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

Order ID : Q2543

Project ID : South River WM Replacement

Client : CDM Smith

Lab Sample Number	Client Sample Number
Q2543-01	TP-41
Q2543-02	TP-49
Q2543-03	TP-23
Q2543-04	TP-23-99

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

Signature : _____

Date: 7/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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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 #: **Q2543**

	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: **PRADIP PRAJAPATI** **Date:** **07/18/2025**

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LAB CHRONICLE

OrderID:	Q2543	**OrderDate:**	7/9/2025 12:26:00 PM
Client:	CDM Smith	**Project:**	South River WM Replacement
Contact:	Marcie Ann Encinas	**Location:**	O42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2543-01	**TP-41**	**SOIL**			**07/08/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/10/25	07/15/25	
Q2543-02	**TP-49**	**SOIL**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/10/25	07/10/25	
Q2543-03	**TP-23**	**SOIL**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/10/25	07/10/25	
Q2543-04	**TP-23-99**	**SOIL**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/10/25	07/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2543

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : TP-41									
Q2543-01	TP-41	SOIL	1-Nonadecene	*	180.000	J	0	0	ug/Kg
Q2543-01	TP-41	SOIL	1-Tetracosene	*	270.000	J	0	0	ug/Kg
Q2543-01	TP-41	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	AB	0	0	ug/Kg
Q2543-01	TP-41	SOIL	Benzophenone	*	250.000	J	0	0	ug/Kg
Q2543-01	TP-41	SOIL	n-Hexadecanoic acid	*	310.000	J	0	0	ug/Kg
			Total Tics :		**1,210.00**				
			Total Concentration:		**1,210.00**				
Client ID : TP-49									
Q2543-02	TP-49	SOIL	Fluoranthene		310.000		40.6	230	ug/Kg
Q2543-02	TP-49	SOIL	Pyrene		250.000		48.7	230	ug/Kg
Q2543-02	TP-49	SOIL	Benzo(a)anthracene		150.000	J	31.1	230	ug/Kg
Q2543-02	TP-49	SOIL	Chrysene		170.000	J	26.9	230	ug/Kg
Q2543-02	TP-49	SOIL	Benzo(b)fluoranthene		250.000		25.7	230	ug/Kg
Q2543-02	TP-49	SOIL	Benzo(k)fluoranthene		92.600	J	30.3	230	ug/Kg
Q2543-02	TP-49	SOIL	Benzo(a)pyrene		170.000	JQ	39.9	230	ug/Kg
Q2543-02	TP-49	SOIL	Benzo(g,h,i)perylene		96.100	J	34.8	230	ug/Kg
			Total Svoc :		**1,488.70**				
Q2543-02	TP-49	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	310.000	AB	0	0	ug/Kg
Q2543-02	TP-49	SOIL	Benzo[e]pyrene	*	150.000	J	0	0	ug/Kg
Q2543-02	TP-49	SOIL	Benzophenone	*	280.000	J	0	0	ug/Kg
Q2543-02	TP-49	SOIL	Butane, 2-methoxy-2-methyl-	*	610.000	J	0	0	ug/Kg
Q2543-02	TP-49	SOIL	Cyclohexadecane	*	160.000	J	0	0	ug/Kg
Q2543-02	TP-49	SOIL	n-Hexadecanoic acid	*	270.000	J	0	0	ug/Kg
			Total Tics :		**1,780.00**				
			Total Concentration:		**3,268.70**				
Client ID : TP-23									
Q2543-03	TP-23	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	AB	0	0	ug/Kg
Q2543-03	TP-23	SOIL	5-Eicosene, (E)-	*	79.900	J	0	0	ug/Kg
Q2543-03	TP-23	SOIL	Benzophenone	*	230.000	J	0	0	ug/Kg
Q2543-03	TP-23	SOIL	Butane, 2-methoxy-2-methyl-	*	410.000	J	0	0	ug/Kg
Q2543-03	TP-23	SOIL	n-Hexadecanoic acid	*	120.000	J	0	0	ug/Kg
			Total Tics :		**1,009.90**				
			Total Concentration:		**1,009.90**				
Client ID : TP-23-99									
Q2543-04	TP-23-99	SOIL	1-Nonadecene	*	83.400	J	0	0	ug/Kg
Q2543-04	TP-23-99	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	180.000	AB	0	0	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2543

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2543-04	TP-23-99	SOIL	Benzophenone	*	220.000	J	0	0	ug/Kg
Q2543-04	TP-23-99	SOIL	Butane, 2-methoxy-2-methyl-	*	430.000	J	0	0	ug/Kg
Q2543-04	TP-23-99	SOIL	n-Hexadecanoic acid	*	110.000	J	0	0	ug/Kg
			Total Tics :		**1,023.40**				
			Total Concentration:		**1,023.40**				



QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2543

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168787BL	PB168787BL	2-Fluorophenol	150	134	90		18	112
		Phenol-d6	150	126	84		15	107
		Nitrobenzene-d5	100	92.7	93		18	107
		2-Fluorobiphenyl	100	90.6	91		20	109
		2,4,6-Tribromophenol	150	155	103		10	116
		Terphenyl-d14	100	91.8	92		10	105
PB168787BS	PB168787BS	2-Fluorophenol	150	141	94		18	112
		Phenol-d6	150	118	78		15	107
		Nitrobenzene-d5	100	90.9	91		18	107
		2-Fluorobiphenyl	100	87.5	87		20	109
		2,4,6-Tribromophenol	150	149	99		10	116
		Terphenyl-d14	100	95.8	96		10	105
Q2543-01	TP-41	2-Fluorophenol	150	88.4	59		18	112
		Phenol-d6	150	77.1	51		15	107
		Nitrobenzene-d5	100	50.2	50		18	107
		2-Fluorobiphenyl	100	46.0	46		20	109
		2,4,6-Tribromophenol	150	93.6	62		10	116
		Terphenyl-d14	100	51.0	51		10	105
Q2543-02	TP-49	2-Fluorophenol	150	126	84		18	112
		Phenol-d6	150	128	85		15	107
		Nitrobenzene-d5	100	75.8	76		18	107
		2-Fluorobiphenyl	100	72.3	72		20	109
		2,4,6-Tribromophenol	150	145	97		10	116
		Terphenyl-d14	100	69.8	70		10	105
Q2543-02MS	TP-49MS	2-Fluorophenol	150	100	67		18	112
		Phenol-d6	150	101	67		15	107
		Nitrobenzene-d5	100	59.9	60		18	107
		2-Fluorobiphenyl	100	57.5	58		20	109
		2,4,6-Tribromophenol	150	116	77		10	116
		Terphenyl-d14	100	71.0	71		10	105
Q2543-02MSD	TP-49MSD	2-Fluorophenol	150	96.6	64		18	112
		Phenol-d6	150	96.5	64		15	107
		Nitrobenzene-d5	100	59.3	59		18	107
		2-Fluorobiphenyl	100	57.6	58		20	109
		2,4,6-Tribromophenol	150	109	73		10	116
		Terphenyl-d14	100	70.1	70		10	105
Q2543-03	TP-23	2-Fluorophenol	150	79.6	53		18	112
		Phenol-d6	150	80.4	54		15	107
		Nitrobenzene-d5	100	47.2	47		18	107
		2-Fluorobiphenyl	100	40.8	41		20	109
		2,4,6-Tribromophenol	150	87.6	58		10	116
		Terphenyl-d14	100	46.6	47		10	105
Q2543-04	TP-23-99	2-Fluorophenol	150	83.1	55		18	112
		Phenol-d6	150	83.7	56		15	107
		Nitrobenzene-d5	100	49.7	50		18	107
		2-Fluorobiphenyl	100	44.0	44		20	109
		2,4,6-Tribromophenol	150	90.5	60		10	116
		Terphenyl-d14	100	50.5	50		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2543 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BM050395.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2543-02MS		**Client Sample ID: TP-49MS**									
Benzaldehyde	2300	0	2000	ug/Kg	87				10	171	
Phenol	2300	0	2100	ug/Kg	91				51	122	
bis(2-Chloroethyl)ether	2300	0	2000	ug/Kg	87				54	125	
2-Chlorophenol	2300	0	2100	ug/Kg	91				51	121	
2-Methylphenol	2300	0	2100	ug/Kg	91				47	125	
2,2-oxybis(1-Chloropropane)	2300	0	1900	ug/Kg	83				46	119	
Acetophenone	2300	0	2000	ug/Kg	87				55	128	
3+4-Methylphenols	2300	0	2100	ug/Kg	91				49	125	
N-Nitroso-di-n-propylamine	2300	0	2100	ug/Kg	91				59	119	
Hexachloroethane	2300	0	1900	ug/Kg	83				51	116	
Nitrobenzene	2300	0	2000	ug/Kg	87				47	124	
Isophorone	2300	0	2100	ug/Kg	91				49	127	
2-Nitrophenol	2300	0	2300	ug/Kg	100				43	131	
2,4-Dimethylphenol	2300	0	2100	ug/Kg	91				63	151	
bis(2-Chloroethoxy)methane	2300	0	2000	ug/Kg	87				51	119	
2,4-Dichlorophenol	2300	0	2200	ug/Kg	96				50	122	
Naphthalene	2300	0	2000	ug/Kg	87				51	121	
4-Chloroaniline	2300	0	600	ug/Kg	26				10	100	
Hexachlorobutadiene	2300	0	2000	ug/Kg	87				44	126	
Caprolactam	2300	0	2200	ug/Kg	96				51	134	
4-Chloro-3-methylphenol	2300	0	2200	ug/Kg	96				57	132	
2-Methylnaphthalene	2300	0	2100	ug/Kg	91				59	123	
Hexachlorocyclopentadiene	4500	0	4200	ug/Kg	93				10	175	
2,4,6-Trichlorophenol	2300	0	2200	ug/Kg	96				33	141	
2,4,5-Trichlorophenol	2300	0	2200	ug/Kg	96				38	135	
1,1-Biphenyl	2300	0	2000	ug/Kg	87				55	131	
2-Chloronaphthalene	2300	0	2000	ug/Kg	87				48	124	
2-Nitroaniline	2300	0	2200	ug/Kg	96				47	134	
Dimethylphthalate	2300	0	2100	ug/Kg	91				54	120	
Acenaphthylene	2300	0	2100	ug/Kg	91				57	125	
2,6-Dinitrotoluene	2300	0	2200	ug/Kg	96				48	127	
3-Nitroaniline	2300	0	990	ug/Kg	43				10	112	
Acenaphthene	2300	0	2200	ug/Kg	96				70	121	
2,4-Dinitrophenol	4500	0	3700	ug/Kg	82				10	155	
4-Nitrophenol	4500	0	4600	ug/Kg	102				10	175	
Dibenzofuran	2300	0	2000	ug/Kg	87				52	114	
2,4-Dinitrotoluene	2300	0	2100	ug/Kg	91				41	140	
Diethylphthalate	2300	0	2100	ug/Kg	91				51	119	
4-Chlorophenyl-phenylether	2300	0	2100	ug/Kg	91				48	122	
Fluorene	2300	0	2100	ug/Kg	91				53	118	
4-Nitroaniline	2300	0	1900	ug/Kg	83				29	140	
4,6-Dinitro-2-methylphenol	2300	0	1900	ug/Kg	83				10	160	
N-Nitrosodiphenylamine	2300	0	2100	ug/Kg	91				73	118	
4-Bromophenyl-phenylether	2300	0	2200	ug/Kg	96				65	121	
Hexachlorobenzene	2300	0	2100	ug/Kg	91				67	118	
Atrazine	2300	0	2300	ug/Kg	100				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2543 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BM050395.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	4500	0	4600	ug/Kg	102				13	153	
Phenanthrene	2300	0	2100	ug/Kg	91				52	128	
Anthracene	2300	0	2100	ug/Kg	91				62	124	
Carbazole	2300	0	2100	ug/Kg	91				59	119	
Di-n-butylphthalate	2300	0	2300	ug/Kg	100				55	125	
Fluoranthene	2300	310	2400	ug/Kg	91				44	125	
Pyrene	2300	250	2700	ug/Kg	107				37	122	
Butylbenzylphthalate	2300	0	2700	ug/Kg	117				44	135	
3,3-Dichlorobenzidine	2300	0	1000	ug/Kg	43				15	112	
Benzo(a)anthracene	2300	150	2300	ug/Kg	93				53	119	
Chrysene	2300	170	2200	ug/Kg	88				57	121	
bis(2-Ethylhexyl)phthalate	2300	0	2600	ug/Kg	113				42	169	
Di-n-octyl phthalate	2300	0	2400	ug/Kg	104				51	156	
Benzo(b)fluoranthene	2300	250	2400	ug/Kg	93				52	117	
Benzo(k)fluoranthene	2300	92.6	2200	ug/Kg	92				57	134	
Benzo(a)pyrene	2300	170	2300	ug/Kg	93				70	142	
Indeno(1,2,3-cd)pyrene	2300	0	2100	ug/Kg	91				40	129	
Dibenz(a,h)anthracene	2300	0	2000	ug/Kg	87				43	123	
Benzo(g,h,i)perylene	2300	96.1	2100	ug/Kg	87				24	125	
1,2,4,5-Tetrachlorobenzene	2300	0	2100	ug/Kg	91				52	134	
1,4-Dioxane	2300	0	1600	ug/Kg	70				46	112	
2,3,4,6-Tetrachlorophenol	2300	0	2300	ug/Kg	100				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2543 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BM050396.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2543-02MSD		**Client Sample ID: TP-49MSD**									
Benzaldehyde	2300	0	1900	ug/Kg	83	5			10	171	20
Phenol	2300	0	2000	ug/Kg	87	4			51	122	20
bis(2-Chloroethyl)ether	2300	0	1900	ug/Kg	83	5			54	125	20
2-Chlorophenol	2300	0	2000	ug/Kg	87	4			51	121	20
2-Methylphenol	2300	0	2000	ug/Kg	87	4			47	125	20
2,2-oxybis(1-Chloropropane)	2300	0	1800	ug/Kg	78	6			46	119	20
Acetophenone	2300	0	1900	ug/Kg	83	5			55	128	20
3+4-Methylphenols	2300	0	2000	ug/Kg	87	4			49	125	20
N-Nitroso-di-n-propylamine	2300	0	1900	ug/Kg	83	9			59	119	20
Hexachloroethane	2300	0	1900	ug/Kg	83	0			51	116	20
Nitrobenzene	2300	0	2000	ug/Kg	87	0			47	124	20
Isophorone	2300	0	2000	ug/Kg	87	4			49	127	20
2-Nitrophenol	2300	0	2300	ug/Kg	100	0			43	131	20
2,4-Dimethylphenol	2300	0	2100	ug/Kg	91	0			63	151	20
bis(2-Chloroethoxy)methane	2300	0	2000	ug/Kg	87	0			51	119	20
2,4-Dichlorophenol	2300	0	2100	ug/Kg	91	5			50	122	20
Naphthalene	2300	0	1900	ug/Kg	83	5			51	121	20
4-Chloroaniline	2300	0	640	ug/Kg	28	7			10	100	20
Hexachlorobutadiene	2300	0	2000	ug/Kg	87	0			44	126	20
Caprolactam	2300	0	2100	ug/Kg	91	5			51	134	20
4-Chloro-3-methylphenol	2300	0	2100	ug/Kg	91	5			57	132	20
2-Methylnaphthalene	2300	0	2000	ug/Kg	87	4			59	123	20
Hexachlorocyclopentadiene	4500	0	4200	ug/Kg	93	0			10	175	20
2,4,6-Trichlorophenol	2300	0	2200	ug/Kg	96	0			33	141	20
2,4,5-Trichlorophenol	2300	0	2200	ug/Kg	96	0			38	135	20
1,1-Biphenyl	2300	0	2000	ug/Kg	87	0			55	131	20
2-Chloronaphthalene	2300	0	2000	ug/Kg	87	0			48	124	20
2-Nitroaniline	2300	0	2200	ug/Kg	96	0			47	134	20
Dimethylphthalate	2300	0	2000	ug/Kg	87	4			54	120	20
Acenaphthylene	2300	0	2100	ug/Kg	91	0			57	125	20
2,6-Dinitrotoluene	2300	0	2200	ug/Kg	96	0			48	127	20
3-Nitroaniline	2300	0	940	ug/Kg	41	5			10	112	20
Acenaphthene	2300	0	2100	ug/Kg	91	5			70	121	20
2,4-Dinitrophenol	4500	0	3500	ug/Kg	78	5			10	155	20
4-Nitrophenol	4500	0	4300	ug/Kg	96	6			10	175	20
Dibenzofuran	2300	0	2000	ug/Kg	87	0			52	114	20
2,4-Dinitrotoluene	2300	0	2000	ug/Kg	87	4			41	140	20
Diethylphthalate	2300	0	2000	ug/Kg	87	4			51	119	20
4-Chlorophenyl-phenylether	2300	0	2000	ug/Kg	87	4			48	122	20
Fluorene	2300	0	2000	ug/Kg	87	4			53	118	20
4-Nitroaniline	2300	0	1800	ug/Kg	78	6			29	140	20
4,6-Dinitro-2-methylphenol	2300	0	1900	ug/Kg	83	0			10	160	20
N-Nitrosodiphenylamine	2300	0	2100	ug/Kg	91	0			73	118	20
4-Bromophenyl-phenylether	2300	0	2200	ug/Kg	96	0			65	121	20
Hexachlorobenzene	2300	0	2100	ug/Kg	91	0			67	118	20
Atrazine	2300	0	2200	ug/Kg	96	4			45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2543 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BM050396.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	4500	0	4500	ug/Kg	100		2		13	153	20
Phenanthrene	2300	0	2000	ug/Kg	87		4		52	128	20
Anthracene	2300	0	2100	ug/Kg	91		0		62	124	20
Carbazole	2300	0	2000	ug/Kg	87		4		59	119	20
Di-n-butylphthalate	2300	0	2200	ug/Kg	96		4		55	125	20
Fluoranthene	2300	310	2200	ug/Kg	82		10		44	125	20
Pyrene	2300	250	2600	ug/Kg	102		5		37	122	20
Butylbenzylphthalate	2300	0	2600	ug/Kg	113		3		44	135	20
3,3-Dichlorobenzidine	2300	0	1100	ug/Kg	48		11		15	112	20
Benzo(a)anthracene	2300	150	2200	ug/Kg	89		4		53	119	20
Chrysene	2300	170	2200	ug/Kg	88		0		57	121	20
bis(2-Ethylhexyl)phthalate	2300	0	2400	ug/Kg	104		8		42	169	20
Di-n-octyl phthalate	2300	0	2400	ug/Kg	104		0		51	156	20
Benzo(b)fluoranthene	2300	250	2300	ug/Kg	89		4		52	117	20
Benzo(k)fluoranthene	2300	92.6	2200	ug/Kg	92		0		57	134	20
Benzo(a)pyrene	2300	170	2300	ug/Kg	93		0		70	142	20
Indeno(1,2,3-cd)pyrene	2300	0	2200	ug/Kg	96		5		40	129	20
Dibenz(a,h)anthracene	2300	0	2100	ug/Kg	91		4		43	123	20
Benzo(g,h,i)perylene	2300	96.1	2200	ug/Kg	91		4		24	125	20
1,2,4,5-Tetrachlorobenzene	2300	0	2100	ug/Kg	91		0		52	134	20
1,4-Dioxane	2300	0	1600	ug/Kg	70		0		46	112	20
2,3,4,6-Tetrachlorophenol	2300	0	2200	ug/Kg	96		4		24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2543 **Analytical Method:** 8270E

Client: CDM Smith **DataFile:** BP025140.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168787BS	Benzaldehyde	1700	1500	ug/Kg	88				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				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	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				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	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	2200	ug/Kg	129				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	910	ug/Kg	54				16	100	
	Hexachlorobutadiene	1700	1700	ug/Kg	100		*		53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	8000	ug/Kg	242		*		45	165	
	2,4,6-Trichlorophenol	1700	1800	ug/Kg	106		*		59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	4000	ug/Kg	121				37	128	
	4-Nitrophenol	3300	3300	ug/Kg	100				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	2000	ug/Kg	118		*		76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2543 **Analytical Method:** 8270E

Client: CDM Smith **DataFile:** BP025140.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168787BS	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98	
	Atrazine	1700	2100	ug/Kg	124				47	152	
	Pentachlorophenol	3300	3400	ug/Kg	103				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	1700	ug/Kg	100				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				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	1900	ug/Kg	112				54	135	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				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: PB168787BL

Lab Name: Alliance | Contract: CAMP02

Lab Code: ACE | SDG NO.: Q2543

Lab File ID: BP025099.D | Lab Sample ID: PB168787BL

Instrument ID: BNA_P | Date Extracted: 07/10/2025

Matrix: (soil/water) SOIL | Date Analyzed: 07/11/2025

Level: (low/med) LOW | Time Analyzed: 11:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168787BS	PB168787BS	BP025140.D	07/15/2025
TP-41	Q2543-01	BP025143.D	07/15/2025
TP-49	Q2543-02	BM050394.D	07/10/2025
TP-49MS	Q2543-02MS	BM050395.D	07/10/2025
TP-49MSD	Q2543-02MSD	BM050396.D	07/10/2025
TP-23	Q2543-03	BM050402.D	07/10/2025
TP-23-99	Q2543-04	BM050403.D	07/10/2025

COMMENTS:

Raw Data: **BM050376.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q2543

Lab File ID: BM050376.D DFTPP Injection Date: 07/08/2025

Instrument ID: BNA_M DFTPP Injection Time: 11:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	66.5
443	15.0 - 24.0% of mass 442	12.9 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050377.D	07/08/2025	12:39
SSTDICC005	SSTDICC005	BM050378.D	07/08/2025	13:19
SSTDICC010	SSTDICC010	BM050379.D	07/08/2025	14:00
SSTDICC020	SSTDICC020	BM050380.D	07/08/2025	14:40
SSTDICCC040	SSTDICCC040	BM050381.D	07/08/2025	15:20
SSTDICC050	SSTDICC050	BM050382.D	07/08/2025	16:01
SSTDICC060	SSTDICC060	BM050383.D	07/08/2025	16:41
SSTDICC080	SSTDICC080	BM050384.D	07/08/2025	17:22

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name:	Alliance	Contract:	CAMP02
Lab Code:	ACE	SDG NO.:	Q2543
Lab File ID:	BM050387.D	DFTPP Injection Date:	07/10/2025
Instrument ID:	BNA_M	DFTPP Injection Time:	13:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	68
443	15.0 - 24.0% of mass 442	13.2 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050388.D	07/10/2025	13:53
TP-49	Q2543-02	BM050394.D	07/10/2025	17:58
TP-49MS	Q2543-02MS	BM050395.D	07/10/2025	18:38
TP-49MSD	Q2543-02MSD	BM050396.D	07/10/2025	19:18
TP-23	Q2543-03	BM050402.D	07/10/2025	23:19
TP-23-99	Q2543-04	BM050403.D	07/10/2025	23:59

Raw Data: **BP025070.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q2543

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

Instrument ID: BNA_P DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	31.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	92.8
443	15.0 - 24.0% of mass 442	18 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q2543

Lab File ID: BP025097.D DFTPP Injection Date: 07/11/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	94.3
443	15.0 - 24.0% of mass 442	18.4 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025098.D	07/11/2025	10:26
PB168787BL	PB168787BL	BP025099.D	07/11/2025	11:08

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CAMP02

Lab Code: ACE — SDG NO.: Q2543

Lab File ID: BP025137.D — DFTPP Injection Date: 07/15/2025

Instrument ID: BNA_P — DFTPP Injection Time: 08:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	29.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	92.6
443	15.0 - 24.0% of mass 442	18.1 (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	BP025138.D	07/15/2025	09:36
PB168787BS	PB168787BS	BP025140.D	07/15/2025	10:58
TP-41	Q2543-01	BP025143.D	07/15/2025	13:07

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2543

Client ID : SSTDCCC040 Date Analyzed: 07/10/2025

Lab File ID: BM050388.D Time Analyzed: 13:53

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	446689	7.863	1689420	10.66	1077980	14.49
	UPPER LIMIT	893378	8.363	3378840	11.157	2155960	14.992
	LOWER LIMIT	223345	7.363	844710	10.157	538990	13.992
	EPA SAMPLE NO.						
01	TP-49	577892	7.86	2139760	10.66	1403470	14.49
02	TP-49MS	627832	7.86	2379650	10.66	1542630	14.49
03	TP-49MSD	614645	7.86	2249890	10.66	1411020	14.49
04	TP-23	581438	7.86	2127800	10.66	1370950	14.49
05	TP-23-99	639438	7.86	2330150	10.66	1499850	14.49

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.: Q2543

Client ID: SSTDCCC040 Date Analyzed: 07/10/2025

Lab File ID: BM050388.D Time Analyzed: 13:53

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2057470	17.227	2112610	21.45	2045330	24.491
	UPPER LIMIT	4114940	17.727	4225220	21.95	4090660	24.991
	LOWER LIMIT	1028740	16.727	1056310	20.95	1022670	23.991
	EPA SAMPLE NO.						
01	TP-49	2861160	17.22	3176120	21.45	2913680	24.49
02	TP-49MS	3030620	17.23	2721660	21.46	2168250	24.49
03	TP-49MSD	2620470	17.23	2225730	21.45	2052960	24.49
04	TP-23	2792860	17.22	3011880	21.45	2989150	24.49
05	TP-23-99	3029760	17.22	3157430	21.44	2929700	24.48

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.: Q2543

Client ID : SSTDCCC040 Date Analyzed: 07/11/2025

Lab File ID: BP025098.D Time Analyzed: 10:26

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	436580	7.437	1693300	10.18	1072860	14.10
	UPPER LIMIT	873160	7.937	3386600	10.684	2145720	14.595
	LOWER LIMIT	218290	6.937	846650	9.684	536430	13.595
	EPA SAMPLE NO.						
01	PB168787BL	435629	7.44	1705700	10.18	1062770	14.08

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2543

Client ID: SSTDCCC040 Date Analyzed: 07/11/2025

Lab File ID: BP025098.D Time Analyzed: 10:26

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	2205220	16.907	2437720	21.342	2833280	24.465
	UPPER LIMIT	4410440	17.407	4875440	21.842	5666560	24.965
	LOWER LIMIT	1102610	16.407	1218860	20.842	1416640	23.965
	EPA SAMPLE NO.						
01	PB168787BL	2270220	16.90	2488980	21.34	2769160	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.: Q2543

Client ID : SSTDCCC040 Date Analyzed: 07/15/2025

Lab File ID: BP025138.D Time Analyzed: 09:36

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	539286	7.443	1912690	10.18	1092260	14.08
	UPPER LIMIT	1078570	7.943	3825380	10.684	2184520	14.584
	LOWER LIMIT	269643	6.943	956345	9.684	546130	13.584
	EPA SAMPLE NO.						
01	PB168787BS	578947	7.44	2205740	10.18	1344570	14.08
02	TP-41	556317	7.44	2503670	10.19	1662470	14.10

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2543

Client ID: SSTDCCC040 Date Analyzed: 07/15/2025

Lab File ID: BP025138.D Time Analyzed: 09:36

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	2112950	16.89	2423210	21.336	2977610	24.466
	UPPER LIMIT	4225900	17.39	4846420	21.836	5955220	24.966
	LOWER LIMIT	1056480	16.39	1211610	20.836	1488810	23.966
	EPA SAMPLE NO.						
01	PB168787BS	2600630	16.90	2649430	21.35	2985170	24.47
02	TP-41	3076520	16.92	3157080	21.34	3825650	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.



SAMPLE DATA

Raw Data: **BP025143.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-41	SDG No.:	Q2543
Lab Sample ID:	Q2543-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82
Sample Wt/Vol:	30.04 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
BP025143.D	1	07/10/25 09:55	07/15/25 13:07	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	400	ug/Kg
108-95-2	Phenol	26.9	U	26.9	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	29.6	U	29.6	210	ug/Kg
95-57-8	2-Chlorophenol	29.7	U	29.7	210	ug/Kg
95-48-7	2-Methylphenol	36.4	U	36.4	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45.7	U	45.7	210	ug/Kg
98-86-2	Acetophenone	35.9	U	35.9	210	ug/Kg
65794-96-9	3+4-Methylphenols	50.1	U	50.1	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	57.7	U	57.7	97.4	ug/Kg
67-72-1	Hexachloroethane	21.4	U	21.4	210	ug/Kg
98-95-3	Nitrobenzene	22.3	U	22.3	210	ug/Kg
78-59-1	Isophorone	39.9	U	39.9	210	ug/Kg
88-75-5	2-Nitrophenol	70.9	U	70.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	78.9	U	78.9	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	37.5	U	37.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	34.5	U	34.5	210	ug/Kg
91-20-3	Naphthalene	27.6	U	27.6	210	ug/Kg
106-47-8	4-Chloroaniline	43.1	U	43.1	210	ug/Kg
87-68-3	Hexachlorobutadiene	30.8	UQ	30.8	210	ug/Kg
105-60-2	Caprolactam	63.5	U	63.5	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35.0	U	35.0	210	ug/Kg
91-57-6	2-Methylnaphthalene	31.2	U	31.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	UQ	140	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24.1	UQ	24.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35.4	UQ	35.4	210	ug/Kg
92-52-4	1,1-Biphenyl	26.6	U	26.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	27.4	U	27.4	210	ug/Kg
88-74-4	2-Nitroaniline	58.6	U	58.6	210	ug/Kg
131-11-3	Dimethylphthalate	33.0	U	33.0	210	ug/Kg

Raw Data: **BP025143.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-41	SDG No.:	Q2543
Lab Sample ID:	Q2543-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82
Sample Wt/Vol:	30.04 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
BP025143.D	1	07/10/25 09:55	07/15/25 13:07	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	35.2	U	35.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	40.9	U	40.9	210	ug/Kg
99-09-2	3-Nitroaniline	56.0	U	56.0	210	ug/Kg
83-32-9	Acenaphthene	25.9	U	25.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	400	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	400	ug/Kg
132-64-9	Dibenzofuran	27.6	U	27.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.0	U	61.0	210	ug/Kg
84-66-2	Diethylphthalate	34.5	U	34.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32.5	U	32.5	210	ug/Kg
86-73-7	Fluorene	30.8	U	30.8	210	ug/Kg
100-01-6	4-Nitroaniline	78.2	U	78.2	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	UQ	130	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	40.1	U	40.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33.9	U	33.9	210	ug/Kg
118-74-1	Hexachlorobenzene	30.8	UQ	30.8	210	ug/Kg
1912-24-9	Atrazine	41.4	U	41.4	210	ug/Kg
87-86-5	Pentachlorophenol	62.5	U	62.5	400	ug/Kg
85-01-8	Phenanthrene	25.5	U	25.5	210	ug/Kg
120-12-7	Anthracene	40.6	U	40.6	210	ug/Kg
86-74-8	Carbazole	38.0	U	38.0	210	ug/Kg
84-74-2	Di-n-butylphthalate	58.3	U	58.3	210	ug/Kg
206-44-0	Fluoranthene	36.5	U	36.5	210	ug/Kg
129-00-0	Pyrene	43.8	U	43.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	87.0	UQ	87.0	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	44.7	U	44.7	400	ug/Kg
56-55-3	Benzo(a)anthracene	28.0	U	28.0	210	ug/Kg
218-01-9	Chrysene	24.2	U	24.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	72.1	U	72.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.1	U	23.1	210	ug/Kg

Raw Data: **BP025143.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-41	SDG No.:	Q2543
Lab Sample ID:	Q2543-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82
Sample Wt/Vol:	30.04 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
BP025143.D	1	07/10/25 09:55	07/15/25 13:07	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	27.3	U	27.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	35.9	UQ	35.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.4	UQ	35.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33.4	U	33.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.3	U	31.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31.2	U	31.2	210	ug/Kg
123-91-1	1,4-Dioxane	55.0	U	55.0	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33.4	U	33.4	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.4		18 - 112	59%	SPK: 150
13127-88-3	Phenol-d6	77.1		15 - 107	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	50.2		18 - 107	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.0		20 - 109	46%	SPK: 100
118-79-6	2,4,6-Tribromophenol	93.6		10 - 116	62%	SPK: 150
1718-51-0	Terphenyl-d14	51.0		10 - 105	51%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	556000	7.443			
1146-65-2	Naphthalene-d8	2500000	10.19			
15067-26-2	Acenaphthene-d10	1660000	14.095			
1517-22-2	Phenanthrene-d10	3080000	16.919			
1719-03-5	Chrysene-d12	3160000	21.336			
1520-96-3	Perylene-d12	3830000	24.46			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	AB		4.66	ug/Kg
000119-61-9	Benzophenone	250	J		15.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	310	J		17.9	ug/Kg
010192-32-2	1-Tetracosene	270	J		21.1	ug/Kg
018435-45-5	1-Nonadecene	180	J		22.3	ug/Kg

Raw Data: **BP025143.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-41	SDG No.:	Q2543
Lab Sample ID:	Q2543-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82
Sample Wt/Vol:	30.04 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
BP025143.D	1	07/10/25 09:55	07/15/25 13:07	PB168787

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: **BP025143.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025143.D
Acq On : 15 Jul 2025 13:07
Operator : CG/JU
Sample : Q2543-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-41

Quant Time: Jul 15 13:48:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	556317	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2503674	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1662469	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	3076517	20.000	ng	0.01
76) Chrysene-d12	21.336	240	3157084	20.000	ng	0.00
86) Perylene-d12	24.460	264	3825648	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2776523	88.431	ng	0.00
7) Phenol-d6	6.637	99	3160083	77.126	ng	0.00
23) Nitrobenzene-d5	8.566	82	1890854	50.227	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1837924	93.584	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	4939649	46.030	ng	0.00
79) Terphenyl-d14	19.672	244	7331795	51.040	ng	0.00
Target Compounds						Qvalue

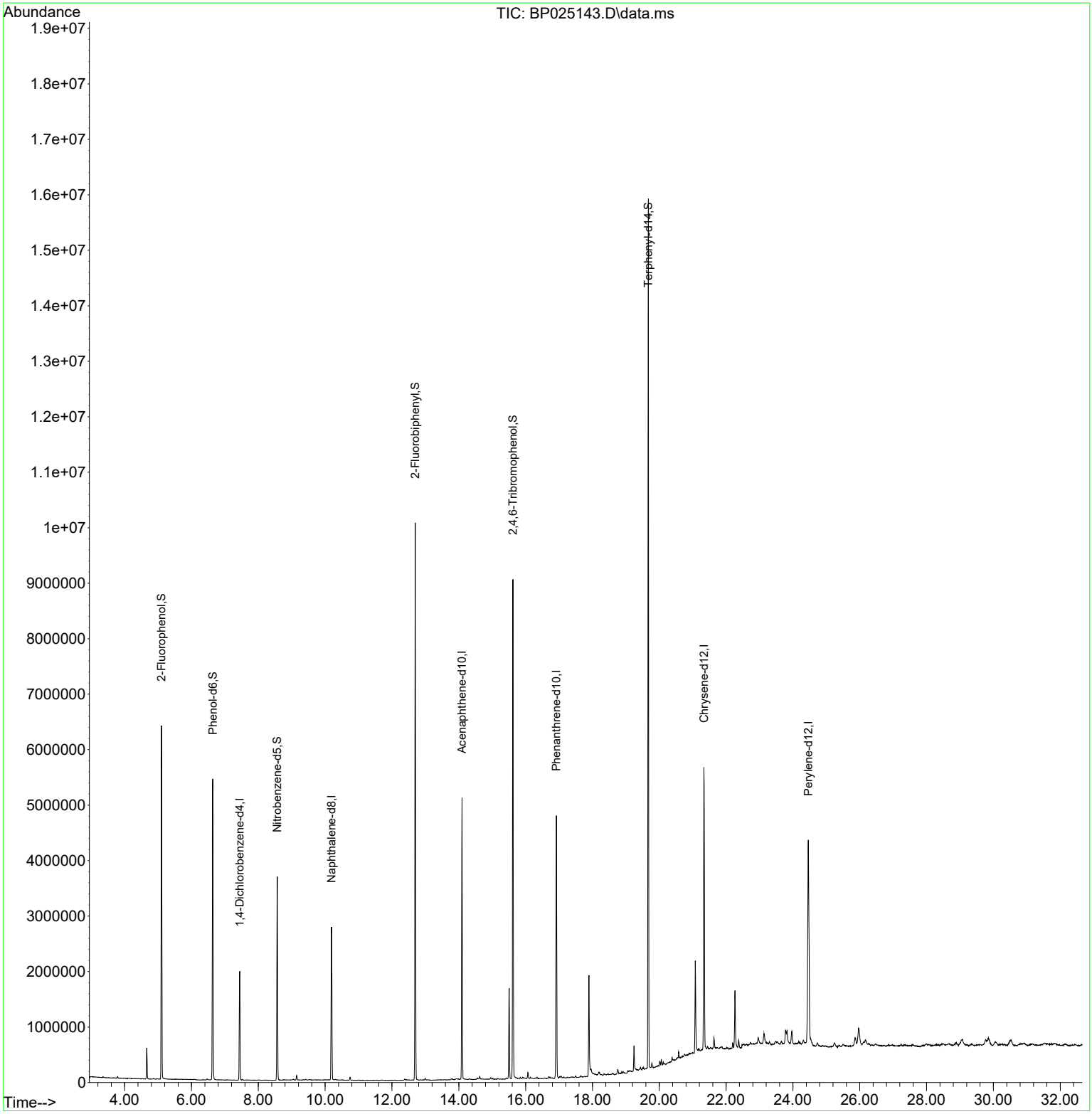
(#) = qualifier out of range (m) = manual integration (+) = signals summed

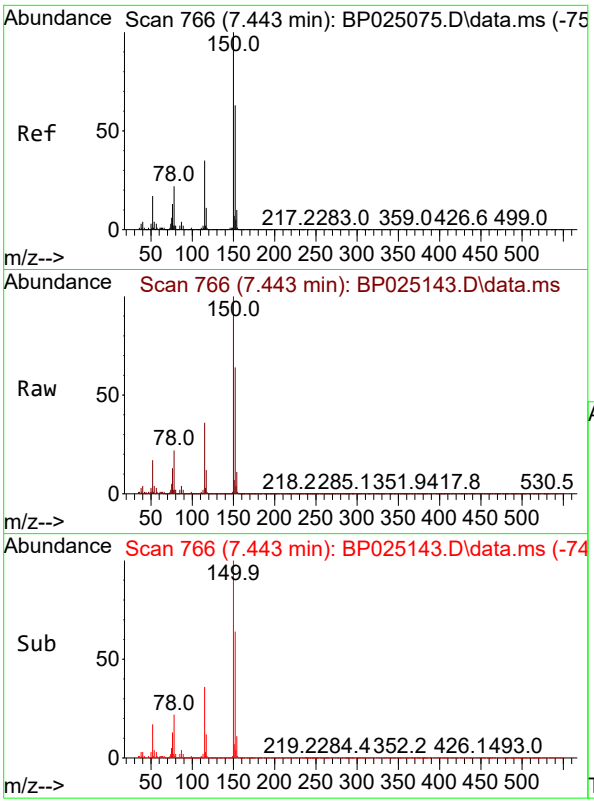
Sample Results: **BP025143.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025143.D
Acq On : 15 Jul 2025 13:07
Operator : CG/JU
Sample : Q2543-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-41

Quant Time: Jul 15 13:48:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



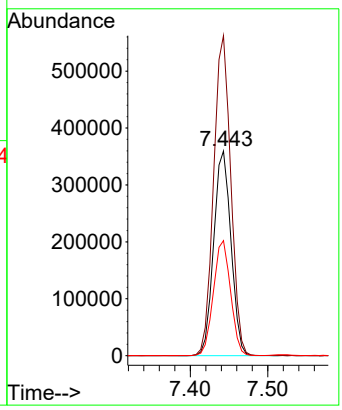


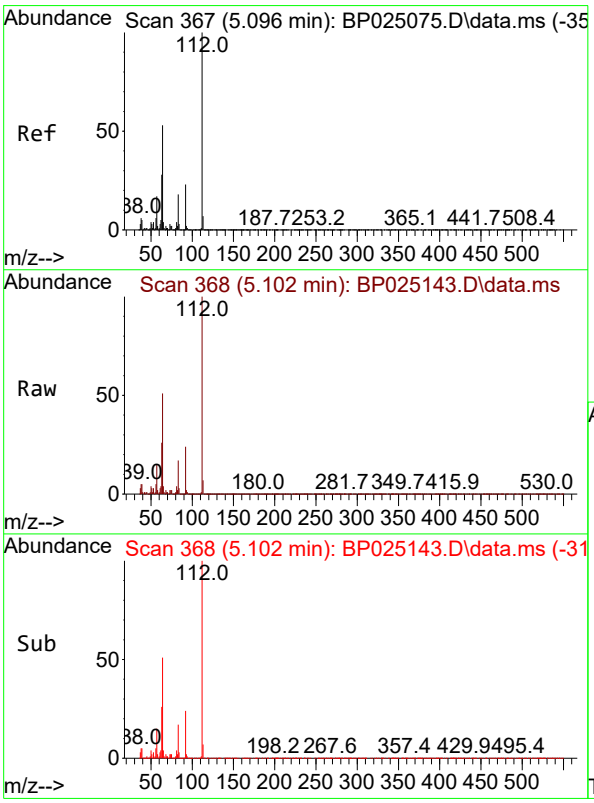
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
TP-41

Tgt Ion:152 Resp: 556317

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.1	189.1
115	56.2	44.3	66.5

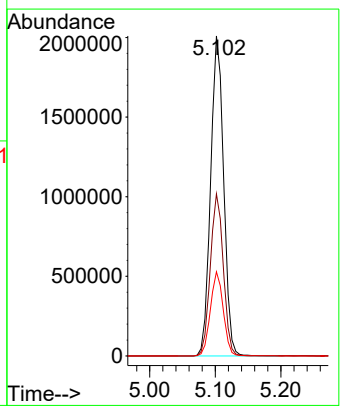


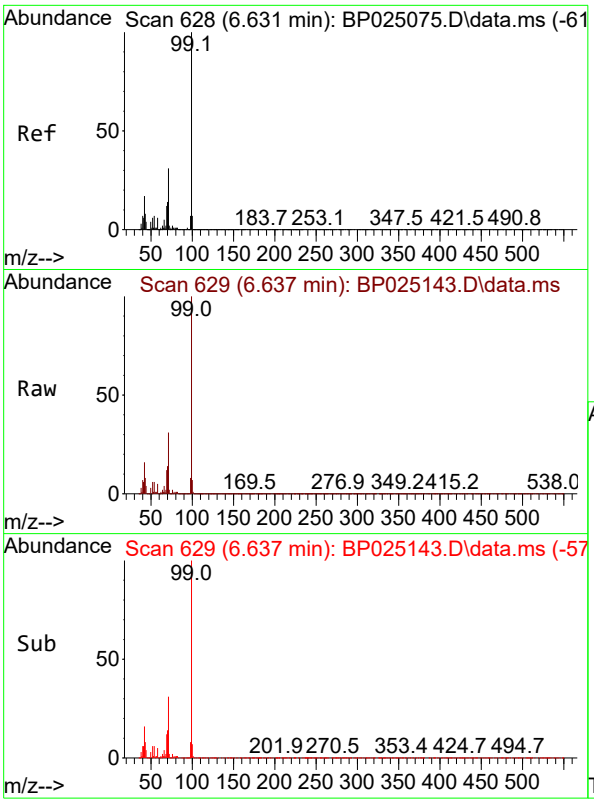


#5
2-Fluorophenol
Concen: 88.431 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Tgt Ion:112 Resp: 2776523

Ion	Ratio	Lower	Upper
112	100		
64	50.6	42.0	63.0
63	26.3	22.2	33.2



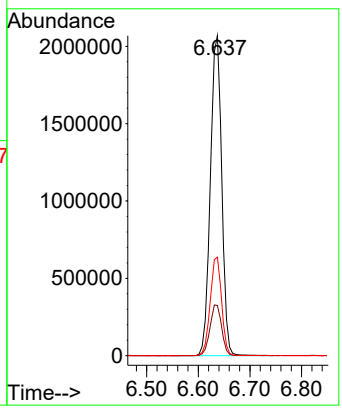


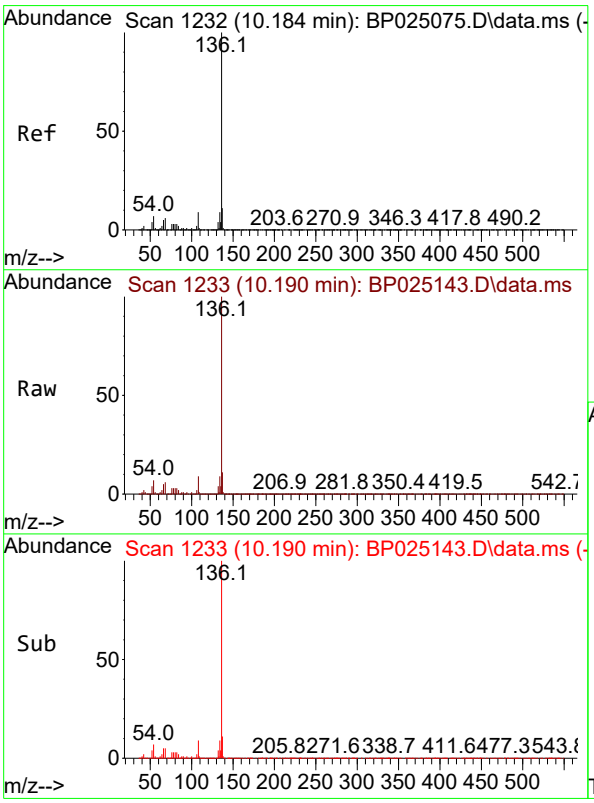
#7
Phenol-d6
Concen: 77.126 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
TP-41

Tgt Ion: 99 Resp: 3160083

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.6	20.4
71	30.8	24.4	36.6

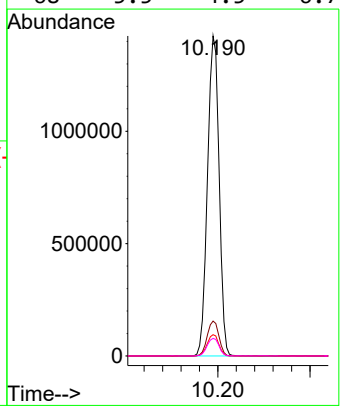


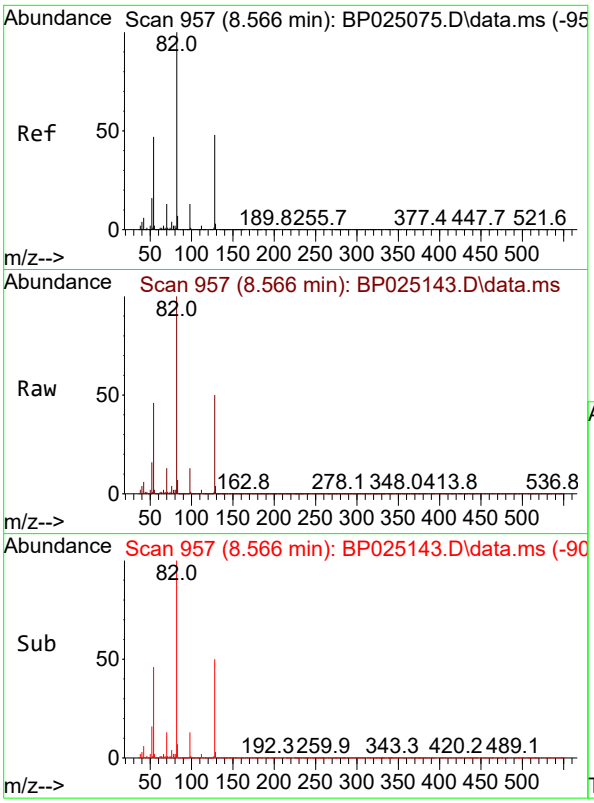


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Tgt Ion:136 Resp: 2503674

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.7	5.4	8.2
68	5.5	4.5	6.7



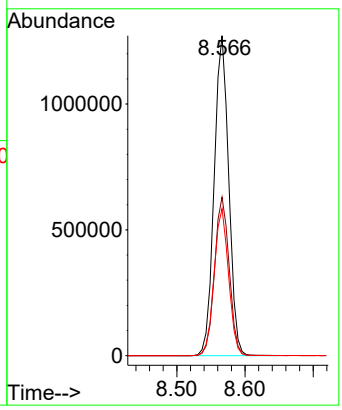


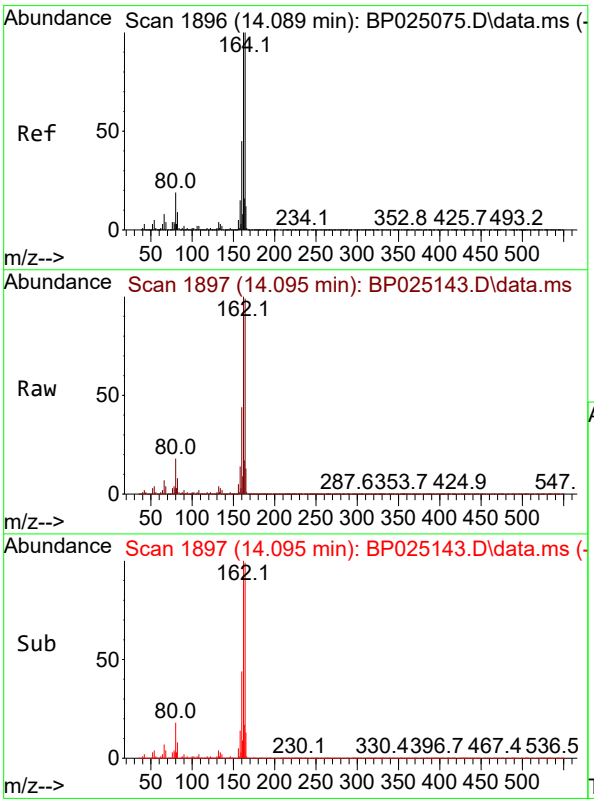
#23
Nitrobenzene-d5
Concen: 50.227 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
TP-41

Tgt Ion: 82 Resp: 1890854

Ion	Ratio	Lower	Upper
82	100		
128	49.6	38.4	57.6
54	46.0	37.8	56.6

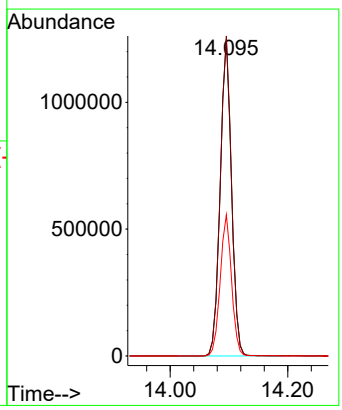


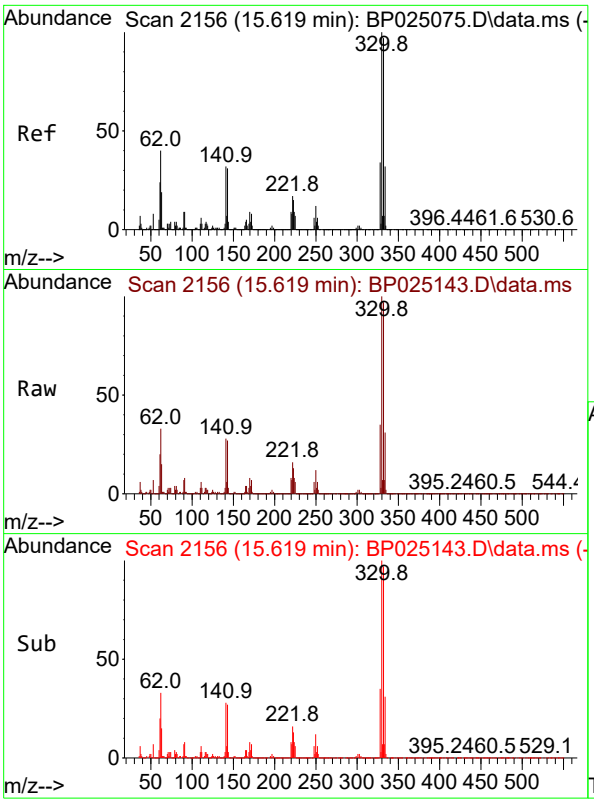


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Tgt Ion:164 Resp: 1662469

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	44.5	35.9	53.9



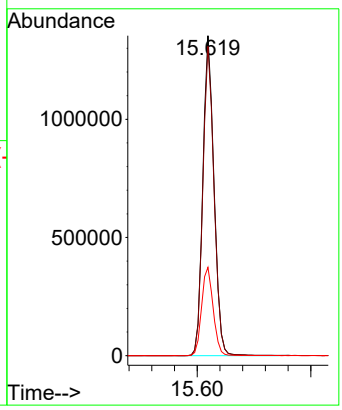


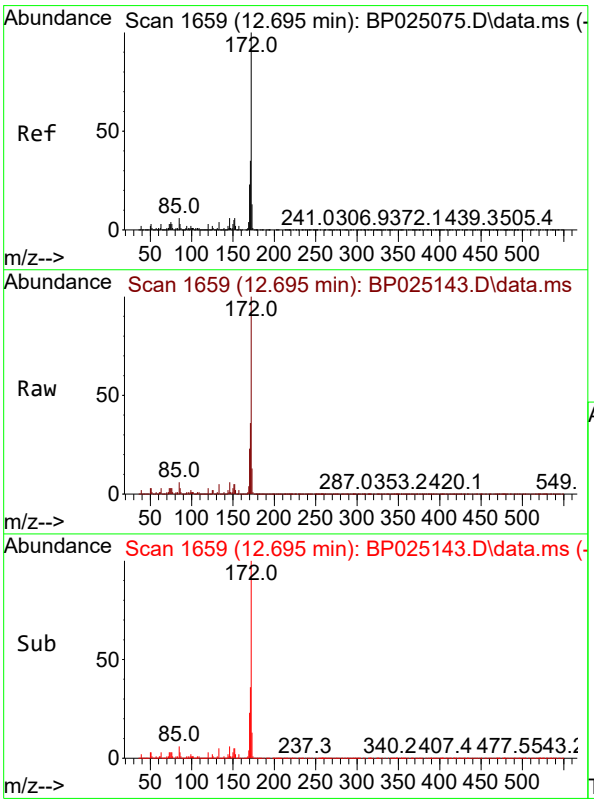
#42
2,4,6-Tribromophenol
Concen: 93.584 ng
RT: 15.619 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
TP-41

Tgt Ion:330 Resp: 1837924

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.7	116.5
141	28.6	26.0	39.0

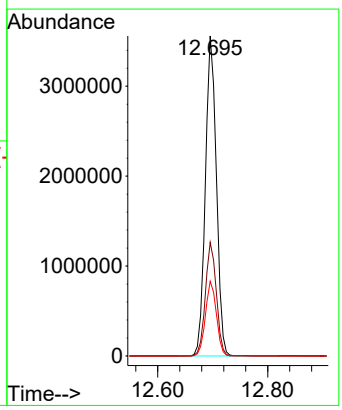


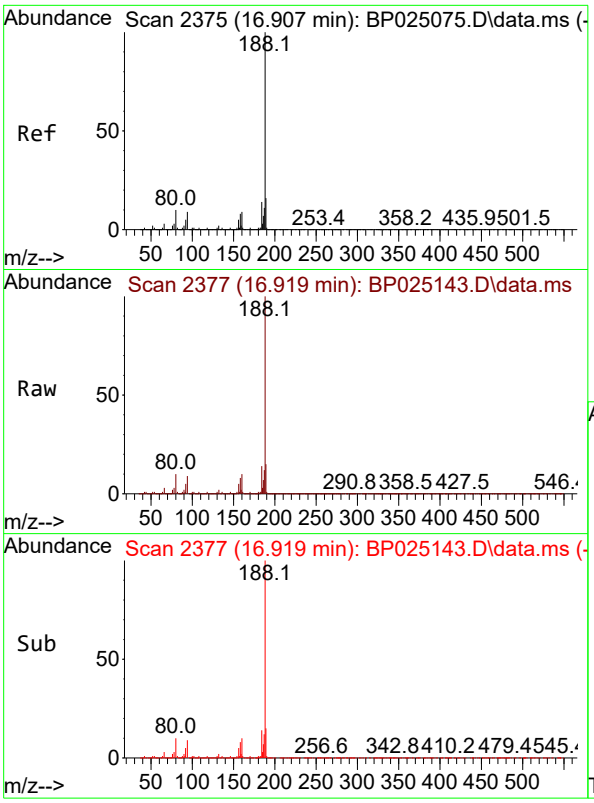


#45
2-Fluorobiphenyl
Concen: 46.030 ng
RT: 12.695 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Tgt Ion:172 Resp: 4939649

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.3	18.7	28.1



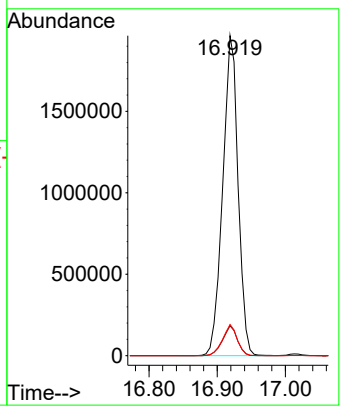


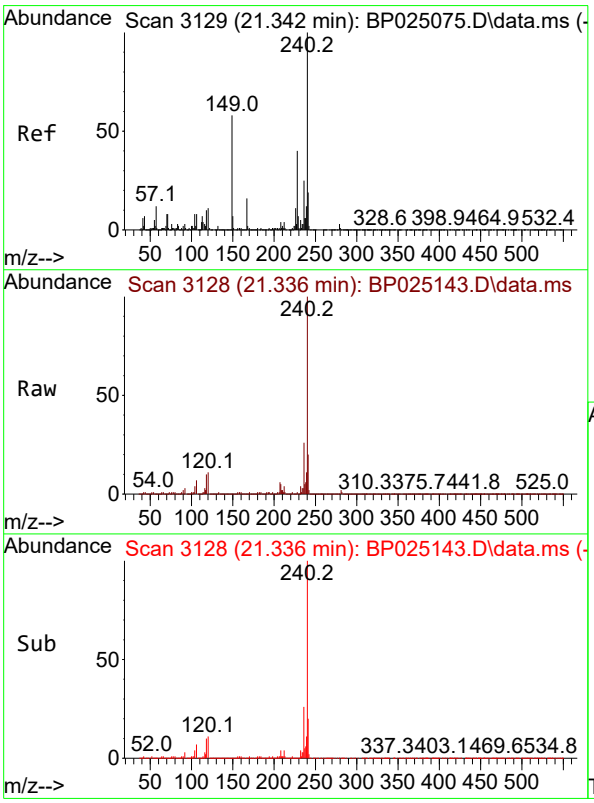
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
TP-41

Tgt Ion:188 Resp: 3076517

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.3	10.9
80	9.8	7.8	11.6

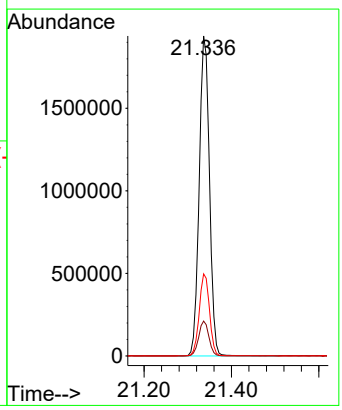


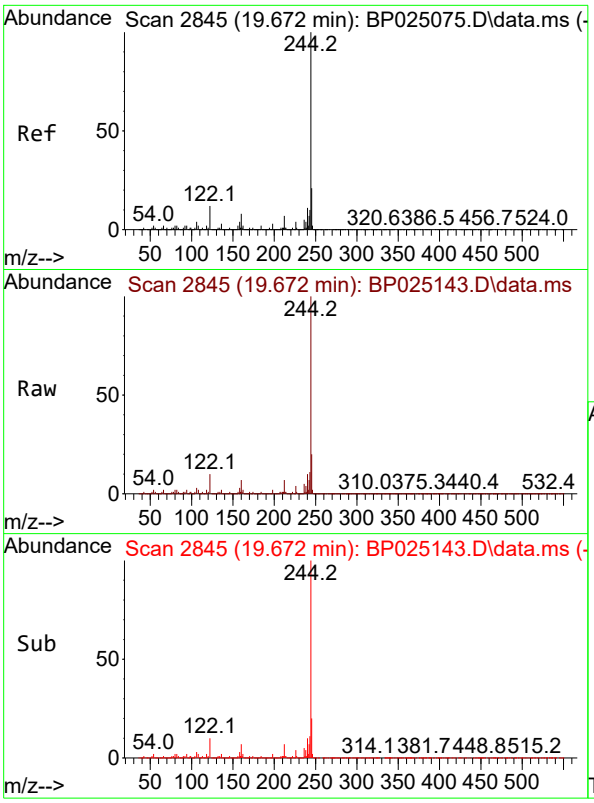


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Tgt Ion:240 Resp: 3157084

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	25.7	20.3	30.5



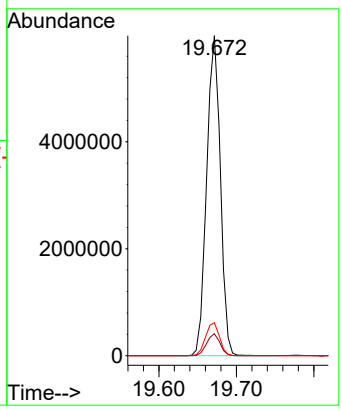


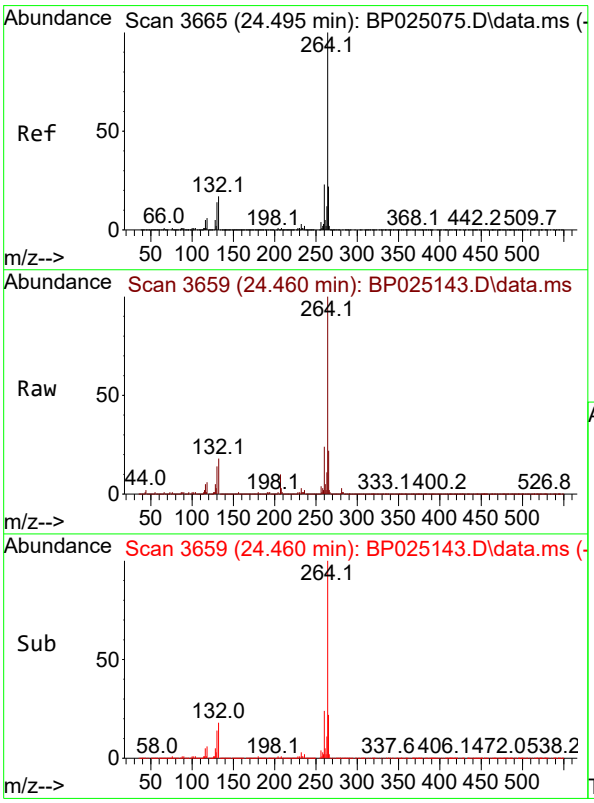
#79
Terphenyl-d14
Concen: 51.040 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
TP-41

Tgt Ion:244 Resp: 7331795

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.3	9.4	14.2

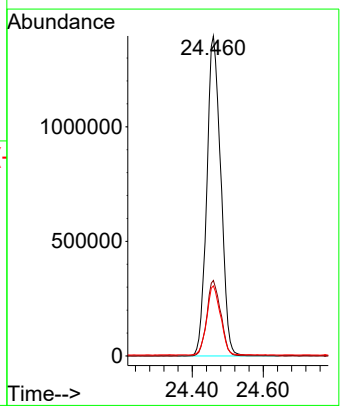




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3659
Delta R.T. -0.035 min
Lab File: BP025143.D
Acq: 15 Jul 2025 13:07

Tgt Ion:264 Resp: 3825648

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.9	17.7	26.5



Sample Results: **BP025143.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025143.D
Acq On : 15 Jul 2025 13:07
Operator : CG/JU
Sample : Q2543-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-41

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

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

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

Signal : TIC: BP025143.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	288	293	302	rVB	560793	739918	3.87%	0.621%
2	5.102	362	368	377	rBV	6365146	8734591	45.65%	7.329%
3	6.637	619	629	644	rBV	5423476	8433138	44.08%	7.076%
4	7.443	759	766	773	rVB	1964653	3036975	15.87%	2.548%
5	8.566	949	957	968	rBV	3667345	5493531	28.71%	4.609%
6	10.190	1225	1233	1248	rBV	2755522	4841613	25.31%	4.062%
7	12.695	1652	1659	1676	rBV	10044420	13725480	71.74%	11.516%
8	14.095	1891	1897	1908	rVB	5070115	6813882	35.62%	5.717%
9	15.507	2130	2137	2147	rVB	1631693	2286572	11.95%	1.918%
10	15.619	2149	2156	2165	rBV	8996802	12457955	65.12%	10.453%
11	16.066	2227	2232	2238	rVB2	112075	192634	1.01%	0.162%
12	16.919	2368	2377	2384	rBV2	4732472	7411719	38.74%	6.219%
13	17.895	2537	2543	2551	rBV	1818448	2866794	14.98%	2.405%
14	19.242	2768	2772	2784	rBV	456672	725072	3.79%	0.608%
15	19.672	2840	2845	2850	rBV	15644589	19131782	100.00%	16.052%
16	21.077	3079	3084	3094	rBV	1665250	2756783	14.41%	2.313%
17	21.336	3122	3128	3135	rBV2	5065530	8292720	43.35%	6.958%
18	22.266	3281	3286	3300	rVB	1023989	1822908	9.53%	1.529%
19	24.460	3651	3659	3670	rVB	3588366	9421363	49.24%	7.905%

Sum of corrected areas: 119185430

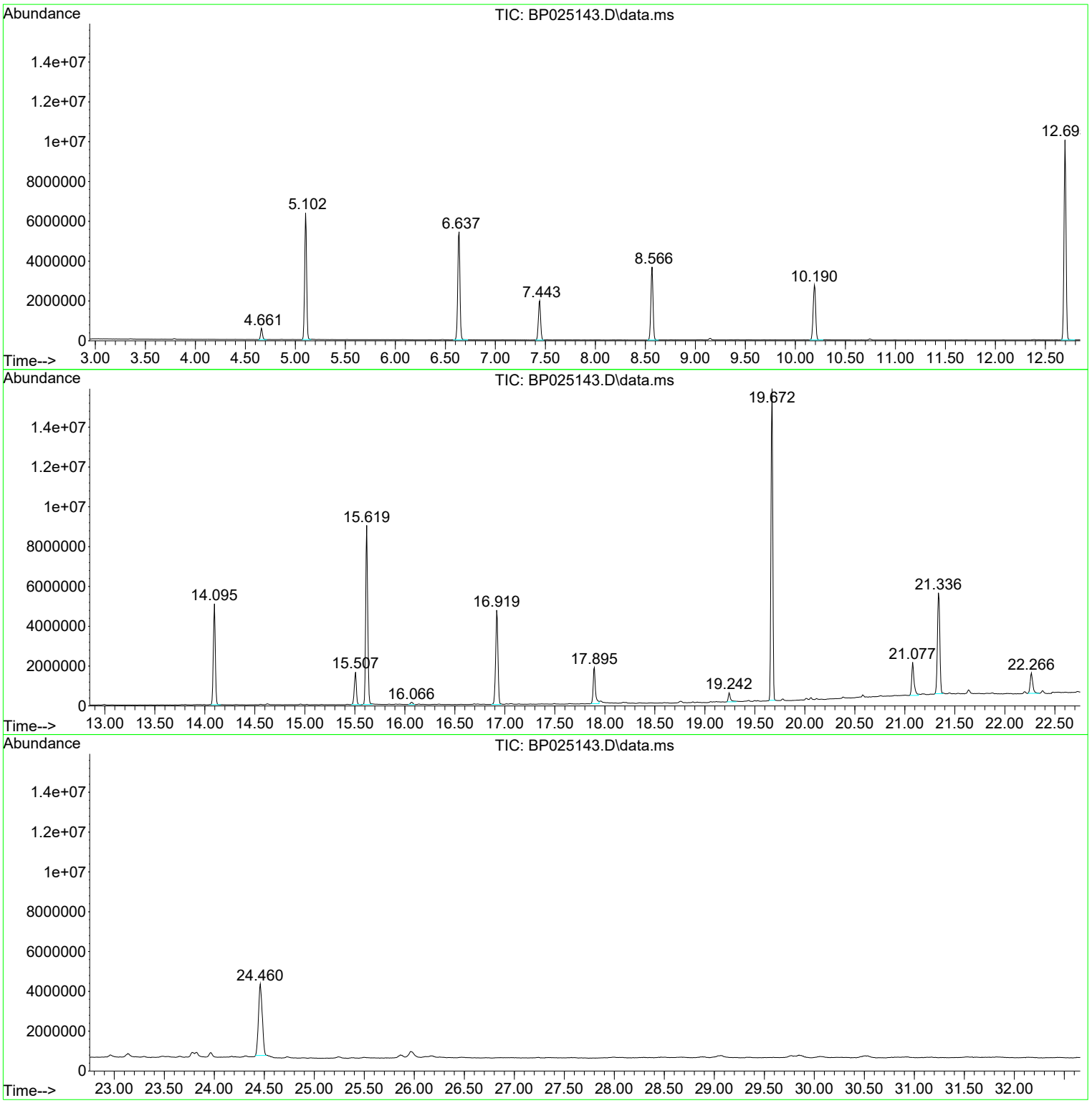
Sample Results: **BP025143.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025143.D
Acq On : 15 Jul 2025 13:07
Operator : CG/JU
Sample : Q2543-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-41

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025143.D
Acq On : 15 Jul 2025 13:07
Operator : CG/JU
Sample : Q2543-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-41

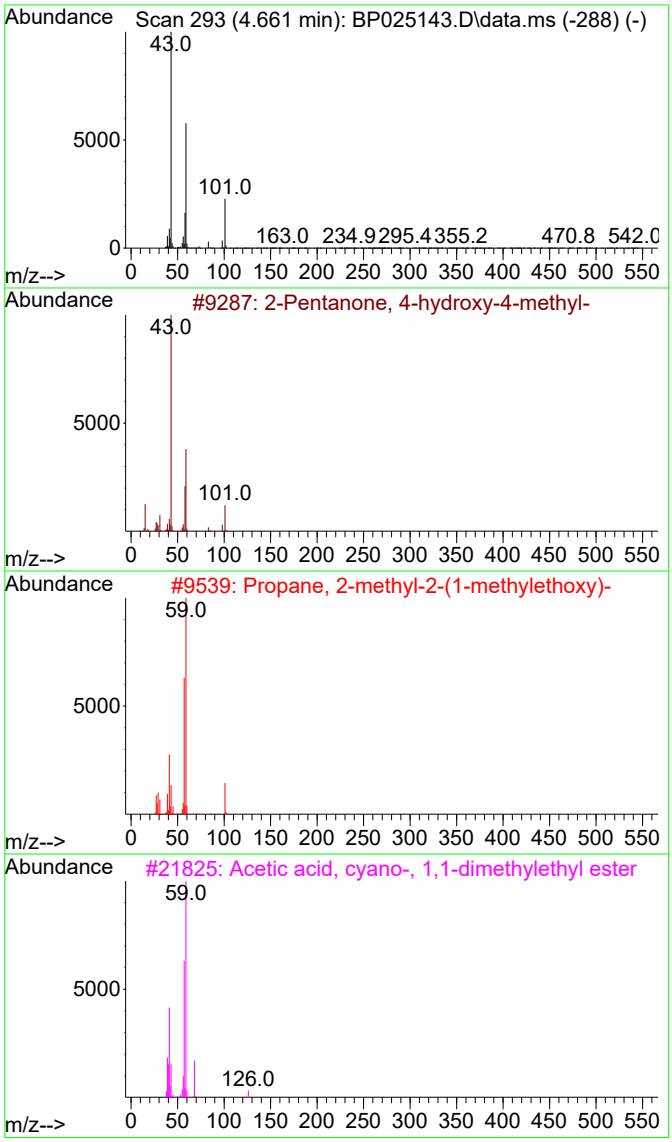
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

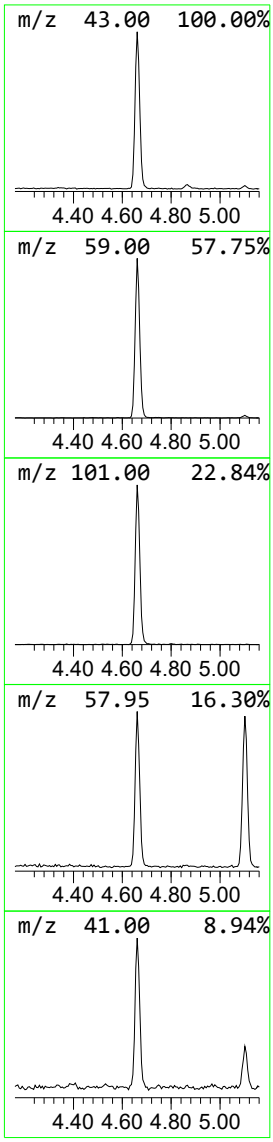
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.661	4.87 ng	739918	1,4-Dichlorobenzene-d4	7.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025143.D
Acq On : 15 Jul 2025 13:07
Operator : CG/JU
Sample : Q2543-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-41

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

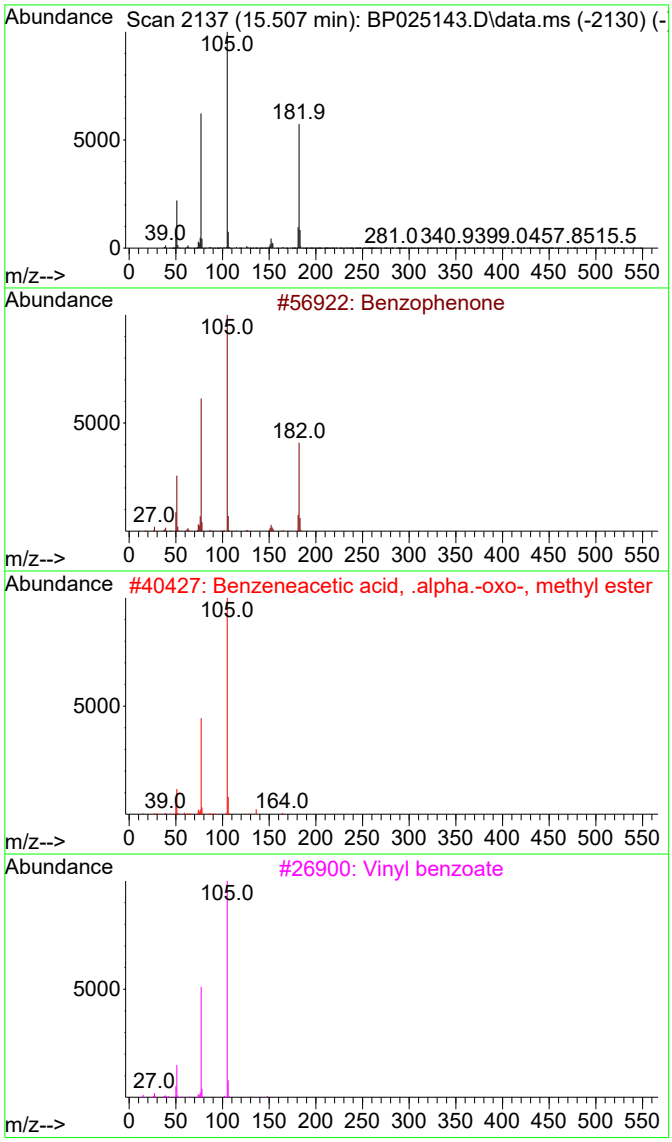
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TIC Integration Parameters: LSCINT.P

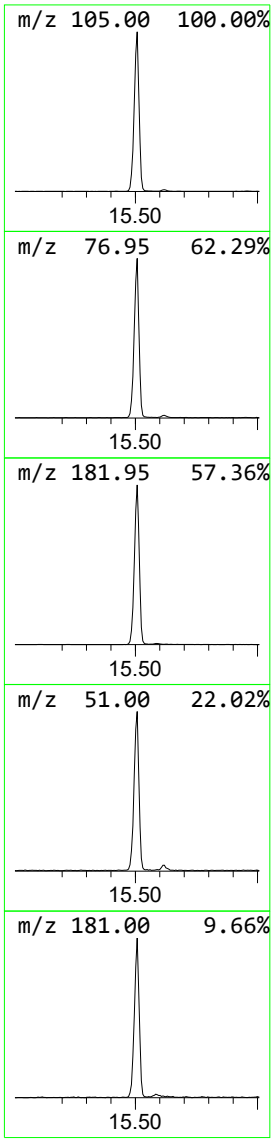
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.507	6.17 ng	2286570	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	53
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025143.D
Acq On : 15 Jul 2025 13:07
Operator : CG/JU
Sample : Q2543-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-41

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

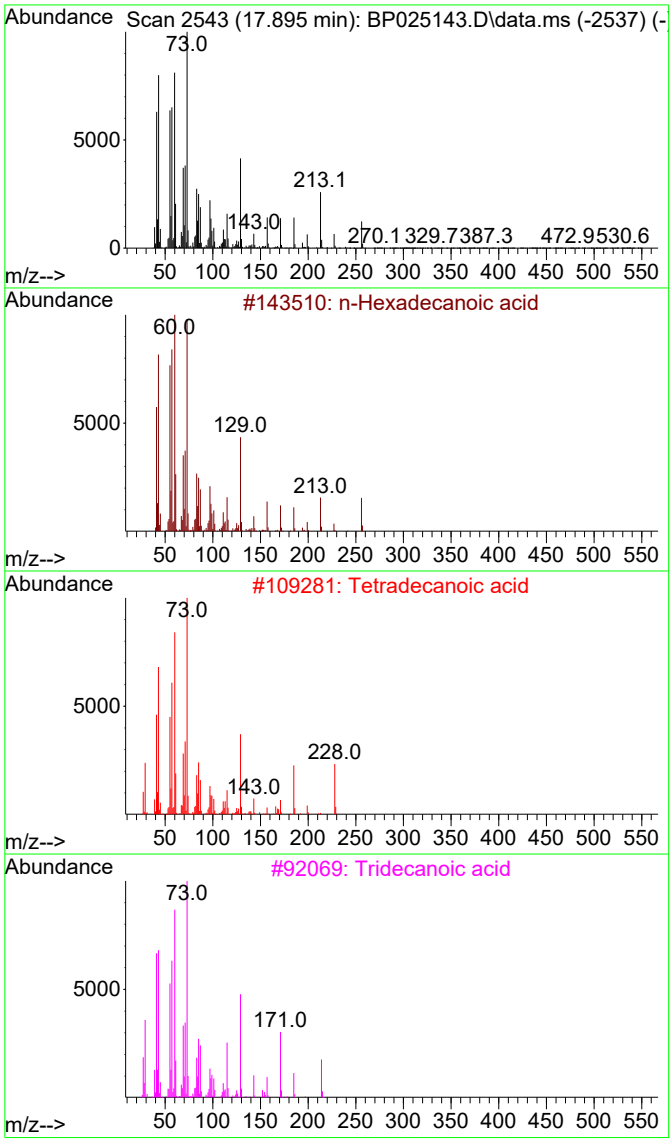
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

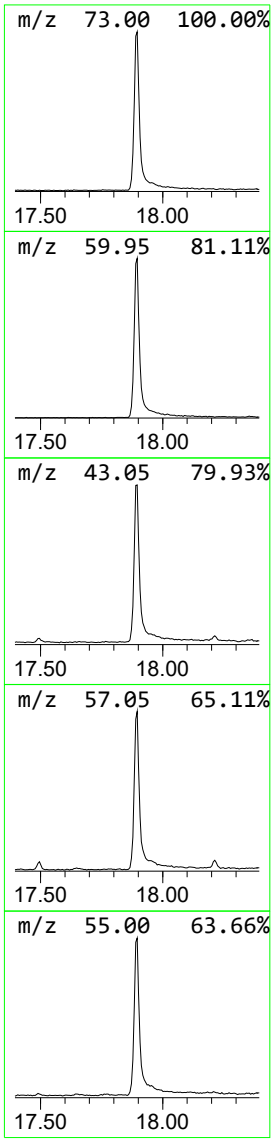
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.895	7.74 ng	2866790	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025143.D
Acq On : 15 Jul 2025 13:07
Operator : CG/JU
Sample : Q2543-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-41

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

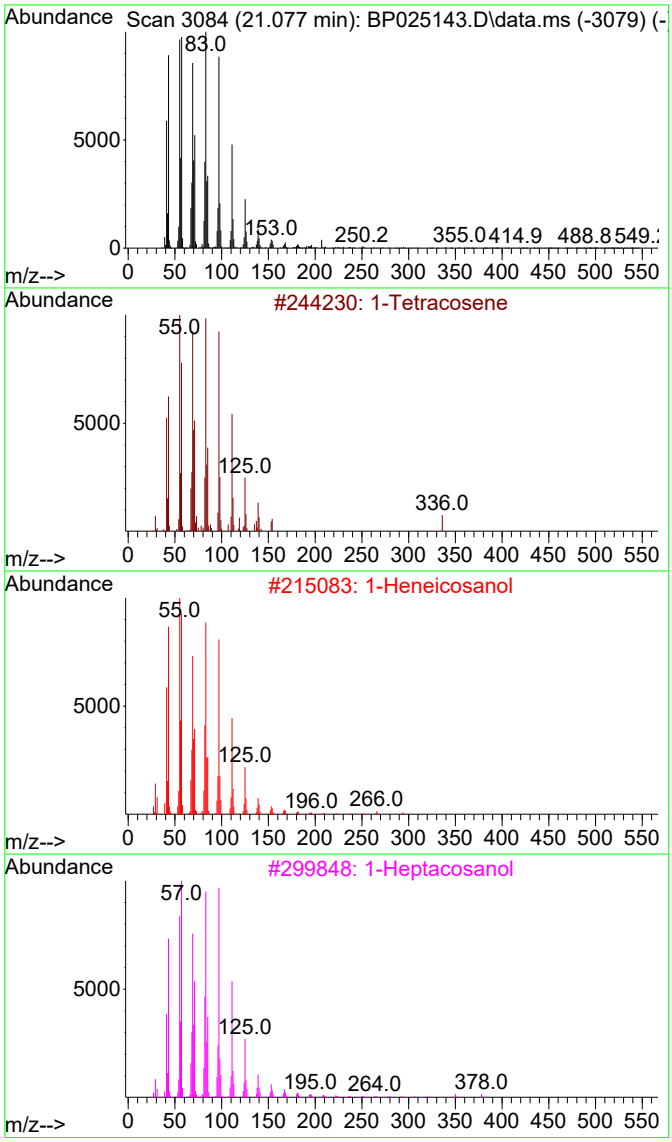
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

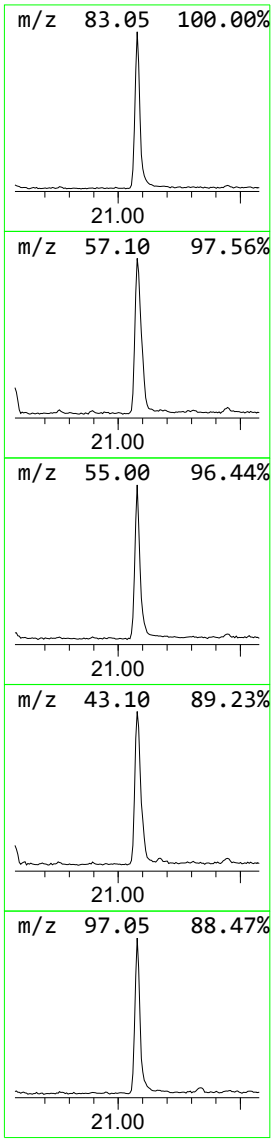
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Peak Number 4 1-Tetracosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.077	6.65 ng	2756780	Chrysene-d12	21.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025143.D
Acq On : 15 Jul 2025 13:07
Operator : CG/JU
Sample : Q2543-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-41

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

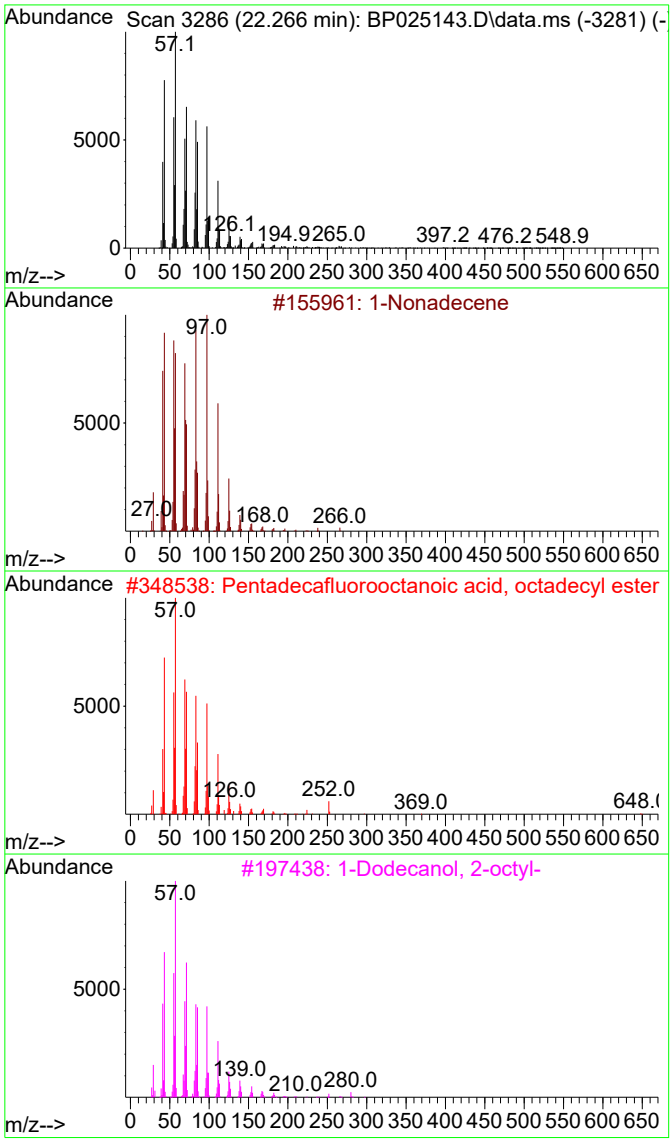
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

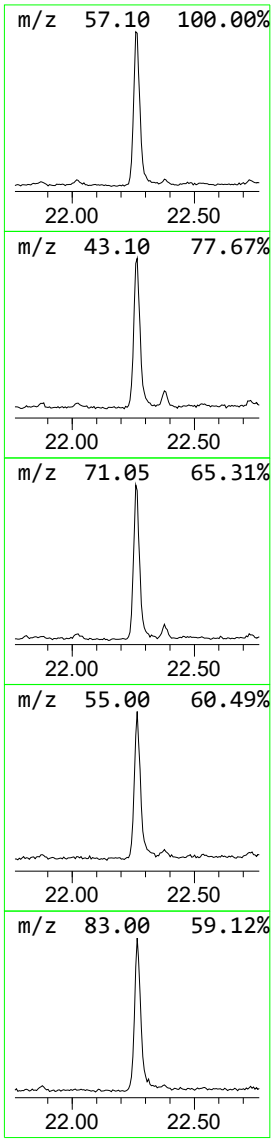
****

Peak Number 5 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.265	4.40 ng	1822910	Chrysene-d12	21.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
4	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	91
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	90





Sample Results: **BP025143.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025143.D
Acq On : 15 Jul 2025 13:07
Operator : CG/JU
Sample : Q2543-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-41

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.661	4.9	ng	739918	1	7.443	3036980	20.0
Benzophenone	15.507	6.2	ng	2286570	4	16.919	7411720	20.0
n-Hexadecanoic ...	17.895	7.7	ng	2866790	4	16.919	7411720	20.0
1-Tetracosene	21.077	6.7	ng	2756780	5	21.336	8292720	20.0
1-Nonadecene	22.265	4.4	ng	1822910	5	21.336	8292720	20.0

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-49	SDG No.:	Q2543
Lab Sample ID:	Q2543-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	73.9
Sample Wt/Vol:	30.02 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
BM050394.D	1	07/10/25 09:55	07/10/25 17:58	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	210	U	210	450	ug/Kg
108-95-2	Phenol	29.9	U	29.9	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	32.9	U	32.9	230	ug/Kg
95-57-8	2-Chlorophenol	33.0	U	33.0	230	ug/Kg
95-48-7	2-Methylphenol	40.4	U	40.4	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50.7	U	50.7	230	ug/Kg
98-86-2	Acetophenone	39.9	U	39.9	230	ug/Kg
65794-96-9	3+4-Methylphenols	55.6	U	55.6	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	64.1	U	64.1	110	ug/Kg
67-72-1	Hexachloroethane	23.8	U	23.8	230	ug/Kg
98-95-3	Nitrobenzene	24.7	U	24.7	230	ug/Kg
78-59-1	Isophorone	44.4	U	44.4	230	ug/Kg
88-75-5	2-Nitrophenol	78.7	U	78.7	230	ug/Kg
105-67-9	2,4-Dimethylphenol	87.6	U	87.6	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	41.7	U	41.7	230	ug/Kg
120-83-2	2,4-Dichlorophenol	38.3	U	38.3	230	ug/Kg
91-20-3	Naphthalene	30.7	U	30.7	230	ug/Kg
106-47-8	4-Chloroaniline	47.9	U	47.9	230	ug/Kg
87-68-3	Hexachlorobutadiene	34.2	UQ	34.2	230	ug/Kg
105-60-2	Caprolactam	70.5	U	70.5	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	38.8	U	38.8	230	ug/Kg
91-57-6	2-Methylnaphthalene	34.6	U	34.6	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	UQ	160	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26.8	UQ	26.8	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39.4	UQ	39.4	230	ug/Kg
92-52-4	1,1-Biphenyl	29.5	U	29.5	230	ug/Kg
91-58-7	2-Chloronaphthalene	30.4	U	30.4	230	ug/Kg
88-74-4	2-Nitroaniline	65.0	U	65.0	230	ug/Kg
131-11-3	Dimethylphthalate	36.6	U	36.6	230	ug/Kg

Raw Data: **BM050394.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-49	SDG No.:	Q2543
Lab Sample ID:	Q2543-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	73.9
Sample Wt/Vol:	30.02 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
BM050394.D	1	07/10/25 09:55	07/10/25 17:58	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	39.1	U	39.1	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	45.4	U	45.4	230	ug/Kg
99-09-2	3-Nitroaniline	62.2	U	62.2	230	ug/Kg
83-32-9	Acenaphthene	28.8	U	28.8	230	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	450	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	450	ug/Kg
132-64-9	Dibenzofuran	30.7	U	30.7	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	67.7	U	67.7	230	ug/Kg
84-66-2	Diethylphthalate	38.3	U	38.3	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	36.1	U	36.1	230	ug/Kg
86-73-7	Fluorene	34.2	U	34.2	230	ug/Kg
100-01-6	4-Nitroaniline	86.8	U	86.8	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	UQ	140	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	44.5	U	44.5	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37.6	U	37.6	230	ug/Kg
118-74-1	Hexachlorobenzene	34.2	UQ	34.2	230	ug/Kg
1912-24-9	Atrazine	46.0	U	46.0	230	ug/Kg
87-86-5	Pentachlorophenol	69.4	U	69.4	450	ug/Kg
85-01-8	Phenanthrene	28.3	U	28.3	230	ug/Kg
120-12-7	Anthracene	45.0	U	45.0	230	ug/Kg
86-74-8	Carbazole	42.2	U	42.2	230	ug/Kg
84-74-2	Di-n-butylphthalate	64.8	U	64.8	230	ug/Kg
206-44-0	Fluoranthene	310		40.6	230	ug/Kg
129-00-0	Pyrene	250		48.7	230	ug/Kg
85-68-7	Butylbenzylphthalate	96.6	UQ	96.6	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	49.6	U	49.6	450	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	31.1	230	ug/Kg
218-01-9	Chrysene	170	J	26.9	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	80.1	U	80.1	230	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		25.7	230	ug/Kg

Raw Data: **BM050394.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-49	SDG No.:	Q2543
Lab Sample ID:	Q2543-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	73.9
Sample Wt/Vol:	30.02 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
BM050394.D	1	07/10/25 09:55	07/10/25 17:58	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	92.6	J	30.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	170	JQ	39.9	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39.4	UQ	39.4	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37.1	U	37.1	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.1	J	34.8	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34.6	U	34.6	230	ug/Kg
123-91-1	1,4-Dioxane	61.1	U	61.1	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37.1	U	37.1	230	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	126		18 - 112	84%	SPK: 150
13127-88-3	Phenol-d6	128		15 - 107	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.8		18 - 107	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.3		20 - 109	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	145		10 - 116	97%	SPK: 150
1718-51-0	Terphenyl-d14	69.8		10 - 105	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	578000	7.863			
1146-65-2	Naphthalene-d8	2140000	10.657			
15067-26-2	Acenaphthene-d10	1400000	14.492			
1517-22-2	Phenanthrene-d10	2860000	17.221			
1719-03-5	Chrysene-d12	3180000	21.45			
1520-96-3	Perylene-d12	2910000	24.491			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	610	J		3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	310	AB		4.97	ug/Kg
000119-61-9	Benzophenone	280	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	270	J		18.1	ug/Kg
000295-65-8	Cyclohexadecane	160	J		21.1	ug/Kg
000192-97-2	Benzo[e]pyrene	150	J		24.2	ug/Kg

Raw Data: **BM050394.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-49	SDG No.:	Q2543
Lab Sample ID:	Q2543-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	73.9
Sample Wt/Vol:	30.02 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
BM050394.D	1	07/10/25 09:55	07/10/25 17:58	PB168787

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_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

Quant Time: Jul 11 01:25:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

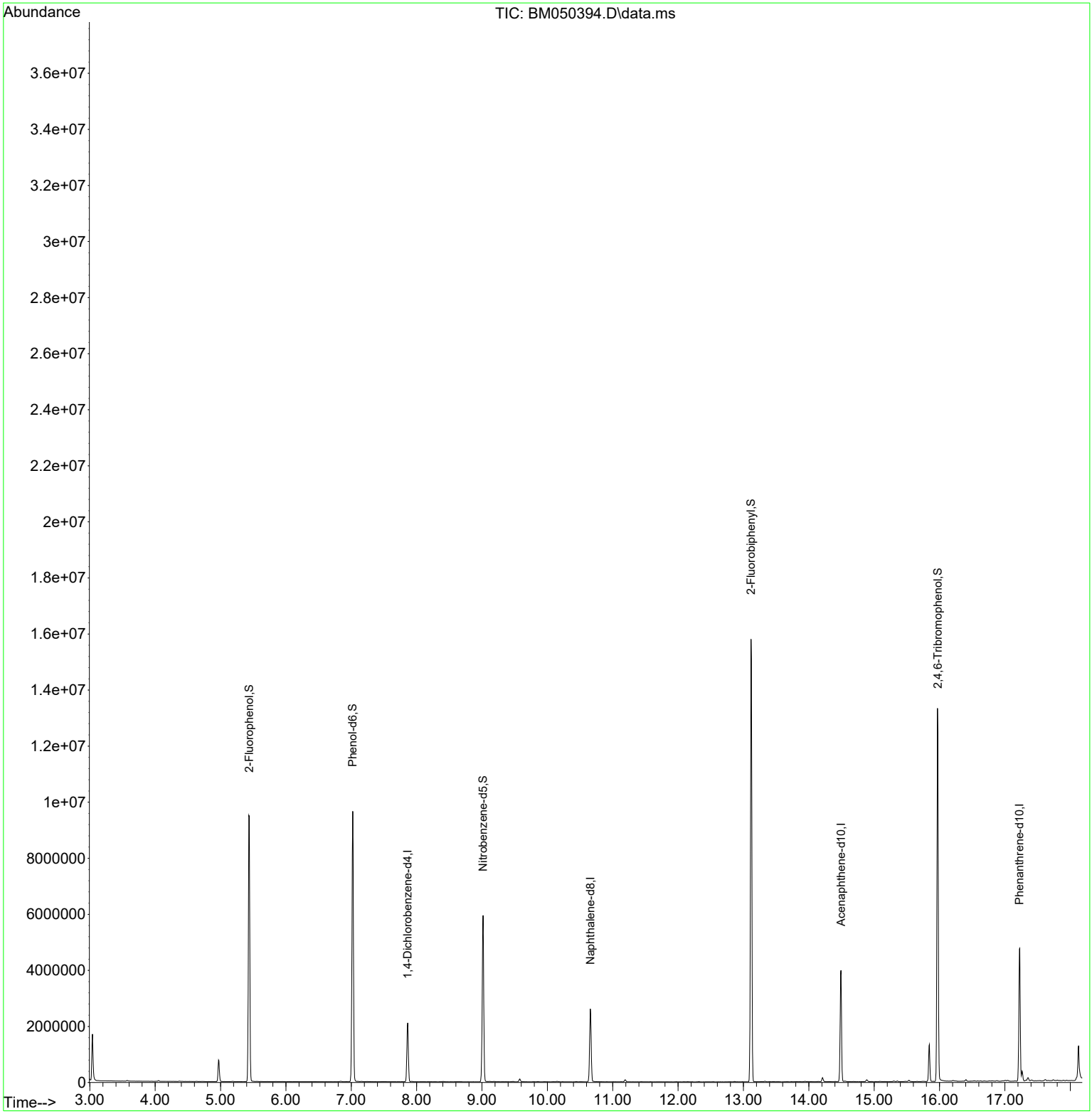
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	577892	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	2139763	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1403470	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	2861157	20.000	ng	0.00
76) Chrysene-d12	21.450	240	3176116	20.000	ng	0.00
86) Perylene-d12	24.491	264	2913679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	4220540	125.714	ng	0.00
7) Phenol-d6	7.022	99	5401795	127.636	ng	0.00
23) Nitrobenzene-d5	9.016	82	3178574	75.786	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	2480637	145.472	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	8221308	72.340	ng	0.00
79) Terphenyl-d14	19.839	244	12608869	69.849	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.274	202	1223856	6.954	ng	99
78) Pyrene	19.633	202	1111277	5.463	ng	99
81) Benzo(a)anthracene	21.433	228	700934	3.387	ng	95
83) Chrysene	21.492	228	749182m	3.838	ng	
88) Benzo(b)fluoranthene	23.527	252	980799	5.473	ng	98
89) Benzo(k)fluoranthene	23.591	252	382007m	2.054	ng	
90) Benzo(a)pyrene	24.344	252	629576	3.753	ng	100
92) Benzo(g,h,i)perylene	28.985	276	351305	2.131	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

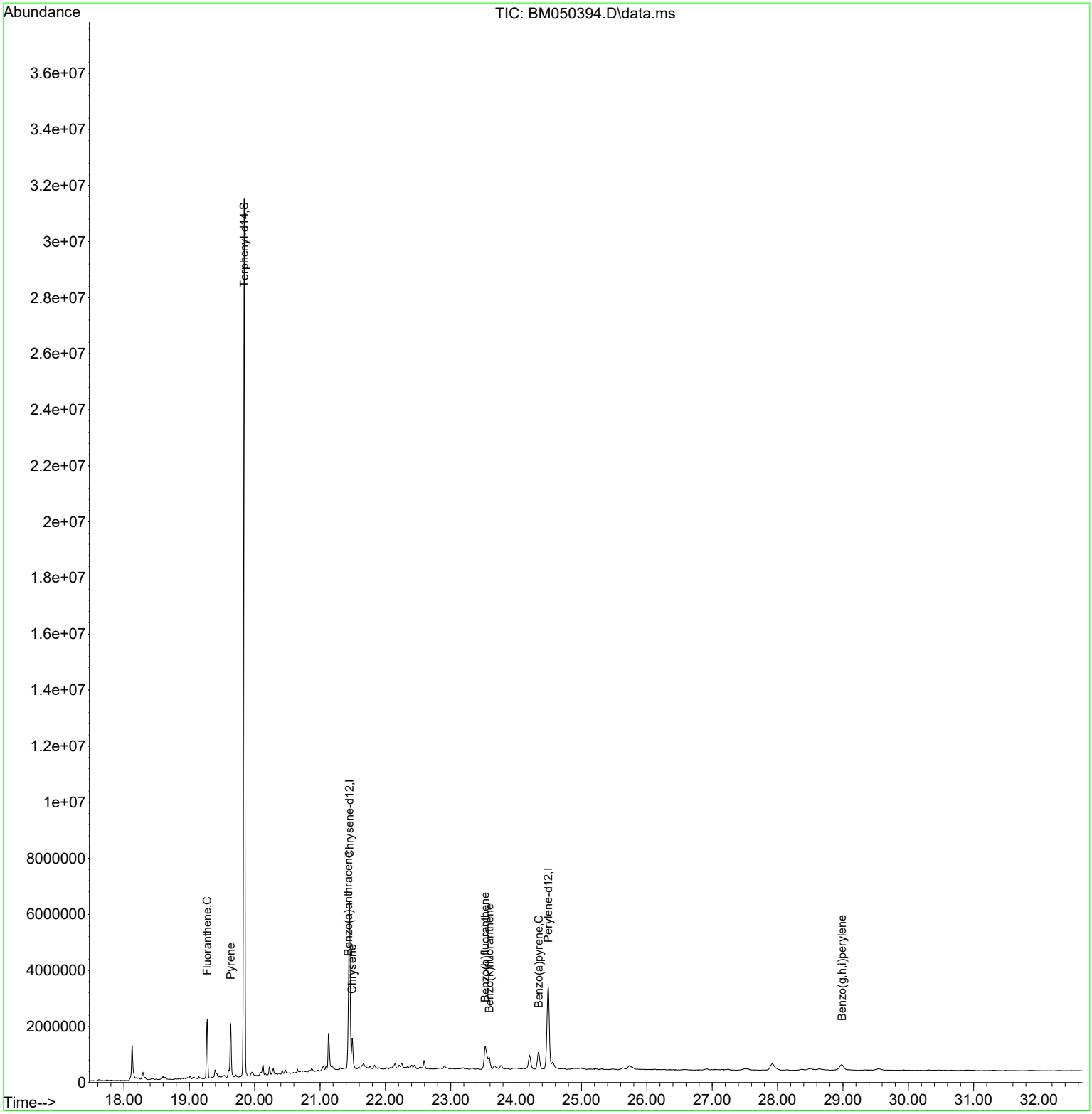
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

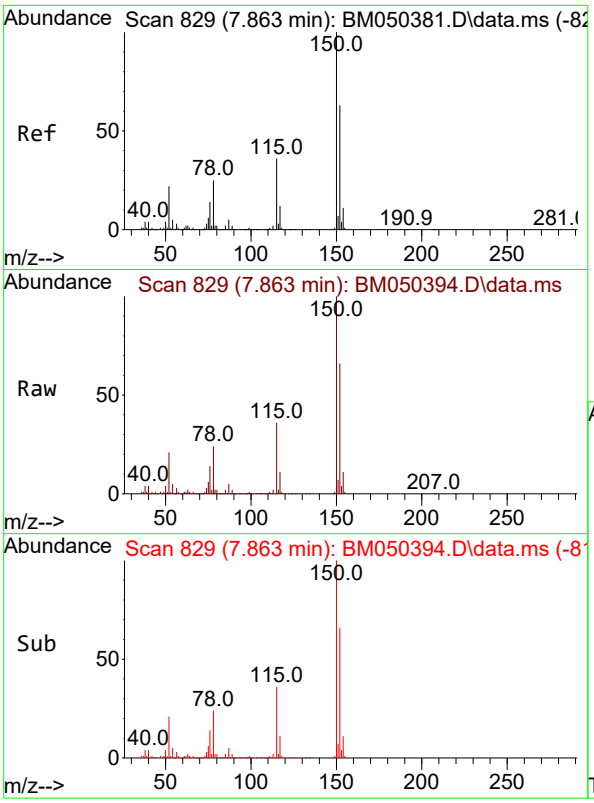


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

Quant Time: Jul 11 01:25:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



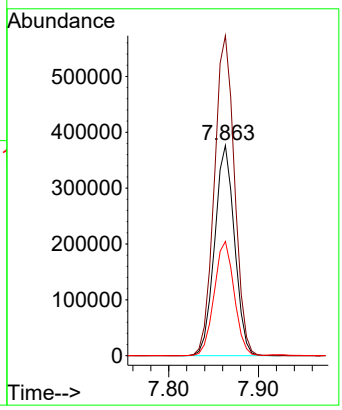


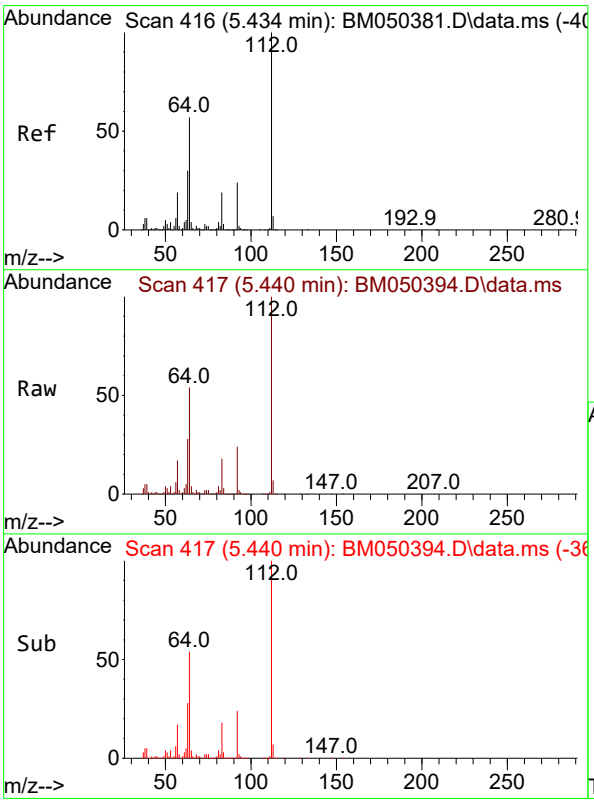
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Instrument :
BNA_M
ClientSampleId :
TP-49

Tgt Ion:152 Resp: 577892

Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.2	189.4
115	54.3	45.8	68.8

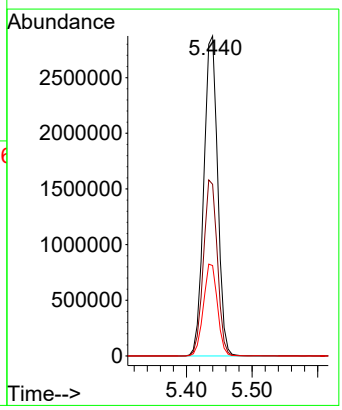


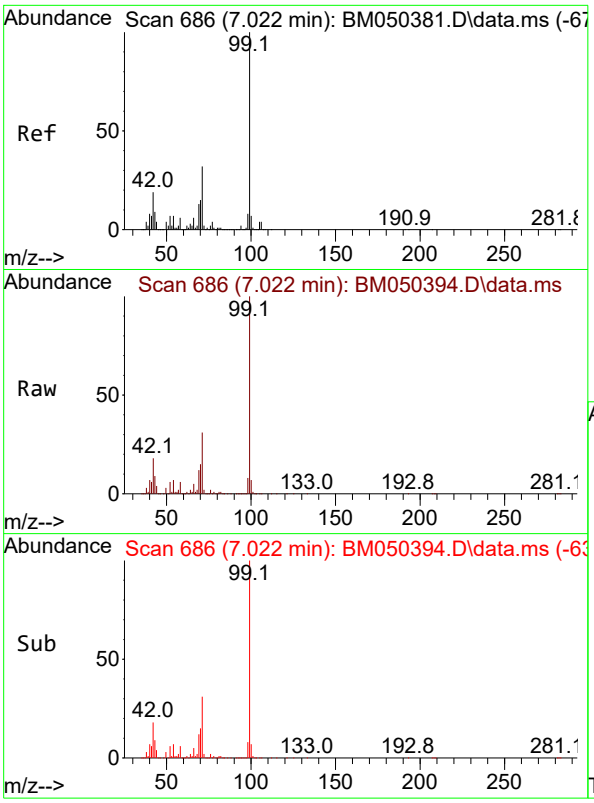


#5
2-Fluorophenol
Concen: 125.714 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Tgt Ion:112 Resp: 4220540

Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.5	68.3
63	28.2	24.2	36.4



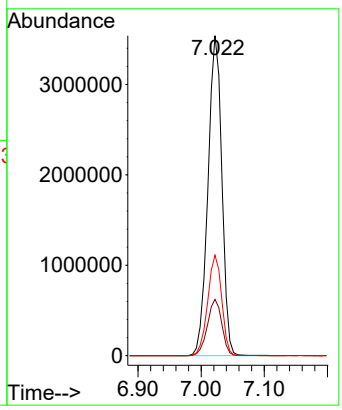


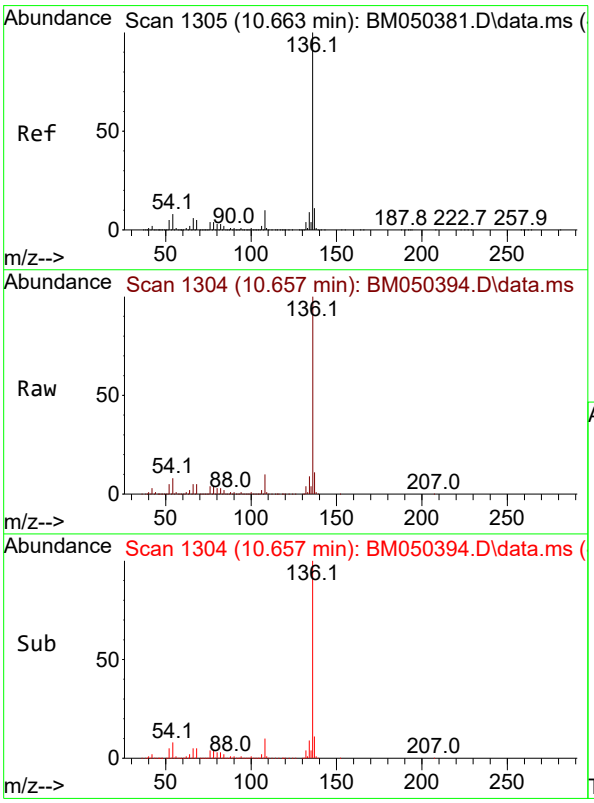
#7
Phenol-d6
Concen: 127.636 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Instrument :
BNA_M
ClientSampleId :
TP-49

Tgt Ion: 99 Resp: 5401795

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.6
71	31.4	25.9	38.9

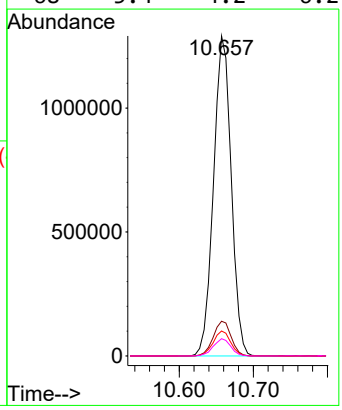


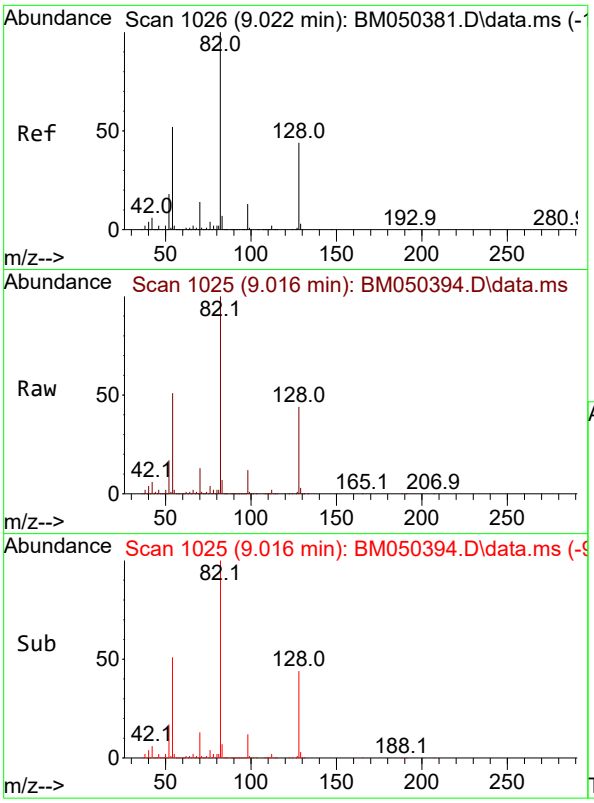


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Tgt Ion:136 Resp: 2139763

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	6.3	9.5
68	5.4	4.2	6.2



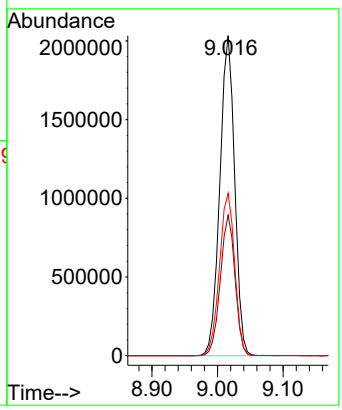


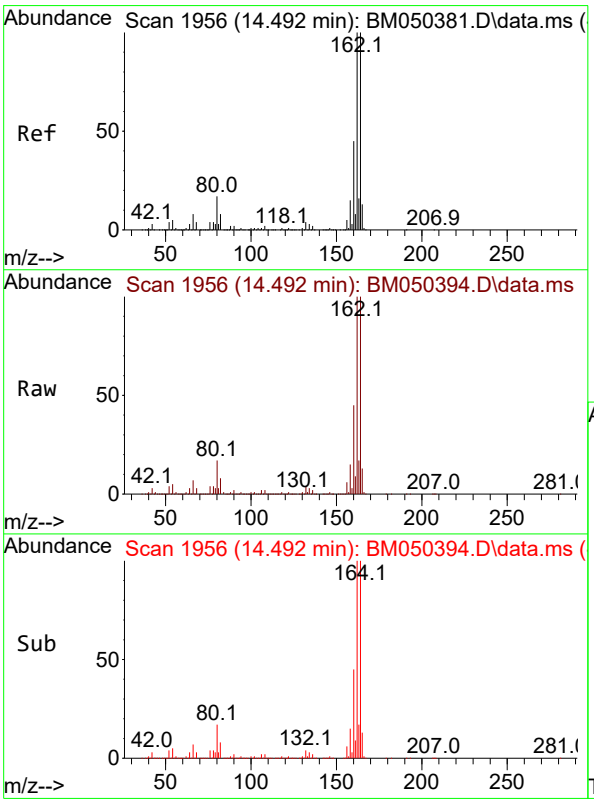
#23
Nitrobenzene-d5
Concen: 75.786 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Instrument :
BNA_M
ClientSampleId :
TP-49

Tgt Ion: 82 Resp: 3178574

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.2	52.8
54	50.8	41.5	62.3

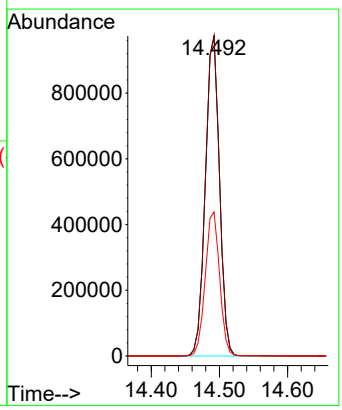


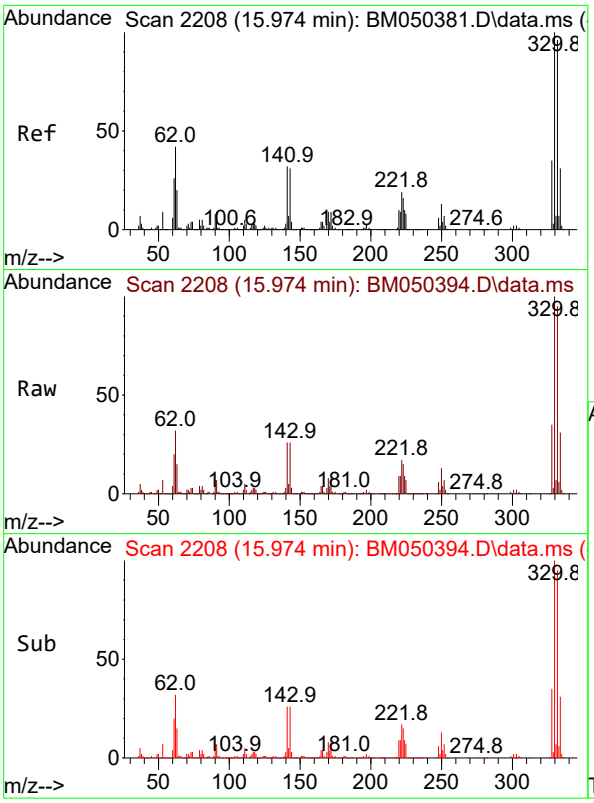


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Tgt Ion:164 Resp: 1403470

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.9	119.9
160	45.0	36.2	54.4



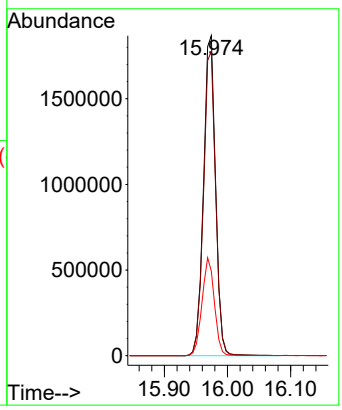


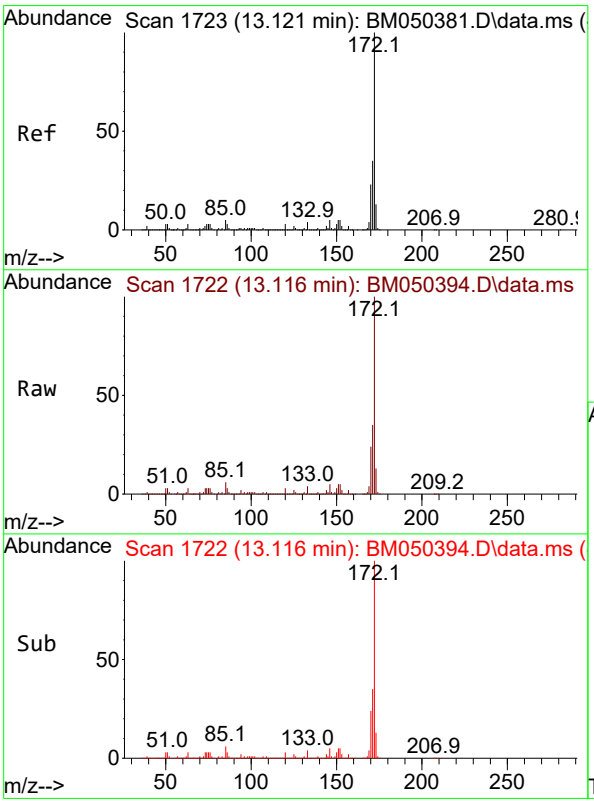
#42
2,4,6-Tribromophenol
Concen: 145.472 ng
RT: 15.974 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Instrument :
BNA_M
ClientSampleId :
TP-49

Tgt Ion:330 Resp: 2480637

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	31.5	27.4	41.0

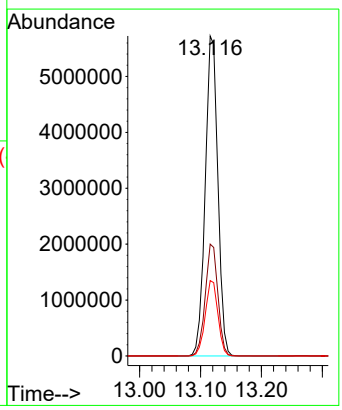


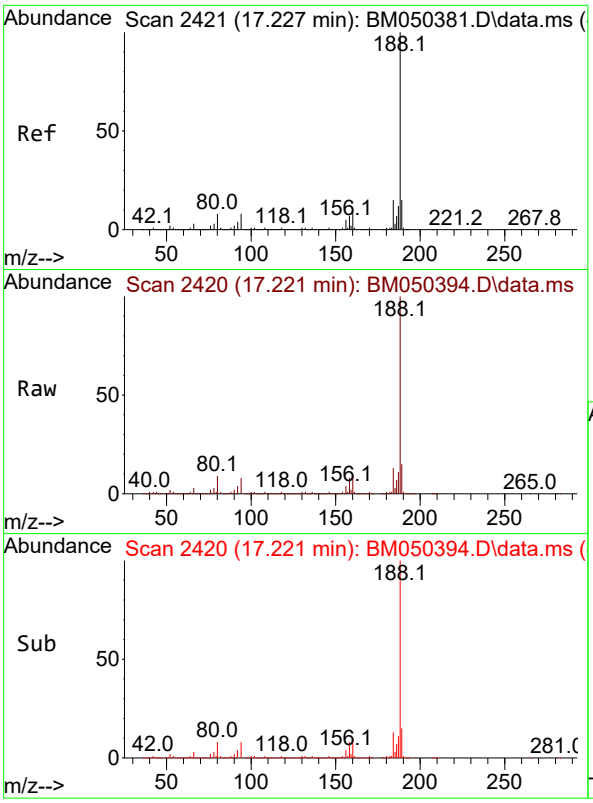


#45
2-Fluorobiphenyl
Concen: 72.340 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Tgt Ion:172 Resp: 8221308

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.7	41.5
170	23.5	18.8	28.2



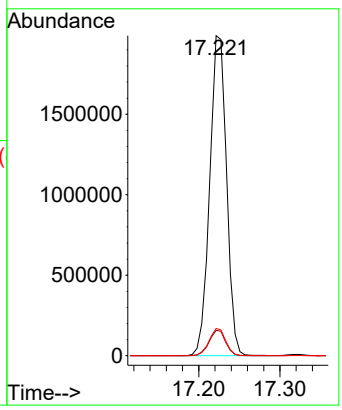


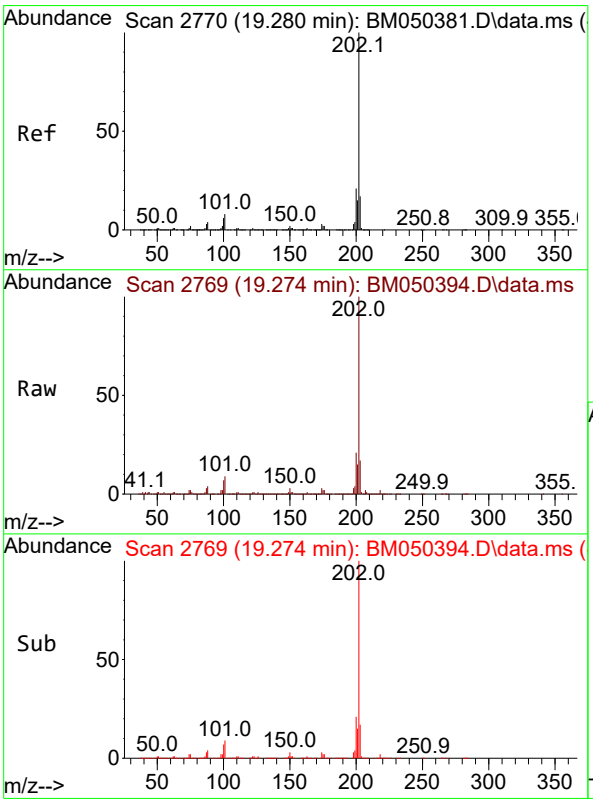
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Instrument :
BNA_M
ClientSampleId :
TP-49

Tgt Ion:188 Resp: 2861157

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.0	9.0
80	8.5	6.5	9.7

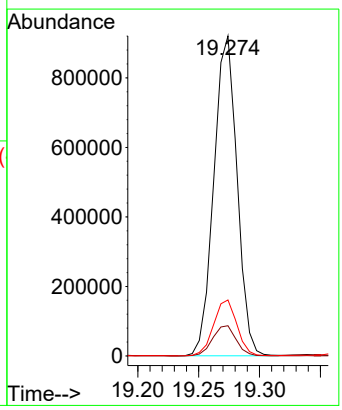


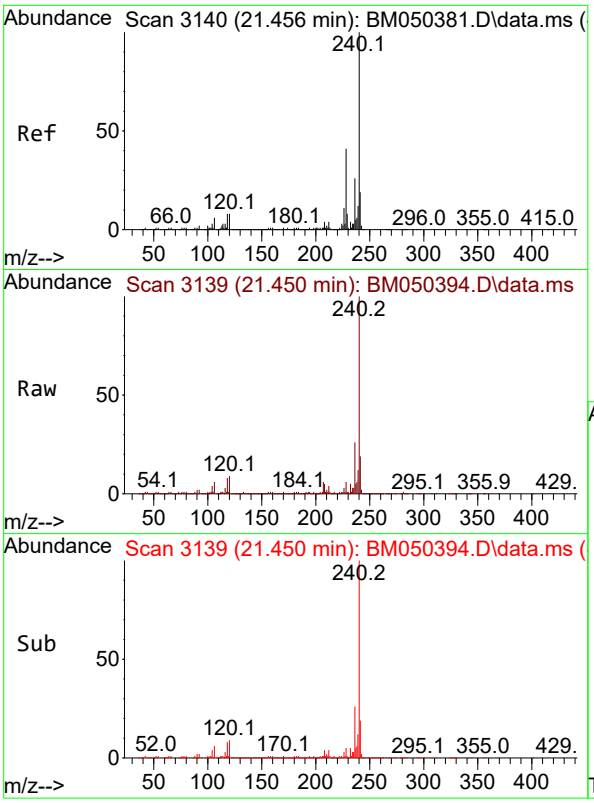


#75
Fluoranthene
Concen: 6.954 ng
RT: 19.274 min Scan# 2769
Delta R.T. -0.006 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Tgt Ion:202 Resp: 1223856

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	28.3
203	17.5	0.0	37.2



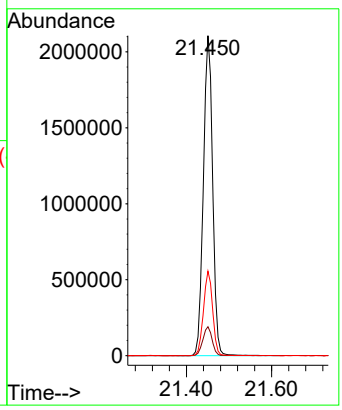


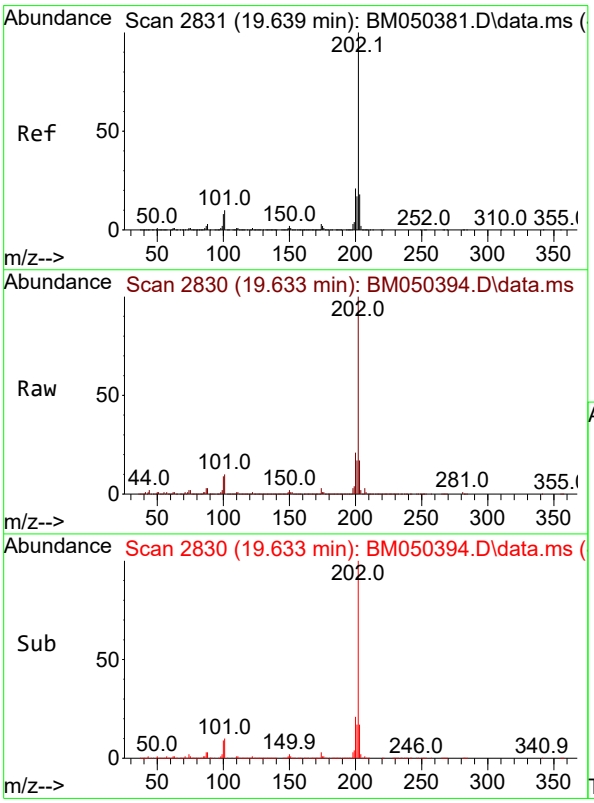
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Instrument :
BNA_M
ClientSampleId :
TP-49

Tgt Ion:240 Resp: 3176116

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.7	10.1
236	26.4	20.7	31.1

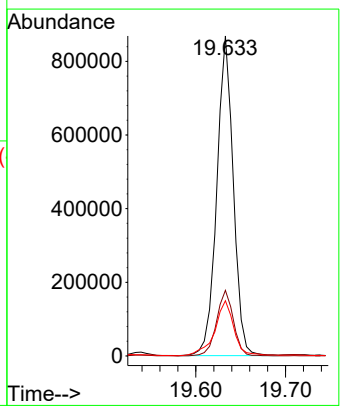


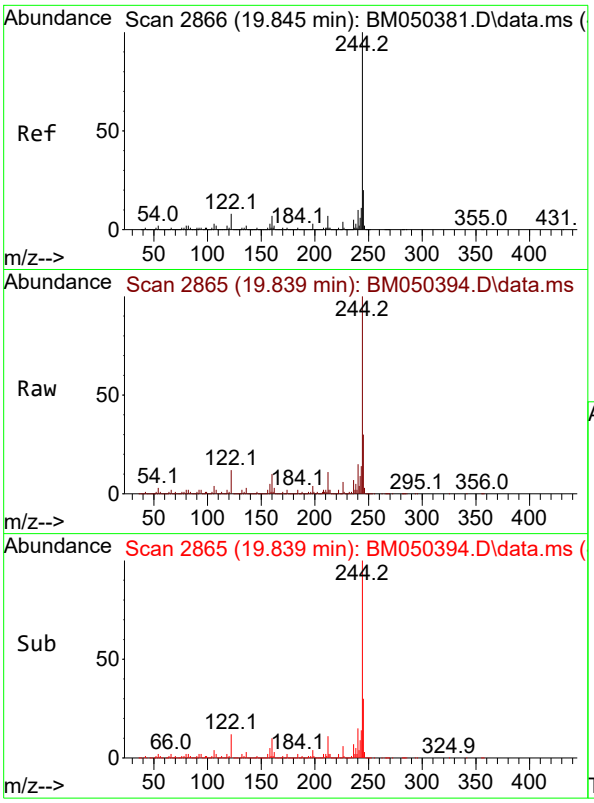


#78
Pyrene
Concen: 5.463 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Tgt Ion:202 Resp: 1111277

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	17.3	14.1	21.1



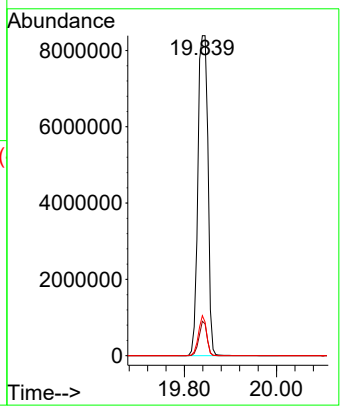


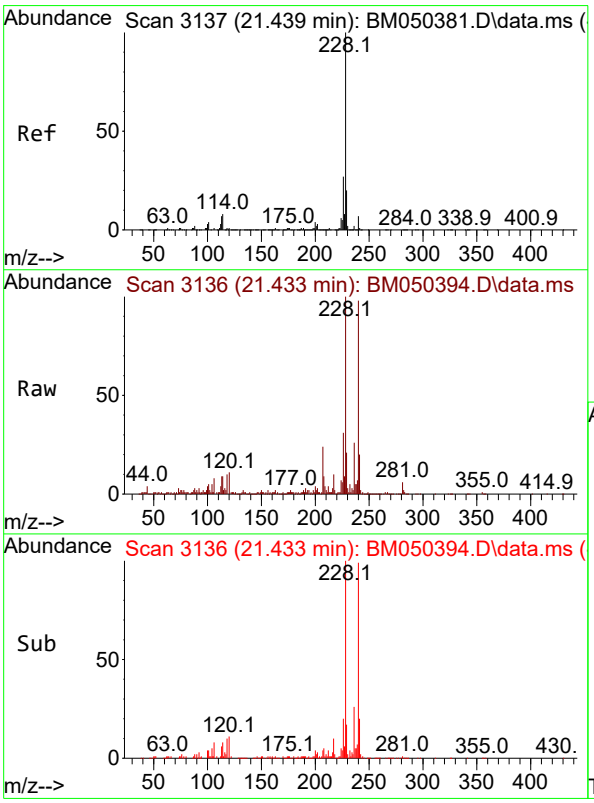
#79
Terphenyl-d14
Concen: 69.849 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Instrument :
BNA_M
ClientSampleId :
TP-49

Tgt Ion:244 Resp:12608869

Ion	Ratio	Lower	Upper
244	100		
212	10.7	5.7	8.5#
122	12.5	6.2	9.2#

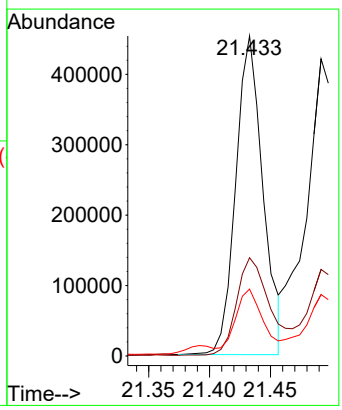


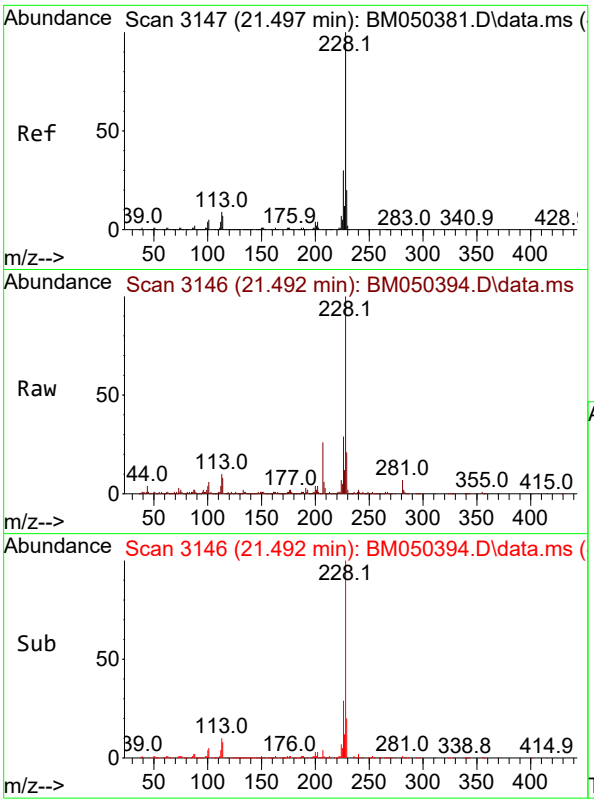


#81
Benzo(a)anthracene
Concen: 3.387 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Tgt Ion:228 Resp: 700934

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.8	32.8
229	20.9	16.0	24.0



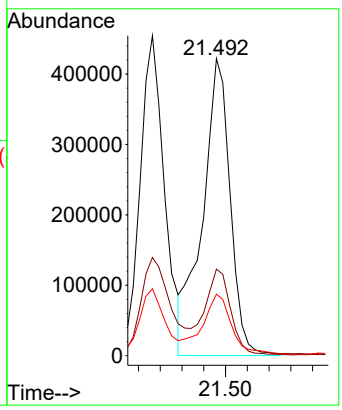


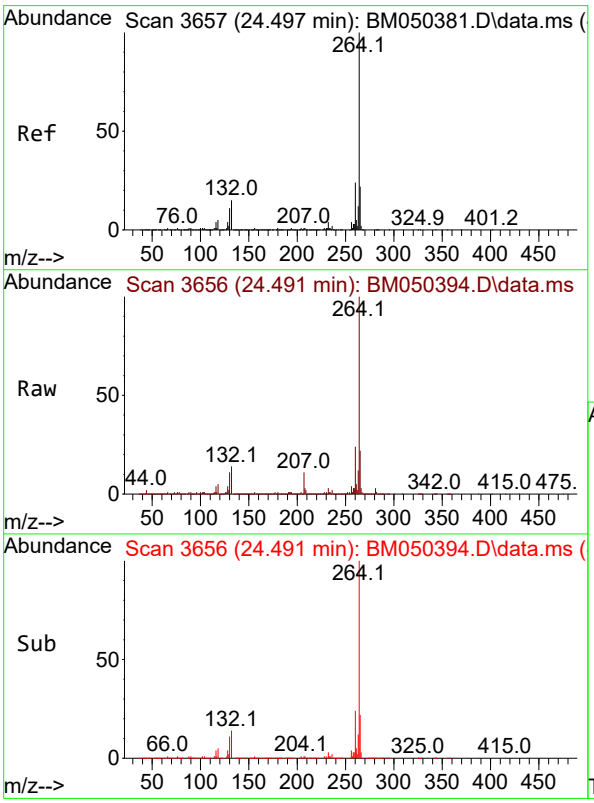
#83
Chrysene
Concen: 3.838 ng m
RT: 21.492 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Instrument :
BNA_M
ClientSampleId :
TP-49

Tgt Ion:228 Resp: 749182

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.2	36.4
229	20.7	15.8	23.6

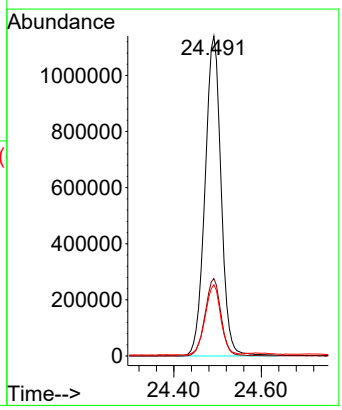


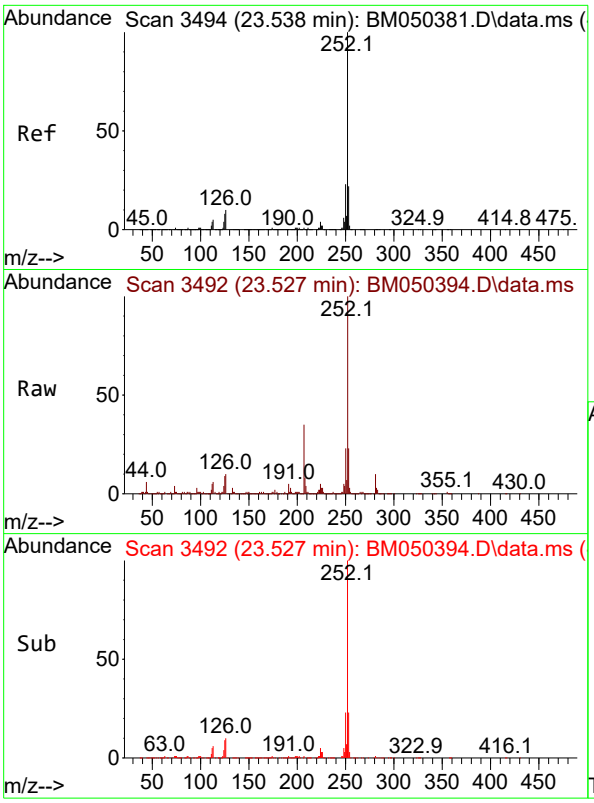


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Tgt Ion:264 Resp: 2913679

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.8	26.6



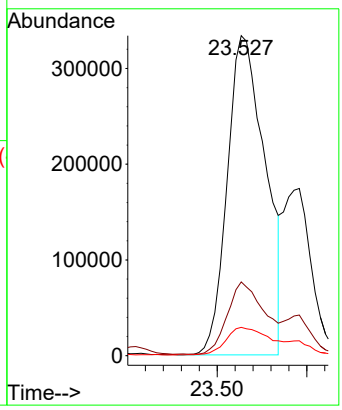


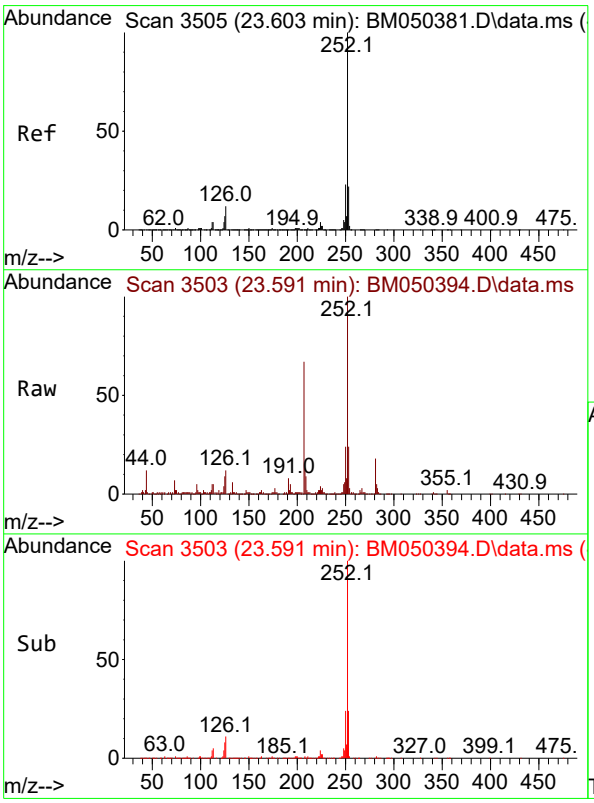
#88
Benzo(b)fluoranthene
Concen: 5.473 ng
RT: 23.527 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Instrument :
BNA_M
ClientSampleId :
TP-49

Tgt Ion:252 Resp: 980799

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	8.8	6.3	9.5

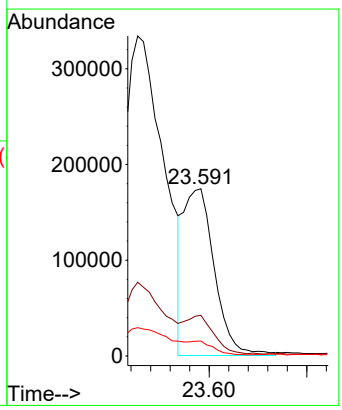


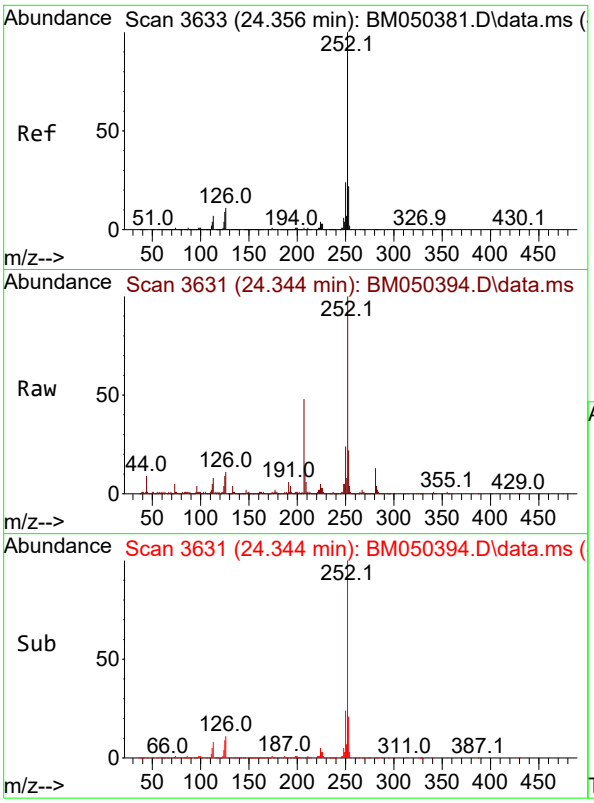


#89
Benzo(k)fluoranthene
Concen: 2.054 ng m
RT: 23.591 min Scan# 3503
Delta R.T. -0.012 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Tgt Ion:252 Resp: 382007

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	8.9	6.2	9.2



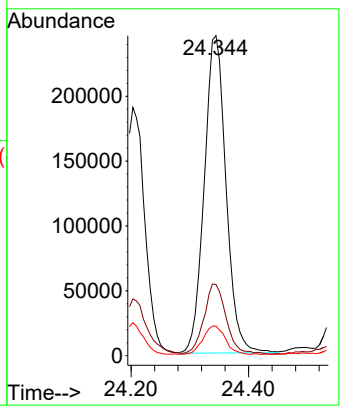


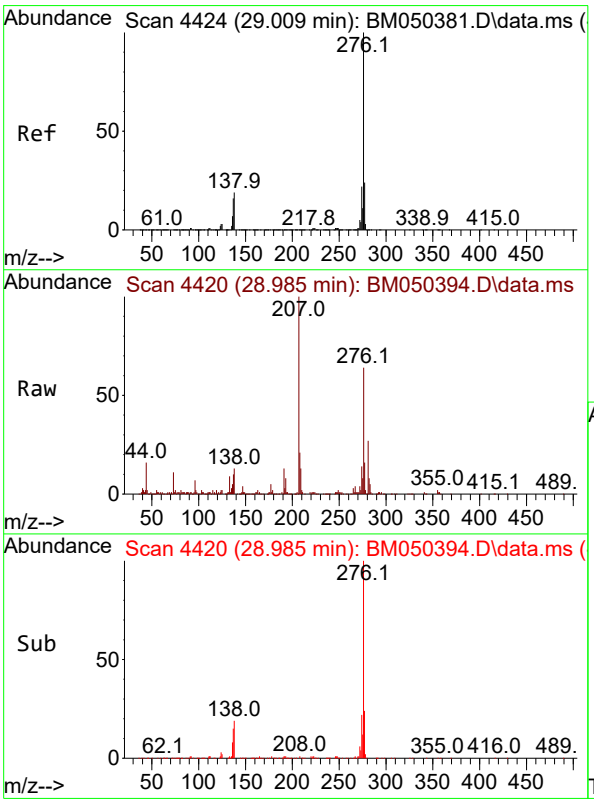
#90
Benzo(a)pyrene
Concen: 3.753 ng
RT: 24.344 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Instrument :
BNA_M
ClientSampleId :
TP-49

Tgt Ion:252 Resp: 629576

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.3	7.0	10.4

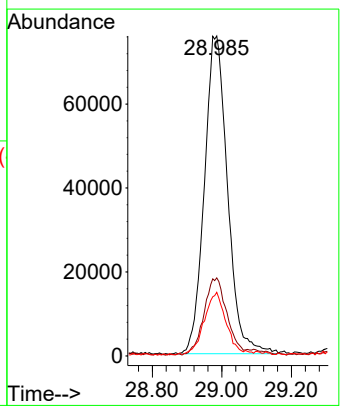




#92
Benzo(g,h,i)perylene
Concen: 2.131 ng
RT: 28.985 min Scan# 4420
Delta R.T. -0.023 min
Lab File: BM050394.D
Acq: 10 Jul 2025 17:58

Tgt Ion:276 Resp: 351305

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	19.9	14.9	22.3



Sample Results: **BM050394.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

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_M\Methods\8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050394.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	24	rVB	1660333	2233456	5.71%	1.242%
2	4.969	332	337	344	rBV	771471	1125171	2.88%	0.625%
3	5.434	409	416	426	rBV	9505268	14236190	36.38%	7.914%
4	7.022	678	686	697	rBV	9648023	15096479	38.58%	8.392%
5	7.863	819	829	836	rBV	2099299	3297918	8.43%	1.833%
6	9.016	1014	1025	1036	rBV	5938912	9480268	24.23%	5.270%
7	10.657	1296	1304	1311	rBV	2603843	4347286	11.11%	2.417%
8	13.116	1715	1722	1731	rBV	15789757	22790691	58.24%	12.669%
9	14.492	1947	1956	1962	rBV	3973098	5851192	14.95%	3.253%
10	15.845	2178	2186	2192	rBV	1326285	1817451	4.64%	1.010%
11	15.968	2200	2207	2231	rBV	13315023	18400344	47.02%	10.229%
12	17.227	2414	2421	2425	rBV	4742202	6951195	17.76%	3.864%
13	17.262	2425	2427	2432	rVB	348860	427611	1.09%	0.238%
14	18.127	2564	2574	2582	rBV2	1243930	2107383	5.39%	1.172%
15	19.274	2763	2769	2775	rBV	2090297	2804723	7.17%	1.559%
16	19.633	2826	2830	2839	rVB	1908650	2518720	6.44%	1.400%
17	19.839	2857	2865	2878	rBV	31307279	39131227	100.00%	21.753%
18	20.127	2910	2914	2918	rVB	357206	469005	1.20%	0.261%
19	21.133	3081	3085	3091	rBV2	1266368	1855251	4.74%	1.031%
20	21.450	3131	3139	3144	rBV3	5949090	10794216	27.58%	6.001%
21	21.492	3144	3146	3159	rVB	1106843	1570409	4.01%	0.873%
22	22.592	3330	3333	3340	rVB	287324	422699	1.08%	0.235%
23	23.527	3486	3492	3500	rBV	747444	2258459	5.77%	1.255%
24	24.203	3602	3607	3620	rVB	486242	1188381	3.04%	0.661%
25	24.344	3624	3631	3640	rVB	588238	1473177	3.76%	0.819%
26	24.491	3647	3656	3664	rBV	2894727	7238009	18.50%	4.024%

Sum of corrected areas: 179886911

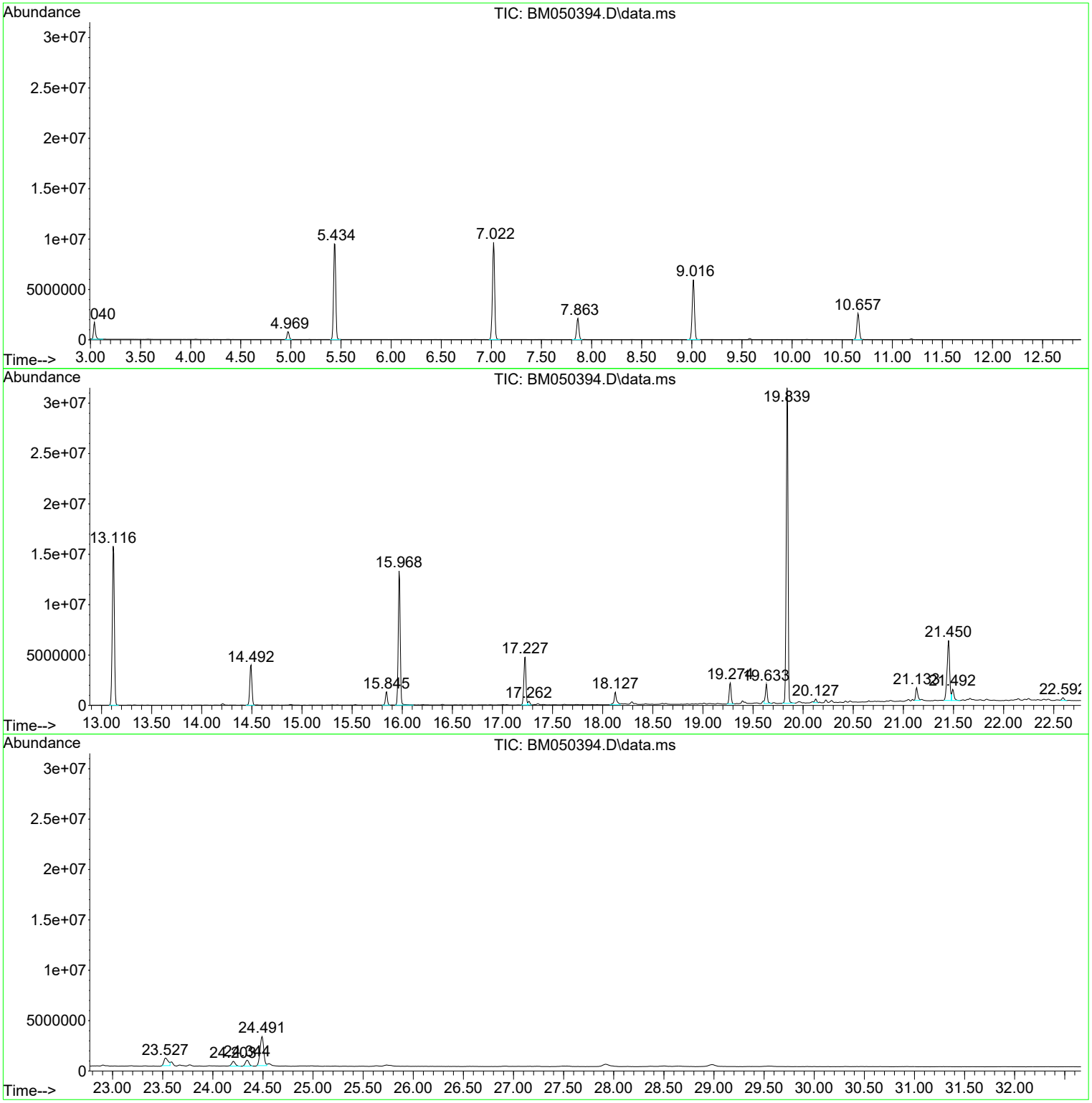
Sample Results: **BM050394.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BM050394.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

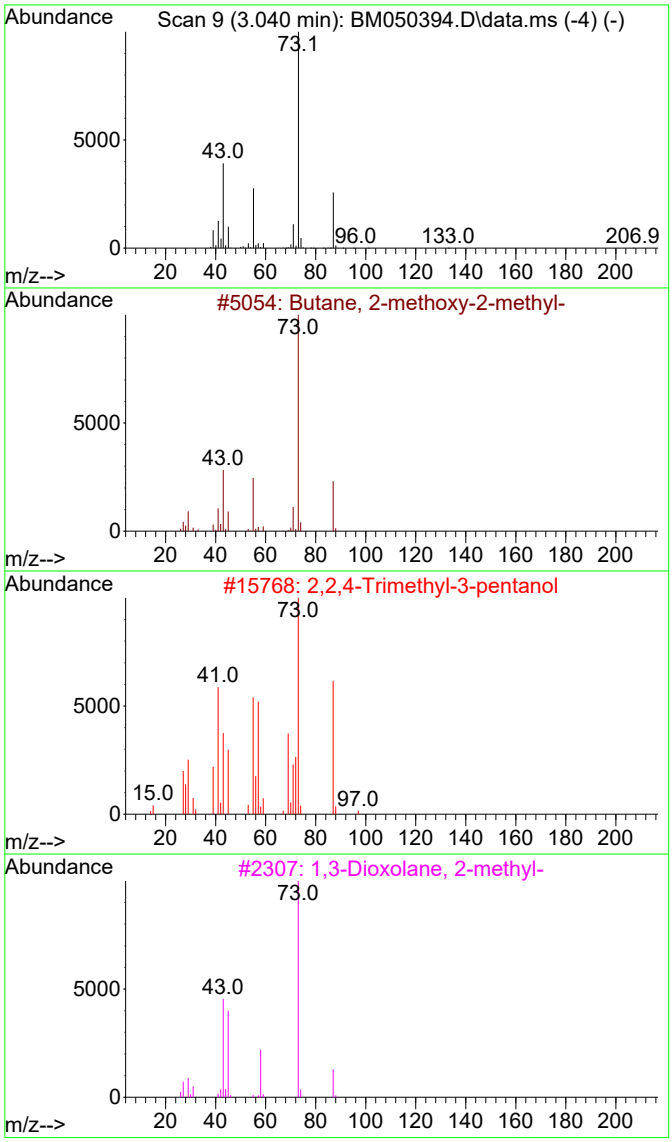
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

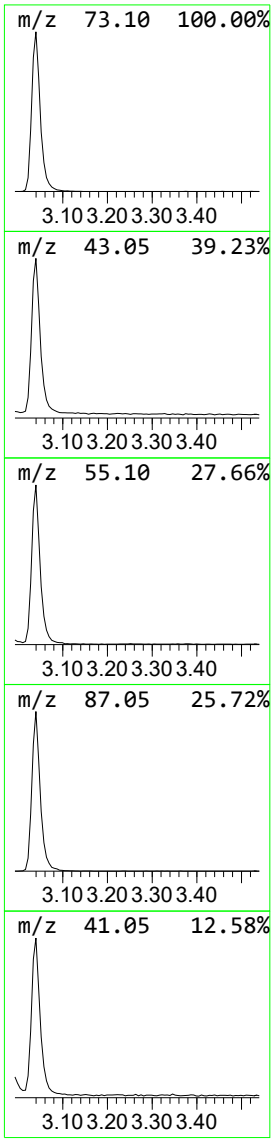
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	13.54 ng	2233460	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

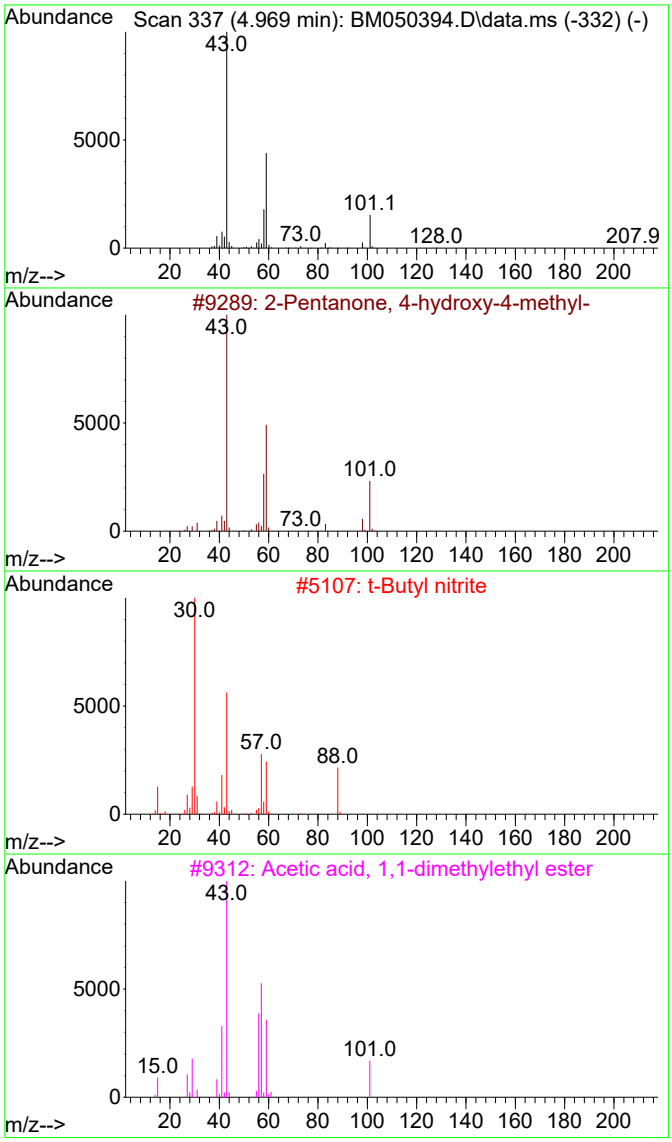
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

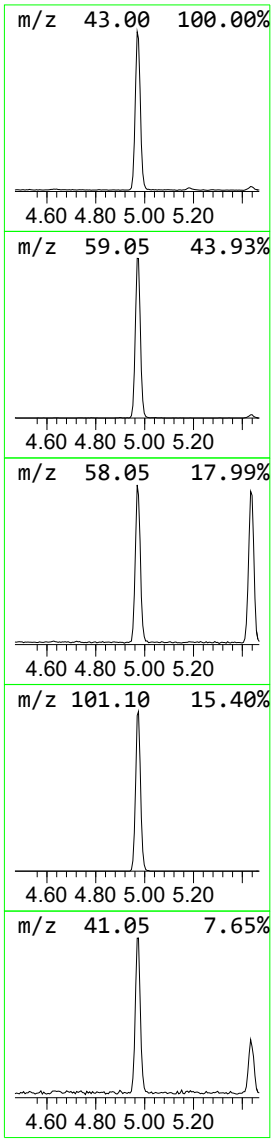
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	6.82 ng	1125170	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	t-Butyl nitrite	103	C4H9NO2	000540-80-7	38
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Sample Results: **BM050394.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

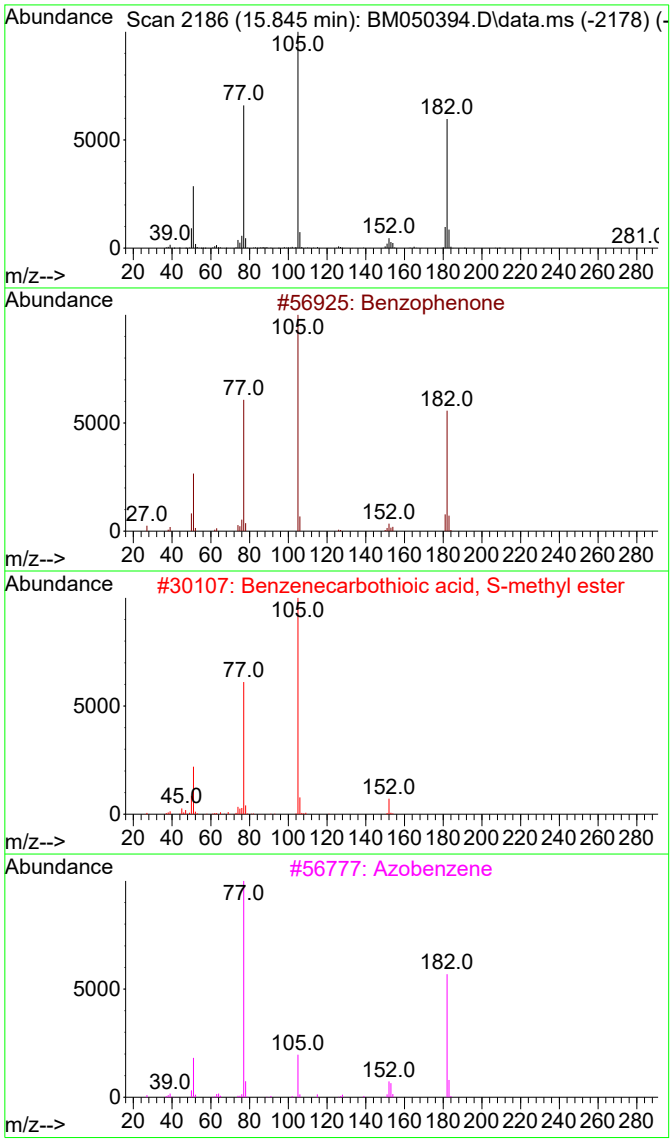
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

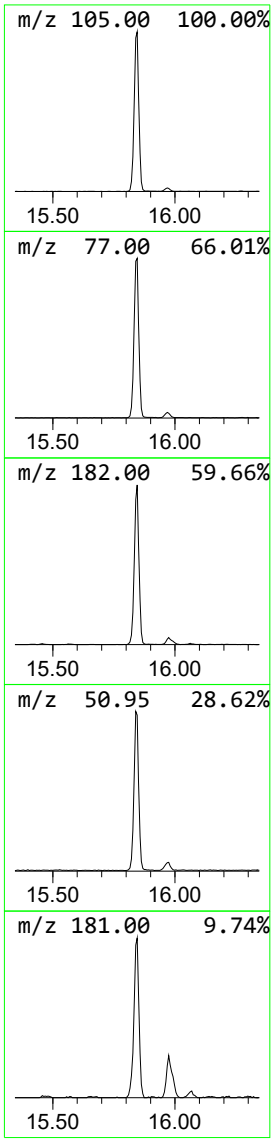
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Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	6.21 ng	1817450	Acenaphthene-d10	14.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	Azobenzene	182	C12H10N2	000103-33-3	52
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

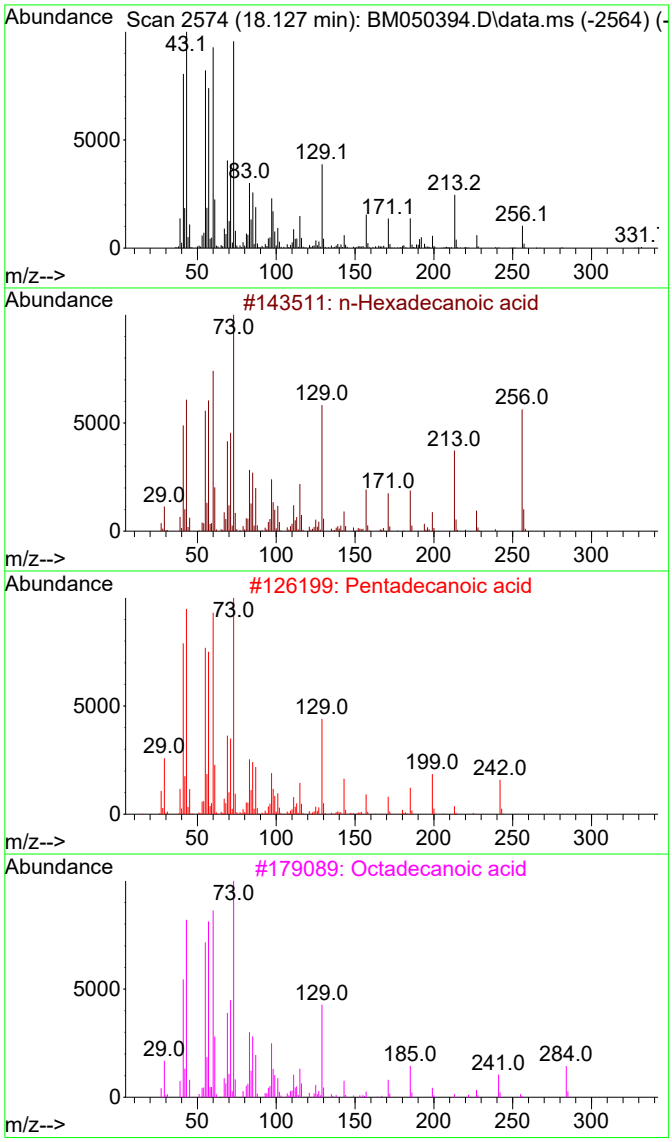
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TIC Integration Parameters: LSCINT.P

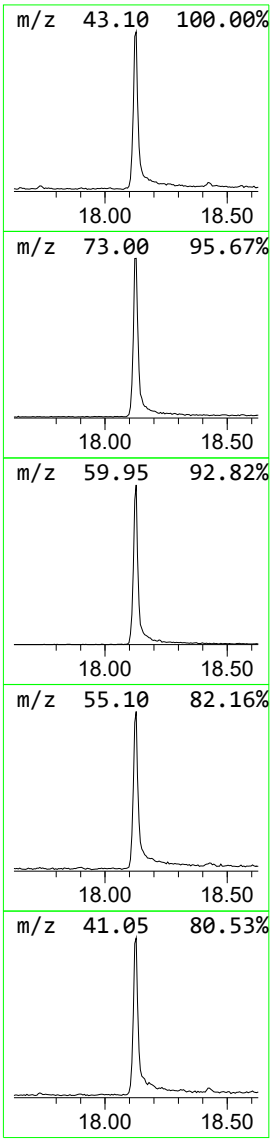
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	6.06 ng	2107380	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

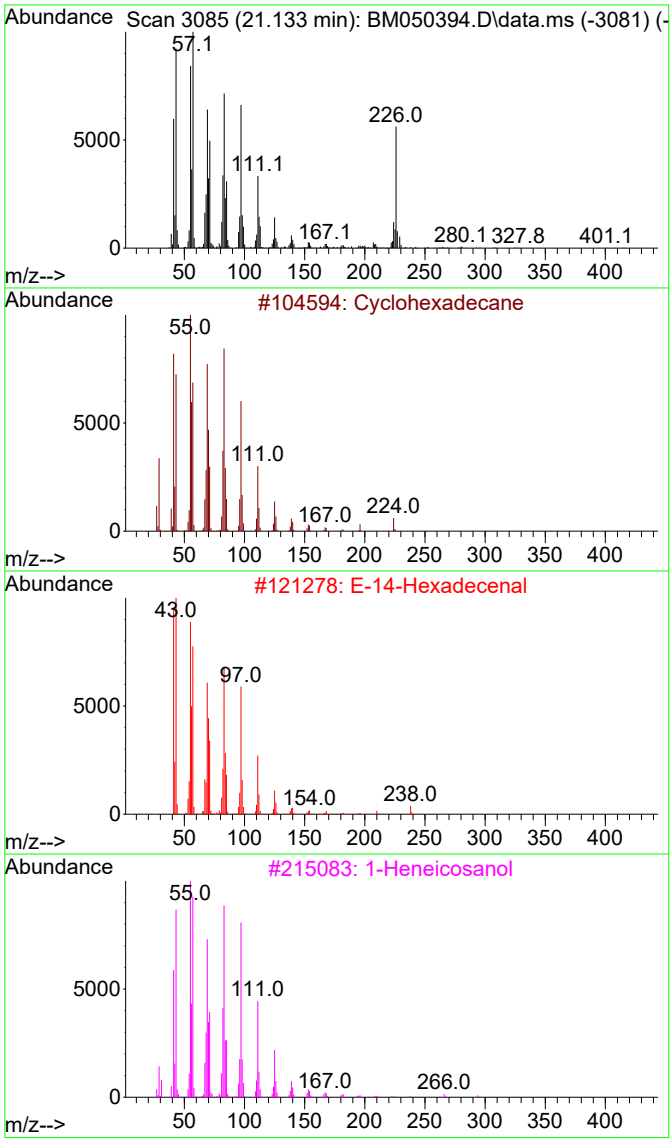
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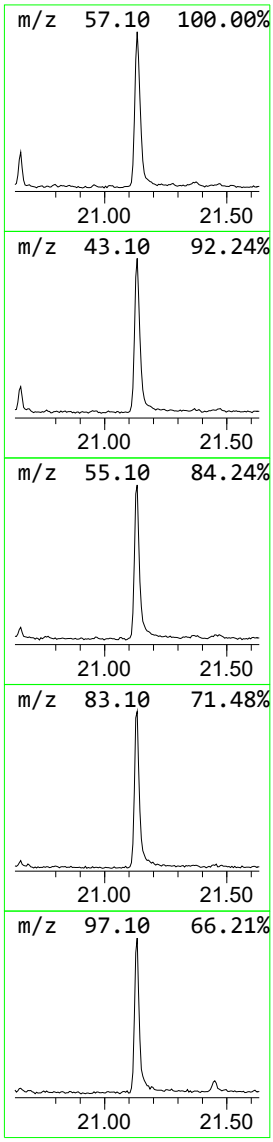
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Peak Number 5 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	3.44 ng	1855250	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	92
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	89
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

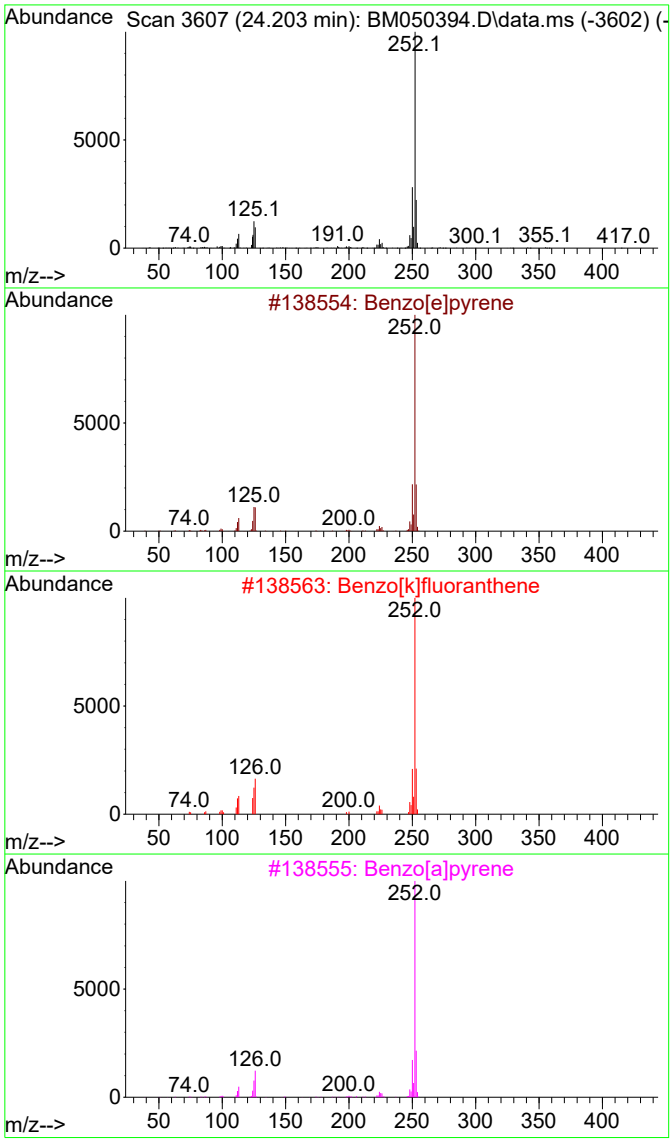
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

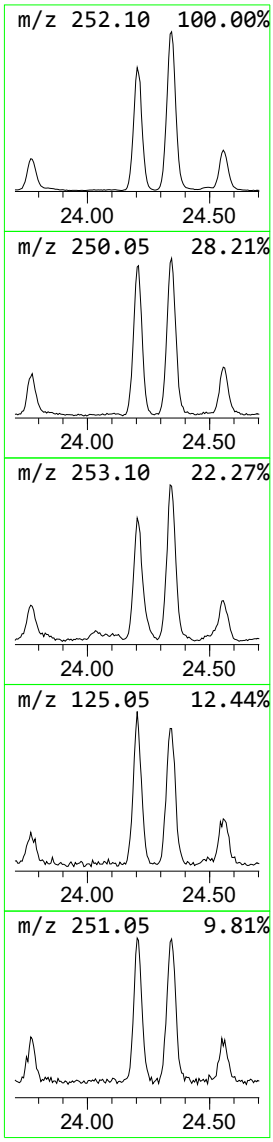
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Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.203	3.28 ng	1188380	Perylene-d12	24.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	90





Sample Results: **BM050394.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.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
Butane, 2-metho...	3.040	13.5	ng	2233460	1	7.863	3297920	20.0
2-Pentanone, 4-...	4.969	6.8	ng	1125170	1	7.863	3297920	20.0
Benzophenone	15.845	6.2	ng	1817450	3	14.492	5851190	20.0
n-Hexadecanoic ...	18.127	6.1	ng	2107380	4	17.221	6951200	20.0
Cyclohexadecane	21.133	3.4	ng	1855250	5	21.451	10794200	20.0
Benzo[e]pyrene	24.203	3.3	ng	1188380	6	24.491	7238010	20.0

Raw Data: **BM050402.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-23	SDG No.:	Q2543
Lab Sample ID:	Q2543-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85
Sample Wt/Vol:	30.04 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
BM050402.D	1	07/10/25 09:55	07/10/25 23:19	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	390	ug/Kg
108-95-2	Phenol	26.0	U	26.0	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.6	U	28.6	200	ug/Kg
95-57-8	2-Chlorophenol	28.7	U	28.7	200	ug/Kg
95-48-7	2-Methylphenol	35.1	U	35.1	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44.1	U	44.1	200	ug/Kg
98-86-2	Acetophenone	34.7	U	34.7	200	ug/Kg
65794-96-9	3+4-Methylphenols	48.3	U	48.3	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.7	U	55.7	94.0	ug/Kg
67-72-1	Hexachloroethane	20.7	U	20.7	200	ug/Kg
98-95-3	Nitrobenzene	21.5	U	21.5	200	ug/Kg
78-59-1	Isophorone	38.5	U	38.5	200	ug/Kg
88-75-5	2-Nitrophenol	68.4	U	68.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	76.1	U	76.1	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.2	U	36.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.2	U	33.2	200	ug/Kg
91-20-3	Naphthalene	26.7	U	26.7	200	ug/Kg
106-47-8	4-Chloroaniline	41.6	U	41.6	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.7	UQ	29.7	200	ug/Kg
105-60-2	Caprolactam	61.2	U	61.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33.7	U	33.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	30.1	U	30.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	UQ	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.3	UQ	23.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.2	UQ	34.2	200	ug/Kg
92-52-4	1,1-Biphenyl	25.6	U	25.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.4	U	26.4	200	ug/Kg
88-74-4	2-Nitroaniline	56.5	U	56.5	200	ug/Kg
131-11-3	Dimethylphthalate	31.8	U	31.8	200	ug/Kg

Raw Data: **BM050402.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-23	SDG No.:	Q2543
Lab Sample ID:	Q2543-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85
Sample Wt/Vol:	30.04 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
BM050402.D	1	07/10/25 09:55	07/10/25 23:19	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	34.0	U	34.0	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.5	U	39.5	200	ug/Kg
99-09-2	3-Nitroaniline	54.0	U	54.0	200	ug/Kg
83-32-9	Acenaphthene	25.0	U	25.0	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	26.7	U	26.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.9	U	58.9	200	ug/Kg
84-66-2	Diethylphthalate	33.2	U	33.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.4	U	31.4	200	ug/Kg
86-73-7	Fluorene	29.7	U	29.7	200	ug/Kg
100-01-6	4-Nitroaniline	75.4	U	75.4	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	UQ	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	38.7	U	38.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32.7	U	32.7	200	ug/Kg
118-74-1	Hexachlorobenzene	29.7	UQ	29.7	200	ug/Kg
1912-24-9	Atrazine	39.9	U	39.9	200	ug/Kg
87-86-5	Pentachlorophenol	60.3	U	60.3	390	ug/Kg
85-01-8	Phenanthrene	24.6	U	24.6	200	ug/Kg
120-12-7	Anthracene	39.1	U	39.1	200	ug/Kg
86-74-8	Carbazole	36.7	U	36.7	200	ug/Kg
84-74-2	Di-n-butylphthalate	56.3	U	56.3	200	ug/Kg
206-44-0	Fluoranthene	35.2	U	35.2	200	ug/Kg
129-00-0	Pyrene	42.3	U	42.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	83.9	UQ	83.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43.1	U	43.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	27.0	U	27.0	200	ug/Kg
218-01-9	Chrysene	23.4	U	23.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69.6	U	69.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.3	U	22.3	200	ug/Kg

Raw Data: **BM050402.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-23	SDG No.:	Q2543
Lab Sample ID:	Q2543-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85
Sample Wt/Vol:	30.04 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
BM050402.D	1	07/10/25 09:55	07/10/25 23:19	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	26.3	U	26.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	34.7	UQ	34.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.2	UQ	34.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.2	U	32.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.2	U	30.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.1	U	30.1	200	ug/Kg
123-91-1	1,4-Dioxane	53.1	U	53.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.2	U	32.2	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	79.6		18 - 112	53%	SPK: 150
13127-88-3	Phenol-d6	80.4		15 - 107	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	47.2		18 - 107	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.8		20 - 109	41%	SPK: 100
118-79-6	2,4,6-Tribromophenol	87.6		10 - 116	58%	SPK: 150
1718-51-0	Terphenyl-d14	46.6		10 - 105	47%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	581000	7.863			
1146-65-2	Naphthalene-d8	2130000	10.657			
15067-26-2	Acenaphthene-d10	1370000	14.492			
1517-22-2	Phenanthrene-d10	2790000	17.221			
1719-03-5	Chrysene-d12	3010000	21.445			
1520-96-3	Perylene-d12	2990000	24.485			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	410	J		3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	AB		4.97	ug/Kg
000119-61-9	Benzophenone	230	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	120	J		18.1	ug/Kg
074685-30-6	5-Eicosene, (E)-	79.9	J		21.1	ug/Kg

Raw Data: **BM050402.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-23	SDG No.:	Q2543
Lab Sample ID:	Q2543-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85
Sample Wt/Vol:	30.04 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
BM050402.D	1	07/10/25 09:55	07/10/25 23:19	PB168787

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_M\Data\BM071025\
Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23

Quant Time: Jul 11 01:29:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

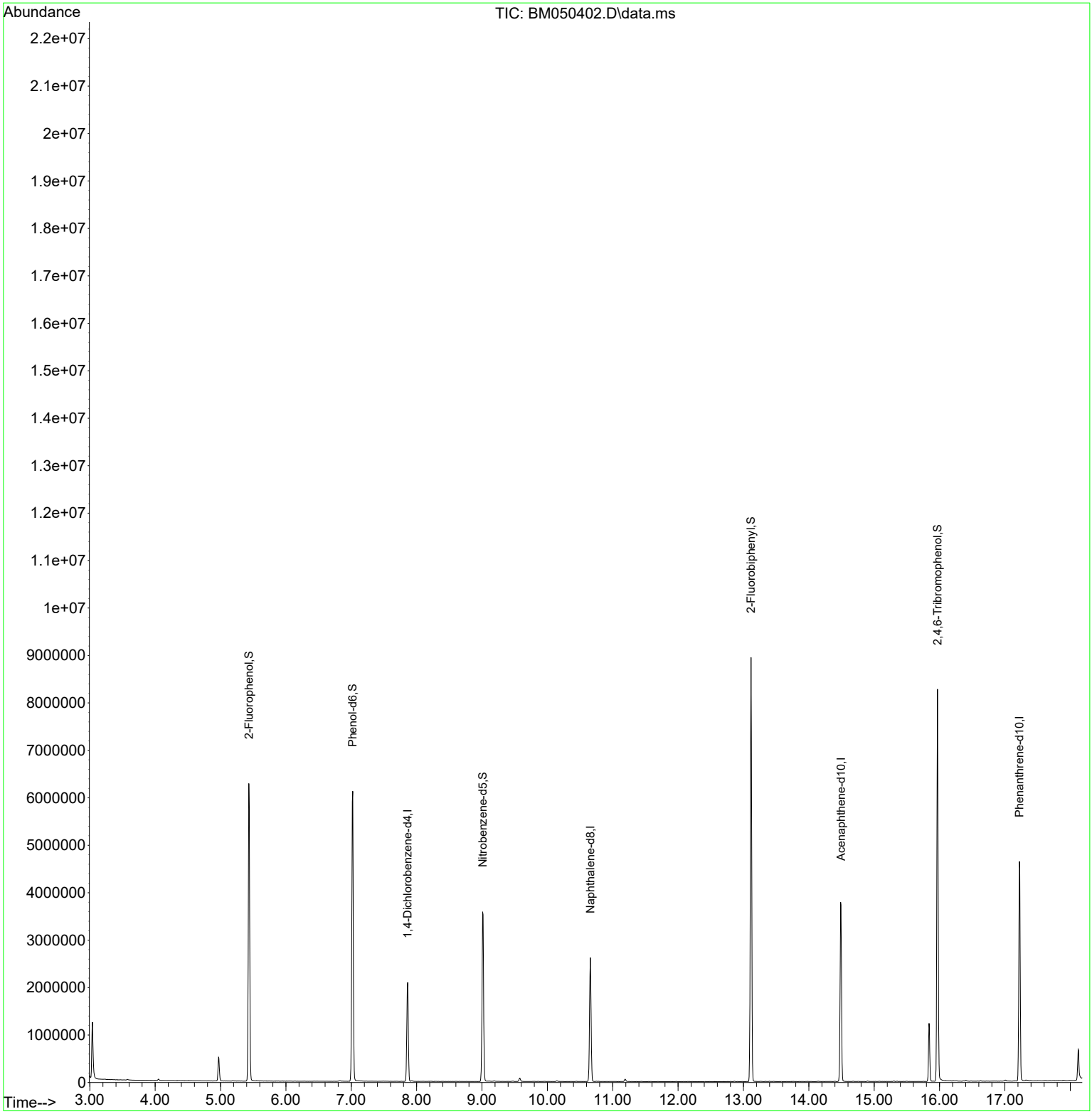
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	581438	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	2127796	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1370947	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	2792859	20.000	ng	0.00
76) Chrysene-d12	21.445	240	3011882	20.000	ng	-0.01
86) Perylene-d12	24.485	264	2989154	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2690025	79.637	ng	0.00
7) Phenol-d6	7.022	99	3422700	80.380	ng	0.00
23) Nitrobenzene-d5	9.010	82	1967751	47.181	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	1458815	87.579	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	4532154	40.825	ng	0.00
79) Terphenyl-d14	19.839	244	7976396	46.596	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23

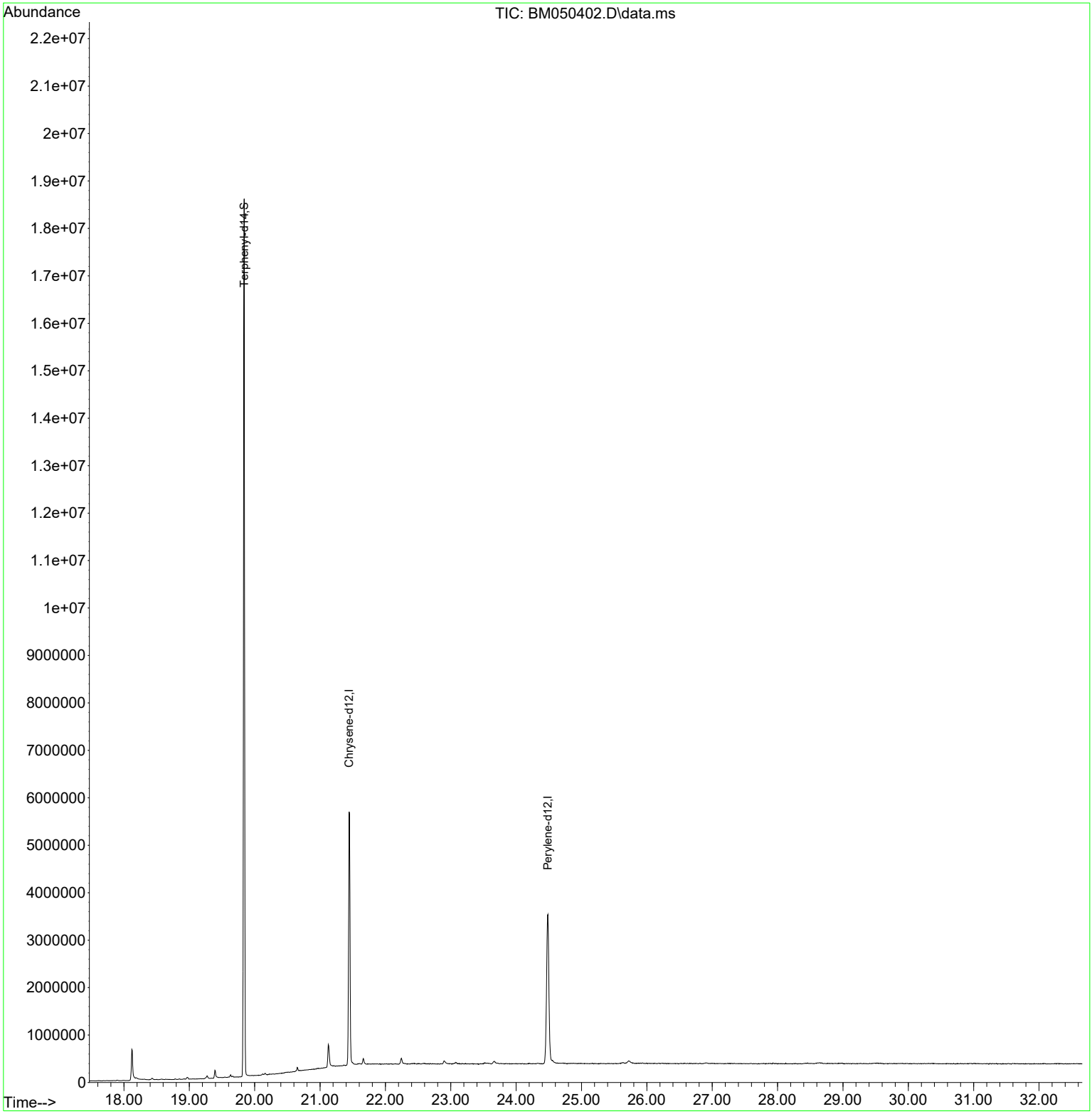
Quant Time: Jul 11 01:29:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

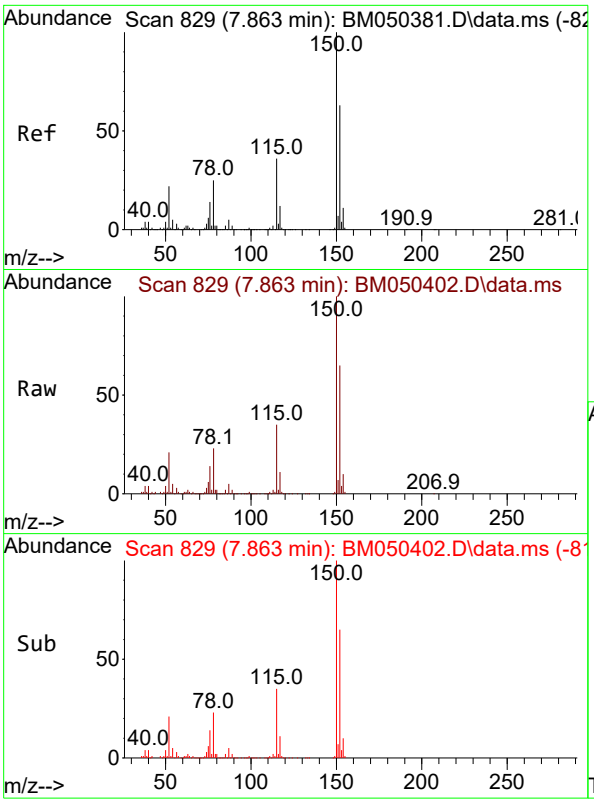


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23

Quant Time: Jul 11 01:29:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



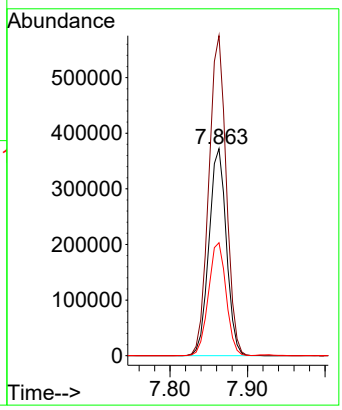


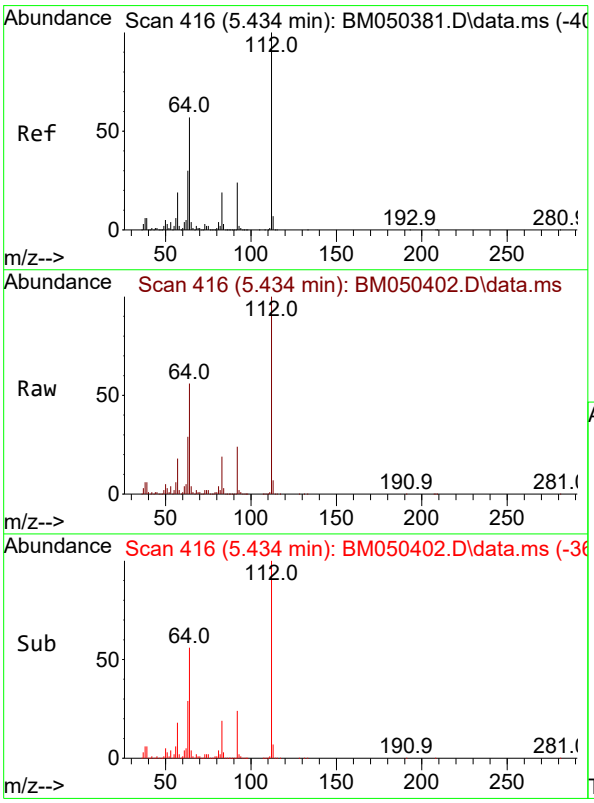
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion:152 Resp: 581438

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.4
115	54.6	45.8	68.8

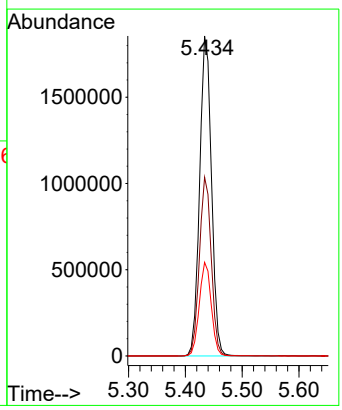


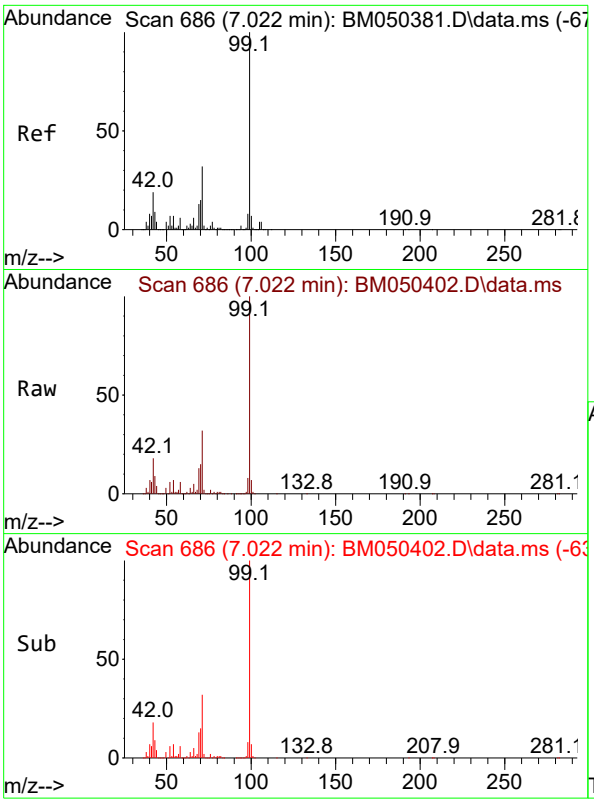


#5
2-Fluorophenol
Concen: 79.637 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Tgt Ion:112 Resp: 2690025

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.5	68.3
63	29.3	24.2	36.4



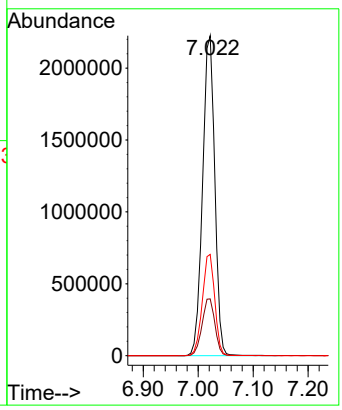


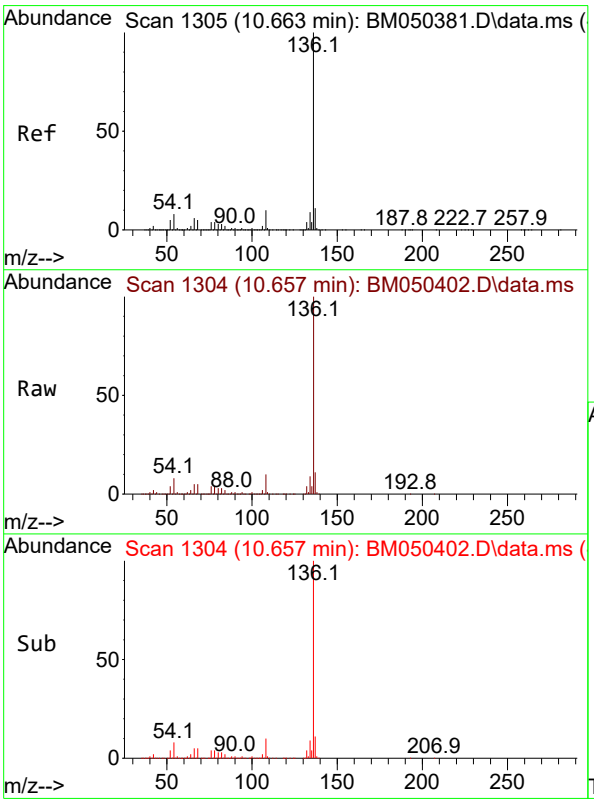
#7
Phenol-d6
Concen: 80.380 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion: 99 Resp: 3422700

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.6
71	31.6	25.9	38.9

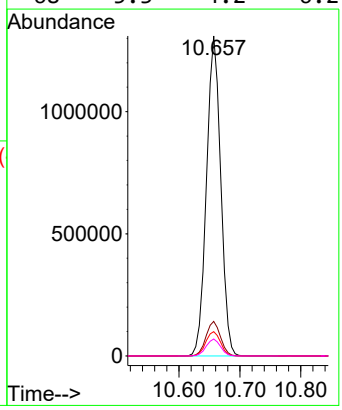


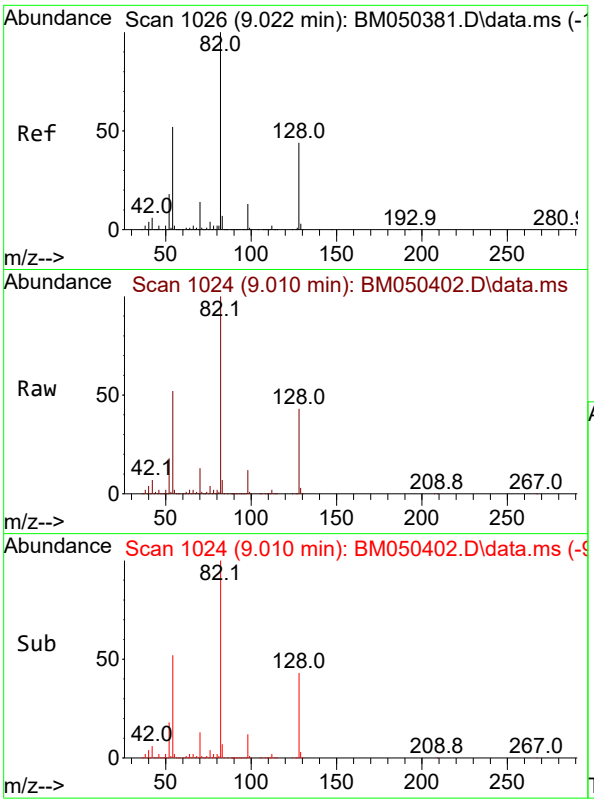


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Tgt Ion:136 Resp: 2127796

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.6	6.3	9.5
68	5.3	4.2	6.2



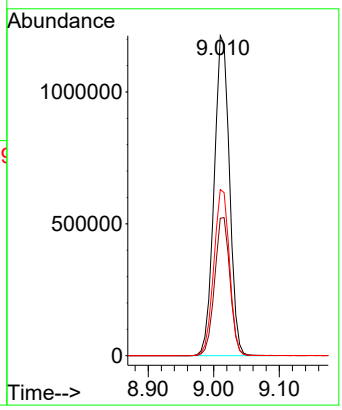


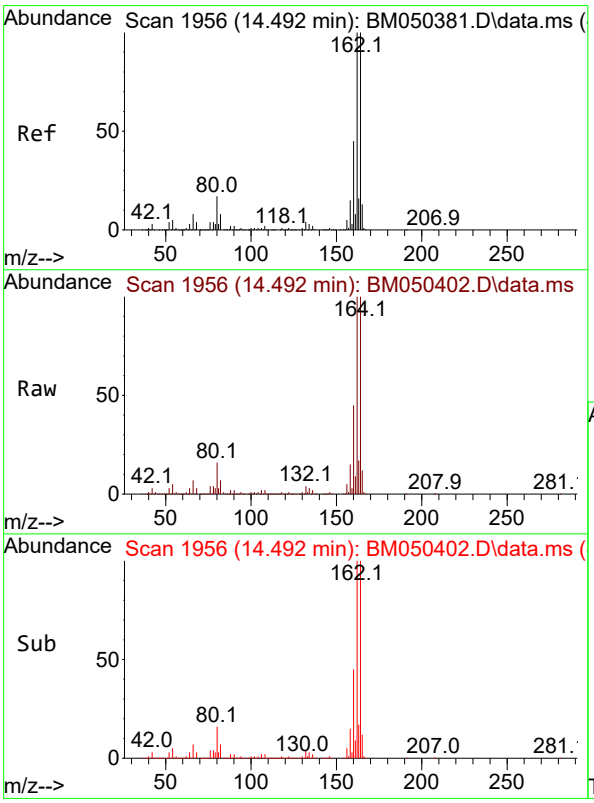
#23
Nitrobenzene-d5
Concen: 47.181 ng
RT: 9.010 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion: 82 Resp: 1967751

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.2	52.8
54	51.9	41.5	62.3

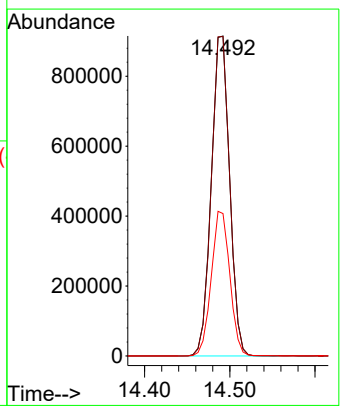


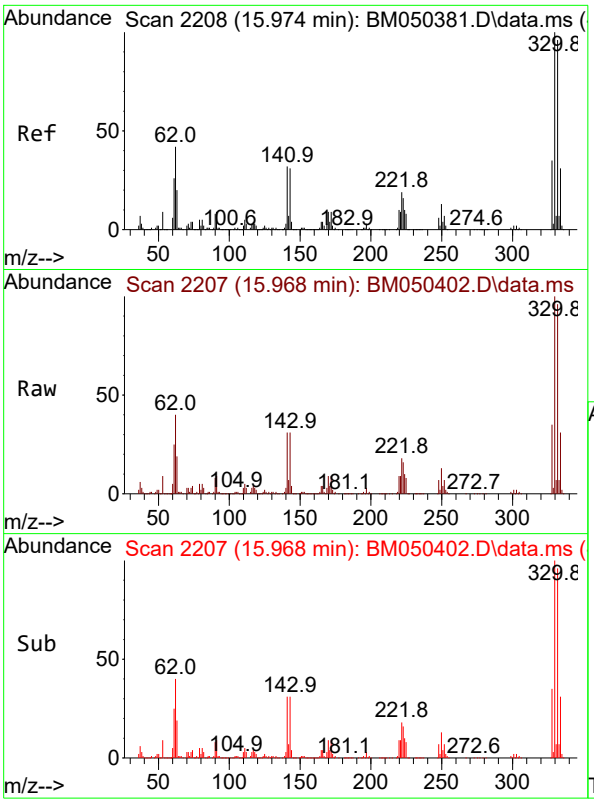


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Tgt Ion:164 Resp: 1370947

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.9	119.9
160	44.5	36.2	54.4



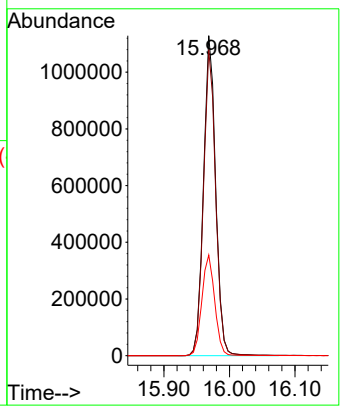


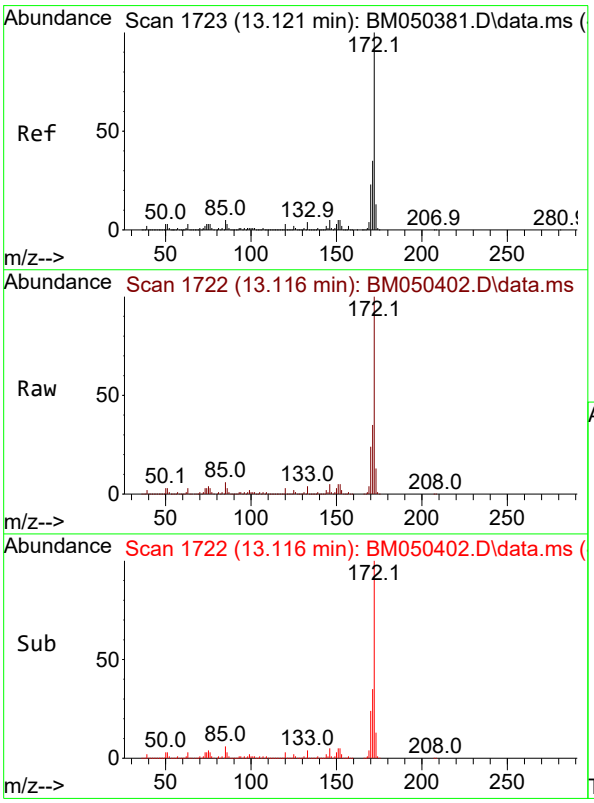
#42
2,4,6-Tribromophenol
Concen: 87.579 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion:330 Resp: 1458815

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	33.4	27.4	41.0

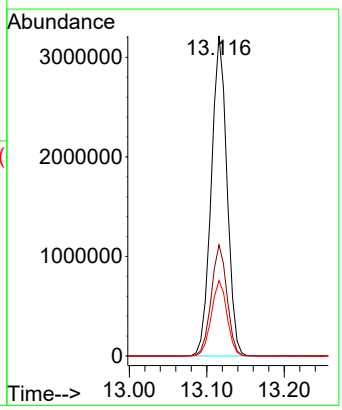


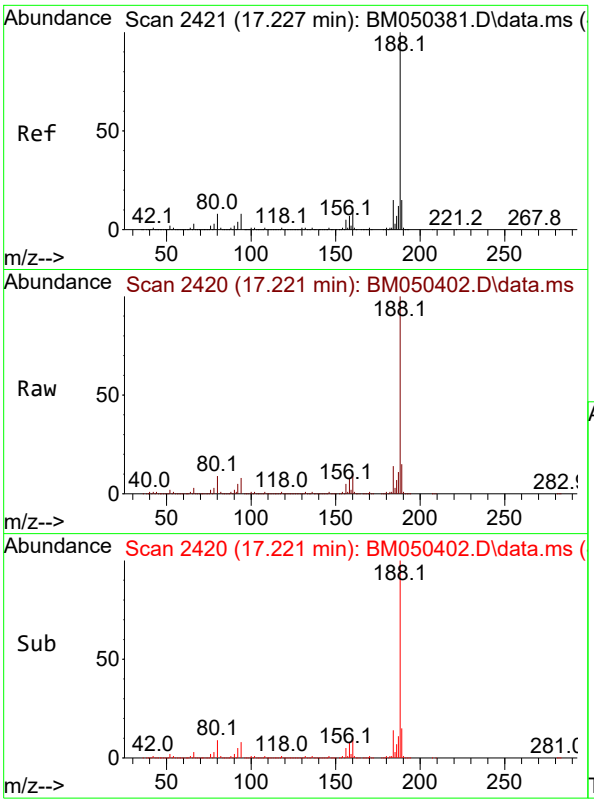


#45
2-Fluorobiphenyl
Concen: 40.825 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Tgt Ion:172 Resp: 4532154

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.7	41.5
170	23.5	18.8	28.2



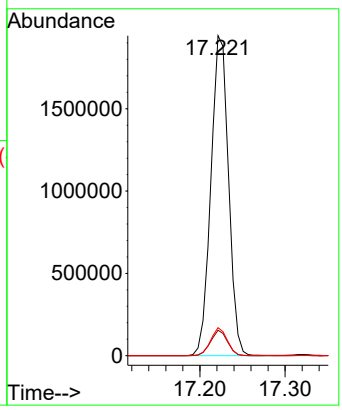


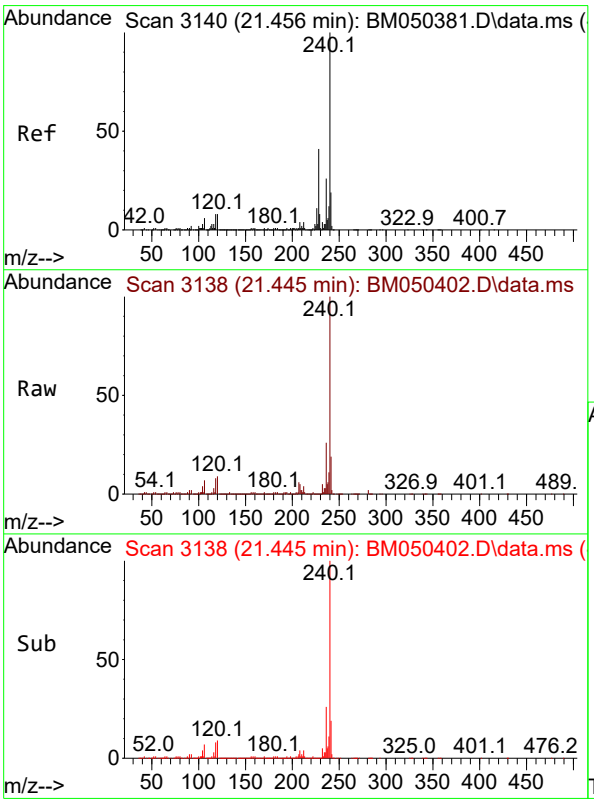
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion:188 Resp: 2792859

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.0	9.0
80	8.8	6.5	9.7

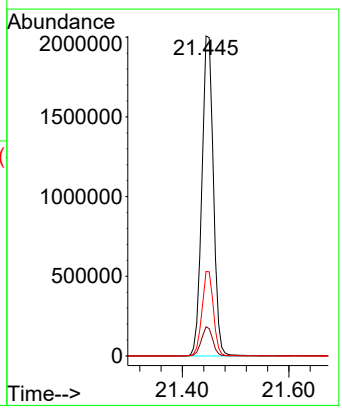


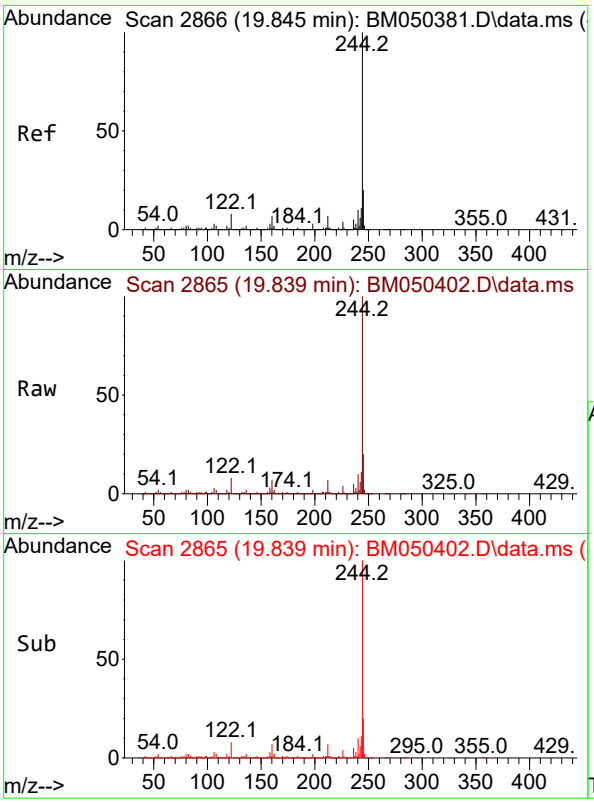


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3138
Delta R.T. -0.012 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Tgt Ion:240 Resp: 3011882

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.7	10.1
236	26.4	20.7	31.1



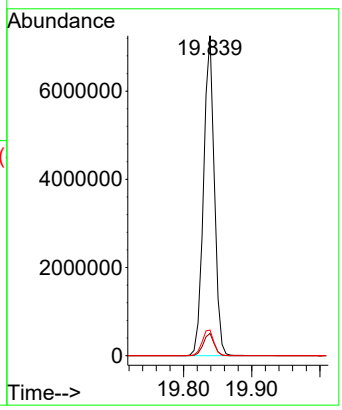


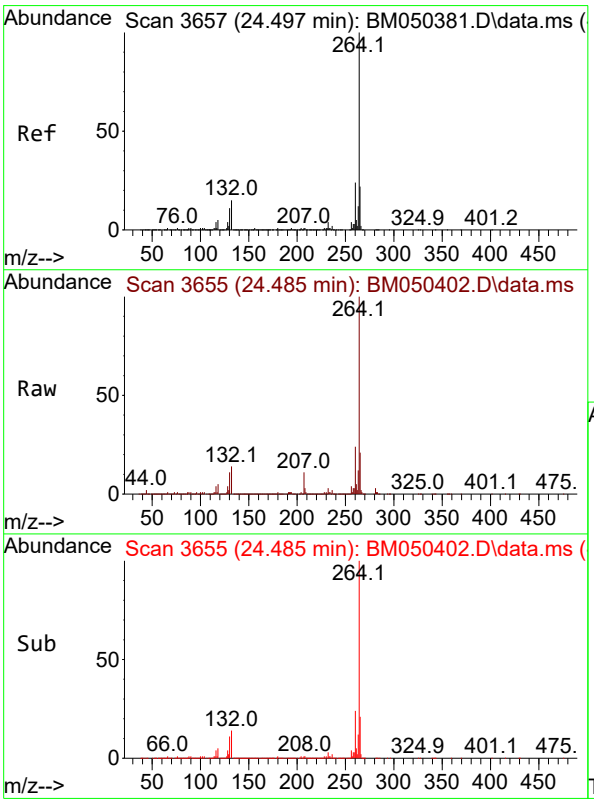
#79
Terphenyl-d14
Concen: 46.596 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion:244 Resp: 7976396

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	8.0	6.2	9.2

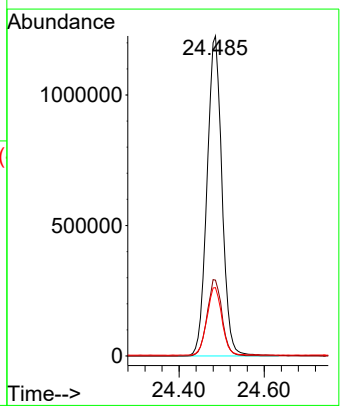




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.485 min Scan# 3655
Delta R.T. -0.012 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Tgt Ion:264 Resp: 2989154

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.8	26.6



Sample Results: **BM050402.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23

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_M\Methods\8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050402.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	21	rVB	1194476	1726702	8.26%	1.547%
2	4.969	332	337	345	rBV	495308	722537	3.46%	0.647%
3	5.434	409	416	430	rBV	6270279	9154373	43.79%	8.203%
4	7.022	678	686	697	rBV	6111361	9660436	46.21%	8.656%
5	7.863	821	829	836	rBV	2086053	3317039	15.87%	2.972%
6	9.010	1016	1024	1040	rBV	3575240	5914930	28.30%	5.300%
7	10.657	1296	1304	1314	rBV	2614346	4295120	20.55%	3.849%
8	13.116	1714	1722	1733	rBV	8940324	12689335	60.70%	11.370%
9	14.486	1944	1955	1968	rBV	3782101	5724866	27.39%	5.130%
10	15.839	2179	2185	2193	rBV	1224857	1648152	7.88%	1.477%
11	15.968	2200	2207	2226	rBV	8263417	11153890	53.36%	9.995%
12	17.221	2414	2420	2432	rBV2	4625291	6733394	32.21%	6.034%
13	18.121	2567	2573	2582	rBV	653484	1037439	4.96%	0.930%
14	19.392	2785	2789	2799	rBV2	167105	269251	1.29%	0.241%
15	19.839	2859	2865	2875	rBV	18496604	20903770	100.00%	18.731%
16	21.127	3080	3084	3096	rBV2	475826	839586	4.02%	0.752%
17	21.445	3132	3138	3153	rBV	5341444	8222617	39.34%	7.368%
18	24.485	3646	3655	3666	rBV	3114294	7586141	36.29%	6.798%

Sum of corrected areas: 111599578

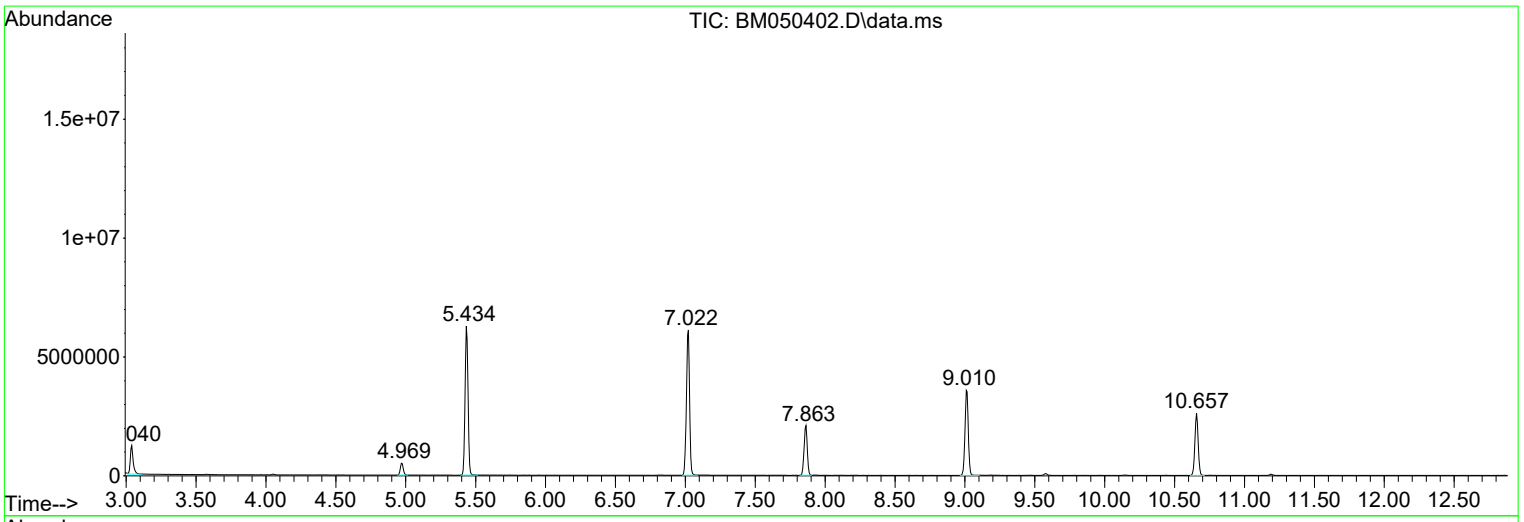
Sample Results: **BM050402.D**

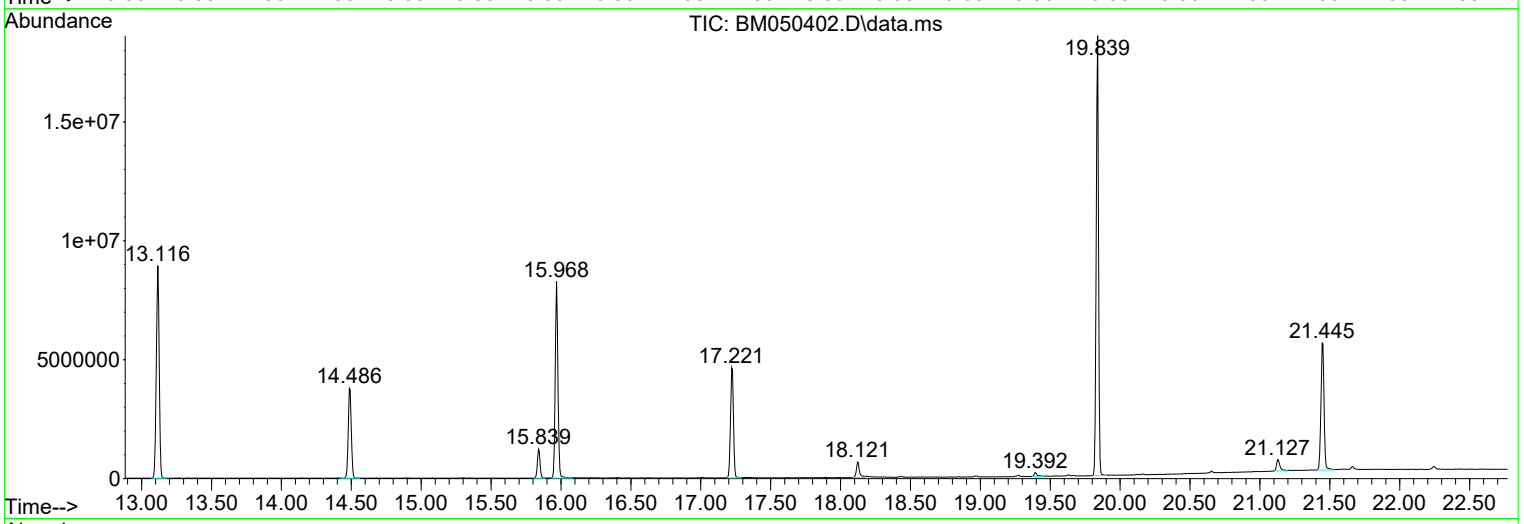
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Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

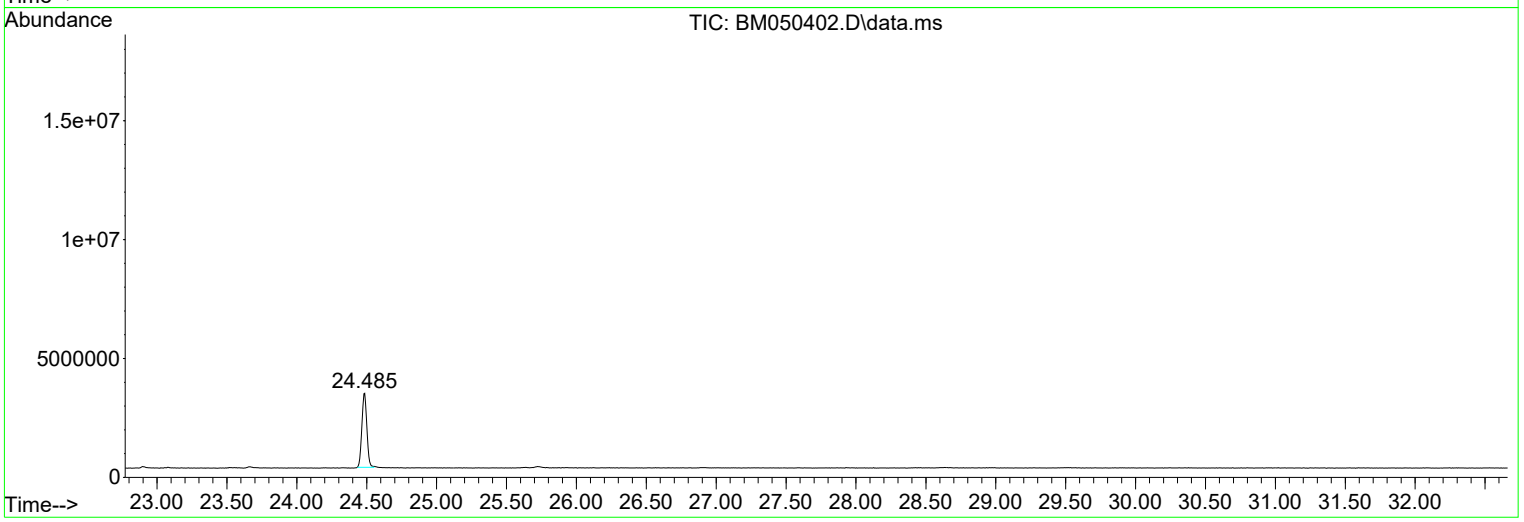
Instrument :
BNA_M
ClientSampleId :
TP-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Sample Results: **BM050402.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23

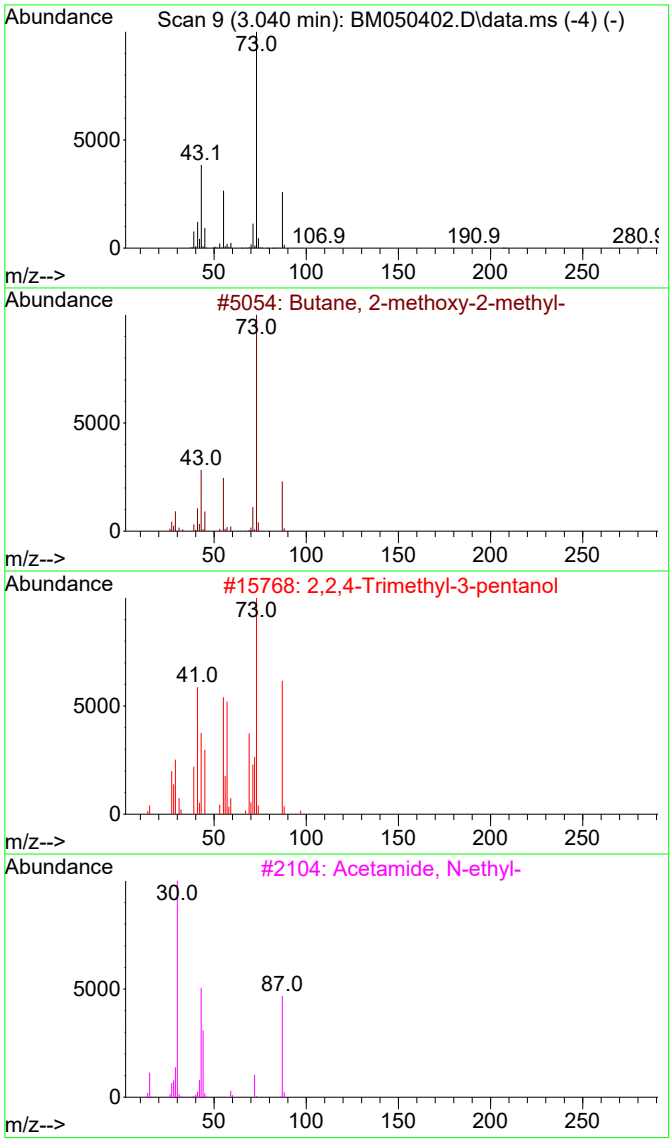
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

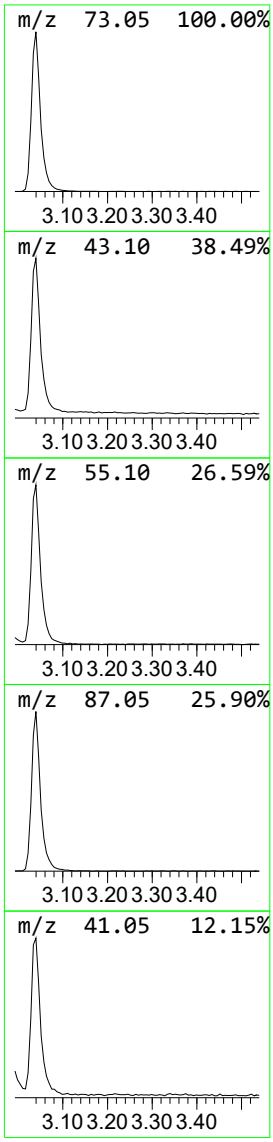
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	10.41 ng	1726700	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23

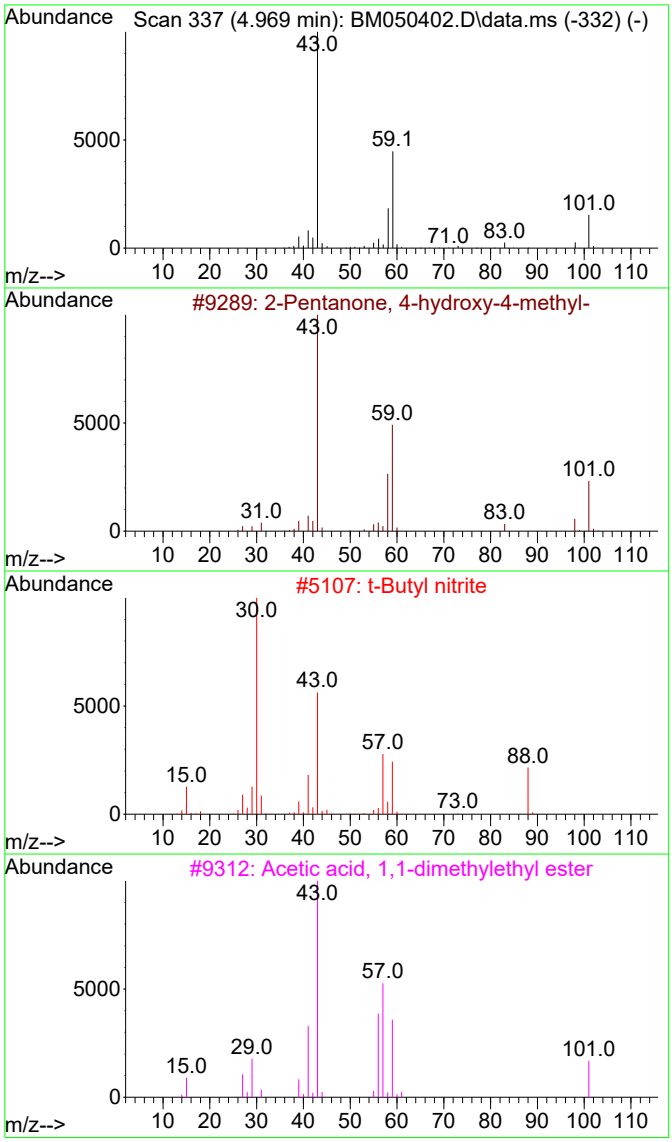
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

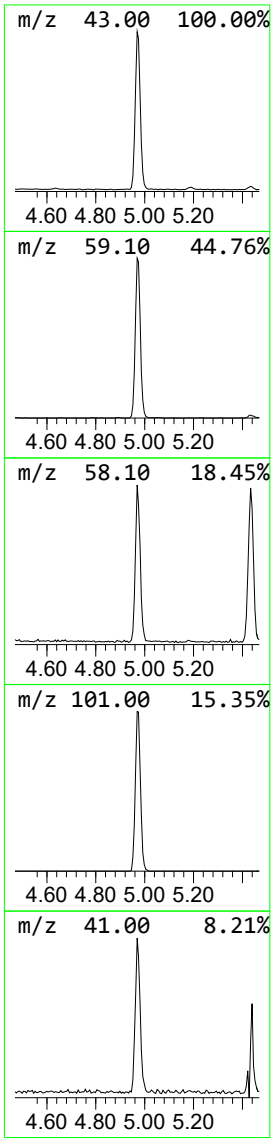
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	4.36 ng	722537	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	t-Butyl nitrite	103	C4H9NO2	000540-80-7	39
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

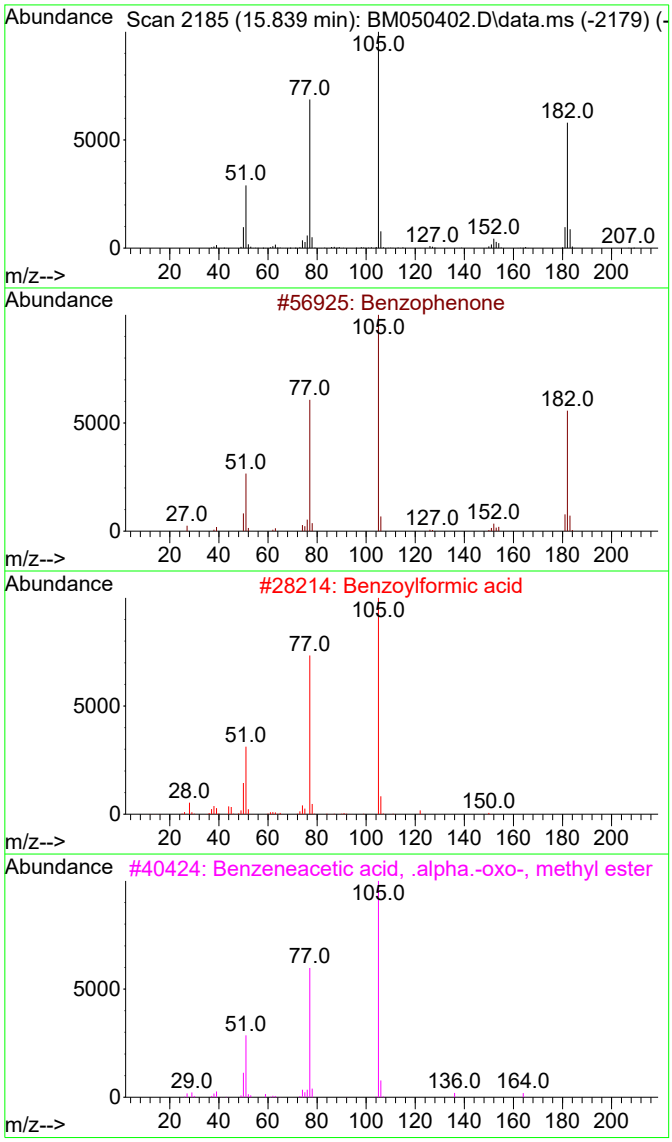
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

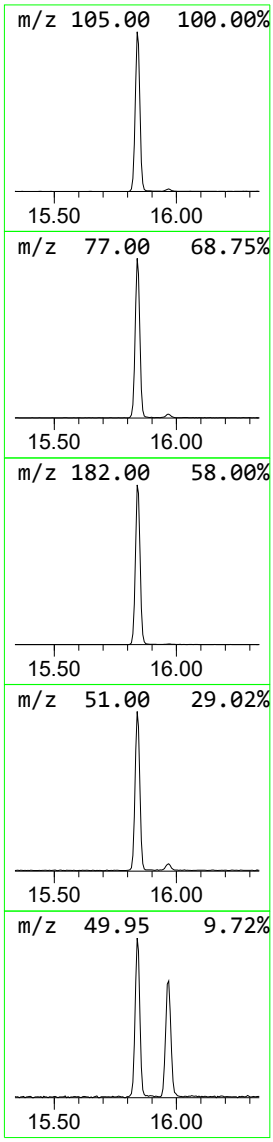
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Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	5.76 ng	1648150	Acenaphthene-d10	14.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoylformic acid	150	C8H6O3	000611-73-4	49
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
4	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47
5	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

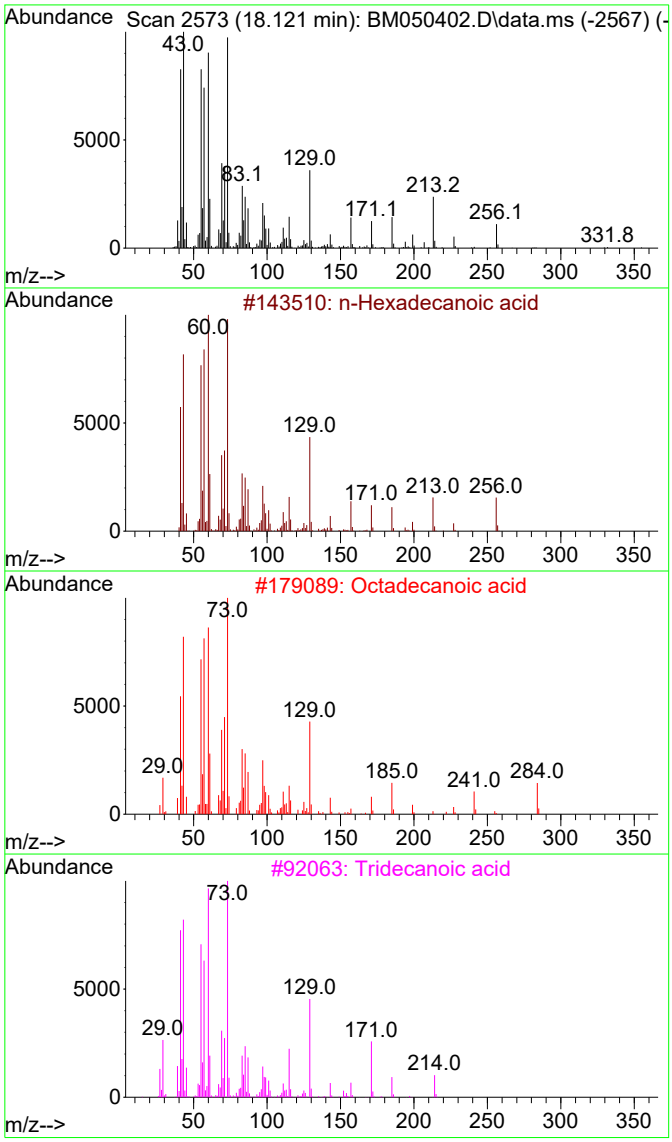
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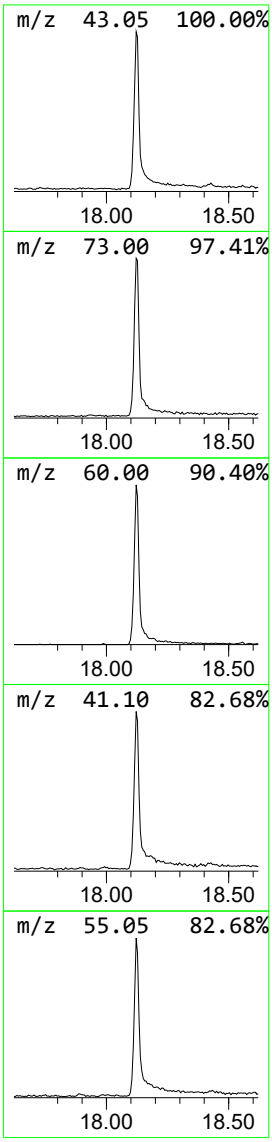
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	3.08 ng	1037440	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

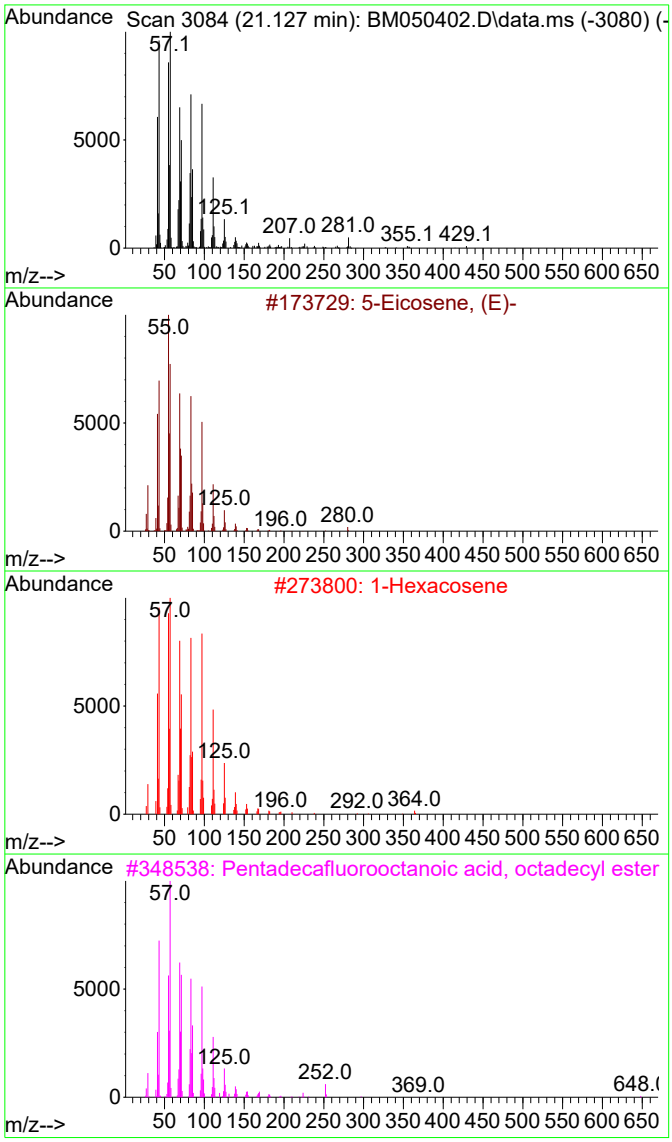
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

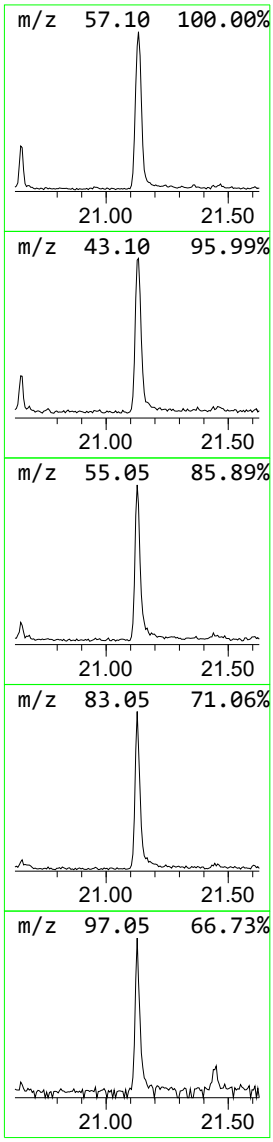
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Peak Number 5 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	2.04 ng	839586	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.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
Butane, 2-metho...	3.040	10.4	ng	1726700	1	7.863	3317040	20.0
2-Pentanone, 4-...	4.969	4.4	ng	722537	1	7.863	3317040	20.0
Benzophenone	15.839	5.8	ng	1648150	3	14.492	5724870	20.0
n-Hexadecanoic ...	18.121	3.1	ng	1037440	4	17.221	6733390	20.0
5-Eicosene, (E)-	21.127	2.0	ng	839586	5	21.445	8222620	20.0

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-23-99	SDG No.:	Q2543
Lab Sample ID:	Q2543-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.4
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
BM050403.D	1	07/10/25 09:55	07/10/25 23:59	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	390	ug/Kg
108-95-2	Phenol	25.9	U	25.9	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.4	U	28.4	200	ug/Kg
95-57-8	2-Chlorophenol	28.5	U	28.5	200	ug/Kg
95-48-7	2-Methylphenol	35.0	U	35.0	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43.9	U	43.9	200	ug/Kg
98-86-2	Acetophenone	34.5	U	34.5	200	ug/Kg
65794-96-9	3+4-Methylphenols	48.1	U	48.1	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.4	U	55.4	93.6	ug/Kg
67-72-1	Hexachloroethane	20.6	U	20.6	200	ug/Kg
98-95-3	Nitrobenzene	21.4	U	21.4	200	ug/Kg
78-59-1	Isophorone	38.4	U	38.4	200	ug/Kg
88-75-5	2-Nitrophenol	68.1	U	68.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	75.8	U	75.8	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.0	U	36.0	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.1	U	33.1	200	ug/Kg
91-20-3	Naphthalene	26.6	U	26.6	200	ug/Kg
106-47-8	4-Chloroaniline	41.4	U	41.4	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.6	UQ	29.6	200	ug/Kg
105-60-2	Caprolactam	60.9	U	60.9	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33.6	U	33.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	29.9	U	29.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	UQ	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.2	UQ	23.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.0	UQ	34.0	200	ug/Kg
92-52-4	1,1-Biphenyl	25.5	U	25.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.3	U	26.3	200	ug/Kg
88-74-4	2-Nitroaniline	56.3	U	56.3	200	ug/Kg
131-11-3	Dimethylphthalate	31.7	U	31.7	200	ug/Kg

Raw Data: **BM050403.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-23-99	SDG No.:	Q2543
Lab Sample ID:	Q2543-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.4
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
BM050403.D	1	07/10/25 09:55	07/10/25 23:59	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	33.8	U	33.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.3	U	39.3	200	ug/Kg
99-09-2	3-Nitroaniline	53.8	U	53.8	200	ug/Kg
83-32-9	Acenaphthene	24.9	U	24.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	26.6	U	26.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.6	U	58.6	200	ug/Kg
84-66-2	Diethylphthalate	33.1	U	33.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.2	U	31.2	200	ug/Kg
86-73-7	Fluorene	29.6	U	29.6	200	ug/Kg
100-01-6	4-Nitroaniline	75.1	U	75.1	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	UQ	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	38.5	U	38.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32.5	U	32.5	200	ug/Kg
118-74-1	Hexachlorobenzene	29.6	UQ	29.6	200	ug/Kg
1912-24-9	Atrazine	39.8	U	39.8	200	ug/Kg
87-86-5	Pentachlorophenol	60.0	U	60.0	390	ug/Kg
85-01-8	Phenanthrene	24.4	U	24.4	200	ug/Kg
120-12-7	Anthracene	39.0	U	39.0	200	ug/Kg
86-74-8	Carbazole	36.5	U	36.5	200	ug/Kg
84-74-2	Di-n-butylphthalate	56.0	U	56.0	200	ug/Kg
206-44-0	Fluoranthene	35.1	U	35.1	200	ug/Kg
129-00-0	Pyrene	42.1	U	42.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	83.5	UQ	83.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	42.9	U	42.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	26.9	U	26.9	200	ug/Kg
218-01-9	Chrysene	23.3	U	23.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69.3	U	69.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.2	U	22.2	200	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-23-99	SDG No.:	Q2543
Lab Sample ID:	Q2543-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.4
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
BM050403.D	1	07/10/25 09:55	07/10/25 23:59	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	26.2	U	26.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	34.5	UQ	34.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.0	UQ	34.0	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.1	U	32.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.1	U	30.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29.9	U	29.9	200	ug/Kg
123-91-1	1,4-Dioxane	52.9	U	52.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.1	U	32.1	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	83.1		18 - 112	55%	SPK: 150
13127-88-3	Phenol-d6	83.7		15 - 107	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	49.7		18 - 107	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.0		20 - 109	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	90.5		10 - 116	60%	SPK: 150
1718-51-0	Terphenyl-d14	50.5		10 - 105	50%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	639000	7.863			
1146-65-2	Naphthalene-d8	2330000	10.657			
15067-26-2	Acenaphthene-d10	1500000	14.486			
1517-22-2	Phenanthrene-d10	3030000	17.221			
1719-03-5	Chrysene-d12	3160000	21.444			
1520-96-3	Perylene-d12	2930000	24.48			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	430	J		3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	AB		4.97	ug/Kg
000119-61-9	Benzophenone	220	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	110	J		18.1	ug/Kg
018435-45-5	1-Nonadecene	83.4	J		21.1	ug/Kg

Raw Data: **BM050403.D**

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

Report of Analysis

Client:	CDM Smith			Date Collected:	07/09/25
Project:	South River WM Replacement			Date Received:	07/09/25
Client Sample ID:	TP-23-99			SDG No.:	Q2543
Lab Sample ID:	Q2543-04			Matrix:	SOIL
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Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050403.D	1	07/10/25 09:55	07/10/25 23:59	PB168787

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_M\Data\BM071025\
Data File : BM050403.D
Acq On : 10 Jul 2025 23:59
Operator : RC/JU
Sample : Q2543-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Quant Time: Jul 11 01:29:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

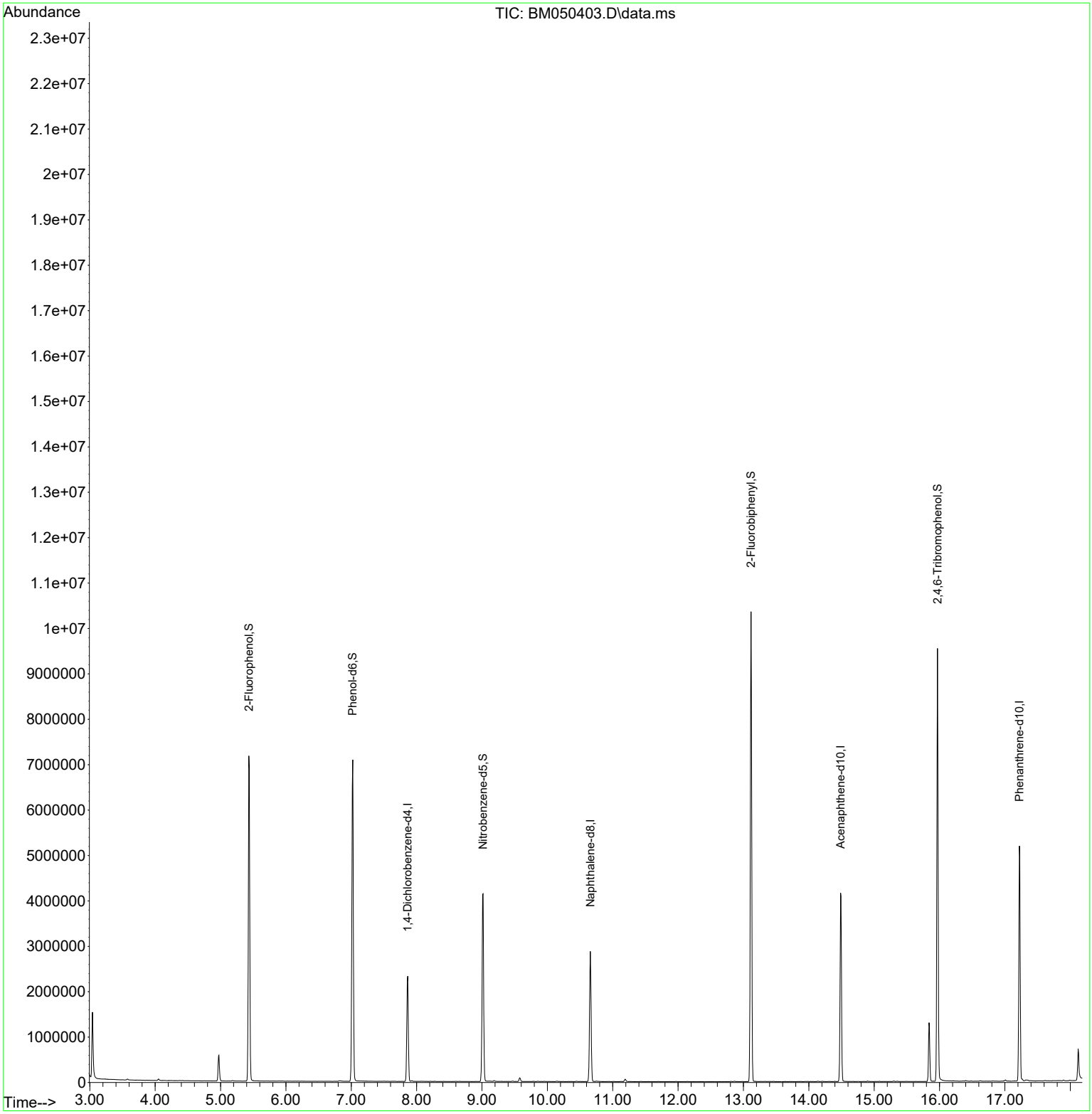
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	639438	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	2330149	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	1499849	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	3029764	20.000	ng	0.00
76) Chrysene-d12	21.444	240	3157432	20.000	ng	-0.01
86) Perylene-d12	24.480	264	2929698	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	3088026	83.127	ng	0.00
7) Phenol-d6	7.022	99	3921531	83.741	ng	0.00
23) Nitrobenzene-d5	9.016	82	2271663	49.738	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1648470	90.459	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	5344210	44.003	ng	0.00
79) Terphenyl-d14	19.839	244	9058207	50.476	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050403.D
Acq On : 10 Jul 2025 23:59
Operator : RC/JU
Sample : Q2543-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23-99

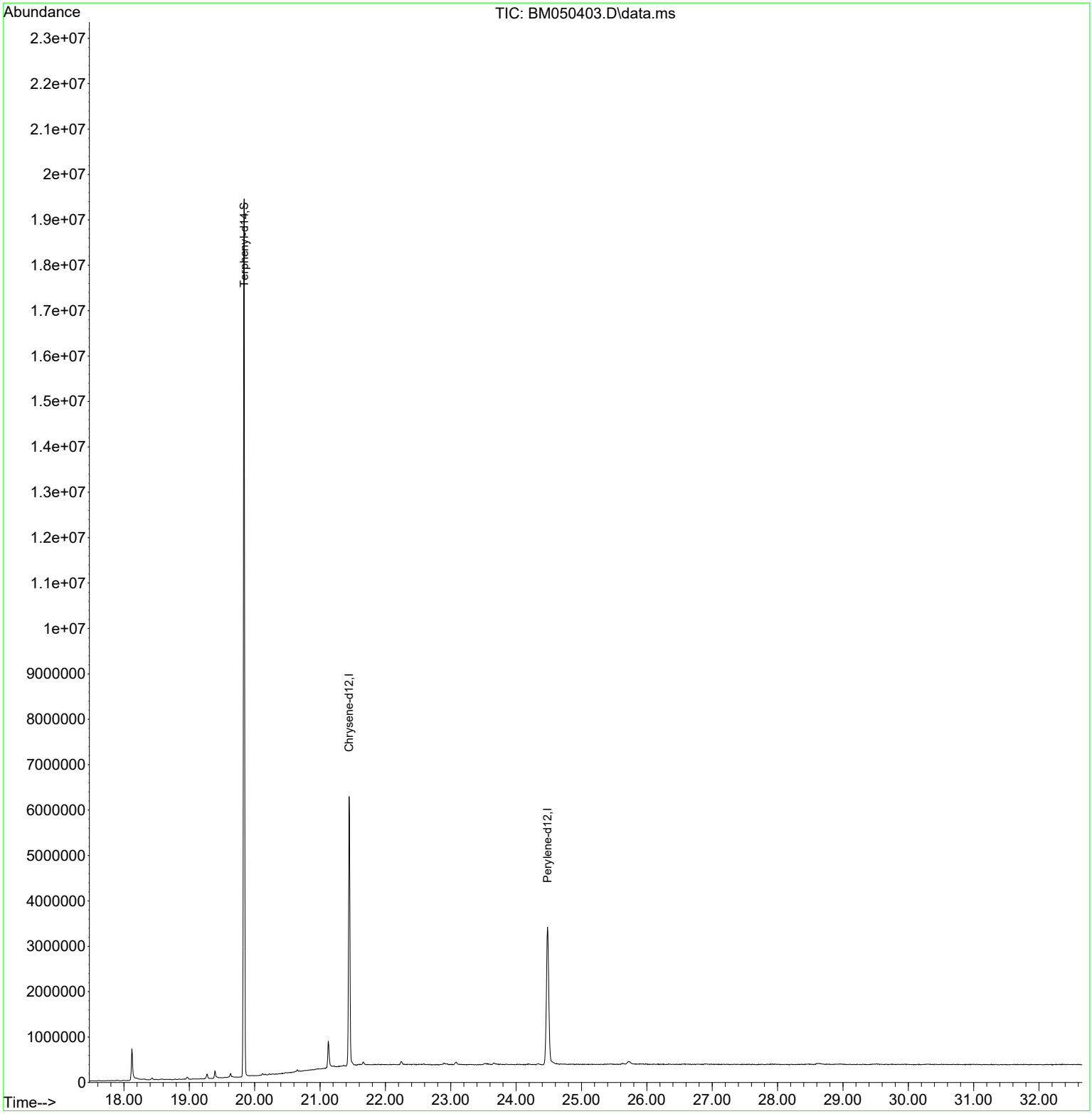
Quant Time: Jul 11 01:29:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

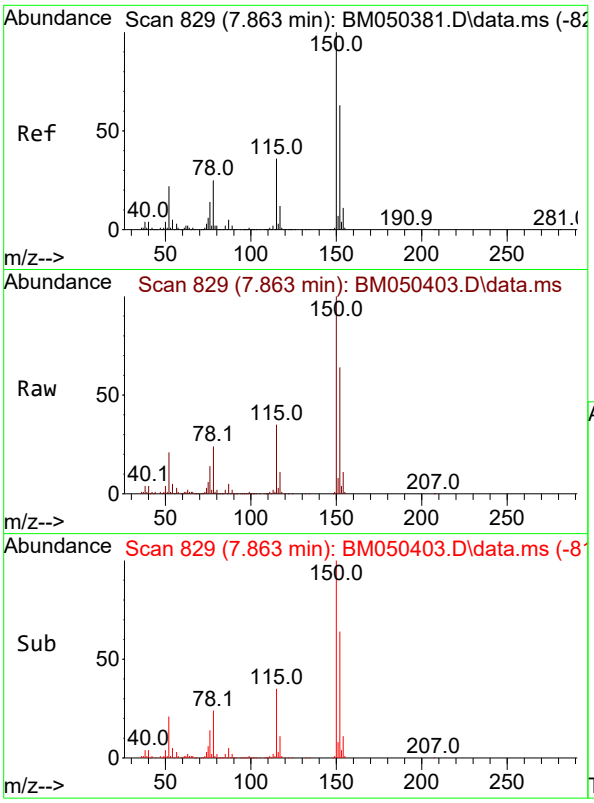


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050403.D
Acq On : 10 Jul 2025 23:59
Operator : RC/JU
Sample : Q2543-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Quant Time: Jul 11 01:29:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



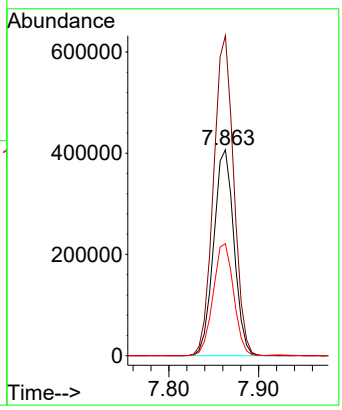


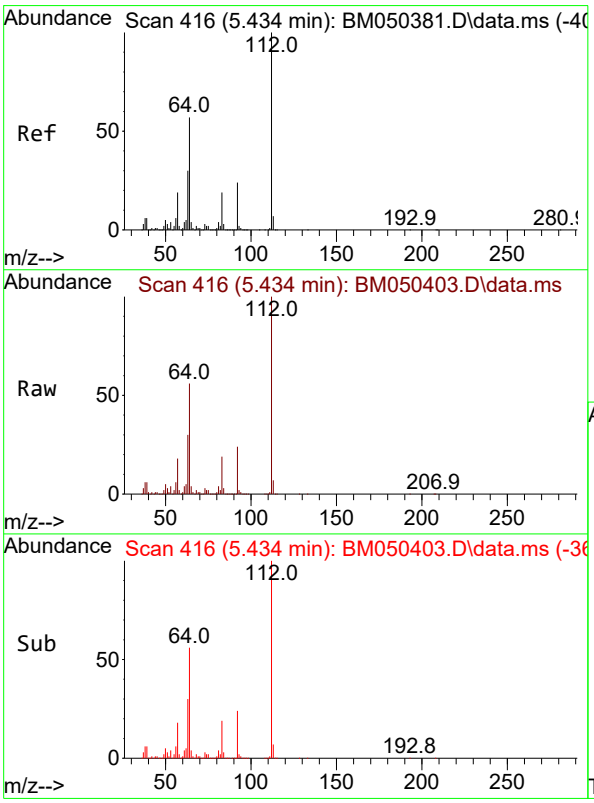
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050403.D
Acq: 10 Jul 2025 23:59

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Tgt Ion:152 Resp: 639438

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.4
115	54.4	45.8	68.8

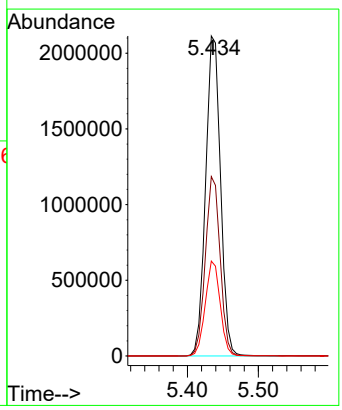


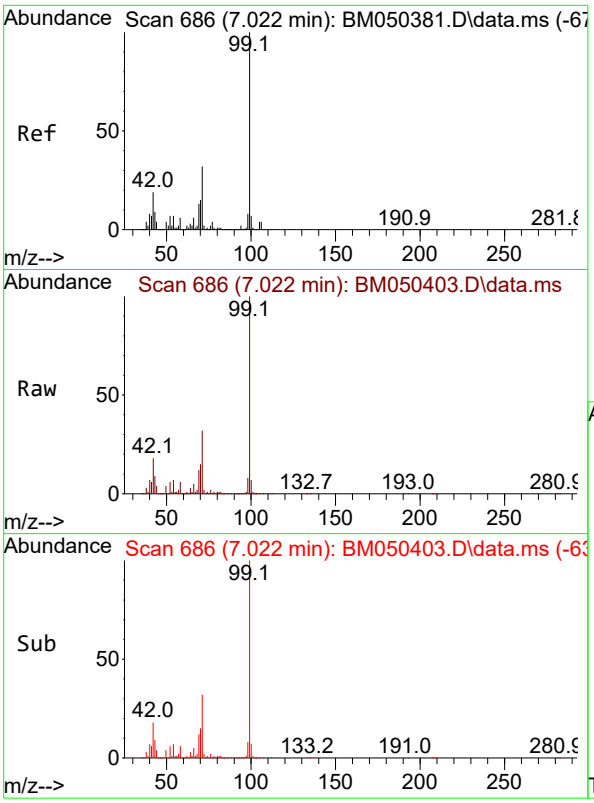


#5
2-Fluorophenol
Concen: 83.127 ng
RT: 5.434 min Scan# 416
Delta R.T. -0.000 min
Lab File: BM050403.D
Acq: 10 Jul 2025 23:59

Tgt Ion:112 Resp: 3088026

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.5	68.3
63	29.7	24.2	36.4



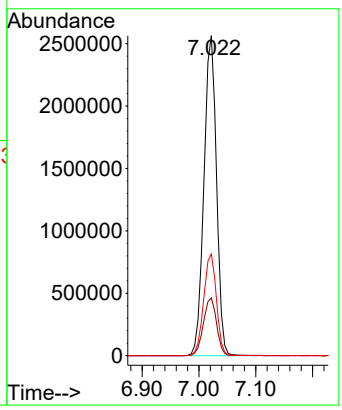


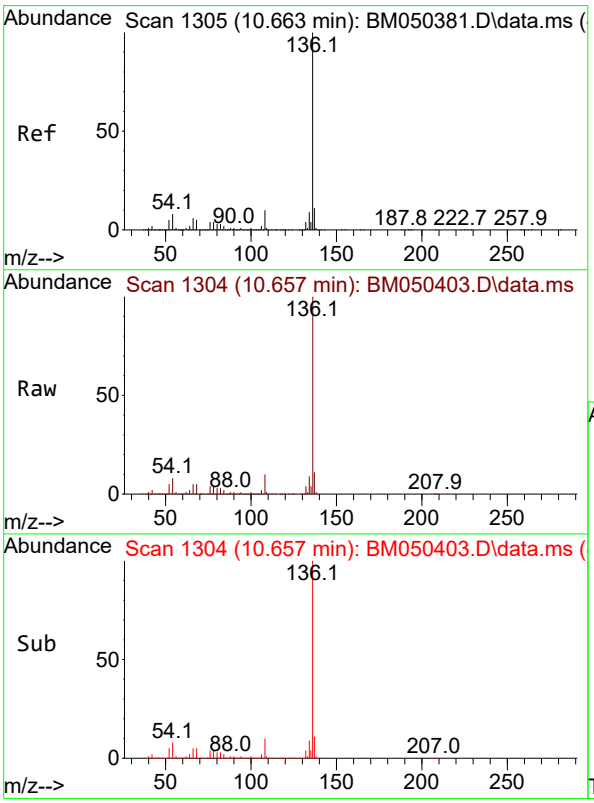
#7
Phenol-d6
Concen: 83.741 ng
RT: 7.022 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050403.D
Acq: 10 Jul 2025 23:59

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Tgt Ion: 99 Resp: 3921531

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.6
71	31.8	25.9	38.9

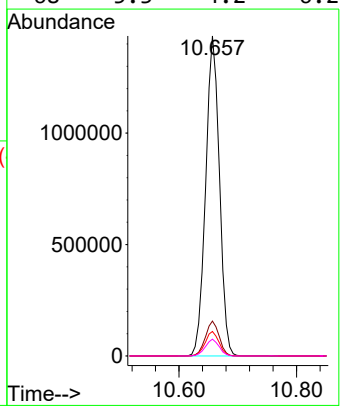


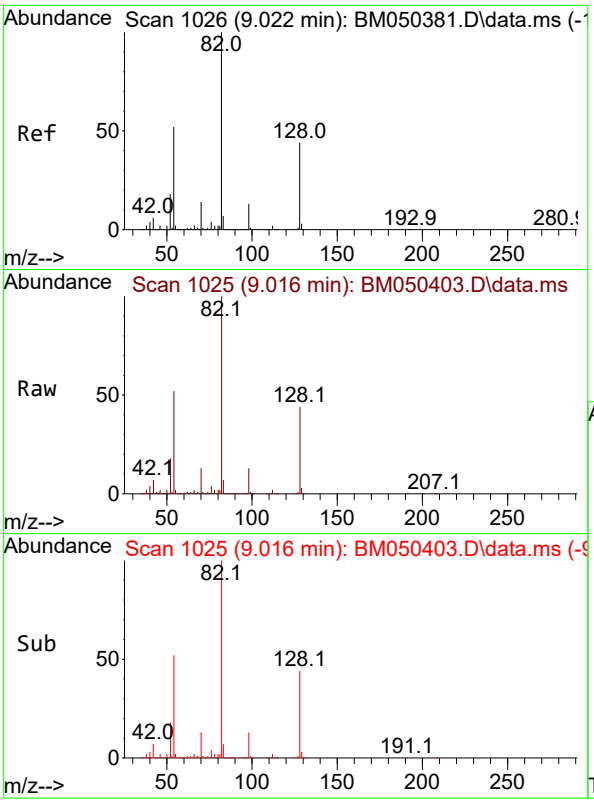


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050403.D
Acq: 10 Jul 2025 23:59

Tgt Ion:136 Resp: 2330149

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	5.3	4.2	6.2



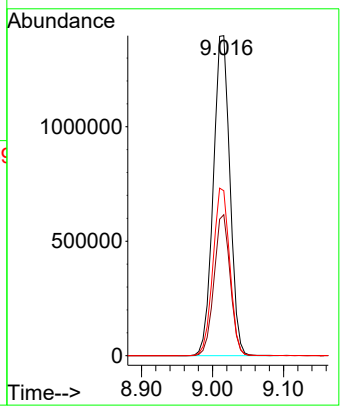


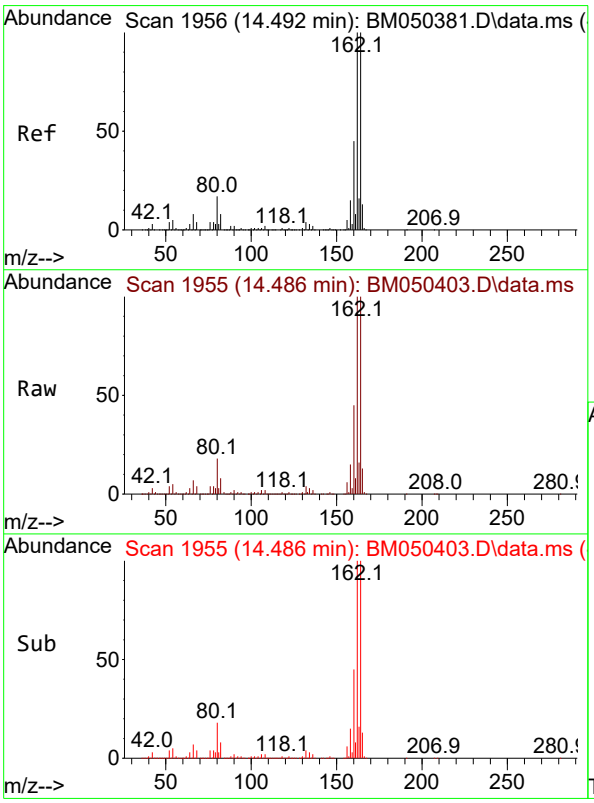
#23
Nitrobenzene-d5
Concen: 49.738 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050403.D
Acq: 10 Jul 2025 23:59

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Tgt Ion: 82 Resp: 2271663

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	51.6	41.5	62.3

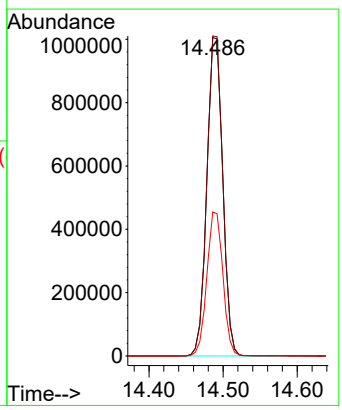


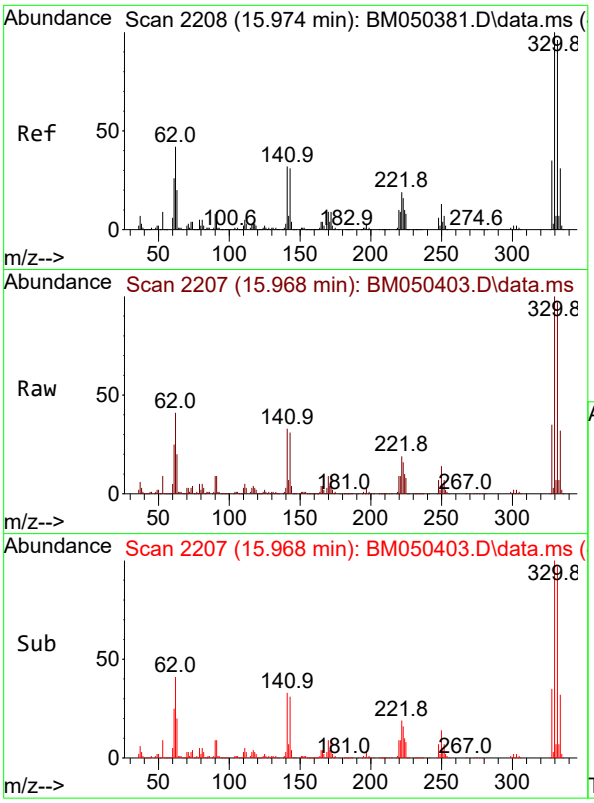


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM050403.D
Acq: 10 Jul 2025 23:59

Tgt Ion:164 Resp: 1499849

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.9	119.9
160	45.2	36.2	54.4



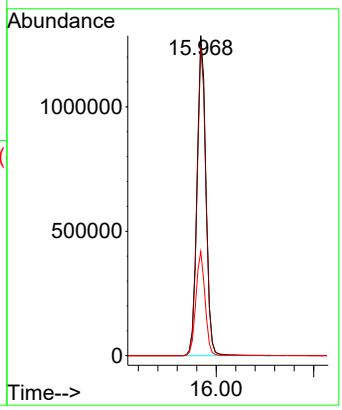


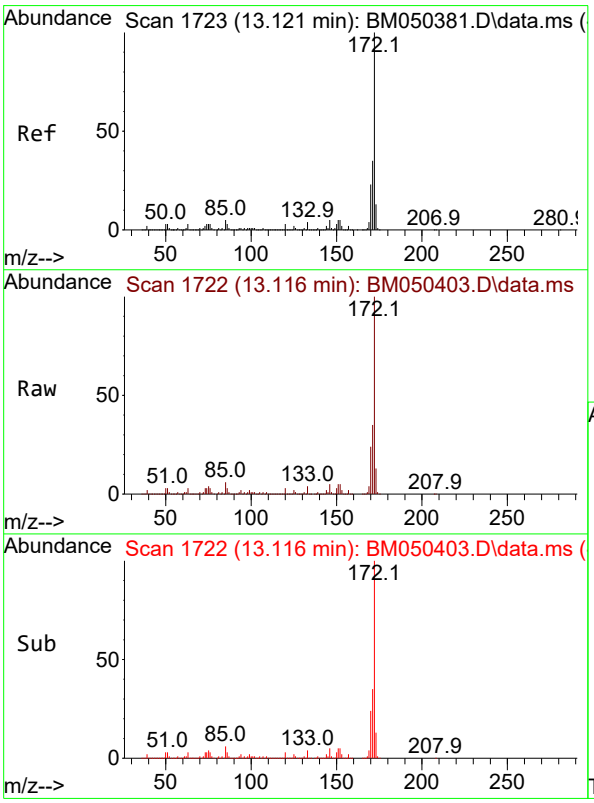
#42
2,4,6-Tribromophenol
Concen: 90.459 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050403.D
Acq: 10 Jul 2025 23:59

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Tgt Ion:330 Resp: 1648470

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	33.6	27.4	41.0

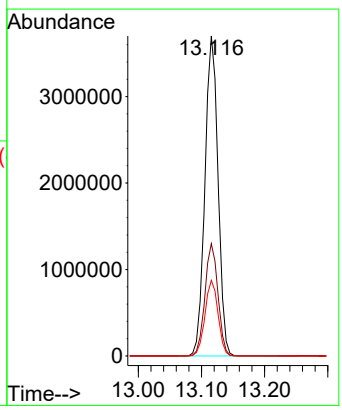


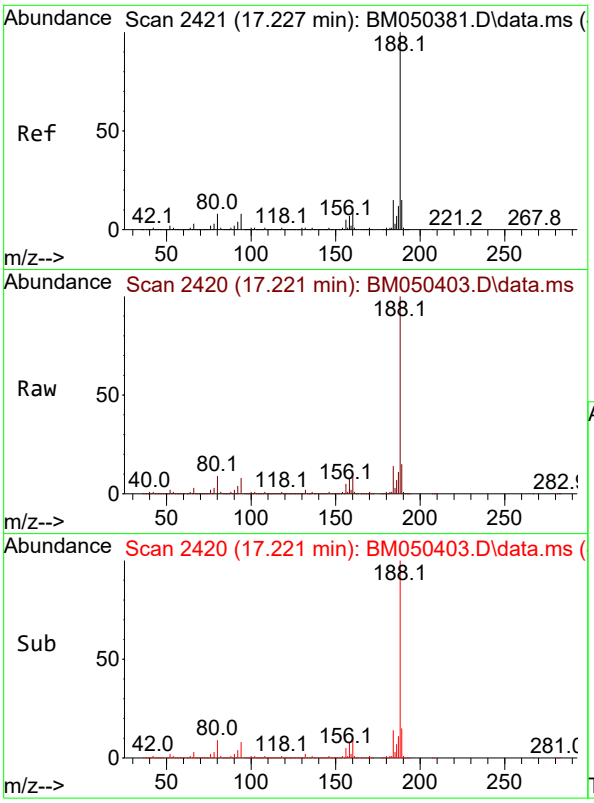


#45
2-Fluorobiphenyl
Concen: 44.003 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050403.D
Acq: 10 Jul 2025 23:59

Tgt Ion:172 Resp: 5344210

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.6	18.8	28.2



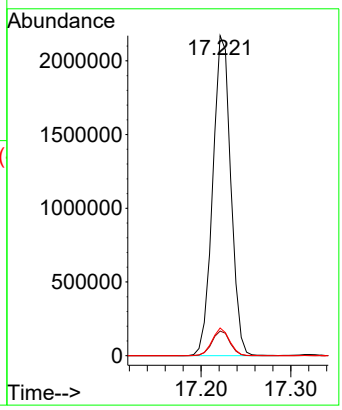


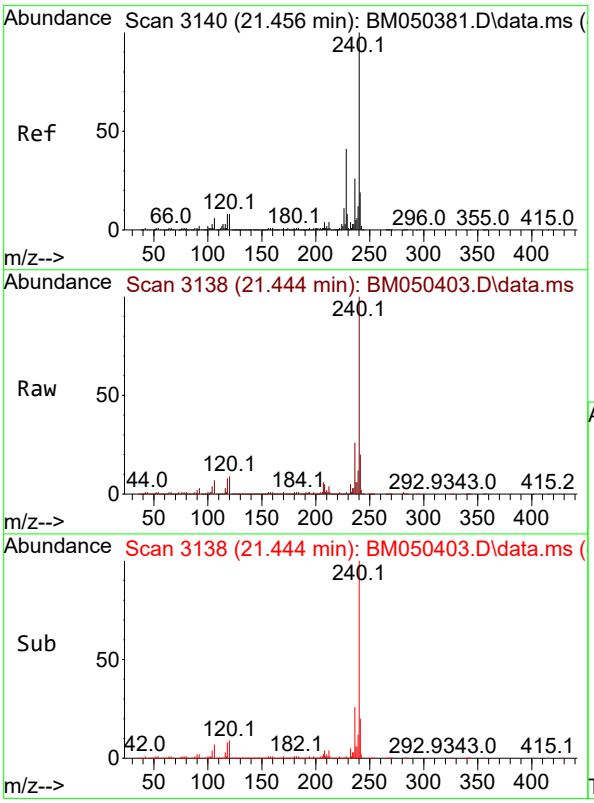
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050403.D
Acq: 10 Jul 2025 23:59

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Tgt Ion:188 Resp: 3029764

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.0	9.0
80	8.6	6.5	9.7

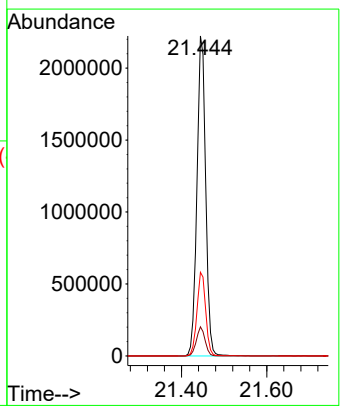


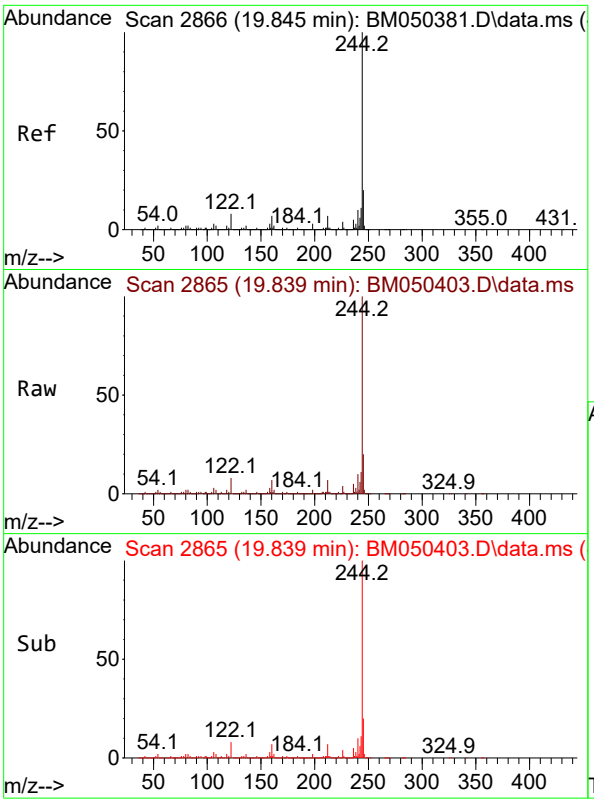


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3138
Delta R.T. -0.012 min
Lab File: BM050403.D
Acq: 10 Jul 2025 23:59

Tgt Ion:240 Resp: 3157432

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.7	10.1
236	26.2	20.7	31.1



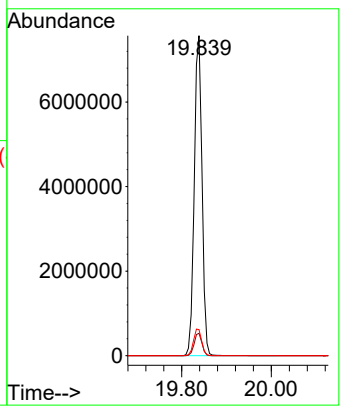


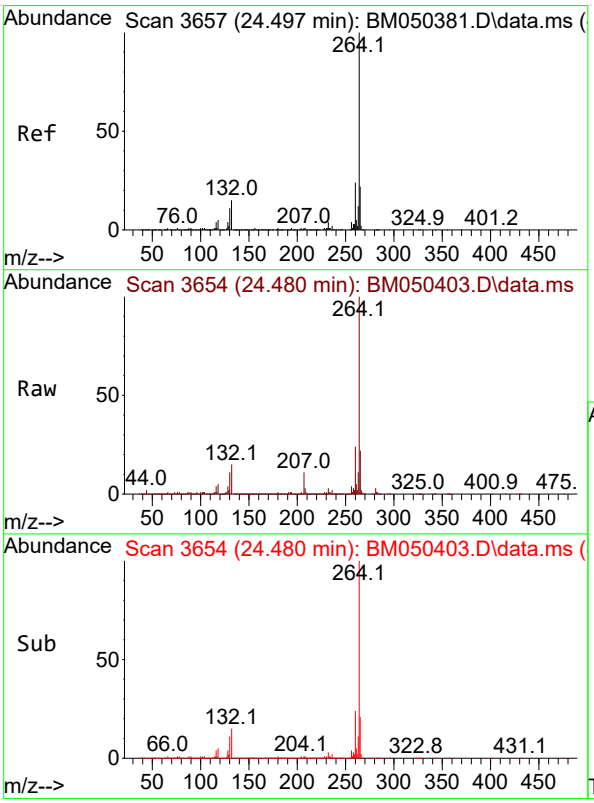
#79
Terphenyl-d14
Concen: 50.476 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050403.D
Acq: 10 Jul 2025 23:59

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Tgt Ion:244 Resp: 9058207

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	8.2	6.2	9.2

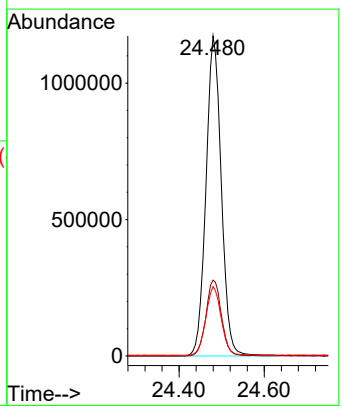




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.480 min Scan# 3654
Delta R.T. -0.018 min
Lab File: BM050403.D
Acq: 10 Jul 2025 23:59

Tgt Ion:264 Resp: 2929698

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.8	26.6



Sample Results: **BM050403.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050403.D
Acq On : 10 Jul 2025 23:59
Operator : RC/JU
Sample : Q2543-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23-99

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_M\Methods\8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050403.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	25	rVB	1465793	2017799	8.54%	1.618%
2	4.975	332	338	345	rBV	562156	824528	3.49%	0.661%
3	5.434	409	416	427	rBV	7161864	10476521	44.36%	8.403%
4	7.022	676	686	699	rBV	7083603	11106381	47.02%	8.908%
5	7.863	821	829	836	rBV	2318559	3653422	15.47%	2.930%
6	9.016	1016	1025	1033	rBV	4133216	6799427	28.79%	5.453%
7	10.657	1295	1304	1314	rBV	2868399	4697179	19.89%	3.767%
8	13.116	1715	1722	1731	rBV	10351471	14956077	63.32%	11.995%
9	14.486	1948	1955	1967	rBV	4152836	6240576	26.42%	5.005%
10	15.839	2179	2185	2193	rBV	1297518	1794343	7.60%	1.439%
11	15.968	2200	2207	2226	rBV	9532365	12592430	53.31%	10.100%
12	17.221	2413	2420	2432	rBV2	5177921	7371769	31.21%	5.912%
13	18.121	2567	2573	2582	rBV	692096	1045284	4.43%	0.838%
14	19.392	2785	2789	2798	rBV2	158691	249253	1.06%	0.200%
15	19.839	2859	2865	2874	rBV	19331079	23619546	100.00%	18.944%
16	21.127	3080	3084	3094	rBV2	581921	923103	3.91%	0.740%
17	21.444	3132	3138	3155	rBV	5923632	8636048	36.56%	6.926%
18	24.480	3646	3654	3676	rVB	3019609	7679111	32.51%	6.159%

Sum of corrected areas: 124682797

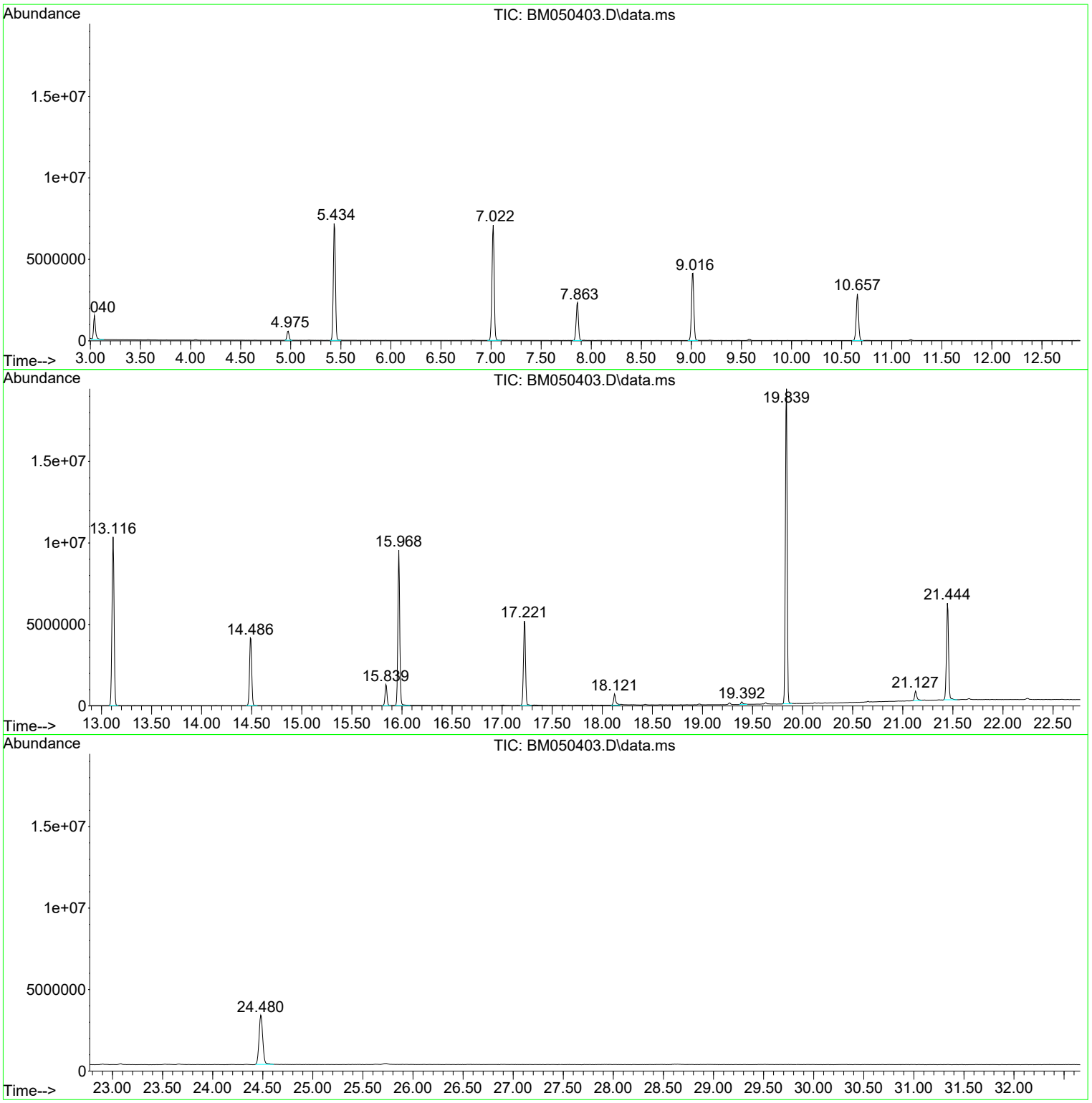
Sample Results: **BM050403.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050403.D
Acq On : 10 Jul 2025 23:59
Operator : RC/JU
Sample : Q2543-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.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_M\Data\BM071025\
Data File : BM050403.D
Acq On : 10 Jul 2025 23:59
Operator : RC/JU
Sample : Q2543-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23-99

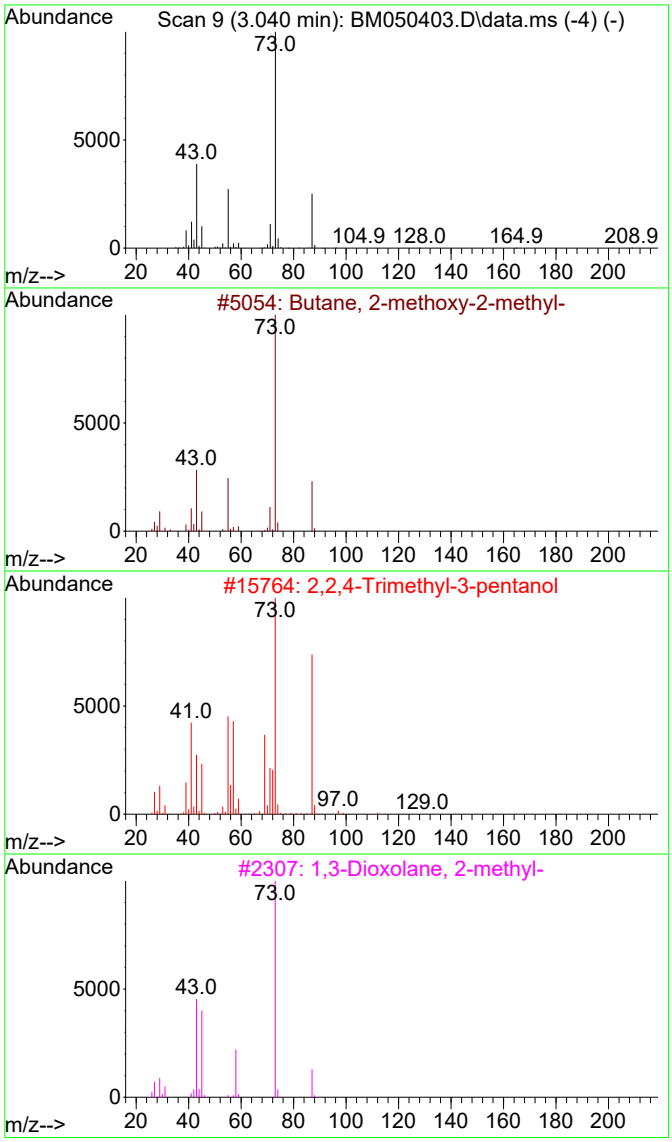
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

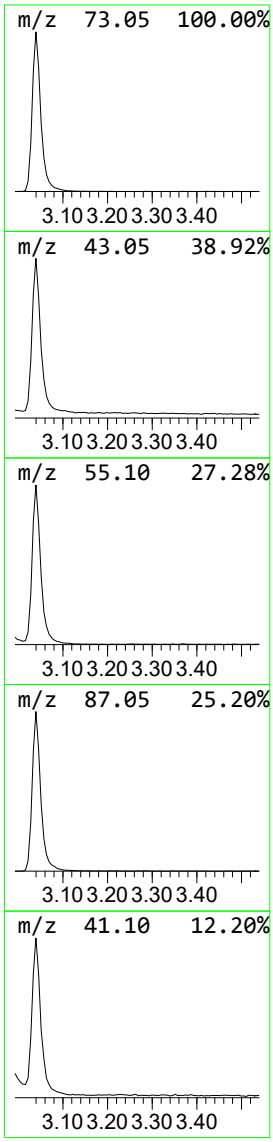
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	11.05 ng	2017800	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050403.D
Acq On : 10 Jul 2025 23:59
Operator : RC/JU
Sample : Q2543-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23-99

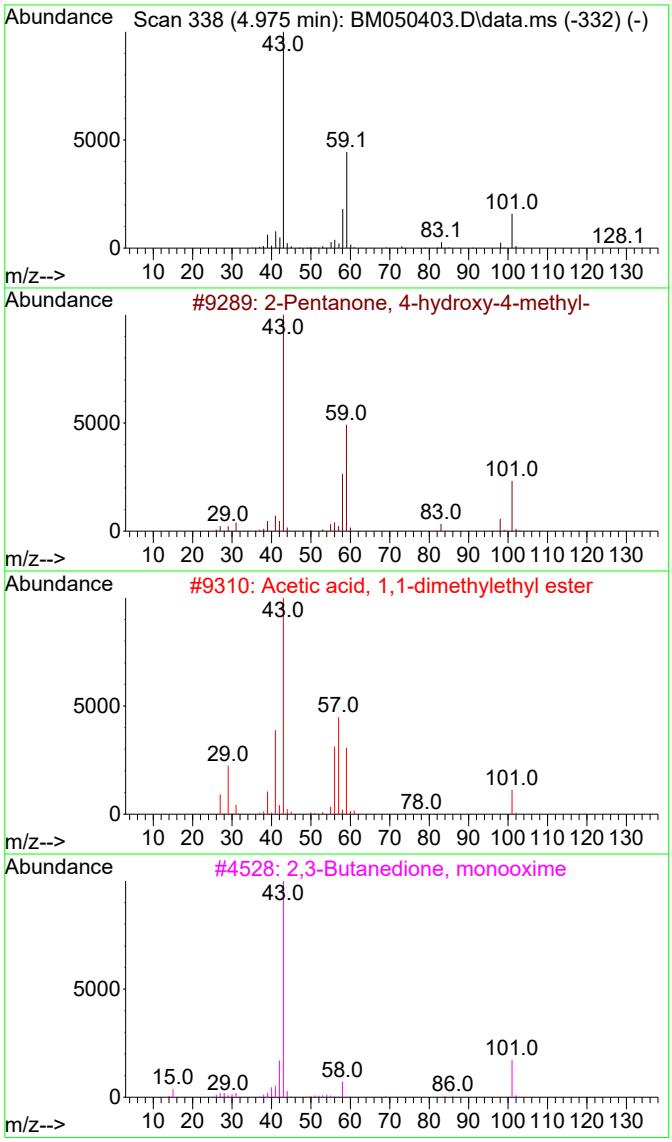
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

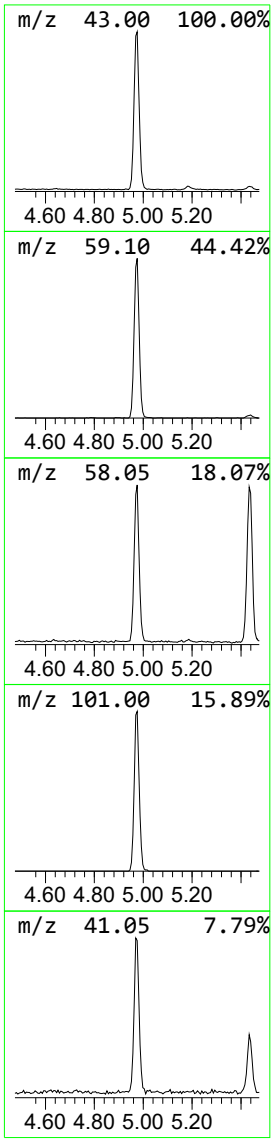
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	4.51 ng	824528	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050403.D
Acq On : 10 Jul 2025 23:59
Operator : RC/JU
Sample : Q2543-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

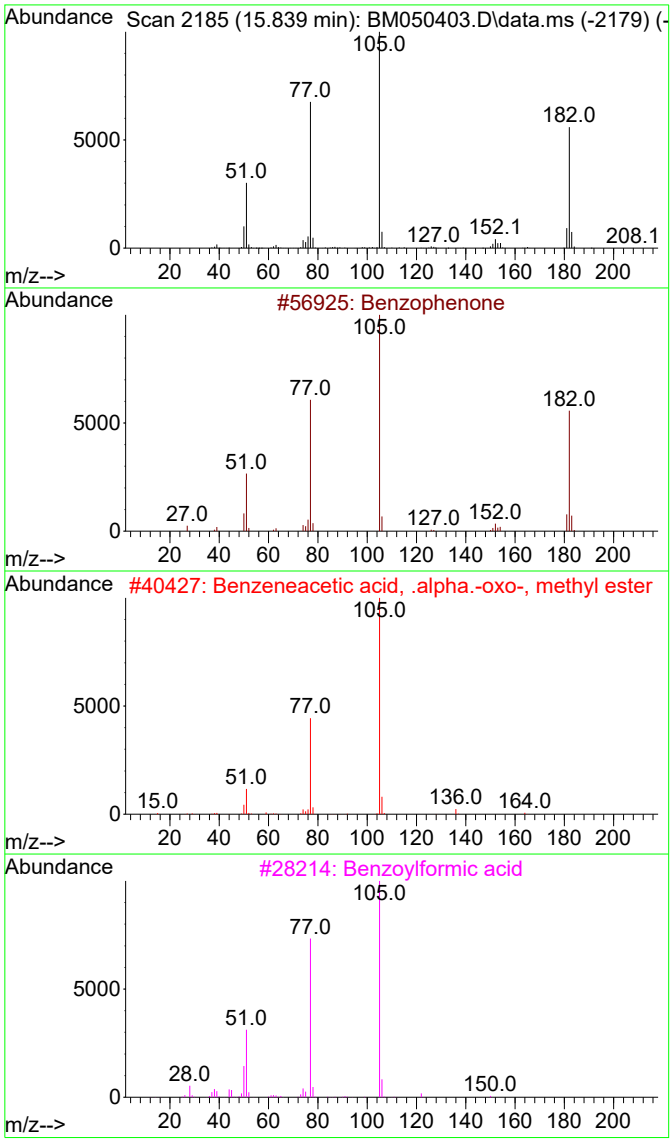
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

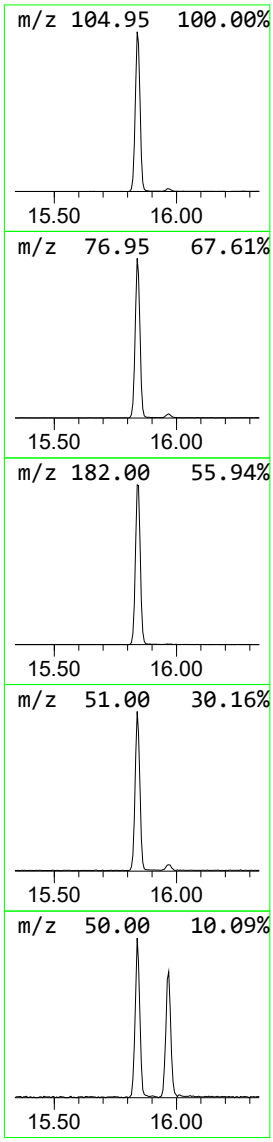
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Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	5.75 ng	1794340	Acenaphthene-d10	14.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	Isopropyl phenyl ketone	148	C10H12O	000611-70-1	47
5	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050403.D
Acq On : 10 Jul 2025 23:59
Operator : RC/JU
Sample : Q2543-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

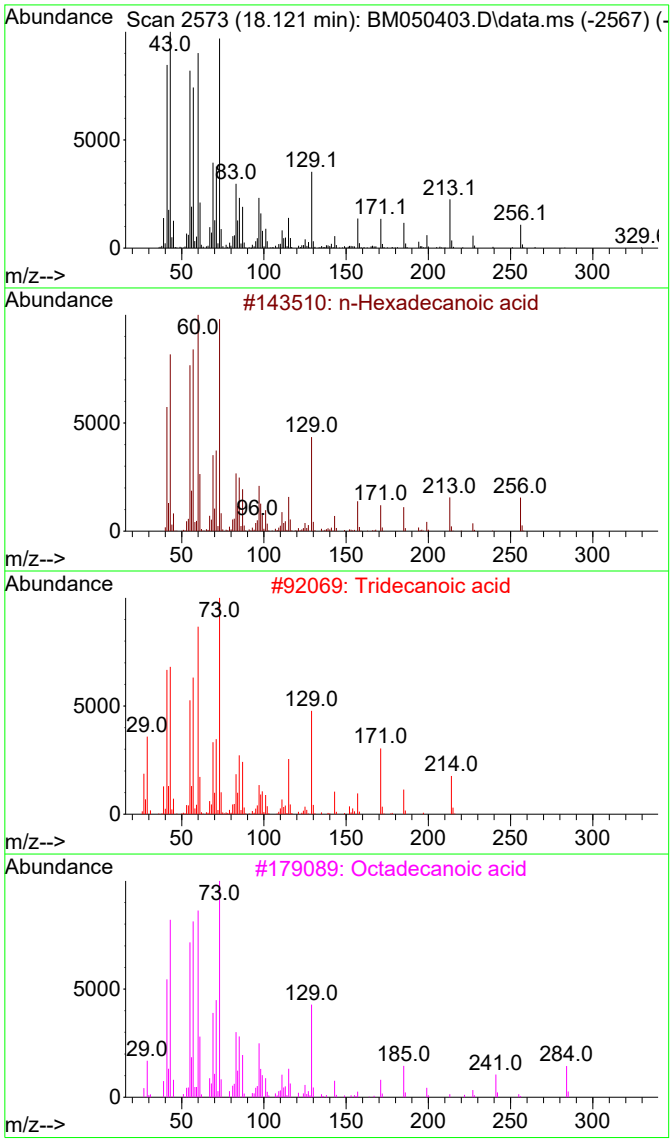
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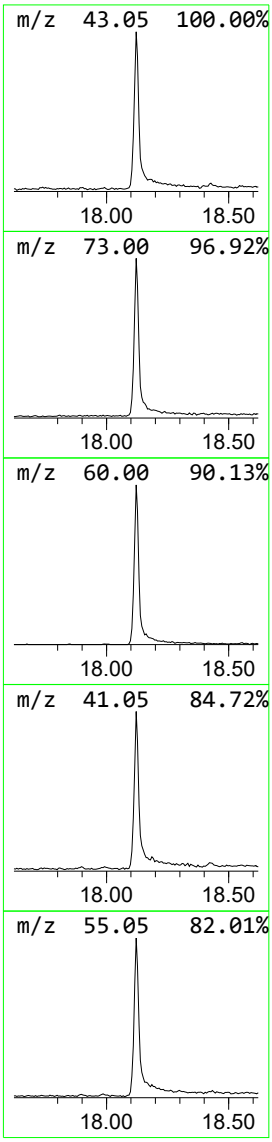
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	2.84 ng	1045280	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050403.D
Acq On : 10 Jul 2025 23:59
Operator : RC/JU
Sample : Q2543-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

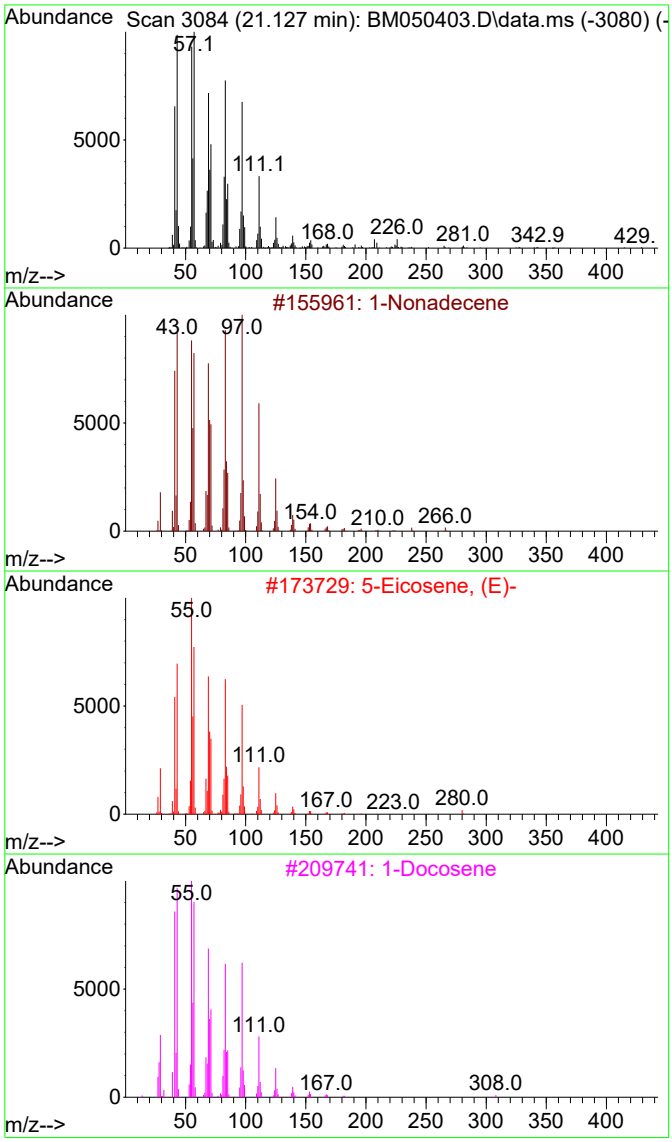
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

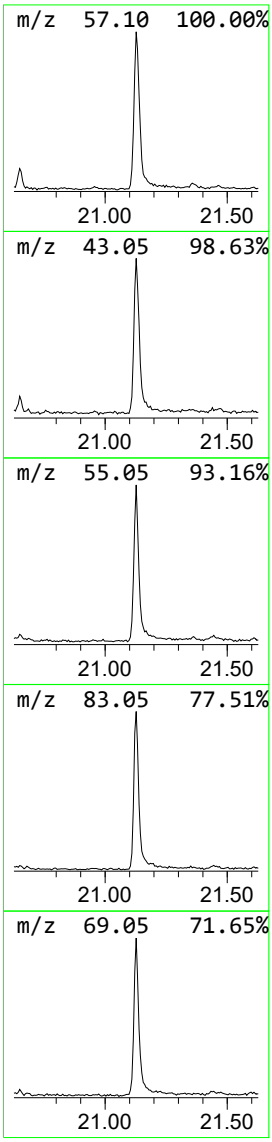
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Peak Number 5 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	2.14 ng	923103	Chrysene-d12	21.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	1-Docosene	308	C22H44	001599-67-3	94
4	Octacosanol	410	C28H58O	000557-61-9	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





Sample Results: **BM050403.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050403.D
Acq On : 10 Jul 2025 23:59
Operator : RC/JU
Sample : Q2543-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23-99

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.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
Butane, 2-metho...	3.040	11.1	ng	2017800	1	7.863	3653420	20.0
2-Pentanone, 4-...	4.975	4.5	ng	824528	1	7.863	3653420	20.0
Benzophenone	15.839	5.8	ng	1794340	3	14.486	6240580	20.0
n-Hexadecanoic ...	18.121	2.8	ng	1045280	4	17.221	7371770	20.0
1-Nonadecene	21.127	2.1	ng	923103	5	21.444	8636050	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: CAMP02

Lab Code: ACE SDG No.: Q2543

Instrument ID: BNA_M Calibration Date(s): 07/08/2025 07/08/2025

Calibration Time(s): 12:39 17:22

LAB FILE ID: RRF2.5 = BM050377.D RRF005 = BM050378.D RRF010 = BM050379.D
RRF020 = BM050380.D RRF040 = BM050381.D RRF050 = BM050382.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.126	1.079	1.149	1.152	1.258	1.162	4.9
Benzaldehyde			0.944	0.985	0.897	0.837	0.871	13.0
Phenol-d6		1.367	1.327	1.441	1.466	1.607	1.465	6.7
Phenol		1.460	1.412	1.516	1.508	1.666	1.528	5.5
bis(2-Chloroethyl)ether		1.202	1.134	1.223	1.196	1.324	1.223	4.9
2-Chlorophenol		1.135	1.105	1.219	1.217	1.341	1.225	6.9
2-Methylphenol		0.922	0.898	0.980	0.990	1.089	0.991	6.7
2,2-oxybis(1-Chloropropane)		1.835	1.741	1.818	1.752	1.907	1.802	3.4
Acetophenone		0.493	0.479	0.501	0.491	0.534	0.500	3.7
3+4-Methylphenols			1.170	1.296	1.325	1.458	1.330	7.3
n-Nitroso-di-n-propylamine	0.790	0.805	0.808	0.888	0.911	1.005	0.887	9.0
Nitrobenzene-d5		0.362	0.355	0.390	0.392	0.429	0.392	6.8
Hexachloroethane		0.518	0.501	0.532	0.520	0.574	0.535	4.7
Nitrobenzene		0.333	0.329	0.353	0.345	0.377	0.350	4.7
Isophorone		0.571	0.574	0.634	0.640	0.702	0.636	7.7
2-Nitrophenol		0.107	0.112	0.132	0.147	0.167	0.143	18.3
2,4-Dimethylphenol		0.295	0.275	0.301	0.299	0.329	0.303	5.6
bis(2-Chloroethoxy)methane		0.407	0.395	0.422	0.417	0.454	0.422	4.6
2,4-Dichlorophenol		0.277	0.279	0.311	0.312	0.344	0.312	8.3
Naphthalene		1.033	0.975	1.024	0.988	1.071	1.016	3.3
4-Chloroaniline		0.398	0.397	0.427	0.429	0.465	0.429	6.0
Hexachlorobutadiene		0.222	0.209	0.222	0.221	0.244	0.228	5.4
Caprolactam			0.064	0.081	0.087	0.096	0.085	13.9
4-Chloro-3-methylphenol		0.258	0.256	0.288	0.295	0.326	0.291	9.1
2-Methylnaphthalene		0.611	0.595	0.638	0.635	0.693	0.641	5.2
Hexachlorocyclopentadiene			0.320	0.361	0.396	0.450	0.407	14.1
2,4,6-Trichlorophenol		0.330	0.335	0.377	0.394	0.443	0.391	11.8
2-Fluorobiphenyl		1.572	1.538	1.611	1.592	1.753	1.620	4.7
2,4,5-Trichlorophenol		0.359	0.376	0.415	0.430	0.484	0.428	11.1
1,1-Biphenyl		1.464	1.419	1.479	1.441	1.586	1.484	3.8
2-Chloronaphthalene		1.164	1.126	1.187	1.150	1.267	1.183	3.9
2-Nitroaniline		0.197	0.211	0.253	0.278	0.312	0.264	17.2
Dimethylphthalate		1.323	1.285	1.368	1.351	1.506	1.377	5.3
Acenaphthylene		1.645	1.658	1.795	1.775	1.956	1.788	6.2

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: CAMP02

Lab Code: ACE SDG No.: Q2543

Instrument ID: BNA_M Calibration Date(s): 07/08/2025 07/08/2025

Calibration Time(s): 12:39 17:22

LAB FILE ID: RRF2.5 = BM050377.D RRF005 = BM050378.D RRF010 = BM050379.D
RRF020 = BM050380.D RRF040 = BM050381.D RRF050 = BM050382.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.196	0.224	0.263	0.273	0.308	0.264	15.4
3-Nitroaniline		0.204	0.231	0.278	0.294	0.330	0.281	16.8
Acenaphthene		1.086	1.050	1.126	1.111	1.231	1.137	5.5
2,4-Dinitrophenol			0.074	0.097	0.117	0.140	0.121	25.4
4-Nitrophenol			0.182	0.225	0.245	0.276	0.242	14.2
Dibenzofuran		1.747	1.674	1.756	1.709	1.880	1.751	3.8
2,4-Dinitrotoluene		0.234	0.277	0.340	0.371	0.422	0.350	20.3
Diethylphthalate		1.217	1.210	1.319	1.309	1.454	1.315	6.5
4-Chlorophenyl-phenylether		0.687	0.673	0.733	0.747	0.839	0.754	8.3
Fluorene		1.348	1.328	1.428	1.419	1.582	1.443	6.3
4-Nitroaniline		0.192	0.228	0.284	0.311	0.350	0.288	20.1
4,6-Dinitro-2-methylphenol			0.057	0.077	0.094	0.109	0.095	24.9
n-Nitrosodiphenylamine		0.572	0.577	0.620	0.623	0.678	0.626	6.5
2,4,6-Tribromophenol		0.182	0.195	0.230	0.248	0.285	0.243	17.4
4-Bromophenyl-phenylether		0.196	0.194	0.211	0.218	0.242	0.220	9.6
Hexachlorobenzene		0.239	0.233	0.253	0.256	0.283	0.260	7.8
Atrazine		0.166	0.175	0.199	0.211	0.232	0.206	13.0
Pentachlorophenol			0.122	0.145	0.161	0.181	0.162	15.2
Phenanthrene		1.119	1.070	1.119	1.101	1.206	1.132	3.9
Anthracene		1.028	1.017	1.109	1.117	1.233	1.127	7.4
Carbazole		0.939	0.944	1.009	1.010	1.108	1.019	6.2
Di-n-butylphthalate		0.954	0.961	1.091	1.140	1.252	1.116	10.8
Fluoranthene		1.088	1.079	1.182	1.233	1.366	1.230	9.7
Pyrene		1.198	1.177	1.260	1.260	1.388	1.281	6.3
Terphenyl-d14		1.095	1.110	1.225	1.258	1.298	1.137	12.4
Butylbenzylphthalate		0.317	0.334	0.401	0.441	0.492	0.422	17.4
3,3-Dichlorobenzidine			0.351	0.406	0.429	0.498	0.439	12.7
Benzo(a)anthracene		1.204	1.202	1.282	1.282	1.428	1.303	6.6
Chrysene		1.162	1.153	1.200	1.209	1.327	1.229	5.4
Bis(2-ethylhexyl)phthalate		0.499	0.546	0.658	0.705	0.780	0.670	16.3
Di-n-octyl phthalate			0.742	0.931	1.058	1.193	1.050	17.4
Benzo(b)fluoranthene		1.090	1.075	1.177	1.230	1.368	1.230	9.8
Benzo(k)fluoranthene		1.105	1.138	1.247	1.263	1.444	1.276	9.9
Benzo(a)pyrene		0.962	0.985	1.099	1.156	1.314	1.152	12.4
Indeno(1,2,3-cd)pyrene		1.208	1.238	1.374	1.415	1.603	1.422	11.2

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: CAMP02

Lab Code: ACE SDG No.: Q2543

Instrument ID: BNA_M Calibration Date(s): 07/08/2025 07/08/2025

Calibration Time(s): 12:39 17:22

LAB FILE ID: RRF2.5 = BM050377.D RRF005 = BM050378.D RRF010 = BM050379.D
RRF020 = BM050380.D RRF040 = BM050381.D RRF050 = BM050382.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.022	1.035	1.159	1.193	1.352	1.198	11.2
Benzo(g,h,i)perylene		0.992	1.001	1.097	1.121	1.264	1.132	9.7
1,2,4,5-Tetrachlorobenzene		0.590	0.569	0.611	0.622	0.700	0.636	7.9
1,4-Dioxane		0.504	0.466	0.482	0.460	0.501	0.478	4.0
2,3,4,6-Tetrachlorophenol		0.299	0.306	0.355	0.365	0.405	0.360	11.9

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 08 18:32:25 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050377.D 5 =BM050378.D 10 =BM050379.D 20 =BM050380.D 40 =BM050381.D 50 =BM050382.D 60 =BM050383.D 80 =BM0503
84.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.504	0.466	0.482	0.460	0.501	0.474	0.457	0.478	3.99
3)		Pyridine		1.249	1.197	1.256	1.228	1.336	1.279	1.236	1.254	3.52
4)		n-Nitrosodimet...			0.562	0.595	0.572	0.620	0.595	0.565	0.585	3.88
5)	S	2-Fluorophenol		1.126	1.079	1.149	1.152	1.258	1.202	1.168	1.162	4.89
6)		Aniline		1.784	1.702	1.844	1.878	2.042	1.987	1.921	1.880	6.20
7)	S	Phenol-d6		1.367	1.327	1.441	1.466	1.607	1.547	1.498	1.465	6.67
8)		2-Chlorophenol		1.135	1.105	1.219	1.217	1.341	1.301	1.258	1.225	6.89
9)		Benzaldehyde			0.944	0.985	0.897	0.837	0.694		0.871	13.03
10)	C	Phenol		1.460	1.412	1.516	1.508	1.666	1.598	1.535	1.528	5.51
11)		bis(2-Chloroet...		1.202	1.134	1.223	1.196	1.324	1.268	1.218	1.223	4.88
12)		1,3-Dichlorobe...		1.504	1.425	1.496	1.448	1.580	1.511	1.465	1.490	3.40
13)	C	1,4-Dichlorobe...		1.553	1.459	1.536	1.465	1.610	1.538	1.487	1.521	3.57
14)		1,2-Dichlorobe...		1.481	1.395	1.454	1.410	1.541	1.485	1.428	1.456	3.48
15)		Benzyl Alcohol			0.907	0.995	1.022	1.125	1.090	1.052	1.032	7.45
16)		2,2'-oxybis(1-...		1.835	1.741	1.818	1.752	1.907	1.821	1.741	1.802	3.41
17)		2-Methylphenol		0.922	0.898	0.980	0.990	1.089	1.048	1.008	0.991	6.71
18)		Hexachloroethane		0.518	0.501	0.532	0.520	0.574	0.556	0.543	0.535	4.66
19)	P	n-Nitroso-di-n...	0.790	0.805	0.808	0.888	0.911	1.005	0.968	0.924	0.887	9.01
20)		3+4-Methylphenols			1.170	1.296	1.325	1.458	1.393	1.338	1.330	7.29
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.493	0.479	0.501	0.491	0.534	0.513	0.489	0.500	3.69
23)	S	Nitrobenzene-d5		0.362	0.355	0.390	0.392	0.429	0.415	0.400	0.392	6.77
24)		Nitrobenzene		0.333	0.329	0.353	0.345	0.377	0.362	0.349	0.350	4.73
25)		Isophorone		0.571	0.574	0.634	0.640	0.702	0.679	0.652	0.636	7.73
26)	C	2-Nitrophenol		0.107	0.112	0.132	0.147	0.167	0.167	0.167	0.143	18.26
27)		2,4-Dimethylph...		0.295	0.275	0.301	0.299	0.329	0.317	0.308	0.303	5.63
28)		bis(2-Chloroet...		0.407	0.395	0.422	0.417	0.454	0.436	0.420	0.422	4.61
29)	C	2,4-Dichloroph...		0.277	0.279	0.311	0.312	0.344	0.334	0.325	0.312	8.26
30)		1,2,4-Trichlor...		0.370	0.349	0.369	0.362	0.397	0.385	0.378	0.373	4.21
31)		Naphthalene		1.033	0.975	1.024	0.988	1.071	1.029	0.992	1.016	3.26
32)		Benzoic acid			0.100	0.139	0.164	0.195	0.194	0.199	0.165	23.89
33)		4-Chloroaniline		0.398	0.397	0.427	0.429	0.465	0.453	0.437	0.429	6.00
34)	C	Hexachlorobuta...		0.222	0.209	0.222	0.221	0.244	0.239	0.235	0.228	5.37
35)		Caprolactam			0.064	0.081	0.087	0.096	0.093	0.090	0.085	13.87
36)	C	4-Chloro-3-met...		0.258	0.256	0.288	0.295	0.326	0.313	0.302	0.291	9.10
37)		2-Methylnaphth...		0.611	0.595	0.638	0.635	0.693	0.671	0.647	0.641	5.19
38)		1-Methylnaphth...		0.651	0.629	0.674	0.673	0.736	0.707	0.681	0.679	5.17

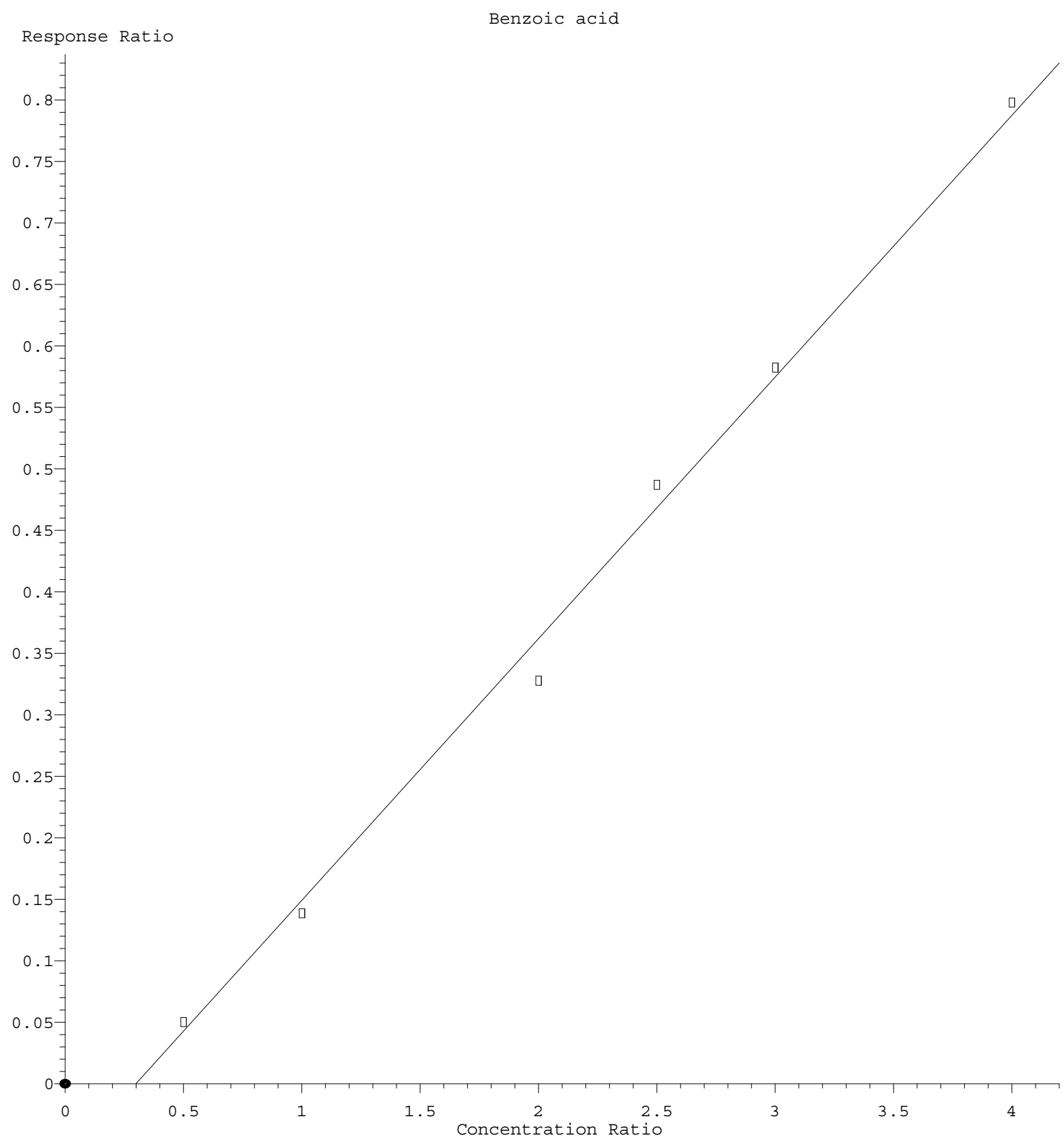
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.590	0.569	0.611	0.622	0.700	0.683	0.677	0.636	7.93
41)	P	Hexachlorocycl...		0.320	0.361	0.396	0.450	0.454	0.459	0.407	14.08
42)	S	2,4,6-Tribromo...	0.182	0.195	0.230	0.248	0.285	0.280	0.280	0.243	17.40
43)	C	2,4,6-Trichlor...	0.330	0.335	0.377	0.394	0.443	0.434	0.427	0.391	11.81
44)		2,4,5-Trichlor...	0.359	0.376	0.415	0.430	0.484	0.470	0.460	0.428	11.13
45)	S	2-Fluorobiphenyl	1.572	1.538	1.611	1.592	1.753	1.697	1.575	1.620	4.74
46)		1,1'-Biphenyl	1.464	1.419	1.479	1.441	1.586	1.527	1.471	1.484	3.79
47)		2-Chloronaphth...	1.164	1.126	1.187	1.150	1.267	1.217	1.171	1.183	3.93
48)		2-Nitroaniline	0.197	0.211	0.253	0.278	0.312	0.302	0.295	0.264	17.17
49)		Acenaphthylene	1.645	1.658	1.795	1.775	1.956	1.875	1.811	1.788	6.21
50)		Dimethylphthalate	1.323	1.285	1.368	1.351	1.506	1.432	1.373	1.377	5.29
51)		2,6-Dinitrotol...	0.196	0.224	0.263	0.273	0.308	0.297	0.289	0.264	15.41
52)	C	Acenaphthene	1.086	1.050	1.126	1.111	1.231	1.196	1.158	1.137	5.51
53)		3-Nitroaniline	0.204	0.231	0.278	0.294	0.330	0.319	0.311	0.281	16.81
54)	P	2,4-Dinitrophenol		0.074	0.097	0.117	0.140	0.147	0.150	0.121	25.40
55)		Dibenzofuran	1.747	1.674	1.756	1.709	1.880	1.784	1.711	1.751	3.84
56)	P	4-Nitrophenol		0.182	0.225	0.245	0.276	0.265	0.258	0.242	14.15
57)		2,4-Dinitrotol...	0.234	0.277	0.340	0.371	0.422	0.407	0.401	0.350	20.31
58)		Fluorene	1.348	1.328	1.428	1.419	1.582	1.522	1.470	1.443	6.29
59)		2,3,4,6-Tetrac...	0.299	0.306	0.355	0.365	0.405	0.397	0.392	0.360	11.92
60)		Diethylphthalate	1.217	1.210	1.319	1.309	1.454	1.379	1.320	1.315	6.51
61)		4-Chlorophenyl...	0.687	0.673	0.733	0.747	0.839	0.811	0.790	0.754	8.28
62)		4-Nitroaniline	0.192	0.228	0.284	0.311	0.350	0.331	0.320	0.288	20.10
63)		Azobenzene	1.085	1.116	1.234	1.208	1.335	1.272	1.204	1.208	7.15
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.057	0.077	0.094	0.109	0.113	0.117	0.095	24.90
66)	c	n-Nitrosodiphe...	0.572	0.577	0.620	0.623	0.678	0.658	0.654	0.626	6.49
67)		4-Bromophenyl-...	0.196	0.194	0.211	0.218	0.242	0.240	0.241	0.220	9.61
68)		Hexachlorobenzene	0.239	0.233	0.253	0.256	0.283	0.279	0.278	0.260	7.78
69)		Atrazine	0.166	0.175	0.199	0.211	0.232	0.228	0.227	0.206	12.95
70)	C	Pentachlorophenol		0.122	0.145	0.161	0.181	0.180	0.183	0.162	15.23
71)		Phenanthrene	1.119	1.070	1.119	1.101	1.206	1.163	1.143	1.132	3.91
72)		Anthracene	1.028	1.017	1.109	1.117	1.233	1.204	1.179	1.127	7.44
73)		Carbazole	0.939	0.944	1.009	1.010	1.108	1.073	1.052	1.019	6.23
74)		Di-n-butylphth...	0.954	0.961	1.091	1.140	1.252	1.216	1.196	1.116	10.76
75)	C	Fluoranthene	1.088	1.079	1.182	1.233	1.366	1.339	1.327	1.230	9.67
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.370	0.521	0.553	0.601	0.552	0.464	0.510	16.08
78)		Pyrene	1.198	1.177	1.260	1.260	1.388	1.366	1.316	1.281	6.26
79)	S	Terphenyl-d14	1.095	1.110	1.225	1.258	1.298	1.094	0.878	1.137	12.43
80)		Butylbenzylpht...	0.317	0.334	0.401	0.441	0.492	0.491	0.479	0.422	17.39
81)		Benzo(a)anthra...	1.204	1.202	1.282	1.282	1.428	1.379	1.345	1.303	6.57
82)		3,3'-Dichlorob...		0.351	0.406	0.429	0.498	0.487	0.465	0.439	12.66
83)		Chrysene	1.162	1.153	1.200	1.209	1.327	1.303	1.249	1.229	5.45
84)		Bis(2-ethylhex...	0.499	0.546	0.658	0.705	0.780	0.763	0.742	0.670	16.33
85)	c	Di-n-octyl pht...		0.742	0.931	1.058	1.193	1.194	1.183	1.050	17.44

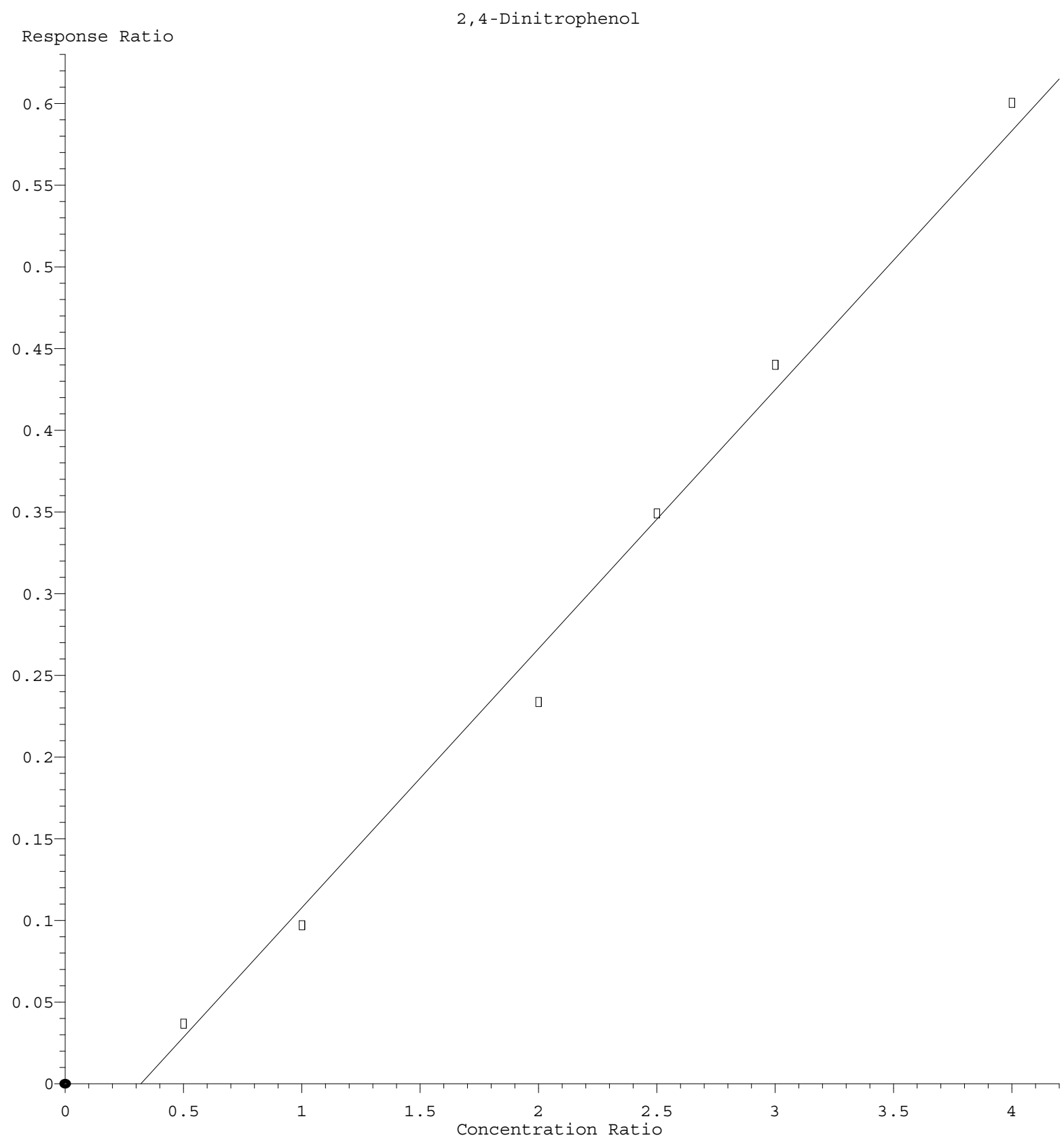
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.208	1.238	1.374	1.415	1.603	1.564	1.551	1.422	11.17
88)		Benzo(b)fluora...	1.090	1.075	1.177	1.230	1.368	1.344	1.327	1.230	9.83
89)		Benzo(k)fluora...	1.105	1.138	1.247	1.263	1.444	1.387	1.350	1.276	9.86
90)	C	Benzo(a)pyrene	0.962	0.985	1.099	1.156	1.314	1.281	1.264	1.152	12.41
91)		Dibenzo(a,h)an...	1.022	1.035	1.159	1.193	1.352	1.320	1.301	1.198	11.23
92)		Benzo(g,h,i)pe...	0.992	1.001	1.097	1.121	1.263	1.232	1.216	1.132	9.73

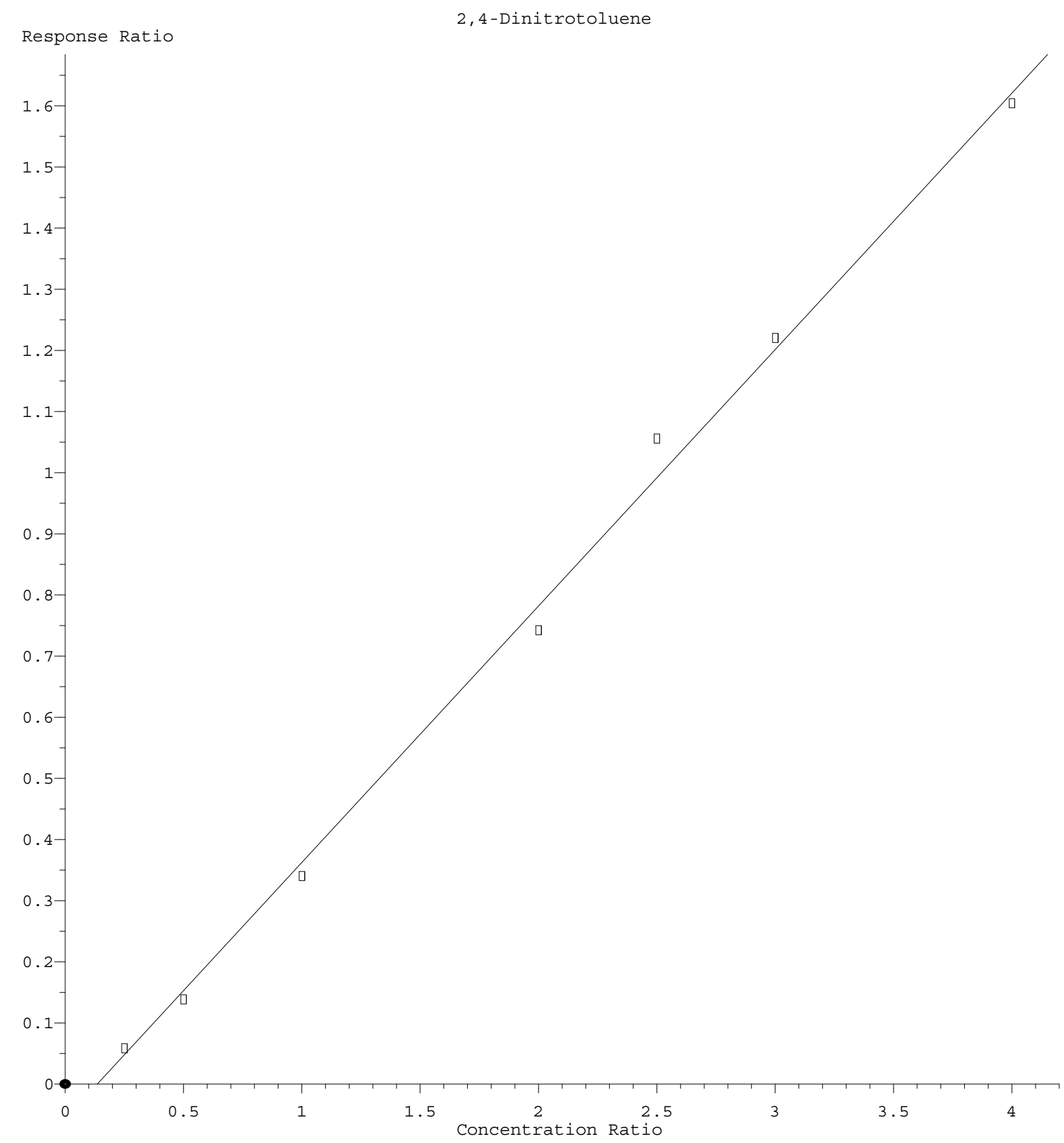
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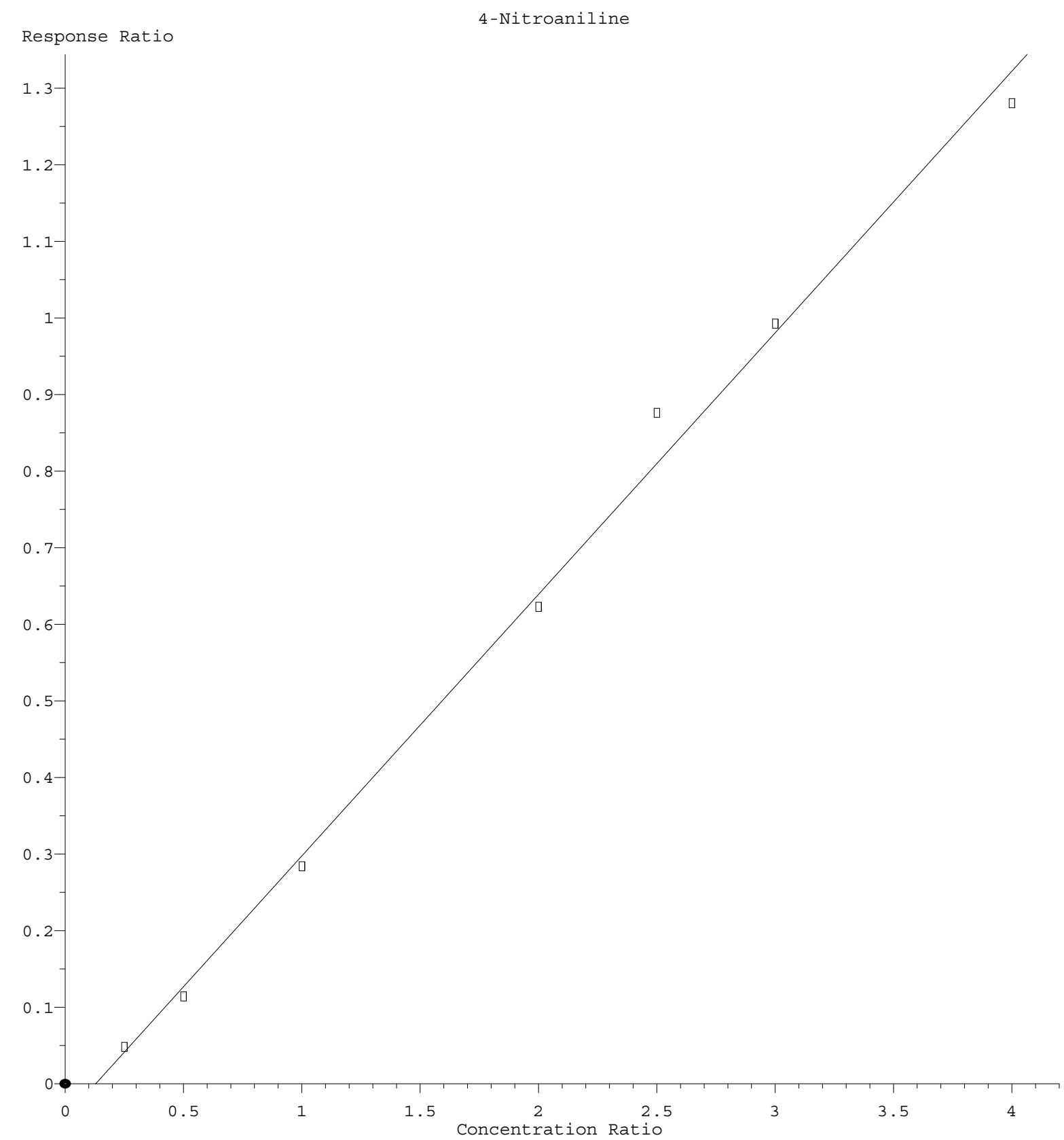
Response = 2.127e-001 * Amt - 6.353e-002
Coef of Det (r^2) = 0.995611 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025



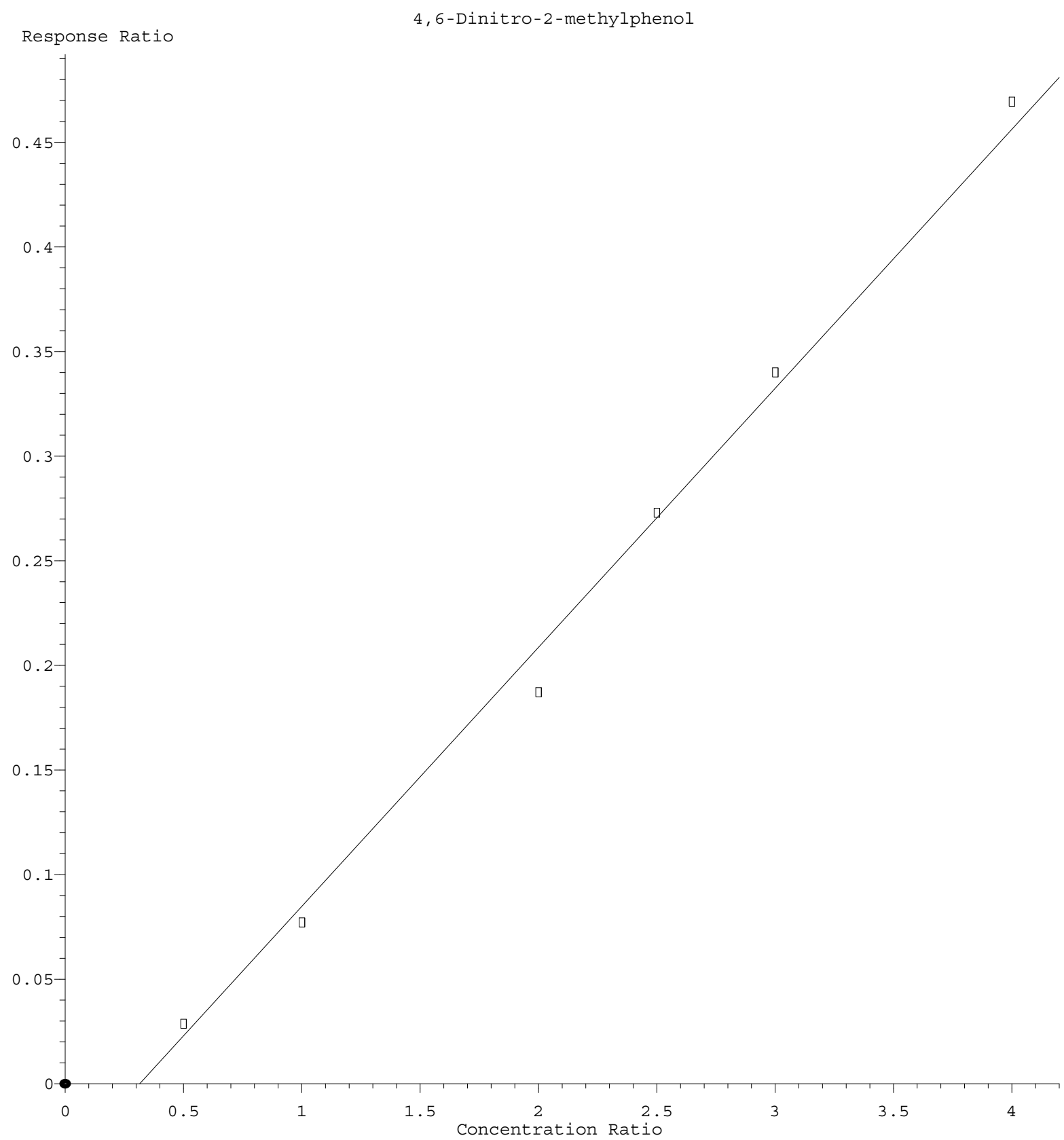
Response = 1.586e-001 * Amt - 5.080e-002
Coef of Det (r^2) = 0.992540 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025



Response = 4.196e-001 * Amt - 5.715e-002
Coef of Det (r^2) = 0.996987 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025



Response = 3.416e-001 * Amt - 4.419e-002
Coef of Det (r^2) = 0.996508 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025



Response = 1.238e-001 * Amt - 3.901e-002
Coef of Det (r^2) = 0.994498 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050377.D
Acq On : 08 Jul 2025 12:39
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 08 18:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	378493	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1426576	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	874661	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1666049	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1594000	20.000	ng	0.00
86) Perylene-d12	24.491	264	1645810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.663	70	37375	2.226	ng	100

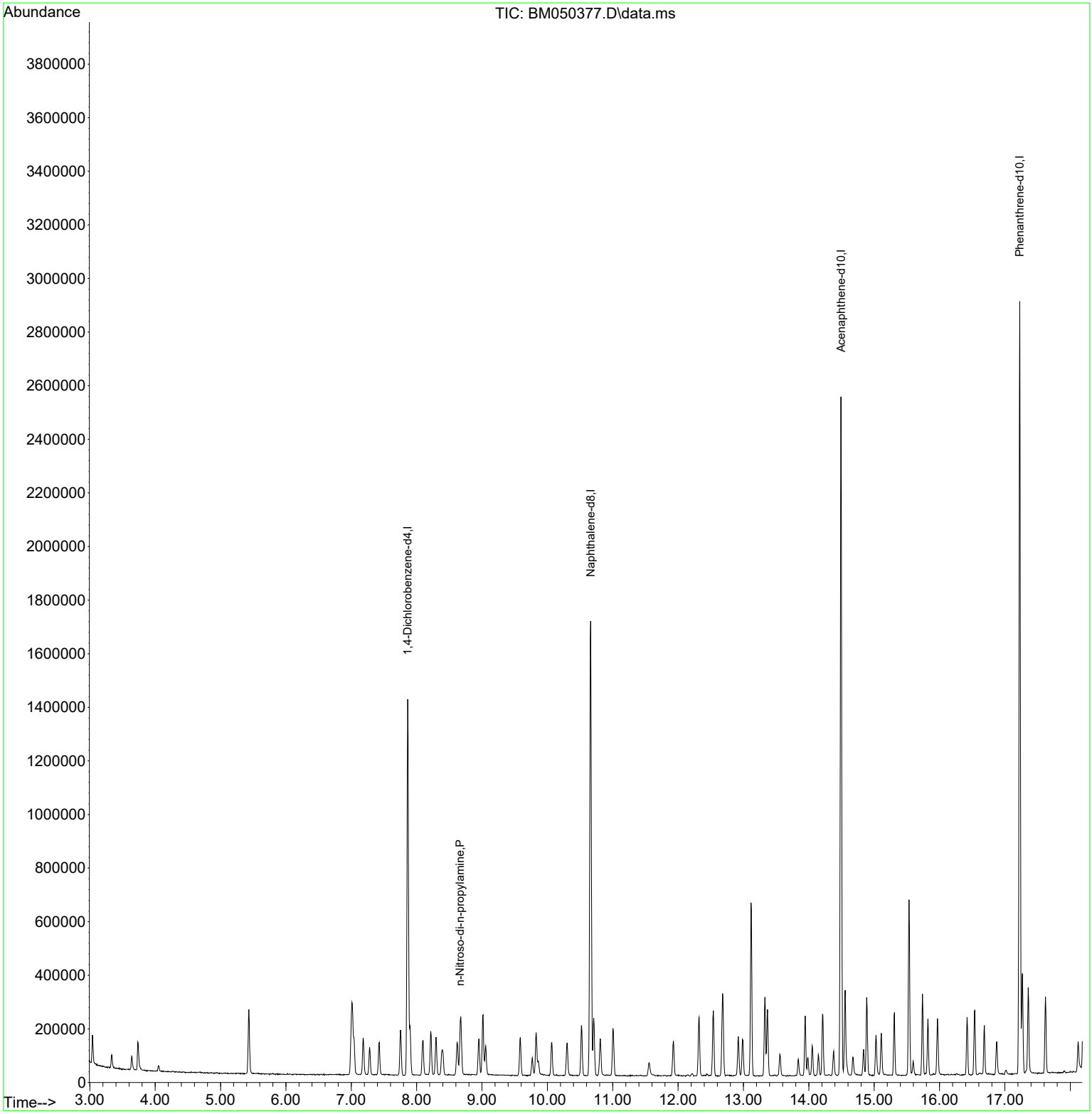
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050377.D
Acq On : 08 Jul 2025 12:39
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

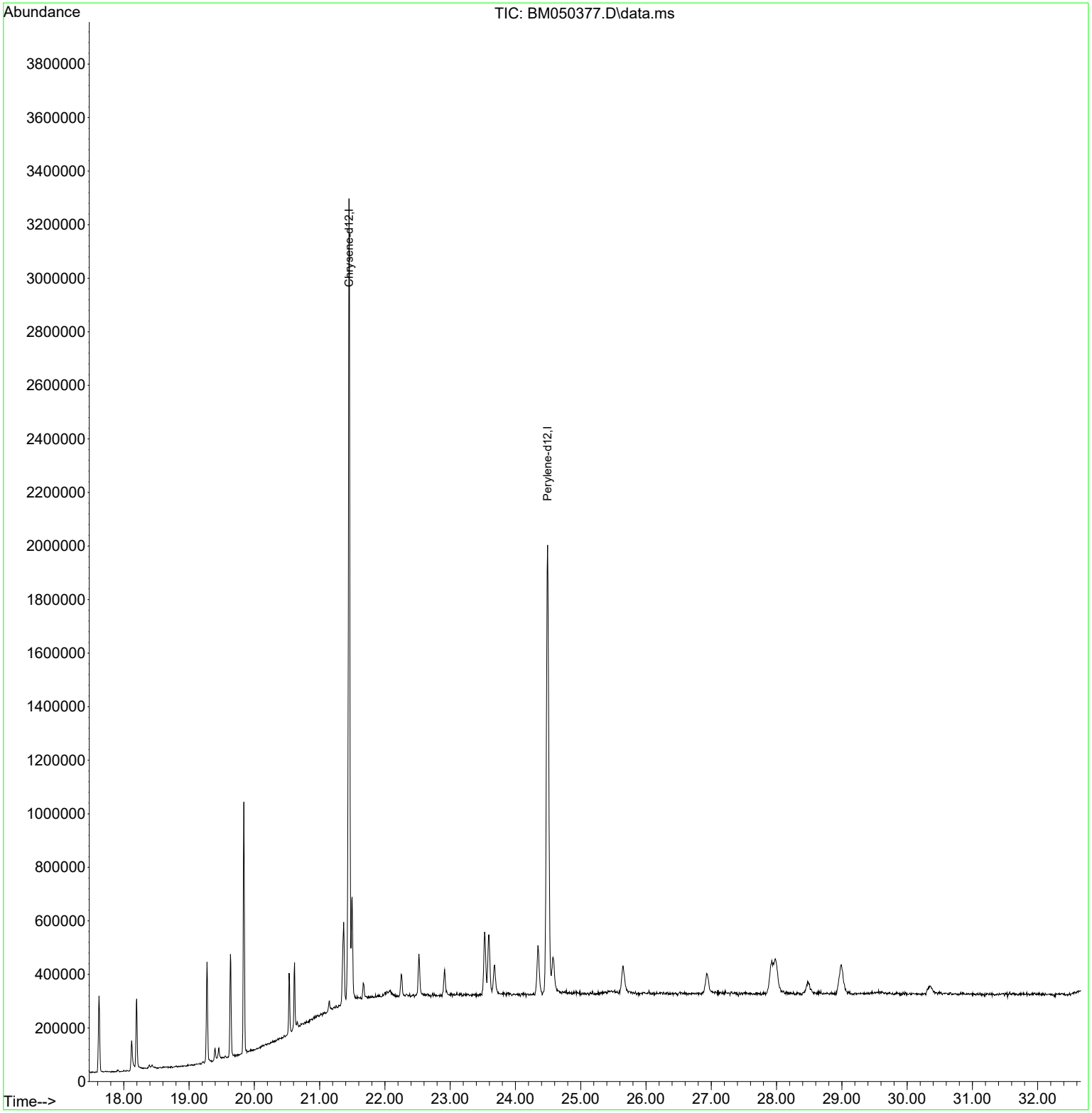
Quant Time: Jul 08 18:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

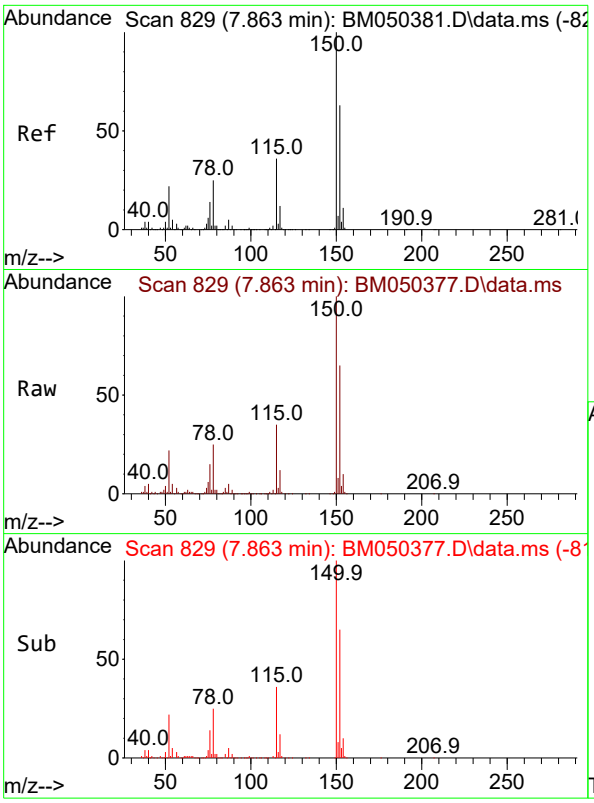


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050377.D
Acq On : 08 Jul 2025 12:39
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 08 18:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



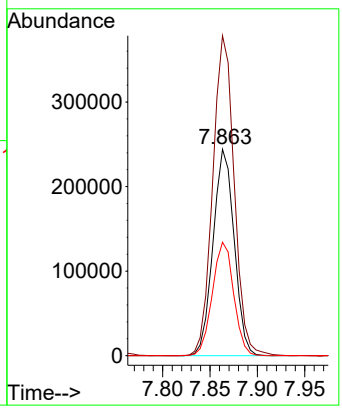


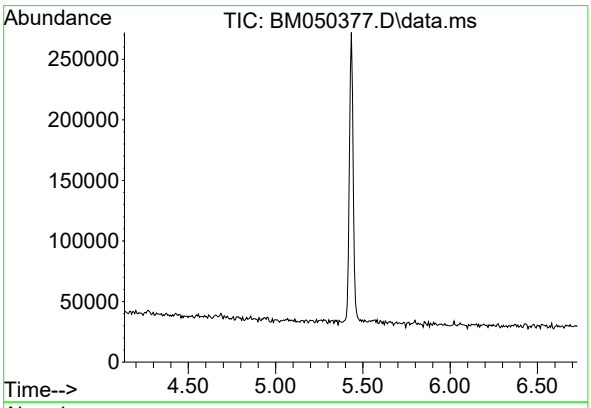
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 378493

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.4
115	55.0	45.8	68.8



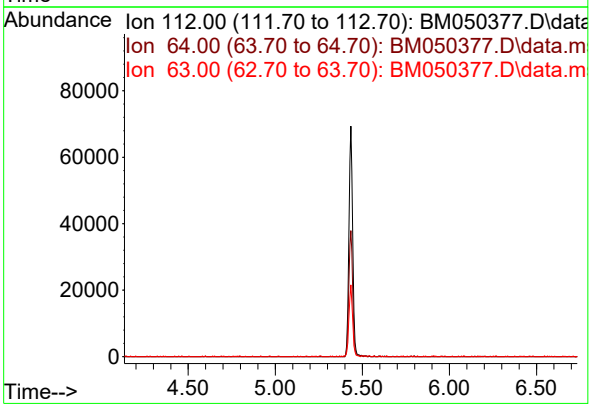


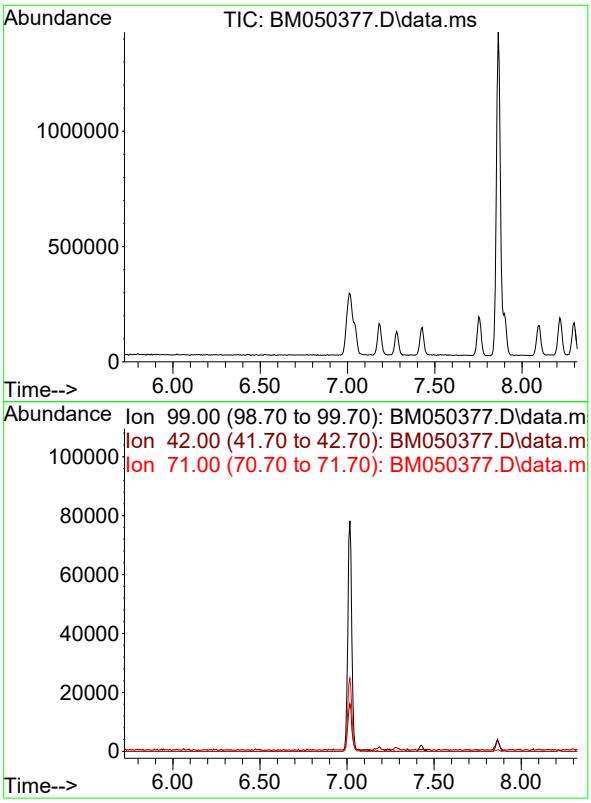
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.43 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	56.9
63	30.3





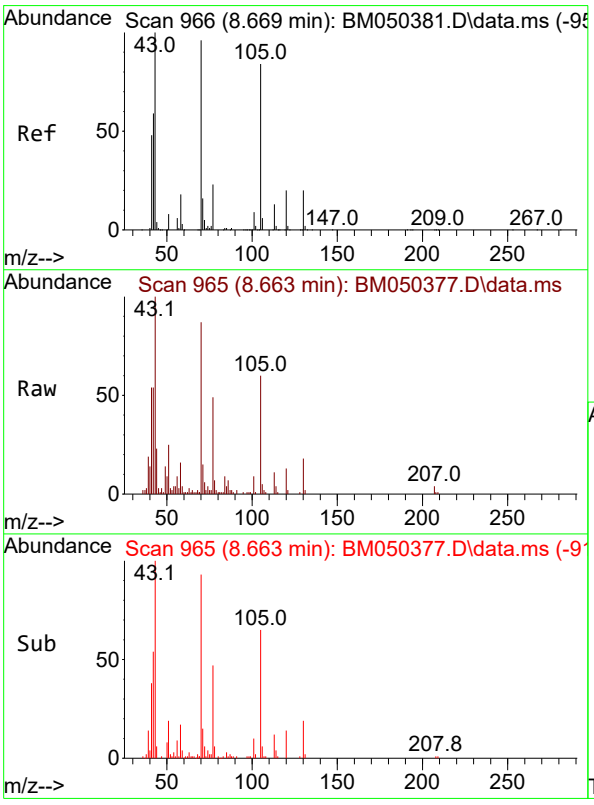
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.02 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

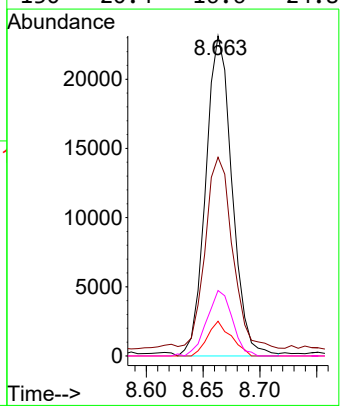
Sig	Exp Ratio
99	100
42	18.8
71	32.4

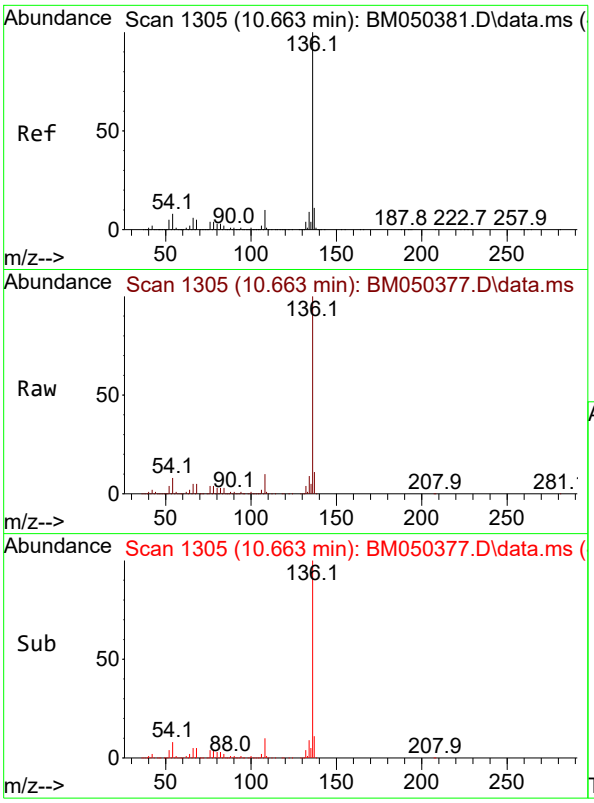


#19
n-Nitroso-di-n-propylamine
Concen: 2.226 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 70 Resp: 37375

Ion	Ratio	Lower	Upper
70	100		
42	62.1	49.7	74.5
101	10.8	7.7	11.5
130	20.4	16.6	24.8



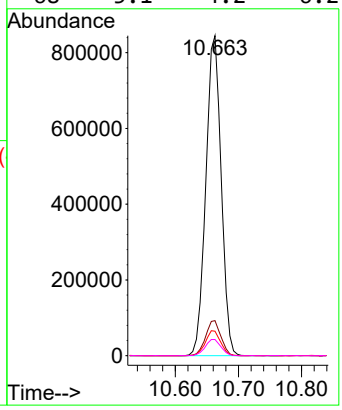


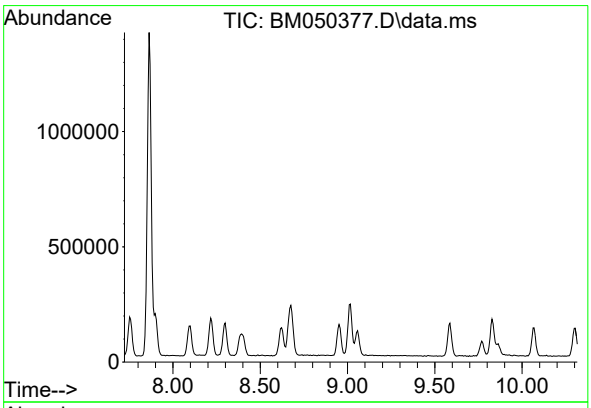
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1426576

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	5.1	4.2	6.2



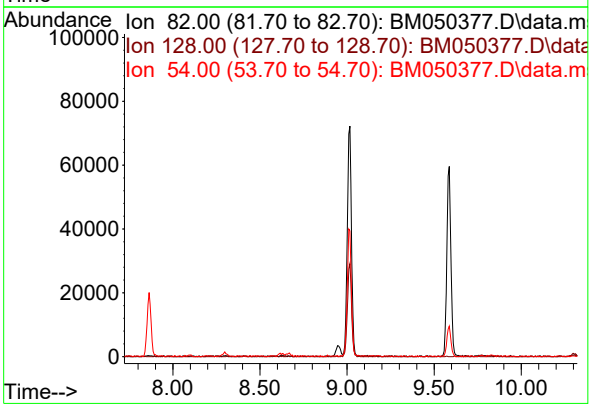


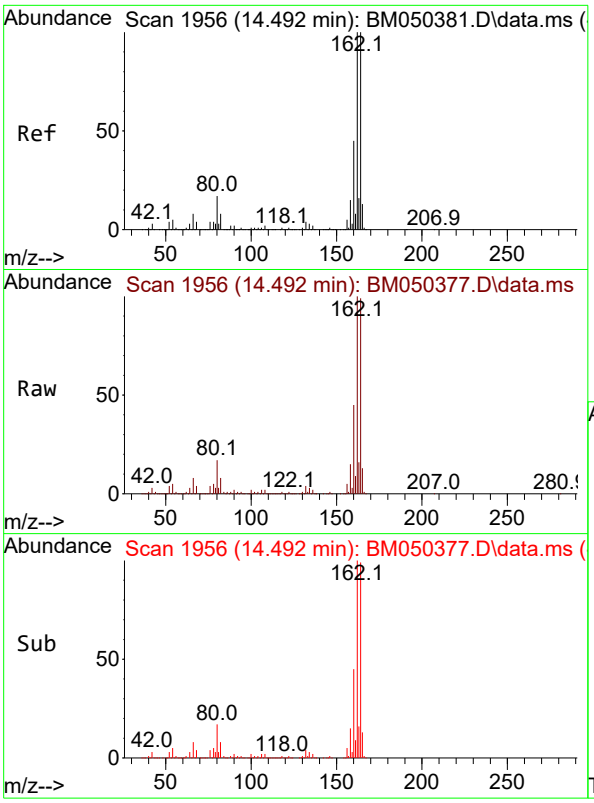
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.02 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.0
54	51.9



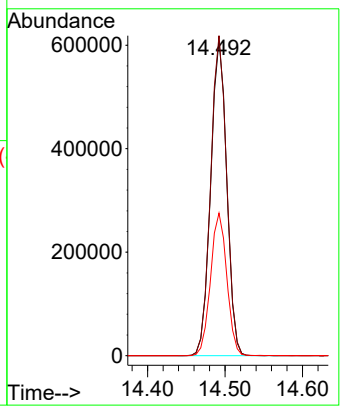


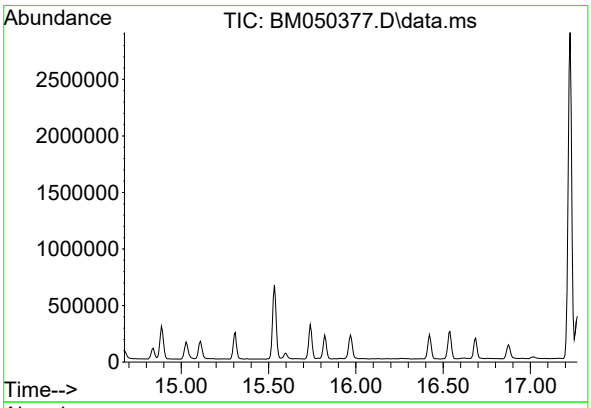
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 874661

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.9	119.9
160	45.2	36.2	54.4



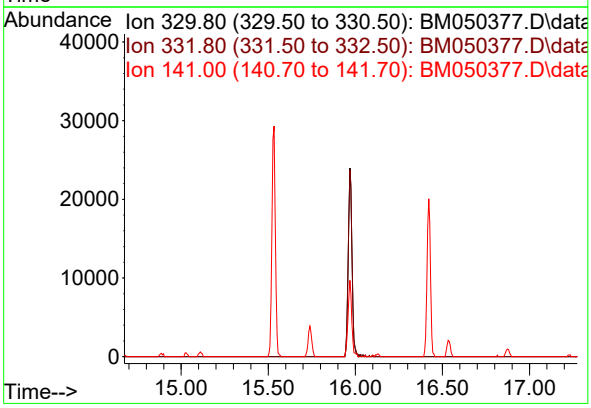


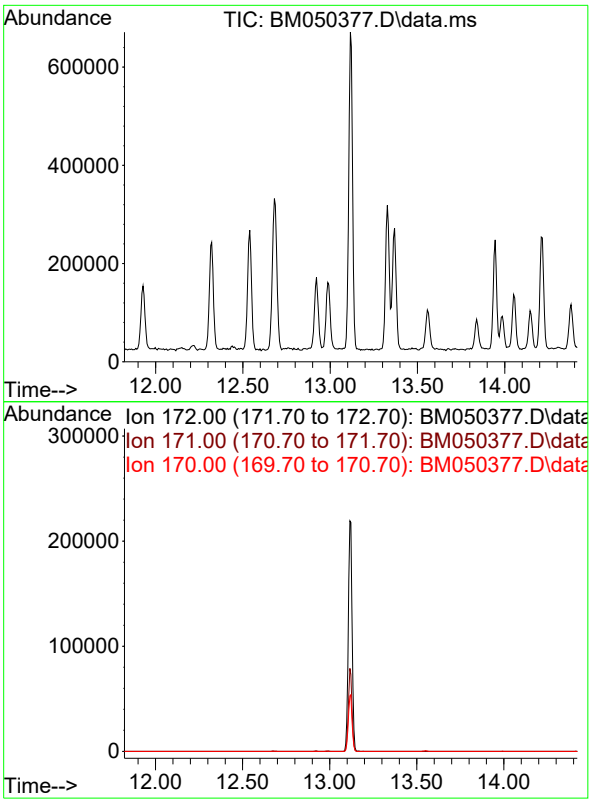
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.97 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.1
141	34.2





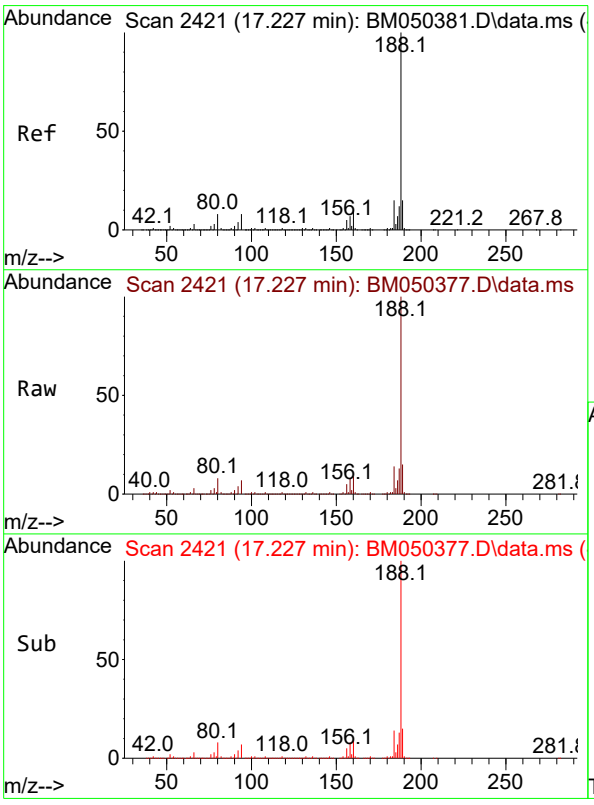
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.12 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

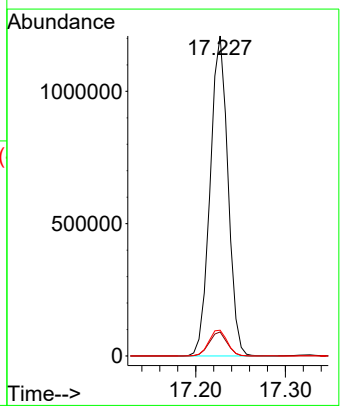
Sig	Exp Ratio
172	100
171	34.6
170	23.5

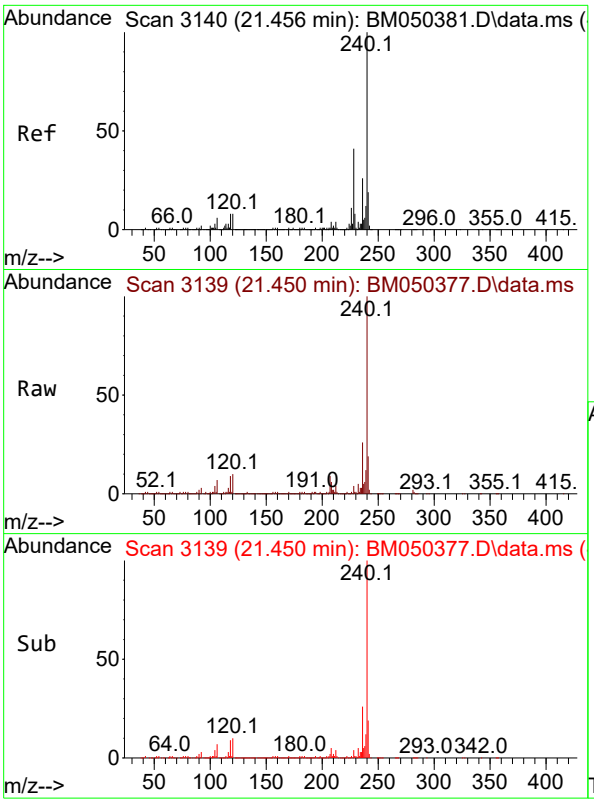


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion:188 Resp: 1666049

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.0	6.5	9.7



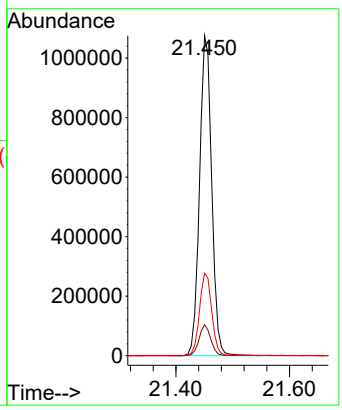


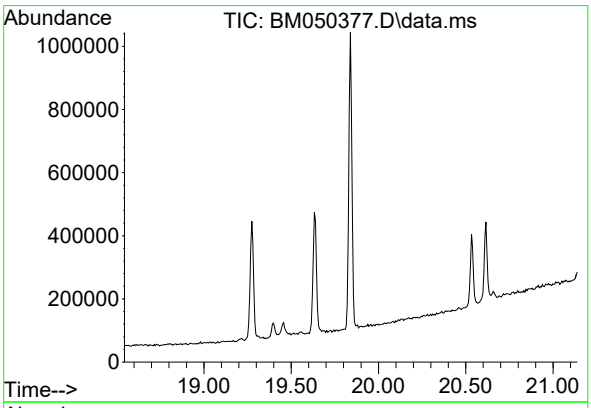
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1594000

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.7	10.1
236	25.8	20.7	31.1



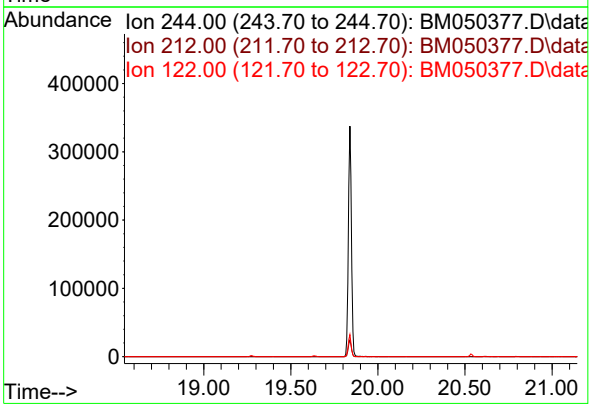


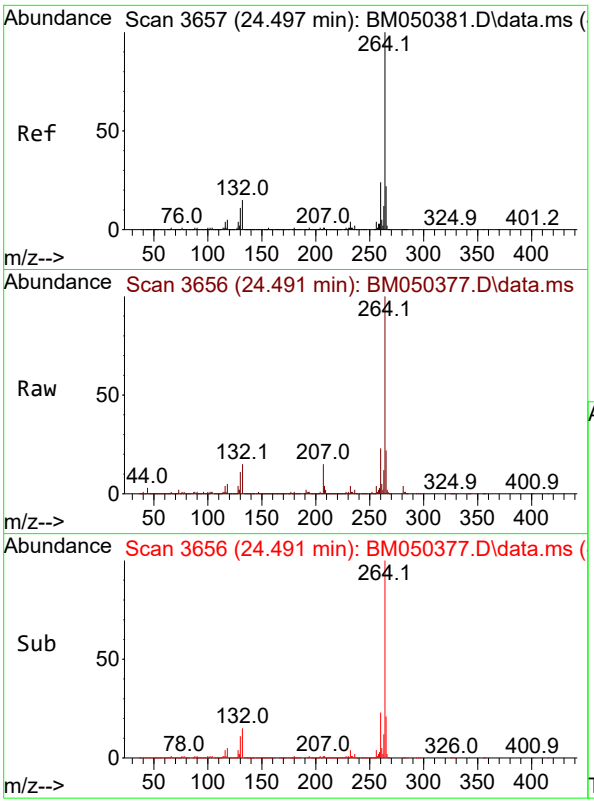
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.84 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.1
122	7.7



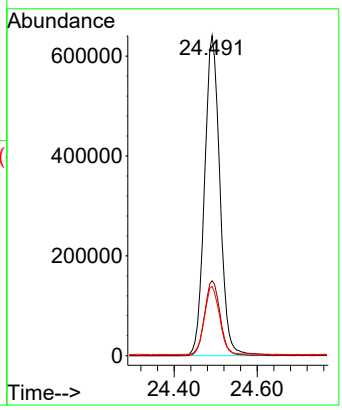


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1645810

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.8	26.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050378.D
Acq On : 08 Jul 2025 13:19
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Jul 08 18:19:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	332042	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1221582	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	768894	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1453955	20.000	ng		0.00
76) Chrysene-d12	21.450	240	1431554	20.000	ng		0.00
86) Perylene-d12	24.491	264	1410719	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	186878	9.688	ng		0.00
7) Phenol-d6	7.016	99	226950	9.333	ng		0.00
23) Nitrobenzene-d5	9.016	82	221107	9.234	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	69925	7.485	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	604282	9.705	ng		0.00
79) Terphenyl-d14	19.839	244	783562	9.630	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	41862	5.278	ng		99
3) Pyridine	3.734	79	103718	4.981	ng		94
6) Aniline	7.187	93	148080	4.745	ng		99
8) 2-Chlorophenol	7.428	128	94226	4.632	ng		98
10) Phenol	7.045	94	121196	4.778	ng		100
11) bis(2-Chloroethyl)ether	7.281	93	99772	4.912	ng		97
12) 1,3-Dichlorobenzene	7.757	146	124875	5.049	ng		99
13) 1,4-Dichlorobenzene	7.898	146	128887	5.103	ng		98
14) 1,2-Dichlorobenzene	8.216	146	122972	5.086	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.392	45	152357	5.092	ng		99
17) 2-Methylphenol	8.298	107	76571	4.655	ng		97
18) Hexachloroethane	8.951	117	42990	4.840	ng		97
19) n-Nitroso-di-n-propyla...	8.663	70	66842	4.537	ng		96
22) Acetophenone	8.681	105	150473	4.927	ng	#	98
24) Nitrobenzene	9.057	77	101661	4.758	ng		97
25) Isophorone	9.586	82	174388	4.488	ng		99
26) 2-Nitrophenol	9.769	139	32805	3.767	ng		91
27) 2,4-Dimethylphenol	9.828	122	90013	4.858	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	124150	4.822	ng		97
29) 2,4-Dichlorophenol	10.304	162	84485	4.438	ng		97
30) 1,2,4-Trichlorobenzene	10.522	180	112916	4.958	ng		98
31) Naphthalene	10.710	128	315550	5.086	ng		99
33) 4-Chloroaniline	10.810	127	121575	4.635	ng		98
34) Hexachlorobutadiene	11.010	225	67689	4.870	ng		98
36) 4-Chloro-3-methylphenol	11.927	107	78716	4.428	ng		99
37) 2-Methylnaphthalene	12.322	142	186482	4.760	ng		98
38) 1-Methylnaphthalene	12.539	142	198866	4.796	ng		99
40) 1,2,4,5-Tetrachloroben...	12.686	216	113496	4.642	ng		99
43) 2,4,6-Trichlorophenol	12.922	196	63524	4.221	ng		100
44) 2,4,5-Trichlorophenol	12.992	196	68958	4.195	ng		98
46) 1,1'-Biphenyl	13.327	154	281496	4.934	ng		99
47) 2-Chloronaphthalene	13.369	162	223672	4.918	ng		99
48) 2-Nitroaniline	13.563	65	37953	3.738	ng		97
49) Acenaphthylene	14.216	152	316292	4.601	ng		98
50) Dimethylphthalate	13.945	163	254362	4.805	ng		99
51) 2,6-Dinitrotoluene	14.057	165	37711	3.710	ng		88

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050378.D
Acq On : 08 Jul 2025 13:19
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Jul 08 18:19:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.557	154	208840	4.779	ng		97
53) 3-Nitroaniline	14.380	138	39220	3.628	ng	#	85
55) Dibenzofuran	14.886	168	335867	4.988	ng		99
57) 2,4-Dinitrotoluene	14.839	165	44983	5.513	ng	#	87
58) Fluorene	15.533	166	259083	4.671	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	57532	4.158	ng		95
60) Diethylphthalate	15.310	149	233863	4.625	ng		98
61) 4-Chlorophenyl-phenyle...	15.533	204	132153	4.557	ng		94
62) 4-Nitroaniline	15.533	138	36922	5.398	ng		80
63) Azobenzene	15.821	77	208493	4.490	ng		96
66) n-Nitrosodiphenylamine	15.739	169	207747	4.566	ng		98
67) 4-Bromophenyl-phenylether	16.421	248	71279	4.450	ng		92
68) Hexachlorobenzene	16.539	284	86781	4.587	ng		99
69) Atrazine	16.686	200	60444	4.046	ng		97
71) Phenanthrene	17.268	178	406647	4.943	ng		99
72) Anthracene	17.357	178	373674	4.563	ng		99
73) Carbazole	17.621	167	341196	4.605	ng		99
74) Di-n-butylphthalate	18.198	149	346654	4.274	ng		99
75) Fluoranthene	19.274	202	395390	4.421	ng		98
78) Pyrene	19.633	202	428758	4.676	ng		100
80) Butylbenzylphthalate	20.533	149	113580	3.757	ng		94
81) Benzo(a)anthracene	21.433	228	430980	4.620	ng		100
83) Chrysene	21.497	228	415885	4.727	ng		98
84) Bis(2-ethylhexyl)phtha...	21.368	149	178701	3.724	ng		98
87) Indeno(1,2,3-cd)pyrene	27.921	276	426152	4.249	ng		95
88) Benzo(b)fluoranthene	23.527	252	384470	4.431	ng		98
89) Benzo(k)fluoranthene	23.591	252	389878	4.330	ng	#	97
90) Benzo(a)pyrene	24.344	252	339308	4.177	ng		97
91) Dibenzo(a,h)anthracene	27.991	278	360576	4.269	ng		98
92) Benzo(g,h,i)perylene	28.985	276	349804	4.382	ng		97

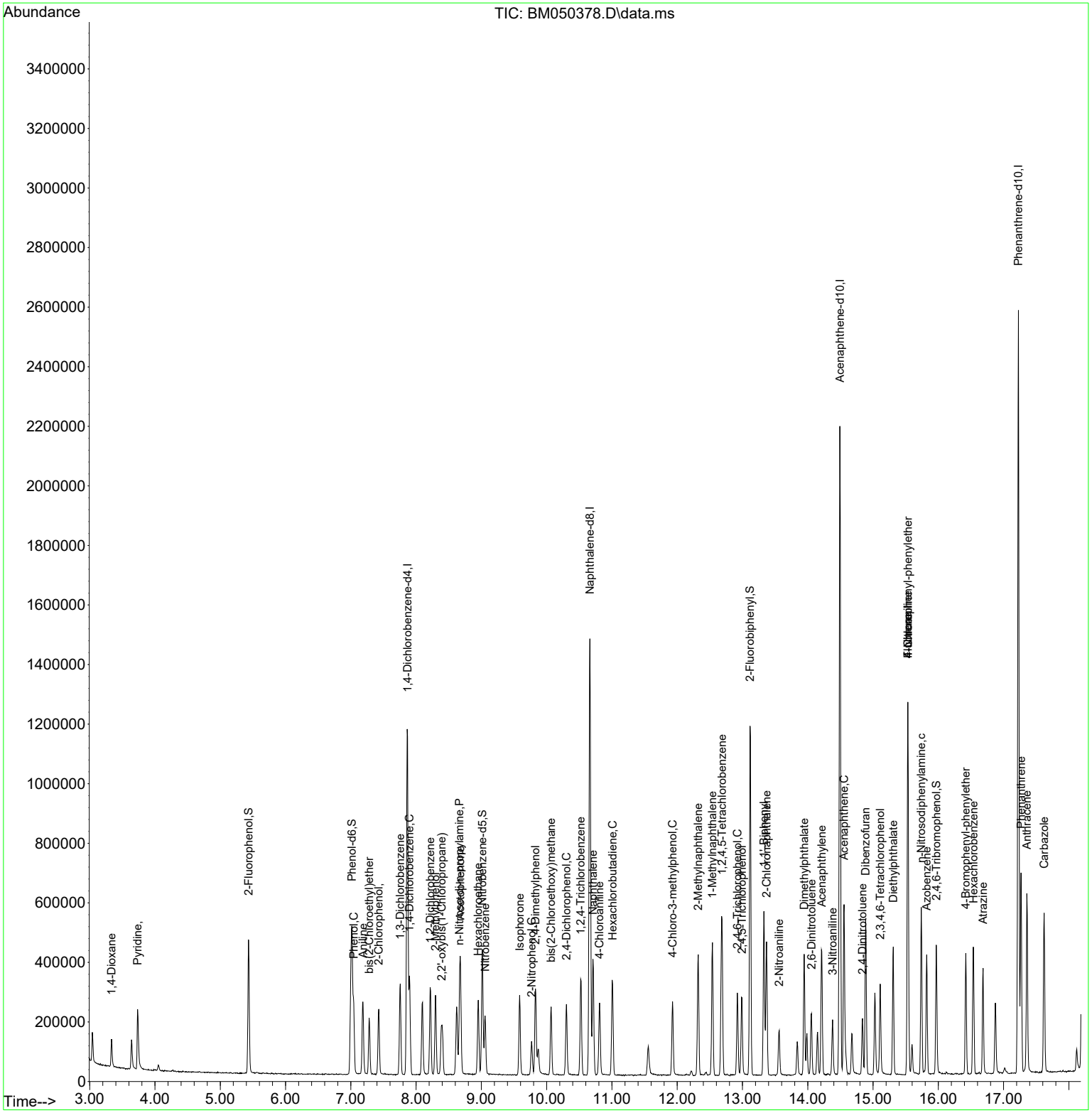
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050378.D
Acq On : 08 Jul 2025 13:19
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Jul 08 18:19:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

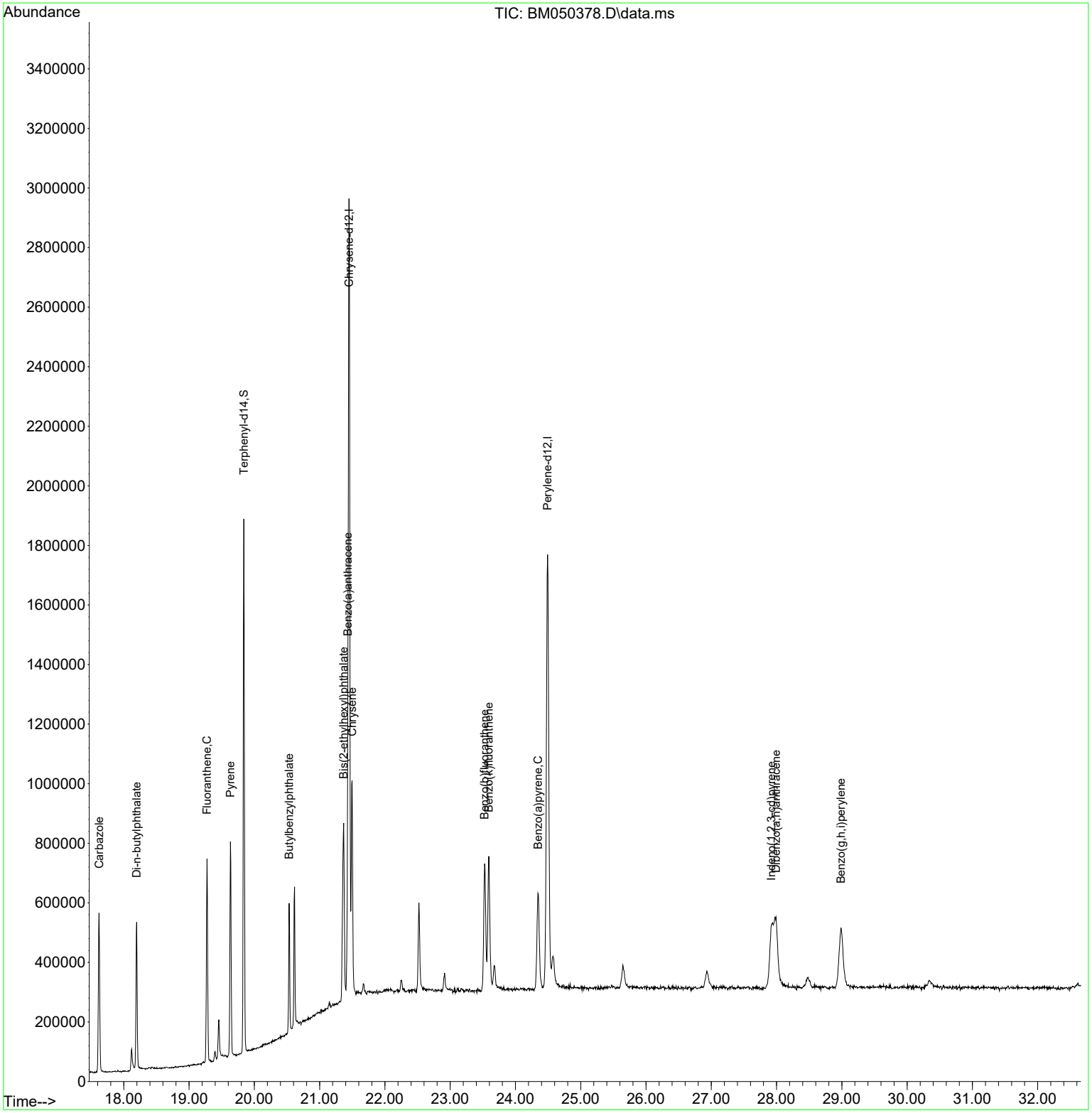


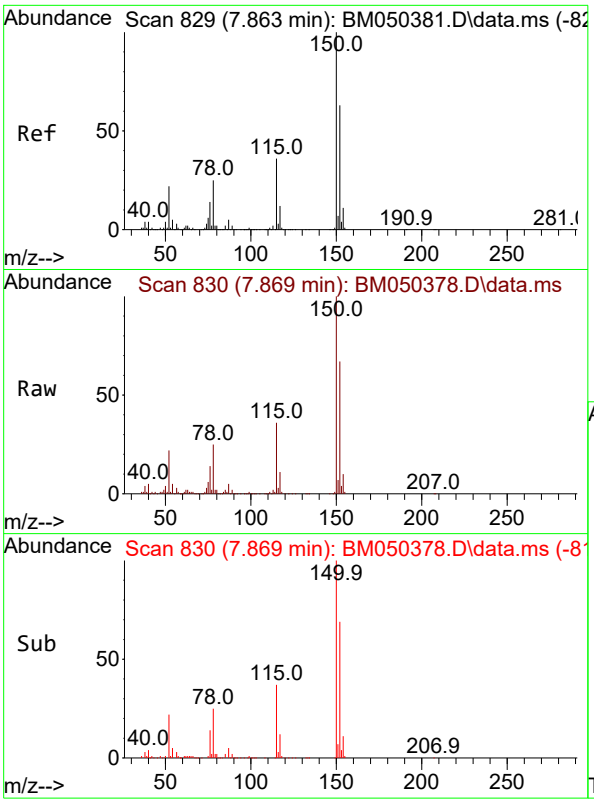
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050378.D
Acq On : 08 Jul 2025 13:19
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Jul 08 18:19:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



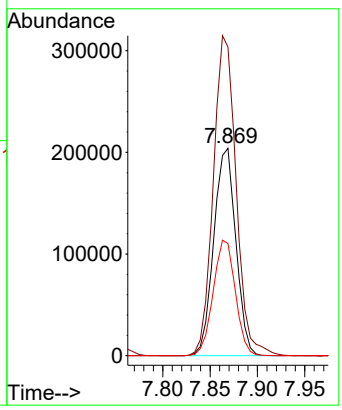


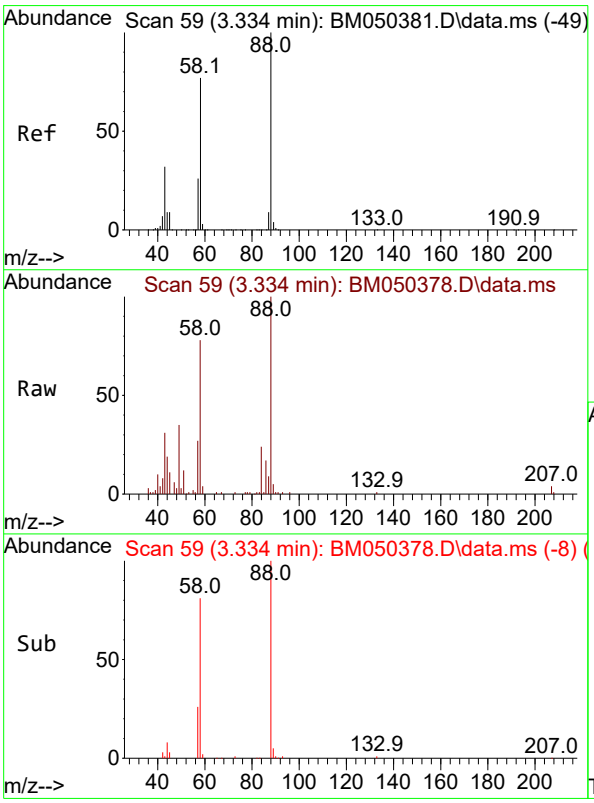
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 332042

Ion	Ratio	Lower	Upper
152	100		
150	148.8	126.2	189.4
115	54.1	45.8	68.8

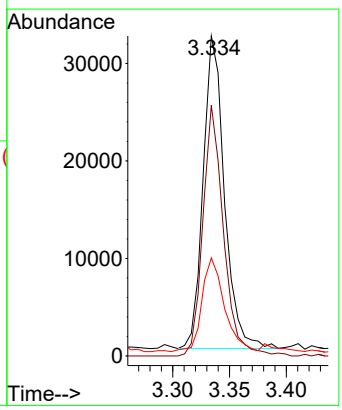


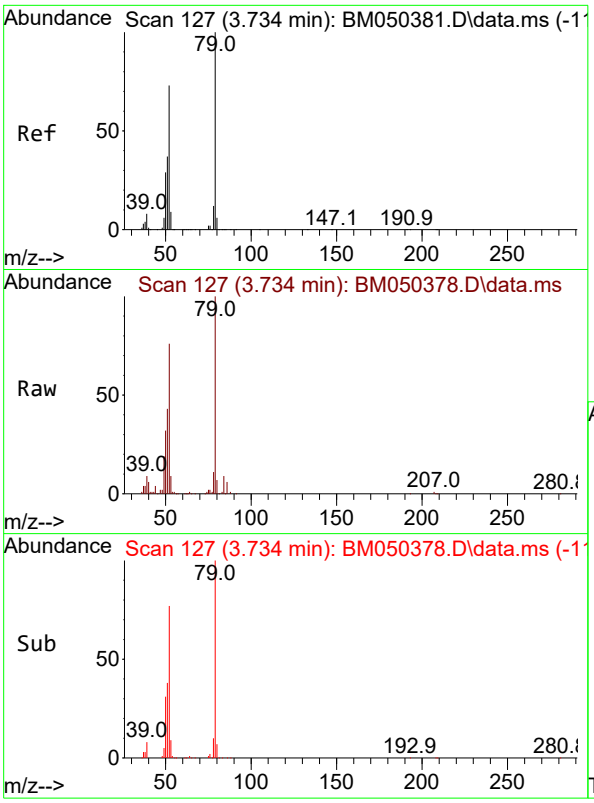


#2
1,4-Dioxane
Concen: 5.278 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 88 Resp: 41862

Ion	Ratio	Lower	Upper
88	100		
58	77.6	61.0	91.6
43	31.5	24.6	37.0



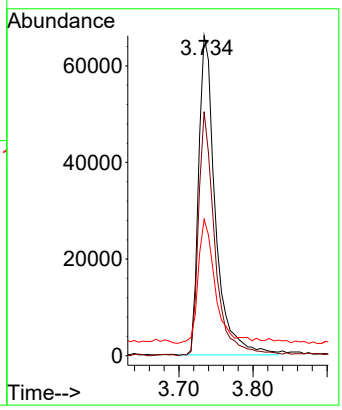


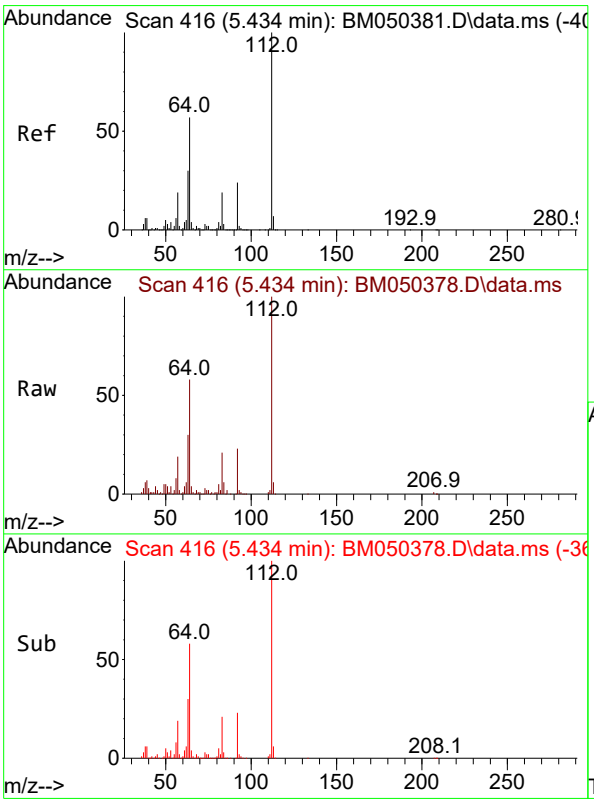
#3
Pyridine
Concen: 4.981 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 103718

Ion	Ratio	Lower	Upper
79	100		
52	76.3	58.3	87.5
51	42.6	29.6	44.4

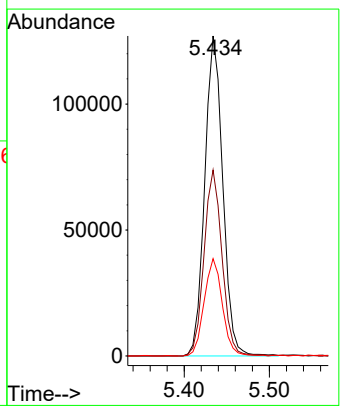


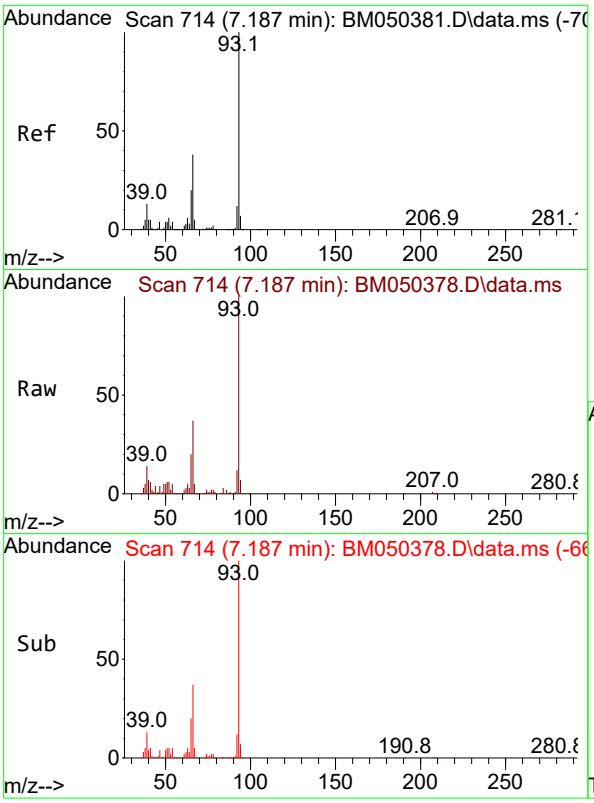


#5
2-Fluorophenol
Concen: 9.688 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:112 Resp: 186878

Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.5	68.3
63	30.4	24.2	36.4



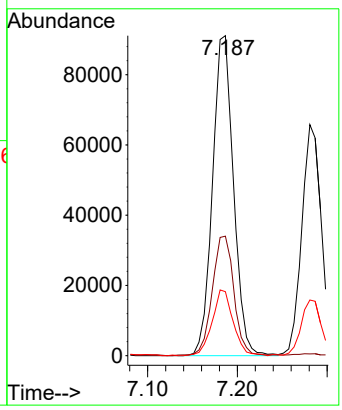


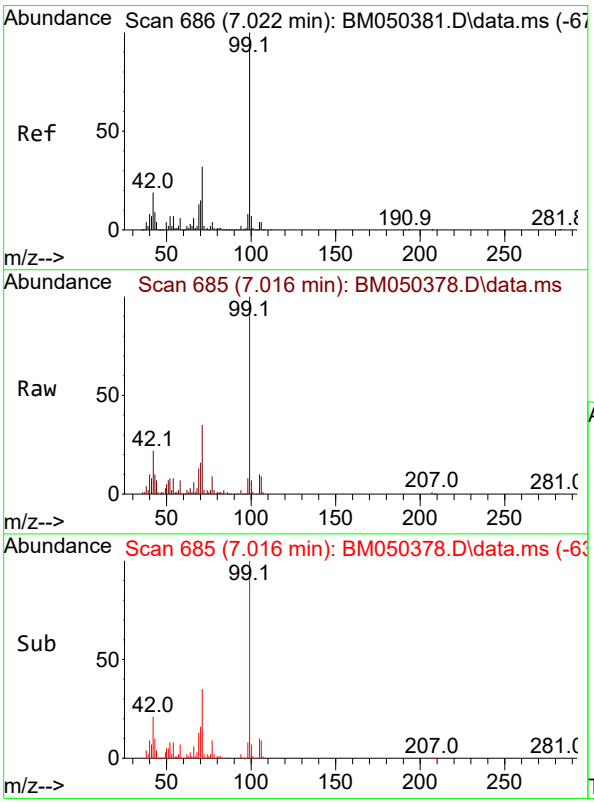
#6
Aniline
Concen: 4.745 ng
RT: 7.187 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 148080

Ion	Ratio	Lower	Upper
93	100		
66	37.4	30.5	45.7
65	20.0	15.9	23.9

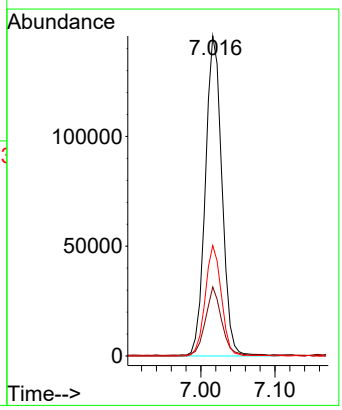


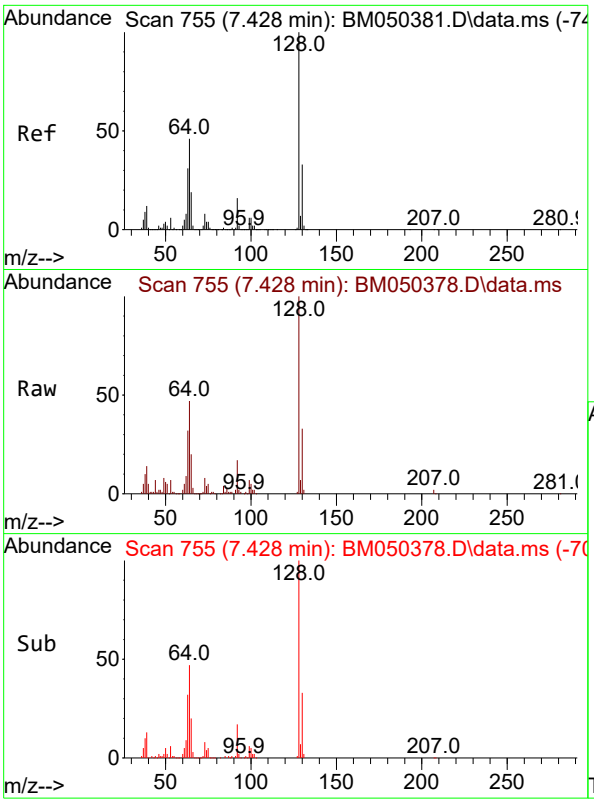


#7
Phenol-d6
Concen: 9.333 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 99 Resp: 226950

Ion	Ratio	Lower	Upper
99	100		
42	21.6	15.0	22.6
71	34.5	25.9	38.9



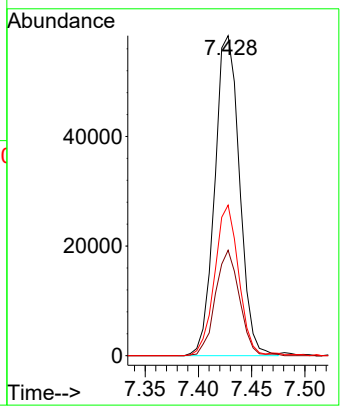


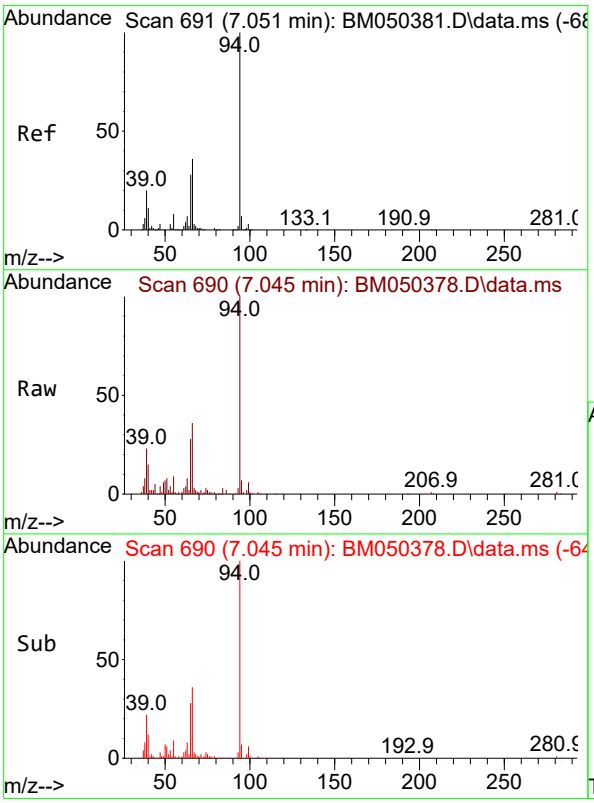
#8
2-Chlorophenol
Concen: 4.632 ng
RT: 7.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 94226

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.3	53.3
64	47.1	25.6	65.6

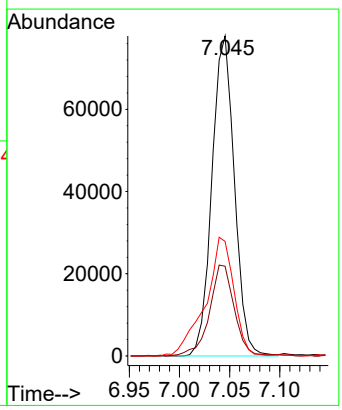


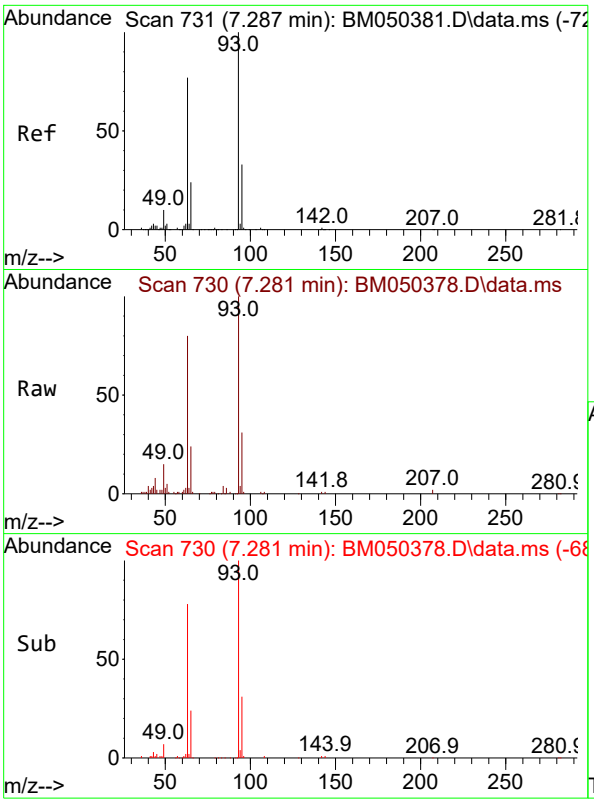


#10
Phenol
Concen: 4.778 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 94 Resp: 121196

Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.1	48.1
66	35.8	15.8	55.8



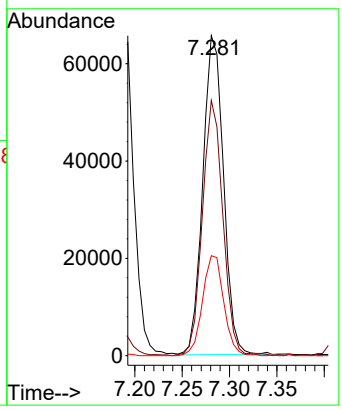


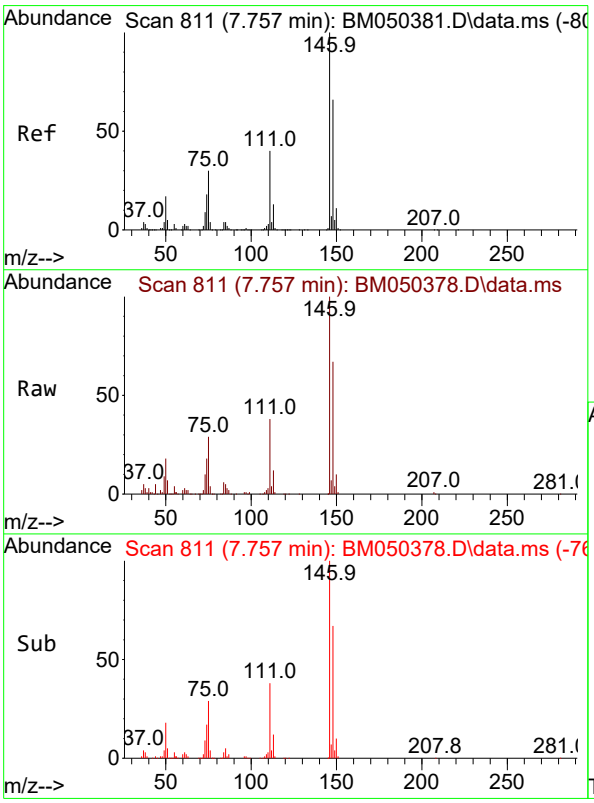
#11
bis(2-Chloroethyl)ether
Concen: 4.912 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 99772

Ion	Ratio	Lower	Upper
93	100		
63	79.7	56.9	96.9
95	31.2	12.6	52.6

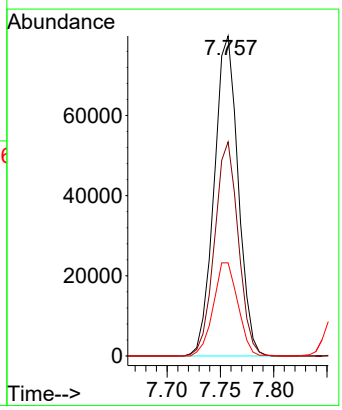


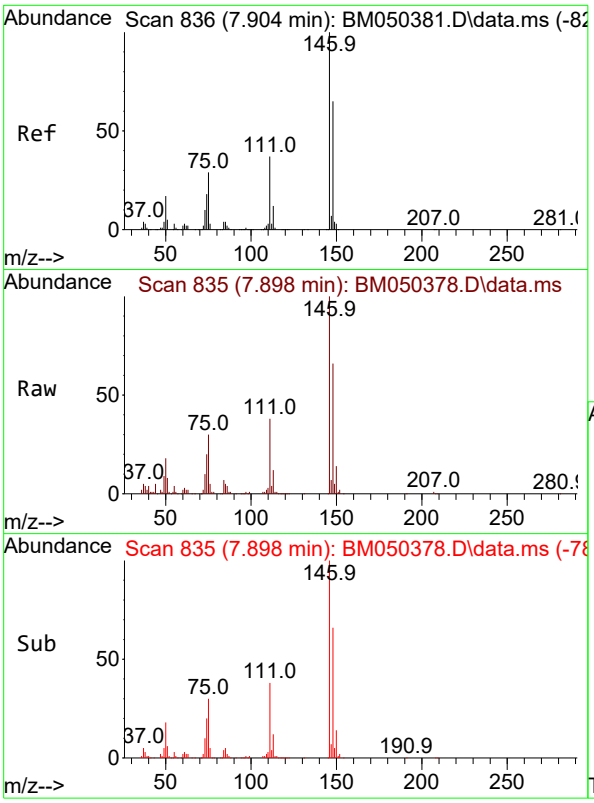


#12
1,3-Dichlorobenzene
Concen: 5.049 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:146 Resp: 124875

Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.2	79.8
75	29.1	23.9	35.9



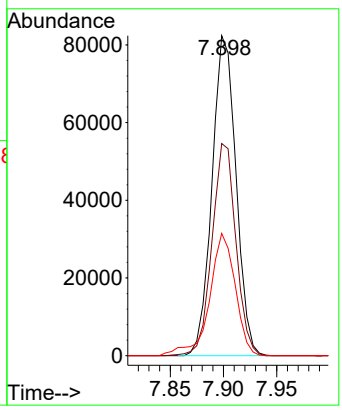


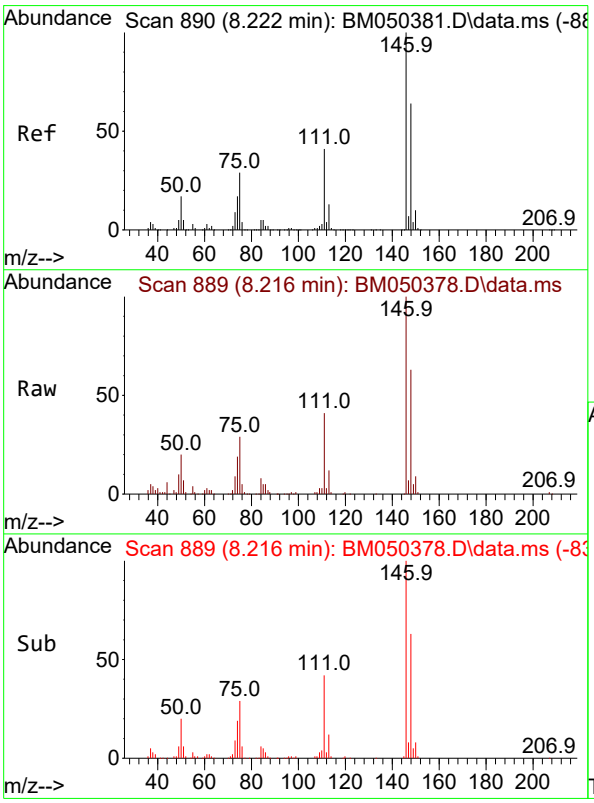
#13
1,4-Dichlorobenzene
Concen: 5.103 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 128887

Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.9	77.9
111	38.2	30.0	45.0

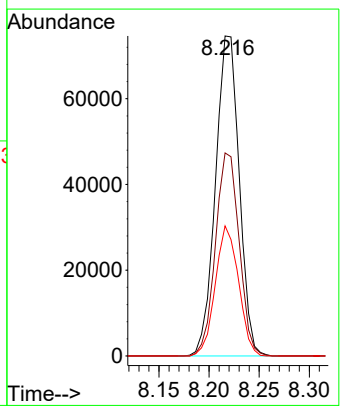


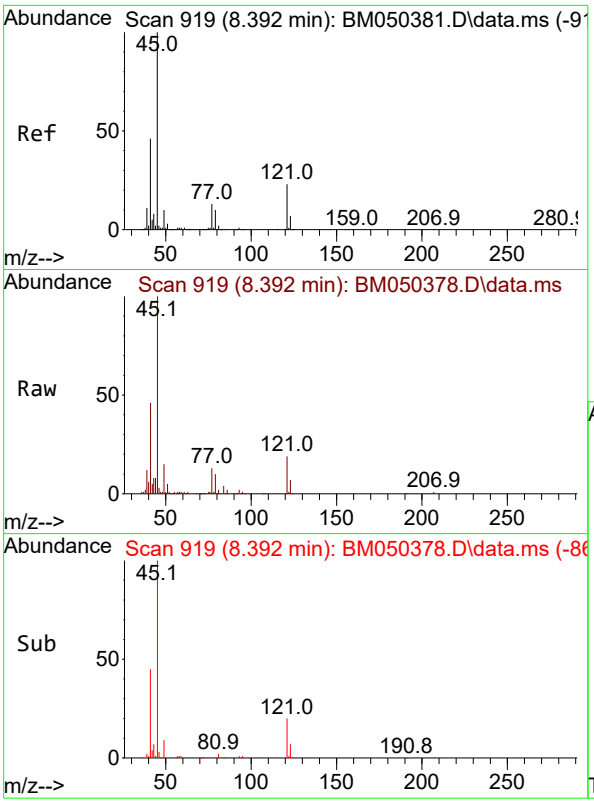


#14
1,2-Dichlorobenzene
Concen: 5.086 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:146 Resp: 122972

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.5	77.3
111	40.7	32.6	49.0



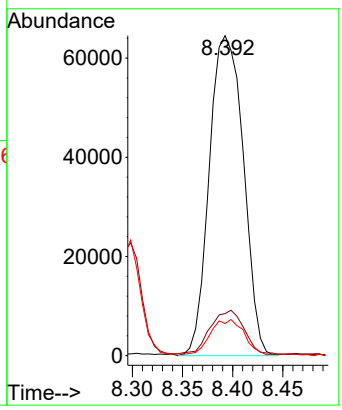


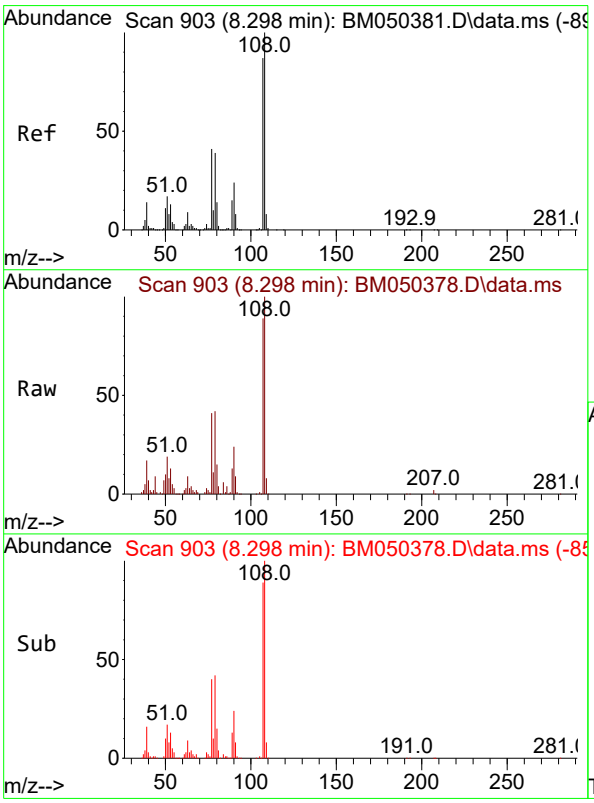
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.092 ng
RT: 8.392 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 152357

Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.5
79	10.1	0.0	30.3

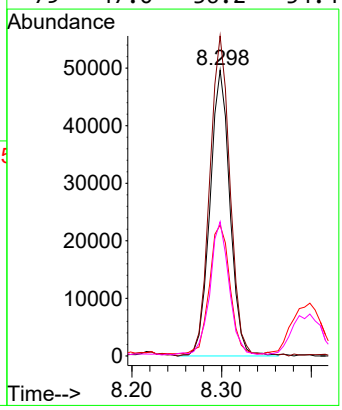


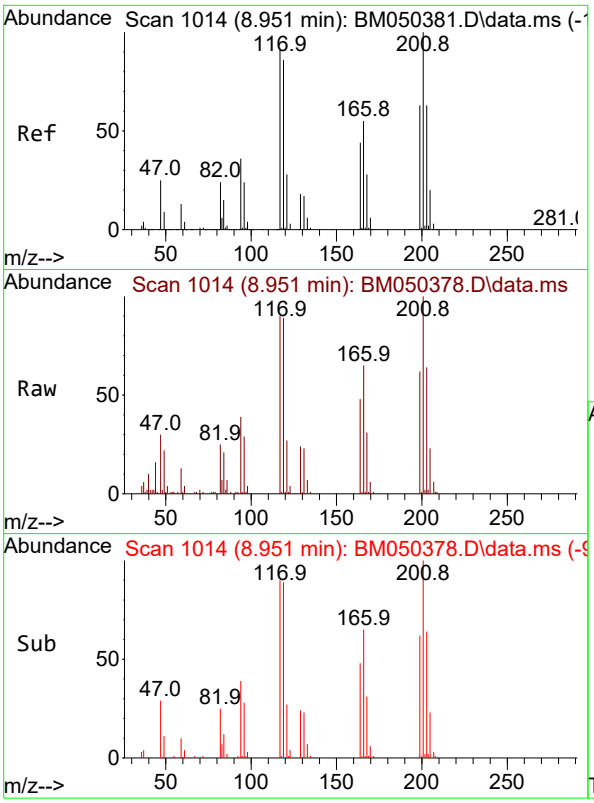


#17
2-Methylphenol
Concen: 4.655 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:107 Resp: 76571

Ion	Ratio	Lower	Upper
107	100		
108	112.0	92.1	138.1
77	45.8	38.2	57.4
79	47.0	36.2	54.4



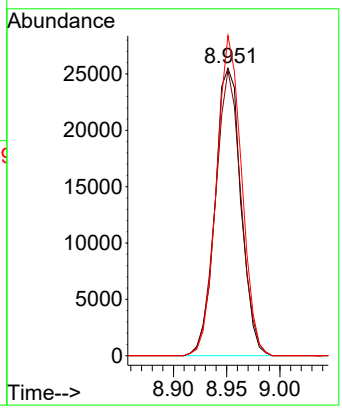


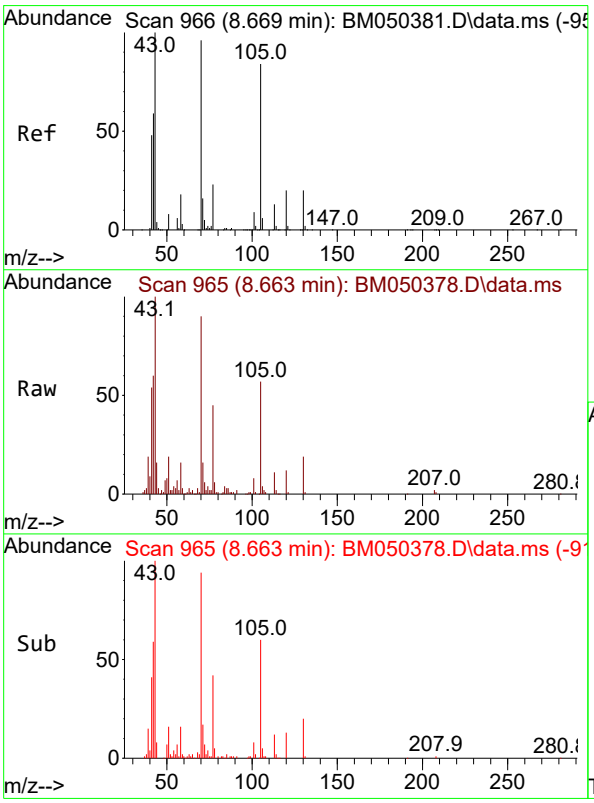
#18
Hexachloroethane
Concen: 4.840 ng
RT: 8.951 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 42990

Ion	Ratio	Lower	Upper
117	100		
119	99.2	75.6	113.4
201	111.4	87.9	131.9

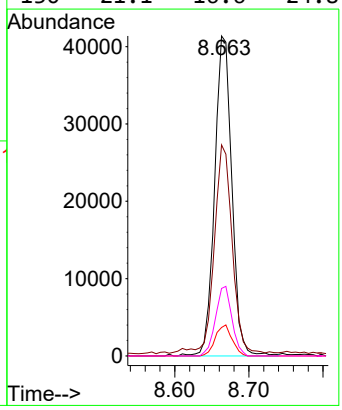


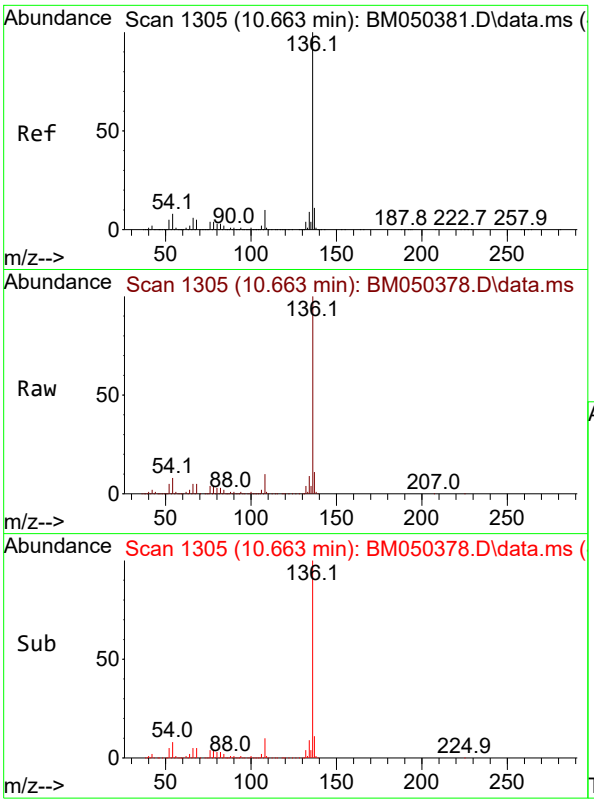


#19
n-Nitroso-di-n-propylamine
Concen: 4.537 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 70 Resp: 66842

Ion	Ratio	Lower	Upper
70	100		
42	66.0	49.7	74.5
101	8.9	7.7	11.5
130	21.1	16.6	24.8



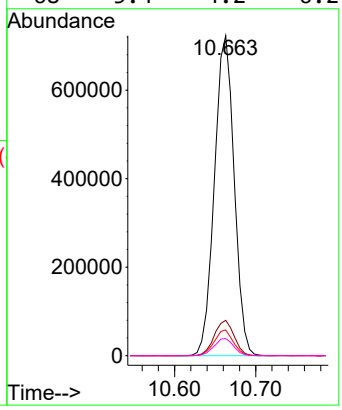


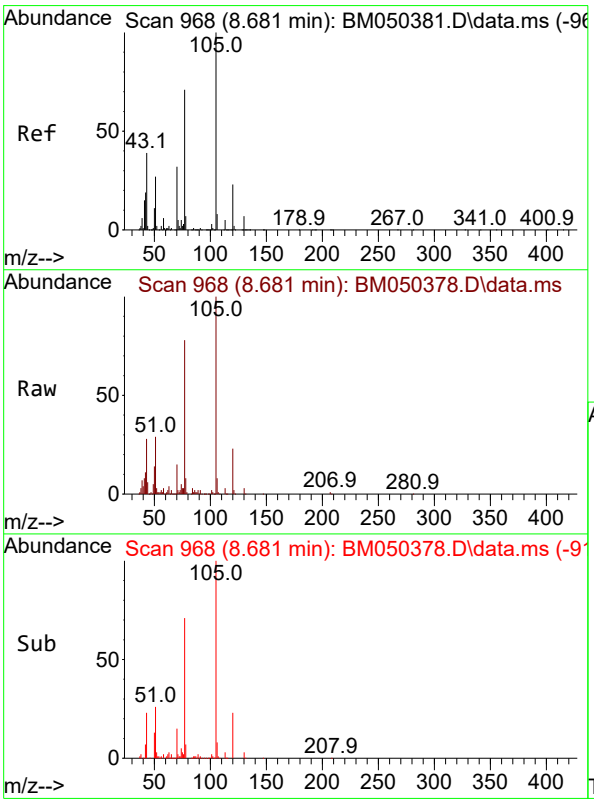
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 1221582

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	6.3	9.5
68	5.4	4.2	6.2

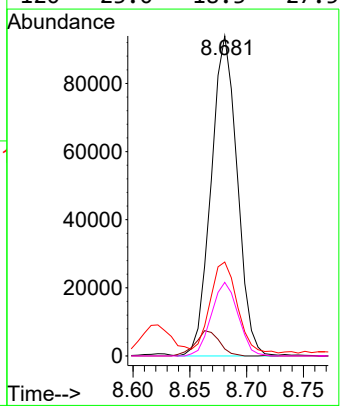


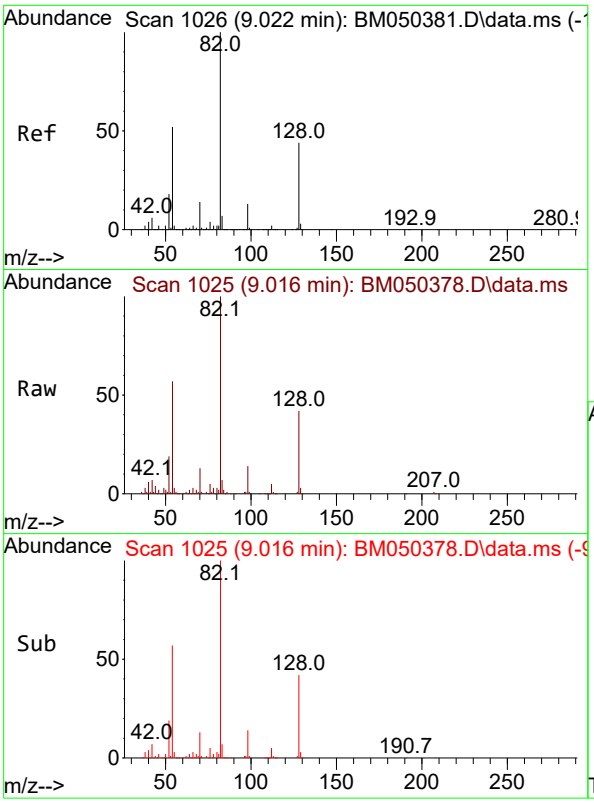


#22
Acetophenone
Concen: 4.927 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:105 Resp: 150473

Ion	Ratio	Lower	Upper
105	100		
71	2.2	4.4	6.6#
51	29.3	23.0	34.6
120	23.0	18.3	27.5



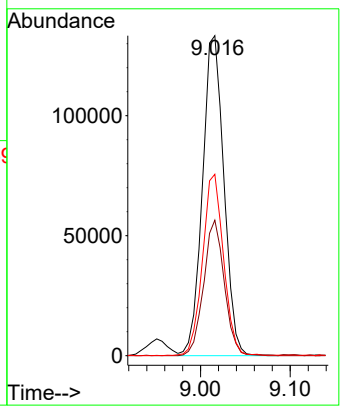


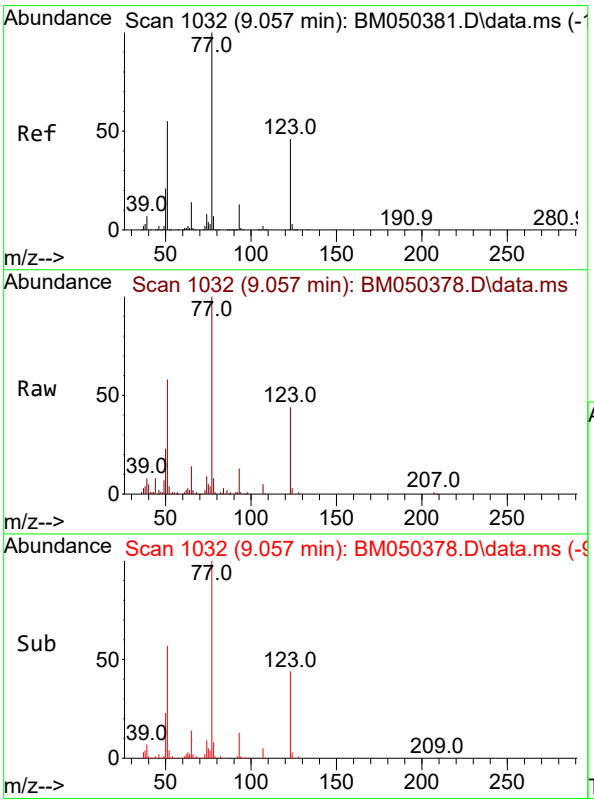
#23
Nitrobenzene-d5
Concen: 9.234 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 221107

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.2	52.8
54	56.7	41.5	62.3

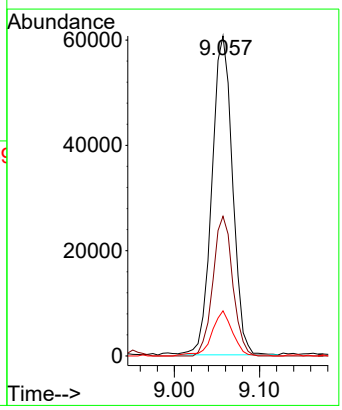


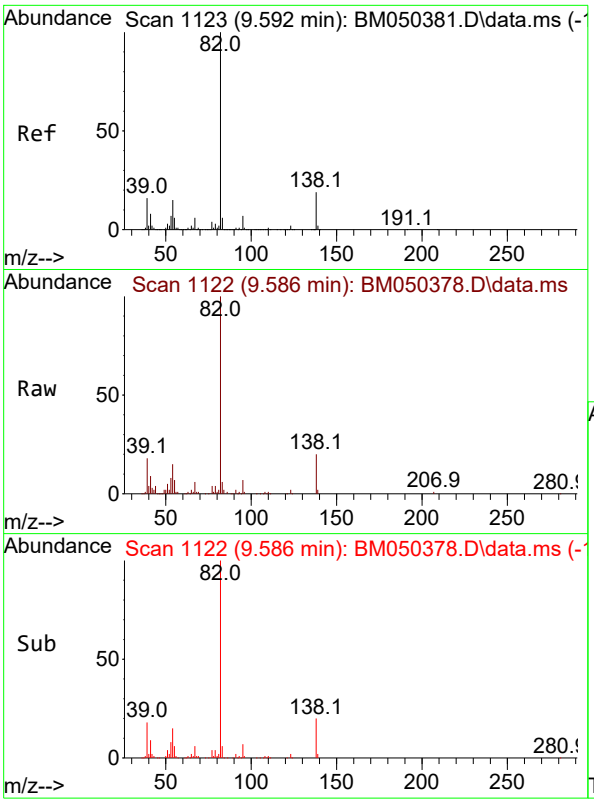


#24
Nitrobenzene
Concen: 4.758 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 77 Resp: 101661

Ion	Ratio	Lower	Upper
77	100		
123	43.7	37.0	55.6
65	14.1	11.0	16.4



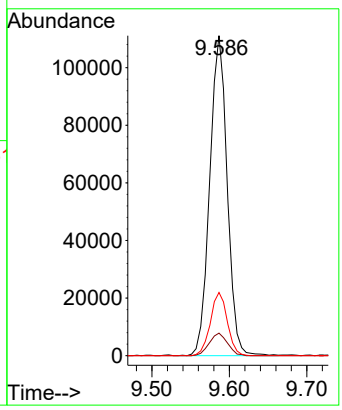


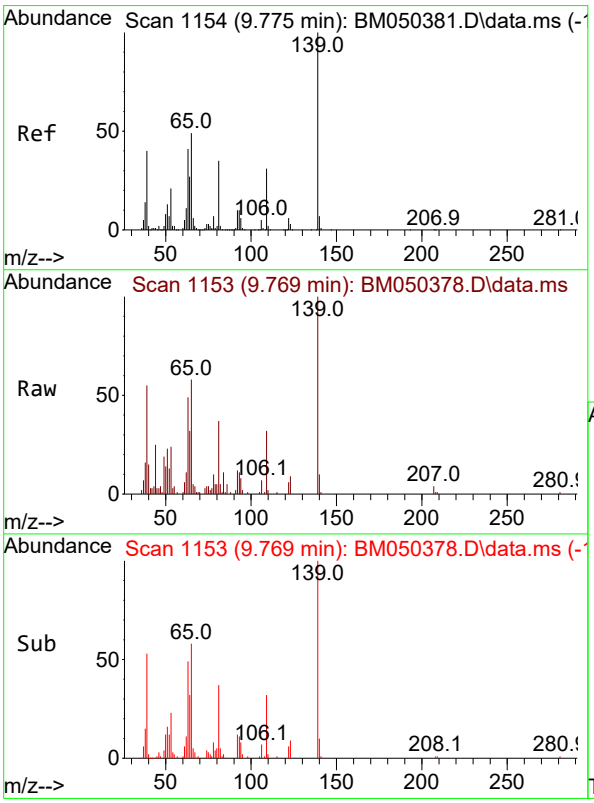
#25
Isophorone
Concen: 4.488 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 174388

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.7	15.3	22.9

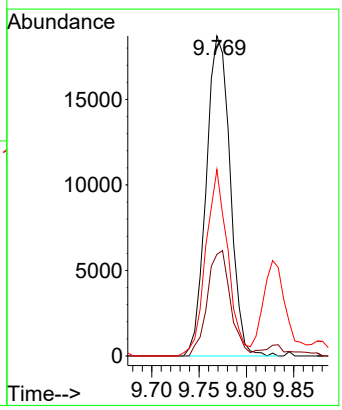


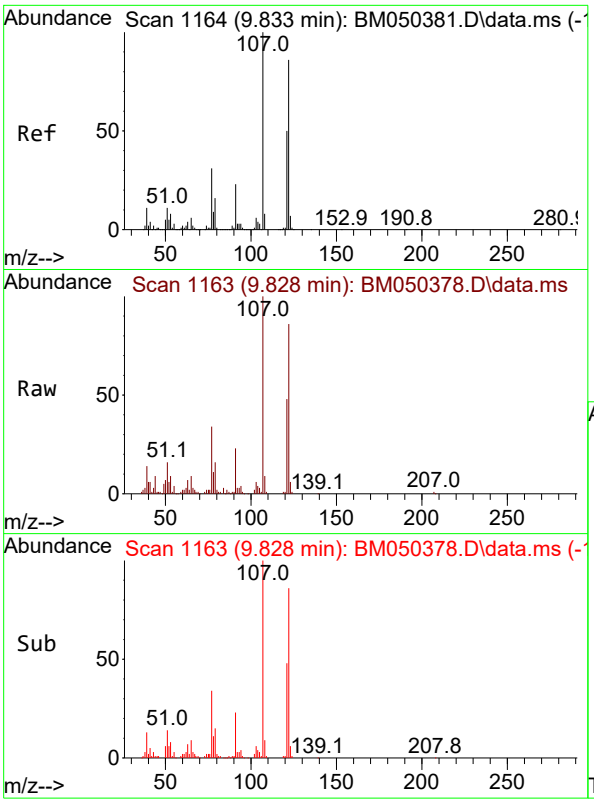


#26
2-Nitrophenol
Concen: 3.767 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:139 Resp: 32805

Ion	Ratio	Lower	Upper
139	100		
109	31.8	24.6	36.8
65	58.3	39.2	58.8



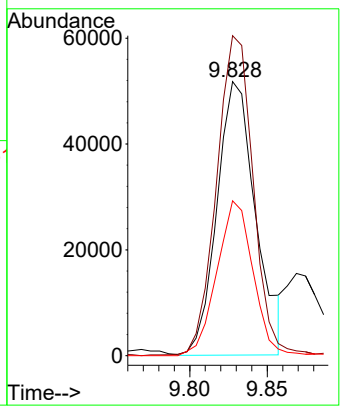


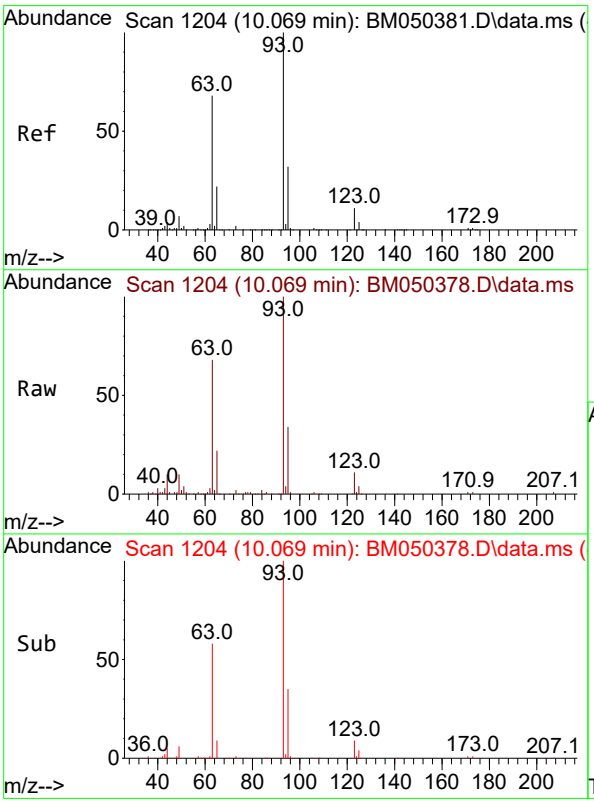
#27
2,4-Dimethylphenol
Concen: 4.858 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 90013

Ion	Ratio	Lower	Upper
122	100		
107	116.8	93.0	139.6
121	56.5	46.1	69.1

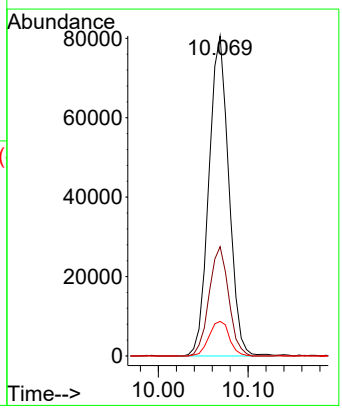


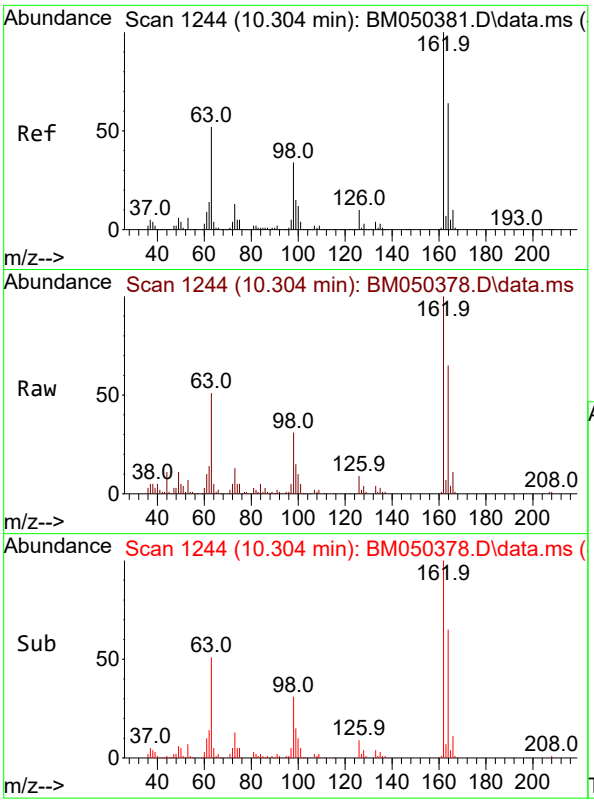


#28
bis(2-Chloroethoxy)methane
Concen: 4.822 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 93 Resp: 124150

Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.8	38.6
123	10.8	9.1	13.7



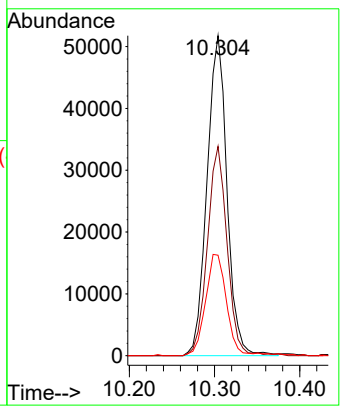


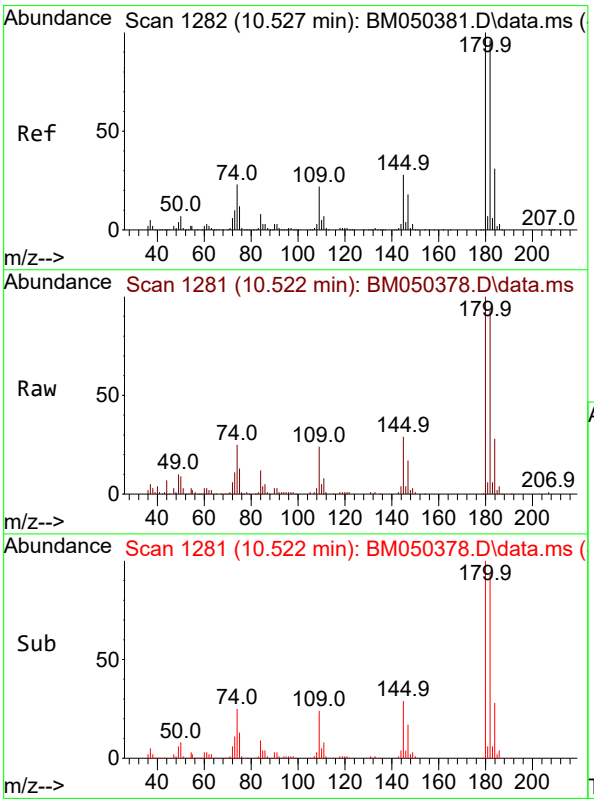
#29
2,4-Dichlorophenol
Concen: 4.438 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 84485

Ion	Ratio	Lower	Upper
162	100		
164	65.4	43.7	83.7
98	31.4	13.7	53.7

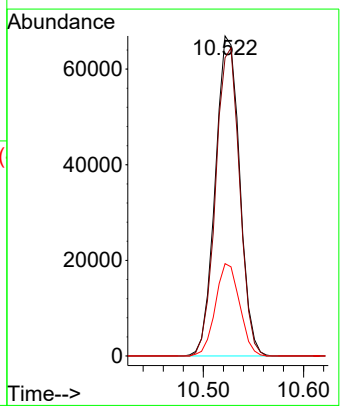


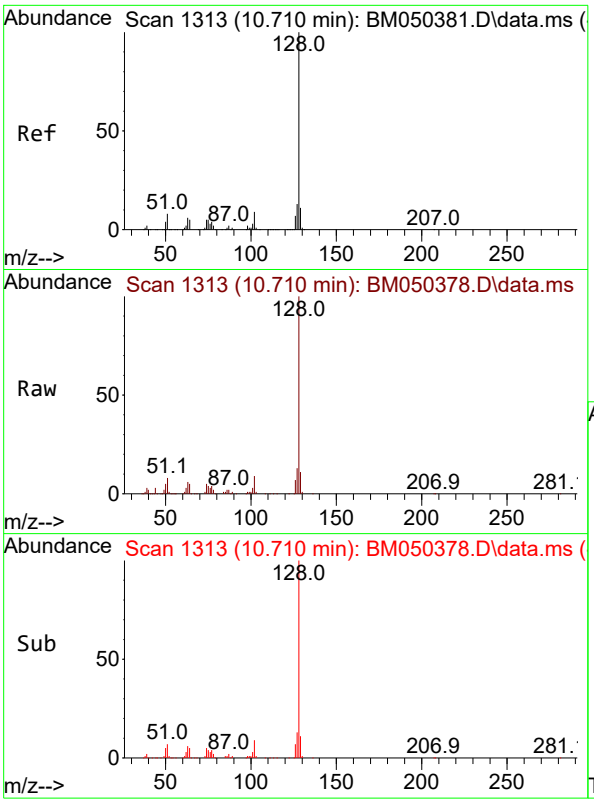


#30
1,2,4-Trichlorobenzene
Concen: 4.958 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:180 Resp: 112916

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.8	115.2
145	28.8	22.6	33.8



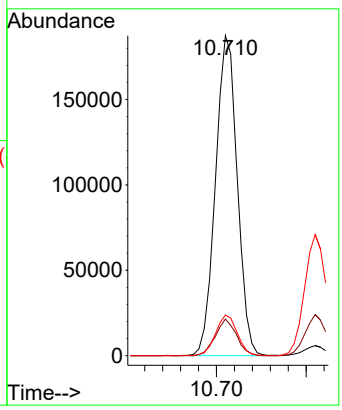


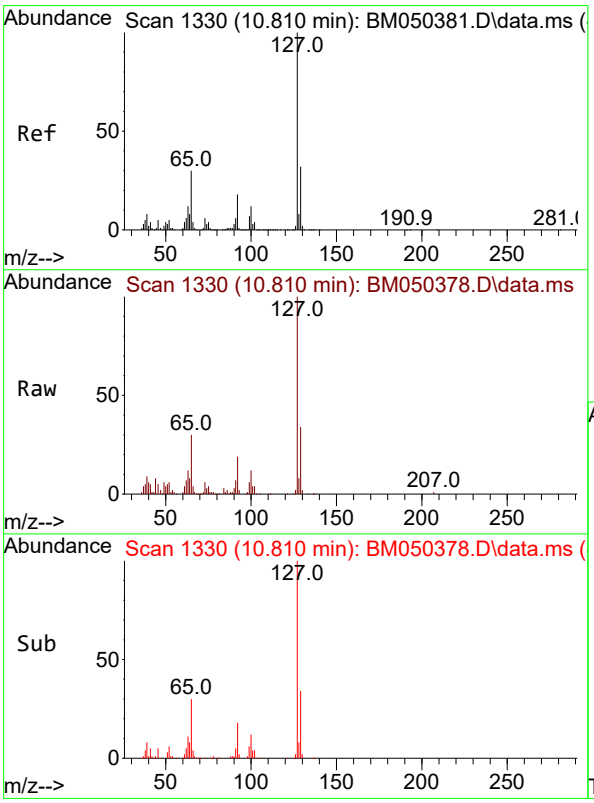
#31
Naphthalene
Concen: 5.086 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 315550

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	12.7	10.4	15.6

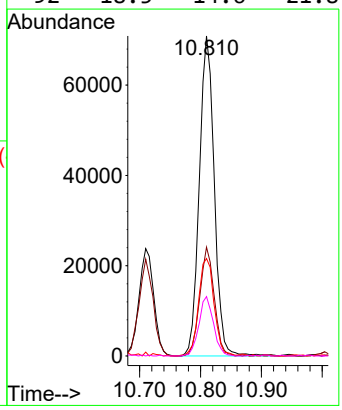


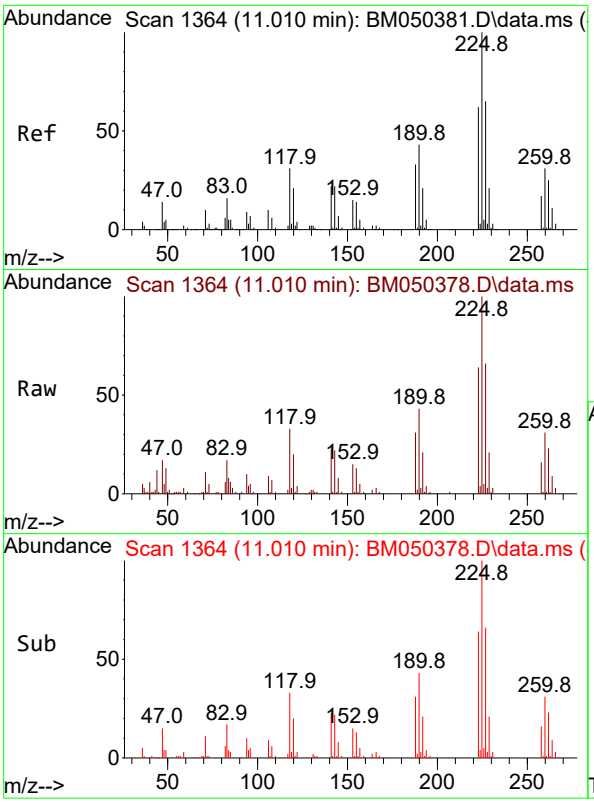


#33
4-Chloroaniline
Concen: 4.635 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:127 Resp: 121575

Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.5	38.3
65	30.4	23.9	35.9
92	18.5	14.6	21.8



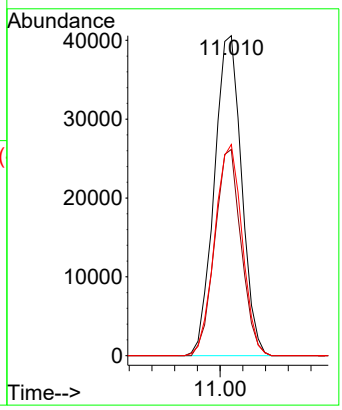


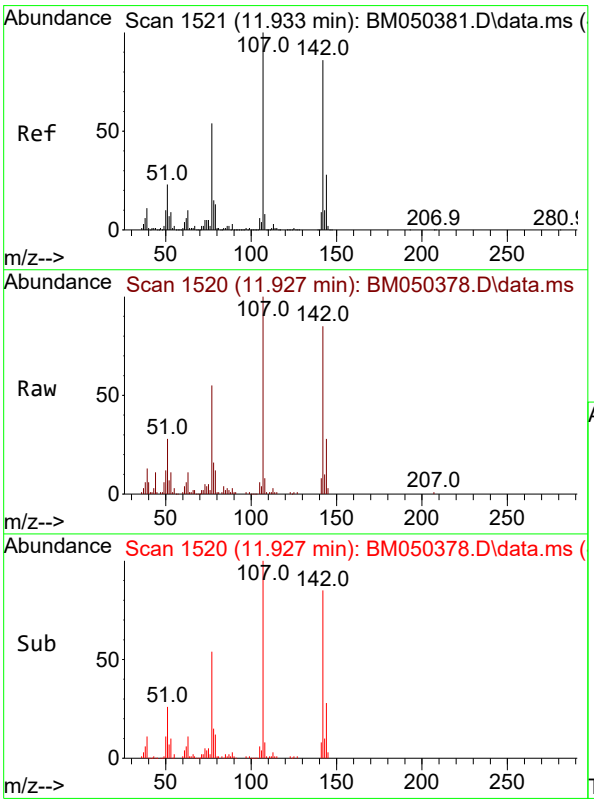
#34
Hexachlorobutadiene
Concen: 4.870 ng
RT: 11.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 67689

Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.7	74.5
227	66.0	52.1	78.1

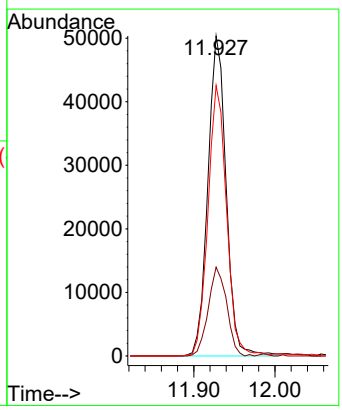


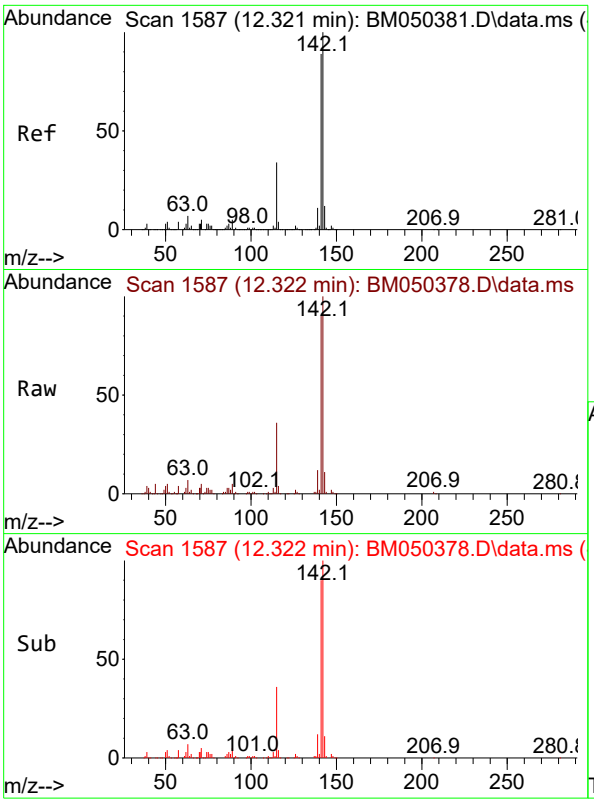


#36
4-Chloro-3-methylphenol
Concen: 4.428 ng
RT: 11.927 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:107 Resp: 78716

Ion	Ratio	Lower	Upper
107	100		
144	27.7	22.2	33.4
142	84.5	68.7	103.1



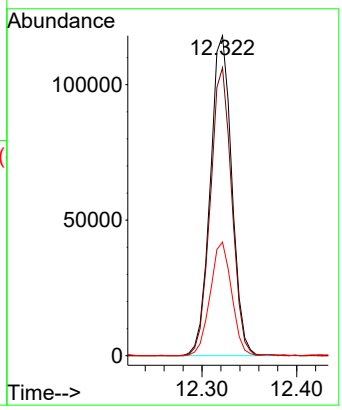


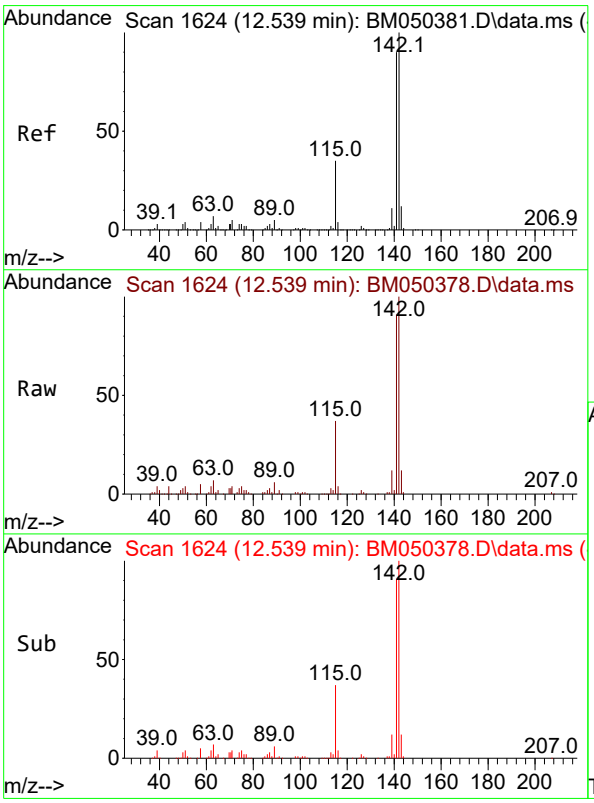
#37
2-Methylnaphthalene
Concen: 4.760 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 186482

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	35.5	27.0	40.4

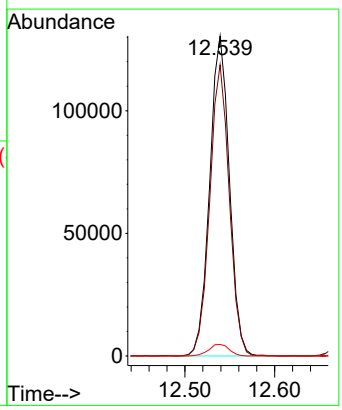


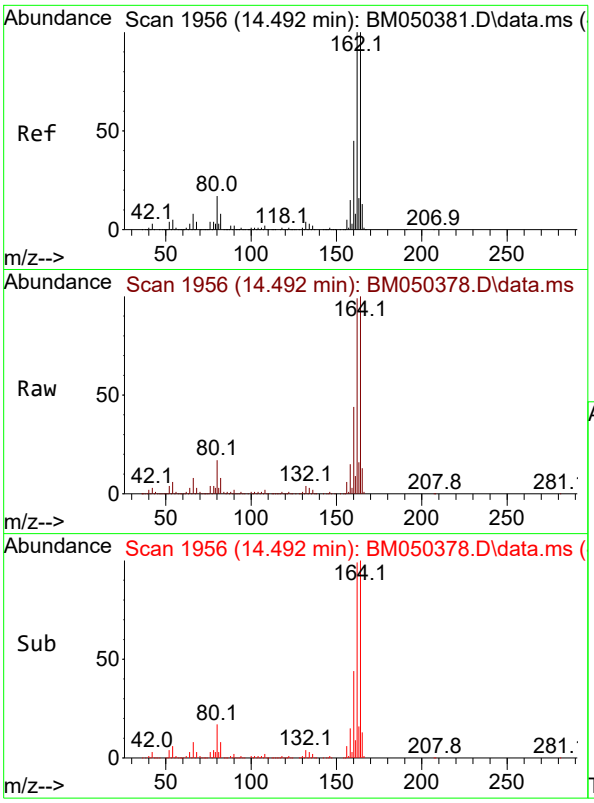


#38
1-Methylnaphthalene
Concen: 4.796 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:142 Resp: 198866

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9
116	3.6	3.0	4.6



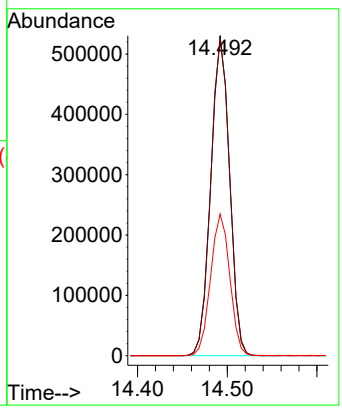


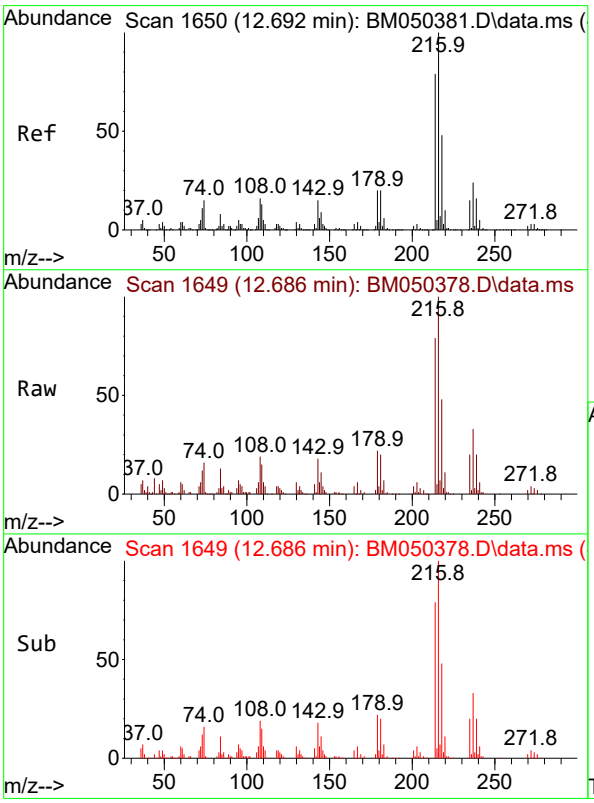
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 768894

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.9	119.9
160	44.3	36.2	54.4

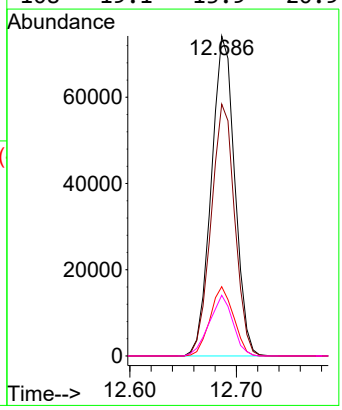


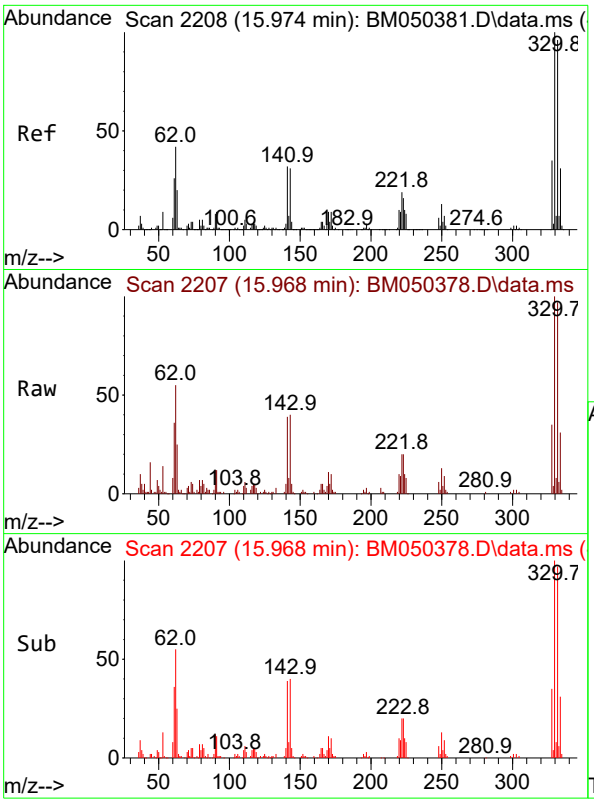


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.642 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:216 Resp: 113496

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.3	94.9
179	21.7	16.4	24.6
108	19.1	13.9	20.9



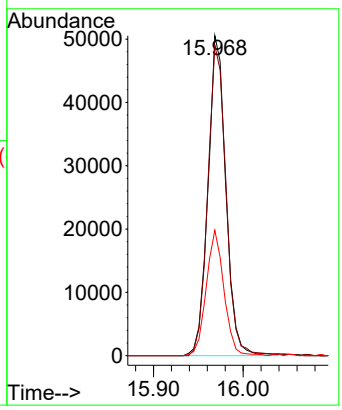


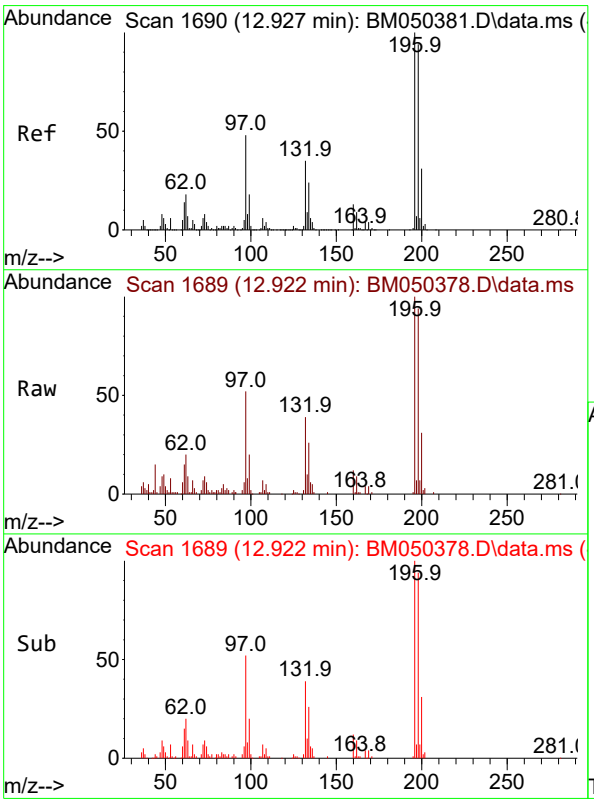
#42
2,4,6-Tribromophenol
Concen: 7.485 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 69925

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.9	115.3
141	38.9	27.4	41.0

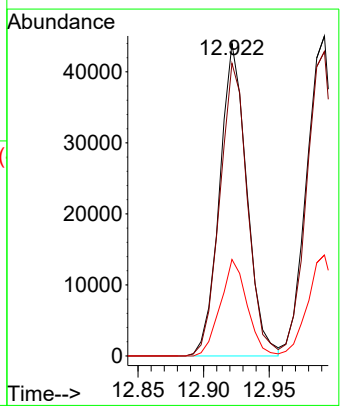


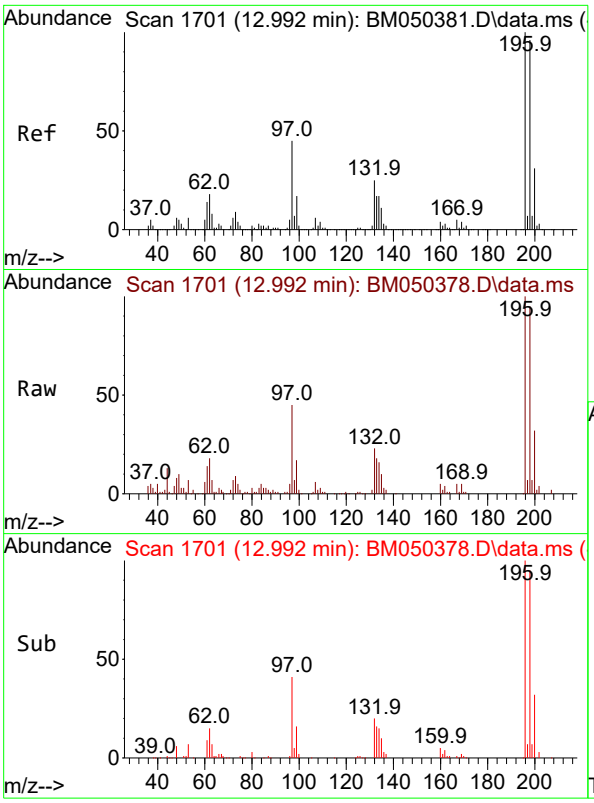


#43
2,4,6-Trichlorophenol
Concen: 4.221 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:196 Resp: 63524

Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.1	112.7
200	30.8	24.6	37.0



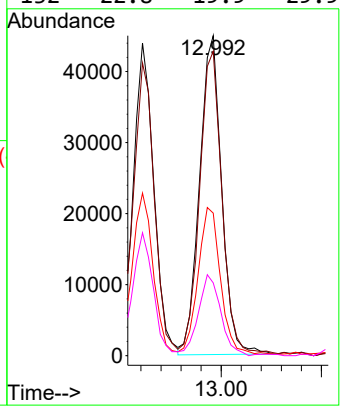


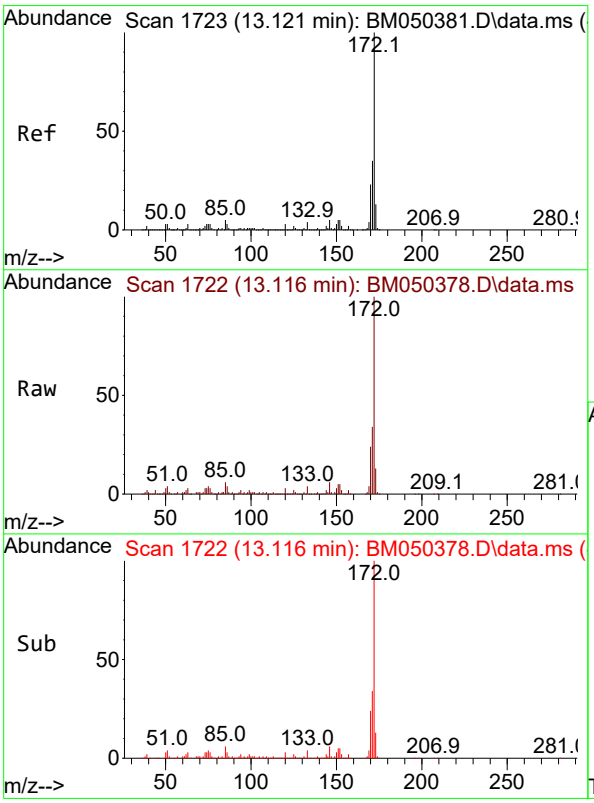
#44
2,4,5-Trichlorophenol
Concen: 4.195 ng
RT: 12.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 68958

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.2	115.8
97	44.6	36.2	54.4
132	22.8	19.9	29.9

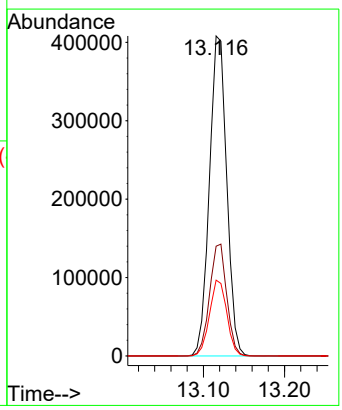


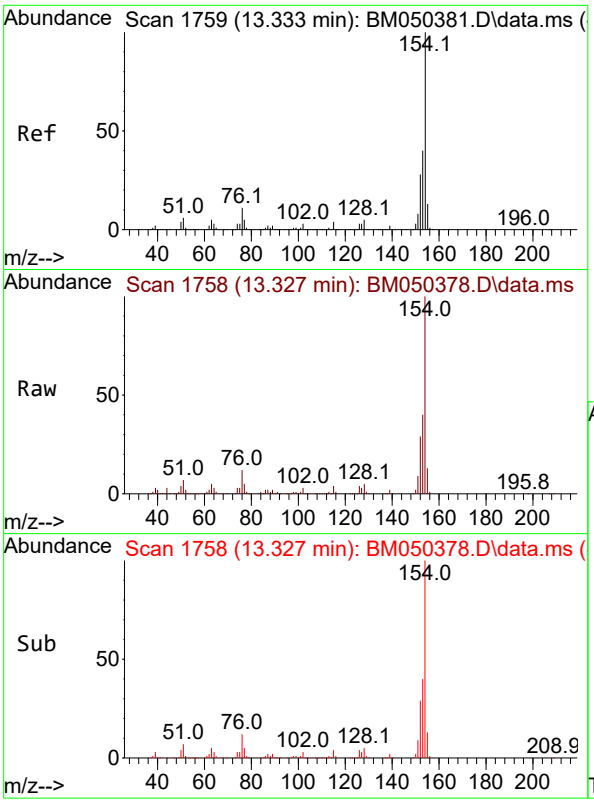


#45
2-Fluorobiphenyl
Concen: 9.705 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:172 Resp: 604282

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.7	41.5
170	23.7	18.8	28.2



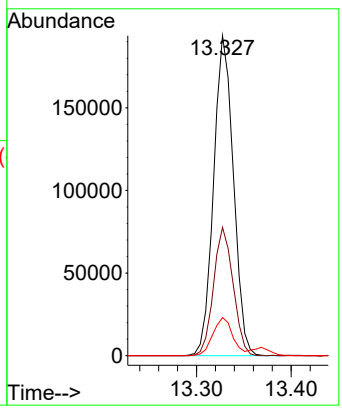


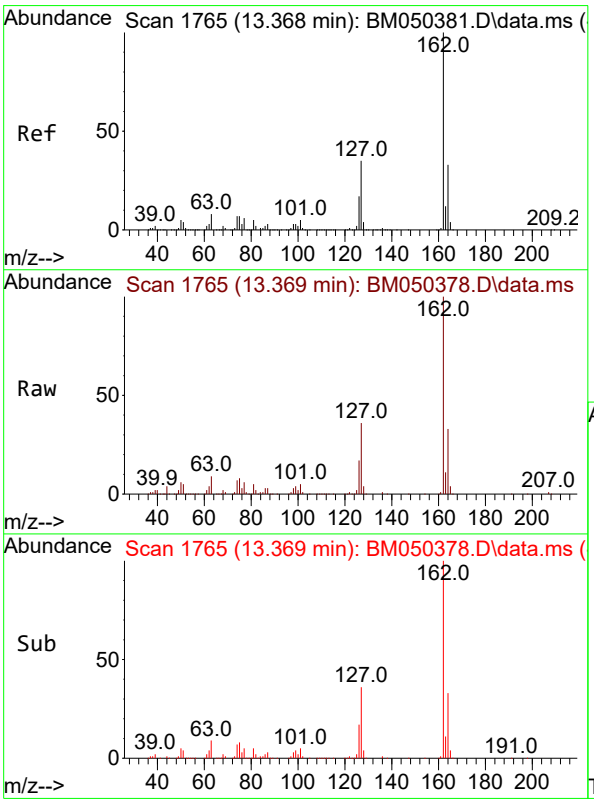
#46
1,1'-Biphenyl
Concen: 4.934 ng
RT: 13.327 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 281496

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.7	59.7
76	11.9	0.0	30.9

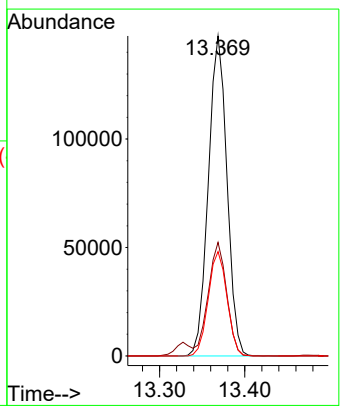


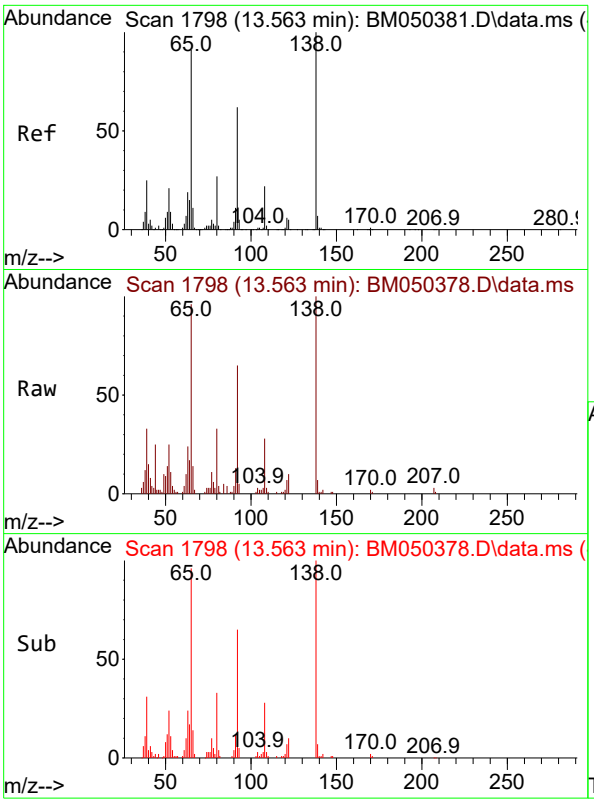


#47
2-Chloronaphthalene
Concen: 4.918 ng
RT: 13.369 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:162 Resp: 223672

Ion	Ratio	Lower	Upper
162	100		
127	35.5	28.3	42.5
164	32.6	26.6	40.0



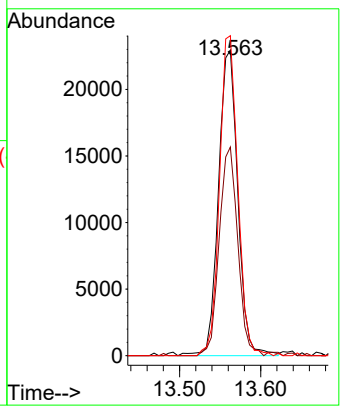


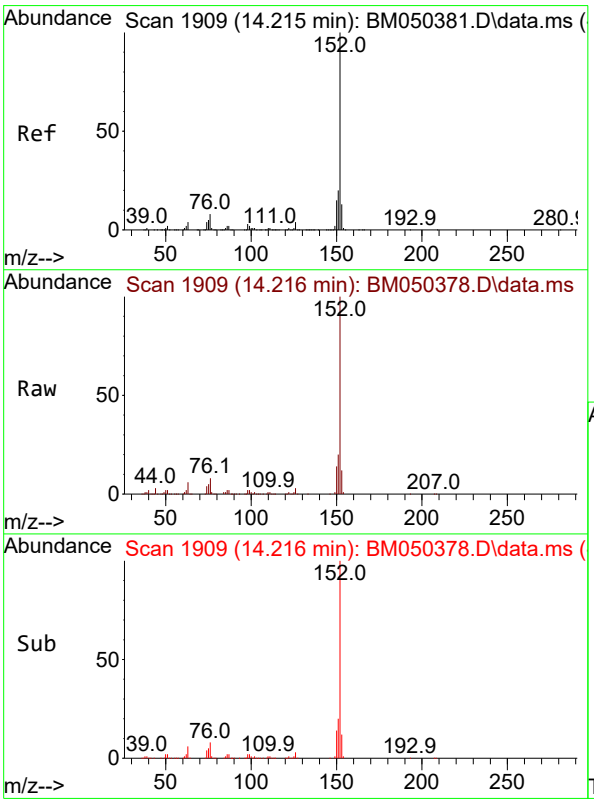
#48
2-Nitroaniline
Concen: 3.738 ng
RT: 13.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 37953

Ion	Ratio	Lower	Upper
65	100		
92	68.3	54.3	81.5
138	104.7	87.8	131.6

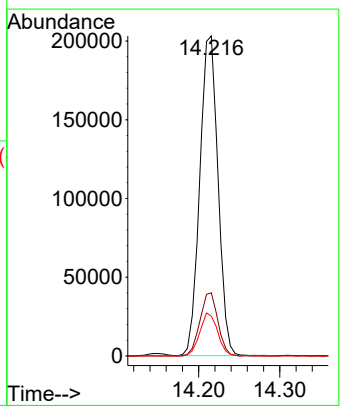


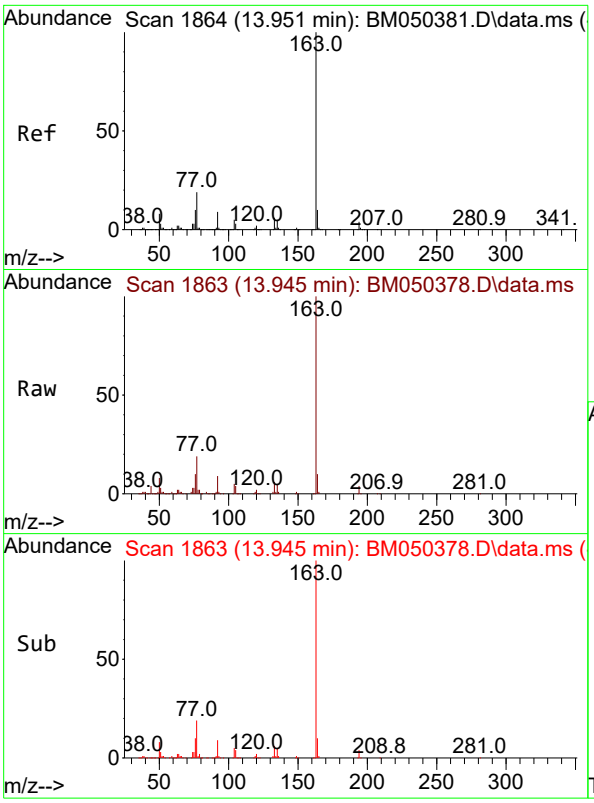


#49
Acenaphthylene
Concen: 4.601 ng
RT: 14.216 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:152 Resp: 316292

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.4	10.6	15.8



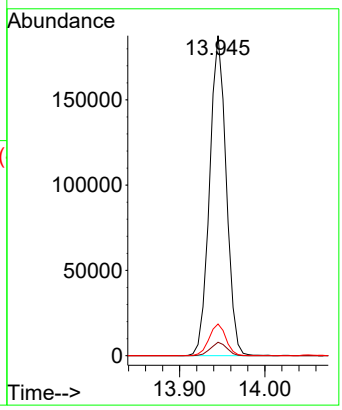


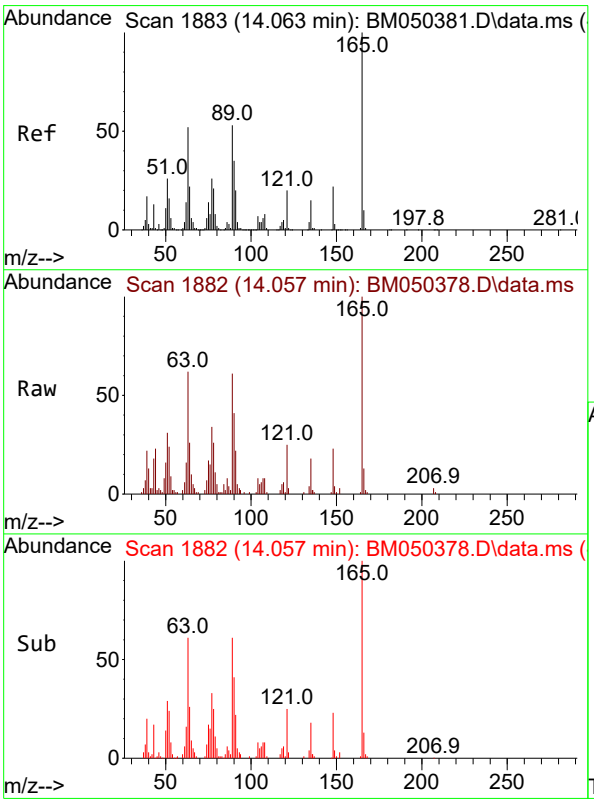
#50
Dimethylphthalate
Concen: 4.805 ng
RT: 13.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 254362

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	8.2	12.2

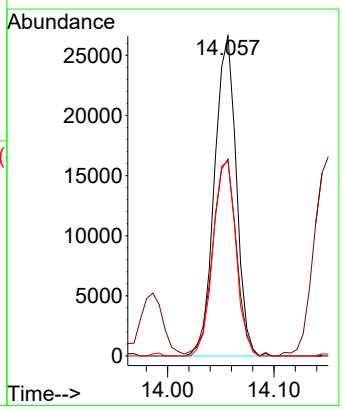


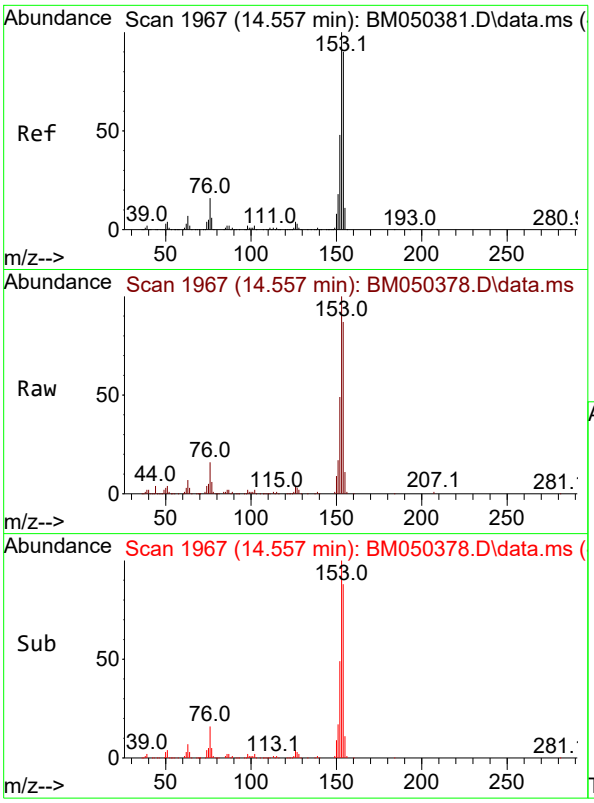


#51
2,6-Dinitrotoluene
Concen: 3.710 ng
RT: 14.057 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:165 Resp: 37711

Ion	Ratio	Lower	Upper
165	100		
63	61.5	42.4	63.6
89	60.8	42.2	63.2



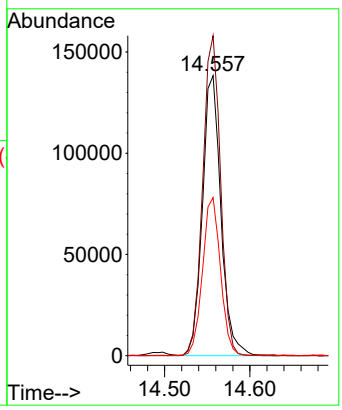


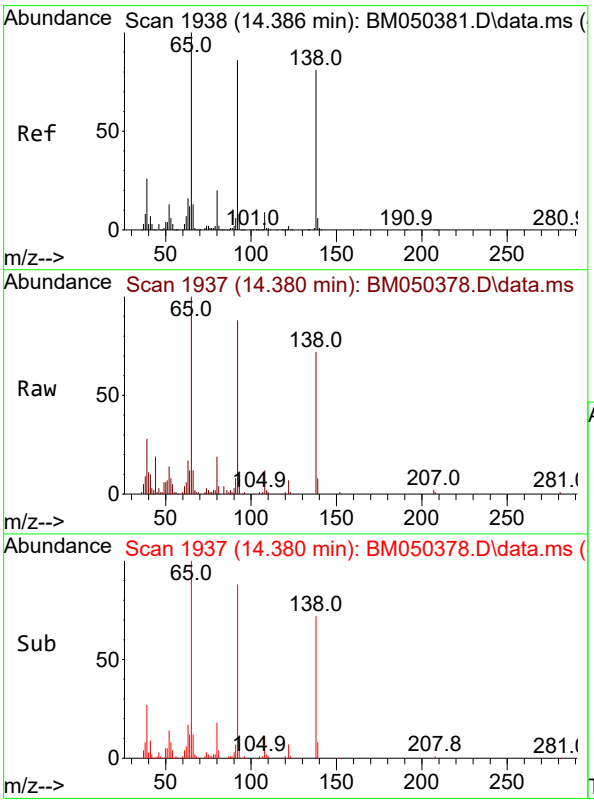
#52
Acenaphthene
Concen: 4.779 ng
RT: 14.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 208840

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.2	133.8
152	56.4	42.6	64.0

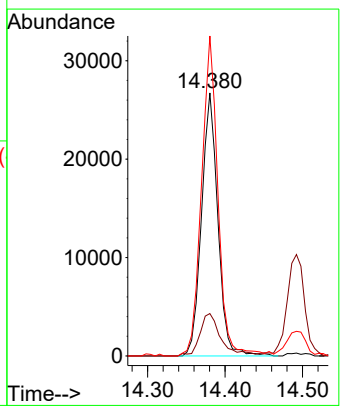


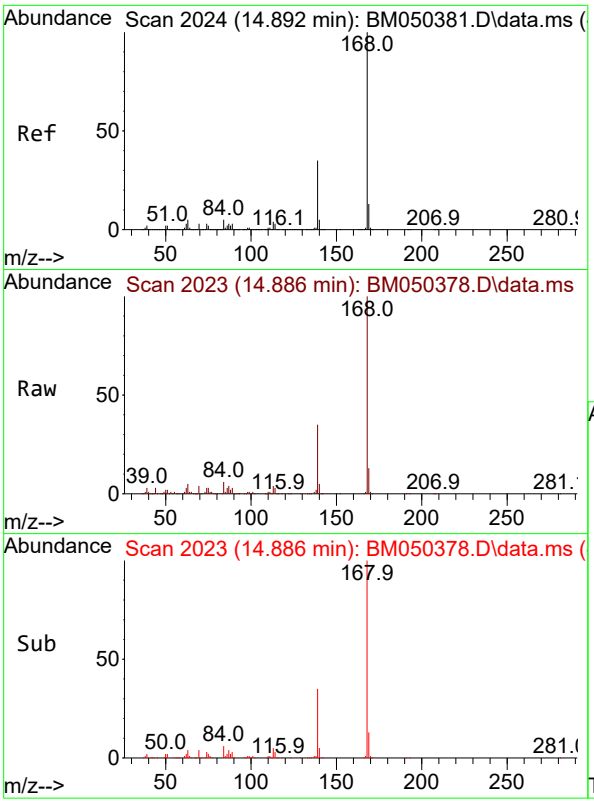


#53
3-Nitroaniline
Concen: 3.628 ng
RT: 14.380 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:138 Resp: 39220

Ion	Ratio	Lower	Upper
138	100		
108	16.1	8.8	13.2#
92	121.7	85.0	127.6



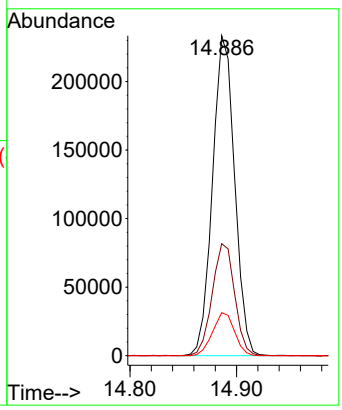


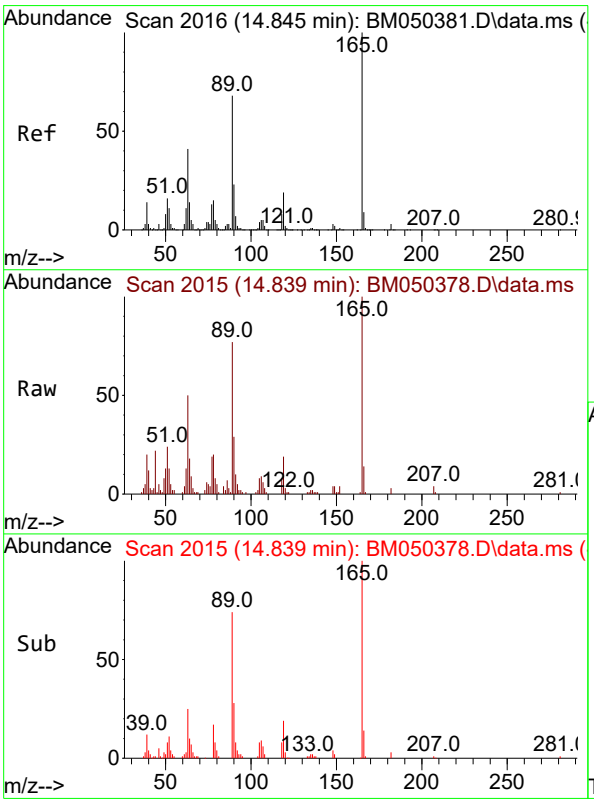
#55
Dibenzofuran
Concen: 4.988 ng
RT: 14.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 335867

Ion	Ratio	Lower	Upper
168	100		
139	35.0	27.7	41.5
169	13.4	10.7	16.1

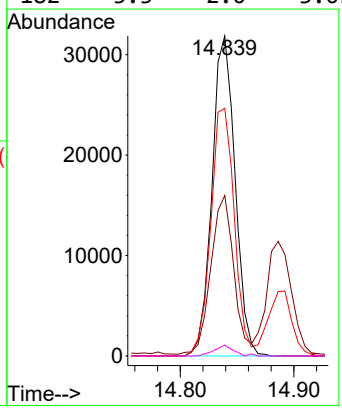


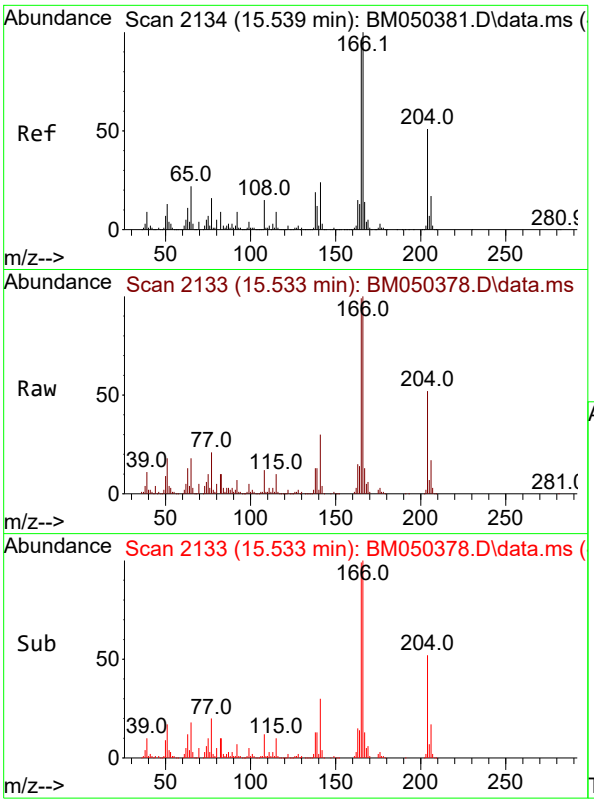


#57
2,4-Dinitrotoluene
Concen: 5.513 ng
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:165 Resp: 44983

Ion	Ratio	Lower	Upper
165	100		
63	50.1	32.5	48.7#
89	77.4	54.0	81.0
182	3.3	2.0	3.0#



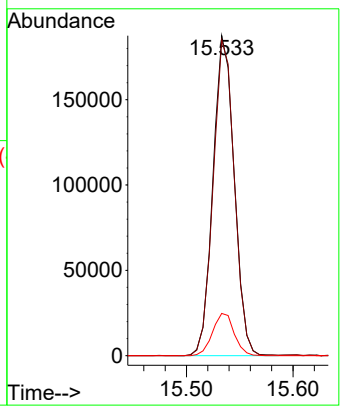


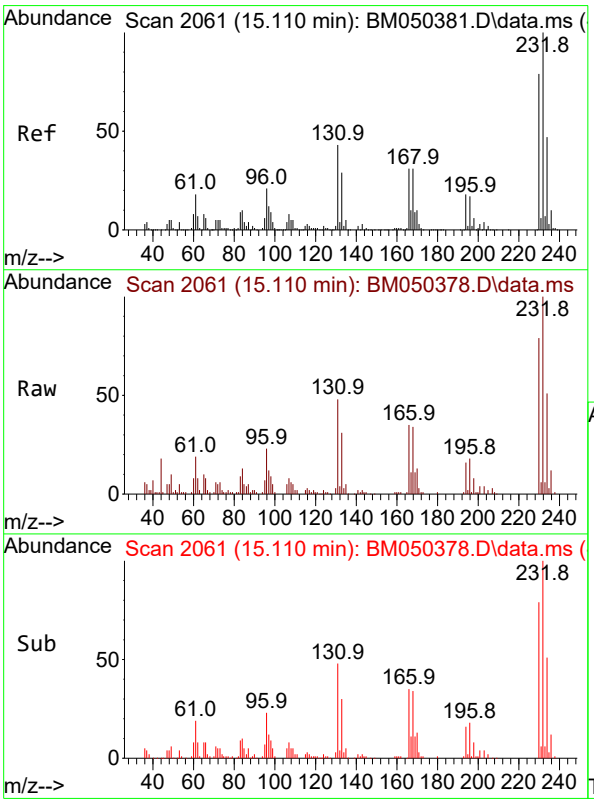
#58
Fluorene
Concen: 4.671 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 259083

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.0	115.6
167	13.2	10.9	16.3

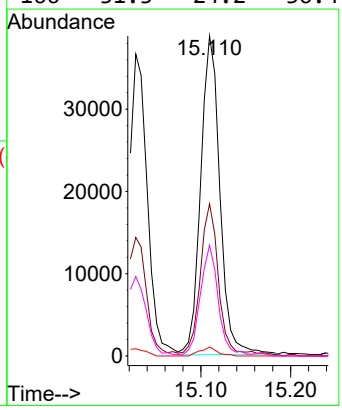


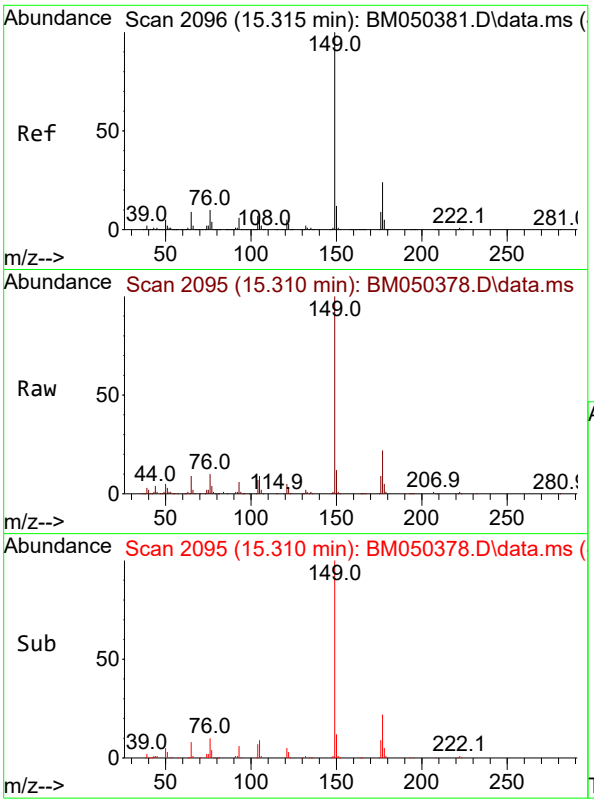


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.158 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:232 Resp: 57532

Ion	Ratio	Lower	Upper
232	100		
131	46.5	33.4	50.0
130	2.5	1.8	2.6
166	31.3	24.2	36.4



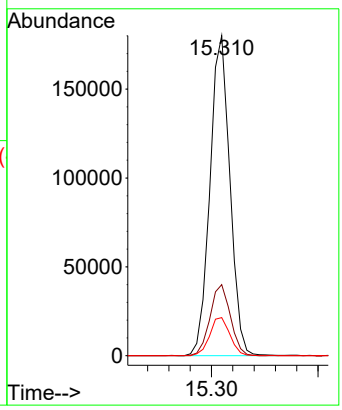


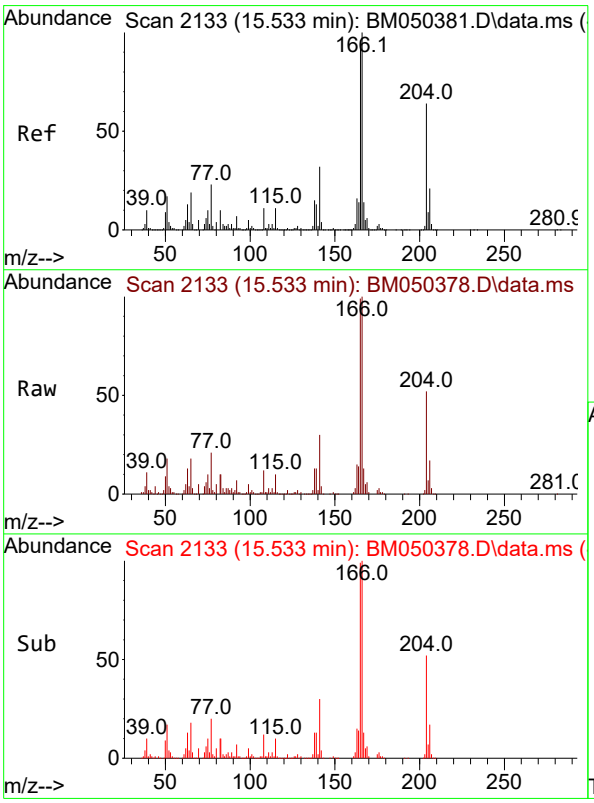
#60
Diethylphthalate
Concen: 4.625 ng
RT: 15.310 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 233863

Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.8	28.2
150	11.9	9.8	14.8

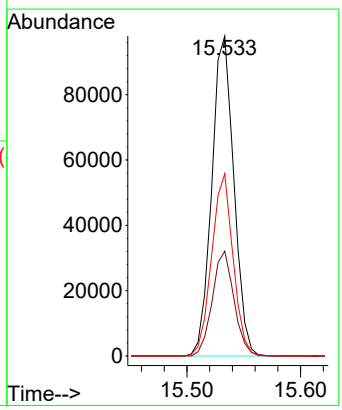


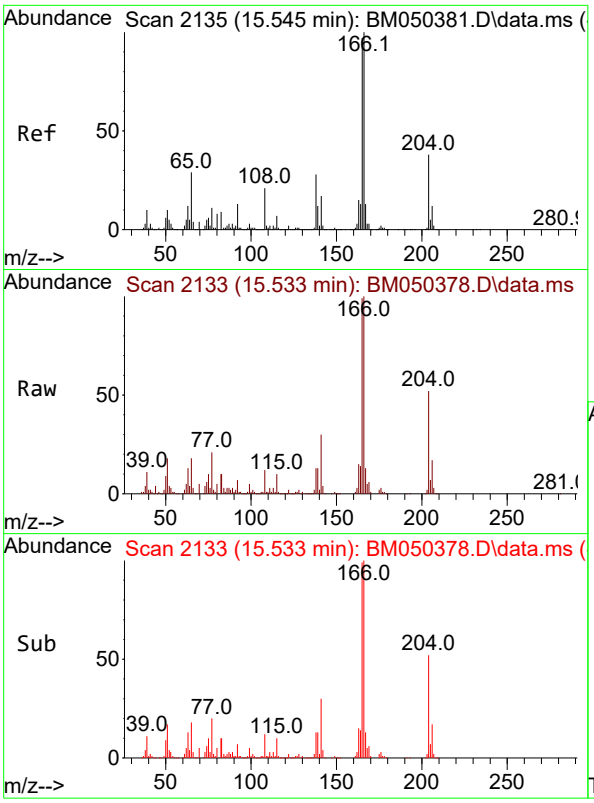


#61
4-Chlorophenyl-phenylether
Concen: 4.557 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:204 Resp: 132153

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	57.0	39.9	59.9



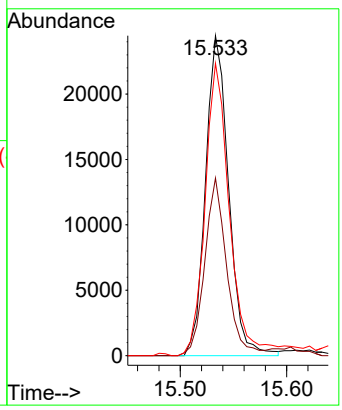


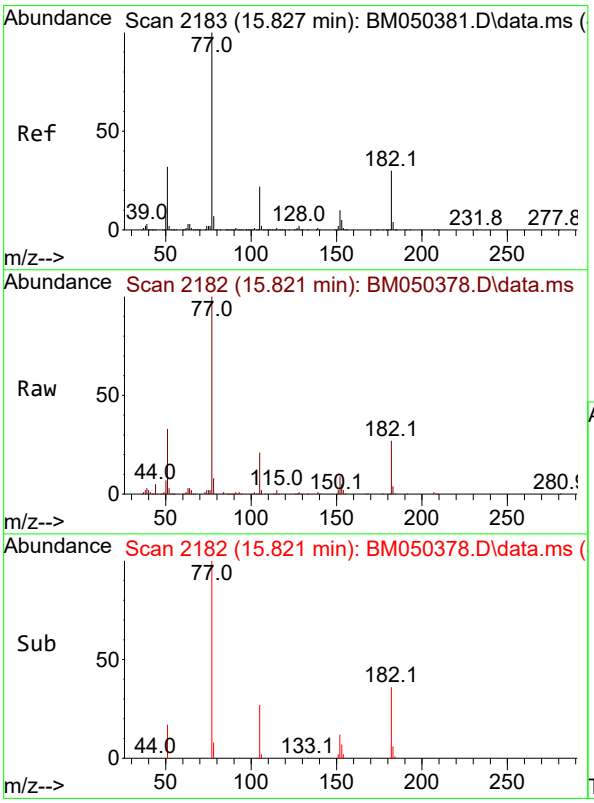
#62
4-Nitroaniline
Concen: 5.398 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 36922

Ion	Ratio	Lower	Upper
138	100		
92	55.5	24.5	64.5
108	91.3	52.5	92.5

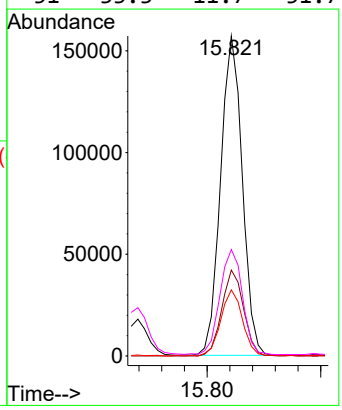


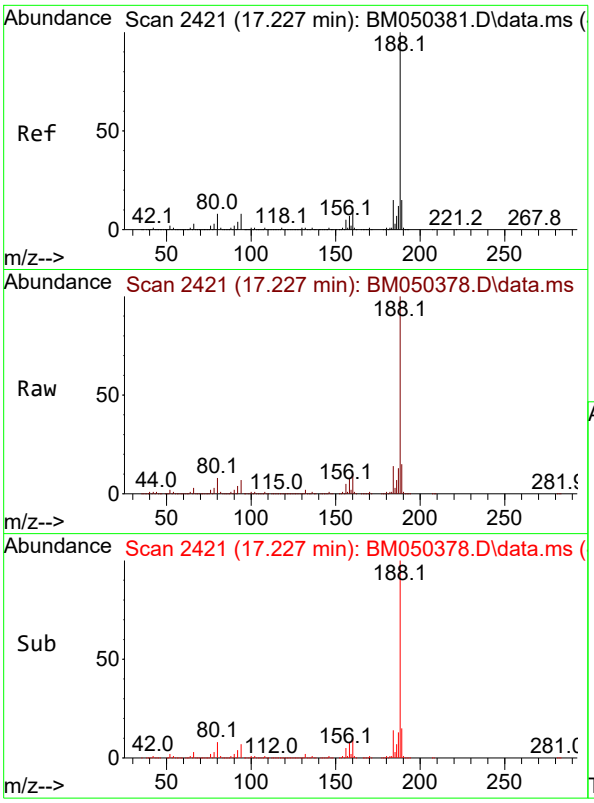


#63
Azobenzene
Concen: 4.490 ng
RT: 15.821 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 77 Resp: 208493

Ion	Ratio	Lower	Upper
77	100		
182	26.8	10.0	50.0
105	20.6	2.0	42.0
51	33.3	11.7	51.7



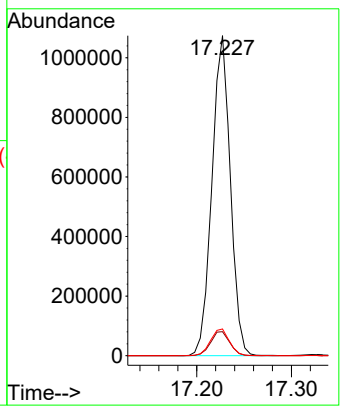


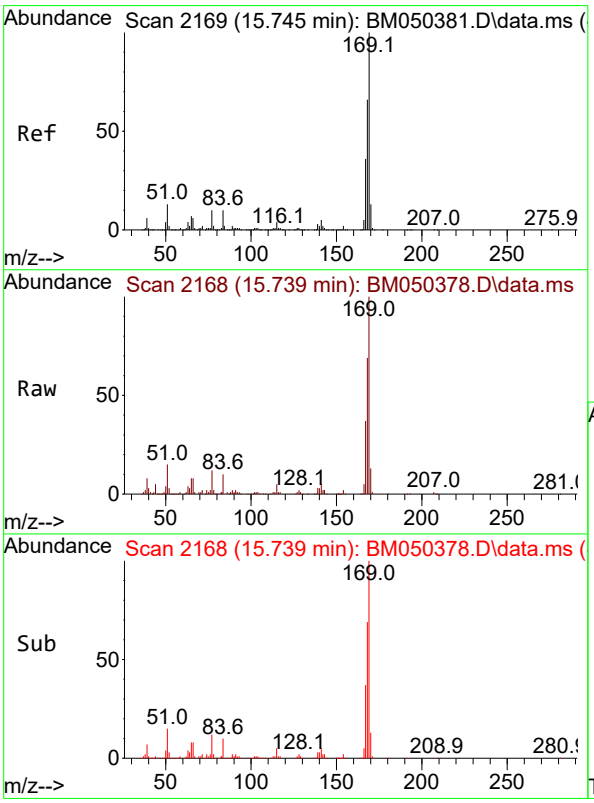
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 1453955

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.3	6.5	9.7

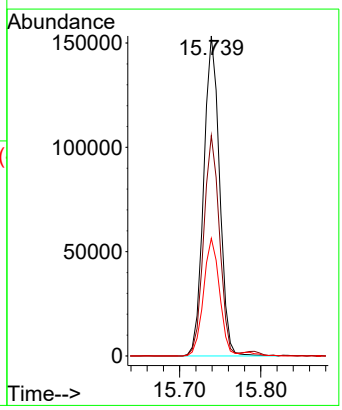


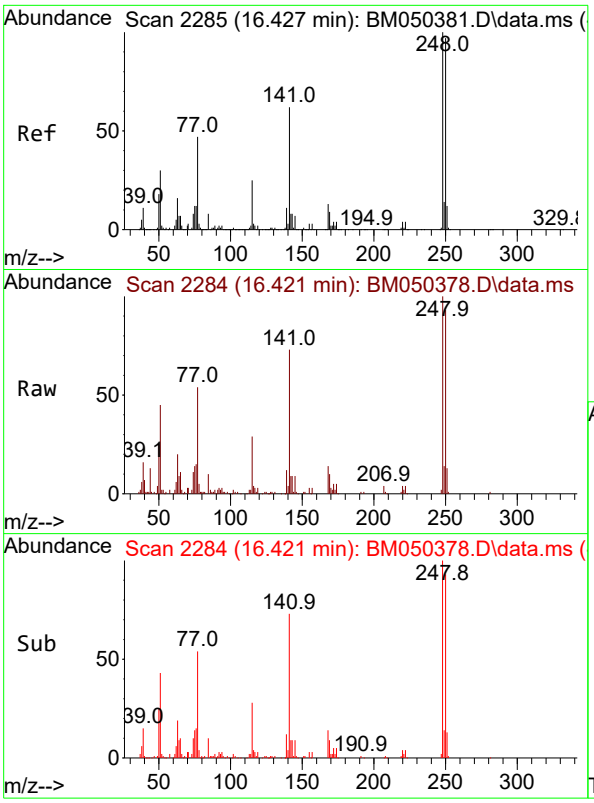


#66
n-Nitrosodiphenylamine
Concen: 4.566 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:169 Resp: 207747

Ion	Ratio	Lower	Upper
169	100		
168	68.9	53.2	79.8
167	36.8	28.7	43.1



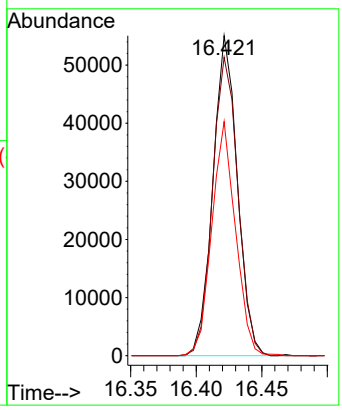


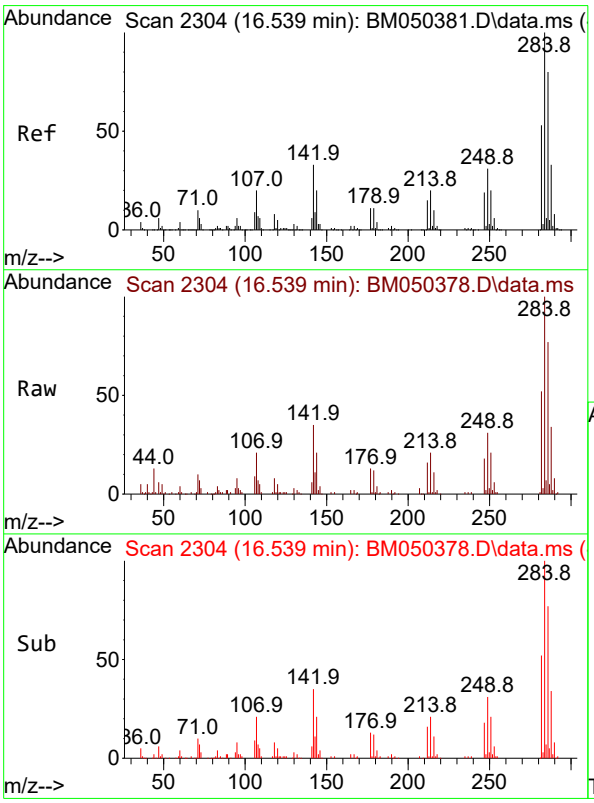
#67
4-Bromophenyl-phenylether
Concen: 4.450 ng
RT: 16.421 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 71279

Ion	Ratio	Lower	Upper
248	100		
250	93.3	77.9	116.9
141	73.2	49.7	74.5

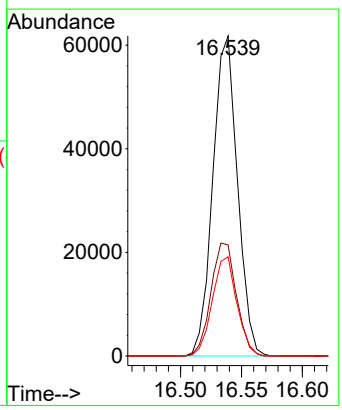


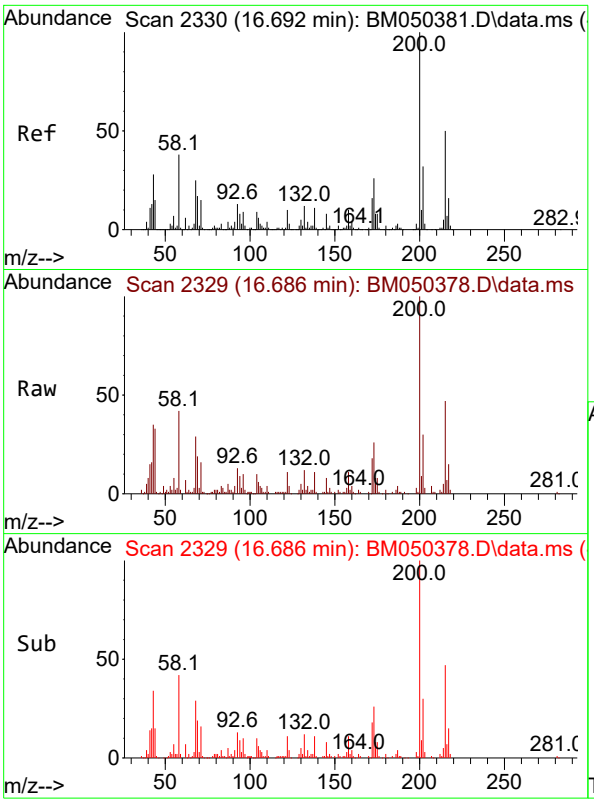


#68
Hexachlorobenzene
Concen: 4.587 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:284 Resp: 86781

Ion	Ratio	Lower	Upper
284	100		
142	34.7	26.8	40.2
249	31.0	24.5	36.7



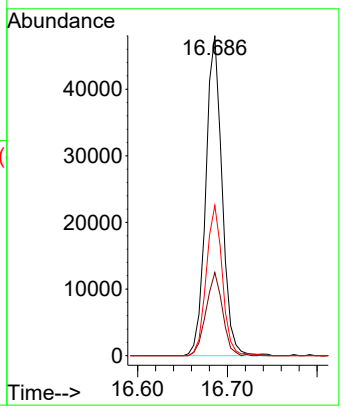


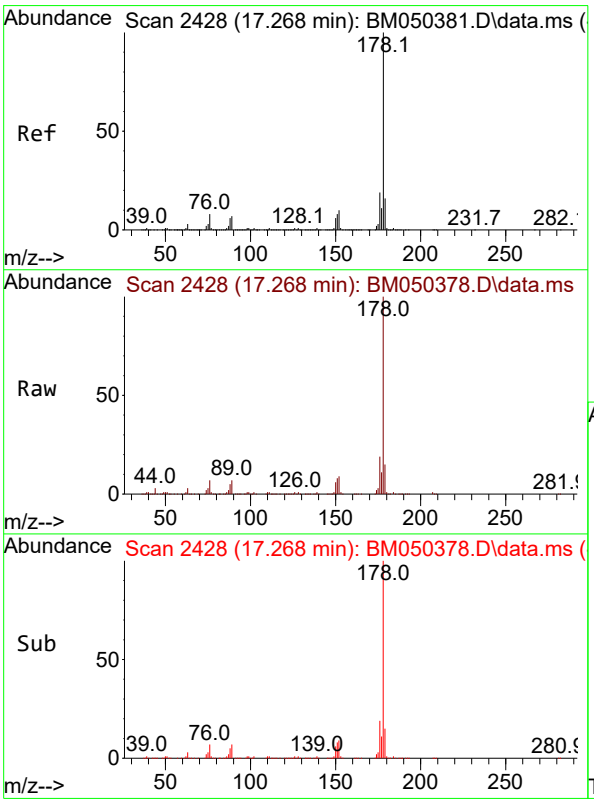
#69
Atrazine
Concen: 4.046 ng
RT: 16.686 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 60444

Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.6	45.6
215	47.0	29.6	69.6

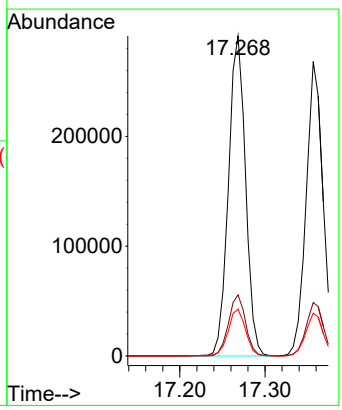


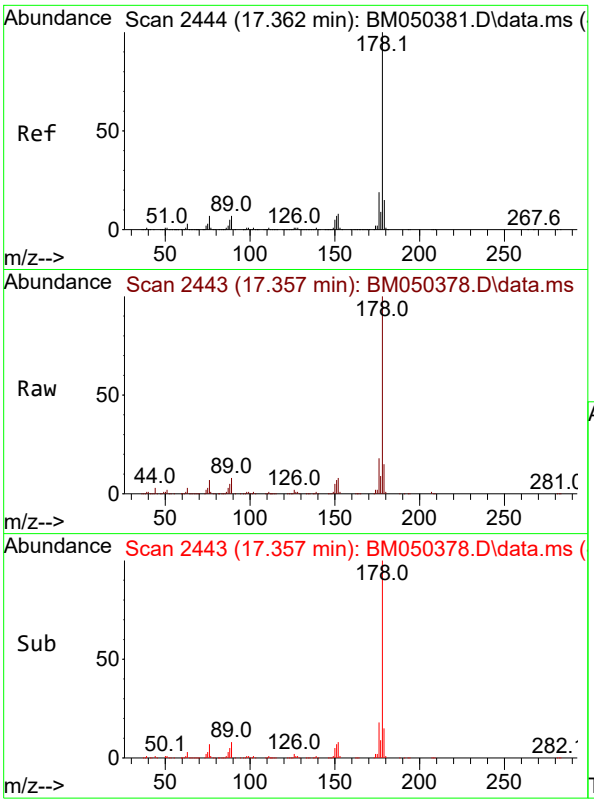


#71
Phenanthrene
Concen: 4.943 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:178 Resp: 406647

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	14.7	12.5	18.7



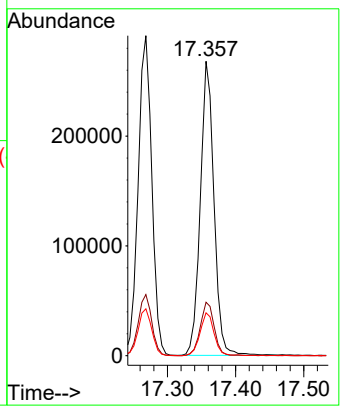


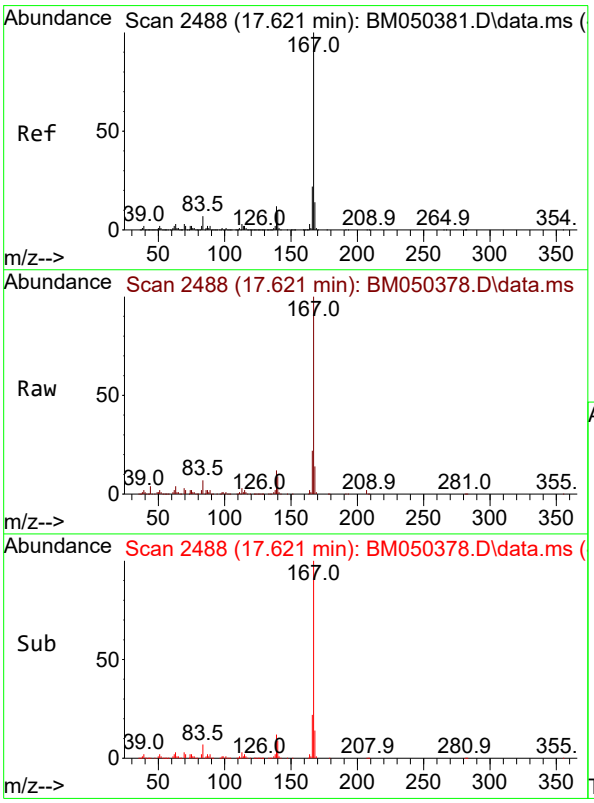
#72
Anthracene
Concen: 4.563 ng
RT: 17.357 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 373674

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	14.6	12.2	18.4

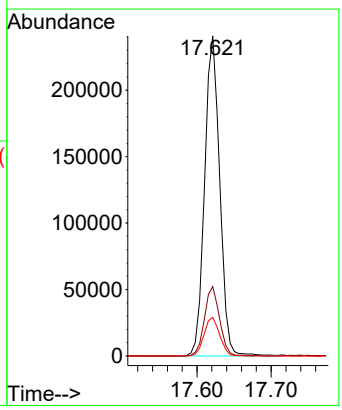


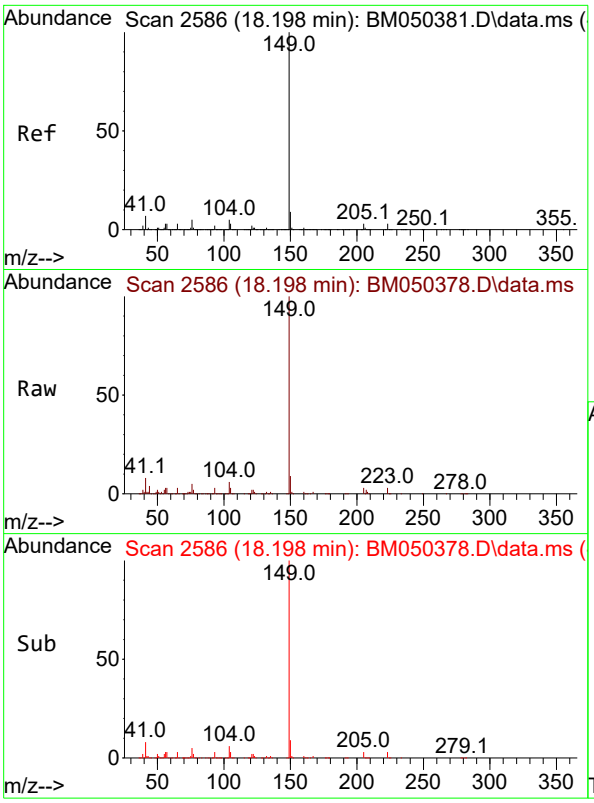


#73
Carbazole
Concen: 4.605 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:167 Resp: 341196

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.1	9.9	14.9



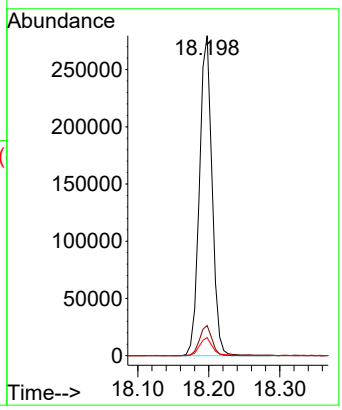


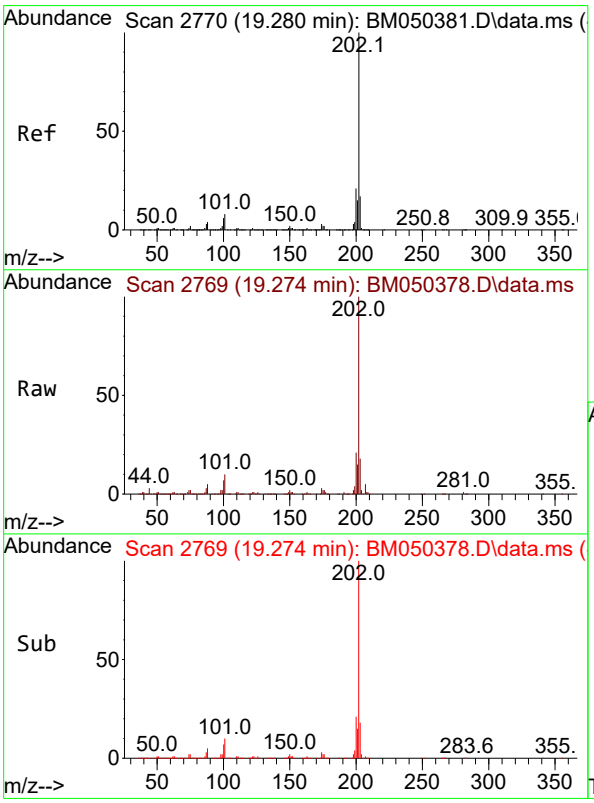
#74
Di-n-butylphthalate
Concen: 4.274 ng
RT: 18.198 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 346654

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.7	3.9	5.9

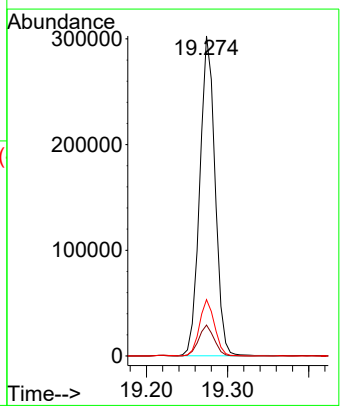


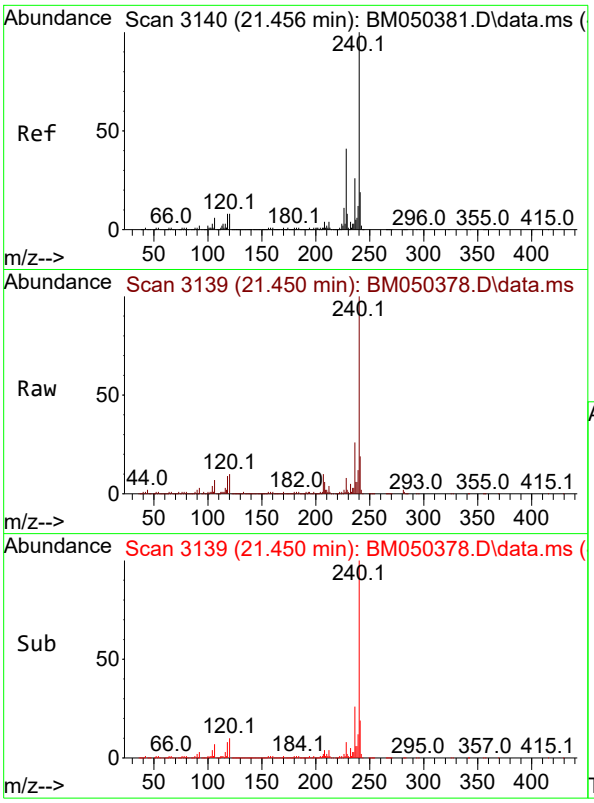


#75
Fluoranthene
Concen: 4.421 ng
RT: 19.274 min Scan# 2769
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:202 Resp: 395390

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	28.3
203	17.6	0.0	37.2



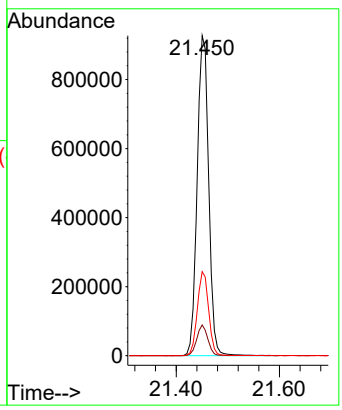


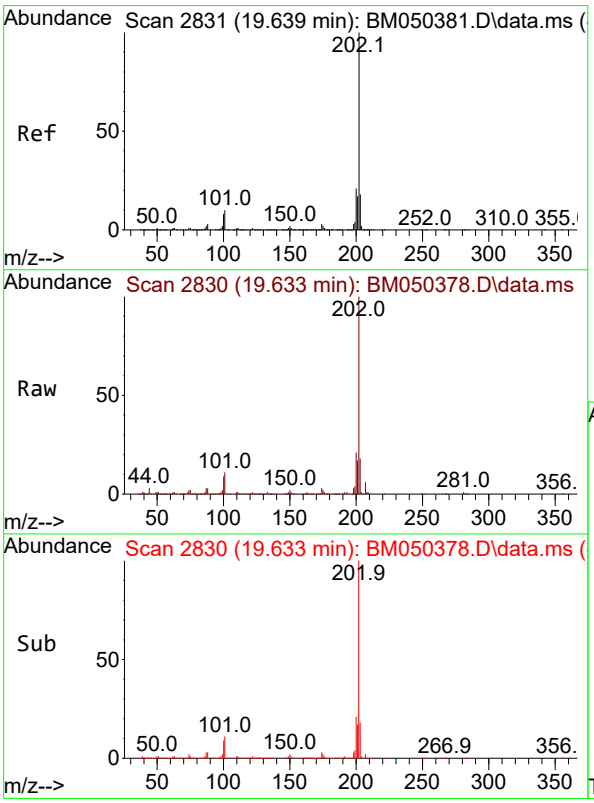
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 1431554

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.7	10.1
236	26.3	20.7	31.1

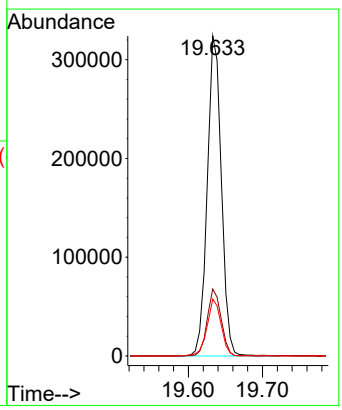


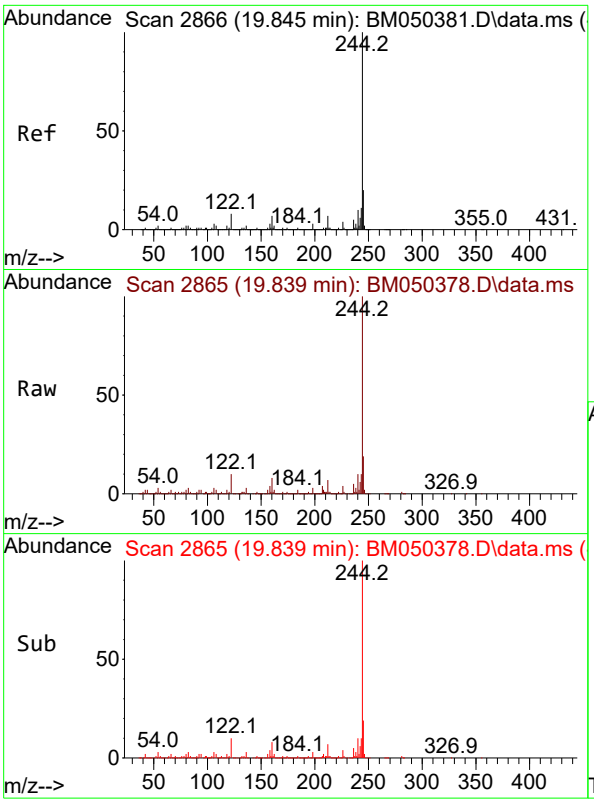


#78
Pyrene
Concen: 4.676 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:202 Resp: 428758

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.7	14.1	21.1



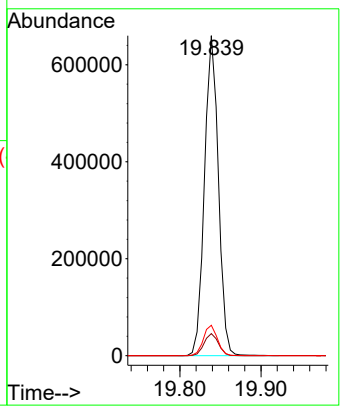


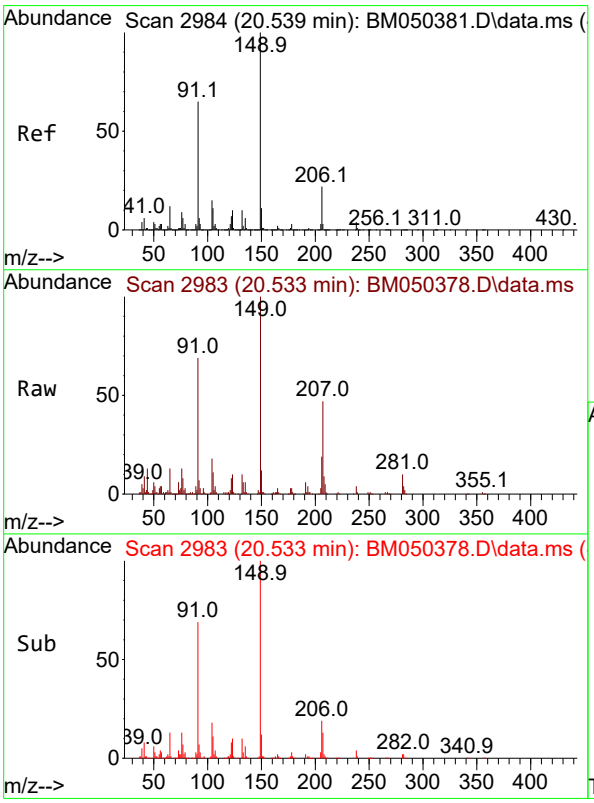
#79
Terphenyl-d14
Concen: 9.630 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 783562

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.5	6.2	9.2#

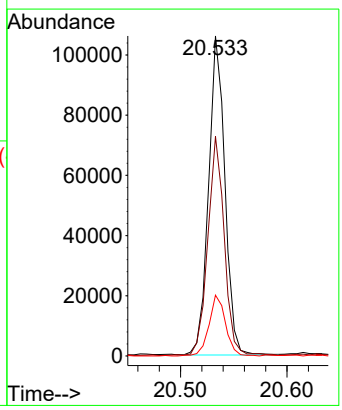


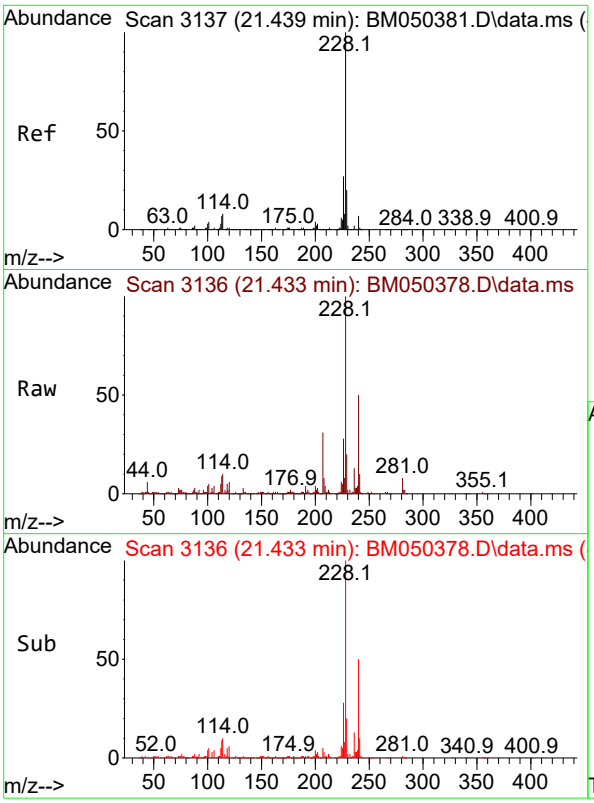


#80
Butylbenzylphthalate
Concen: 3.757 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:149 Resp: 113580

Ion	Ratio	Lower	Upper
149	100		
91	68.6	51.6	77.4
206	19.0	17.8	26.8



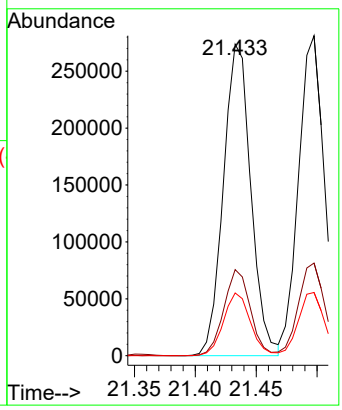


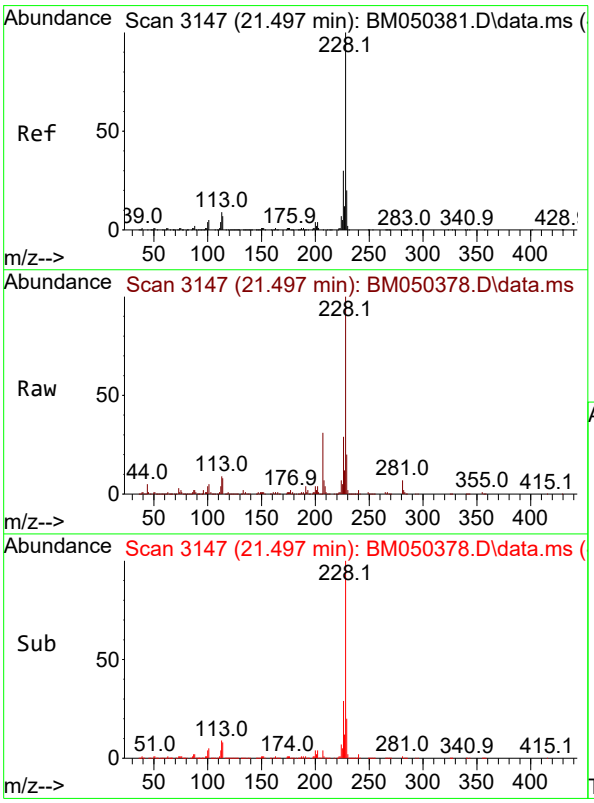
#81
Benzo(a)anthracene
Concen: 4.620 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 430980

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.1	16.0	24.0

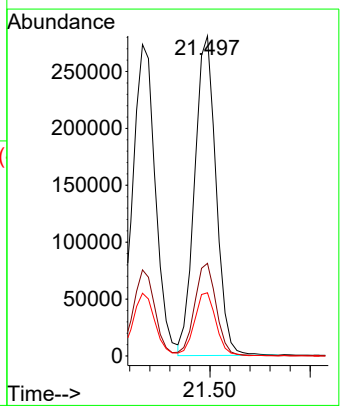


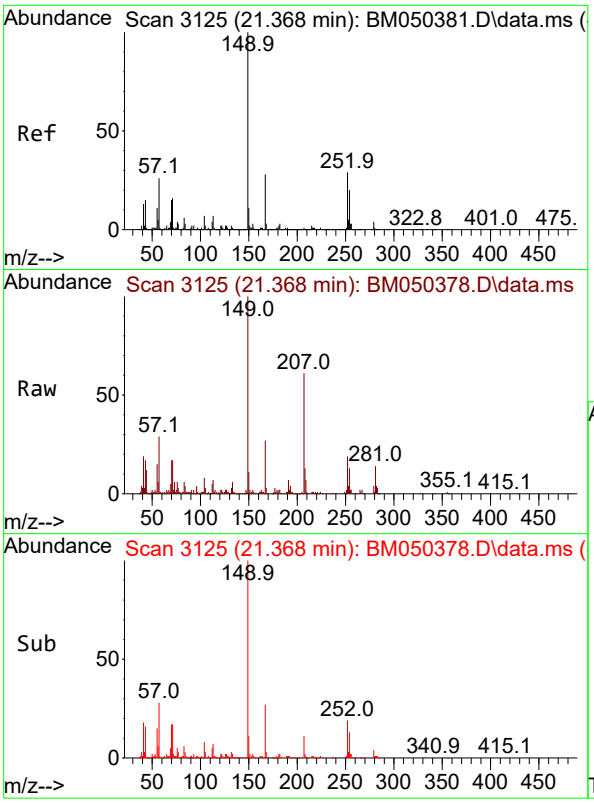


#83
Chrysene
Concen: 4.727 ng
RT: 21.497 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:228 Resp: 415885

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.4
229	19.8	15.8	23.6



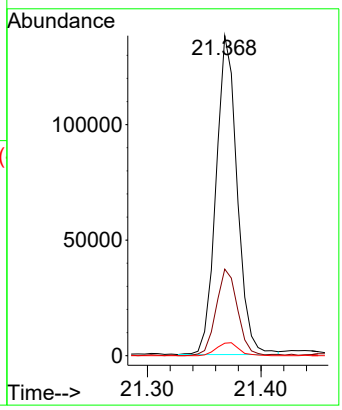


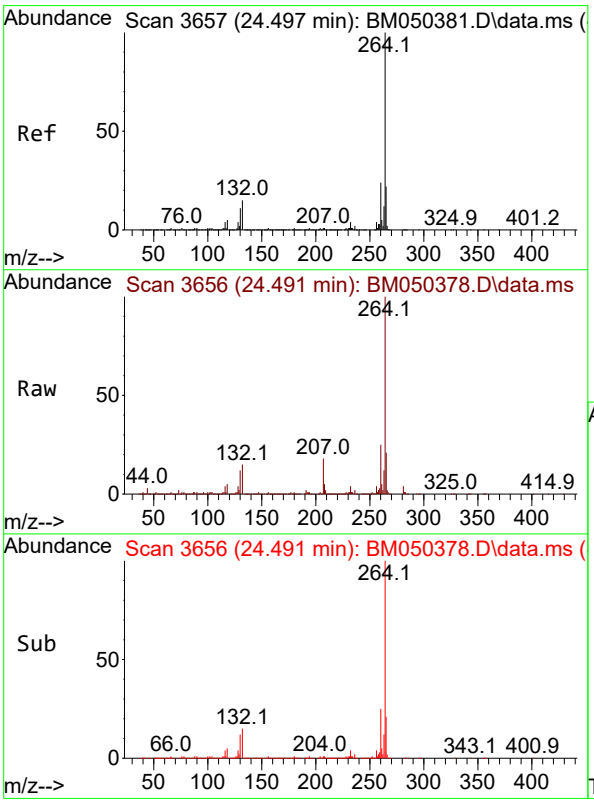
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.724 ng
RT: 21.368 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 178701

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.7	34.1
279	3.9	3.5	5.3

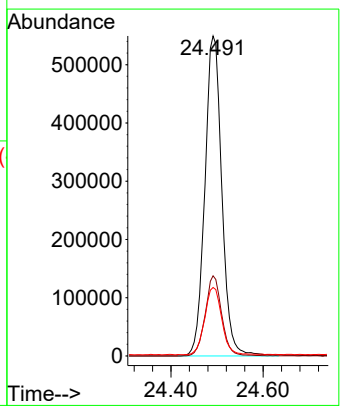


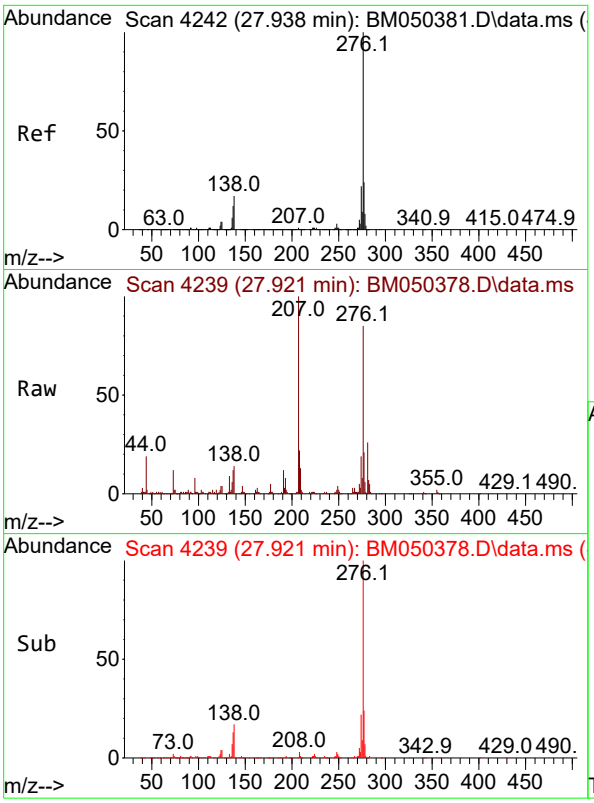


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:264 Resp: 1410719

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.4	17.8	26.6



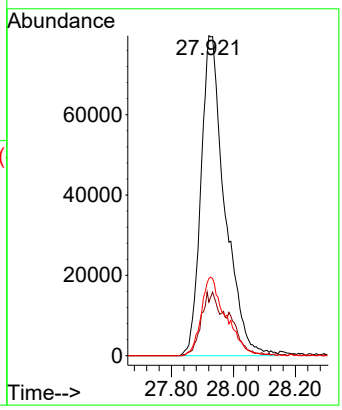


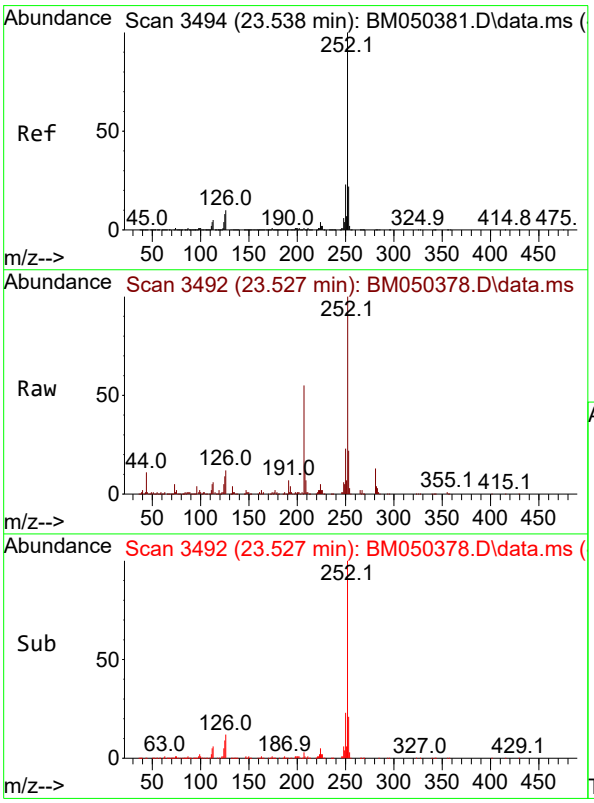
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.249 ng
RT: 27.921 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 426152

Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.0	25.6
277	25.5	20.0	30.0

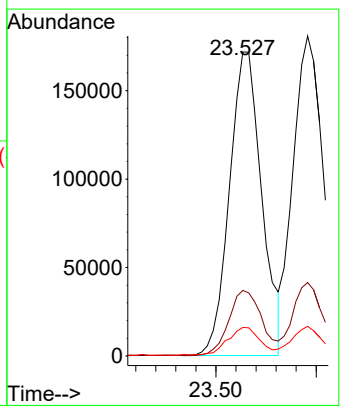


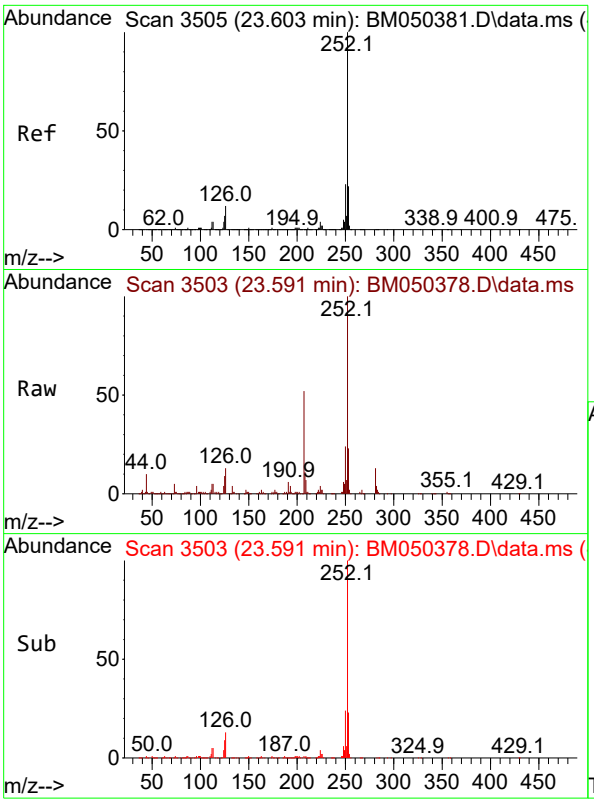


#88
Benzo(b)fluoranthene
Concen: 4.431 ng
RT: 23.527 min Scan# 3492
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:252 Resp: 384470

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	9.4	6.3	9.5



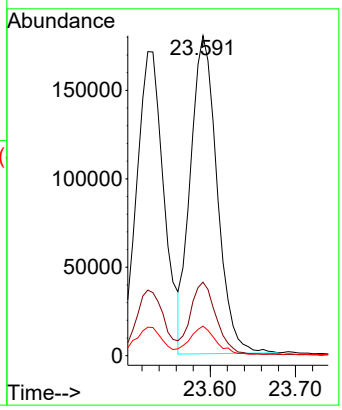


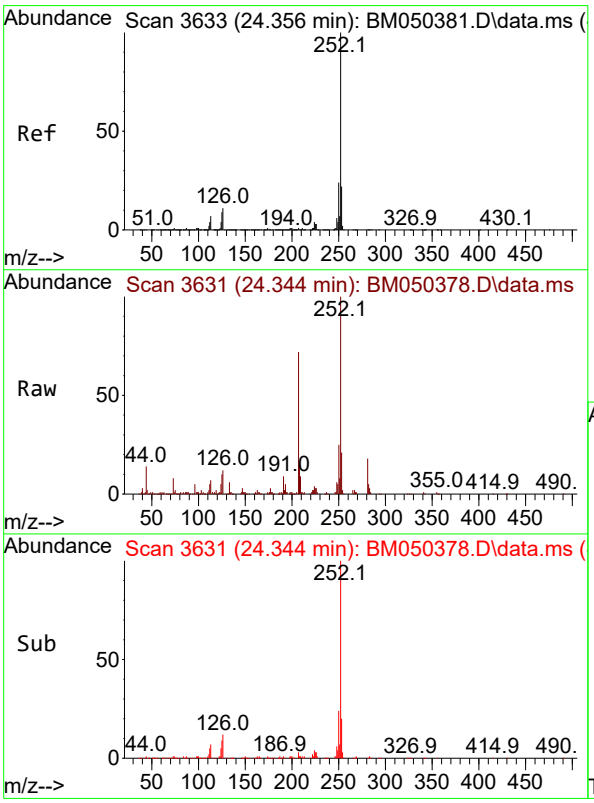
#89
Benzo(k)fluoranthene
Concen: 4.330 ng
RT: 23.591 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 389878

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.3	6.2	9.2#

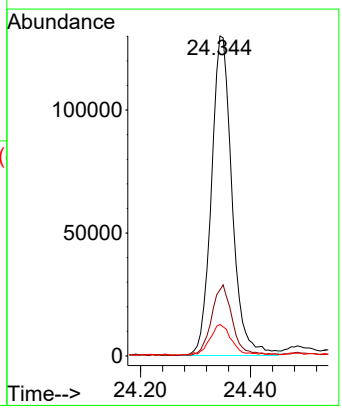


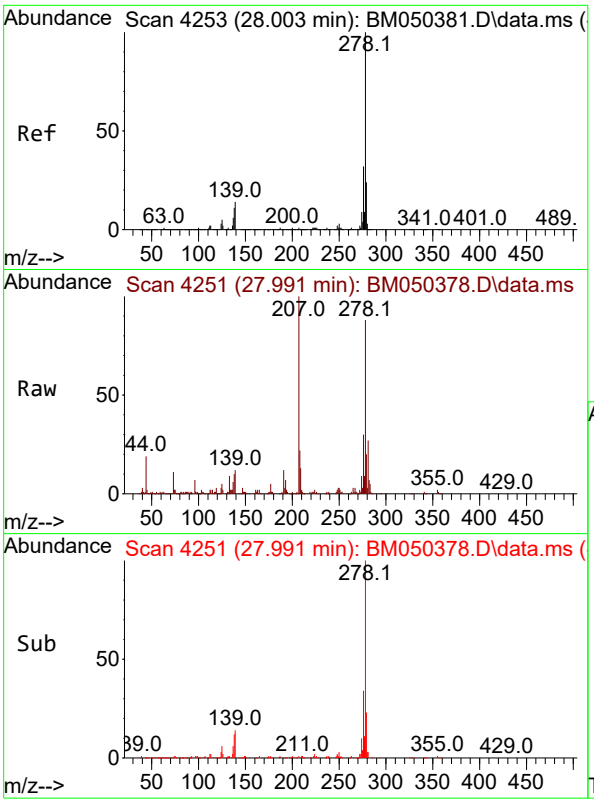


#90
Benzo(a)pyrene
Concen: 4.177 ng
RT: 24.344 min Scan# 3631
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:252 Resp: 339308

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.8	26.6
125	9.9	7.0	10.4



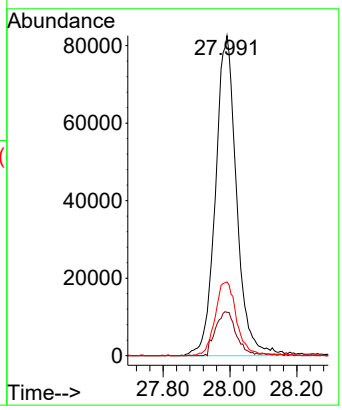


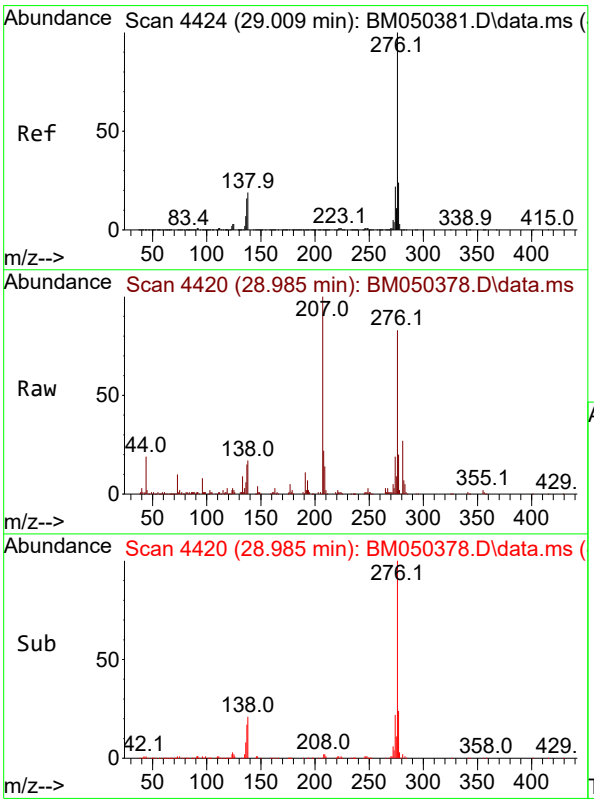
#91
Dibenzo(a,h)anthracene
Concen: 4.269 ng
RT: 27.991 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 360576

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.8	16.2
279	23.1	19.4	29.0

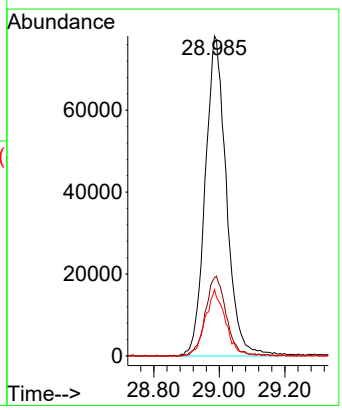




#92
Benzo(g,h,i)perylene
Concen: 4.382 ng
RT: 28.985 min Scan# 4420
Delta R.T. -0.023 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:276 Resp: 349804

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	20.8	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050379.D
Acq On : 08 Jul 2025 14:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Jul 08 18:20:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	361961	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1342132	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	846249	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1580349	20.000	ng		0.00
76) Chrysene-d12	21.450	240	1564213	20.000	ng		0.00
86) Perylene-d12	24.491	264	1552476	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	390415	18.566	ng		0.00
7) Phenol-d6	7.016	99	480384	18.122	ng		0.00
23) Nitrobenzene-d5	9.016	82	476926	18.129	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	165401	16.086	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	1301714	18.996	ng		0.00
79) Terphenyl-d14	19.839	244	1735885	19.526	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	84322	9.752	ng		97
3) Pyridine	3.734	79	216596	9.541	ng		96
4) n-Nitrosodimethylamine	3.640	42	101622	9.602	ng	#	92
6) Aniline	7.187	93	308012	9.054	ng		99
8) 2-Chlorophenol	7.428	128	200037	9.022	ng		99
9) Benzaldehyde	6.998	77	170875m	10.835	ng		
10) Phenol	7.045	94	255531	9.242	ng		99
11) bis(2-Chloroethyl)ether	7.281	93	205153	9.265	ng		95
12) 1,3-Dichlorobenzene	7.757	146	257848	9.564	ng		99
13) 1,4-Dichlorobenzene	7.898	146	264062	9.592	ng		99
14) 1,2-Dichlorobenzene	8.222	146	252415	9.577	ng		96
15) Benzyl Alcohol	8.098	79	164181	8.790	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.392	45	315036	9.659	ng		100
17) 2-Methylphenol	8.298	107	162594	9.067	ng		96
18) Hexachloroethane	8.951	117	90719	9.370	ng		95
19) n-Nitroso-di-n-propyla...	8.669	70	146225	9.106	ng		98
20) 3+4-Methylphenols	8.622	107	211795	8.798	ng		99
22) Acetophenone	8.681	105	321333	9.576	ng	#	98
24) Nitrobenzene	9.057	77	220849	9.408	ng		98
25) Isophorone	9.586	82	385498	9.031	ng		98
26) 2-Nitrophenol	9.769	139	74836	7.822	ng		92
27) 2,4-Dimethylphenol	9.828	122	184710	9.073	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	264798	9.361	ng		99
29) 2,4-Dichlorophenol	10.304	162	187427	8.961	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	234305	9.364	ng		97
31) Naphthalene	10.710	128	653977	9.593	ng		99
32) Benzoic acid	9.886	122	67388	10.696	ng		97
33) 4-Chloroaniline	10.810	127	266307	9.240	ng		99
34) Hexachlorobutadiene	11.004	225	140567	9.205	ng		94
35) Caprolactam	11.557	113	42675	7.474	ng		94
36) 4-Chloro-3-methylphenol	11.927	107	171511	8.781	ng		97
37) 2-Methylnaphthalene	12.322	142	399569	9.283	ng		99
38) 1-Methylnaphthalene	12.539	142	422148	9.267	ng		98
40) 1,2,4,5-Tetrachloroben...	12.686	216	240904	8.952	ng		99
41) Hexachlorocyclopentadiene	12.680	237	135571	7.881	ng		100
43) 2,4,6-Trichlorophenol	12.922	196	141791	8.560	ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050379.D
Acq On : 08 Jul 2025 14:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Jul 08 18:20:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	159049	8.792	ng		97
46) 1,1'-Biphenyl	13.327	154	600373	9.562	ng		99
47) 2-Chloronaphthalene	13.369	162	476534	9.519	ng		99
48) 2-Nitroaniline	13.563	65	89190	7.982	ng		96
49) Acenaphthylene	14.216	152	701534	9.273	ng		99
50) Dimethylphthalate	13.945	163	543665	9.331	ng		99
51) 2,6-Dinitrotoluene	14.057	165	94728	8.468	ng		94
52) Acenaphthene	14.557	154	444228	9.236	ng		95
53) 3-Nitroaniline	14.380	138	97828	8.223	ng	#	93
54) 2,4-Dinitrophenol	14.586	184	31123	11.045	ng		99
55) Dibenzofuran	14.892	168	708153	9.555	ng		98
56) 4-Nitrophenol	14.680	139	76886	7.515	ng		98
57) 2,4-Dinitrotoluene	14.839	165	117194	9.325	ng		92
58) Fluorene	15.539	166	562098	9.208	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	129591	8.509	ng		97
60) Diethylphthalate	15.310	149	512043	9.200	ng		98
61) 4-Chlorophenyl-phenyle...	15.533	204	284655	8.918	ng		96
62) 4-Nitroaniline	15.539	138	96460	9.259	ng		90
63) Azobenzene	15.821	77	472164	9.239	ng		95
65) 4,6-Dinitro-2-methylph...	15.598	198	45307	10.934	ng		97
66) n-Nitrosodiphenylamine	15.739	169	455683	9.215	ng		99
67) 4-Bromophenyl-phenylether	16.421	248	153426	8.812	ng		94
68) Hexachlorobenzene	16.539	284	184262	8.960	ng		97
69) Atrazine	16.686	200	137949	8.495	ng		98
70) Pentachlorophenol	16.874	266	96207	7.515	ng		99
71) Phenanthrene	17.268	178	845393	9.454	ng		99
72) Anthracene	17.357	178	803377	9.025	ng		99
73) Carbazole	17.621	167	746026	9.263	ng		100
74) Di-n-butylphthalate	18.198	149	759019	8.610	ng		99
75) Fluoranthene	19.274	202	852385	8.768	ng		98
77) Benzidine	19.456	184	289481	7.256	ng		99
78) Pyrene	19.633	202	920751	9.191	ng		99
80) Butylbenzylphthalate	20.533	149	261606	7.920	ng		95
81) Benzo(a)anthracene	21.433	228	940127	9.224	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	274551	7.988	ng		100
83) Chrysene	21.497	228	902126	9.384	ng		100
84) Bis(2-ethylhexyl)phtha...	21.374	149	426642	8.136	ng		98
85) Di-n-octyl phthalate	22.521	149	580634	7.070	ng		98
87) Indeno(1,2,3-cd)pyrene	27.921	276	960927	8.706	ng	#	94
88) Benzo(b)fluoranthene	23.533	252	834603	8.740	ng		99
89) Benzo(k)fluoranthene	23.591	252	883703	8.919	ng		99
90) Benzo(a)pyrene	24.344	252	764280	8.550	ng		99
91) Dibenzo(a,h)anthracene	27.985	278	803056	8.639	ng		98
92) Benzo(g,h,i)perylene	28.997	276	776700	8.841	ng		99

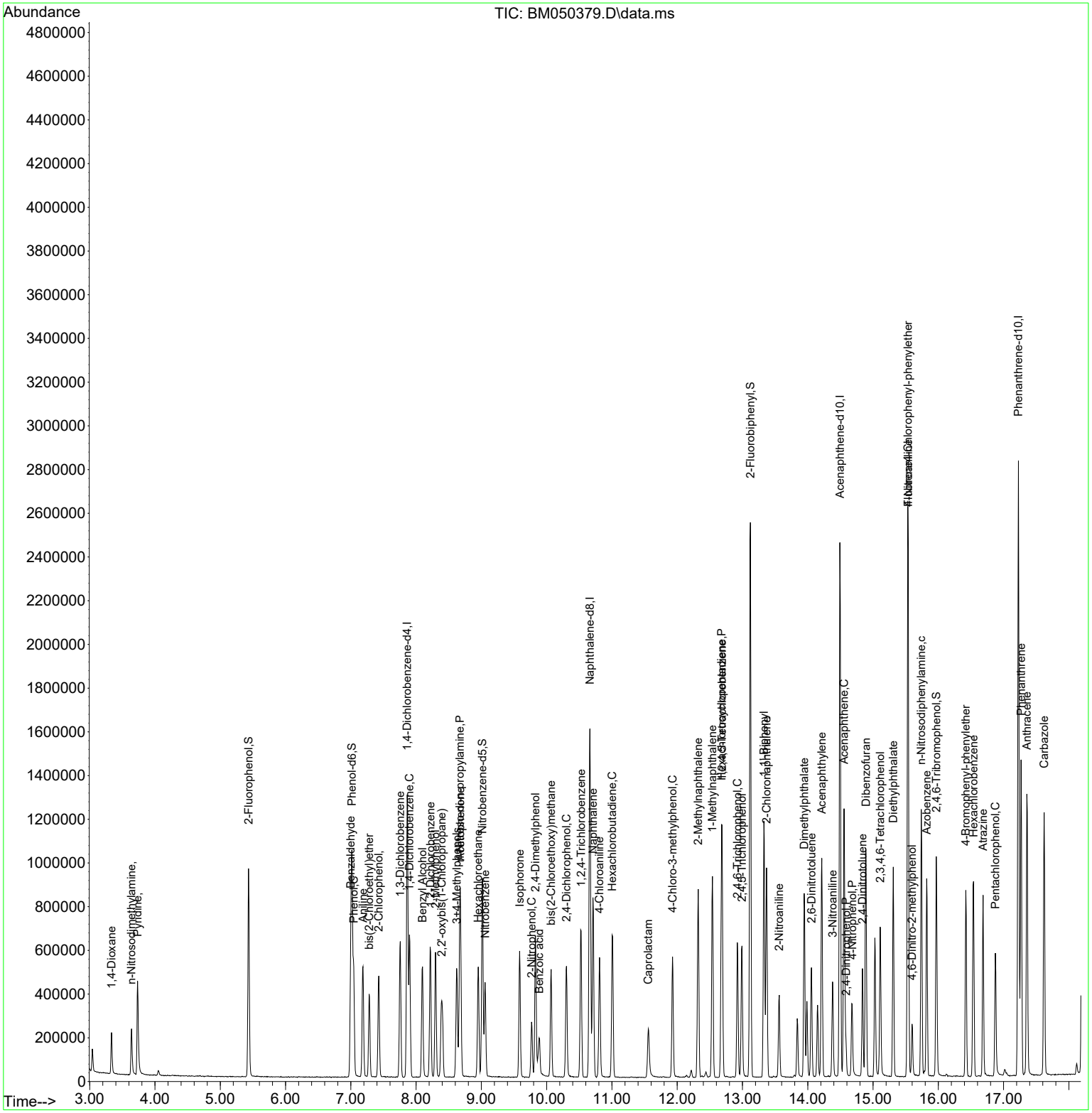
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050379.D
Acq On : 08 Jul 2025 14:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

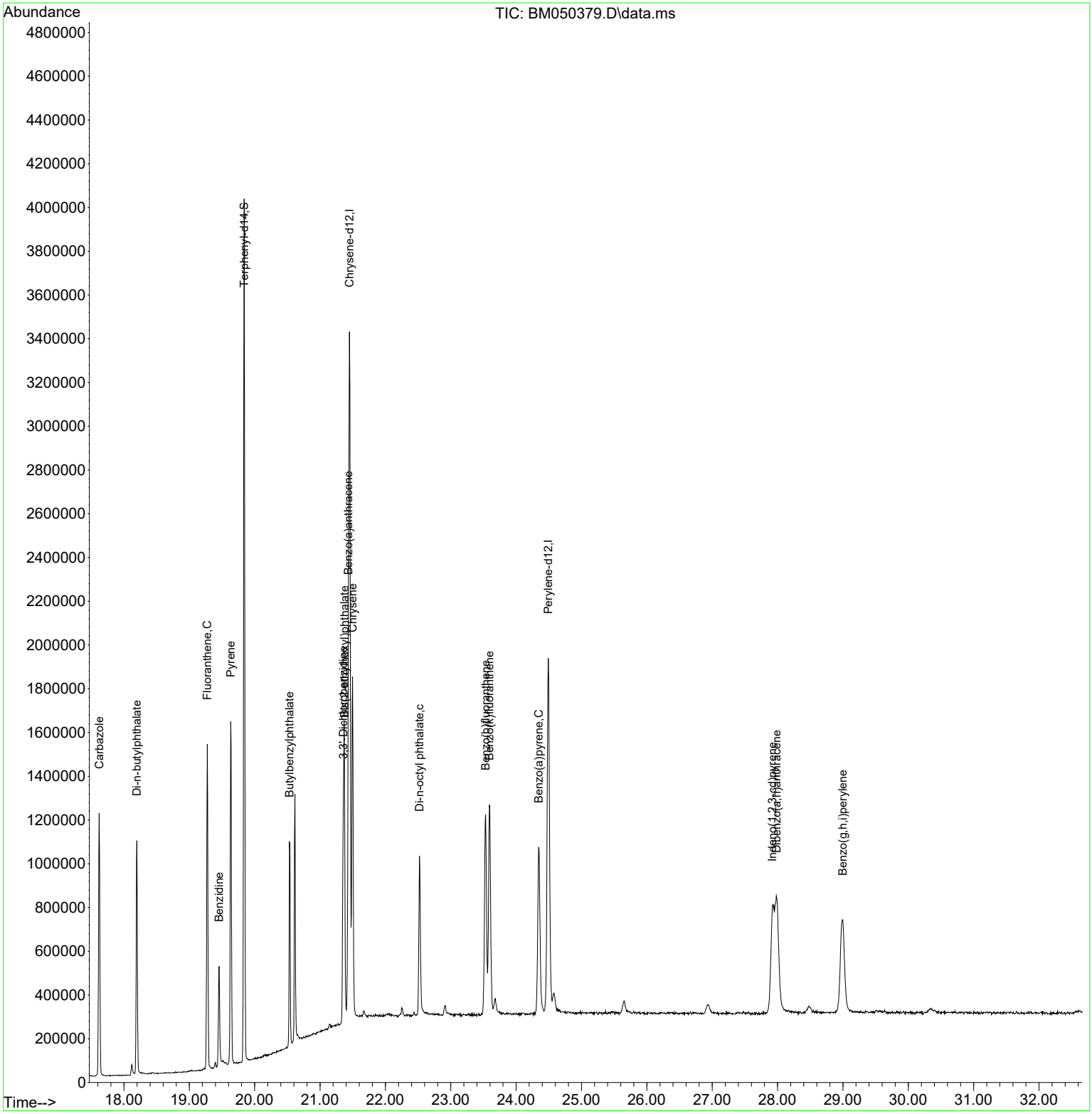
Quant Time: Jul 08 18:20:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

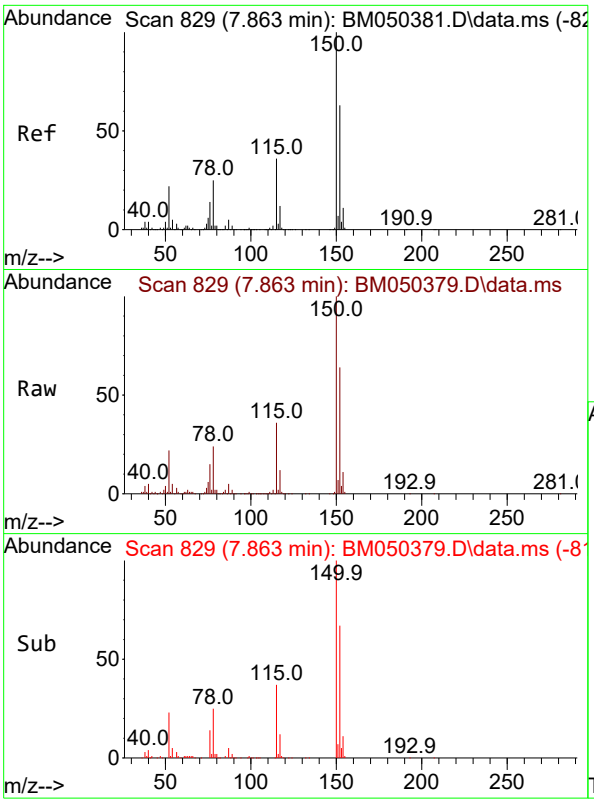


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050379.D
Acq On : 08 Jul 2025 14:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Jul 08 18:20:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



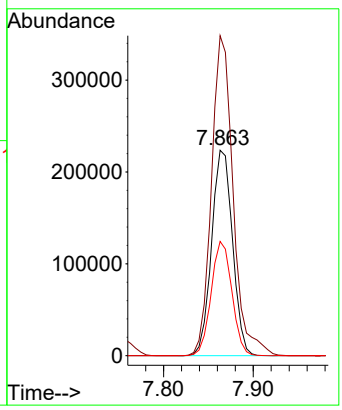


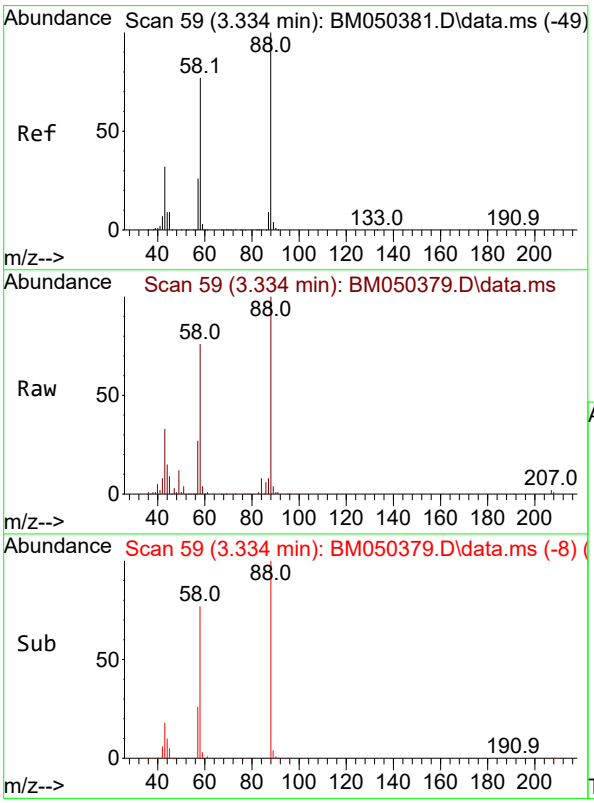
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 361961

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.4
115	55.6	45.8	68.8

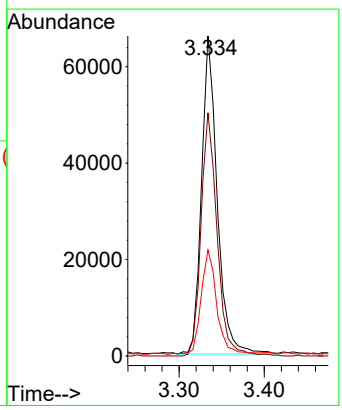


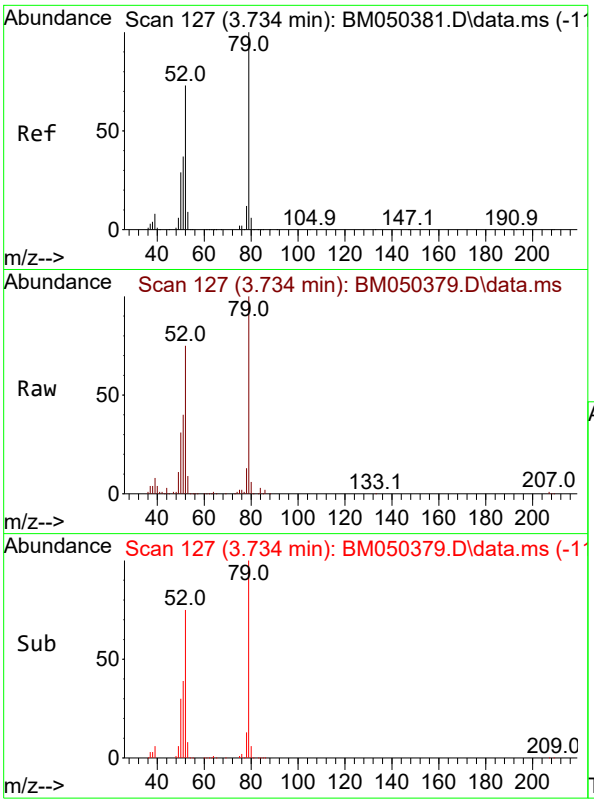


#2
1,4-Dioxane
Concen: 9.752 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 88 Resp: 84322

Ion	Ratio	Lower	Upper
88	100		
58	78.0	61.0	91.6
43	33.0	24.6	37.0



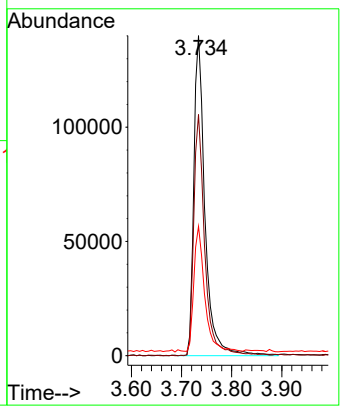


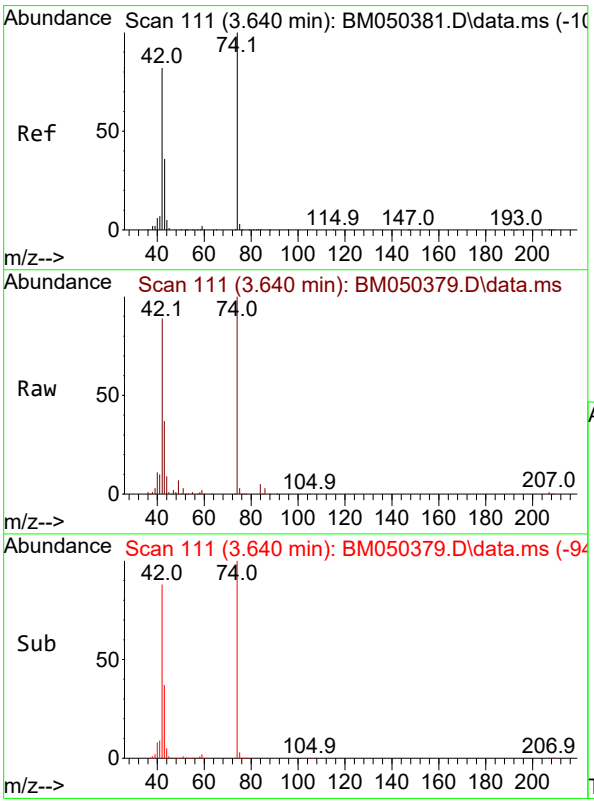
#3
Pyridine
Concen: 9.541 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 216596

Ion	Ratio	Lower	Upper
79	100		
52	75.4	58.3	87.5
51	40.4	29.6	44.4

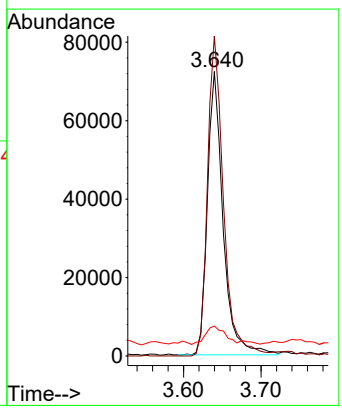


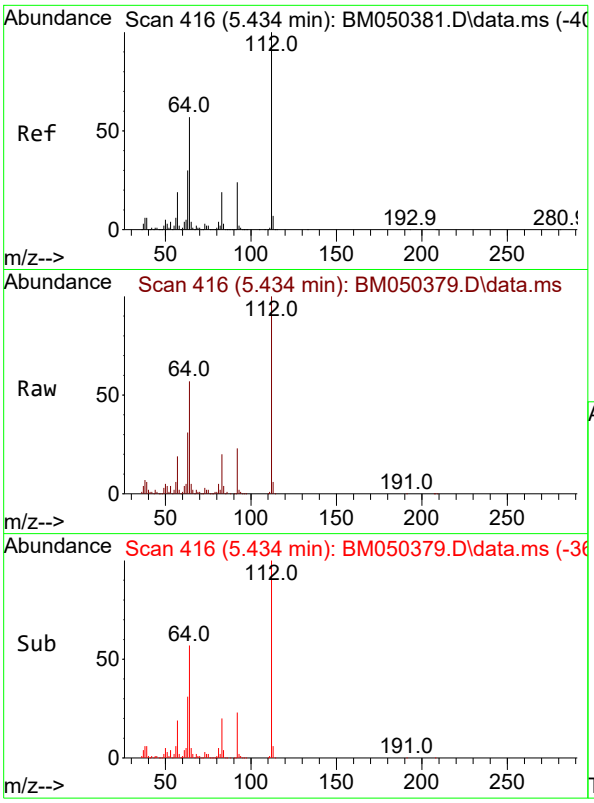


#4
n-Nitrosodimethylamine
Concen: 9.602 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 42 Resp: 101622

Ion	Ratio	Lower	Upper
42	100		
74	112.5	97.5	146.3
44	10.5	5.7	8.5#



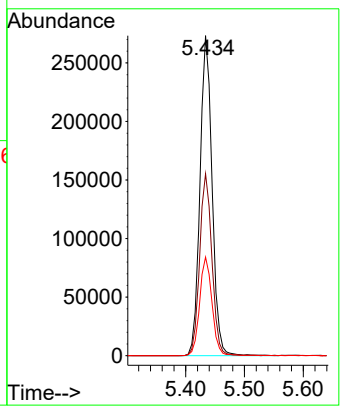


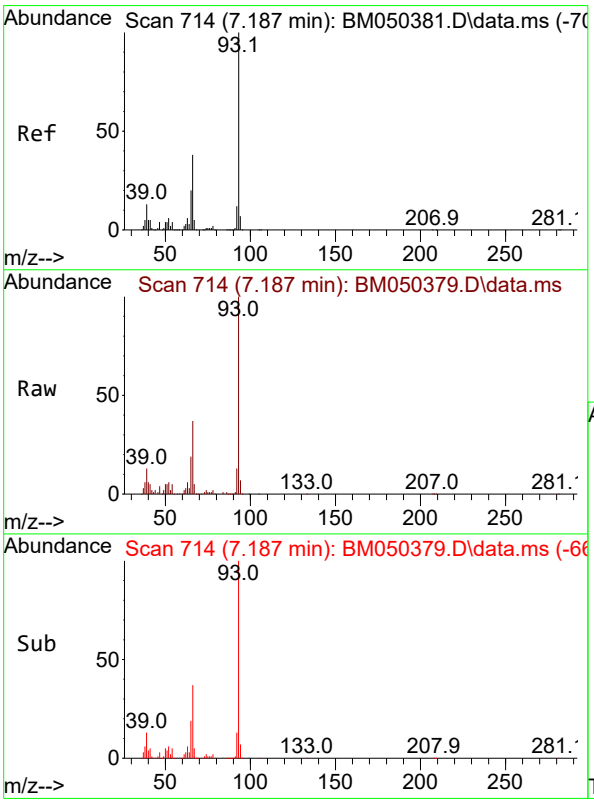
#5
2-Fluorophenol
Concen: 18.566 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 390415

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.5	68.3
63	30.8	24.2	36.4

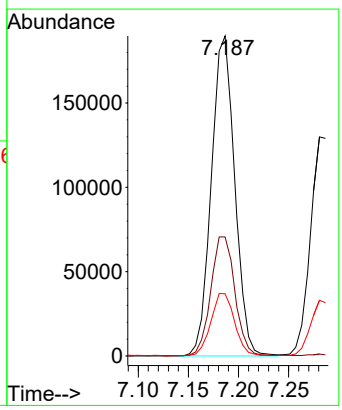


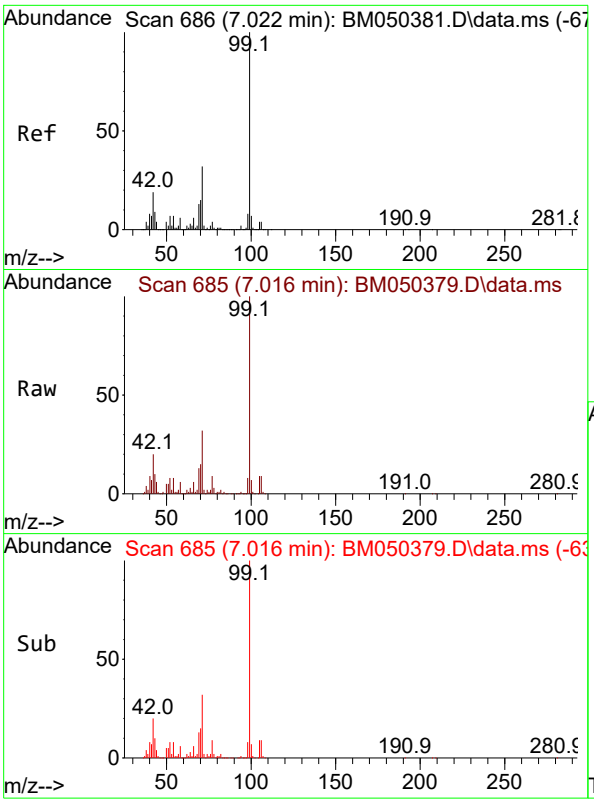


#6
Aniline
Concen: 9.054 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 93 Resp: 308012

Ion	Ratio	Lower	Upper
93	100		
66	37.2	30.5	45.7
65	19.5	15.9	23.9



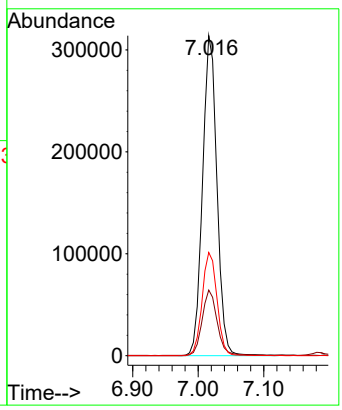


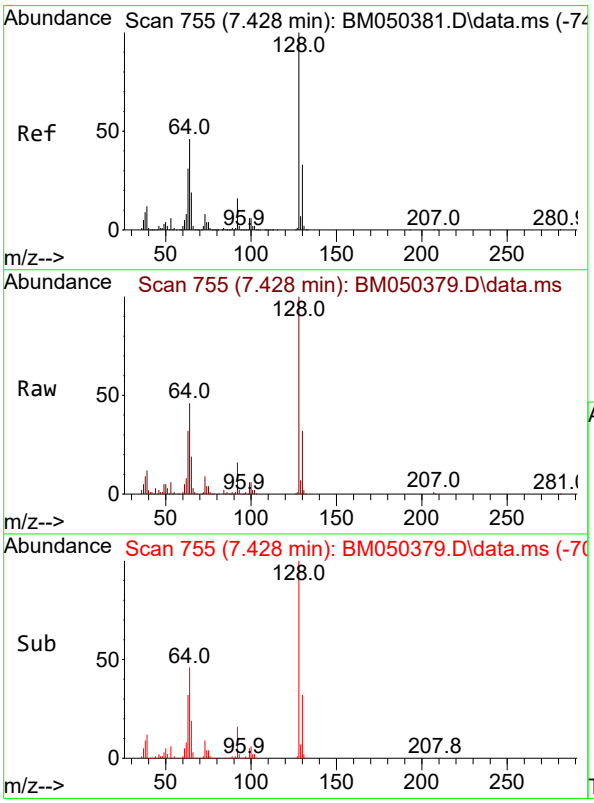
#7
Phenol-d6
Concen: 18.122 ng
RT: 7.016 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 480384

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.0	22.6
71	32.2	25.9	38.9

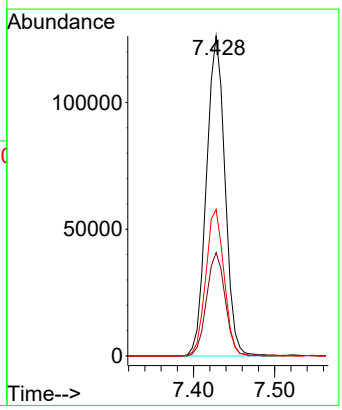


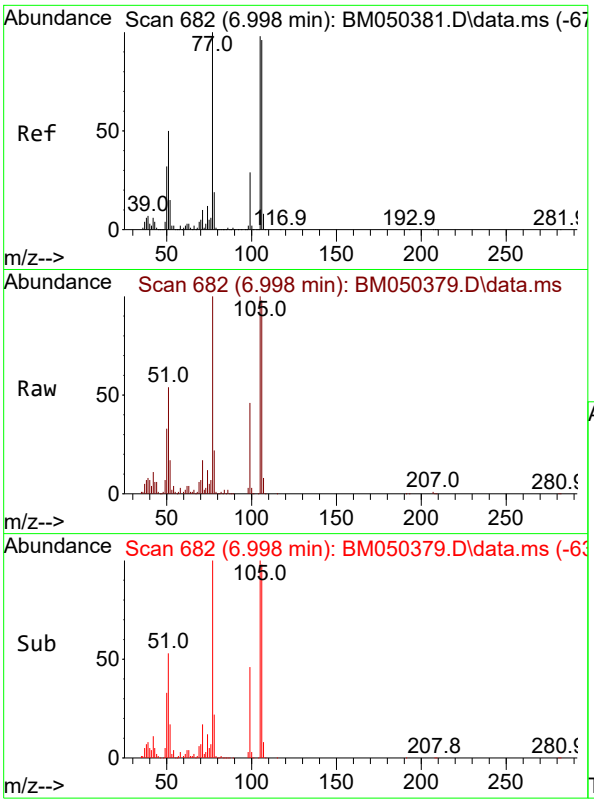


#8
2-Chlorophenol
Concen: 9.022 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:128 Resp: 200037

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.3	53.3
64	45.8	25.6	65.6



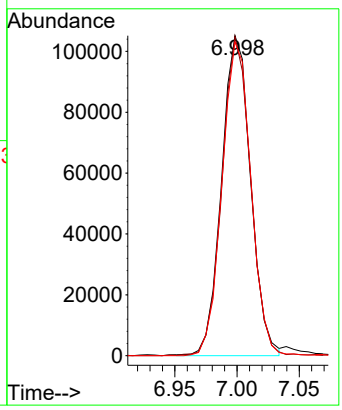


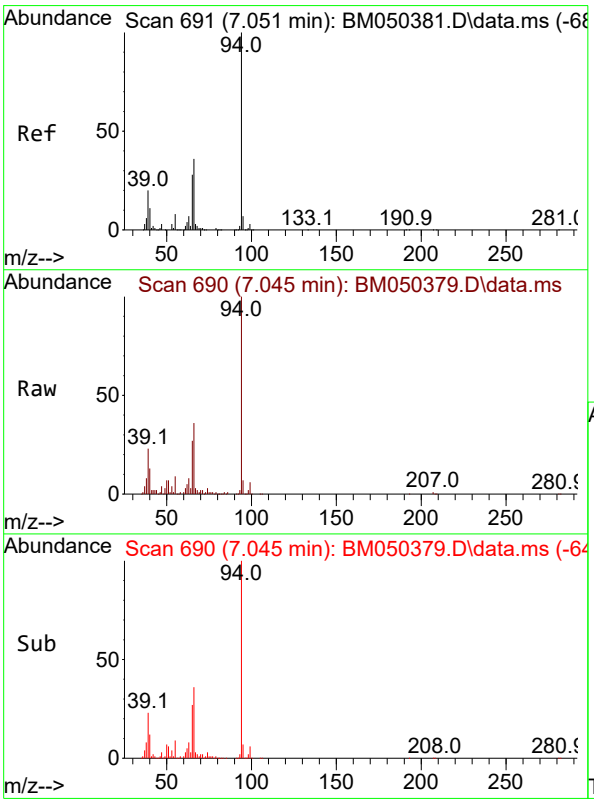
#9
Benzaldehyde
Concen: 10.835 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 170875

Ion	Ratio	Lower	Upper
77	100		
105	99.7	78.4	118.4
106	98.0	76.3	116.3

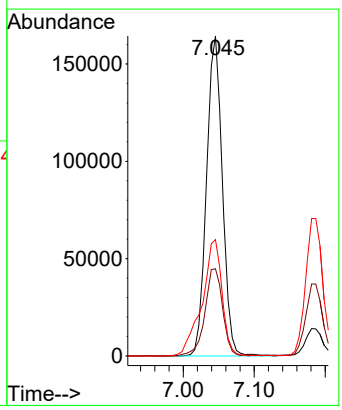


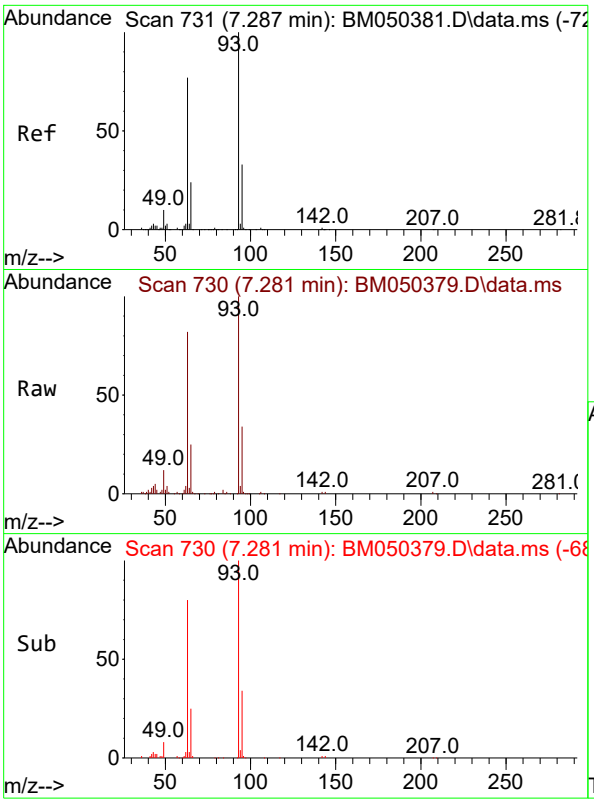


#10
Phenol
Concen: 9.242 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 94 Resp: 255531

Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.1	48.1
66	36.4	15.8	55.8



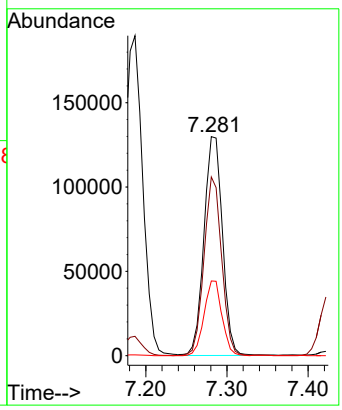


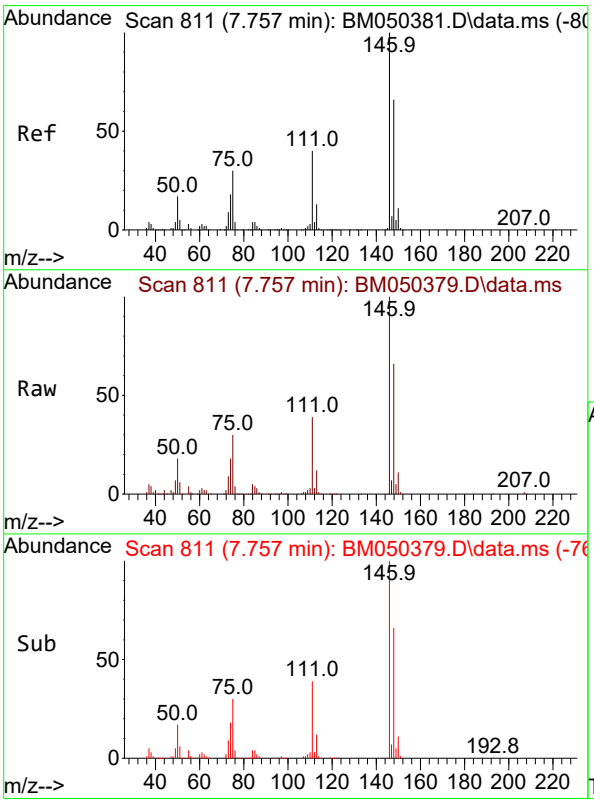
#11
bis(2-Chloroethyl)ether
Concen: 9.265 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 205153

Ion	Ratio	Lower	Upper
93	100		
63	81.6	56.9	96.9
95	34.1	12.6	52.6

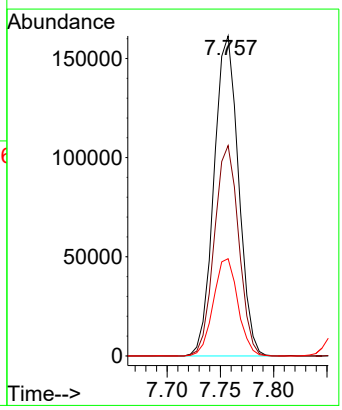


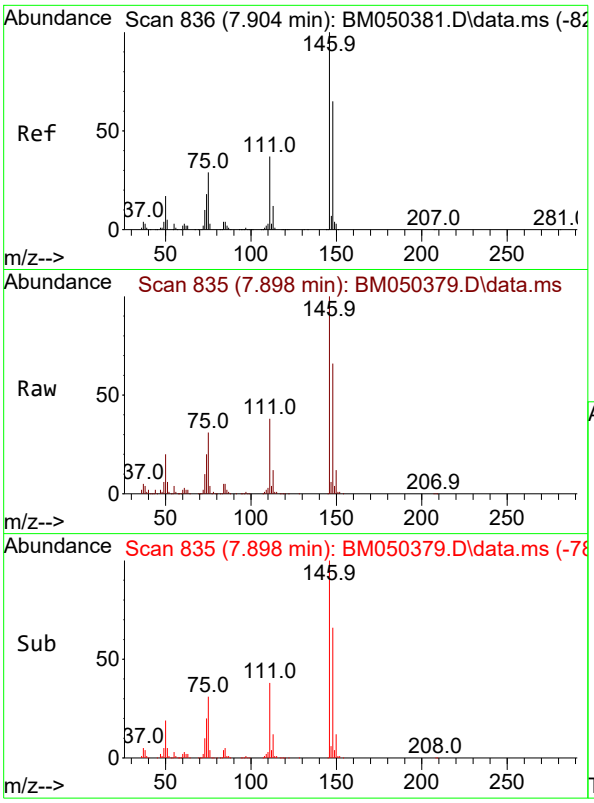


#12
1,3-Dichlorobenzene
Concen: 9.564 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:146 Resp: 257848

Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.2	79.8
75	30.4	23.9	35.9



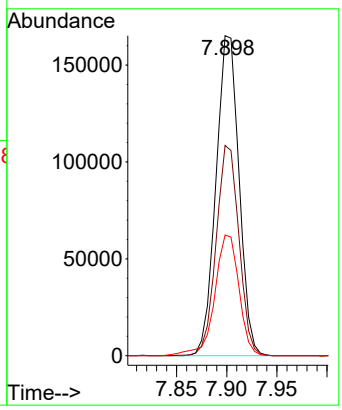


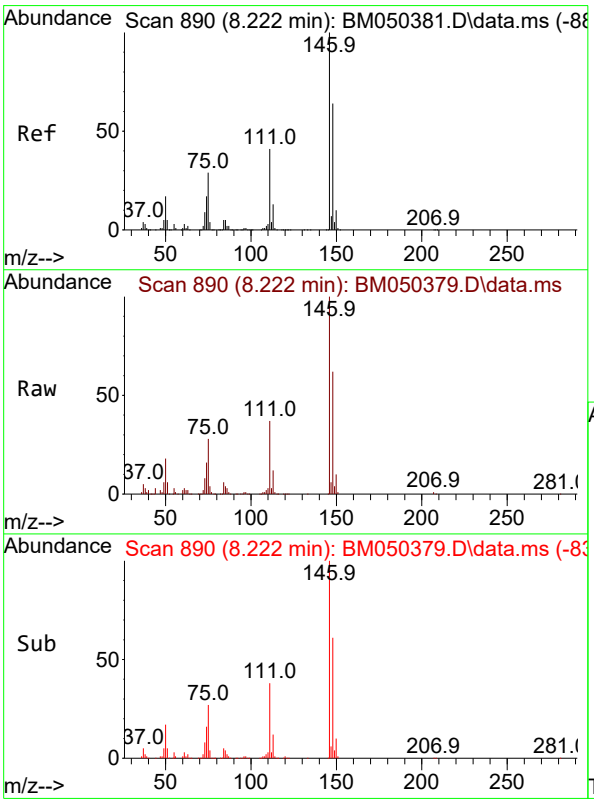
#13
1,4-Dichlorobenzene
Concen: 9.592 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 264062

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
111	37.7	30.0	45.0

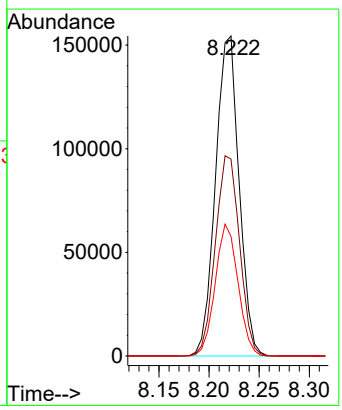


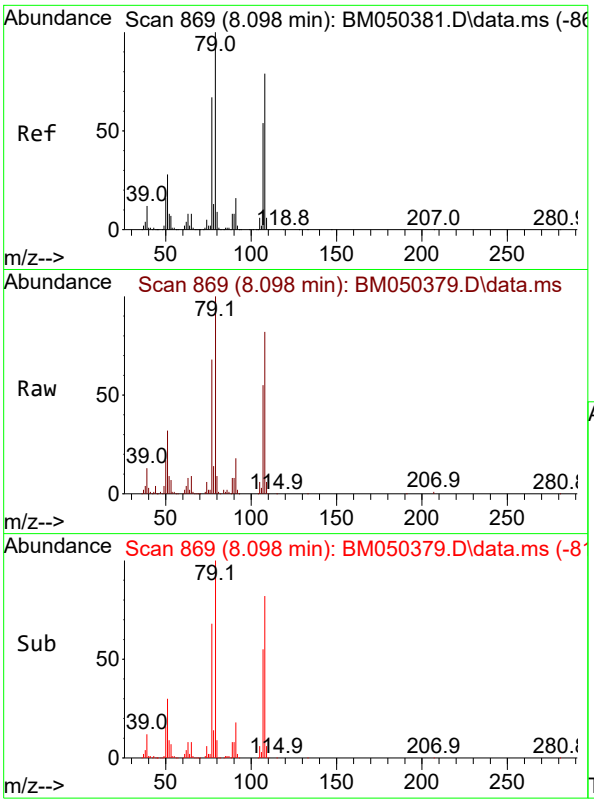


#14
1,2-Dichlorobenzene
Concen: 9.577 ng
RT: 8.222 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:146 Resp: 252415

Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.5	77.3
111	37.4	32.6	49.0



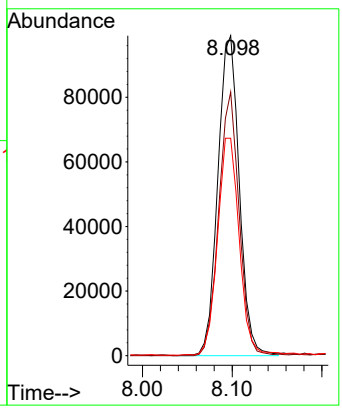


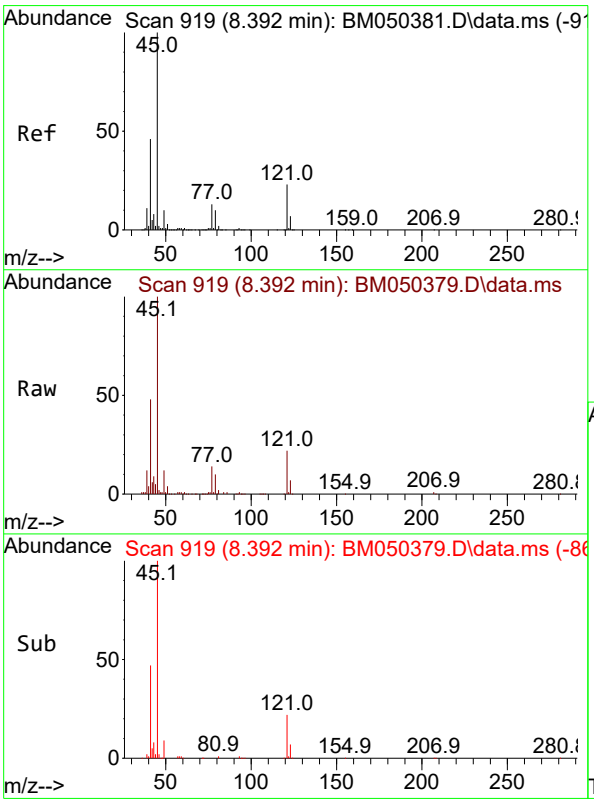
#15
Benzyl Alcohol
Concen: 8.790 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 164181

Ion	Ratio	Lower	Upper
79	100		
108	82.4	63.0	94.4
77	67.9	53.4	80.0

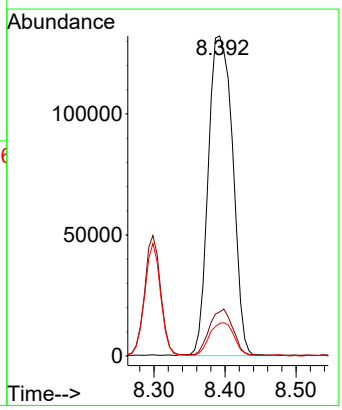


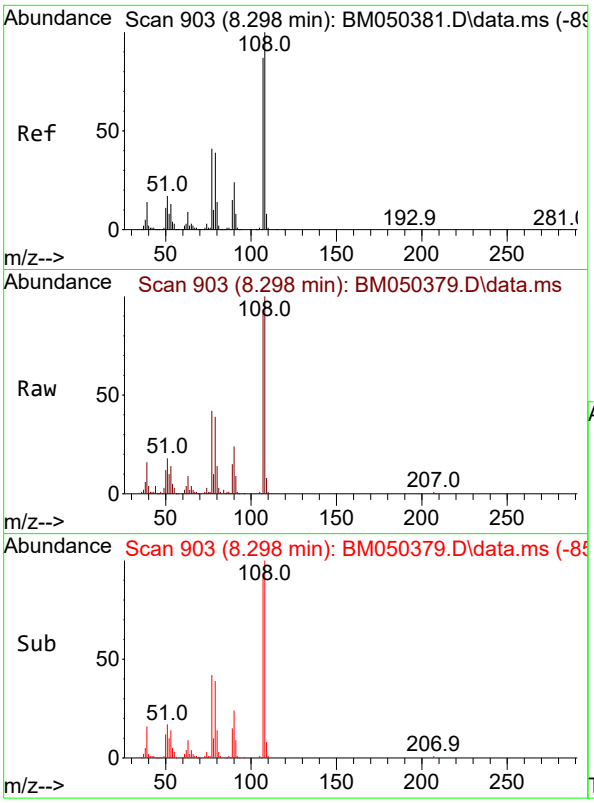


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.659 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 45 Resp: 315036

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.2	0.0	30.3



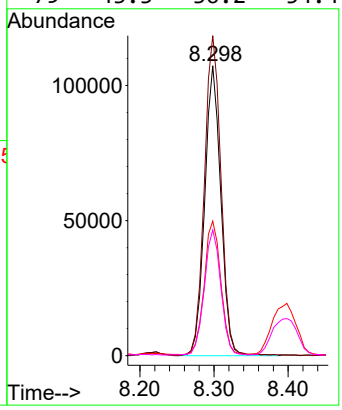


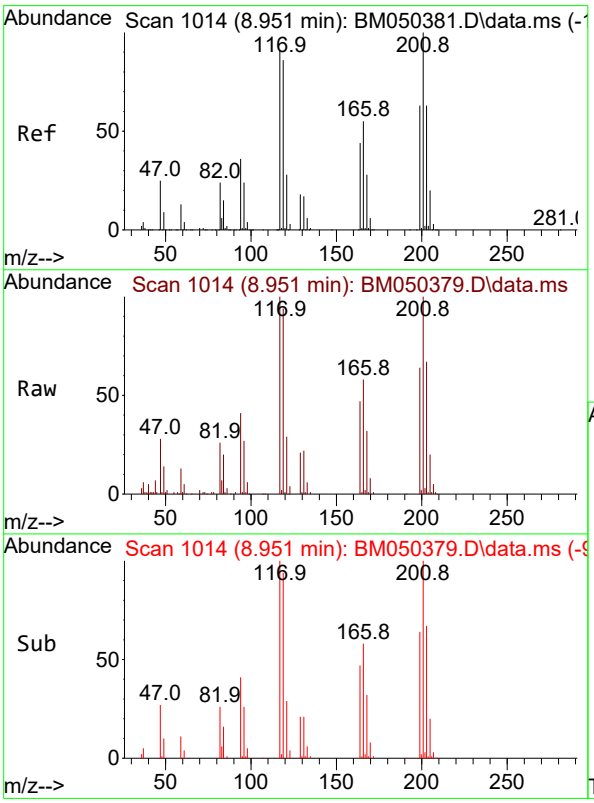
#17
2-Methylphenol
Concen: 9.067 ng
RT: 8.298 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 162594

Ion	Ratio	Lower	Upper
107	100		
108	110.4	92.1	138.1
77	46.4	38.2	57.4
79	43.3	36.2	54.4

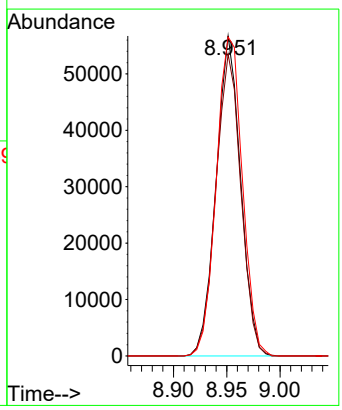


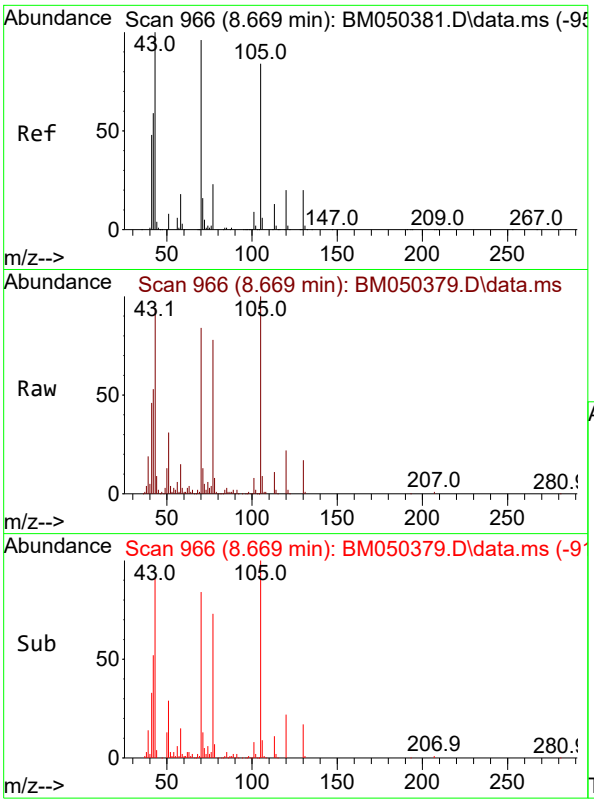


#18
Hexachloroethane
Concen: 9.370 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:117 Resp: 90719

Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.6	113.4
201	99.7	87.9	131.9



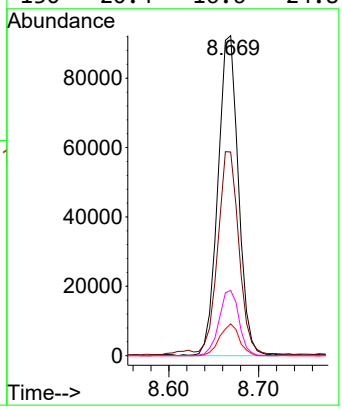


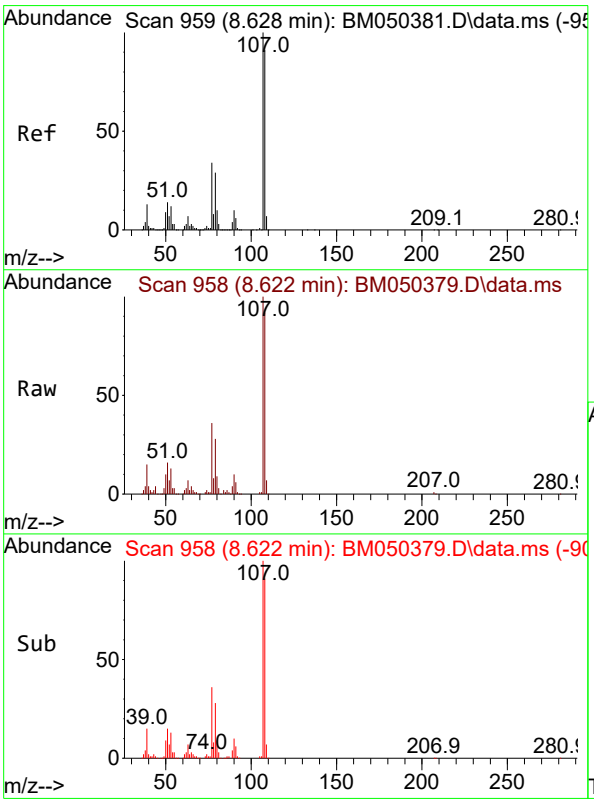
#19
n-Nitroso-di-n-propylamine
Concen: 9.106 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 146225

Ion	Ratio	Lower	Upper
70	100		
42	63.7	49.7	74.5
101	10.0	7.7	11.5
130	20.4	16.6	24.8

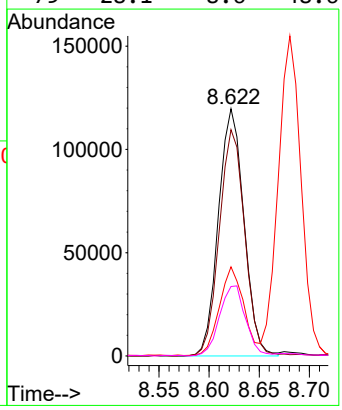


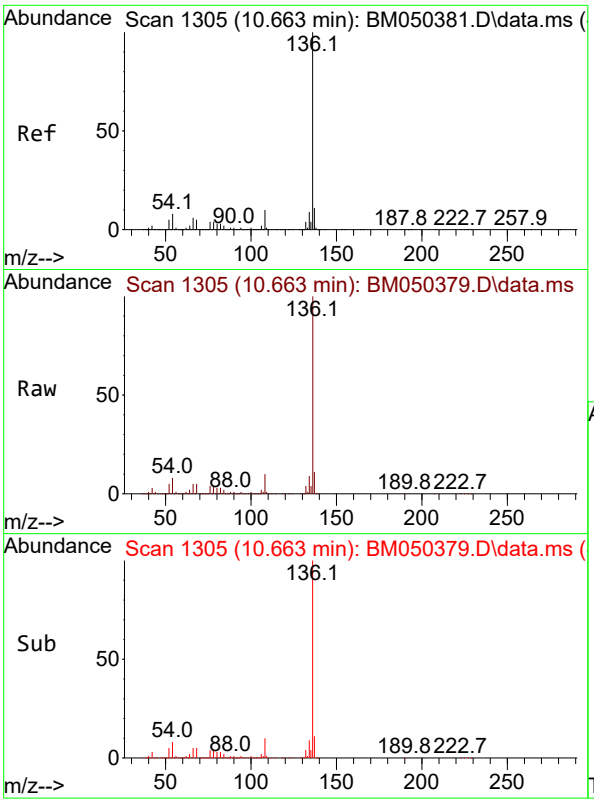


#20
3+4-Methylphenols
Concen: 8.798 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:107 Resp: 211795

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	36.1	13.7	53.7
79	28.1	8.6	48.6



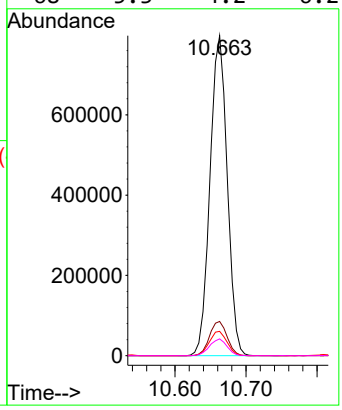


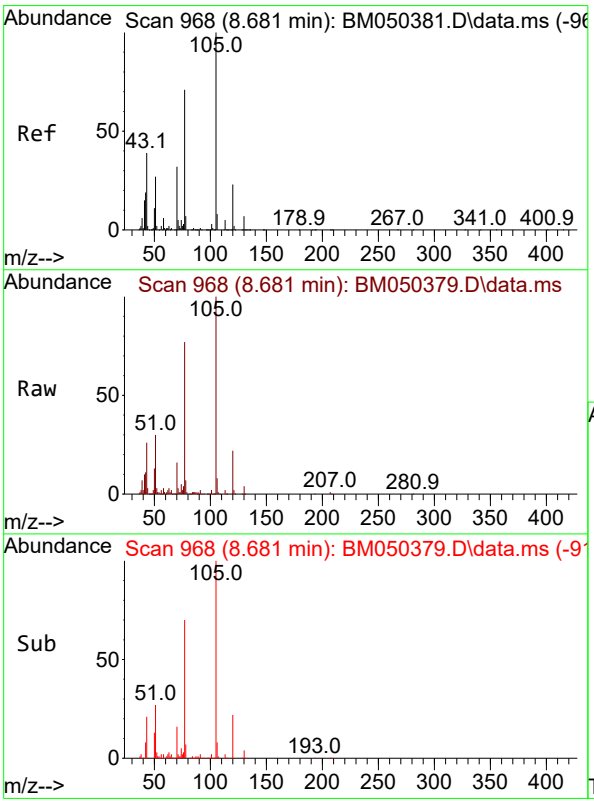
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 1342132

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.6	6.3	9.5
68	5.3	4.2	6.2

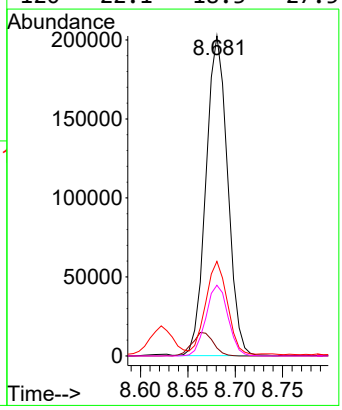


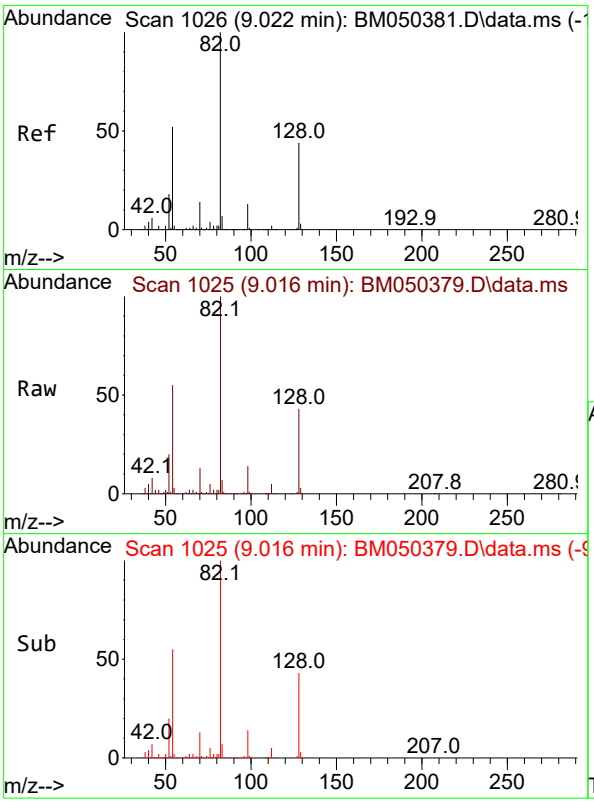


#22
Acetophenone
Concen: 9.576 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:105 Resp: 321333

Ion	Ratio	Lower	Upper
105	100		
71	2.5	4.4	6.6#
51	29.6	23.0	34.6
120	22.1	18.3	27.5



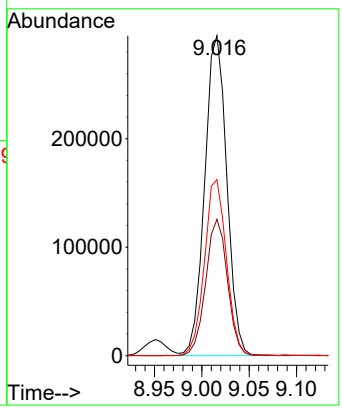


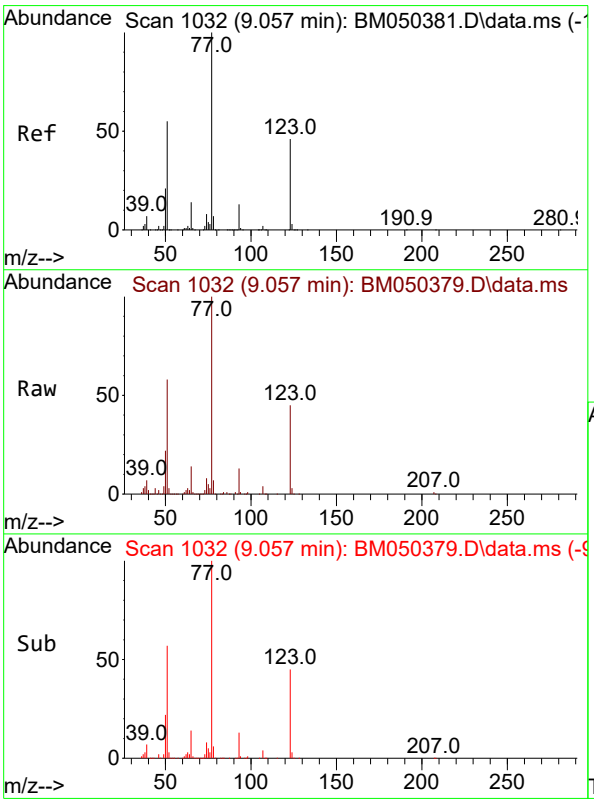
#23
Nitrobenzene-d5
Concen: 18.129 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 476926

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.2	52.8
54	55.0	41.5	62.3

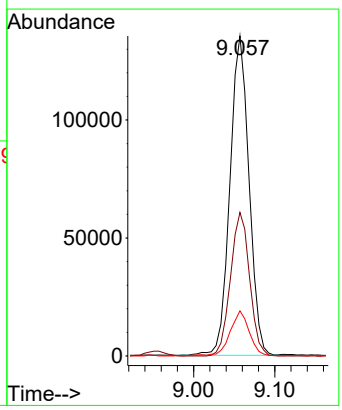


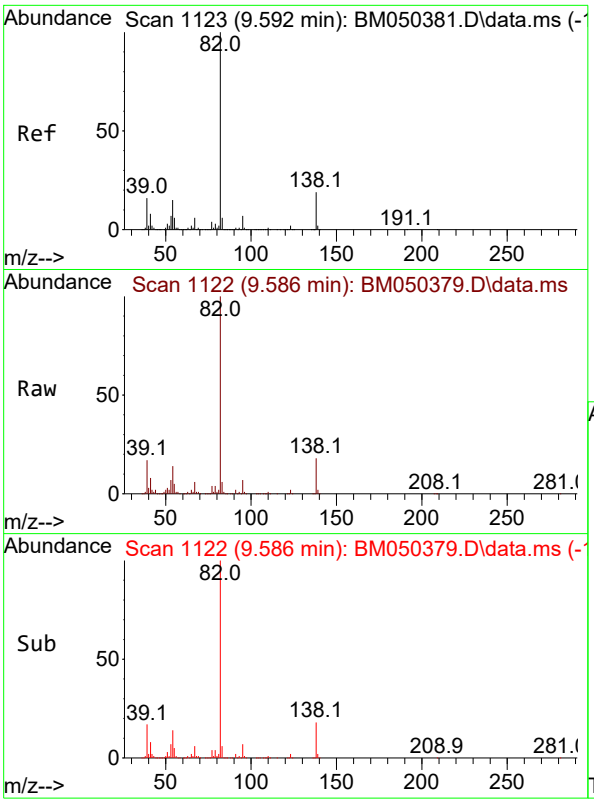


#24
Nitrobenzene
Concen: 9.408 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 77 Resp: 220849

Ion	Ratio	Lower	Upper
77	100		
123	44.8	37.0	55.6
65	14.1	11.0	16.4



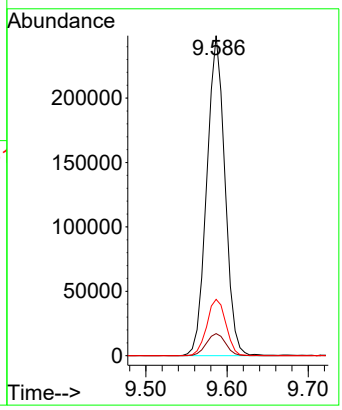


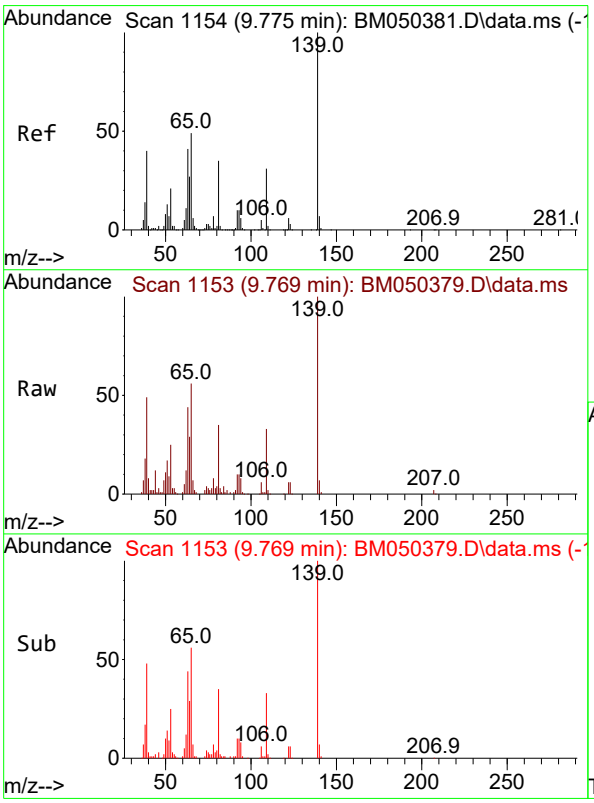
#25
Isophorone
Concen: 9.031 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 385498

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	17.6	15.3	22.9

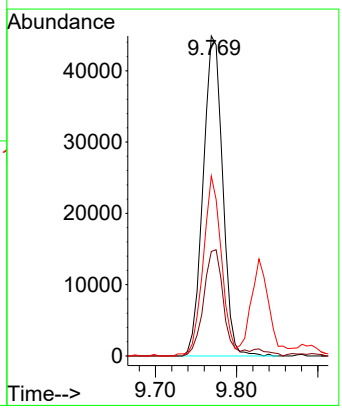


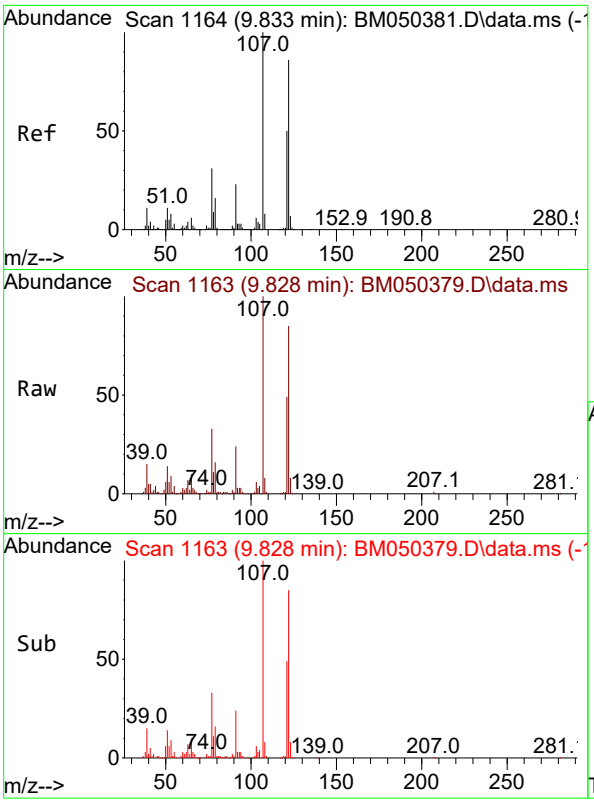


#26
2-Nitrophenol
Concen: 7.822 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:139 Resp: 74836

Ion	Ratio	Lower	Upper
139	100		
109	32.6	24.6	36.8
65	56.3	39.2	58.8



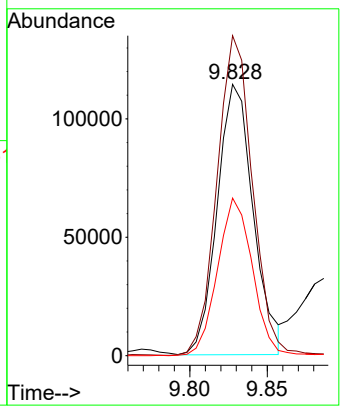


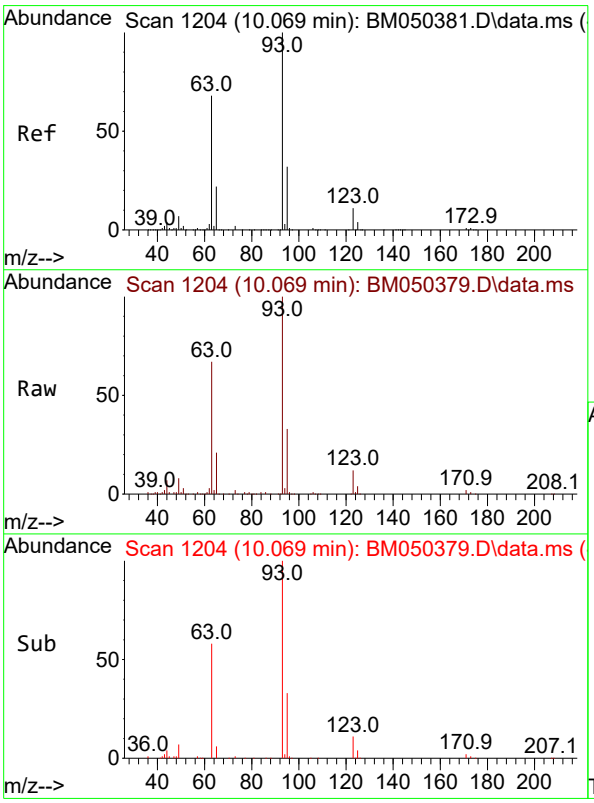
#27
2,4-Dimethylphenol
Concen: 9.073 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 184710

Ion	Ratio	Lower	Upper
122	100		
107	117.9	93.0	139.6
121	58.1	46.1	69.1

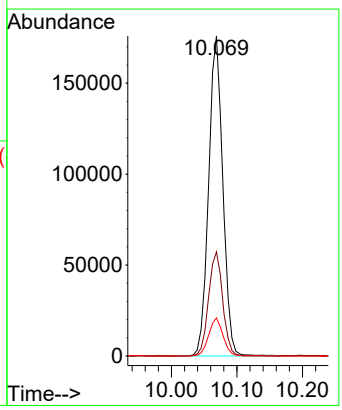


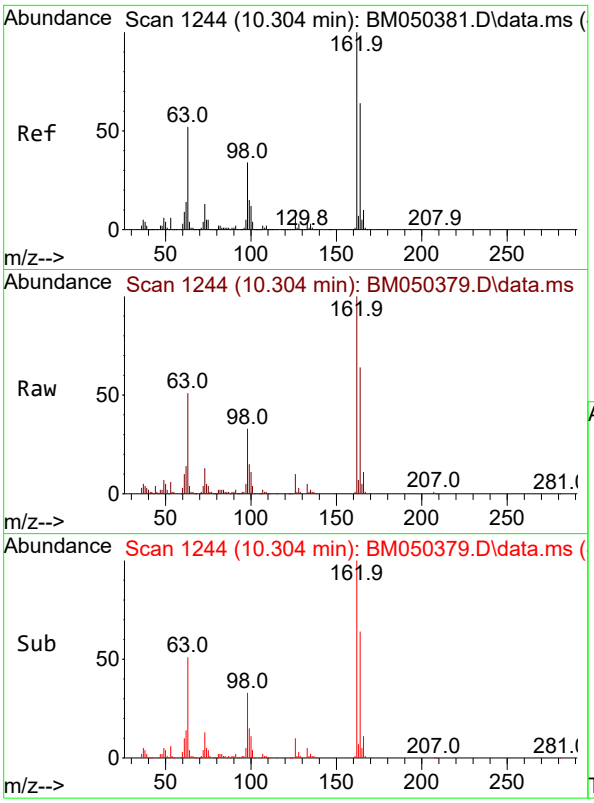


#28
bis(2-Chloroethoxy)methane
Concen: 9.361 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 93 Resp: 264798

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	11.9	9.1	13.7



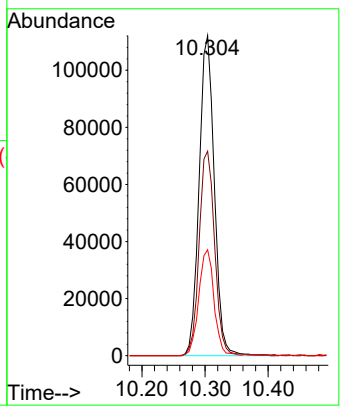


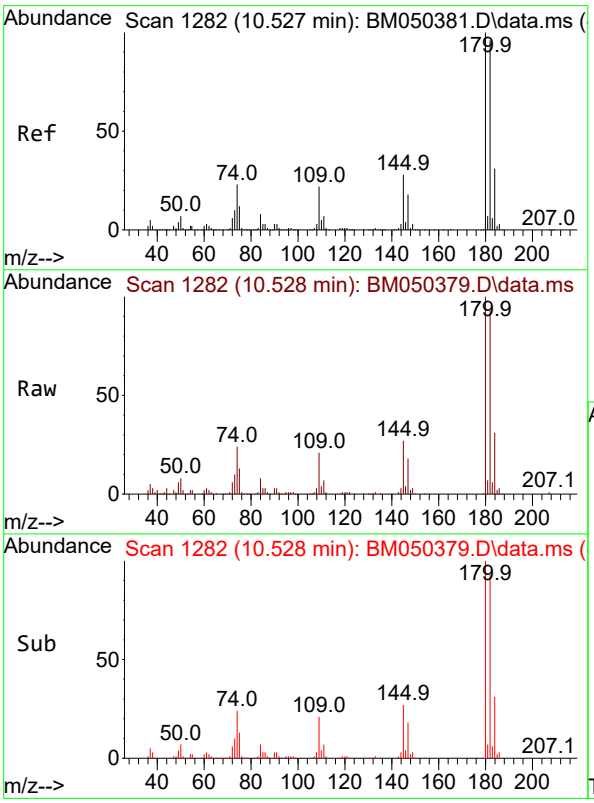
#29
2,4-Dichlorophenol
Concen: 8.961 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 187427

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.7	83.7
98	33.1	13.7	53.7

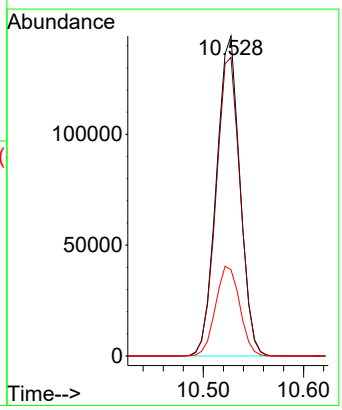


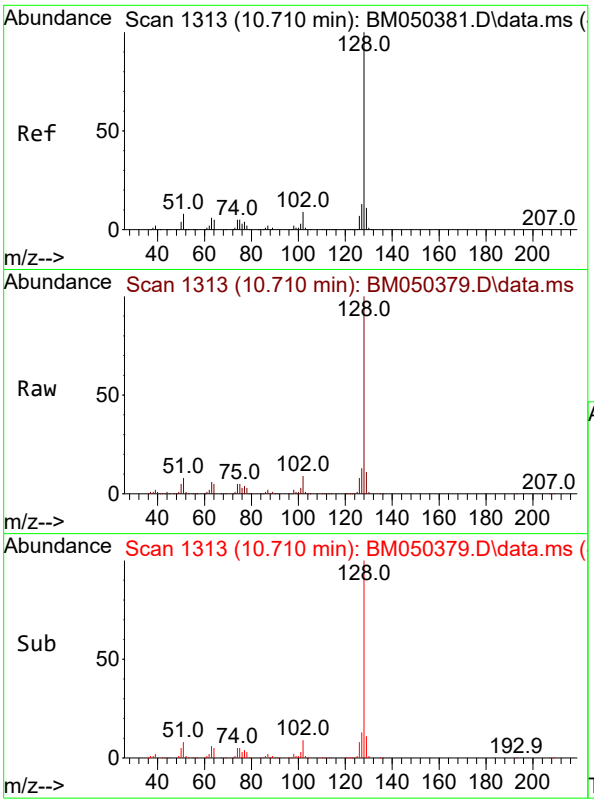


#30
1,2,4-Trichlorobenzene
Concen: 9.364 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:180 Resp: 234305

Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.8	115.2
145	27.0	22.6	33.8



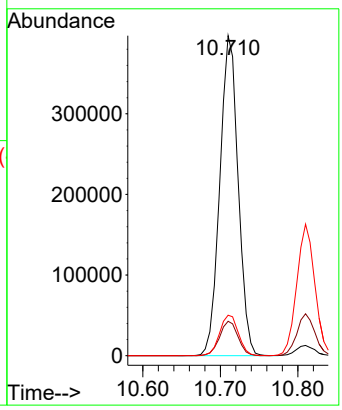


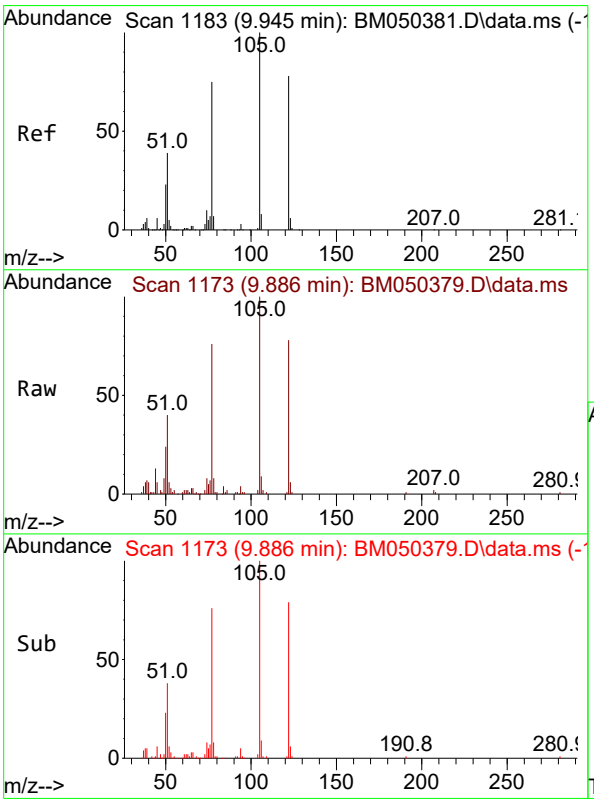
#31
Naphthalene
Concen: 9.593 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 653977

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.7	10.4	15.6

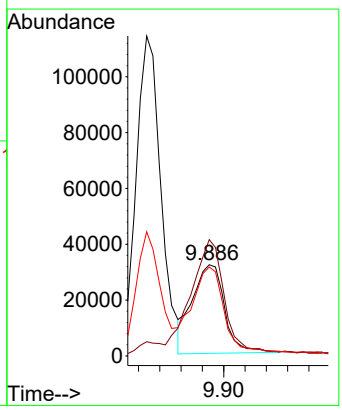


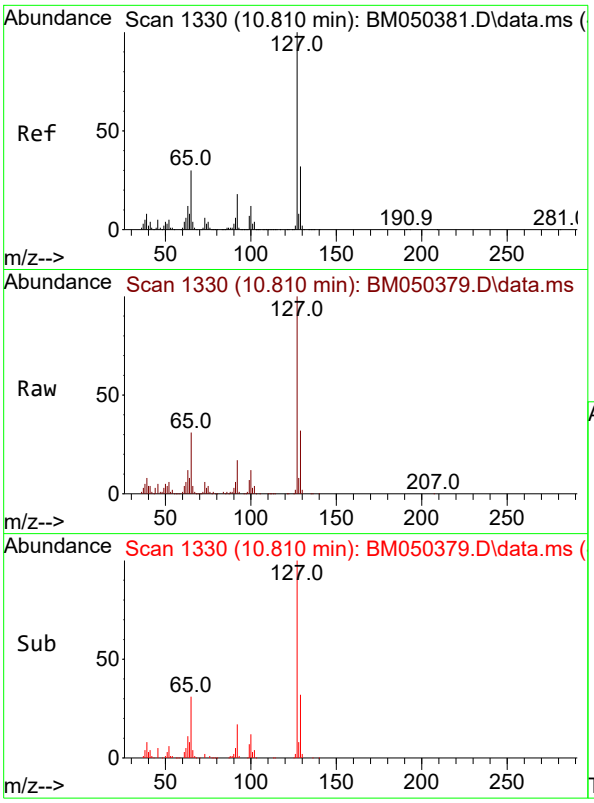


#32
Benzoic acid
Concen: 10.696 ng
RT: 9.886 min Scan# 1173
Delta R.T. -0.059 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:122 Resp: 67388

Ion	Ratio	Lower	Upper
122	100		
105	127.5	104.0	144.0
77	97.5	73.8	113.8



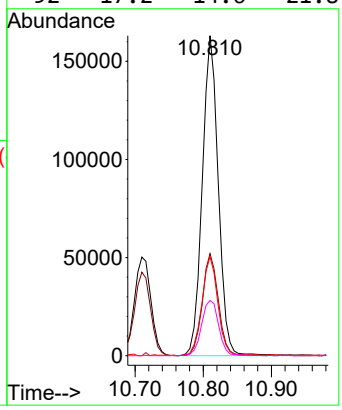


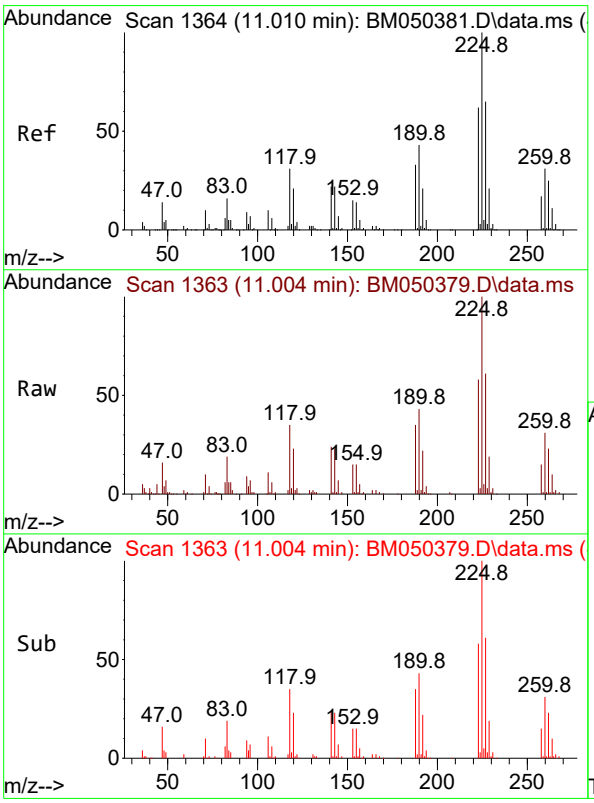
#33
4-Chloroaniline
Concen: 9.240 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 266307

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	31.0	23.9	35.9
92	17.2	14.6	21.8

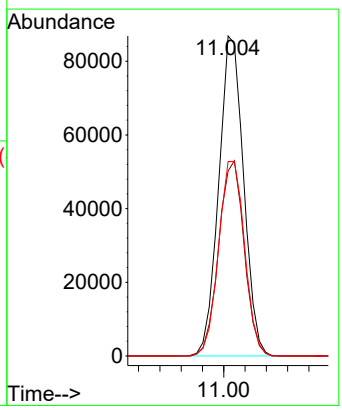


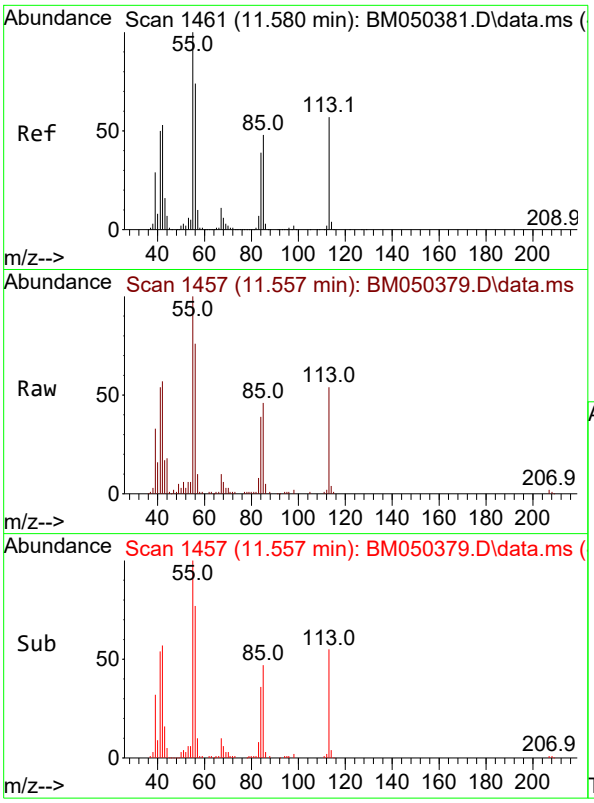


#34
Hexachlorobutadiene
Concen: 9.205 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:225 Resp: 140567

Ion	Ratio	Lower	Upper
225	100		
223	57.8	49.7	74.5
227	60.8	52.1	78.1



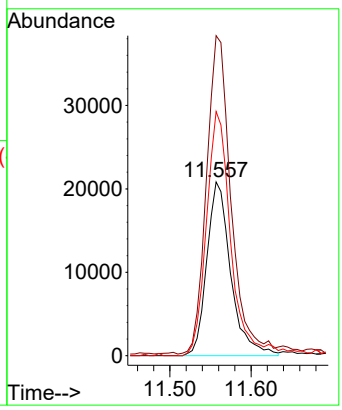


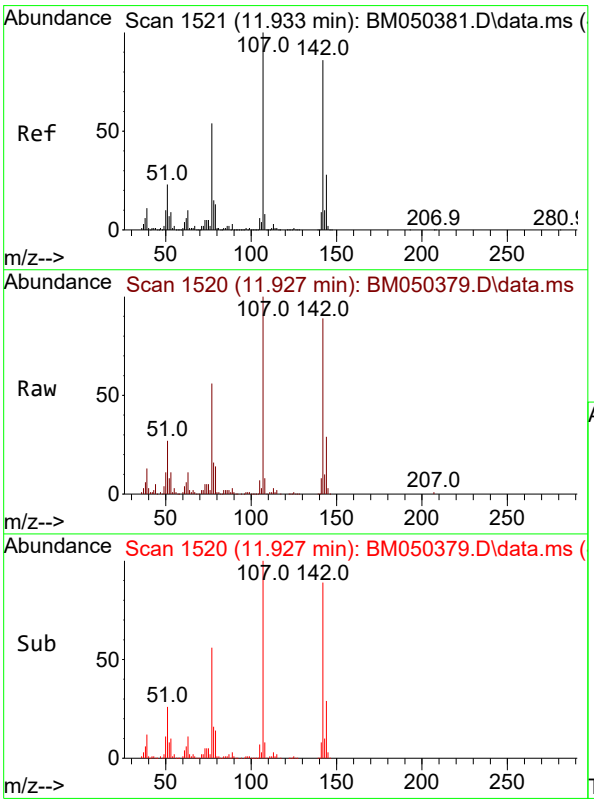
#35
Caprolactam
Concen: 7.474 ng
RT: 11.557 min Scan# 14
Delta R.T. -0.023 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 42675

Ion	Ratio	Lower	Upper
113	100		
55	184.1	157.2	197.2
56	140.5	111.7	151.7

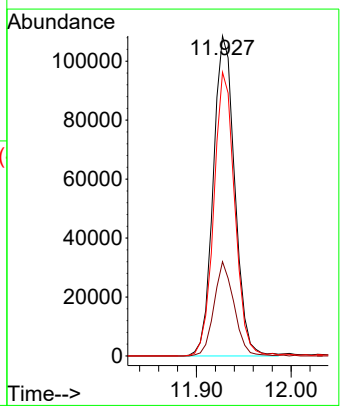


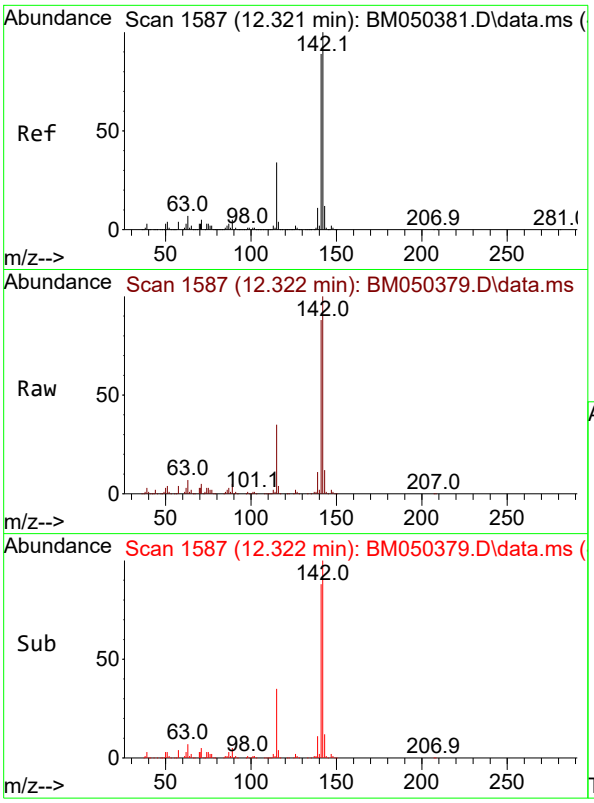


#36
4-Chloro-3-methylphenol
Concen: 8.781 ng
RT: 11.927 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:107 Resp: 171511

Ion	Ratio	Lower	Upper
107	100		
144	29.5	22.2	33.4
142	88.7	68.7	103.1



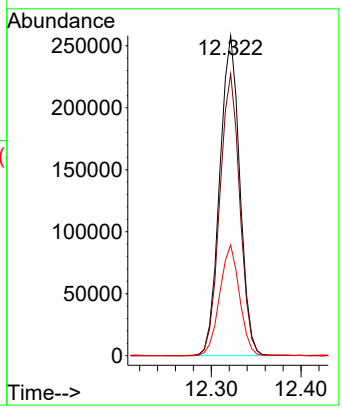


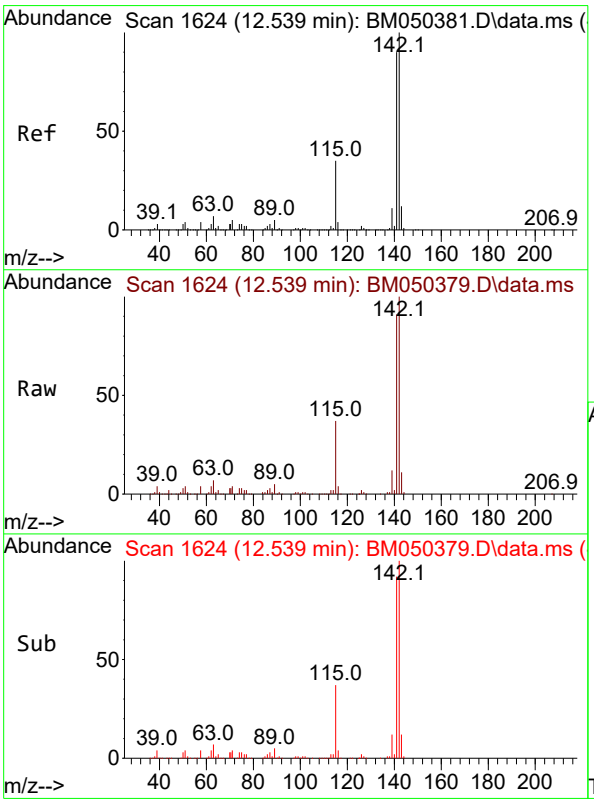
#37
2-Methylnaphthalene
Concen: 9.283 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 399569

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	34.6	27.0	40.4

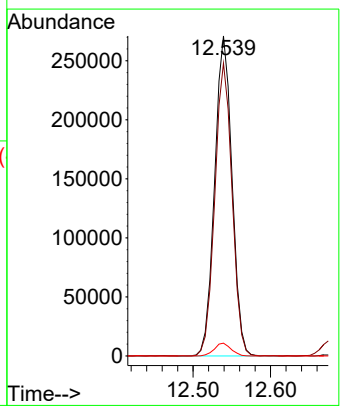


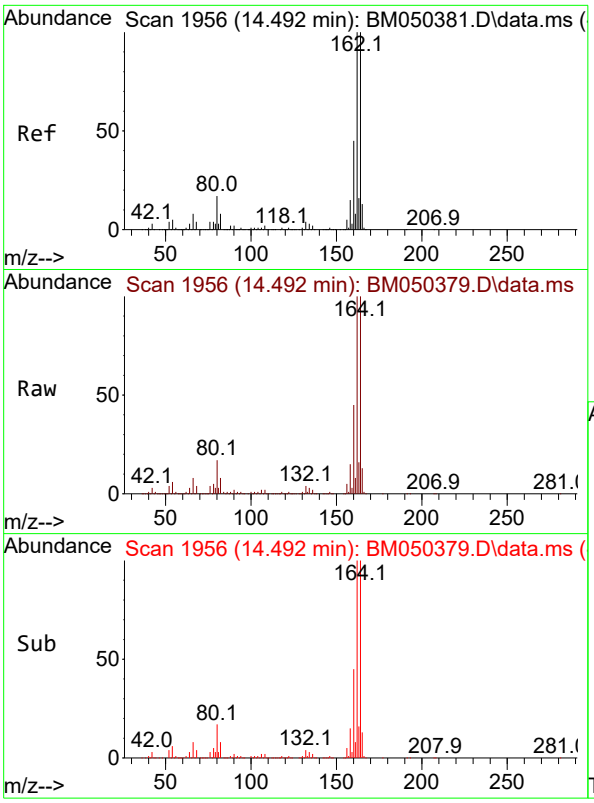


#38
1-Methylnaphthalene
Concen: 9.267 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:142 Resp: 422148

Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
116	4.0	3.0	4.6



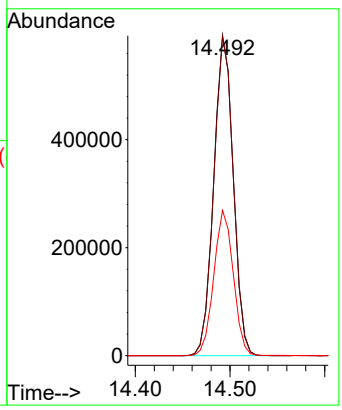


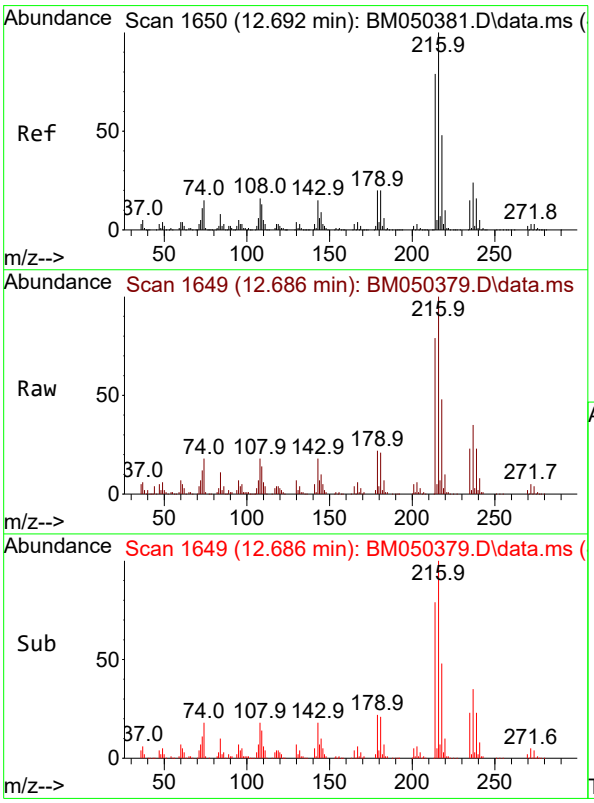
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 846249

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.9	119.9
160	45.4	36.2	54.4

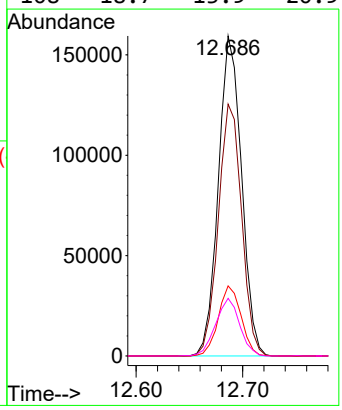


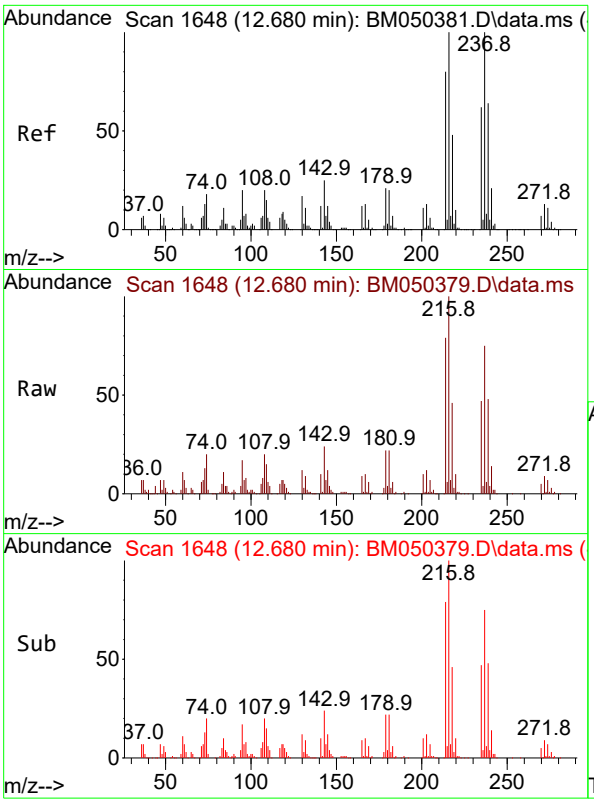


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.952 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:216 Resp: 240904

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	21.5	16.4	24.6
108	18.7	13.9	20.9



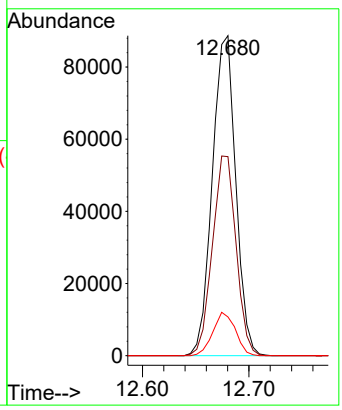


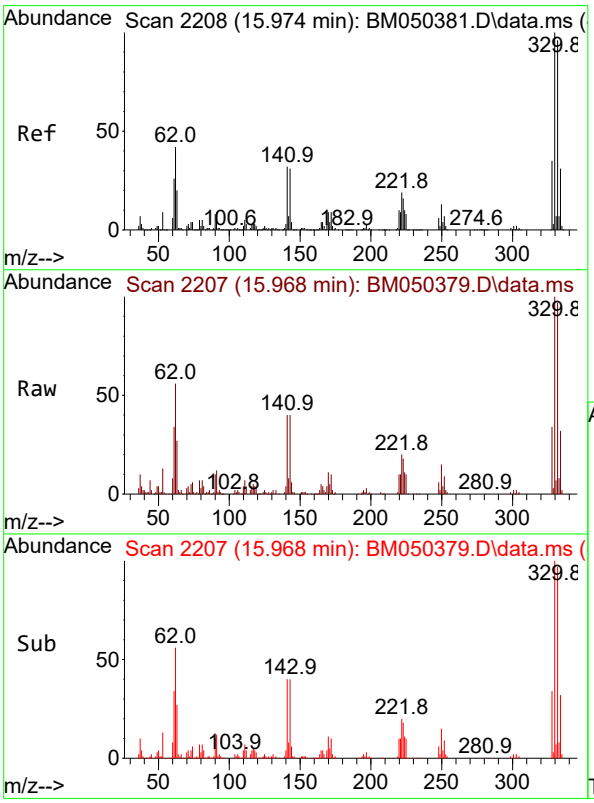
#41
Hexachlorocyclopentadiene
Concen: 7.881 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 135571

Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.3	82.3
272	12.1	0.0	33.0

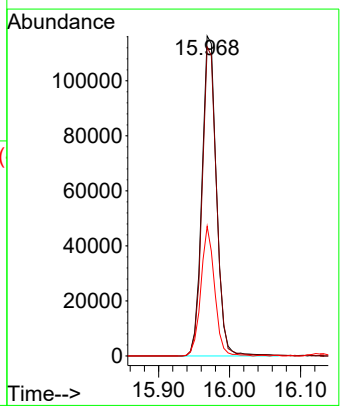


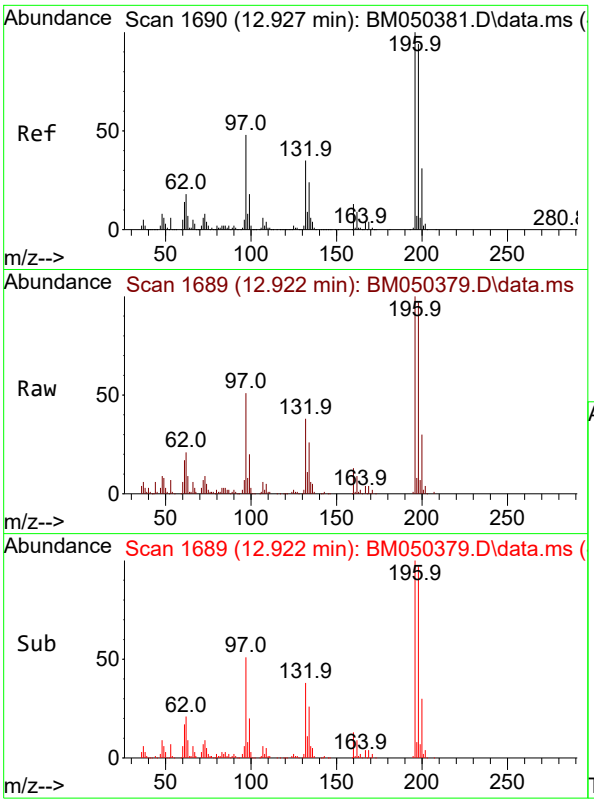


#42
2,4,6-Tribromophenol
Concen: 16.086 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:330 Resp: 165401

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	38.3	27.4	41.0



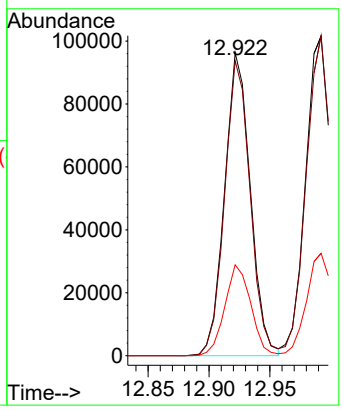


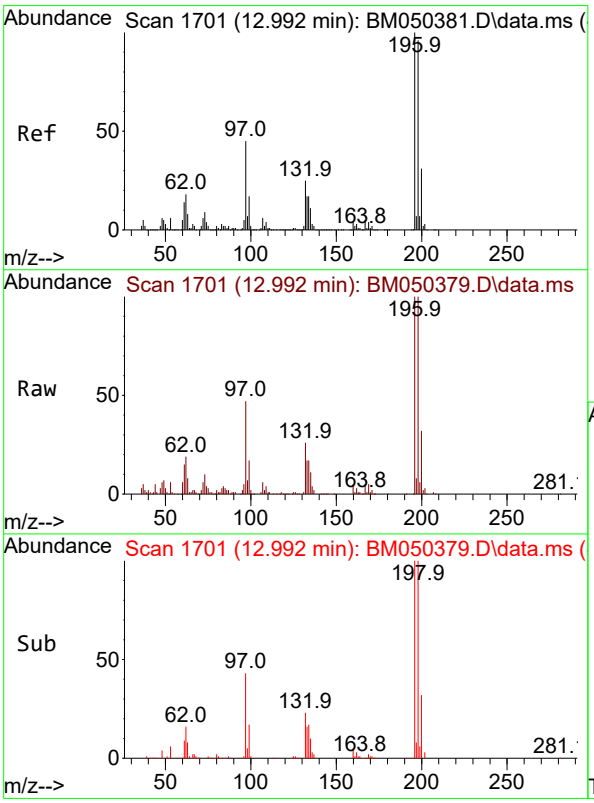
#43
2,4,6-Trichlorophenol
Concen: 8.560 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 141791

Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.1	112.7
200	30.0	24.6	37.0

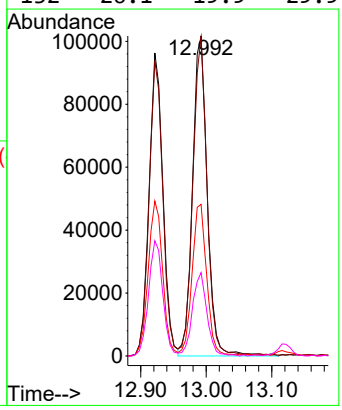


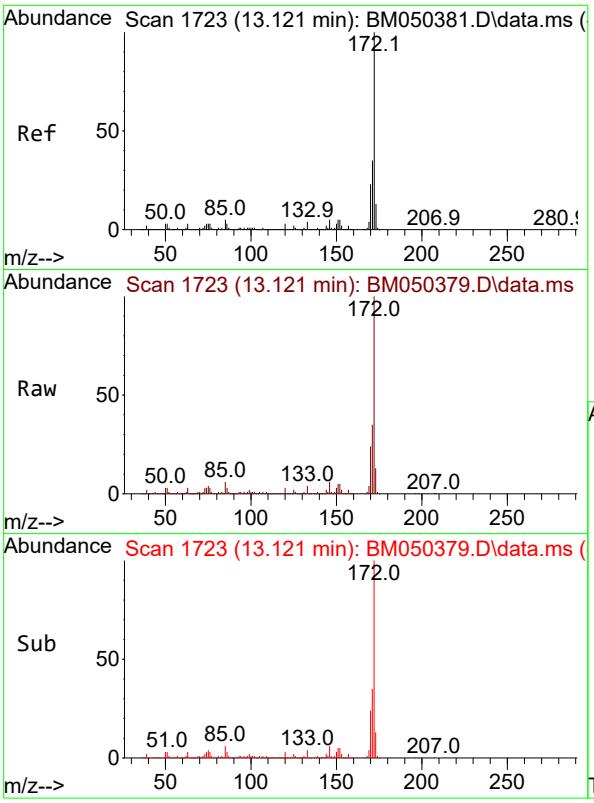


#44
2,4,5-Trichlorophenol
Concen: 8.792 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:196 Resp: 159049

Ion	Ratio	Lower	Upper
196	100		
198	100.1	77.2	115.8
97	47.5	36.2	54.4
132	26.1	19.9	29.9



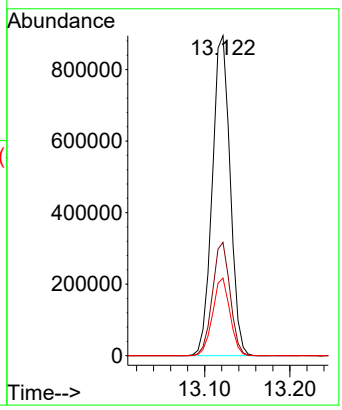


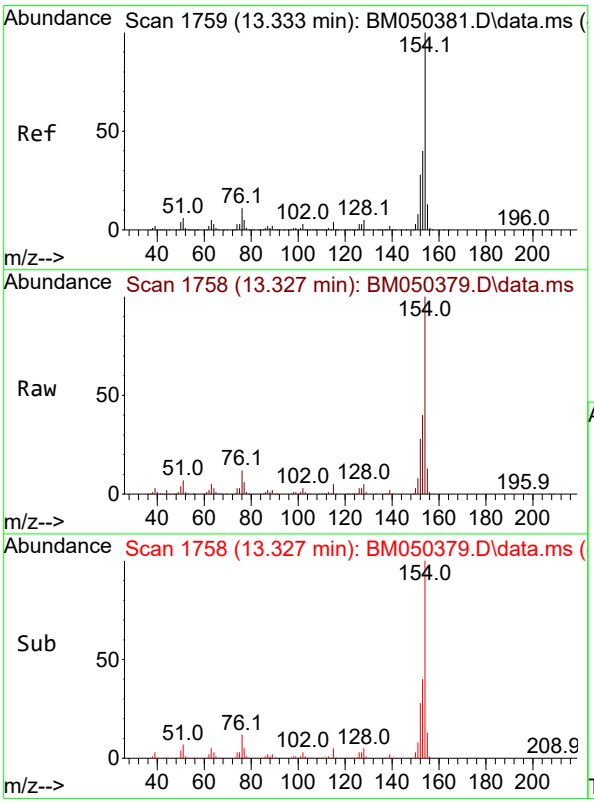
#45
2-Fluorobiphenyl
Concen: 18.996 ng
RT: 13.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 1301714

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.7	41.5
170	24.3	18.8	28.2

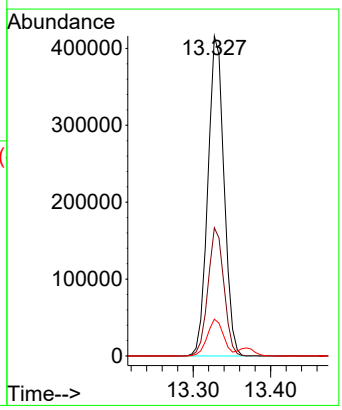


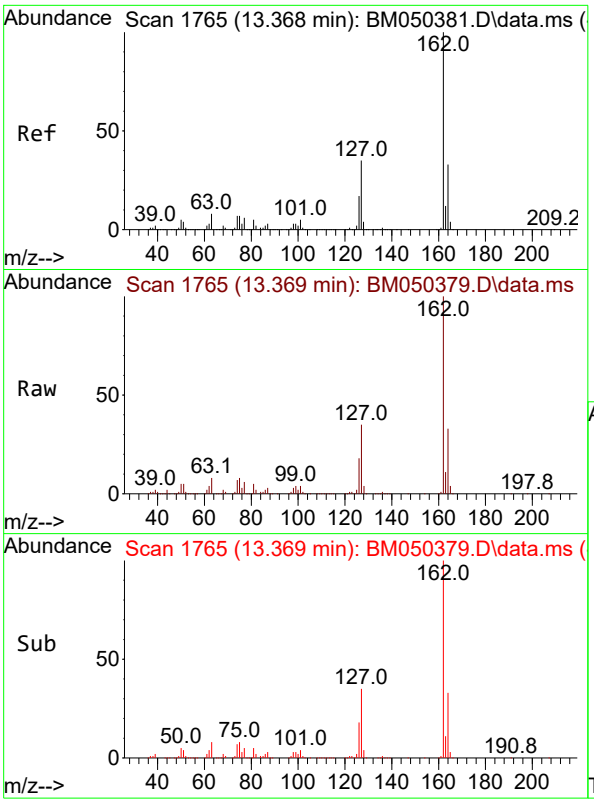


#46
1,1'-Biphenyl
Concen: 9.562 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:154 Resp: 600373

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.7	59.7
76	11.5	0.0	30.9



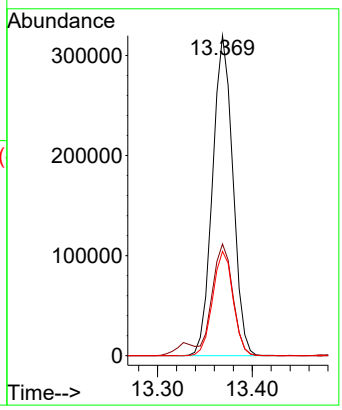


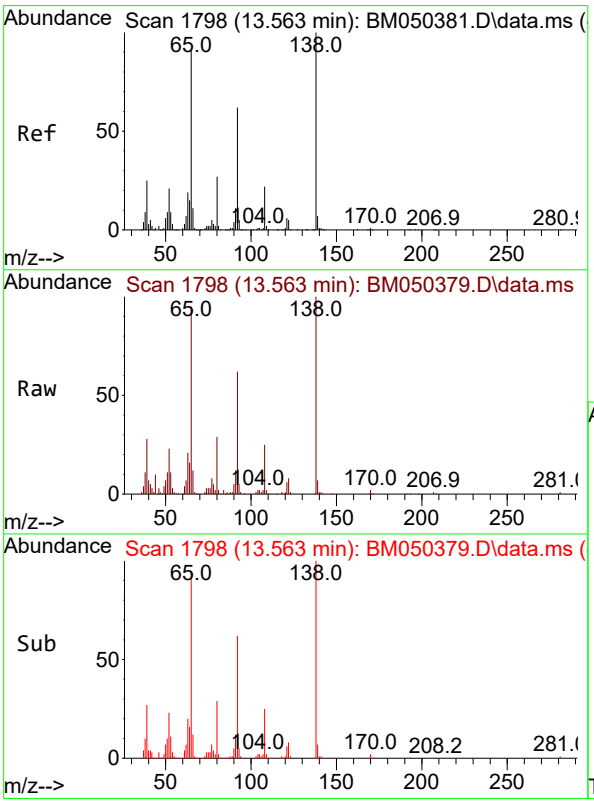
#47
2-Chloronaphthalene
Concen: 9.519 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 476534

Ion	Ratio	Lower	Upper
162	100		
127	34.9	28.3	42.5
164	32.6	26.6	40.0

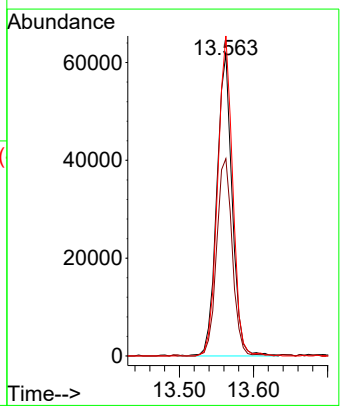


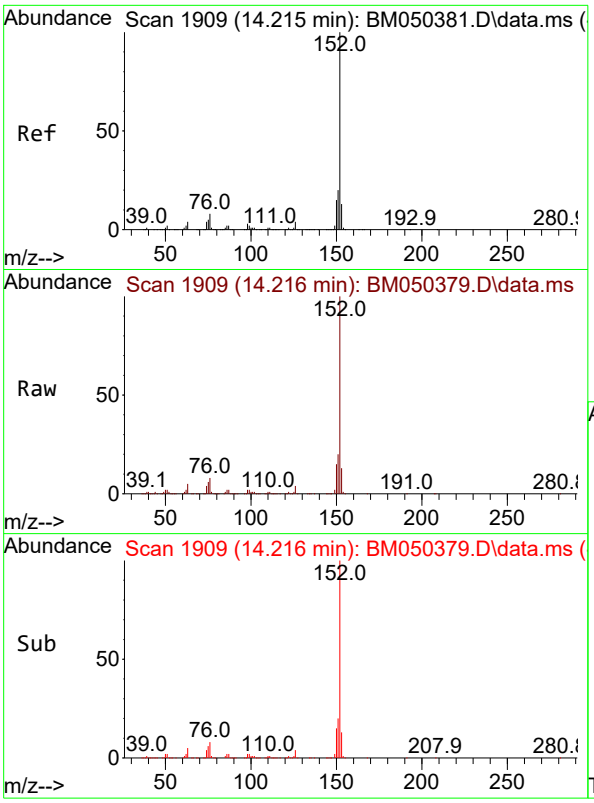


#48
2-Nitroaniline
Concen: 7.982 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 65 Resp: 89190

Ion	Ratio	Lower	Upper
65	100		
92	65.2	54.3	81.5
138	105.8	87.8	131.6



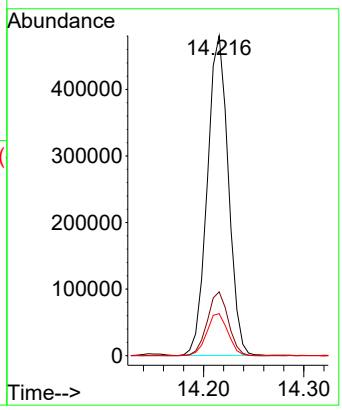


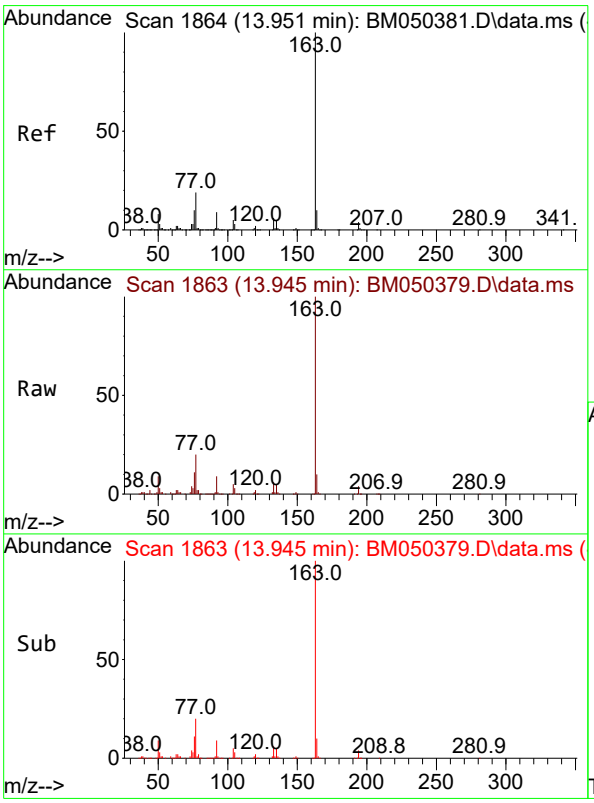
#49
Acenaphthylene
Concen: 9.273 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 701534

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.2	10.6	15.8

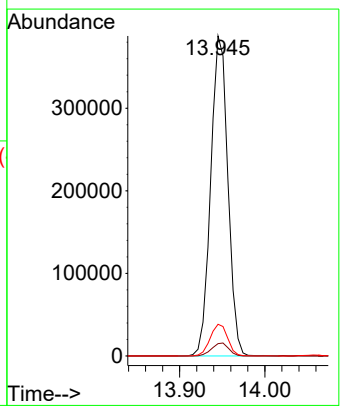


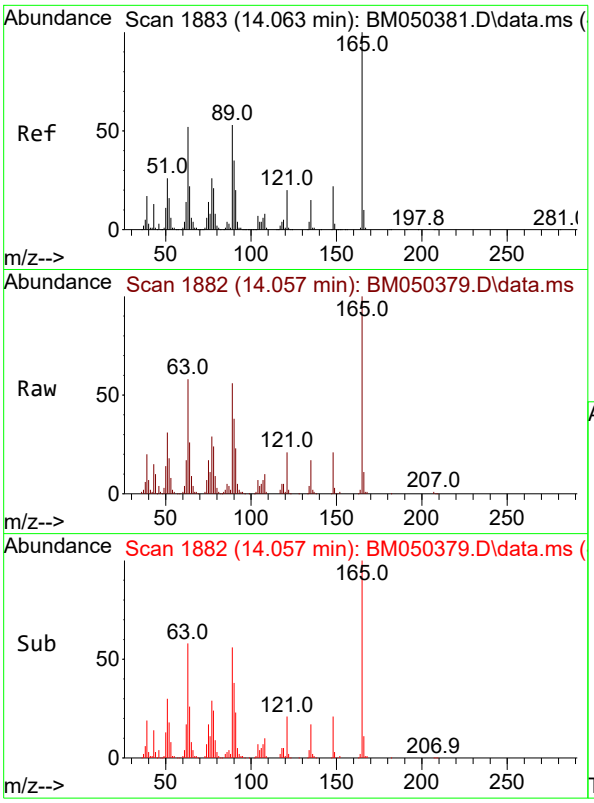


#50
Dimethylphthalate
Concen: 9.331 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:163 Resp: 543665

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.9	8.2	12.2



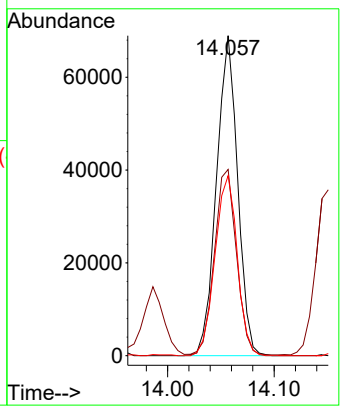


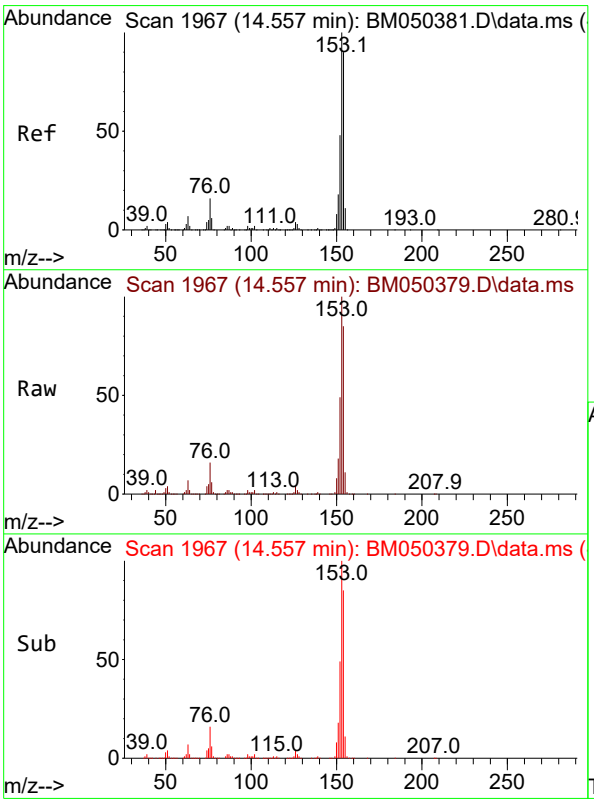
#51
2,6-Dinitrotoluene
Concen: 8.468 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 94728

Ion	Ratio	Lower	Upper
165	100		
63	58.2	42.4	63.6
89	56.2	42.2	63.2

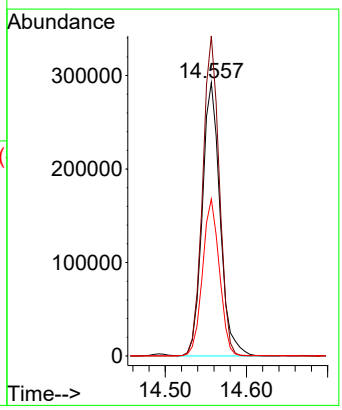


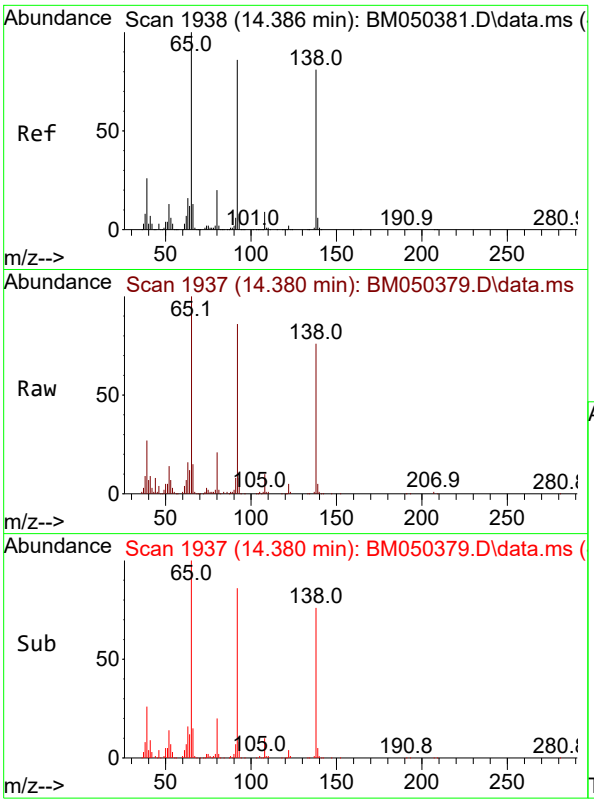


#52
Acenaphthene
Concen: 9.236 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:154 Resp: 444228

Ion	Ratio	Lower	Upper
154	100		
153	117.1	89.2	133.8
152	57.5	42.6	64.0



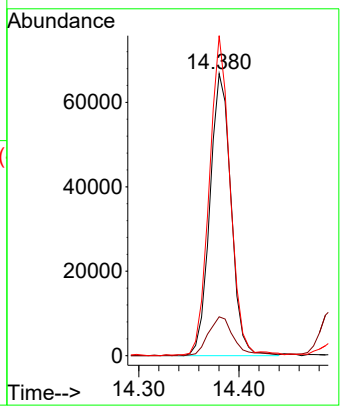


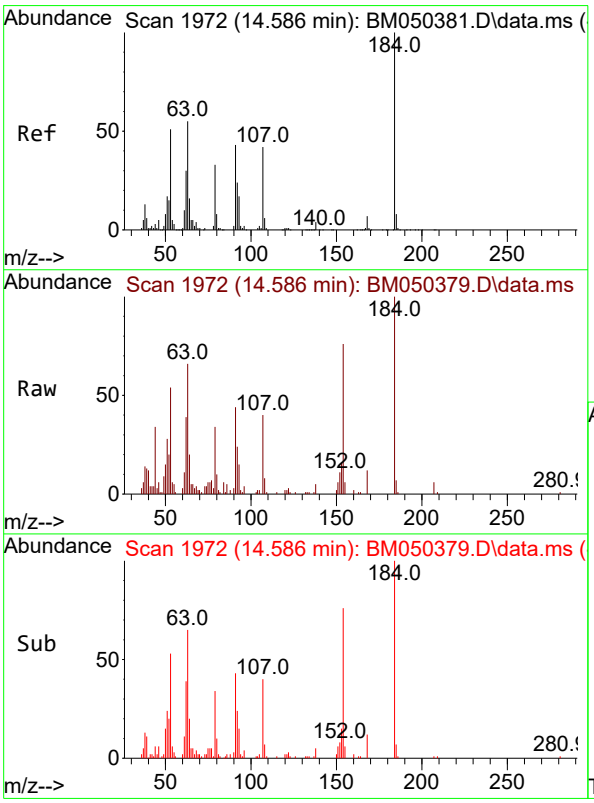
#53
3-Nitroaniline
Concen: 8.223 ng
RT: 14.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 97828

Ion	Ratio	Lower	Upper
138	100		
108	13.8	8.8	13.2#
92	113.5	85.0	127.6

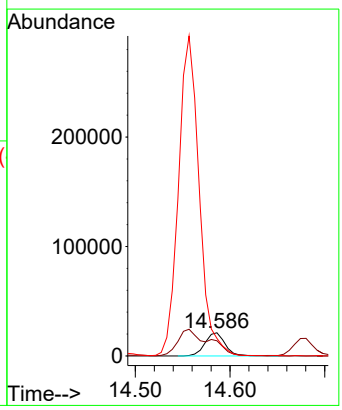


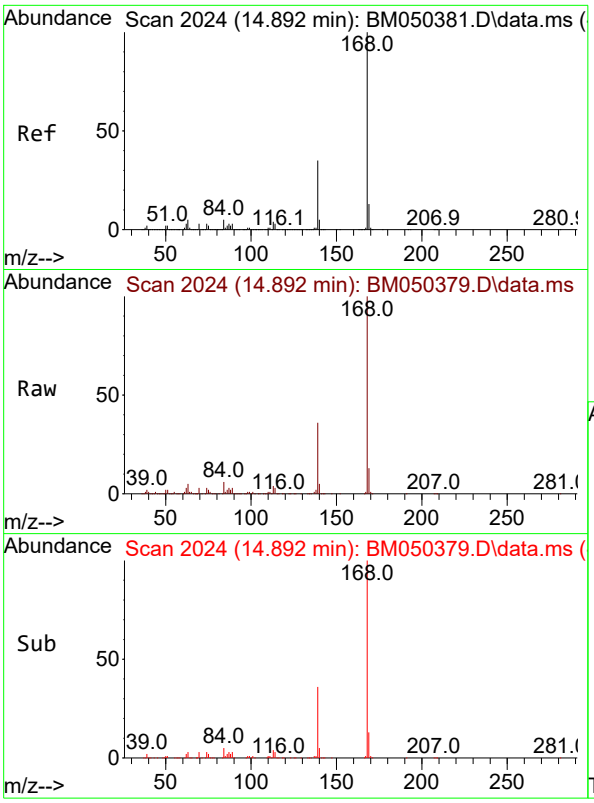


#54
2,4-Dinitrophenol
Concen: 11.045 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:184 Resp: 31123

Ion	Ratio	Lower	Upper
184	100		
63	65.7	53.4	80.0
154	76.0	61.6	92.4



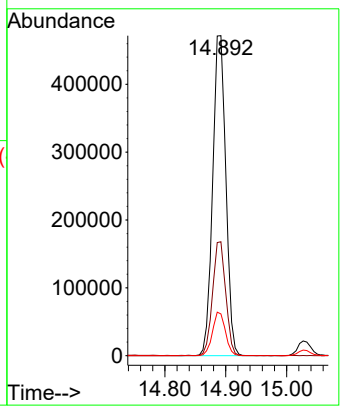


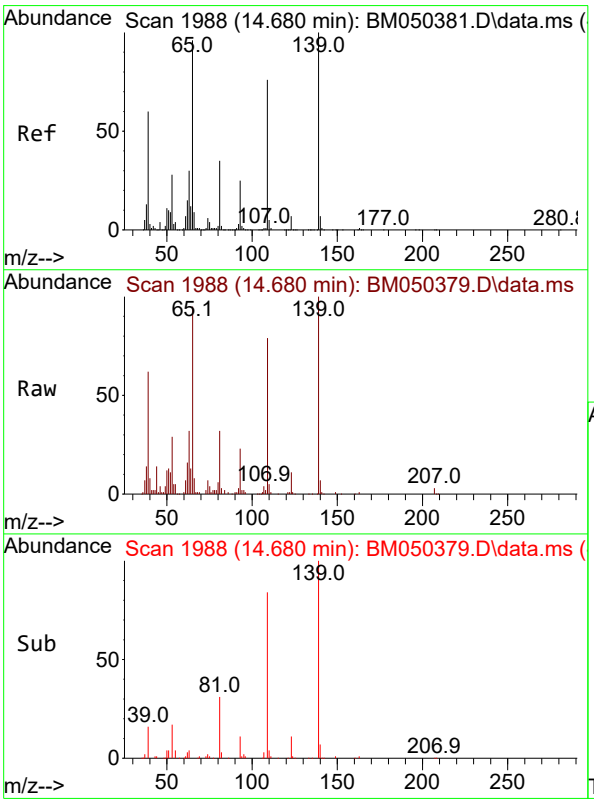
#55
Dibenzofuran
Concen: 9.555 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 708153

Ion	Ratio	Lower	Upper
168	100		
139	35.6	27.7	41.5
169	13.0	10.7	16.1

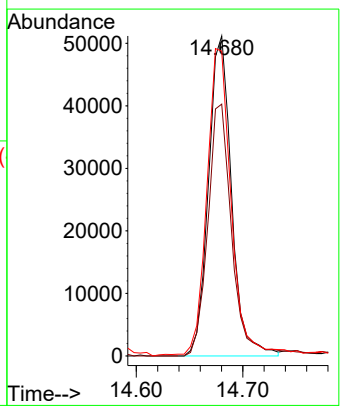


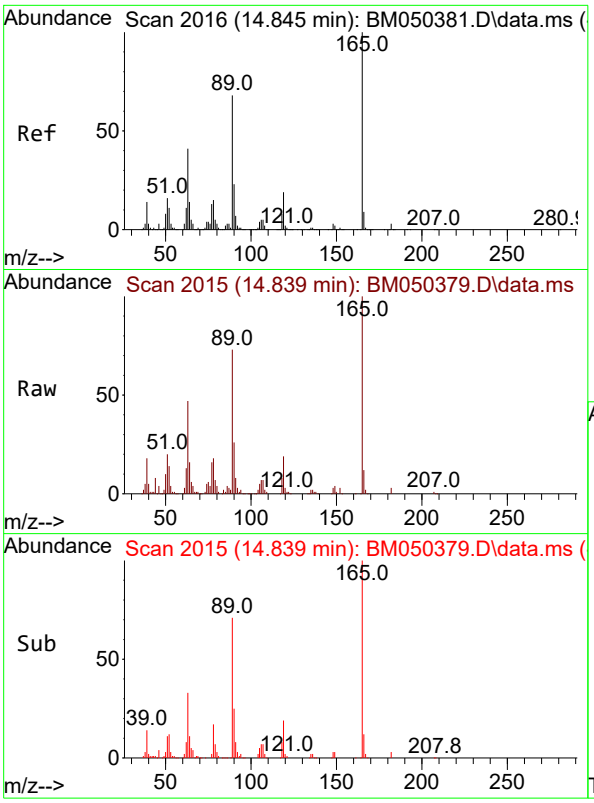


#56
4-Nitrophenol
Concen: 7.515 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:139 Resp: 76886

Ion	Ratio	Lower	Upper
139	100		
109	78.7	56.5	96.5
65	95.3	76.4	116.4



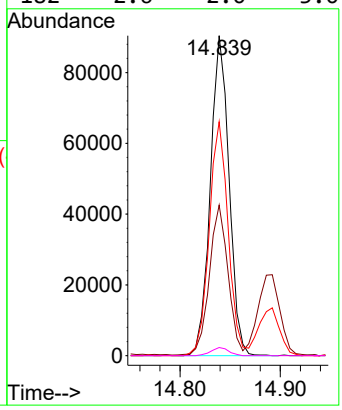


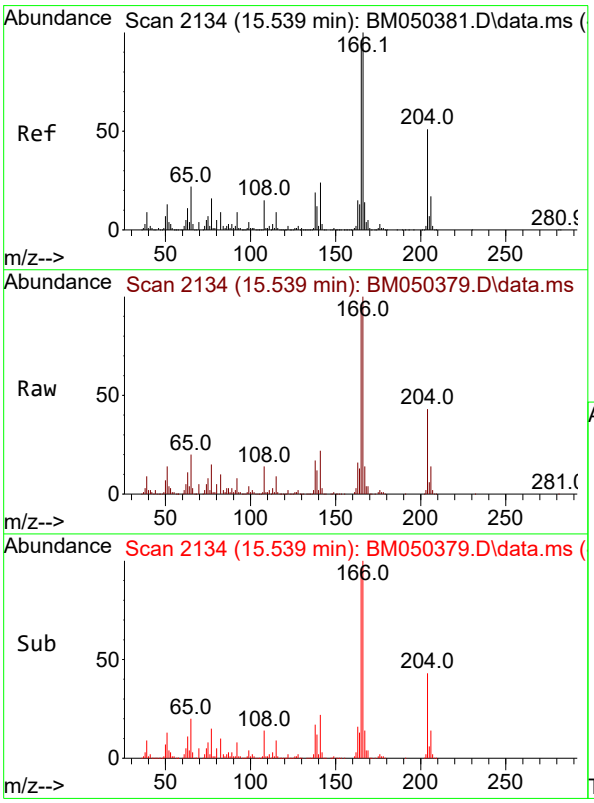
#57
2,4-Dinitrotoluene
Concen: 9.325 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 117194

Ion	Ratio	Lower	Upper
165	100		
63	47.1	32.5	48.7
89	73.1	54.0	81.0
182	2.6	2.0	3.0

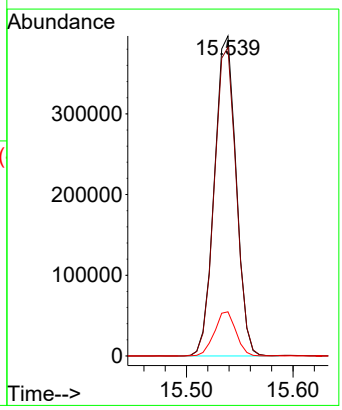


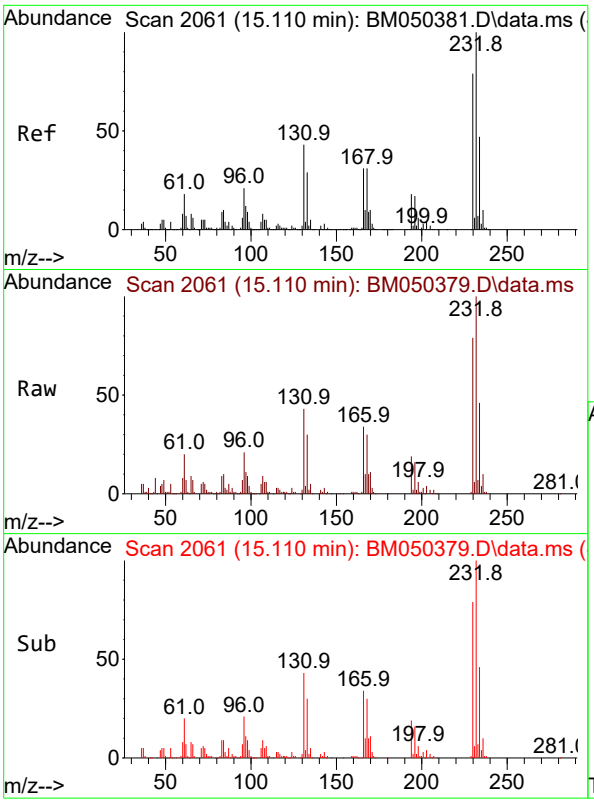


#58
Fluorene
Concen: 9.208 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:166 Resp: 562098

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.0	115.6
167	13.8	10.9	16.3



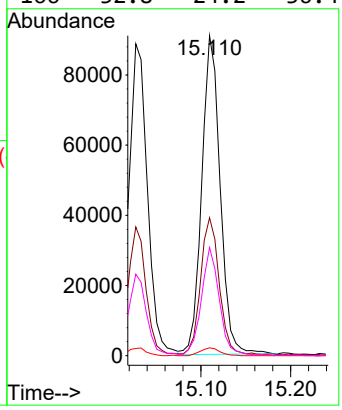


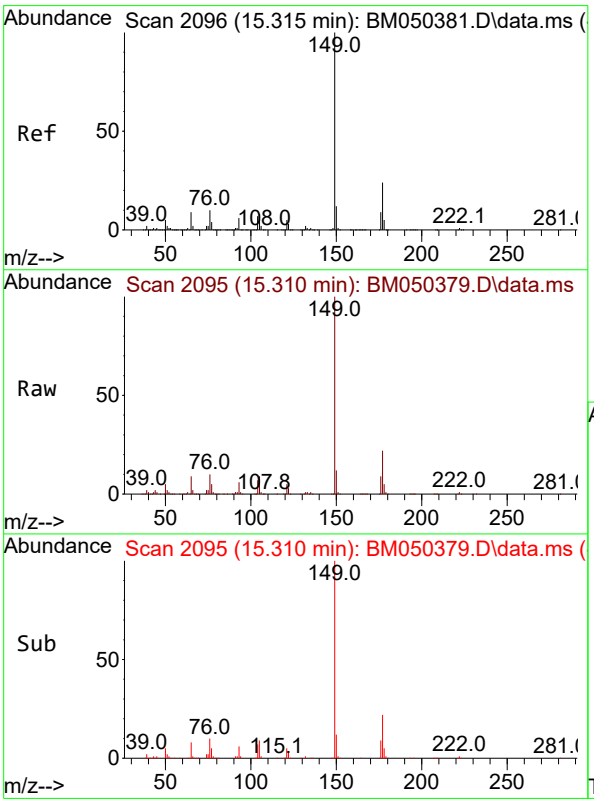
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.509 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 129591

Ion	Ratio	Lower	Upper
232	100		
131	43.3	33.4	50.0
130	2.6	1.8	2.6
166	32.8	24.2	36.4

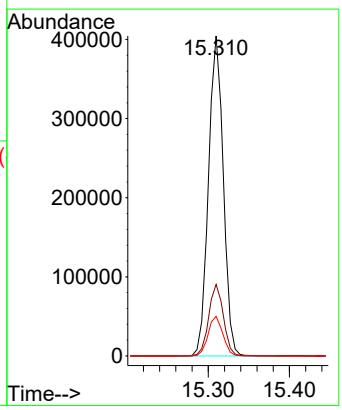


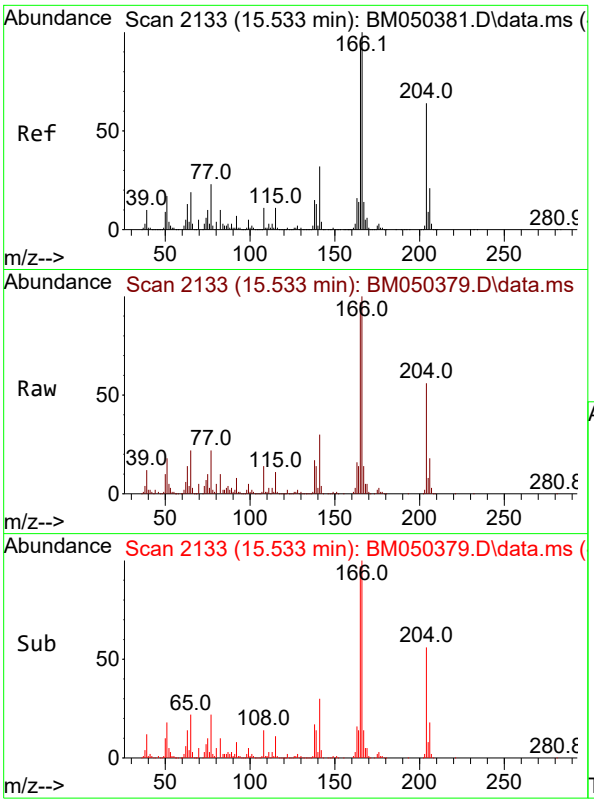


#60
Diethylphthalate
Concen: 9.200 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 512043

Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.8	28.2
150	12.3	9.8	14.8



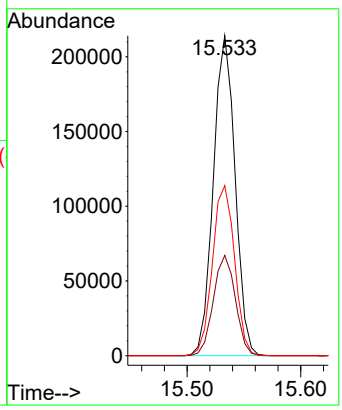


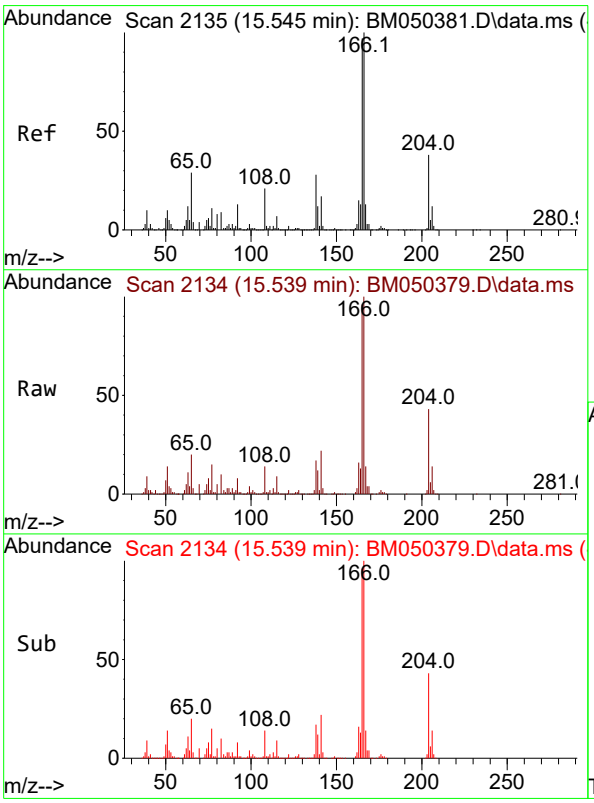
#61
4-Chlorophenyl-phenylether
Concen: 8.918 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 284655

Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.6	39.8
141	53.1	39.9	59.9

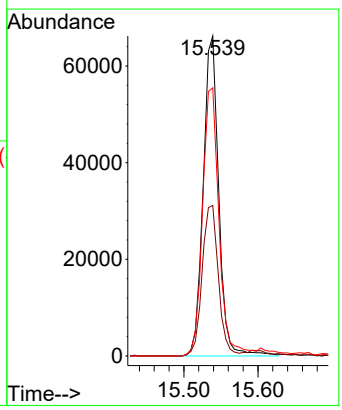


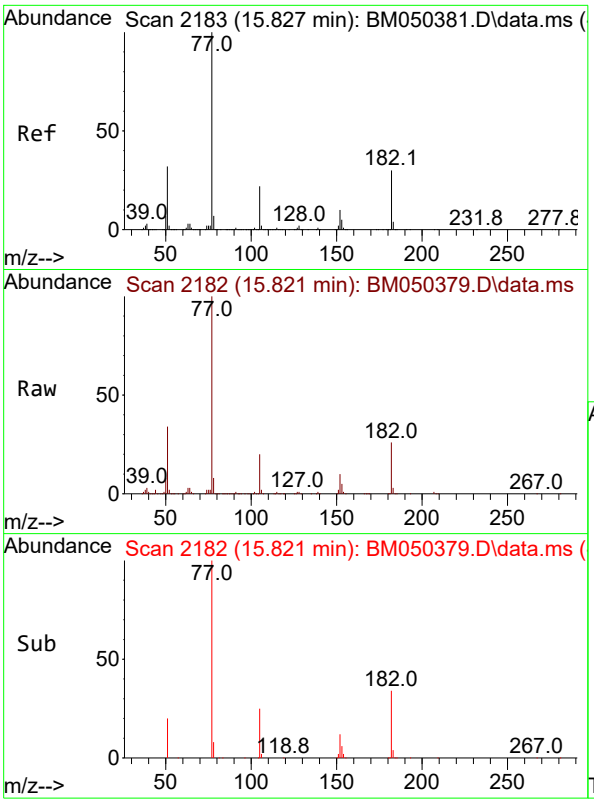


#62
4-Nitroaniline
Concen: 9.259 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:138 Resp: 96460

Ion	Ratio	Lower	Upper
138	100		
92	47.1	24.5	64.5
108	83.8	52.5	92.5



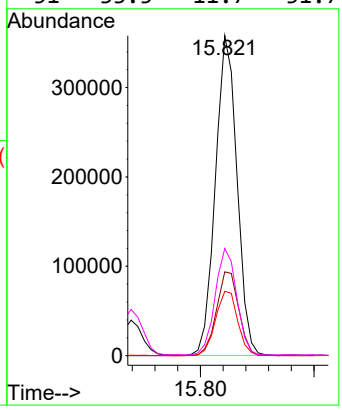


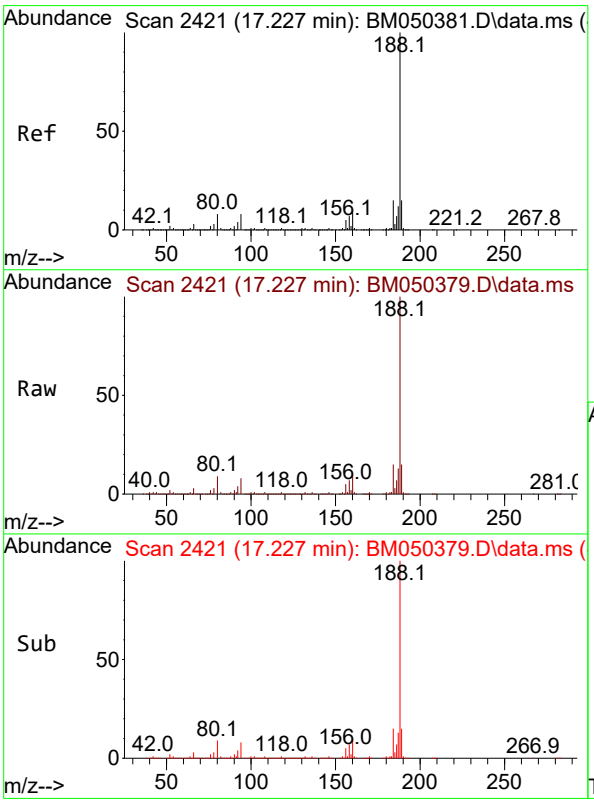
#63
Azobenzene
Concen: 9.239 ng
RT: 15.821 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 472164

Ion	Ratio	Lower	Upper
77	100		
182	26.2	10.0	50.0
105	20.1	2.0	42.0
51	33.5	11.7	51.7

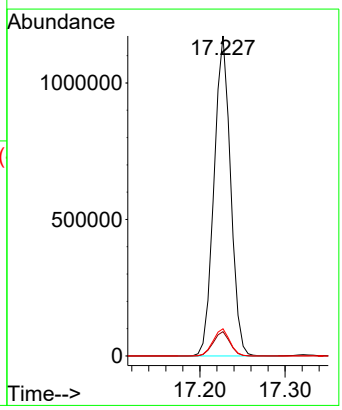


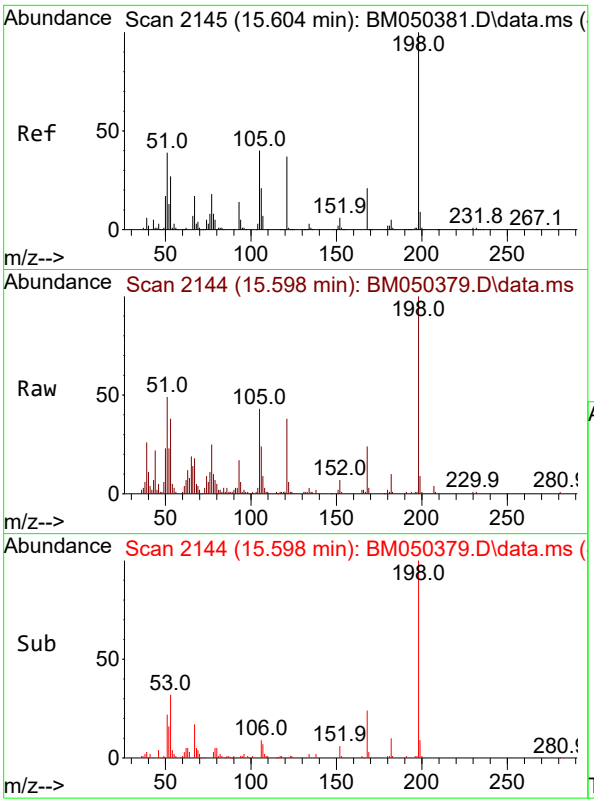


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:188 Resp: 1580349

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.0	9.0
80	8.5	6.5	9.7



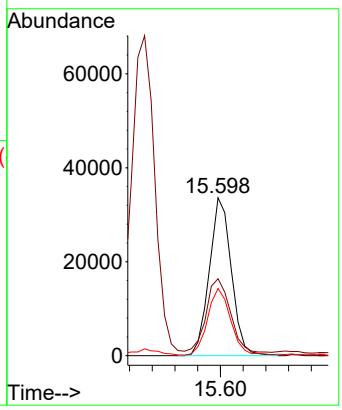


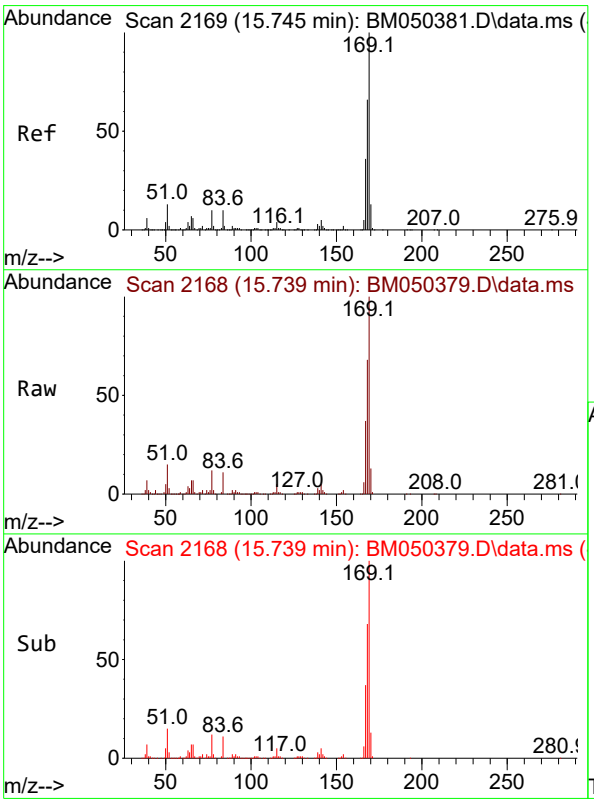
#65
4,6-Dinitro-2-methylphenol
Concen: 10.934 ng
RT: 15.598 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 45307

Ion	Ratio	Lower	Upper
198	100		
51	48.7	26.6	66.6
105	42.6	20.9	60.9

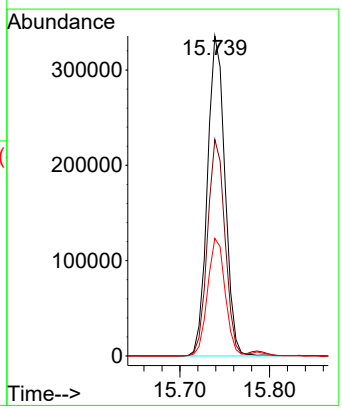


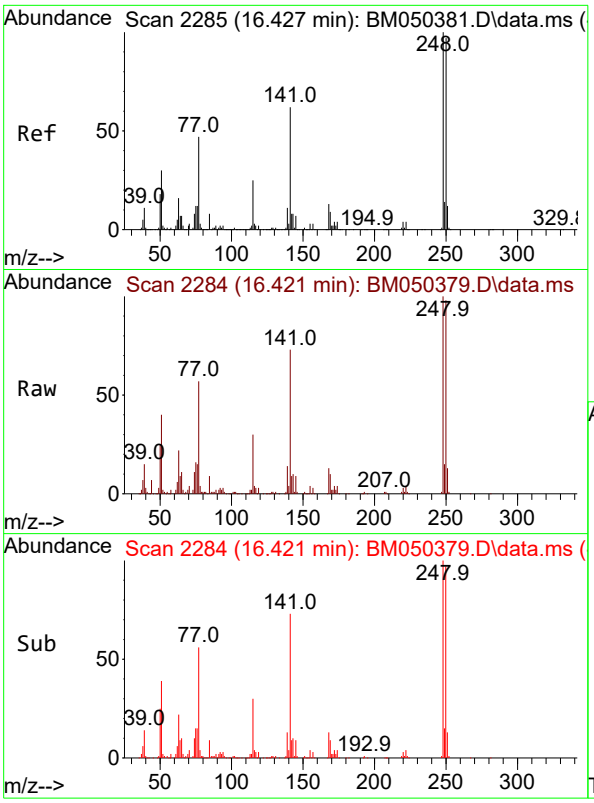


#66
n-Nitrosodiphenylamine
Concen: 9.215 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:169 Resp: 455683

Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.2	79.8
167	36.7	28.7	43.1



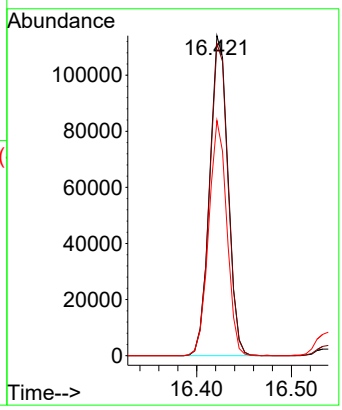


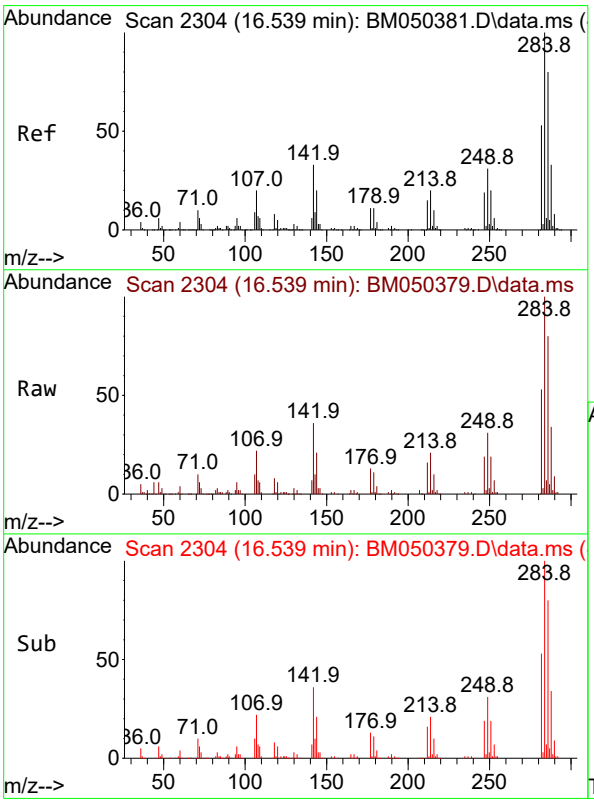
#67
4-Bromophenyl-phenylether
Concen: 8.812 ng
RT: 16.421 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 153426

Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.9	116.9
141	73.5	49.7	74.5

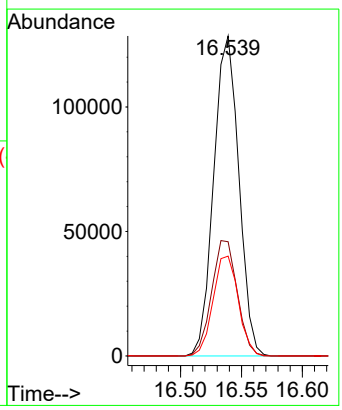


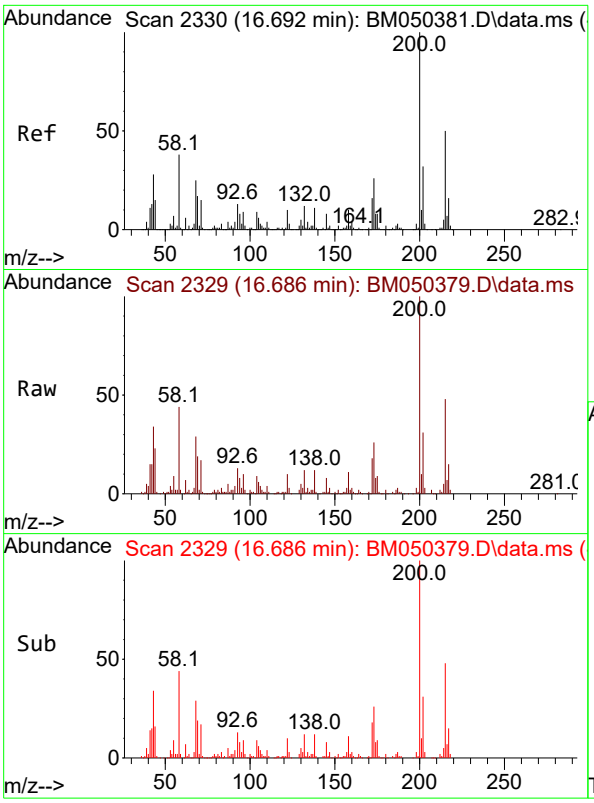


#68
Hexachlorobenzene
Concen: 8.960 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:284 Resp: 184262

Ion	Ratio	Lower	Upper
284	100		
142	35.7	26.8	40.2
249	31.2	24.5	36.7



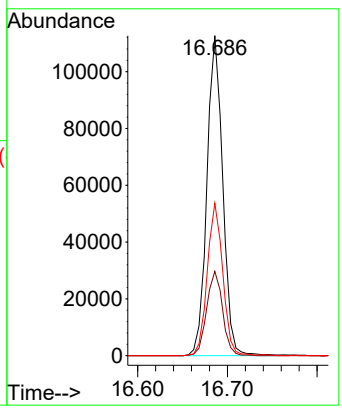


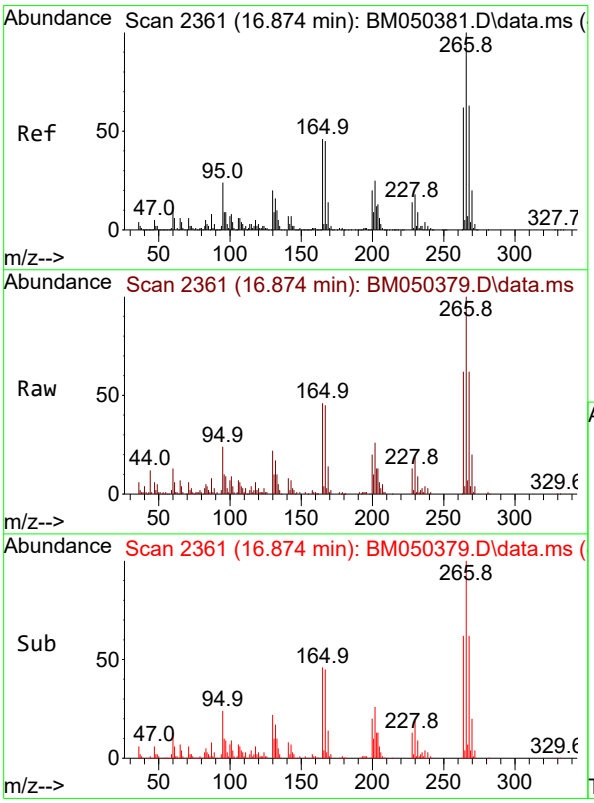
#69
Atrazine
Concen: 8.495 ng
RT: 16.686 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 137949

Ion	Ratio	Lower	Upper
200	100		
173	26.3	5.6	45.6
215	47.7	29.6	69.6

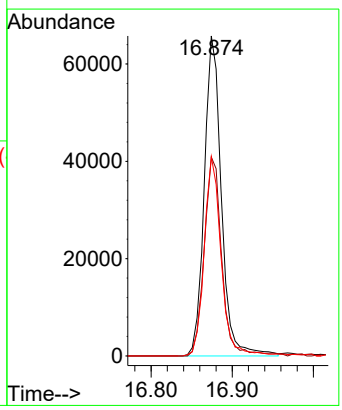


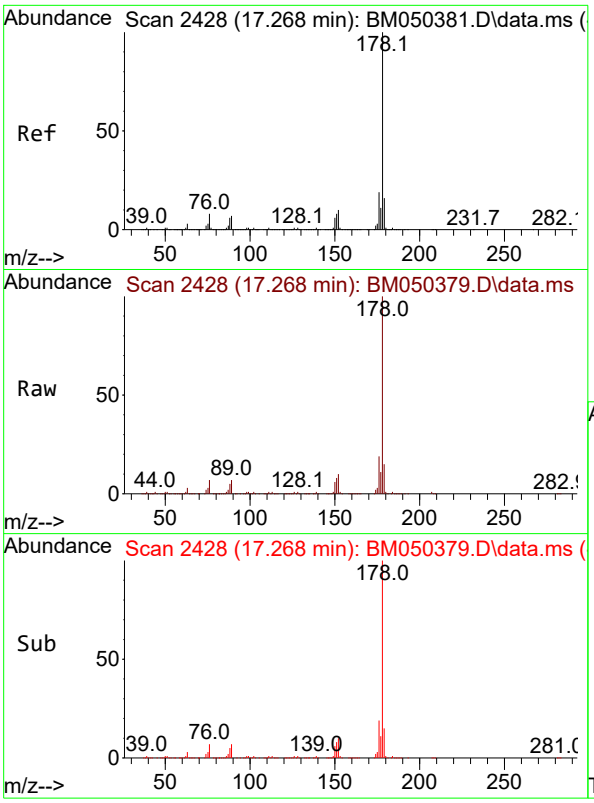


#70
Pentachlorophenol
Concen: 7.515 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:266 Resp: 96207

Ion	Ratio	Lower	Upper
266	100		
268	62.2	50.5	75.7
264	62.3	49.9	74.9



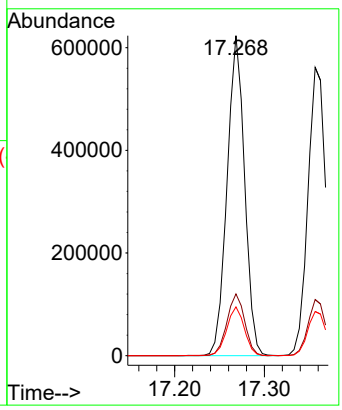


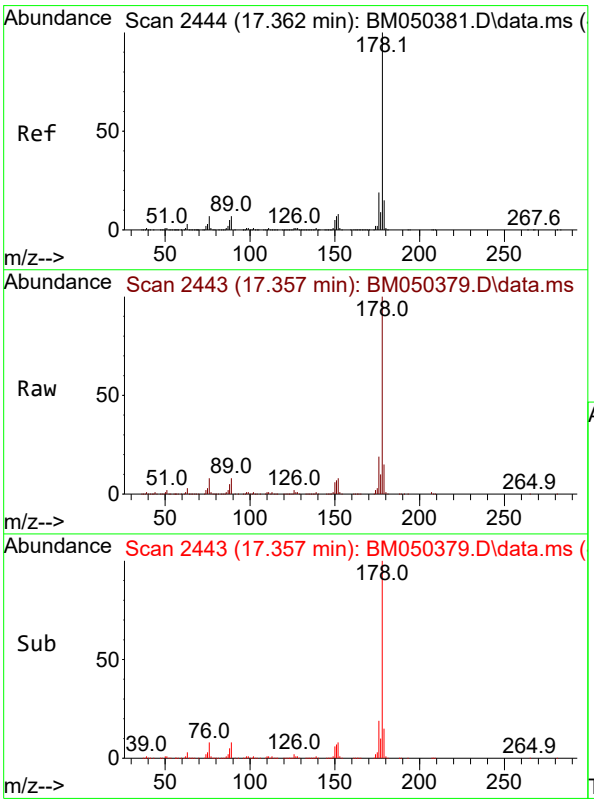
#71
Phenanthrene
Concen: 9.454 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 845393

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.2	12.5	18.7

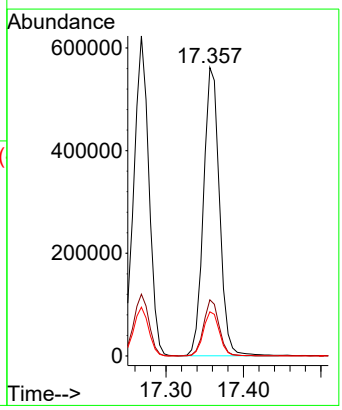


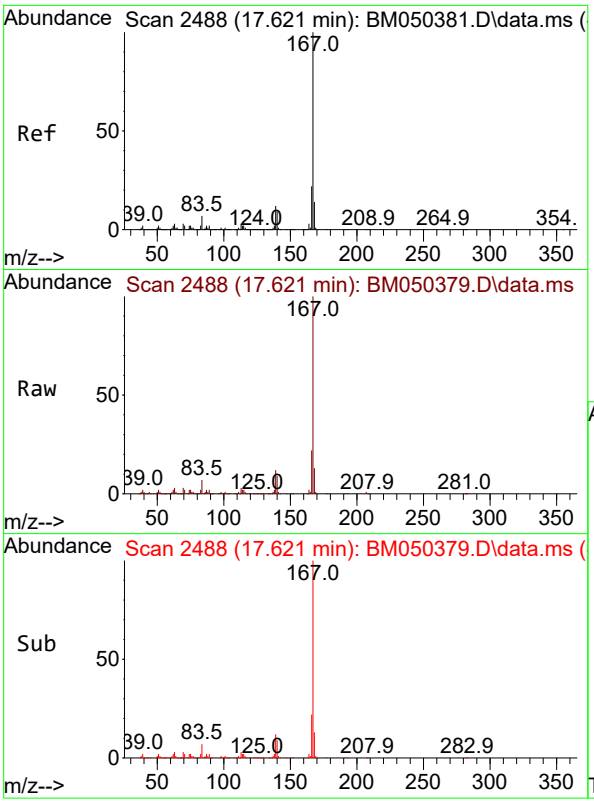


#72
Anthracene
Concen: 9.025 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:178 Resp: 803377

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.9	22.3
179	15.3	12.2	18.4



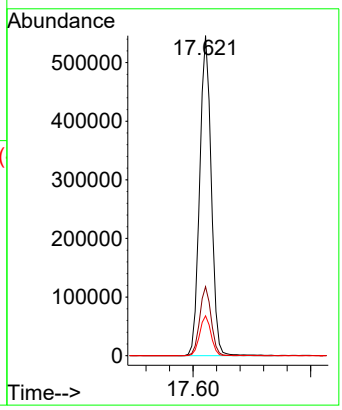


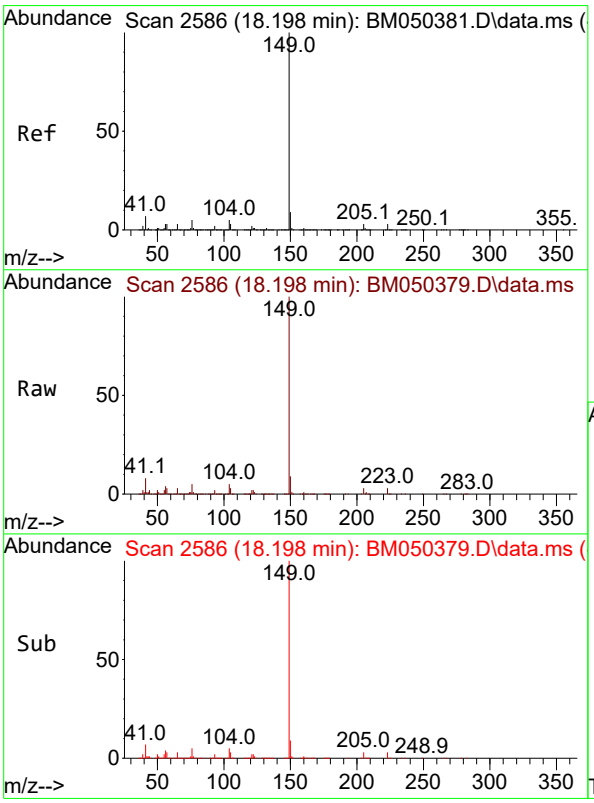
#73
Carbazole
Concen: 9.263 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 746026

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.5	9.9	14.9

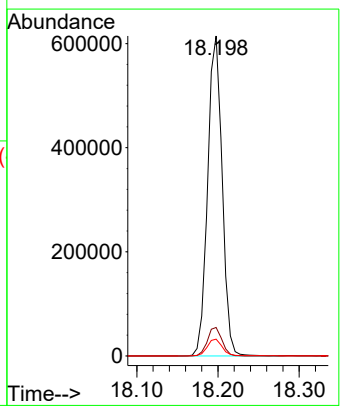


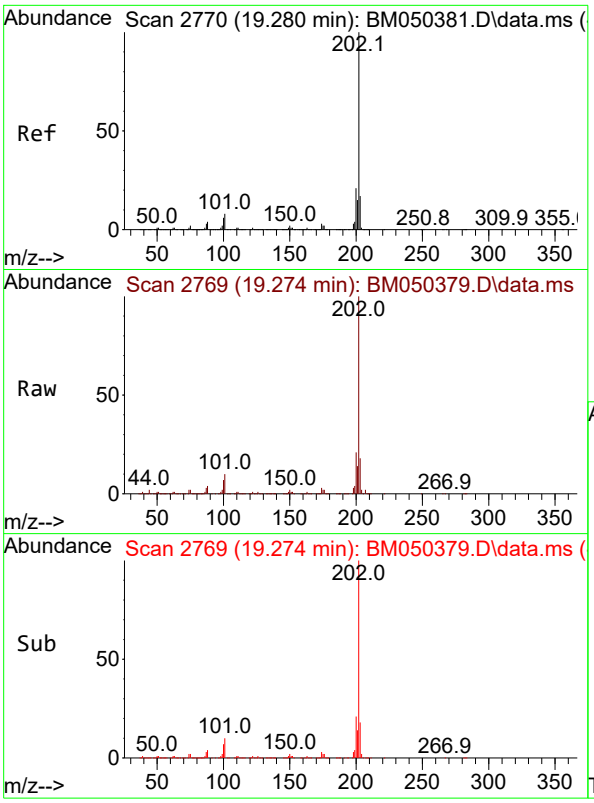


#74
Di-n-butylphthalate
Concen: 8.610 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 759019

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	5.2	3.9	5.9



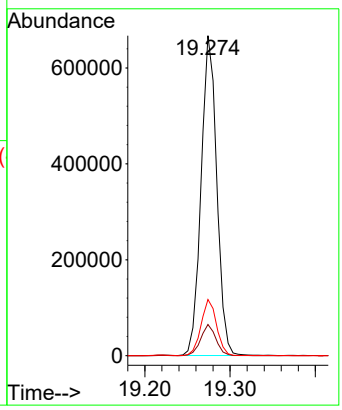


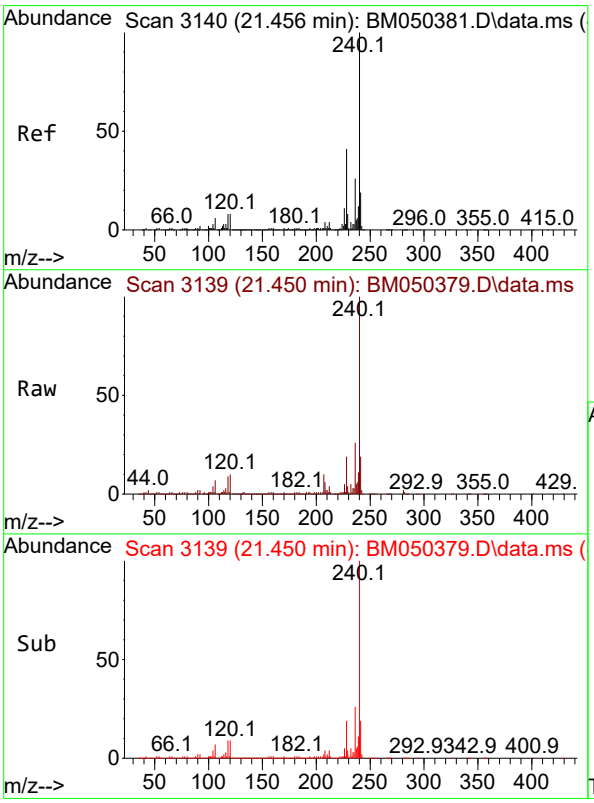
#75
Fluoranthene
Concen: 8.768 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 852385

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	28.3
203	17.5	0.0	37.2

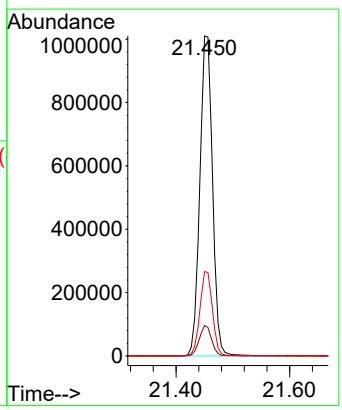


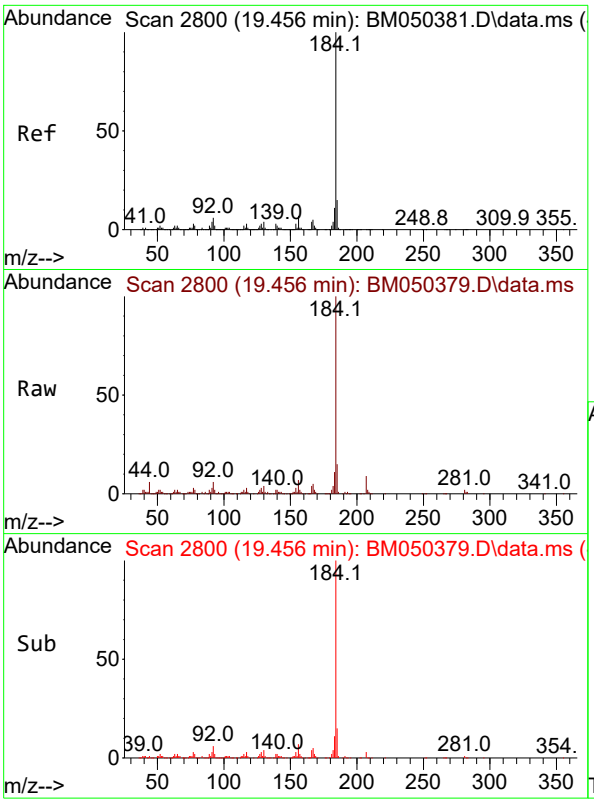


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:240 Resp: 1564213

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.7	10.1
236	26.4	20.7	31.1



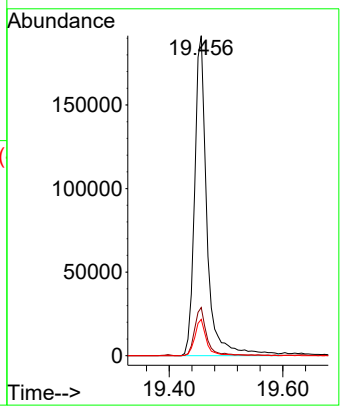


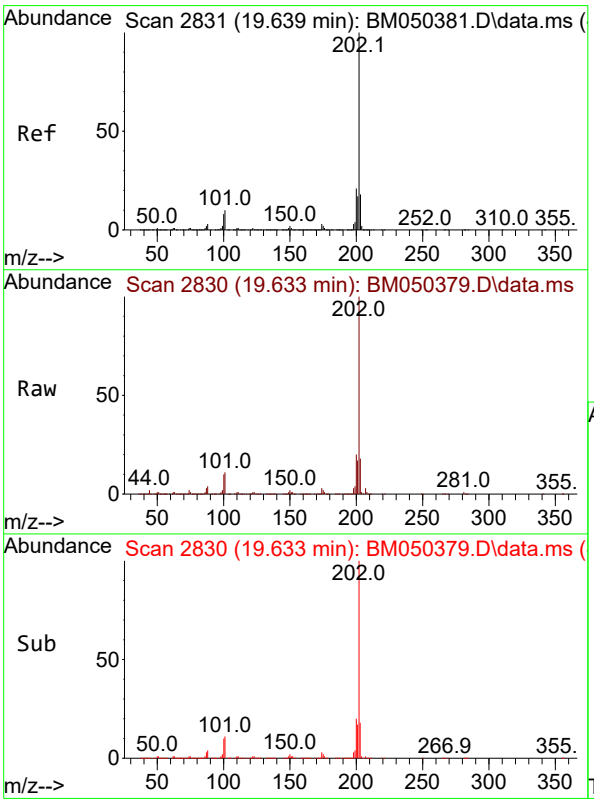
#77
Benzidine
Concen: 7.256 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 289481

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.7	17.5
183	11.3	9.0	13.6

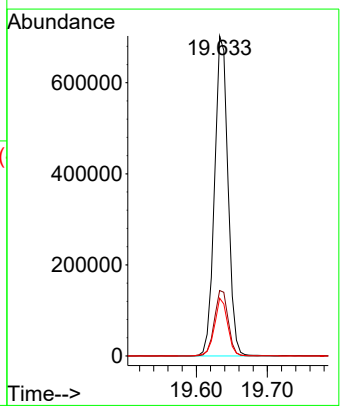


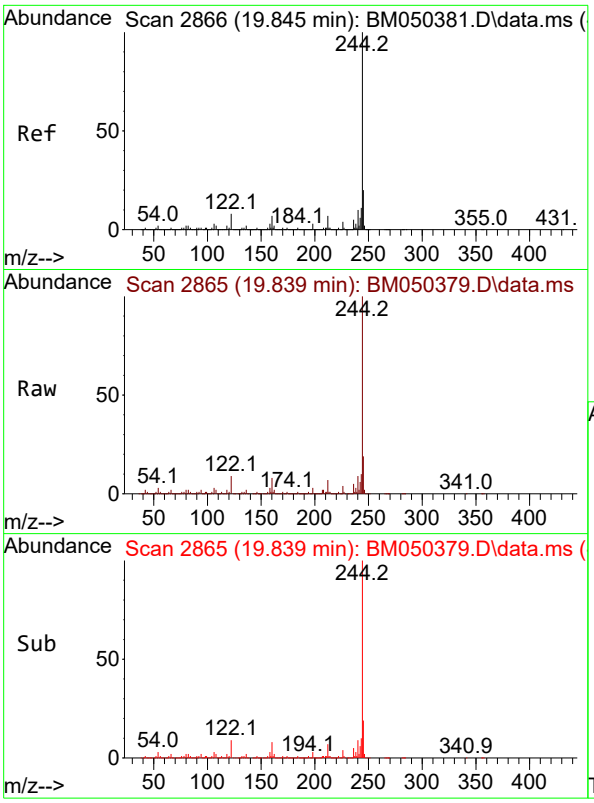


#78
Pyrene
Concen: 9.191 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:202 Resp: 920751

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	18.0	14.1	21.1



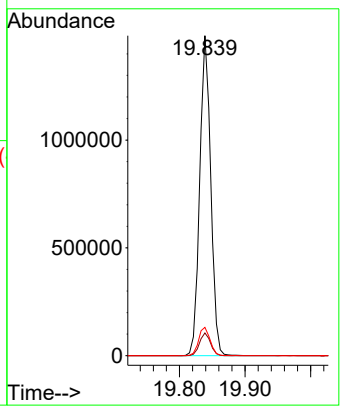


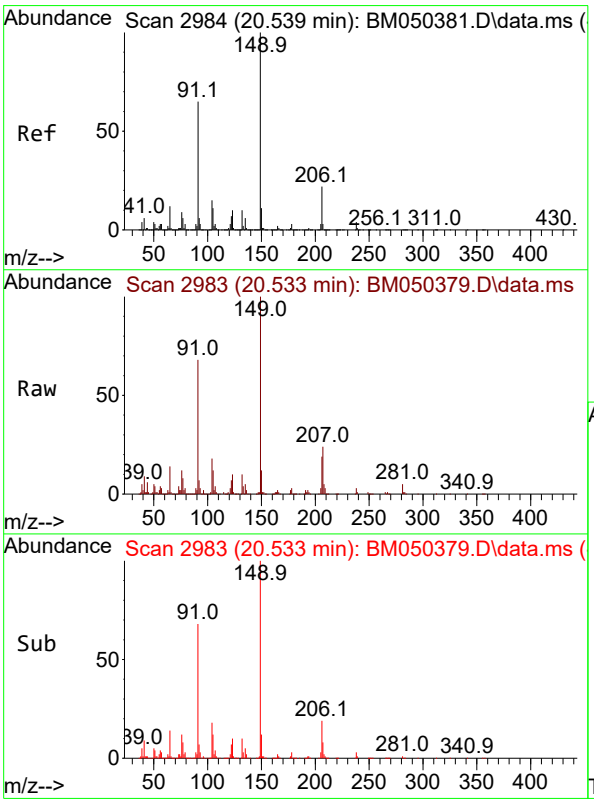
#79
Terphenyl-d14
Concen: 19.526 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1735885

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	8.8	6.2	9.2

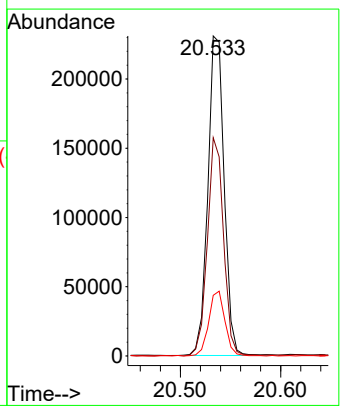


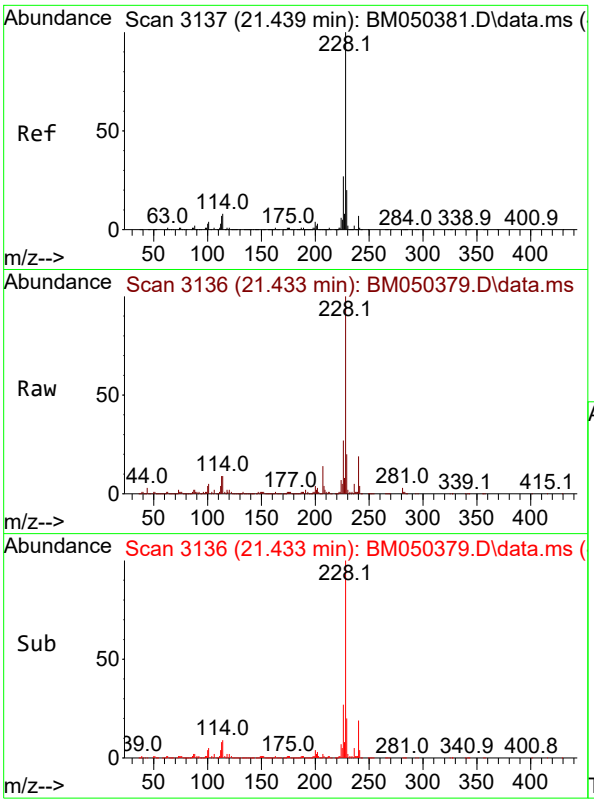


#80
Butylbenzylphthalate
Concen: 7.920 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 261606

Ion	Ratio	Lower	Upper
149	100		
91	68.2	51.6	77.4
206	19.0	17.8	26.8



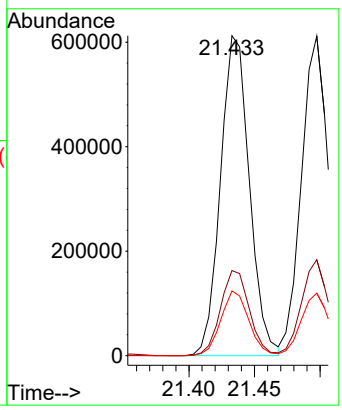


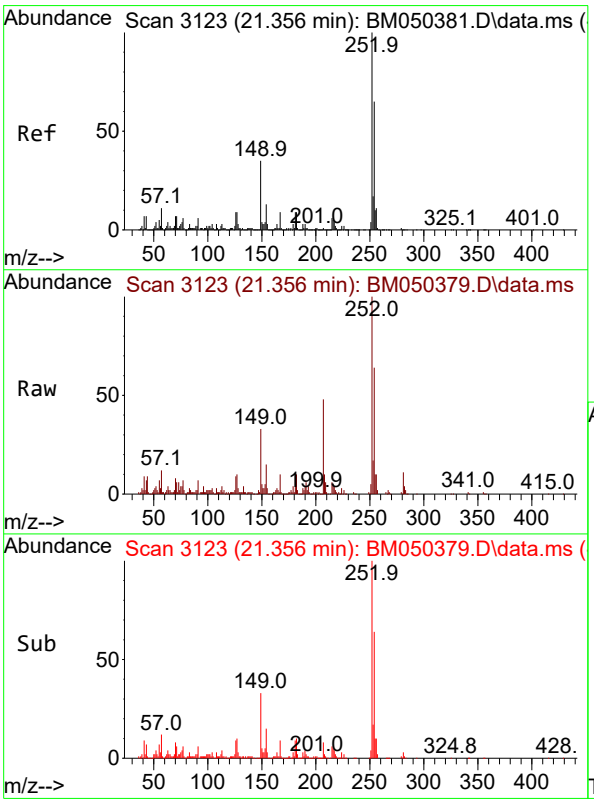
#81
Benzo(a)anthracene
Concen: 9.224 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 940127

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.8
229	20.3	16.0	24.0

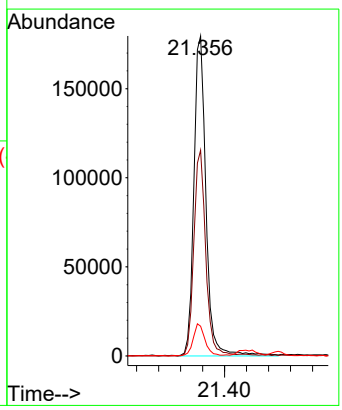


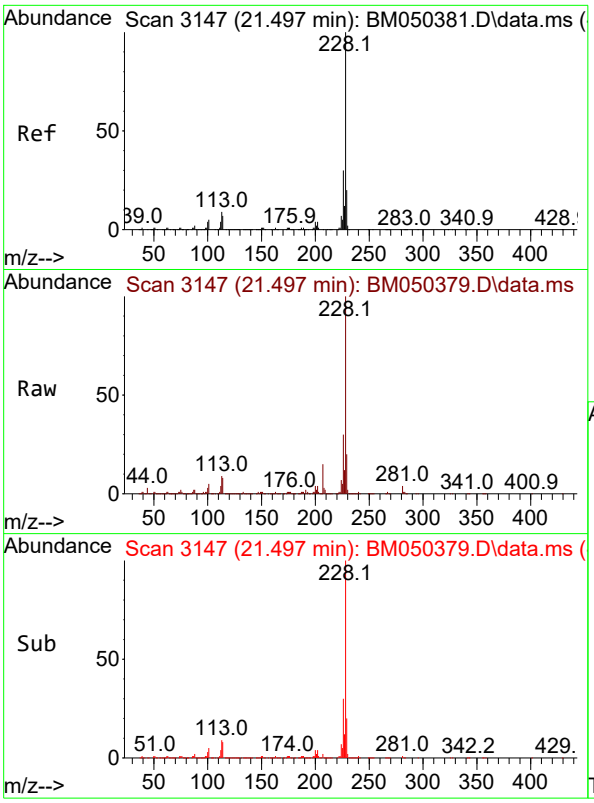


#82
3,3'-Dichlorobenzidine
Concen: 7.988 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:252 Resp: 274551

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.7	77.5
126	9.3	7.3	10.9



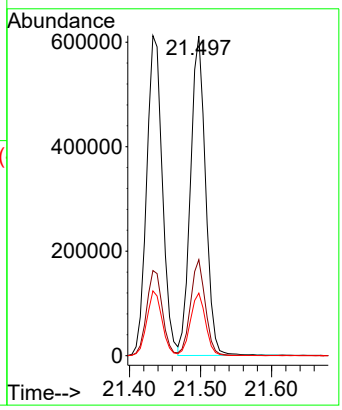


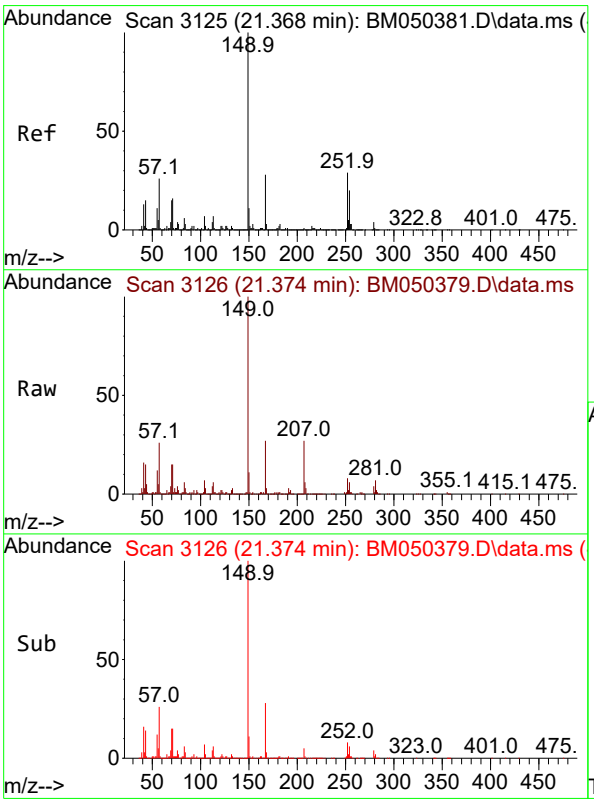
#83
Chrysene
Concen: 9.384 ng
RT: 21.497 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 902126

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.6	15.8	23.6

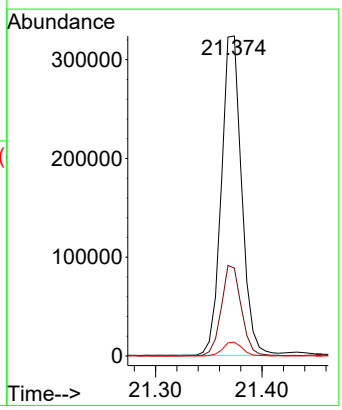


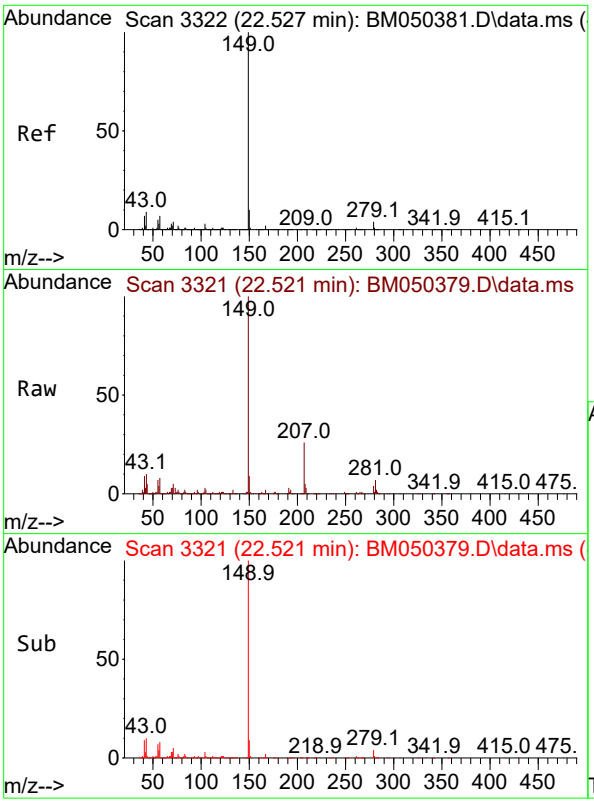


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.136 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 426642

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.7	34.1
279	4.3	3.5	5.3



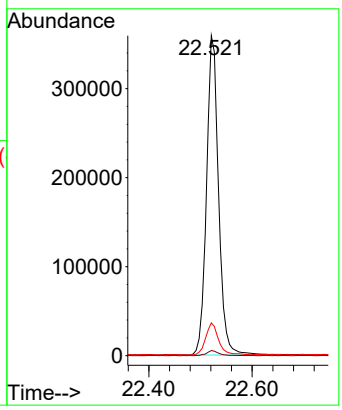


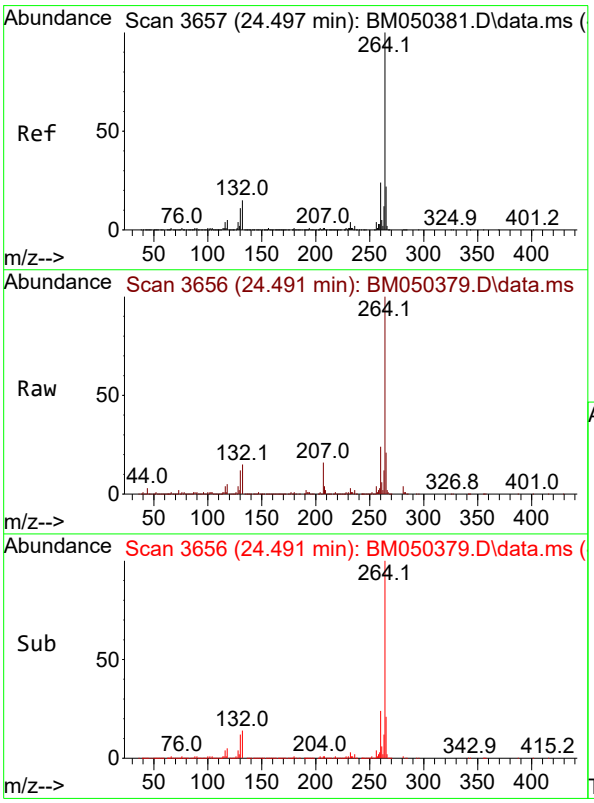
#85
Di-n-octyl phthalate
Concen: 7.070 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 580634

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.6	7.7	11.5

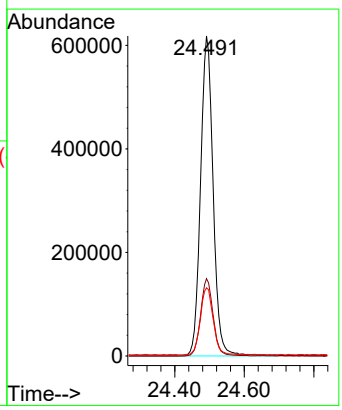


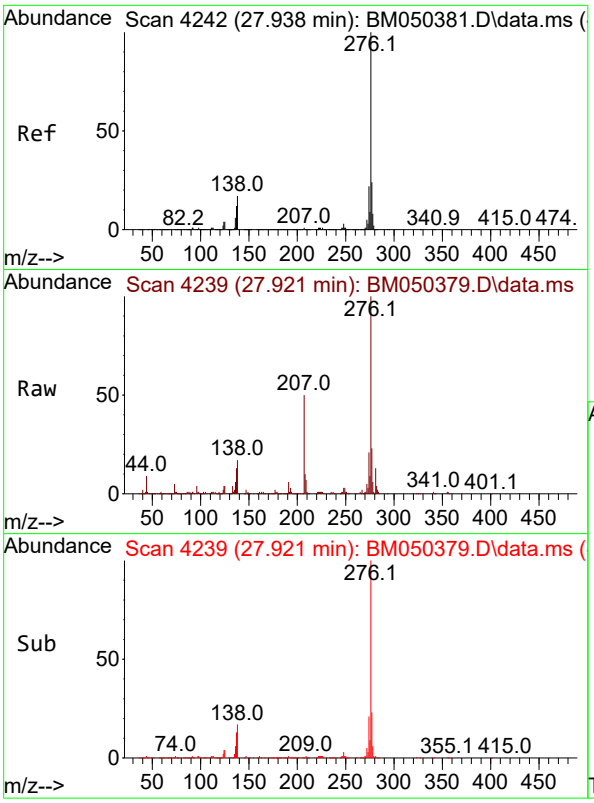


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:264 Resp: 1552476

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.8	26.6



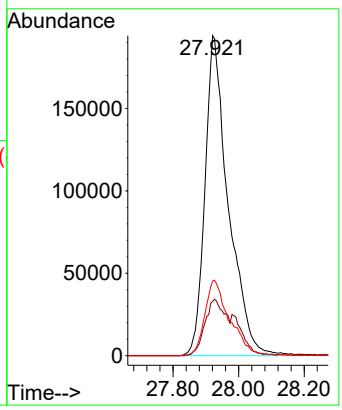


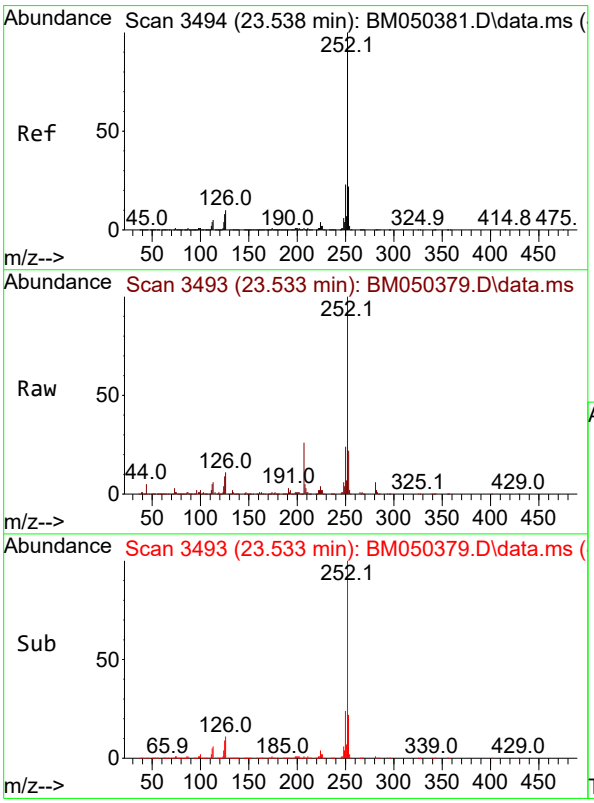
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.706 ng
RT: 27.921 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 960927

Ion	Ratio	Lower	Upper
276	100		
138	15.8	17.0	25.6#
277	24.8	20.0	30.0

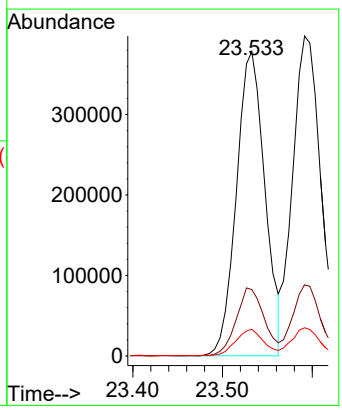


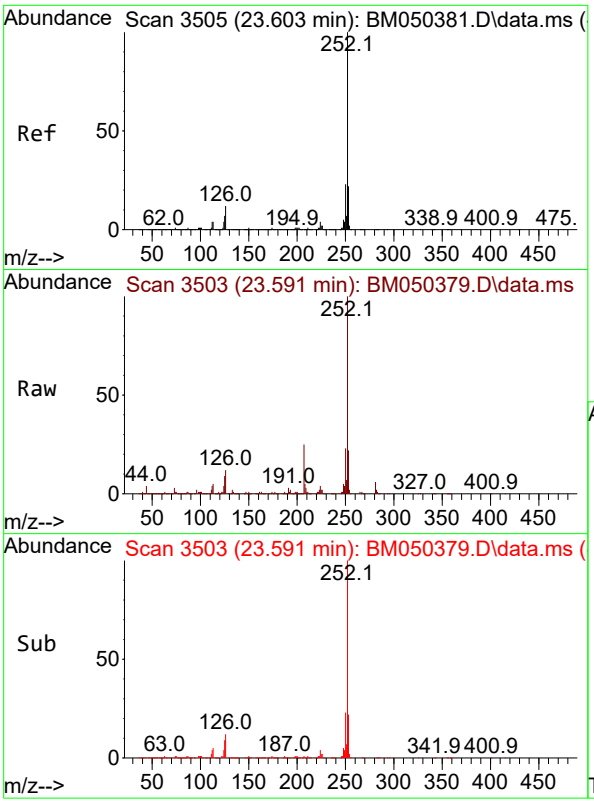


#88
Benzo(b)fluoranthene
Concen: 8.740 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:252 Resp: 834603

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.8	6.3	9.5



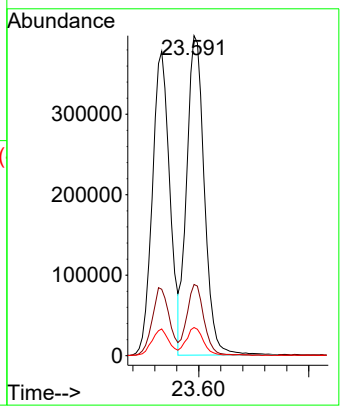


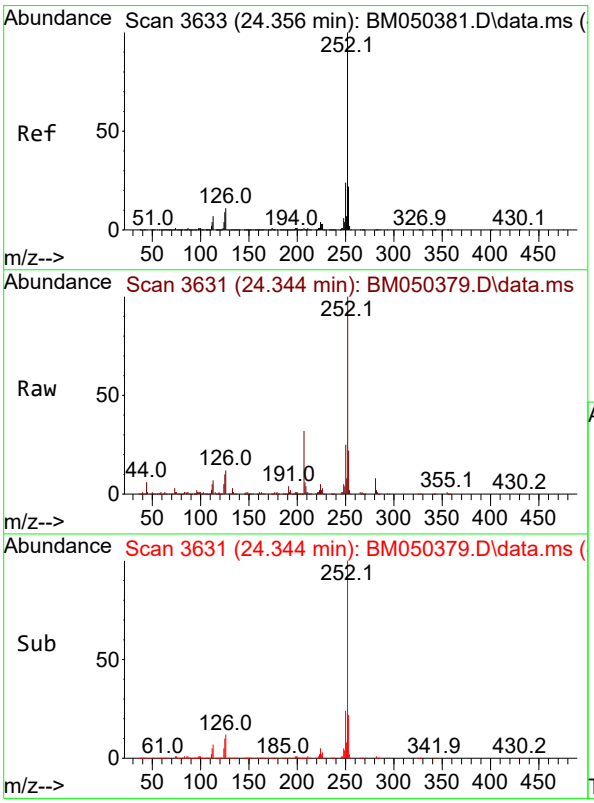
#89
Benzo(k)fluoranthene
Concen: 8.919 ng
RT: 23.591 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 883703

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	8.8	6.2	9.2

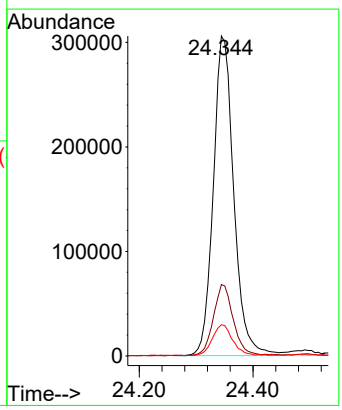


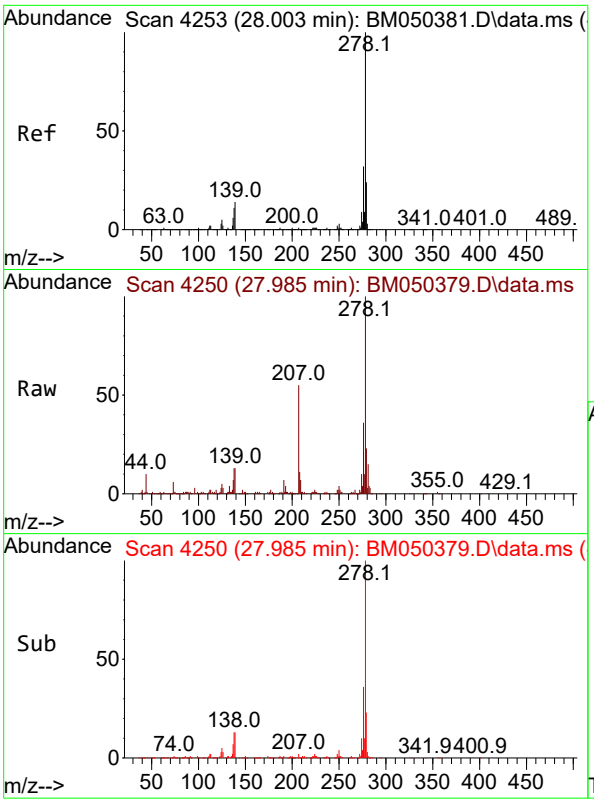


#90
Benzo(a)pyrene
Concen: 8.550 ng
RT: 24.344 min Scan# 3631
Delta R.T. -0.012 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:252 Resp: 764280

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.7	7.0	10.4



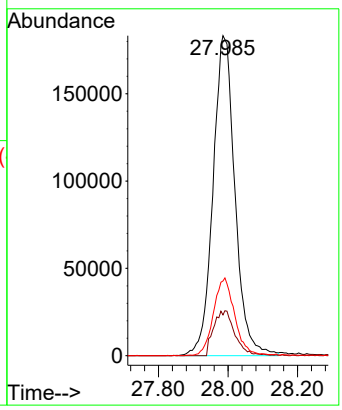


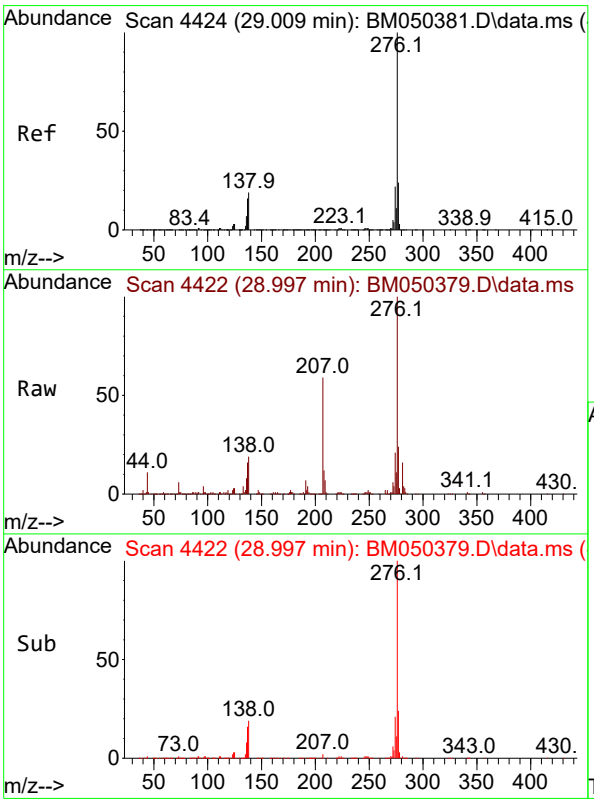
#91
Dibenzo(a,h)anthracene
Concen: 8.639 ng
RT: 27.985 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 803056

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.8	16.2
279	23.4	19.4	29.0

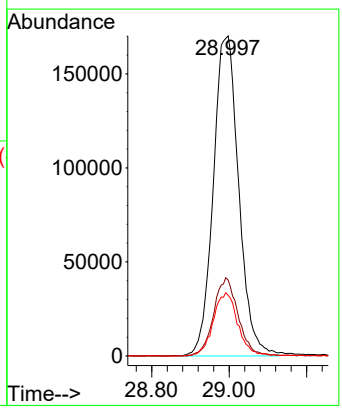




#92
Benzo(g,h,i)perylene
Concen: 8.841 ng
RT: 28.997 min Scan# 4422
Delta R.T. -0.012 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:276 Resp: 776700

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	19.0	14.9	22.3



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	361505	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1364913	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	879171	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1676151	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1698030	20.000	ng		0.00
86) Perylene-d12	24.492	264	1655344	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	830817	39.560	ng		0.00
7) Phenol-d6	7.016	99	1041640	39.345	ng		0.00
23) Nitrobenzene-d5	9.016	82	1065139	39.813	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	404270	37.846	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2831991	39.780	ng		0.00
79) Terphenyl-d14	19.839	244	4159871	43.104	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	174356	20.190	ng		99
3) Pyridine	3.734	79	453940	20.022	ng		99
4) n-Nitrosodimethylamine	3.640	42	215262	20.366	ng	#	95
6) Aniline	7.187	93	666785	19.625	ng		100
8) 2-Chlorophenol	7.428	128	440657	19.898	ng		97
9) Benzaldehyde	6.999	77	355966m	22.600	ng		
10) Phenol	7.046	94	548000	19.845	ng		98
11) bis(2-Chloroethyl)ether	7.281	93	442290	20.000	ng		100
12) 1,3-Dichlorobenzene	7.757	146	540913	20.088	ng		98
13) 1,4-Dichlorobenzene	7.899	146	555418	20.200	ng		99
14) 1,2-Dichlorobenzene	8.216	146	525580	19.966	ng		99
15) Benzyl Alcohol	8.099	79	359867	19.292	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	657213	20.176	ng		100
17) 2-Methylphenol	8.299	107	354110	19.772	ng		100
18) Hexachloroethane	8.951	117	192269	19.883	ng		97
19) n-Nitroso-di-n-propyla...	8.669	70	320932	20.010	ng		98
20) 3+4-Methylphenols	8.622	107	468665	19.493	ng		99
22) Acetophenone	8.681	105	684104	20.046	ng	#	99
24) Nitrobenzene	9.057	77	481755	20.179	ng		100
25) Isophorone	9.587	82	865912	19.946	ng		99
26) 2-Nitrophenol	9.775	139	180315	18.532	ng		99
27) 2,4-Dimethylphenol	9.828	122	410521	19.828	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	575979	20.023	ng		100
29) 2,4-Dichlorophenol	10.304	162	424771	19.970	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	503042	19.769	ng		98
31) Naphthalene	10.710	128	1397680	20.160	ng		99
32) Benzoic acid	9.910	122	189237	19.011	ng		100
33) 4-Chloroaniline	10.810	127	582272	19.867	ng		99
34) Hexachlorobutadiene	11.010	225	303657	19.552	ng		99
35) Caprolactam	11.569	113	110042	18.951	ng		95
36) 4-Chloro-3-methylphenol	11.928	107	393366	19.804	ng		99
37) 2-Methylnaphthalene	12.322	142	871365	19.906	ng		98
38) 1-Methylnaphthalene	12.539	142	920592	19.872	ng		100
40) 1,2,4,5-Tetrachloroben...	12.686	216	536934	19.205	ng		99
41) Hexachlorocyclopentadiene	12.675	237	317506	17.766	ng		99
43) 2,4,6-Trichlorophenol	12.922	196	331504	19.263	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	364770	19.408	ng	99
46) 1,1'-Biphenyl	13.328	154	1300397	19.936	ng	99
47) 2-Chloronaphthalene	13.369	162	1043593	20.066	ng	99
48) 2-Nitroaniline	13.563	65	222094	19.132	ng	98
49) Acenaphthylene	14.216	152	1578057	20.078	ng	99
50) Dimethylphthalate	13.945	163	1202901	19.873	ng	100
51) 2,6-Dinitrotoluene	14.057	165	231144	19.889	ng	99
52) Acenaphthene	14.557	154	990178	19.816	ng	99
53) 3-Nitroaniline	14.380	138	244460	19.779	ng	96
54) 2,4-Dinitrophenol	14.586	184	85284	18.641	ng	96
55) Dibenzofuran	14.886	168	1543545	20.048	ng	99
56) 4-Nitrophenol	14.680	139	198160	18.644	ng	99
57) 2,4-Dinitrotoluene	14.839	165	299004	18.935	ng	95
58) Fluorene	15.539	166	1255879	19.803	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	312205	19.733	ng	99
60) Diethylphthalate	15.310	149	1159537	20.055	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	644238	19.428	ng	99
62) 4-Nitroaniline	15.539	138	249635	19.209	ng	93
63) Azobenzene	15.822	77	1085005	20.436	ng	96
65) 4,6-Dinitro-2-methylph...	15.604	198	129223	18.758	ng	97
66) n-Nitrosodiphenylamine	15.739	169	1039509	19.819	ng	98
67) 4-Bromophenyl-phenylether	16.422	248	353272	19.130	ng	96
68) Hexachlorobenzene	16.539	284	424108	19.444	ng	99
69) Atrazine	16.686	200	333655	19.373	ng	97
70) Pentachlorophenol	16.874	266	243316	17.920	ng	98
71) Phenanthrene	17.269	178	1876408	19.784	ng	100
72) Anthracene	17.357	178	1859273	19.694	ng	99
73) Carbazole	17.621	167	1691521	19.801	ng	100
74) Di-n-butylphthalate	18.198	149	1829412	19.566	ng	100
75) Fluoranthene	19.274	202	1980887	19.212	ng	98
77) Benzidine	19.451	184	884477	20.422	ng	99
78) Pyrene	19.639	202	2140070	19.679	ng	99
80) Butylbenzylphthalate	20.533	149	681649	19.009	ng	95
81) Benzo(a)anthracene	21.433	228	2176940	19.676	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	689176	18.471	ng	100
83) Chrysene	21.498	228	2037978	19.529	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	1117874	19.638	ng	100
85) Di-n-octyl phthalate	22.521	149	1580618	17.729	ng	99
87) Indeno(1,2,3-cd)pyrene	27.927	276	2274737	19.328	ng	99
88) Benzo(b)fluoranthene	23.533	252	1948651	19.138	ng	99
89) Benzo(k)fluoranthene	23.592	252	2064811	19.544	ng	99
90) Benzo(a)pyrene	24.350	252	1819117	19.085	ng	99
91) Dibenzo(a,h)anthracene	27.991	278	1918673	19.357	ng	100
92) Benzo(g,h,i)perylene	28.997	276	1815952	19.385	ng	99

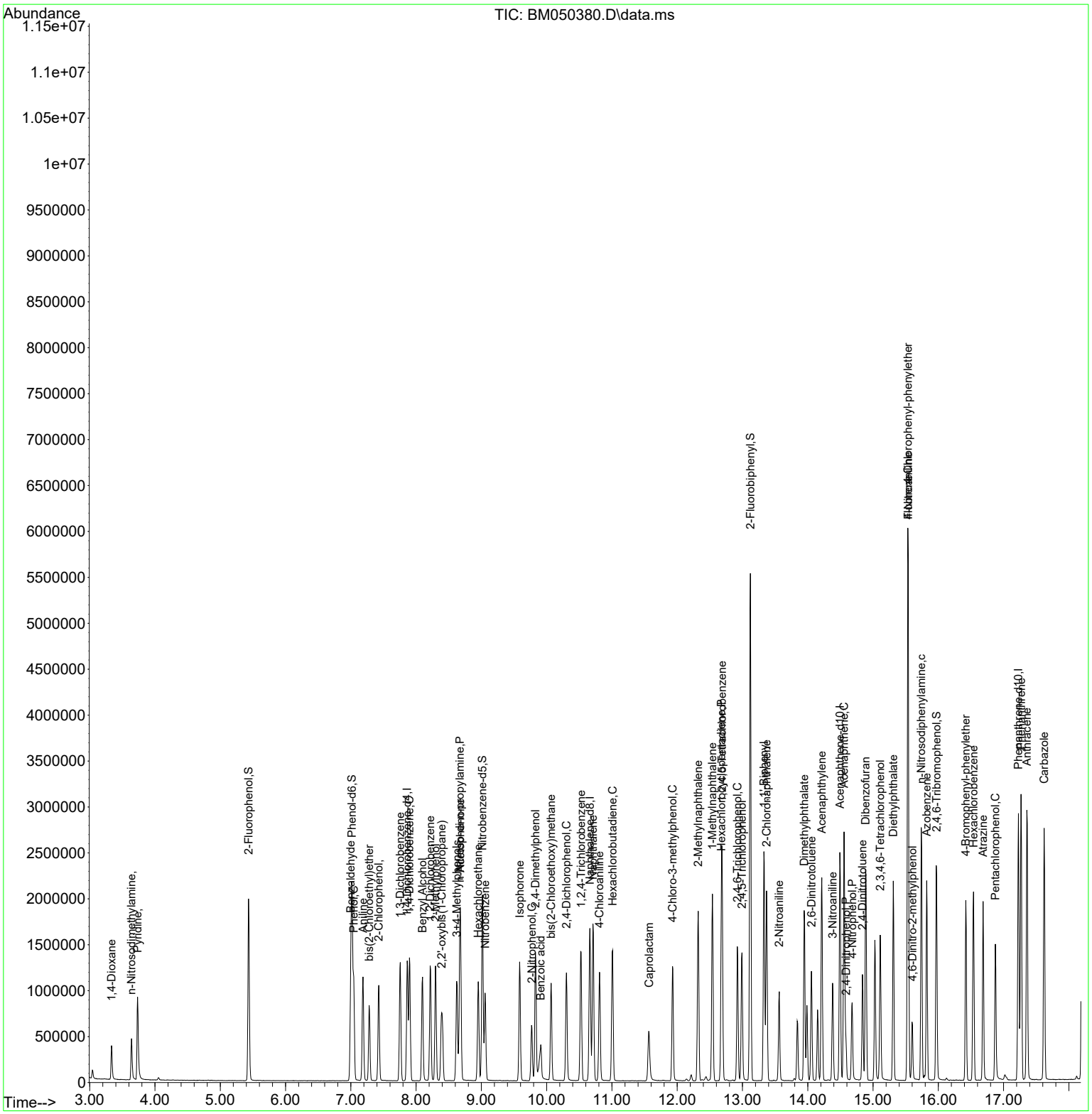
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

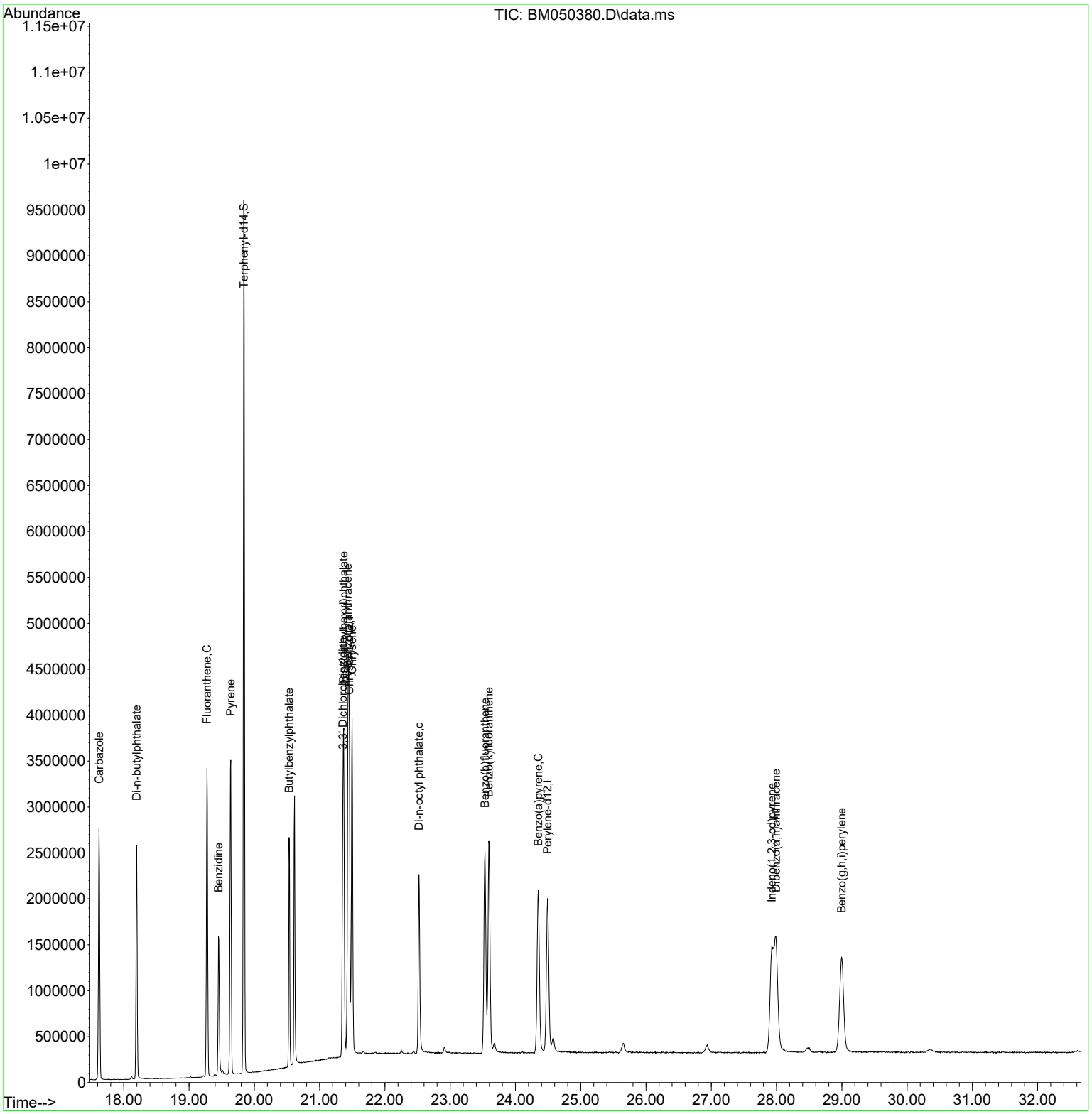


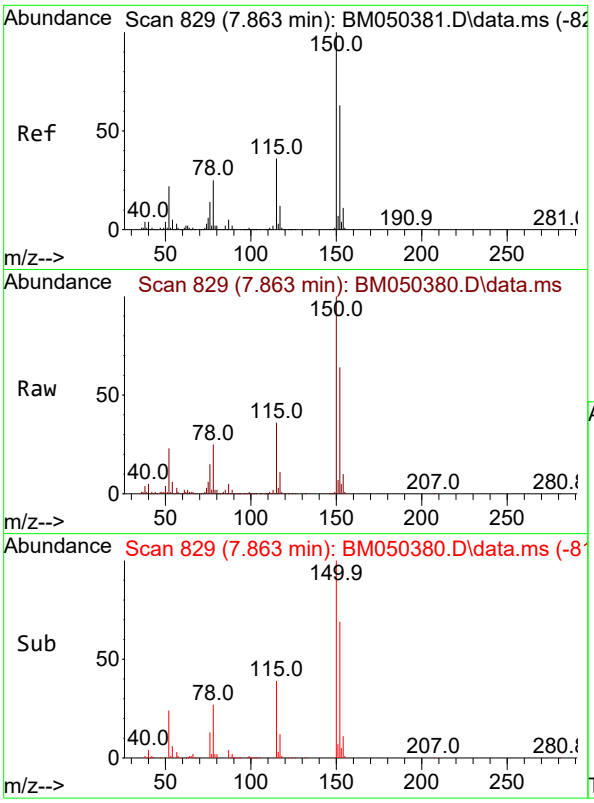
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



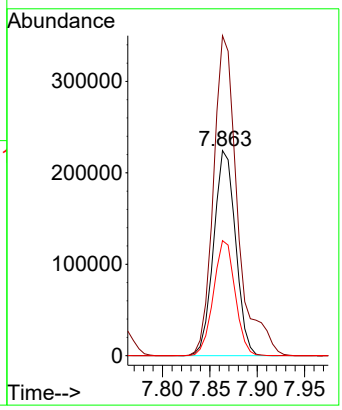


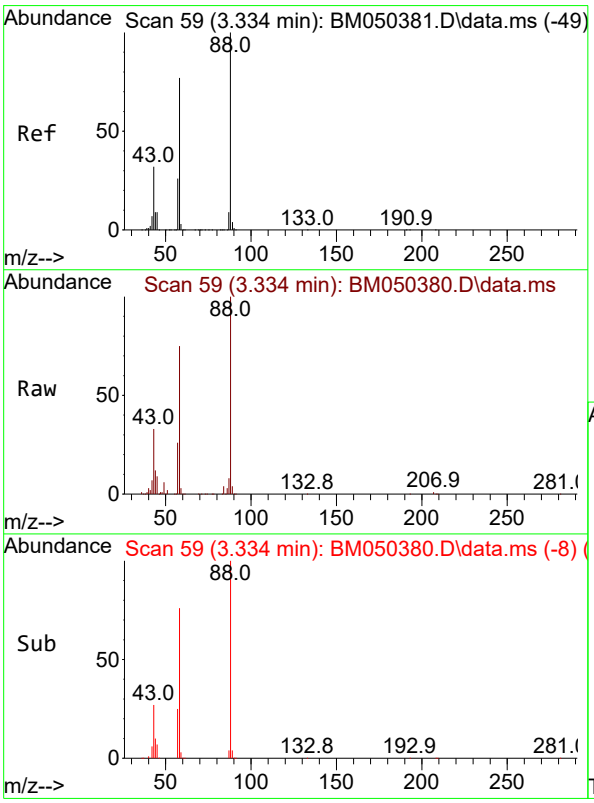
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 361505

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.4
115	56.1	45.8	68.8

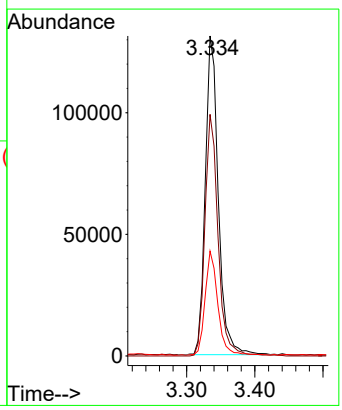


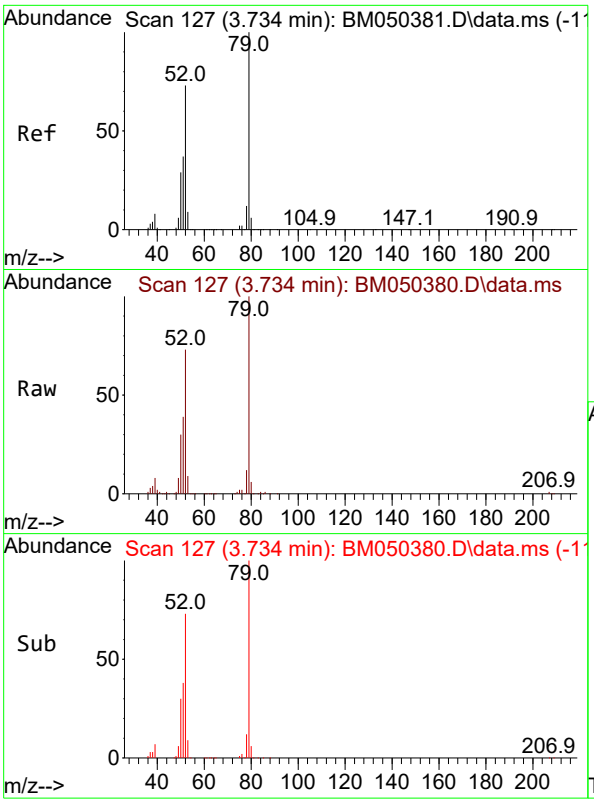


#2
1,4-Dioxane
Concen: 20.190 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 88 Resp: 174356

Ion	Ratio	Lower	Upper
88	100		
58	76.7	61.0	91.6
43	31.7	24.6	37.0



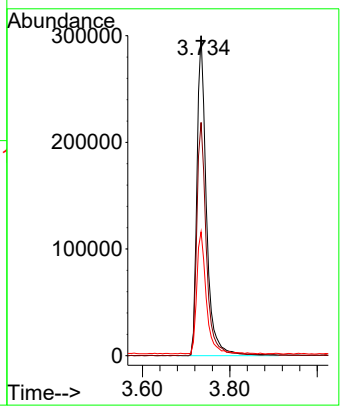


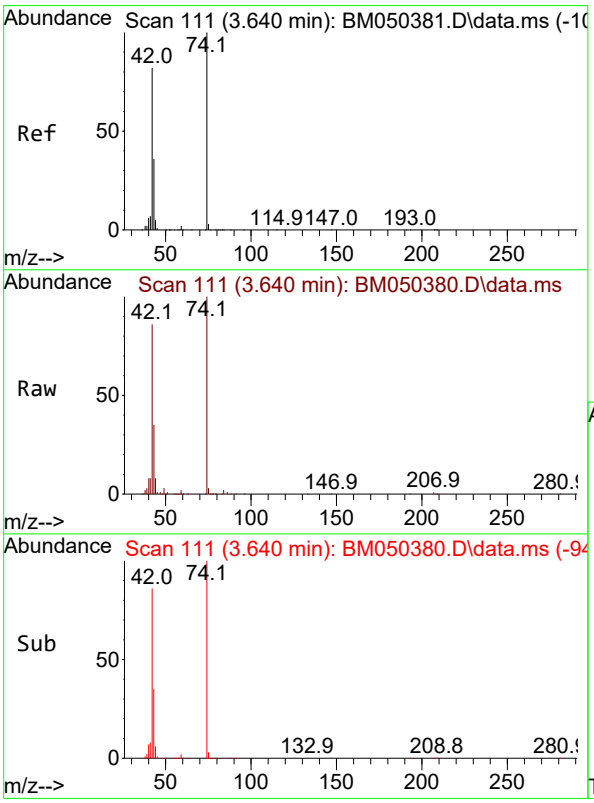
#3
Pyridine
Concen: 20.022 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 453940

Ion	Ratio	Lower	Upper
79	100		
52	72.9	58.3	87.5
51	38.7	29.6	44.4

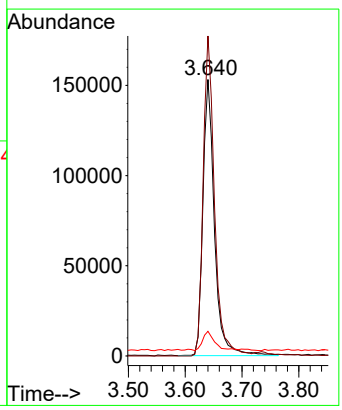


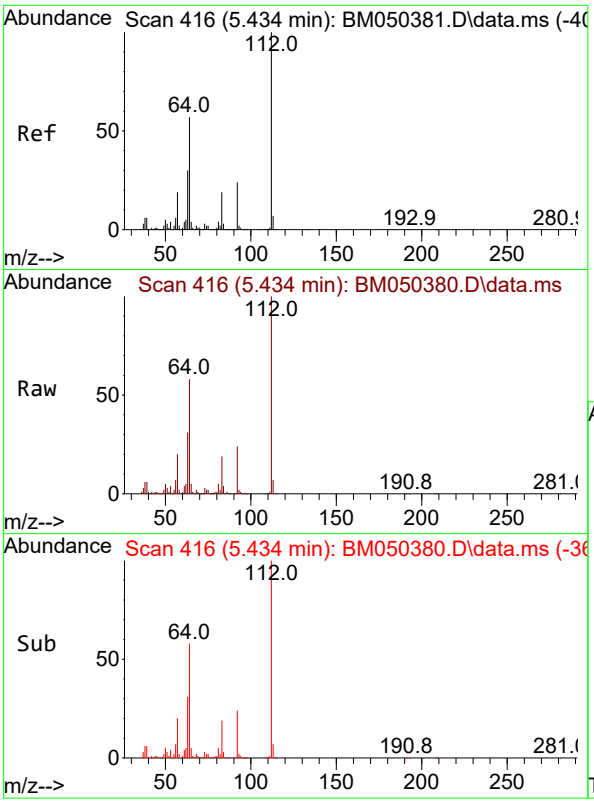


#4
n-Nitrosodimethylamine
Concen: 20.366 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 42 Resp: 215262

Ion	Ratio	Lower	Upper
42	100		
74	115.7	97.5	146.3
44	8.9	5.7	8.5#



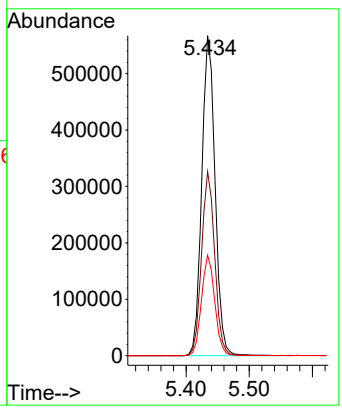


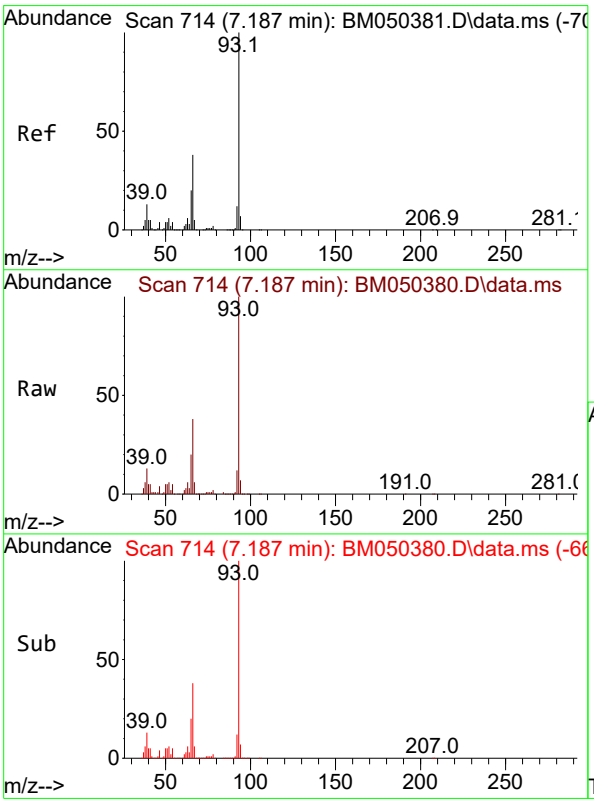
#5
2-Fluorophenol
Concen: 39.560 ng
RT: 5.434 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 830817

Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.5	68.3
63	31.4	24.2	36.4

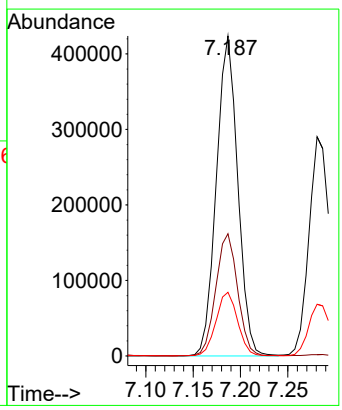


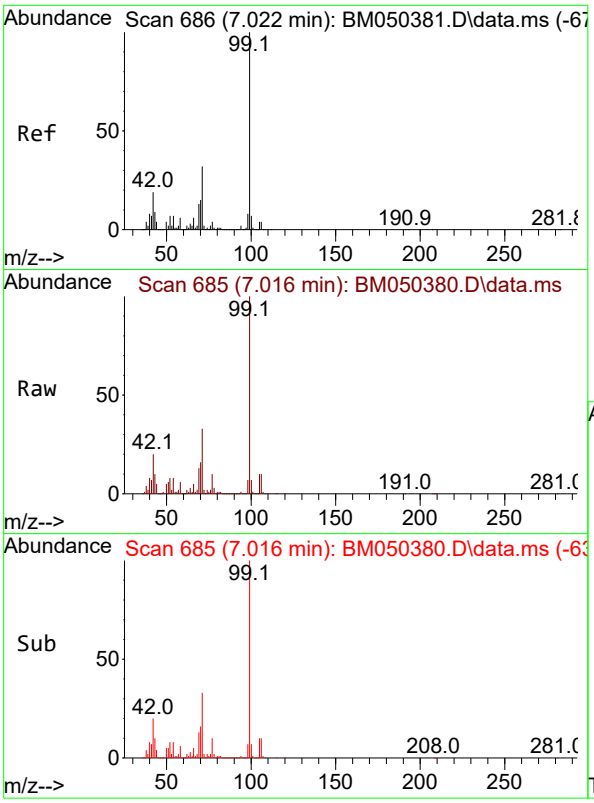


#6
Aniline
Concen: 19.625 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 93 Resp: 666785

Ion	Ratio	Lower	Upper
93	100		
66	38.2	30.5	45.7
65	19.9	15.9	23.9



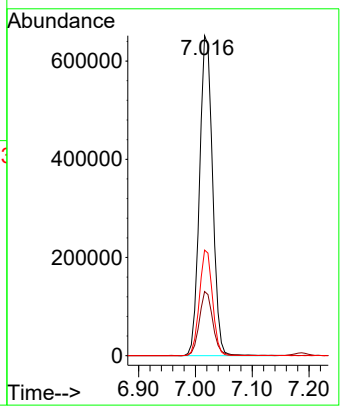


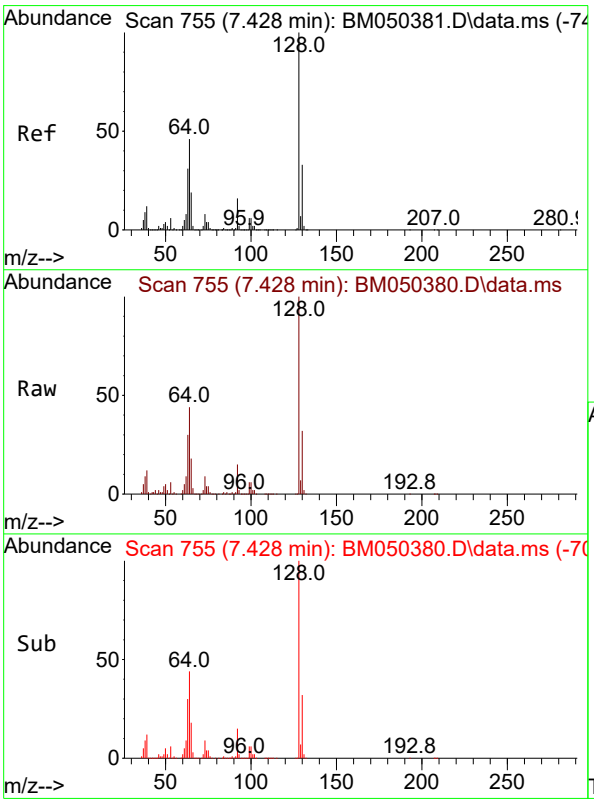
#7
Phenol-d6
Concen: 39.345 ng
RT: 7.016 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 1041640

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.0	22.6
71	33.0	25.9	38.9

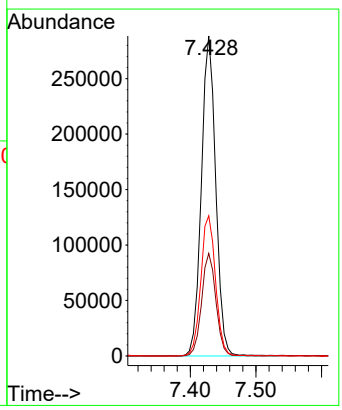


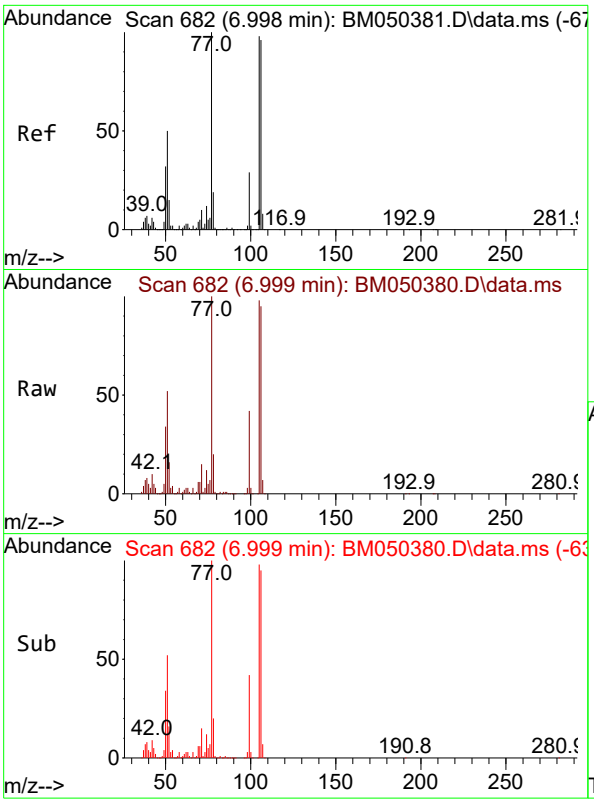


#8
2-Chlorophenol
Concen: 19.898 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:128 Resp: 440657

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.3	53.3
64	43.8	25.6	65.6



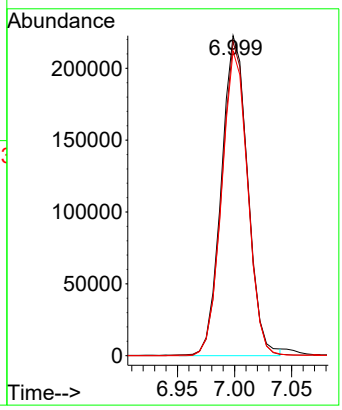


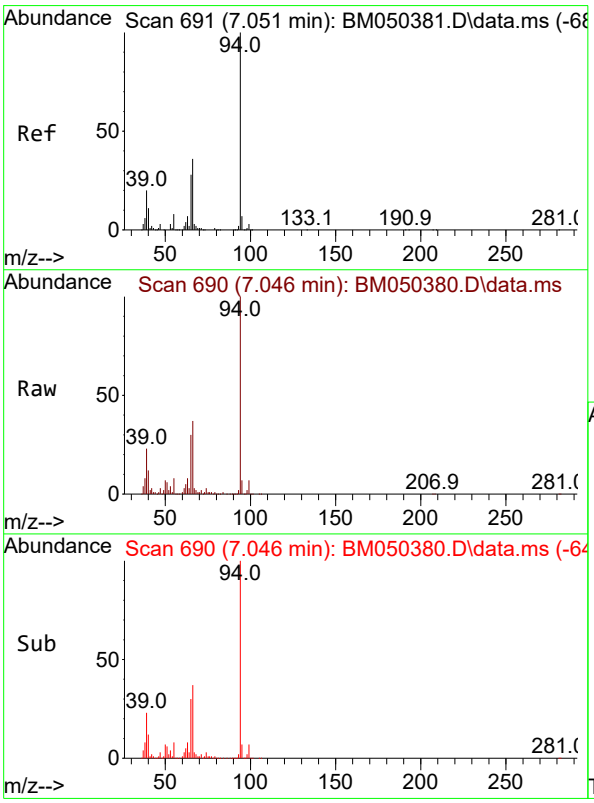
#9
Benzaldehyde
Concen: 22.600 ng m
RT: 6.999 min Scan# 6
Delta R.T. 0.001 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 355966

Ion	Ratio	Lower	Upper
77	100		
105	98.1	78.4	118.4
106	95.2	76.3	116.3

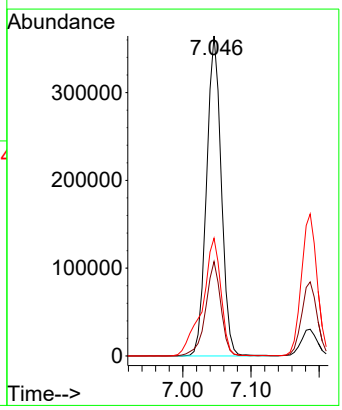


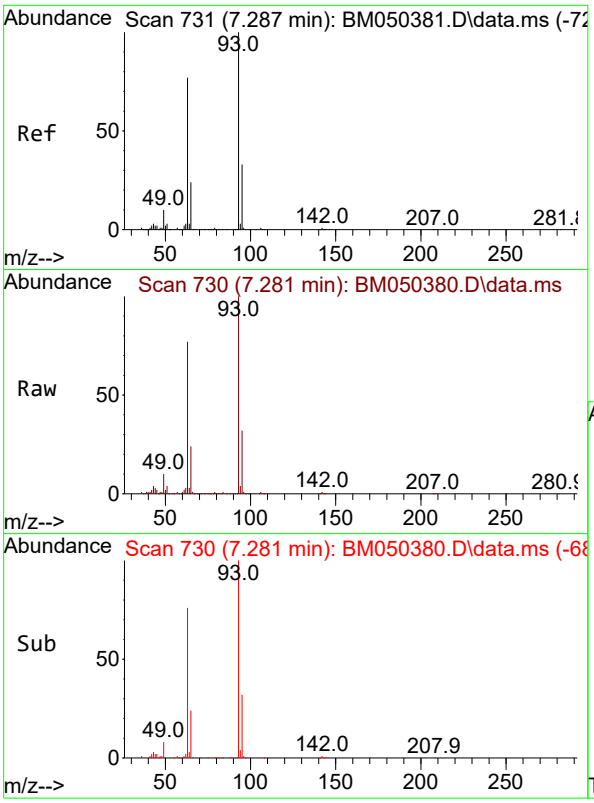


#10
Phenol
Concen: 19.845 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 94 Resp: 548000

Ion	Ratio	Lower	Upper
94	100		
65	29.5	8.1	48.1
66	36.8	15.8	55.8



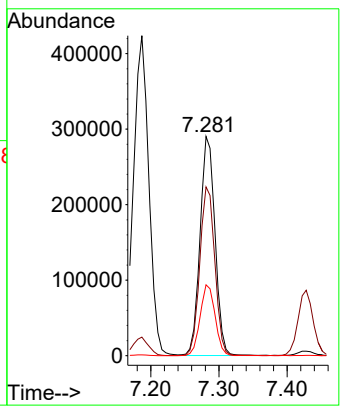


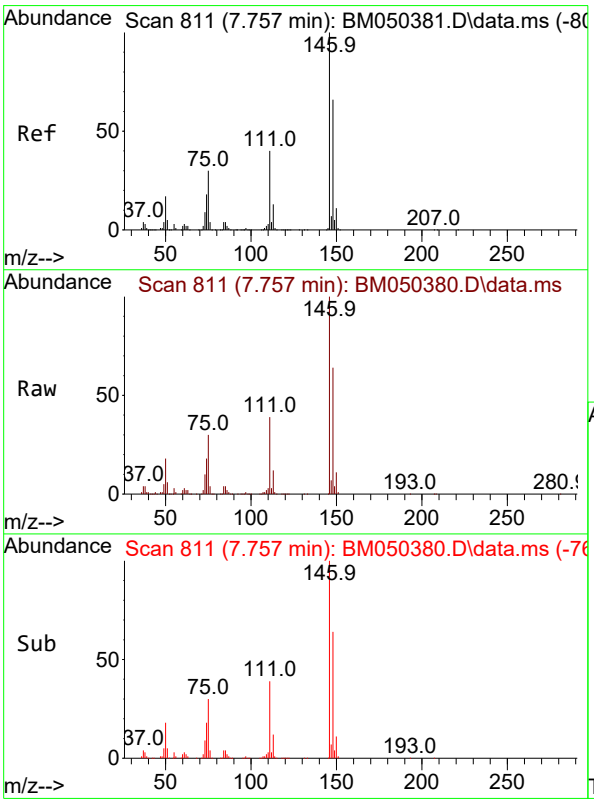
#11
bis(2-Chloroethyl)ether
Concen: 20.000 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 442290

Ion	Ratio	Lower	Upper
93	100		
63	77.0	56.9	96.9
95	32.3	12.6	52.6

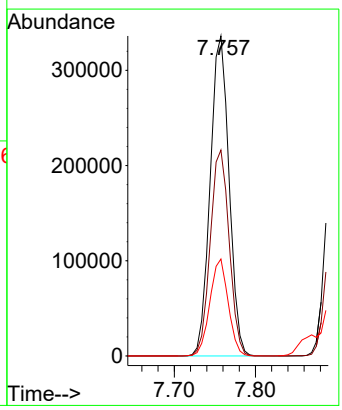


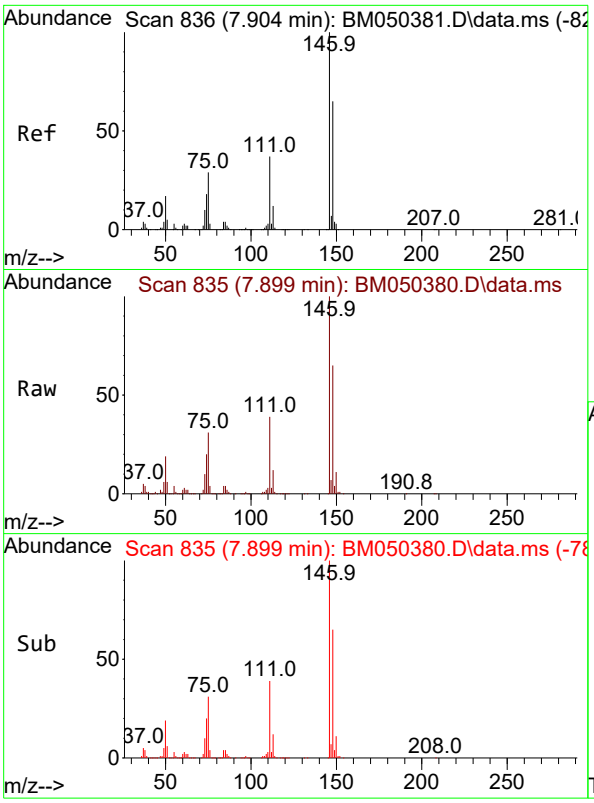


#12
1,3-Dichlorobenzene
Concen: 20.088 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:146 Resp: 540913

Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.2	79.8
75	30.3	23.9	35.9



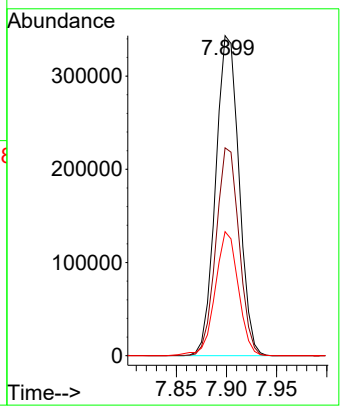


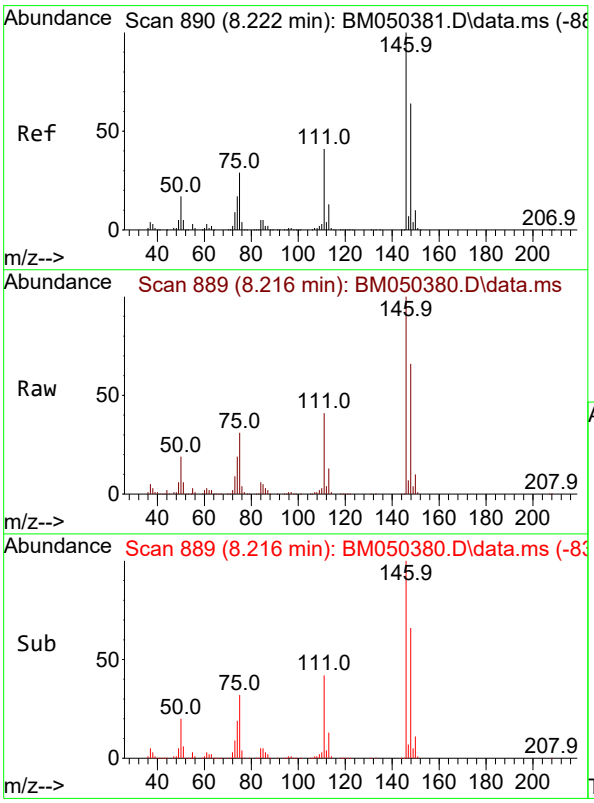
#13
1,4-Dichlorobenzene
Concen: 20.200 ng
RT: 7.899 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 555418

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	38.8	30.0	45.0

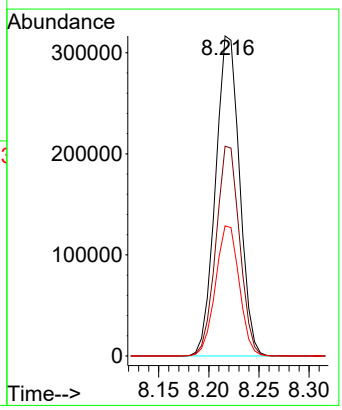


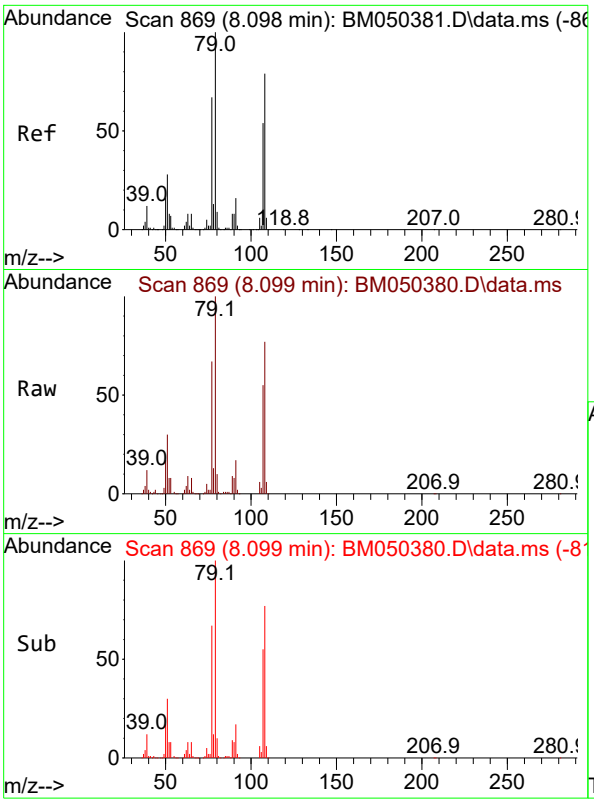


#14
1,2-Dichlorobenzene
Concen: 19.966 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:146 Resp: 525580

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.5	77.3
111	40.6	32.6	49.0



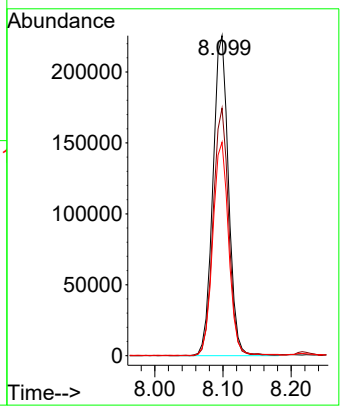


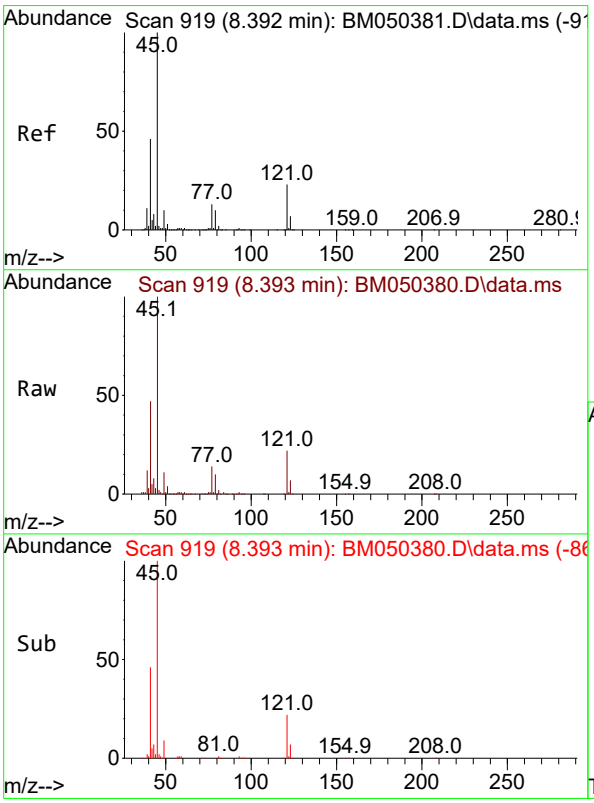
#15
Benzyl Alcohol
Concen: 19.292 ng
RT: 8.099 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 359867

Ion	Ratio	Lower	Upper
79	100		
108	77.3	63.0	94.4
77	66.7	53.4	80.0

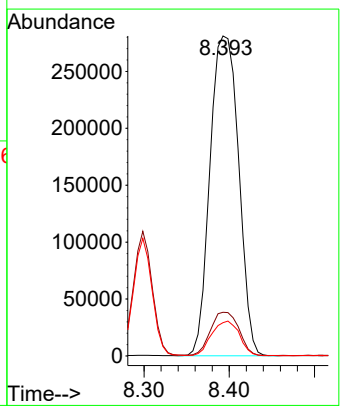


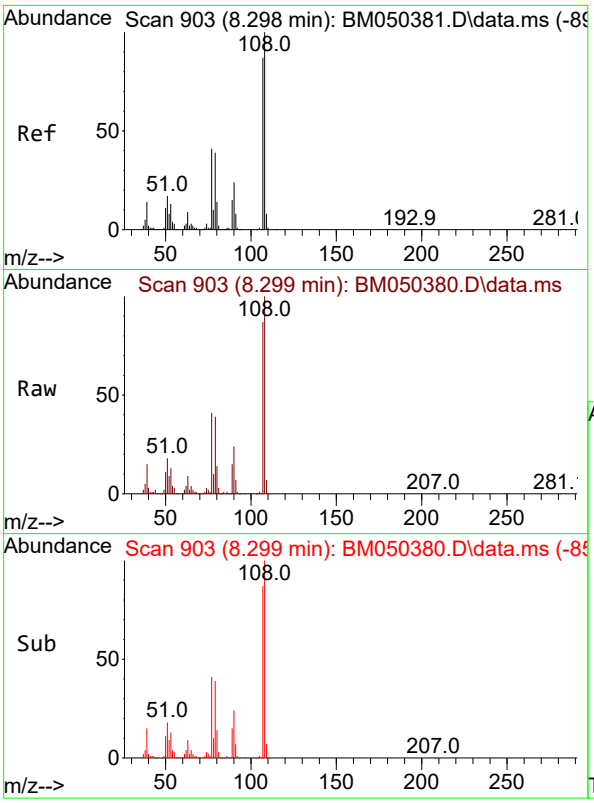


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.176 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 45 Resp: 657213

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.4	0.0	30.3



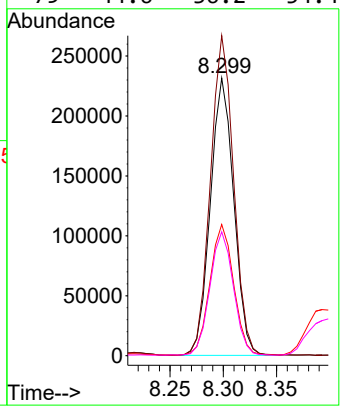


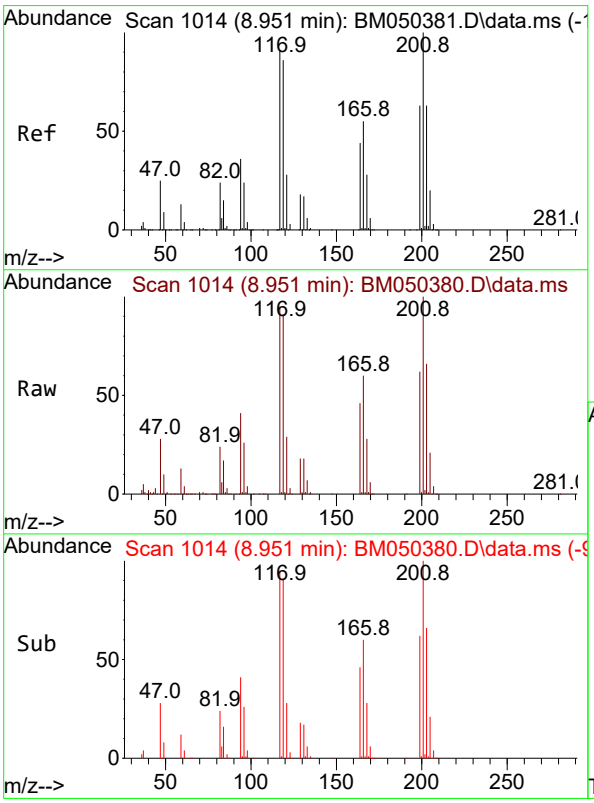
#17
2-Methylphenol
Concen: 19.772 ng
RT: 8.299 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 354110

Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.1	138.1
77	47.3	38.2	57.4
79	44.6	36.2	54.4

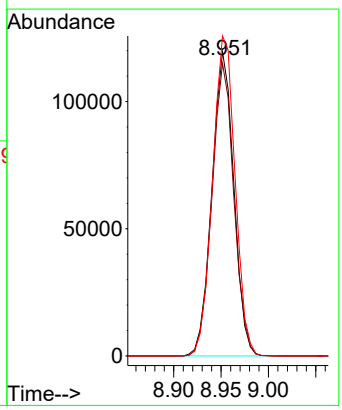


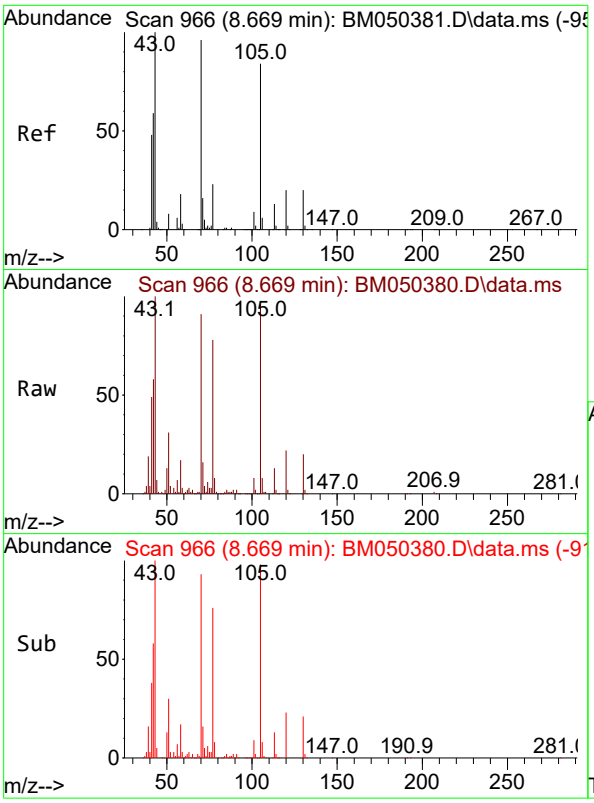


#18
Hexachloroethane
Concen: 19.883 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:117 Resp: 192269

Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.6	113.4
201	105.2	87.9	131.9



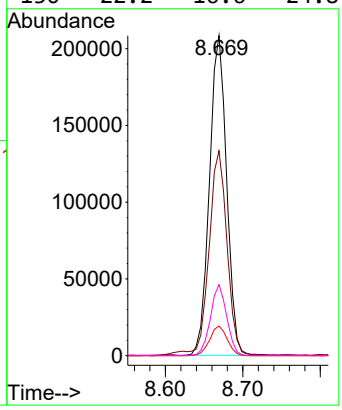


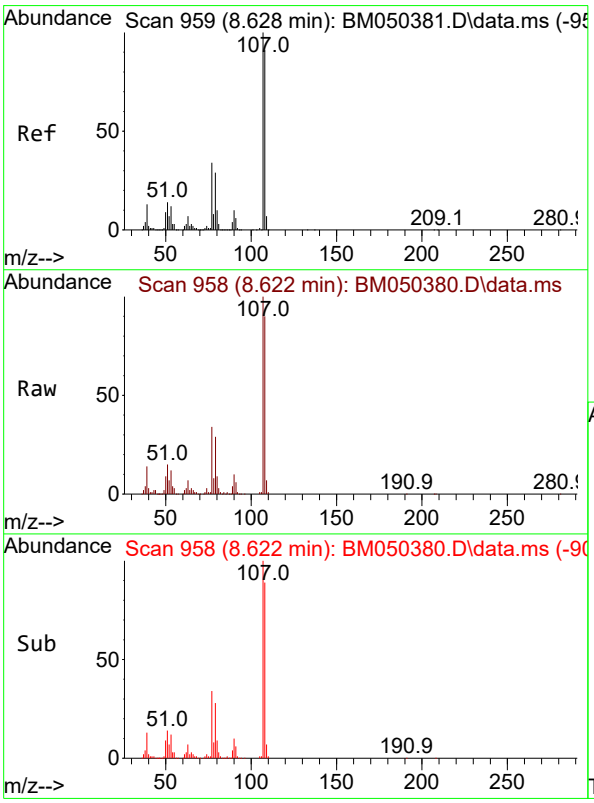
#19
n-Nitroso-di-n-propylamine
Concen: 20.010 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 320932

Ion	Ratio	Lower	Upper
70	100		
42	64.0	49.7	74.5
101	9.2	7.7	11.5
130	22.2	16.6	24.8

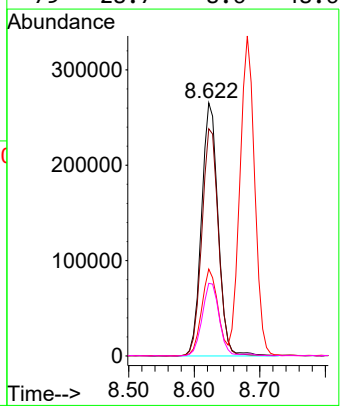


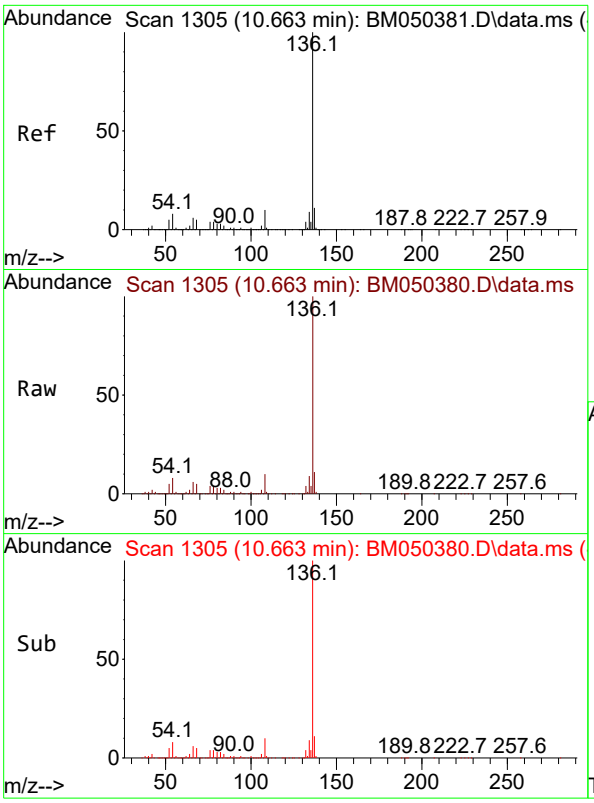


#20
3+4-Methylphenols
Concen: 19.493 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:107 Resp: 468665

Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.5	111.5
77	34.3	13.7	53.7
79	28.7	8.6	48.6



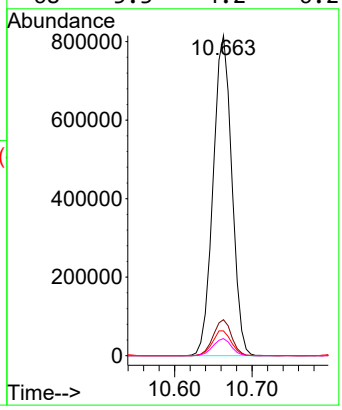


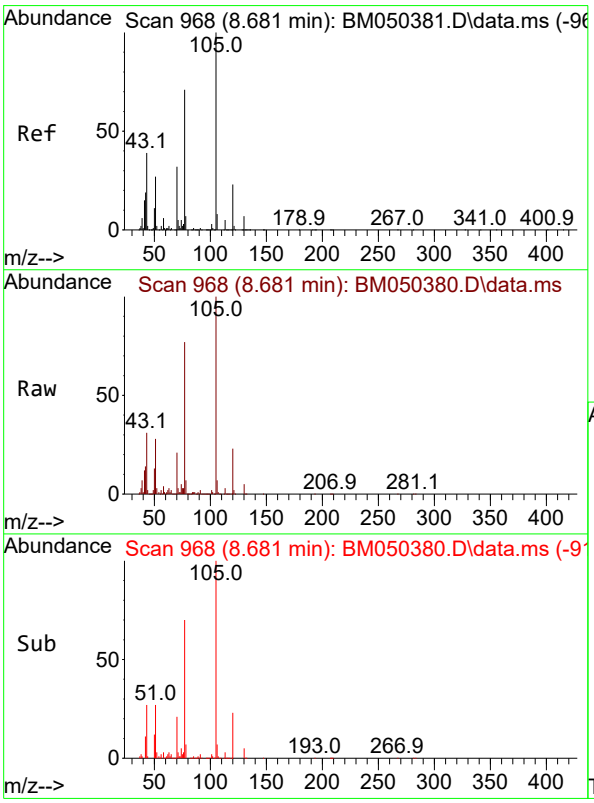
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 1364913

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.7	6.3	9.5
68	5.3	4.2	6.2

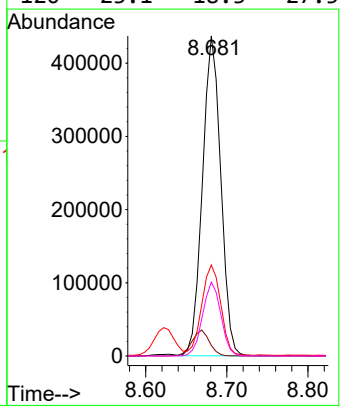


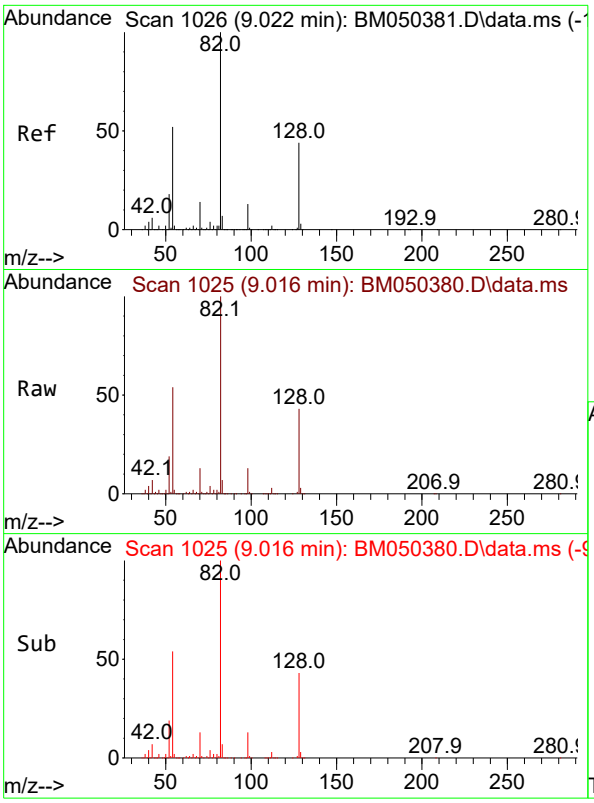


#22
Acetophenone
Concen: 20.046 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:105 Resp: 684104

Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.4	6.6#
51	28.4	23.0	34.6
120	23.1	18.3	27.5



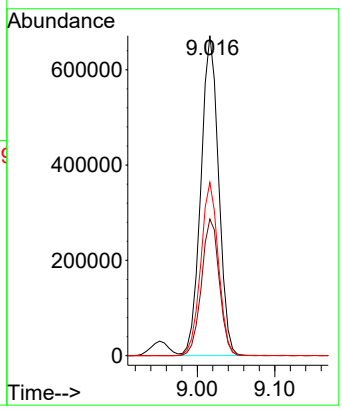


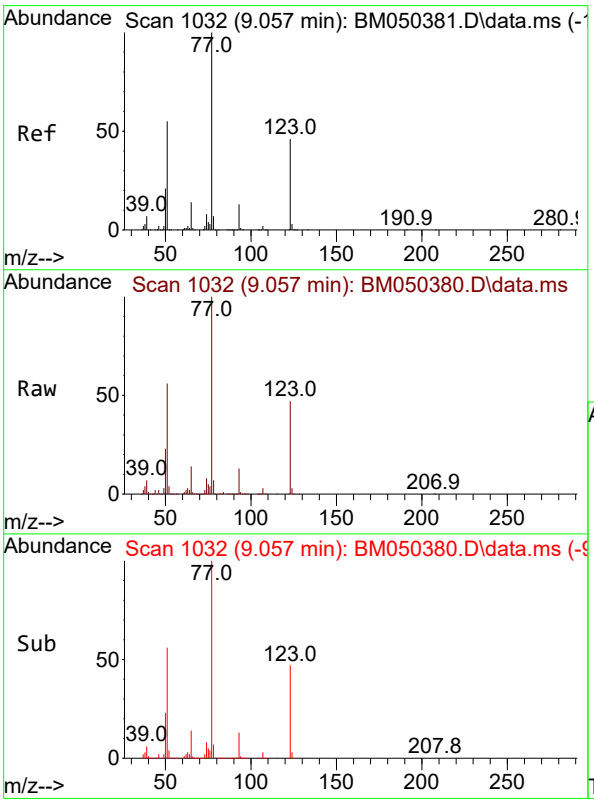
#23
Nitrobenzene-d5
Concen: 39.813 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 1065139

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.2	52.8
54	54.1	41.5	62.3

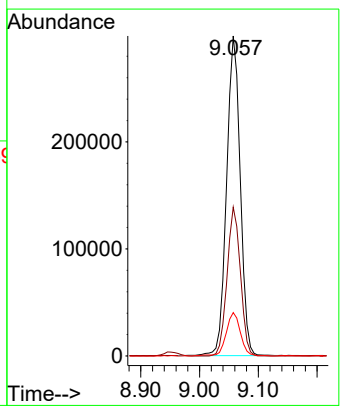


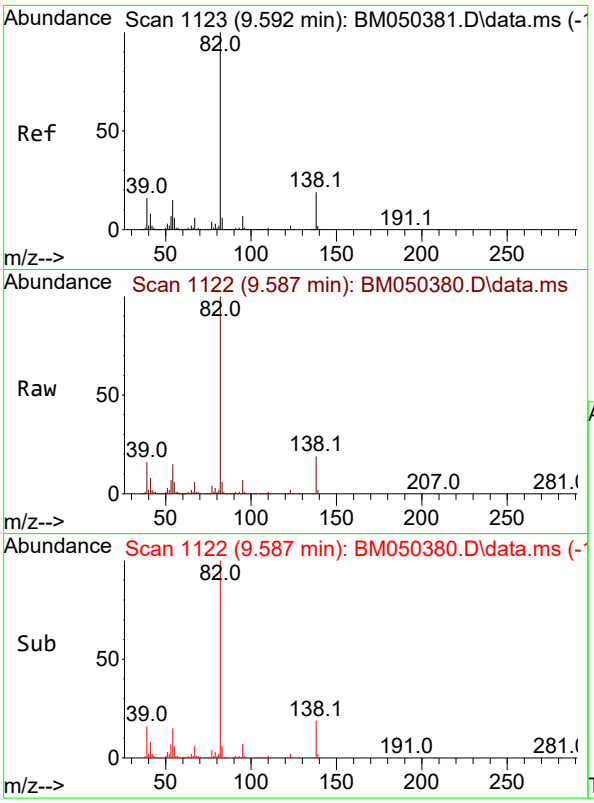


#24
Nitrobenzene
Concen: 20.179 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 77 Resp: 481755

Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.0	55.6
65	13.5	11.0	16.4



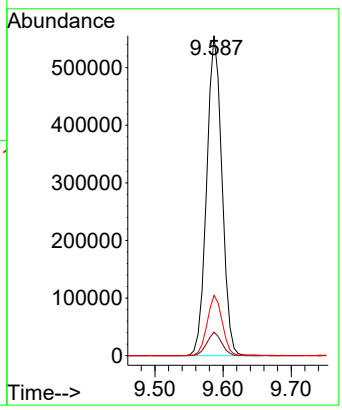


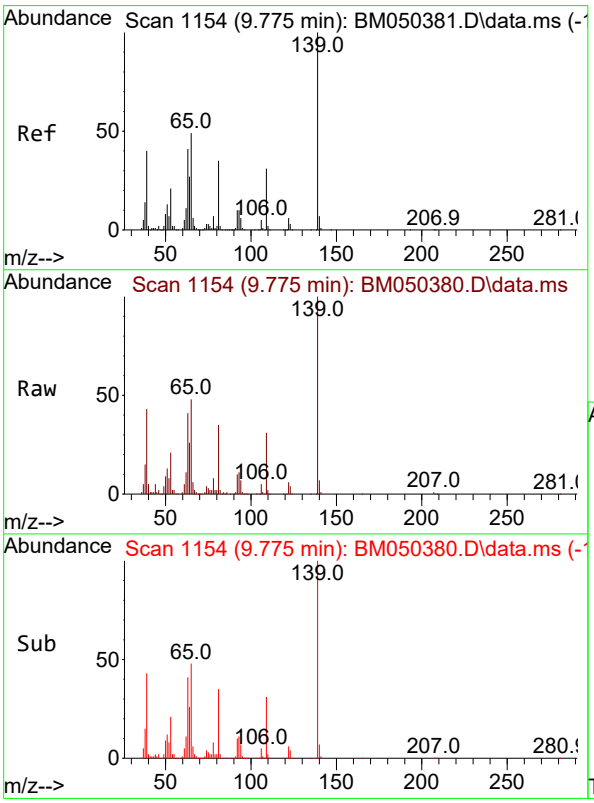
#25
Isophorone
Concen: 19.946 ng
RT: 9.587 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 865912

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	18.8	15.3	22.9

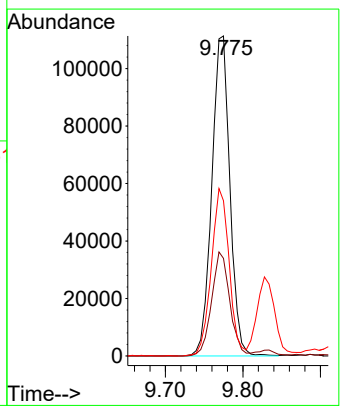


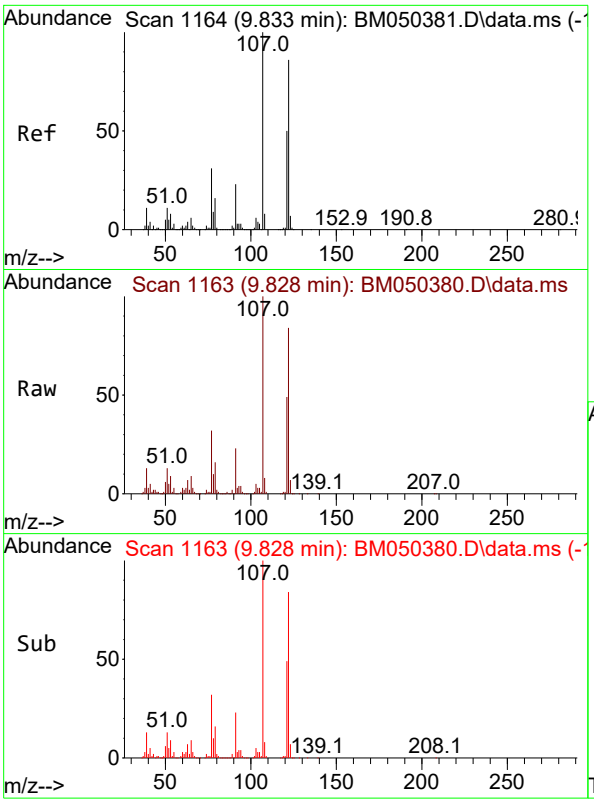


#26
2-Nitrophenol
Concen: 18.532 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:139 Resp: 180315

Ion	Ratio	Lower	Upper
139	100		
109	30.5	24.6	36.8
65	48.5	39.2	58.8



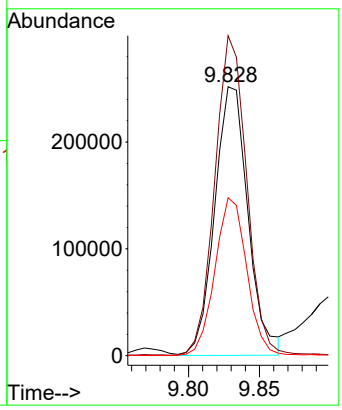


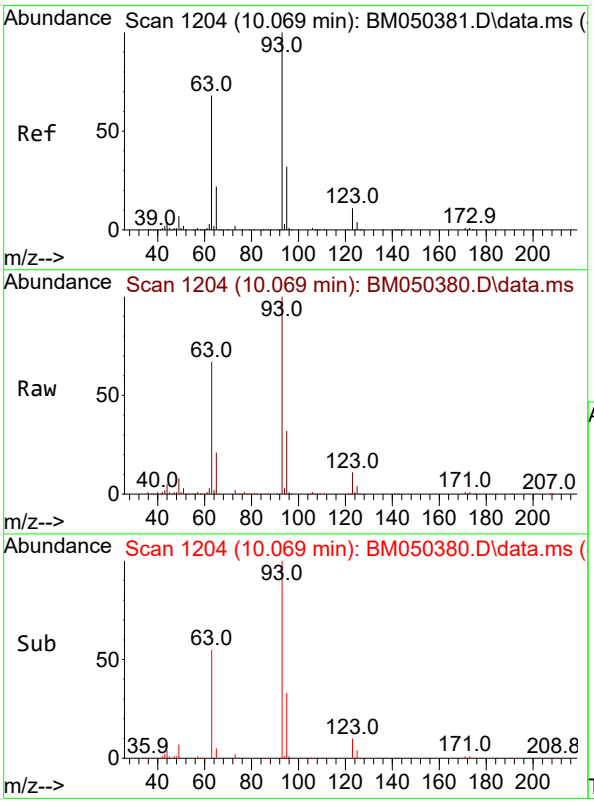
#27
2,4-Dimethylphenol
Concen: 19.828 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 410521

Ion	Ratio	Lower	Upper
122	100		
107	119.0	93.0	139.6
121	58.7	46.1	69.1

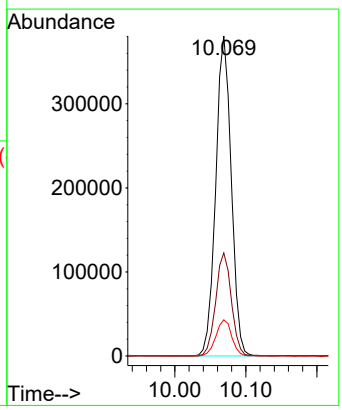


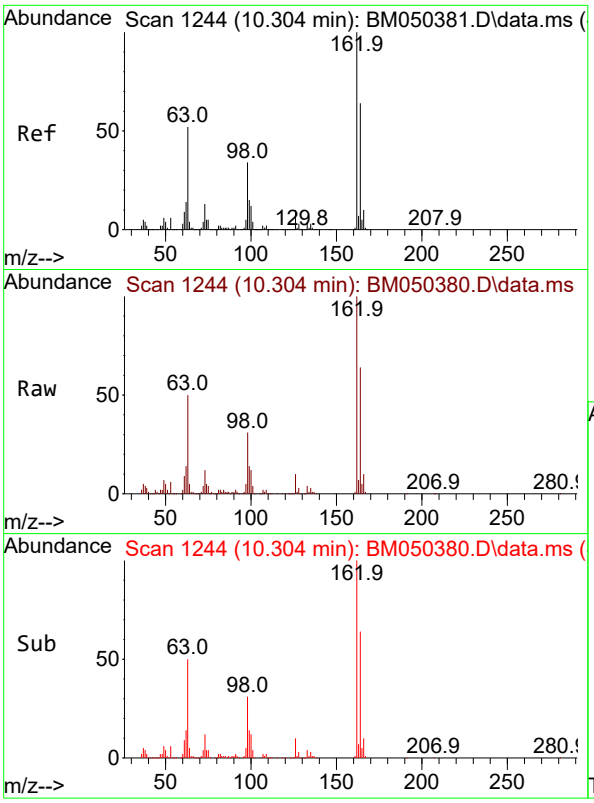


#28
bis(2-Chloroethoxy)methane
Concen: 20.023 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 93 Resp: 575979

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	11.3	9.1	13.7



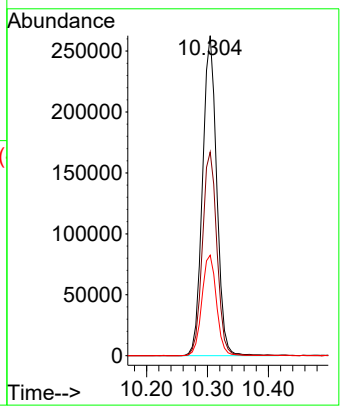


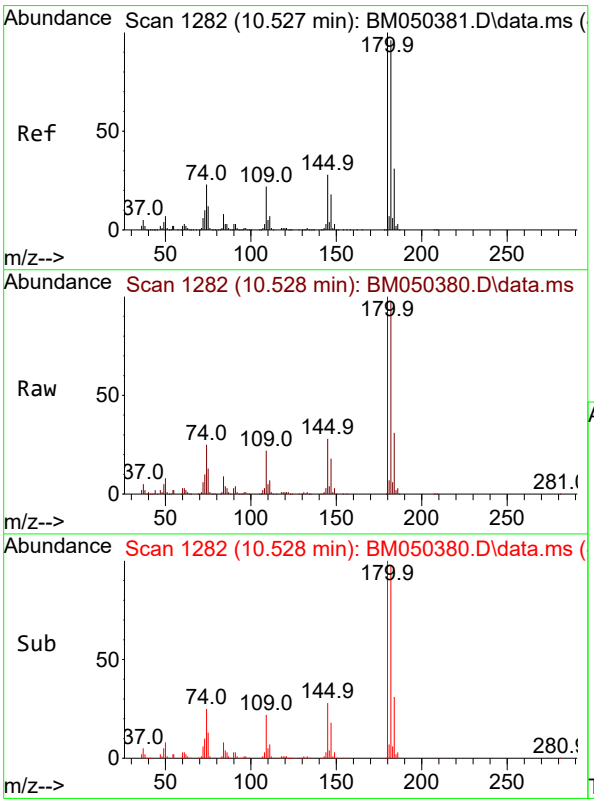
#29
2,4-Dichlorophenol
Concen: 19.970 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 424771

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	31.4	13.7	53.7

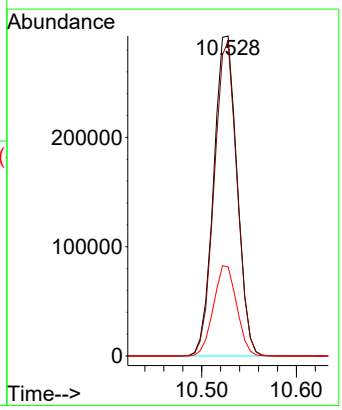


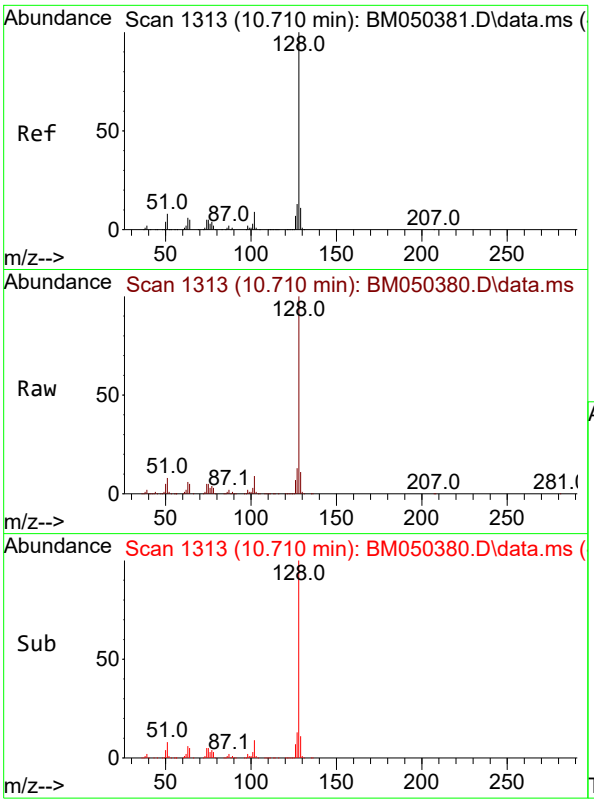


#30
1,2,4-Trichlorobenzene
Concen: 19.769 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:180 Resp: 503042

Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.8	115.2
145	27.9	22.6	33.8



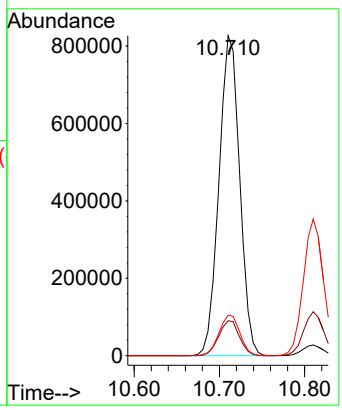


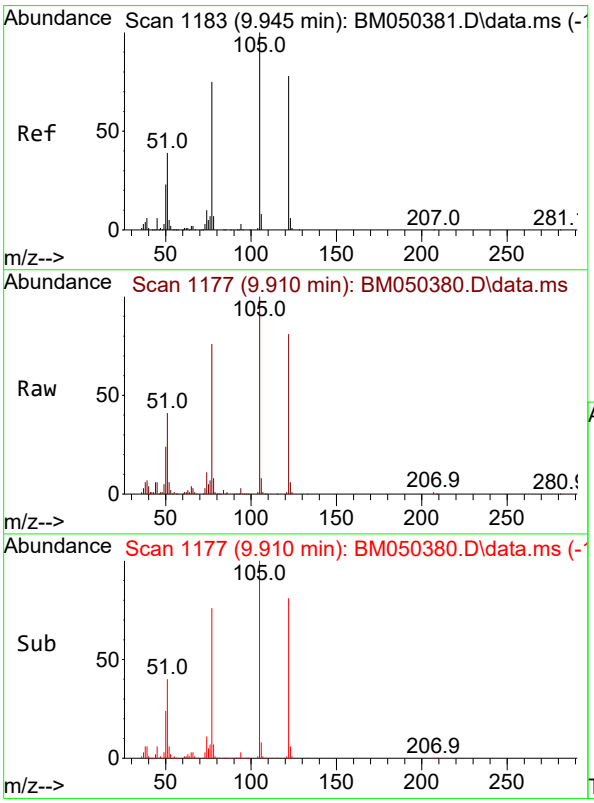
#31
Naphthalene
Concen: 20.160 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 1397680

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.7	10.4	15.6

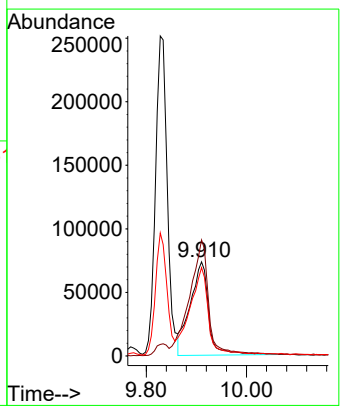


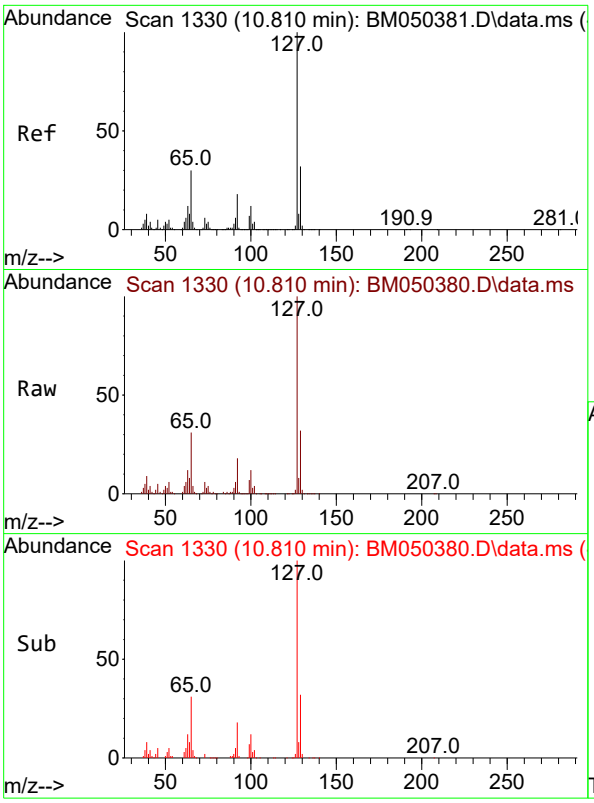


#32
Benzoic acid
Concen: 19.011 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.035 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:122 Resp: 189237

Ion	Ratio	Lower	Upper
122	100		
105	123.3	104.0	144.0
77	93.9	73.8	113.8



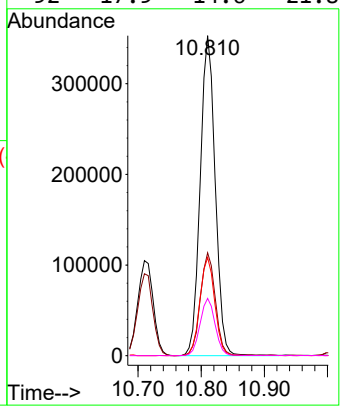


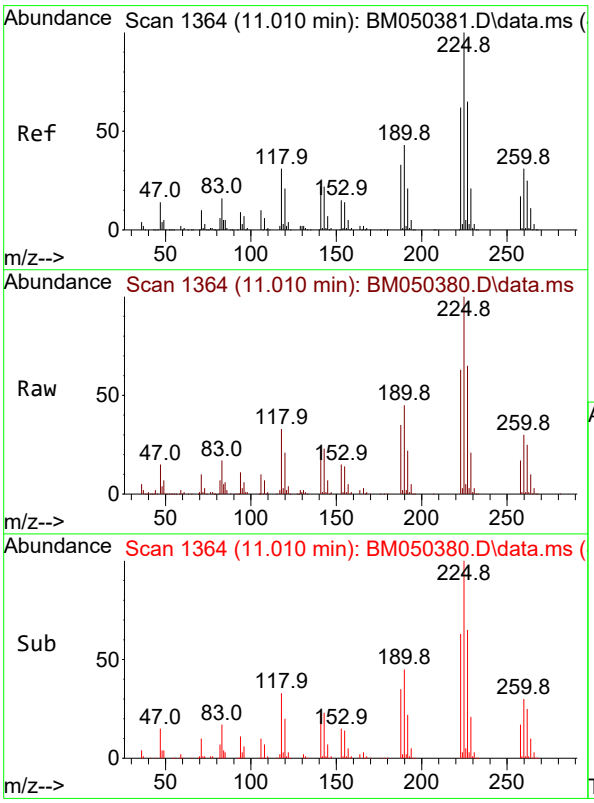
#33
4-Chloroaniline
Concen: 19.867 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 582272

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.5	38.3
65	30.7	23.9	35.9
92	17.9	14.6	21.8

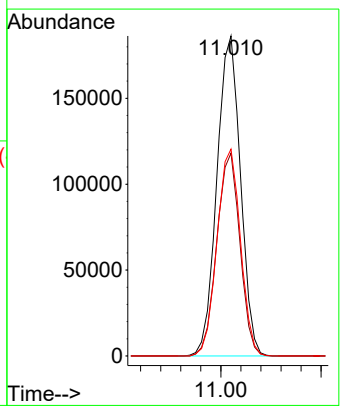


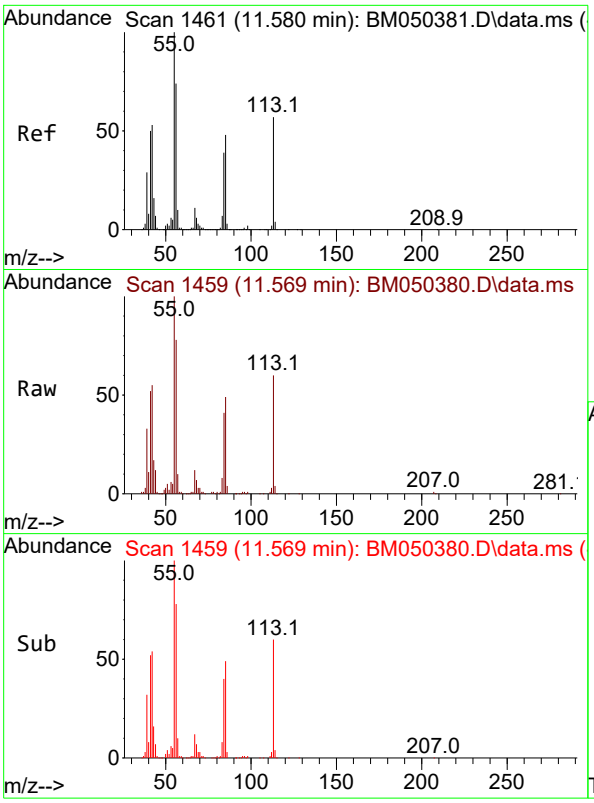


#34
Hexachlorobutadiene
Concen: 19.552 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:225 Resp: 303657

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	64.7	52.1	78.1



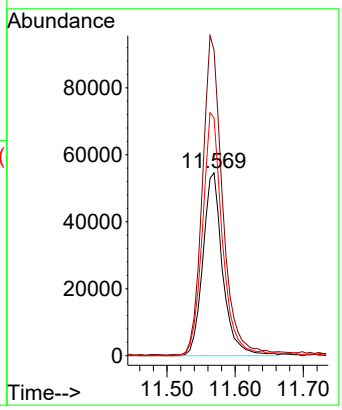


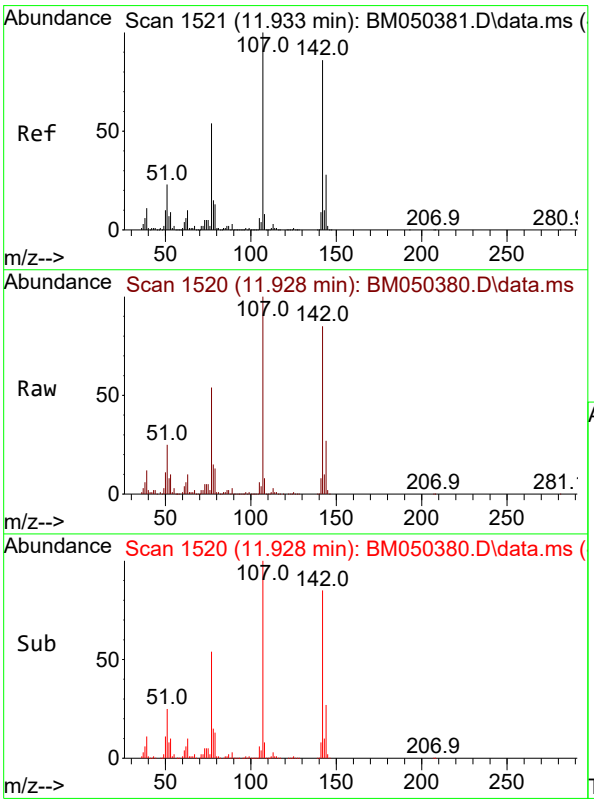
#35
Caprolactam
Concen: 18.951 ng
RT: 11.569 min Scan# 14
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 110042

Ion	Ratio	Lower	Upper
113	100		
55	167.1	157.2	197.2
56	130.0	111.7	151.7

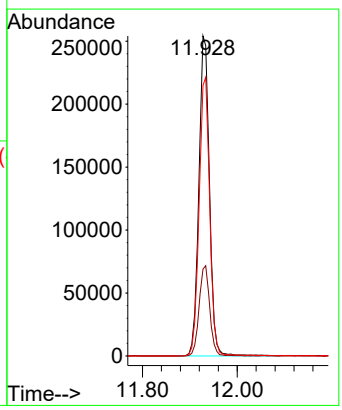


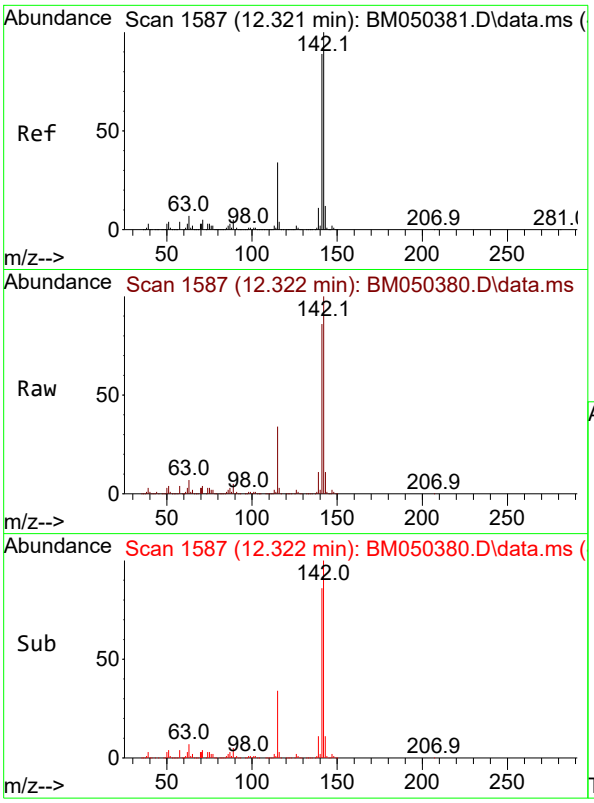


#36
4-Chloro-3-methylphenol
Concen: 19.804 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:107 Resp: 393366

Ion	Ratio	Lower	Upper
107	100		
144	27.2	22.2	33.4
142	84.5	68.7	103.1



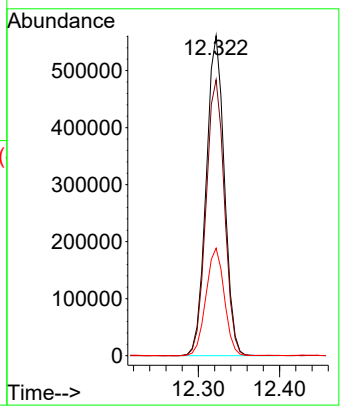


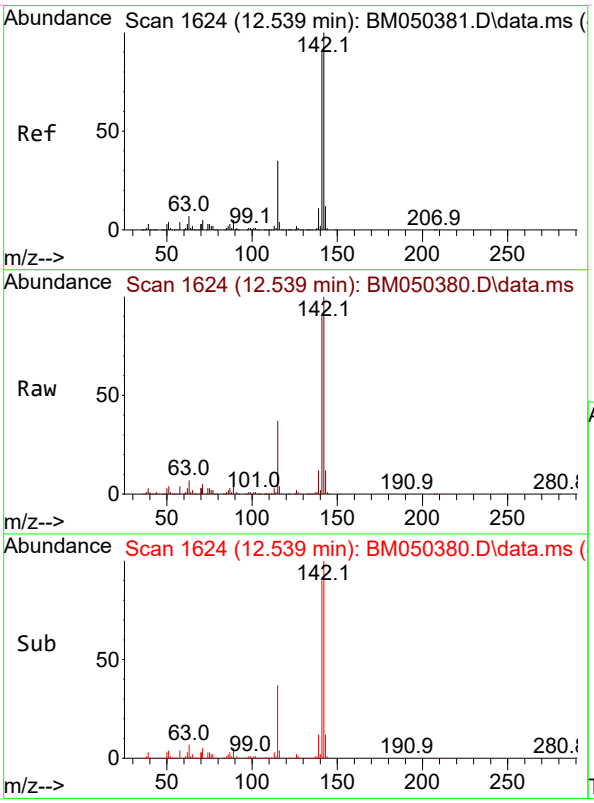
#37
2-Methylnaphthalene
Concen: 19.906 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 871365

Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.8	106.2
115	33.6	27.0	40.4

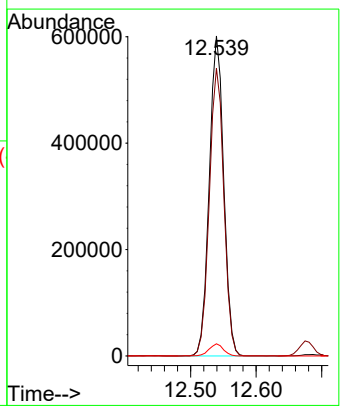


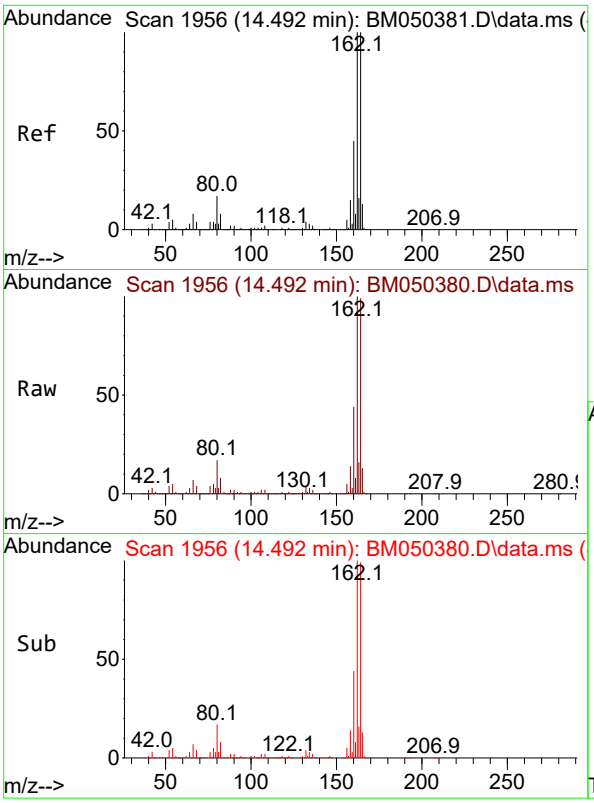


#38
1-Methylnaphthalene
Concen: 19.872 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:142 Resp: 920592

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
116	3.8	3.0	4.6



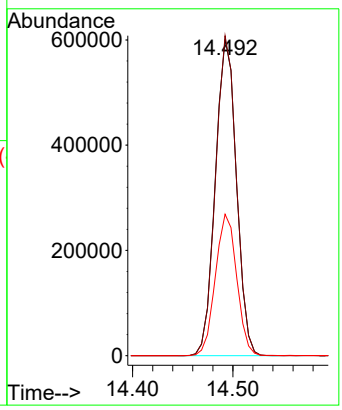


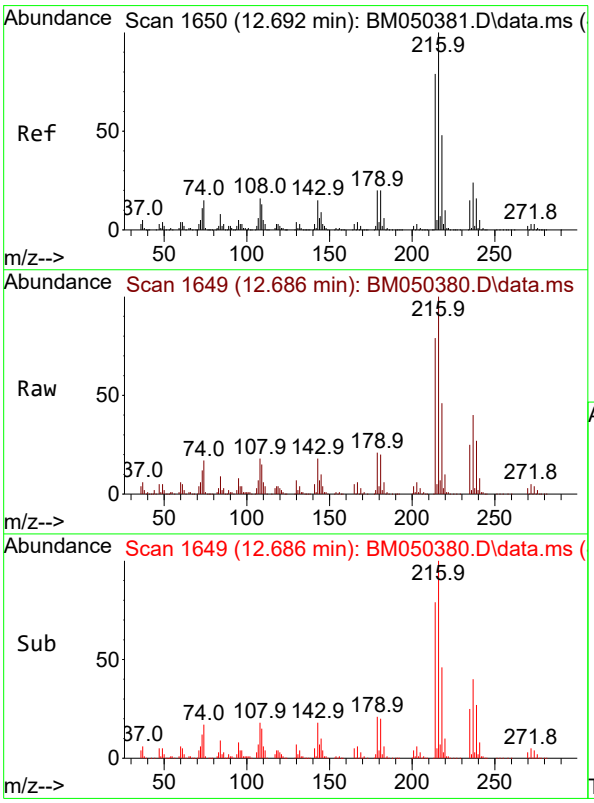
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 879171

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.9	119.9
160	44.7	36.2	54.4

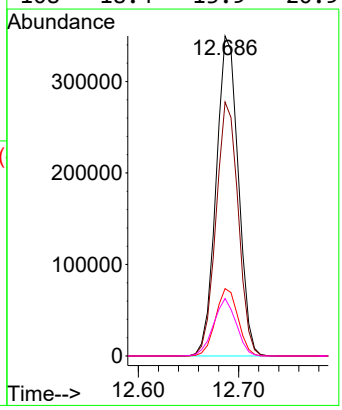


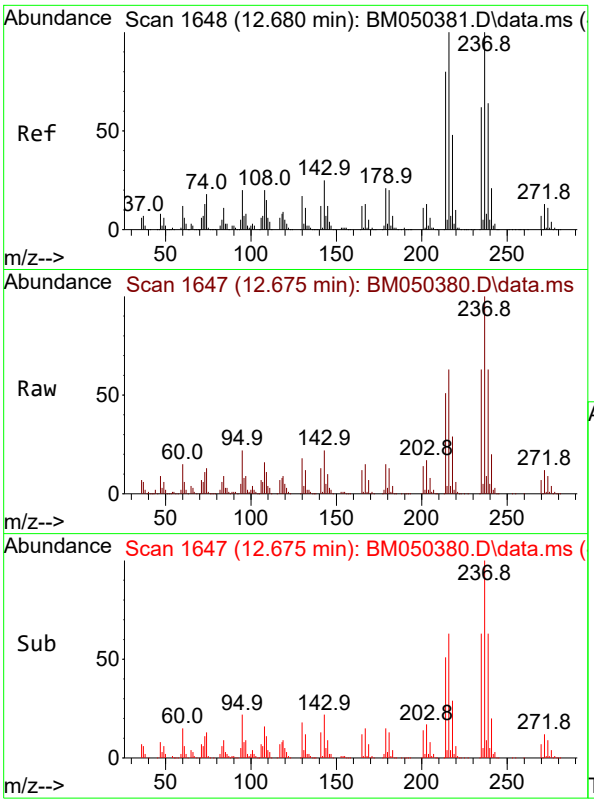


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.205 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:216 Resp: 536934

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	21.3	16.4	24.6
108	18.4	13.9	20.9



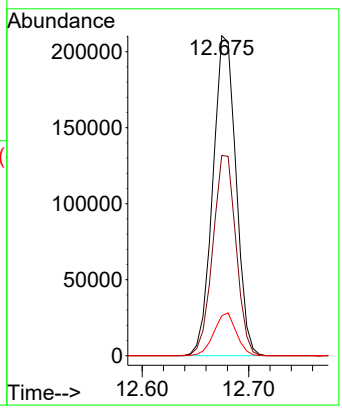


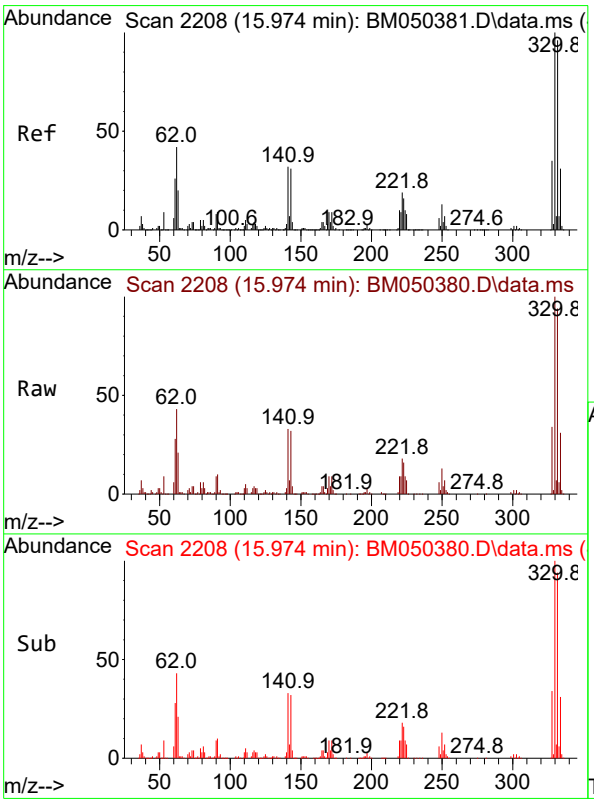
#41
Hexachlorocyclopentadiene
Concen: 17.766 ng
RT: 12.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 317506

Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.3	82.3
272	12.5	0.0	33.0

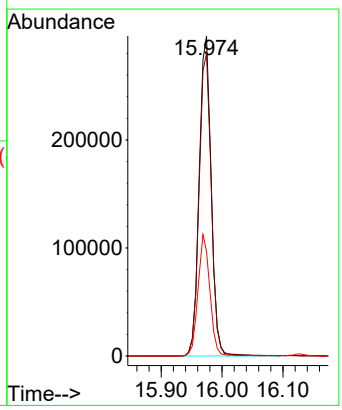


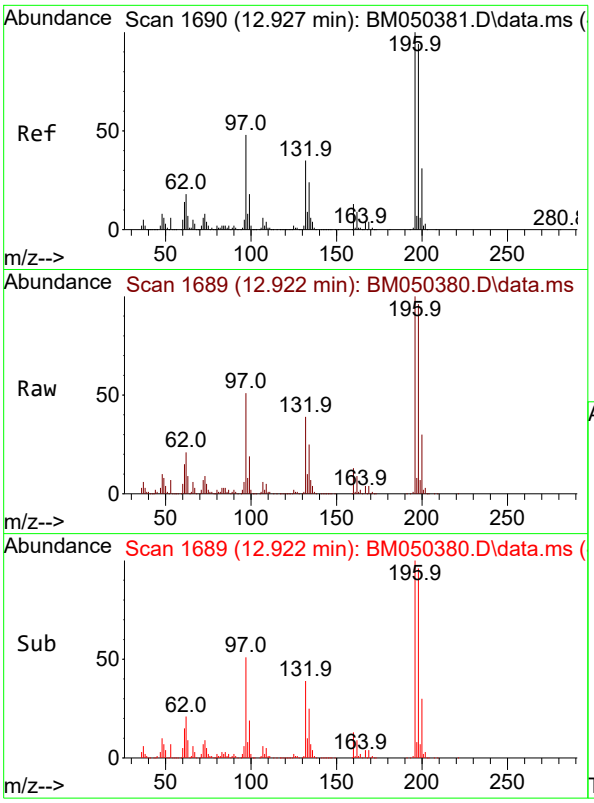


#42
2,4,6-Tribromophenol
Concen: 37.846 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:330 Resp: 404270

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	37.3	27.4	41.0



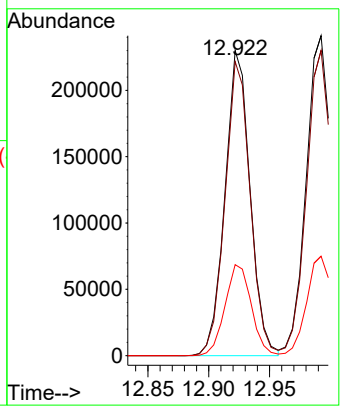


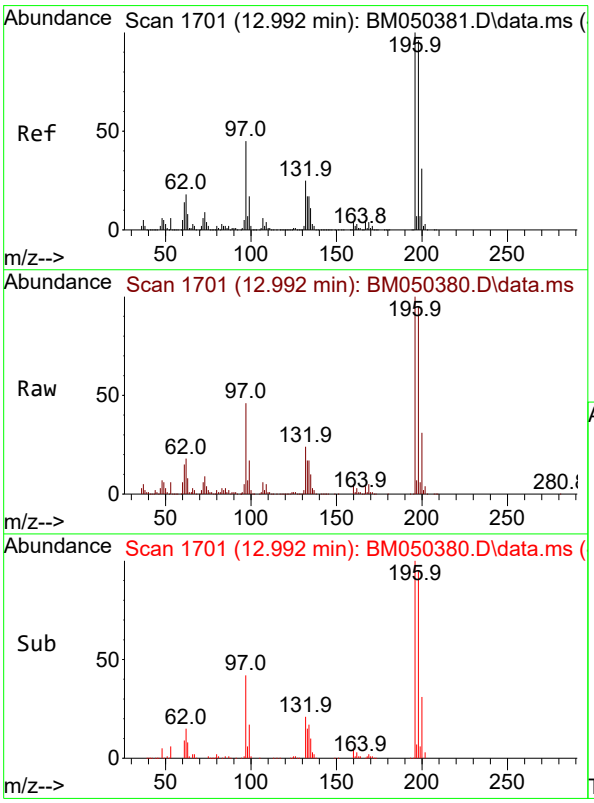
#43
2,4,6-Trichlorophenol
Concen: 19.263 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 331504

Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.1	112.7
200	29.8	24.6	37.0

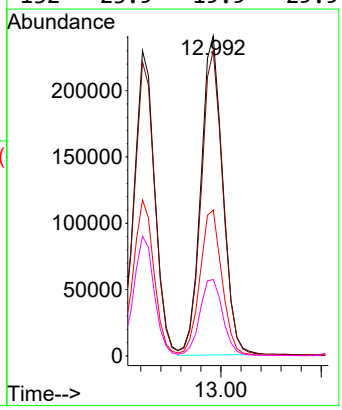


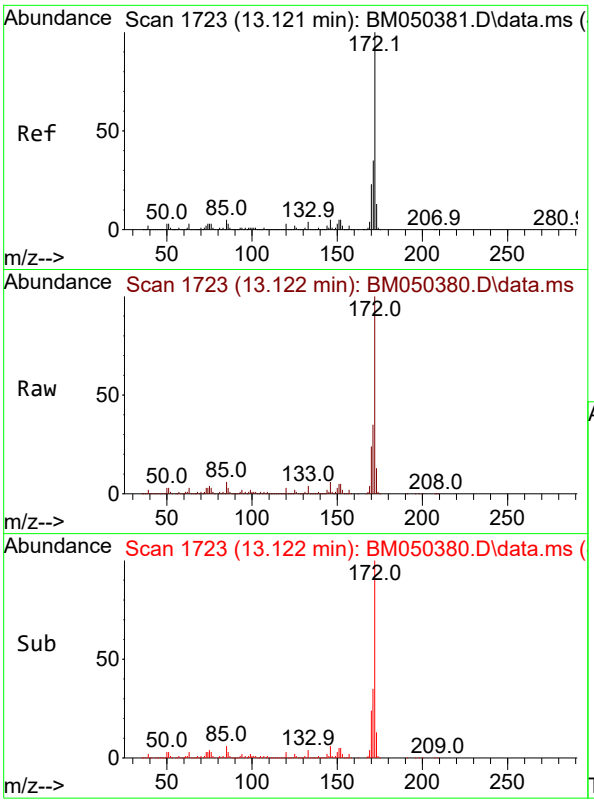


#44
2,4,5-Trichlorophenol
Concen: 19.408 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:196 Resp: 364770

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.2	115.8
97	45.6	36.2	54.4
132	23.9	19.9	29.9



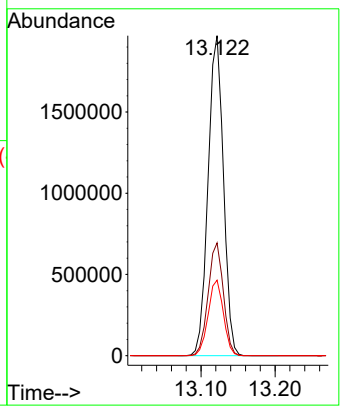


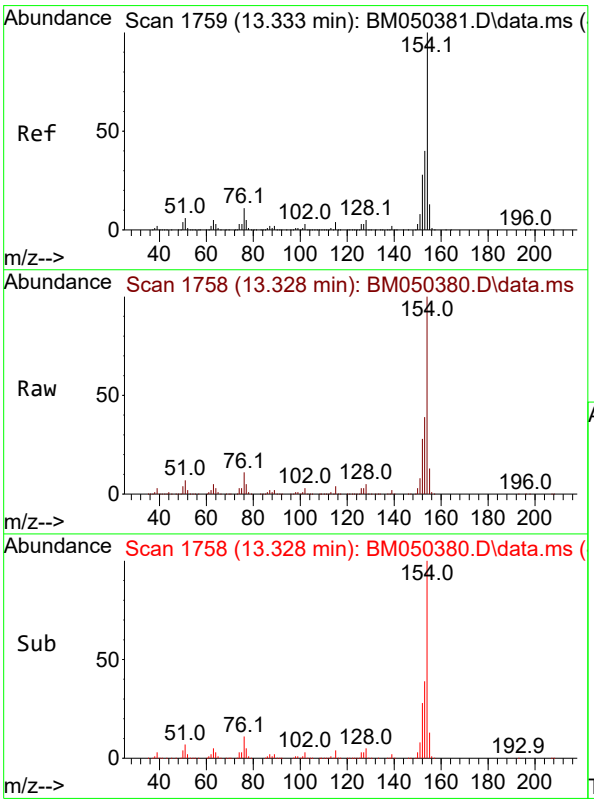
#45
2-Fluorobiphenyl
Concen: 39.780 ng
RT: 13.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 2831991

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.7	41.5
170	23.6	18.8	28.2

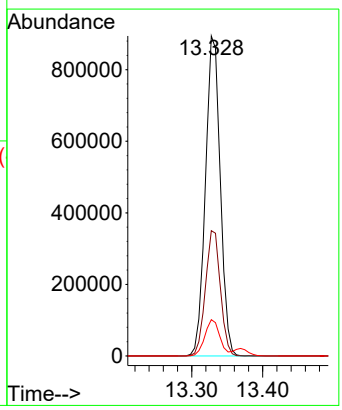


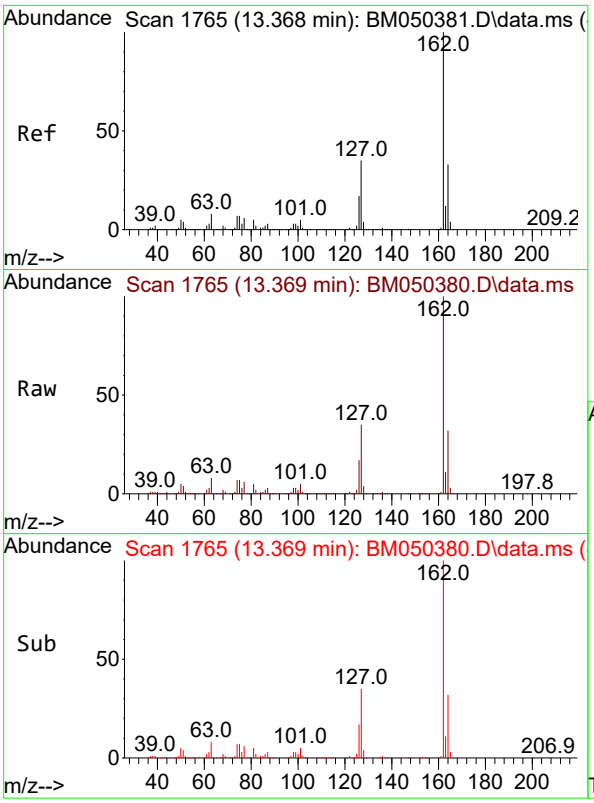


#46
1,1'-Biphenyl
Concen: 19.936 ng
RT: 13.328 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:154 Resp: 1300397

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.7	59.7
76	11.4	0.0	30.9



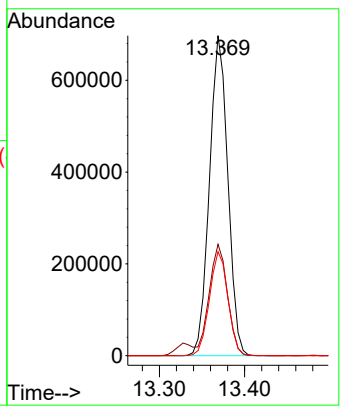


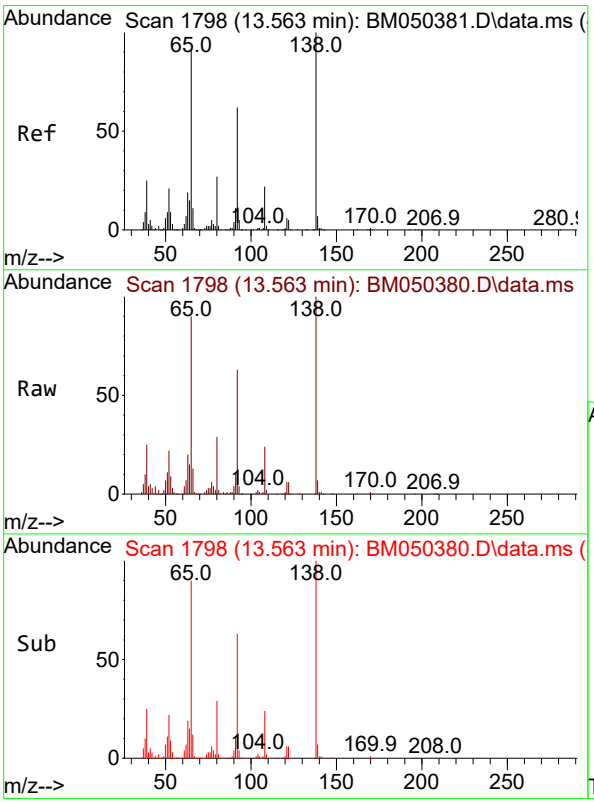
#47
2-Chloronaphthalene
Concen: 20.066 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 1043593

Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.3	42.5
164	32.5	26.6	40.0

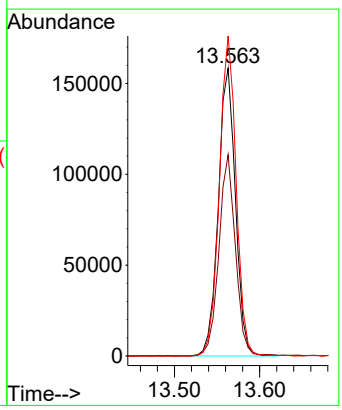


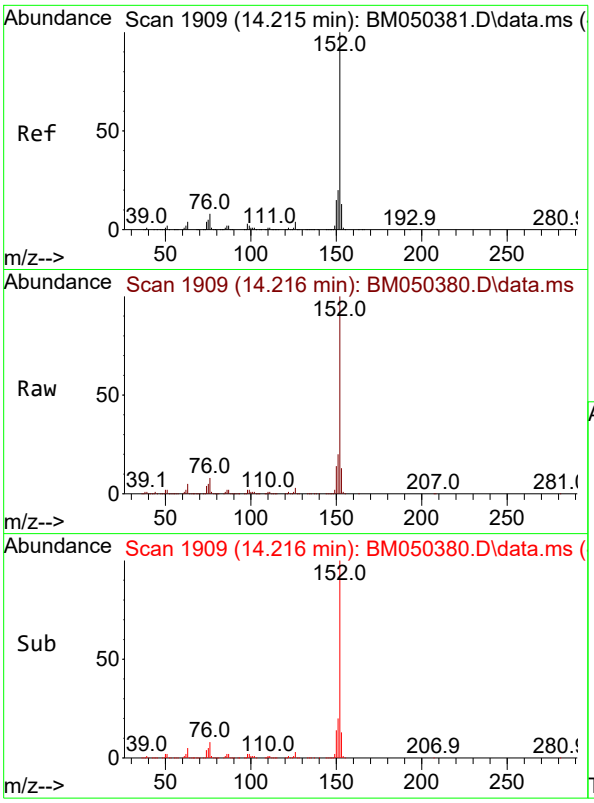


#48
2-Nitroaniline
Concen: 19.132 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 65 Resp: 222094

Ion	Ratio	Lower	Upper
65	100		
92	69.9	54.3	81.5
138	111.1	87.8	131.6



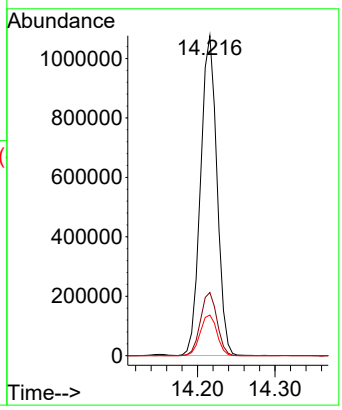


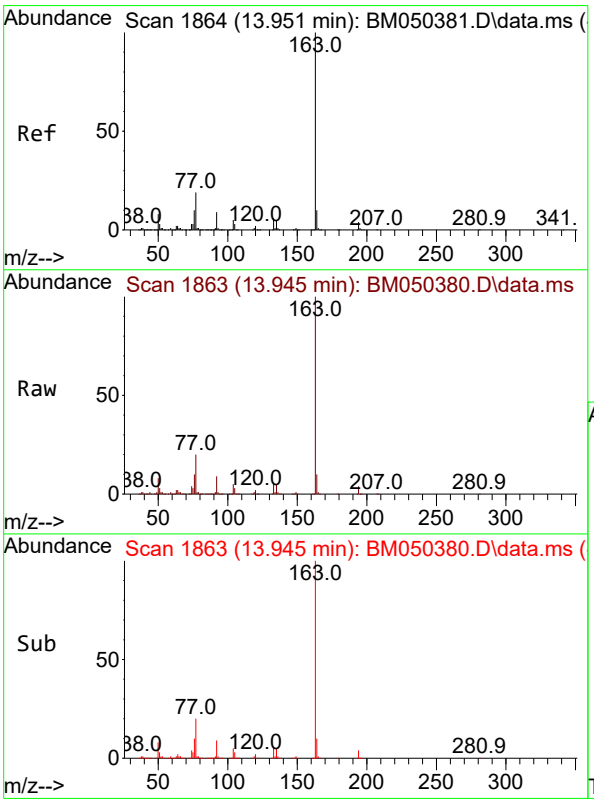
#49
Acenaphthylene
Concen: 20.078 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 1578057

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.7	10.6	15.8

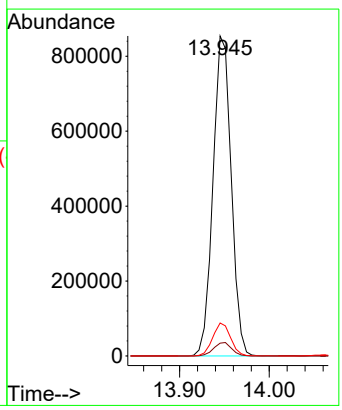


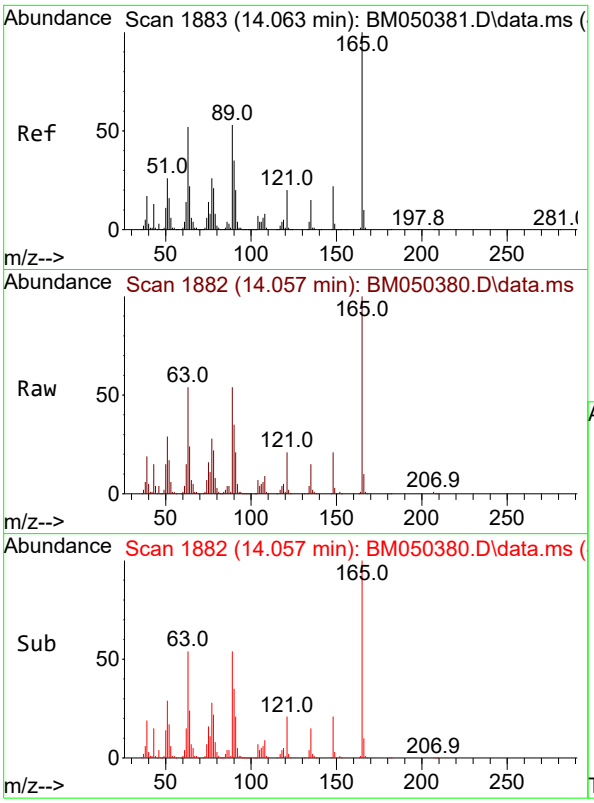


#50
Dimethylphthalate
Concen: 19.873 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:163 Resp: 1202901

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.3	8.2	12.2



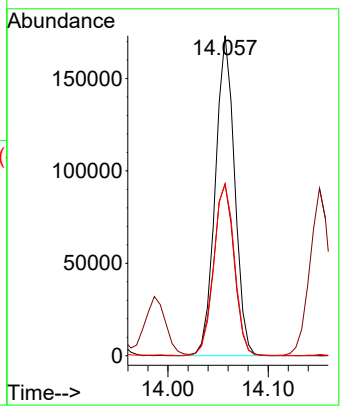


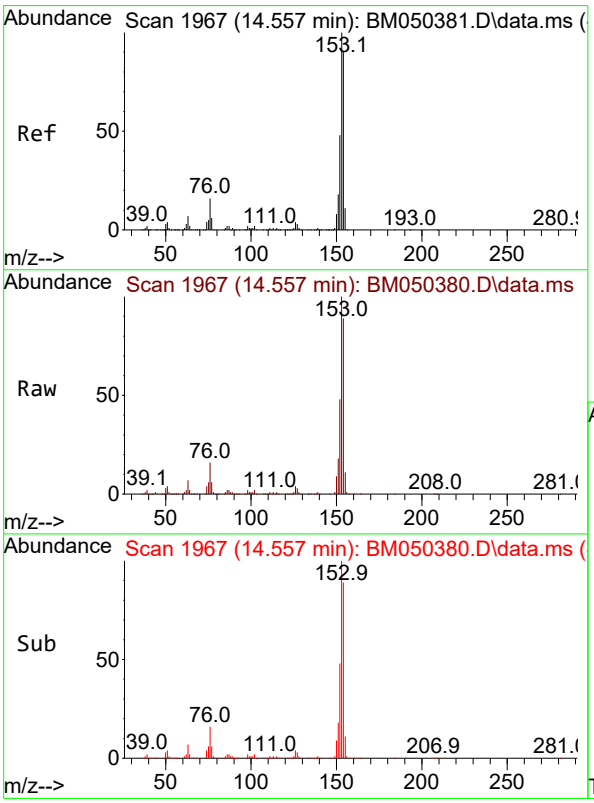
#51
2,6-Dinitrotoluene
Concen: 19.889 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 231144

Ion	Ratio	Lower	Upper
165	100		
63	53.6	42.4	63.6
89	53.7	42.2	63.2

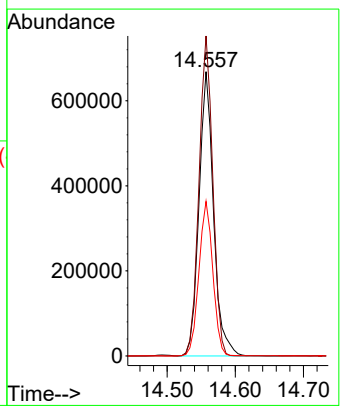


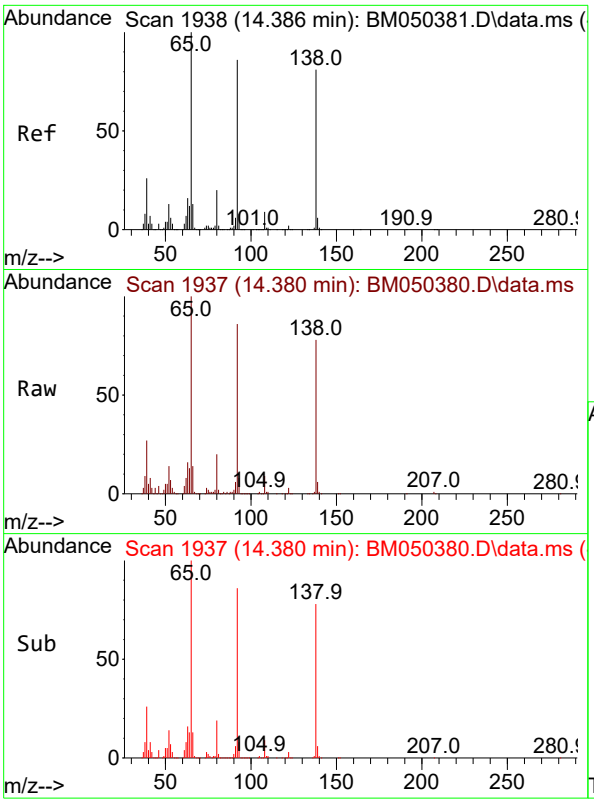


#52
Acenaphthene
Concen: 19.816 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:154 Resp: 990178

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	54.3	42.6	64.0



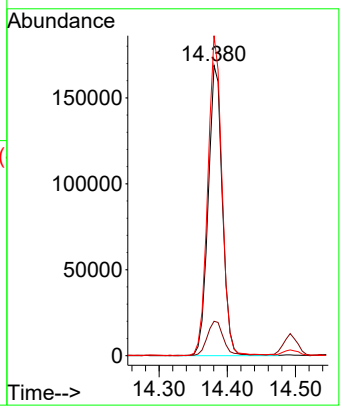


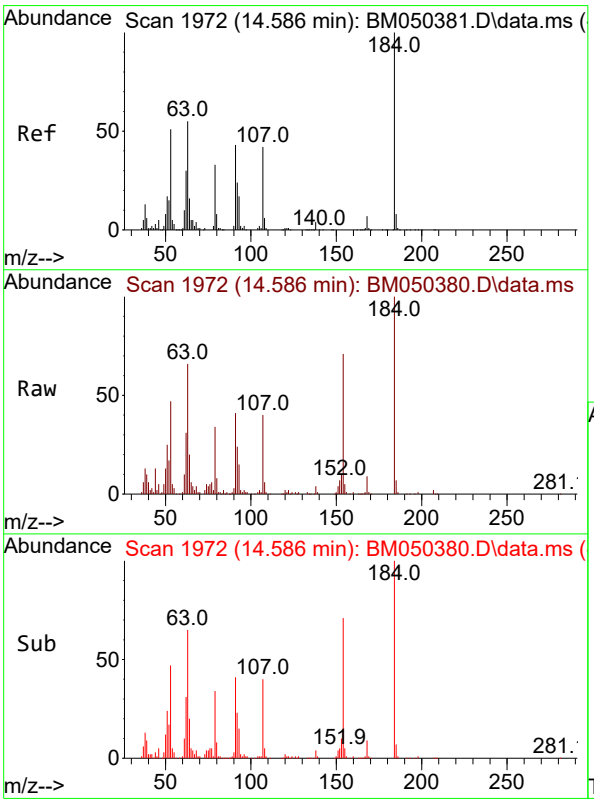
#53
3-Nitroaniline
Concen: 19.779 ng
RT: 14.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 244460

Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.8	13.2
92	110.3	85.0	127.6

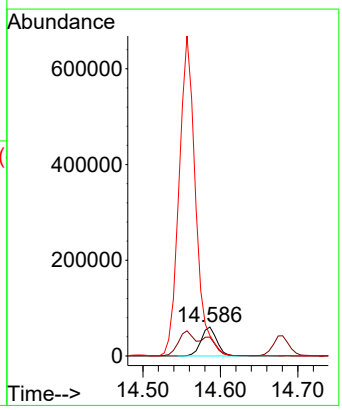


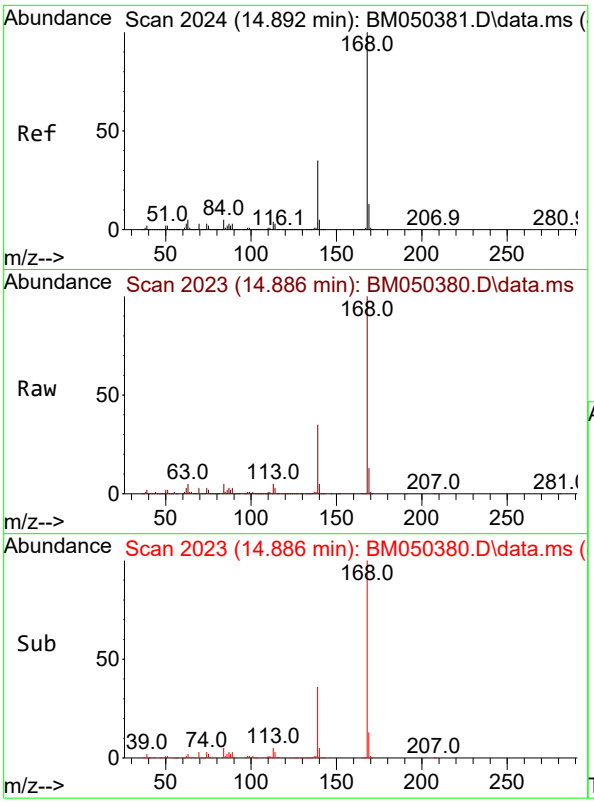


#54
2,4-Dinitrophenol
Concen: 18.641 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:184 Resp: 85284

Ion	Ratio	Lower	Upper
184	100		
63	65.5	53.4	80.0
154	71.0	61.6	92.4



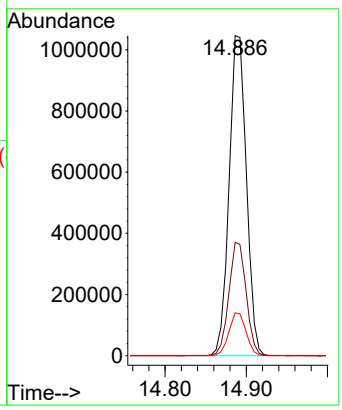


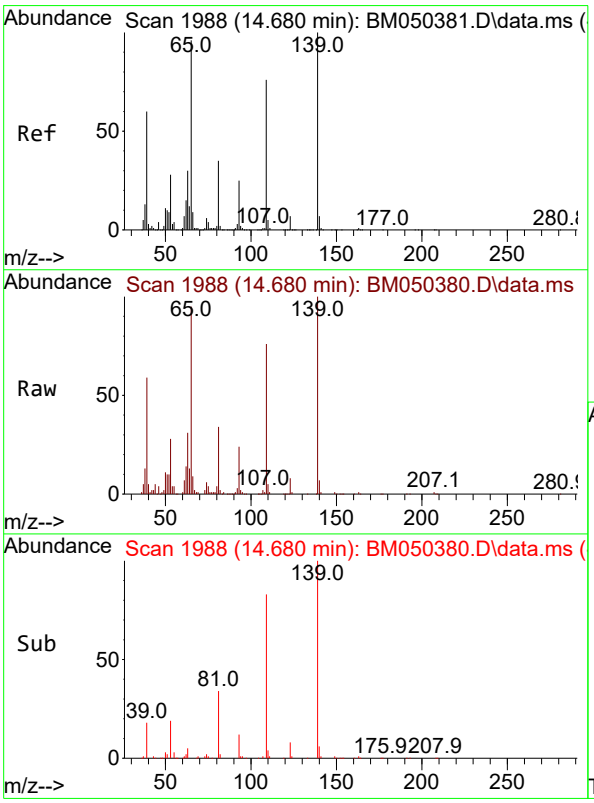
#55
Dibenzofuran
Concen: 20.048 ng
RT: 14.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 1543545

Ion	Ratio	Lower	Upper
168	100		
139	35.5	27.7	41.5
169	13.4	10.7	16.1

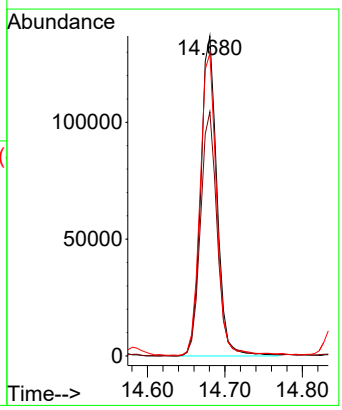


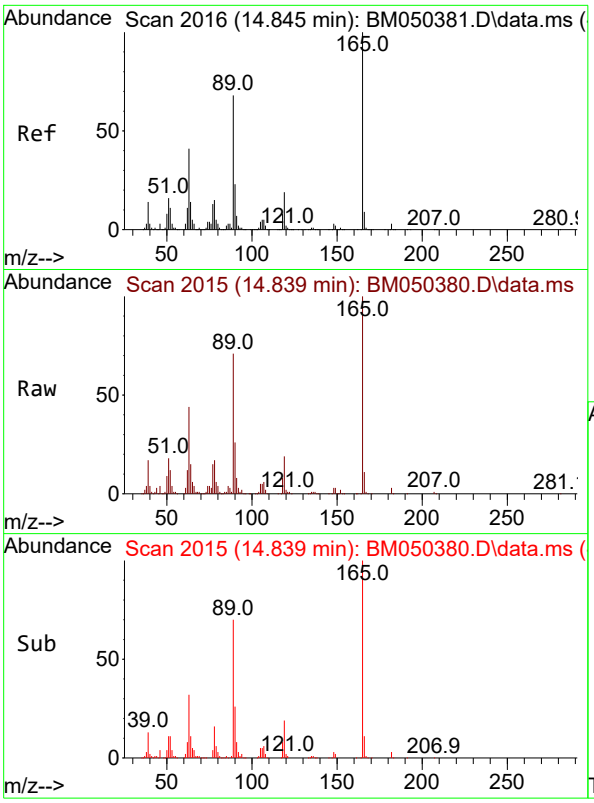


#56
4-Nitrophenol
Concen: 18.644 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:139 Resp: 198160

Ion	Ratio	Lower	Upper
139	100		
109	76.3	56.5	96.5
65	94.6	76.4	116.4



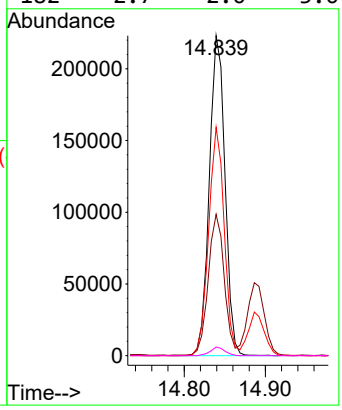


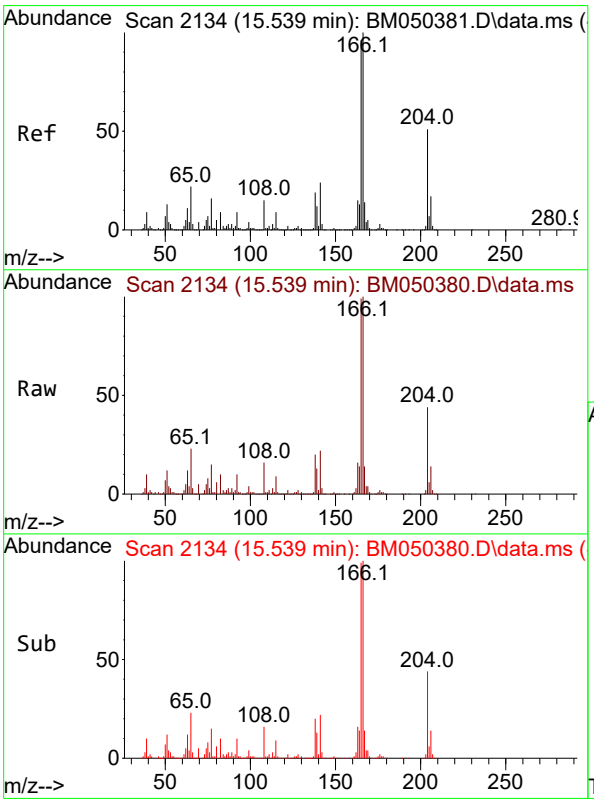
#57
2,4-Dinitrotoluene
Concen: 18.935 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 299004

Ion	Ratio	Lower	Upper
165	100		
63	44.1	32.5	48.7
89	71.4	54.0	81.0
182	2.7	2.0	3.0

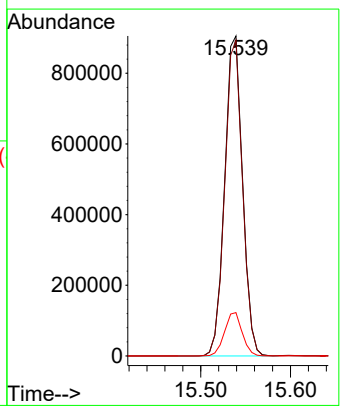


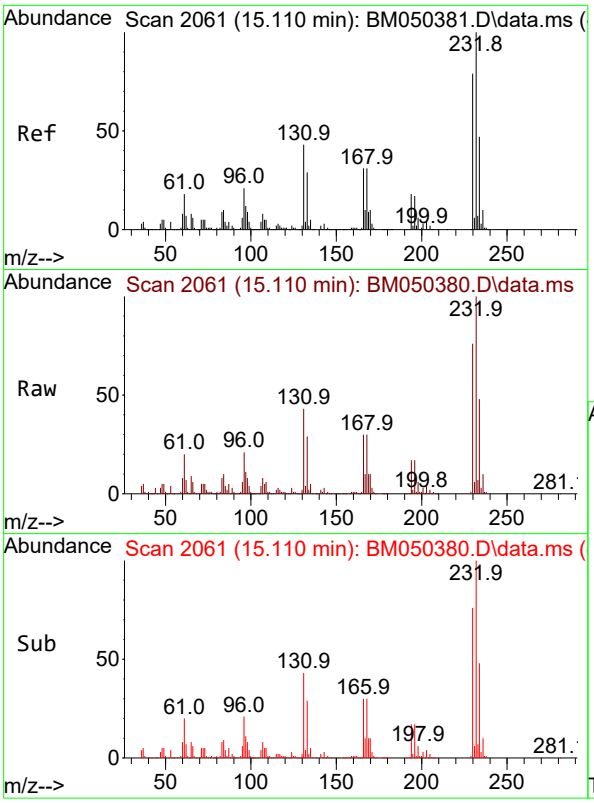


#58
Fluorene
Concen: 19.803 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:166 Resp: 1255879

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.0	115.6
167	13.6	10.9	16.3



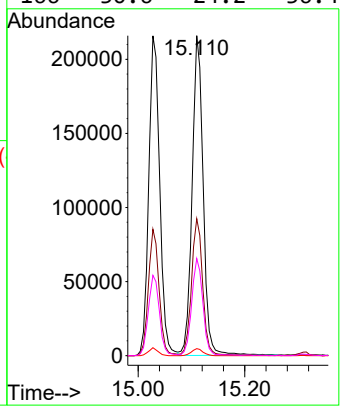


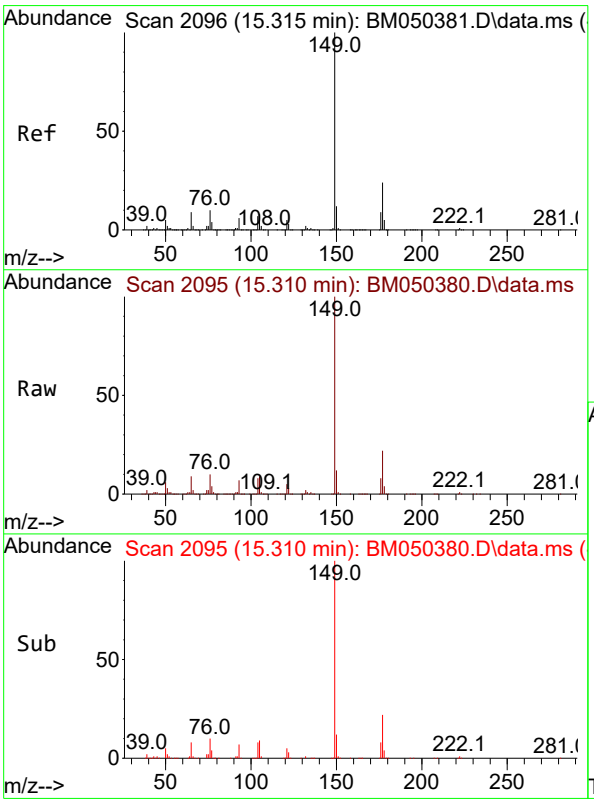
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.733 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 312205

Ion	Ratio	Lower	Upper
232	100		
131	42.7	33.4	50.0
130	2.3	1.8	2.6
166	30.6	24.2	36.4

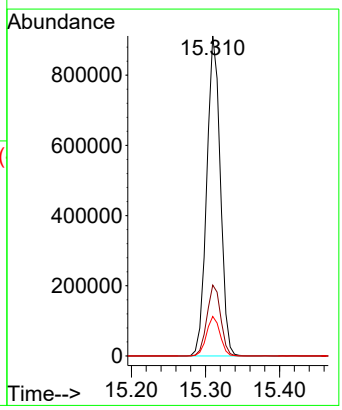


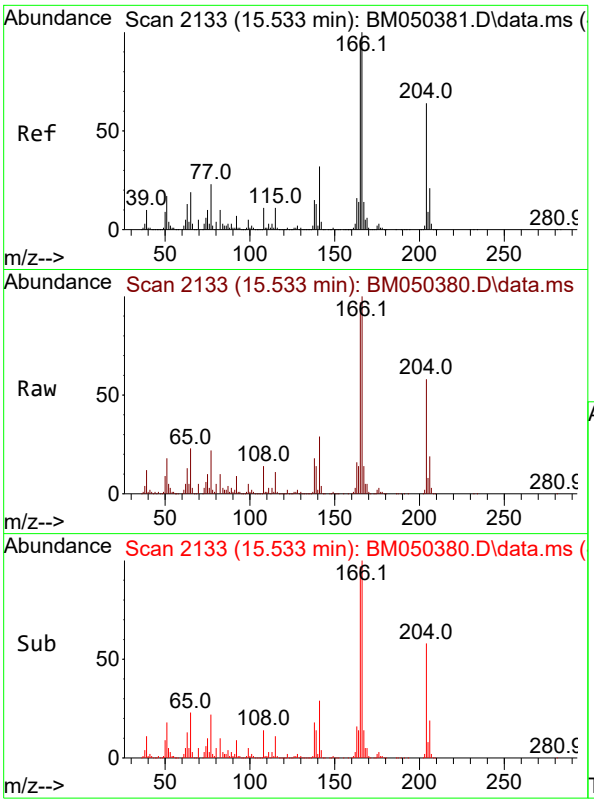


#60
Diethylphthalate
Concen: 20.055 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 1159537

Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.8	28.2
150	12.4	9.8	14.8



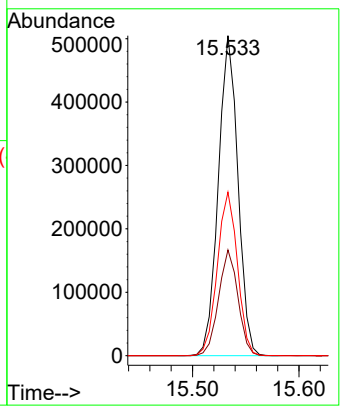


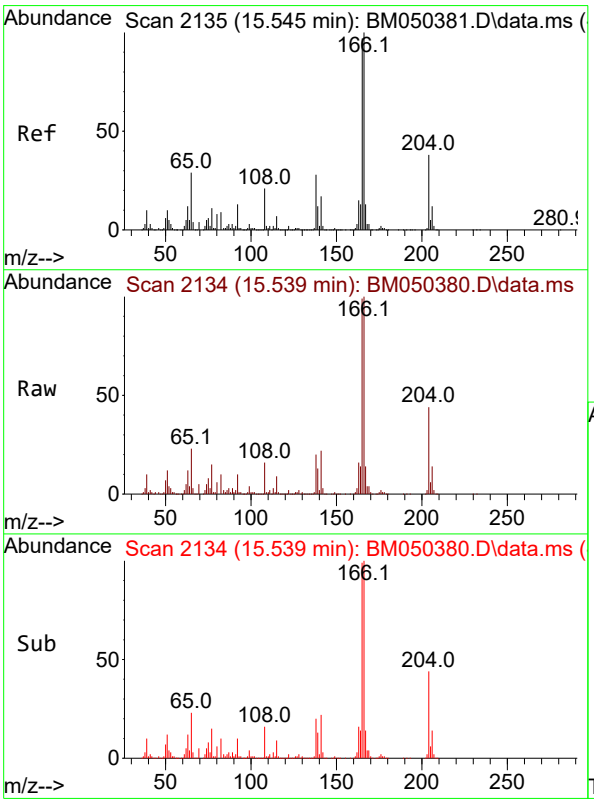
#61
4-Chlorophenyl-phenylether
Concen: 19.428 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 644238

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	51.1	39.9	59.9

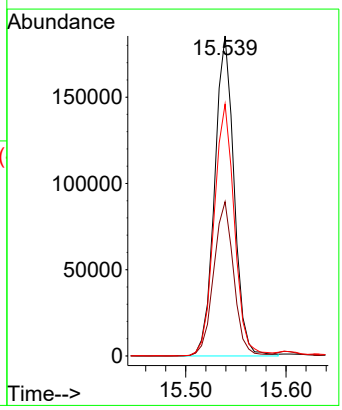


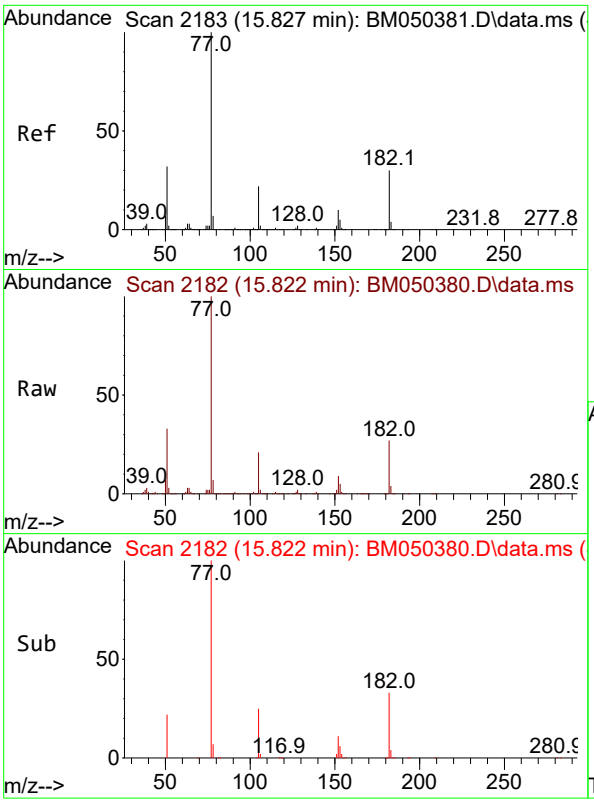


#62
4-Nitroaniline
Concen: 19.209 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:138 Resp: 249635

Ion	Ratio	Lower	Upper
138	100		
92	48.2	24.5	64.5
108	78.7	52.5	92.5



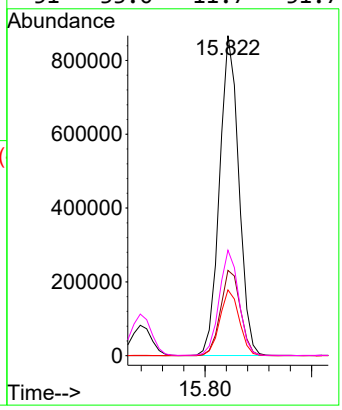


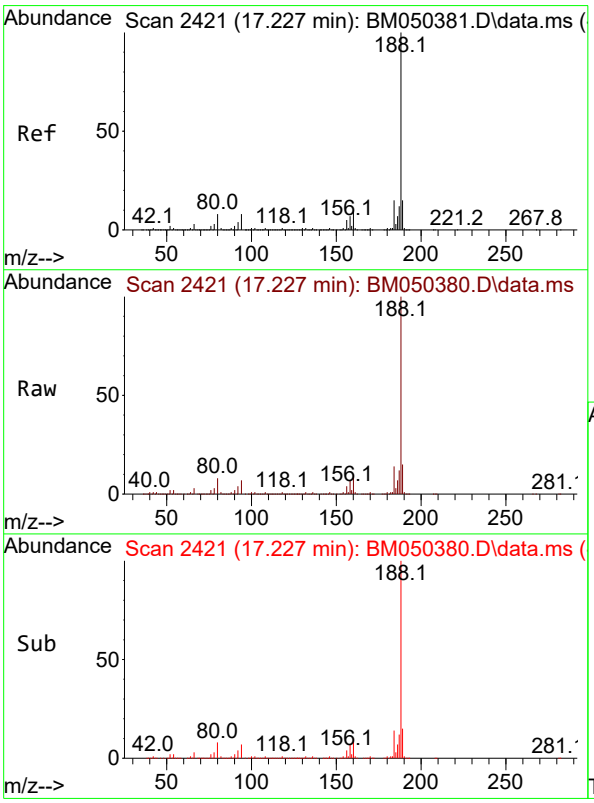
#63
Azobenzene
Concen: 20.436 ng
RT: 15.822 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 1085005

Ion	Ratio	Lower	Upper
77	100		
182	26.7	10.0	50.0
105	20.6	2.0	42.0
51	33.0	11.7	51.7

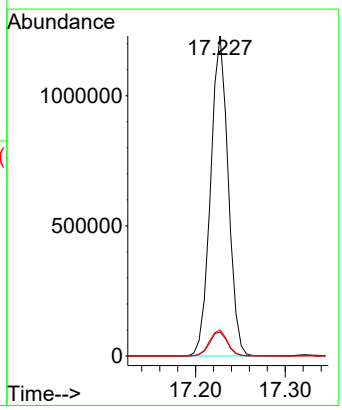


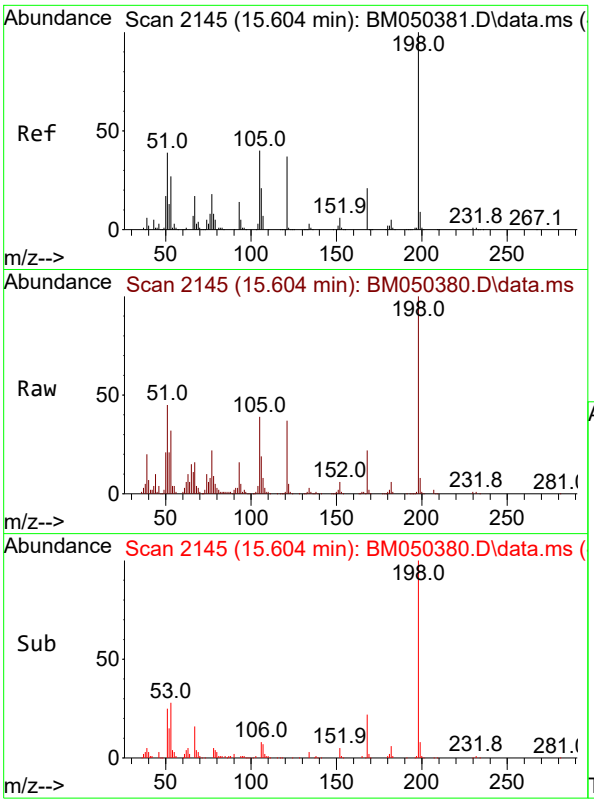


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:188 Resp: 1676151

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.1	6.5	9.7



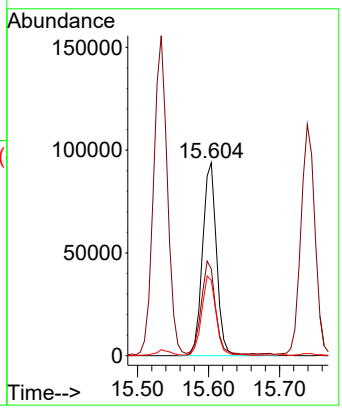


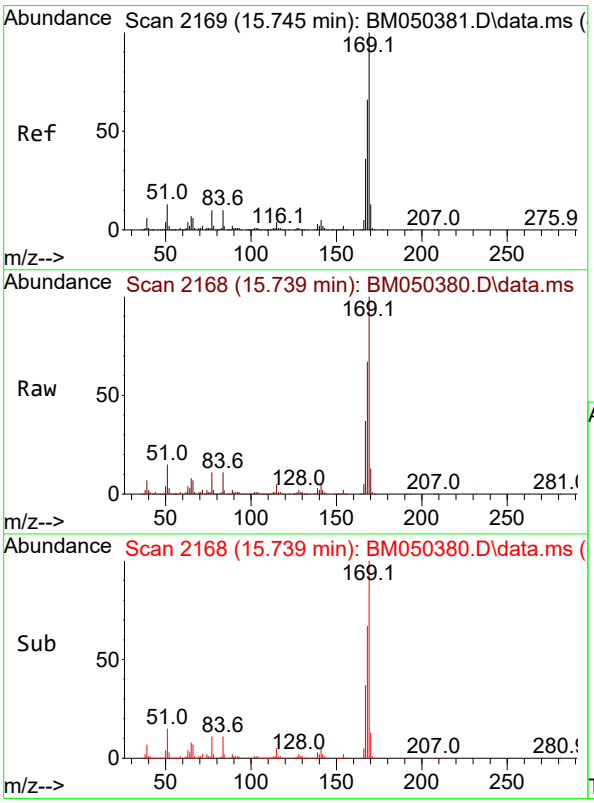
#65
4,6-Dinitro-2-methylphenol
Concen: 18.758 ng
RT: 15.604 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 129223

Ion	Ratio	Lower	Upper
198	100		
51	44.9	26.6	66.6
105	39.1	20.9	60.9

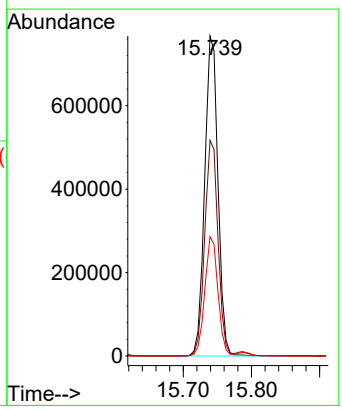


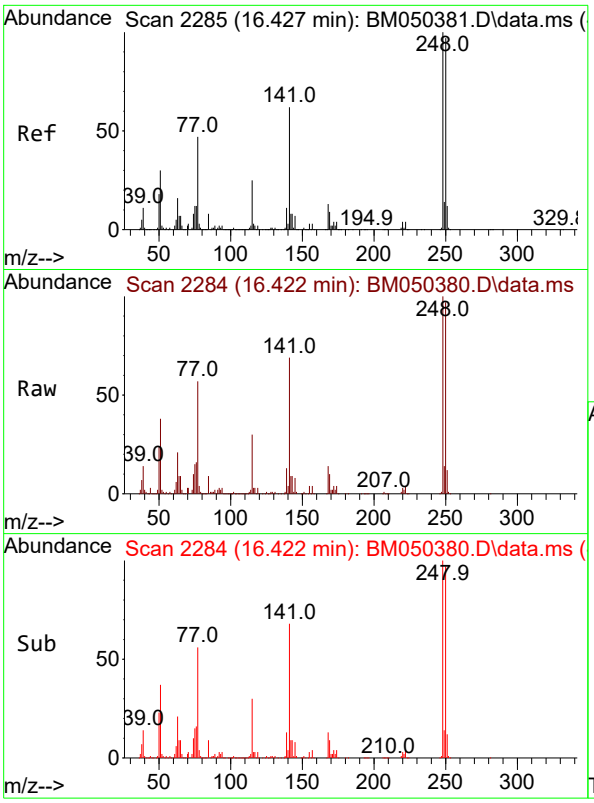


#66
n-Nitrosodiphenylamine
Concen: 19.819 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:169 Resp: 1039509

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	37.3	28.7	43.1



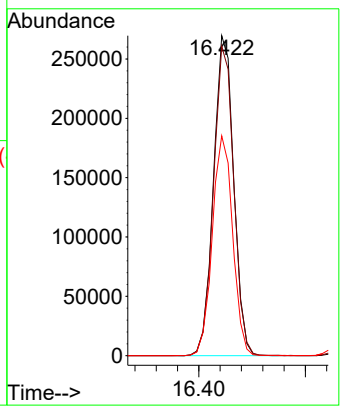


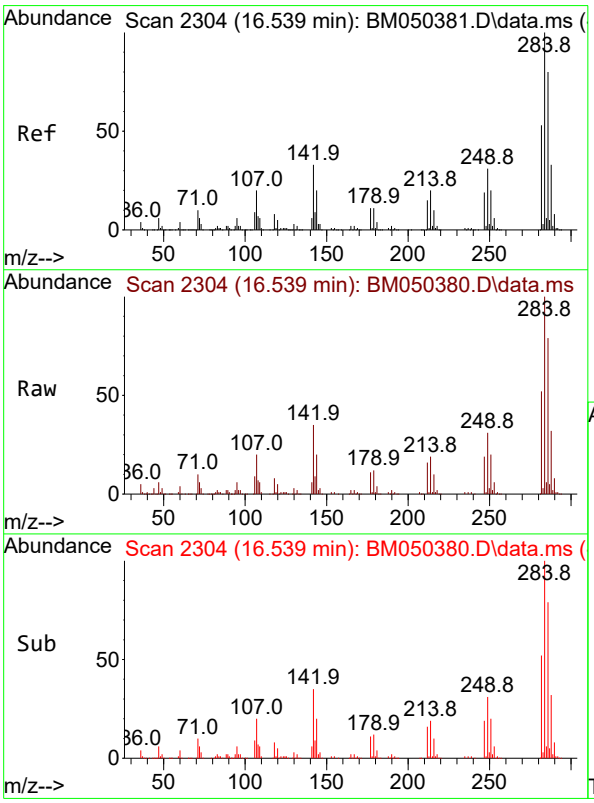
#67
4-Bromophenyl-phenylether
Concen: 19.130 ng
RT: 16.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 353272

Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.9	116.9
141	68.7	49.7	74.5

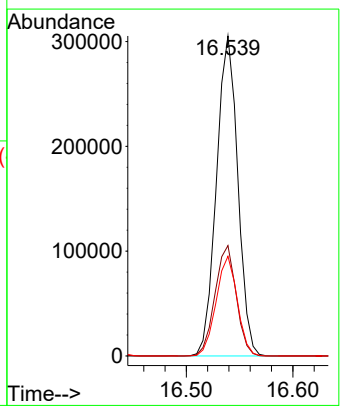


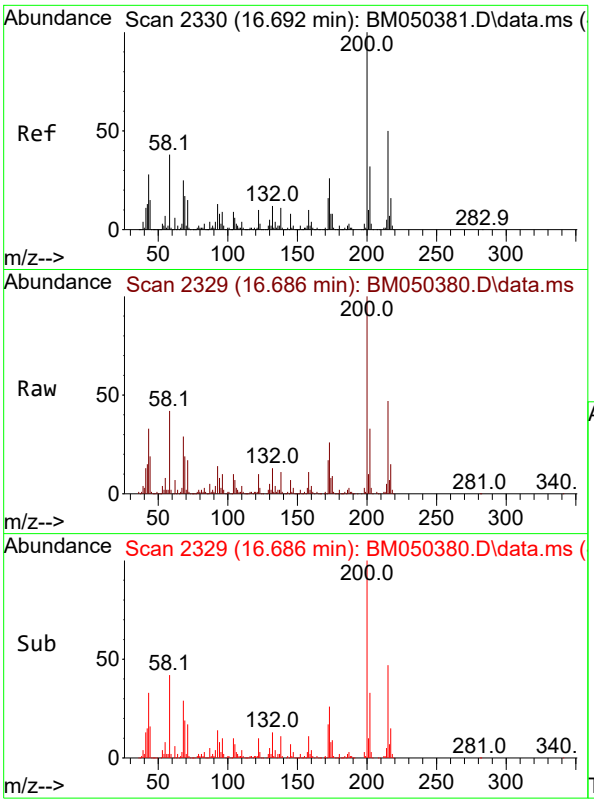


#68
Hexachlorobenzene
Concen: 19.444 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:284 Resp: 424108

Ion	Ratio	Lower	Upper
284	100		
142	34.5	26.8	40.2
249	31.2	24.5	36.7



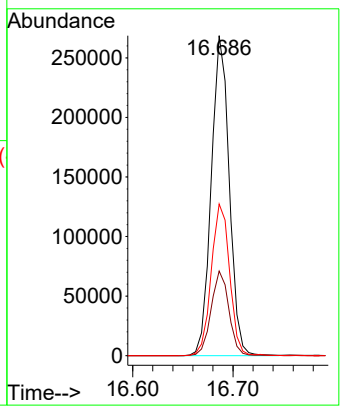


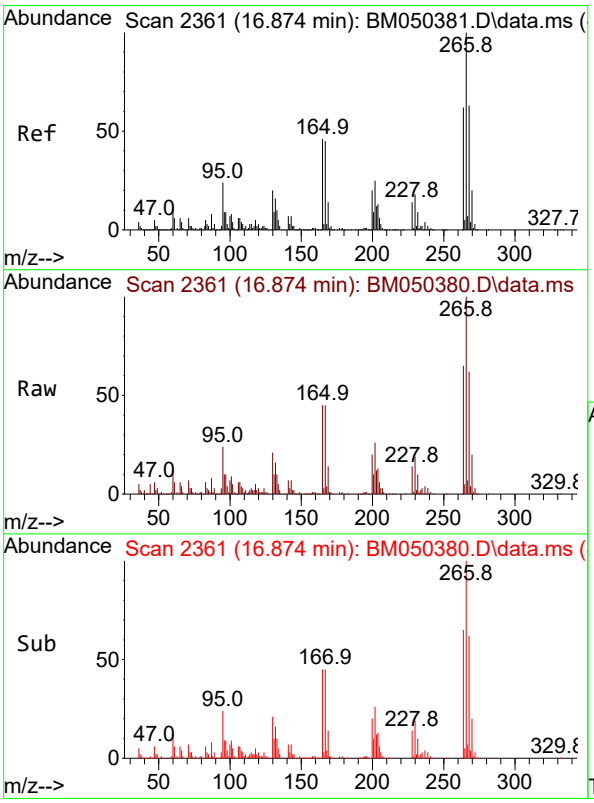
#69
Atrazine
Concen: 19.373 ng
RT: 16.686 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 333655

Ion	Ratio	Lower	Upper
200	100		
173	26.4	5.6	45.6
215	47.4	29.6	69.6

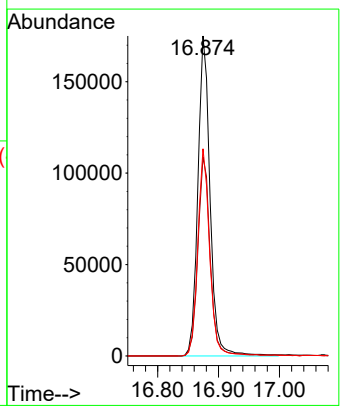


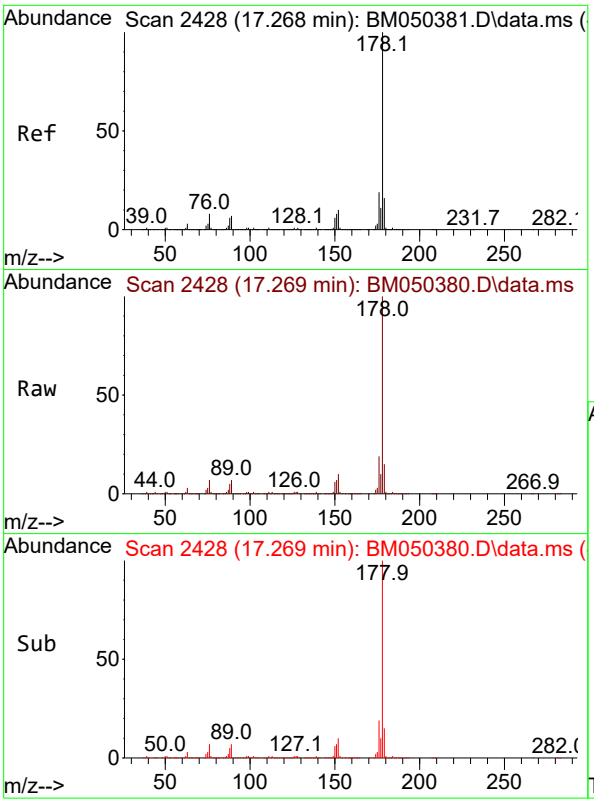


#70
Pentachlorophenol
Concen: 17.920 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:266 Resp: 243316

Ion	Ratio	Lower	Upper
266	100		
268	62.1	50.5	75.7
264	64.8	49.9	74.9



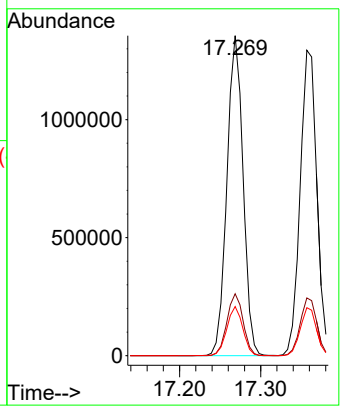


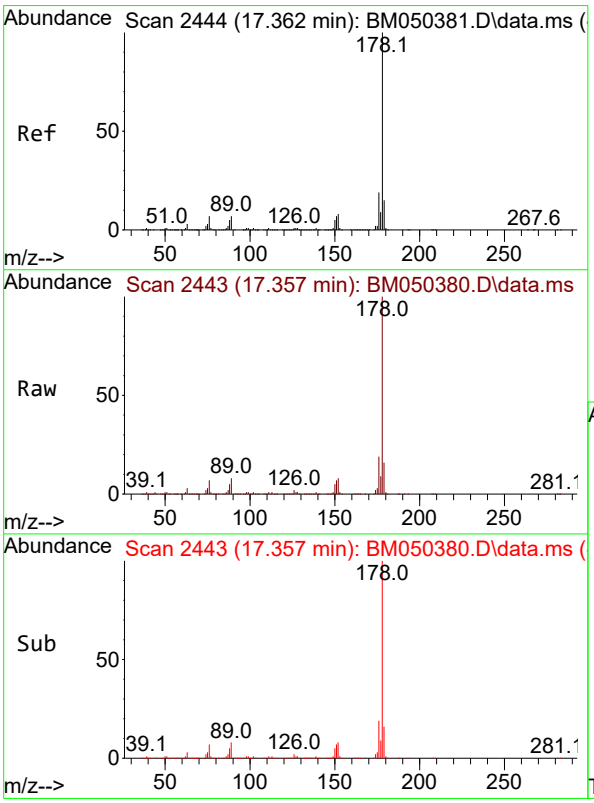
#71
Phenanthrene
Concen: 19.784 ng
RT: 17.269 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 1876408

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.4	12.5	18.7

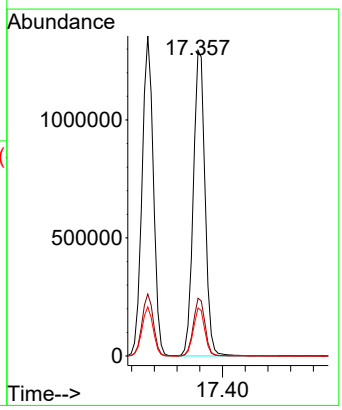


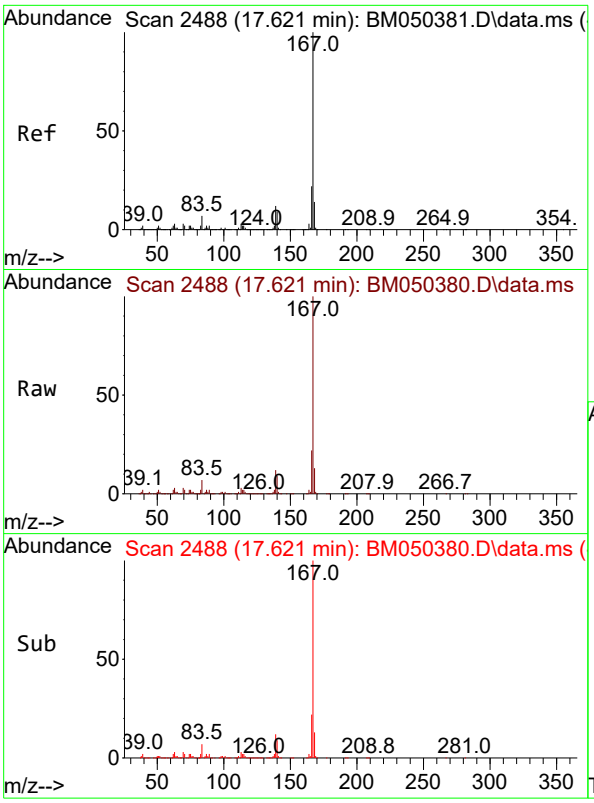


#72
Anthracene
Concen: 19.694 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:178 Resp: 1859273

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.7	12.2	18.4



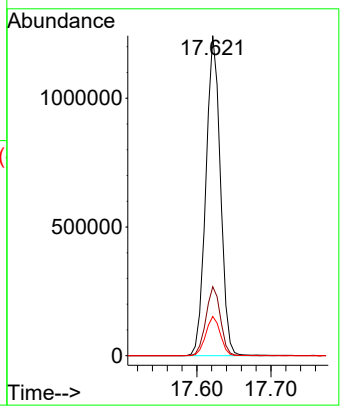


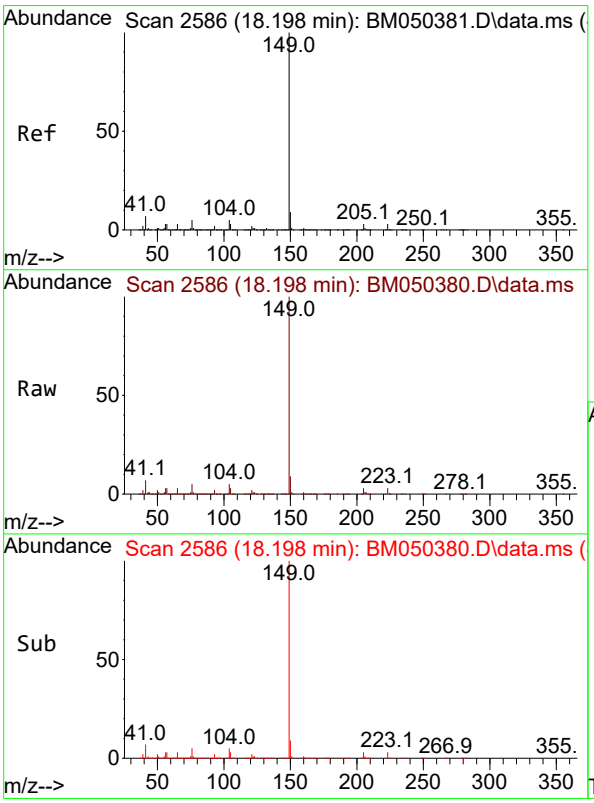
#73
Carbazole
Concen: 19.801 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 1691521

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.2	9.9	14.9

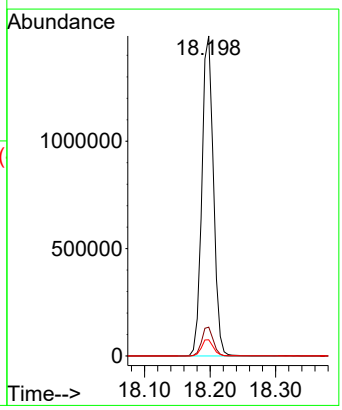


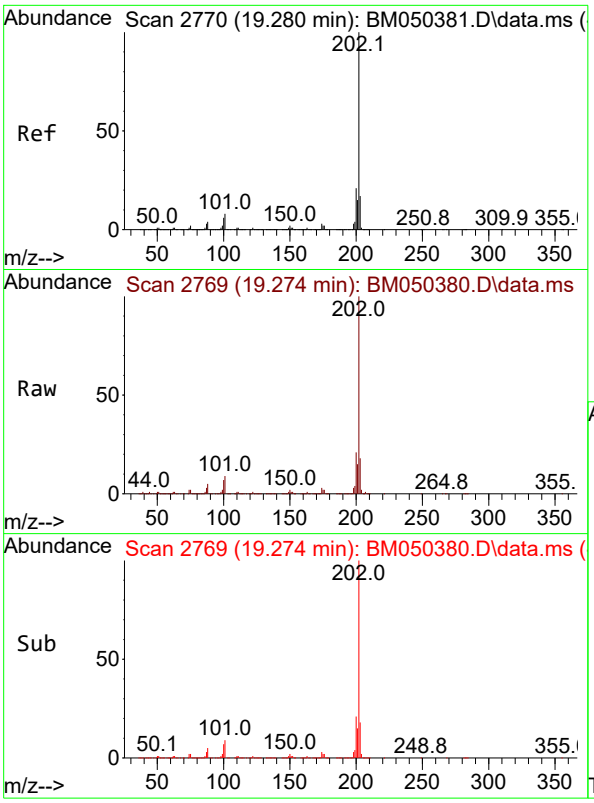


#74
Di-n-butylphthalate
Concen: 19.566 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 1829412

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.0	3.9	5.9



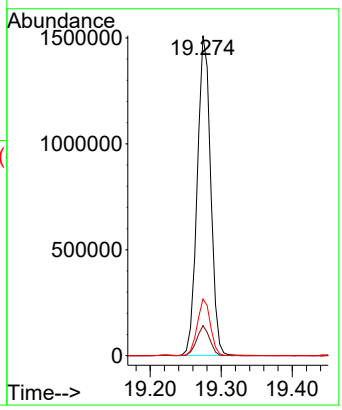


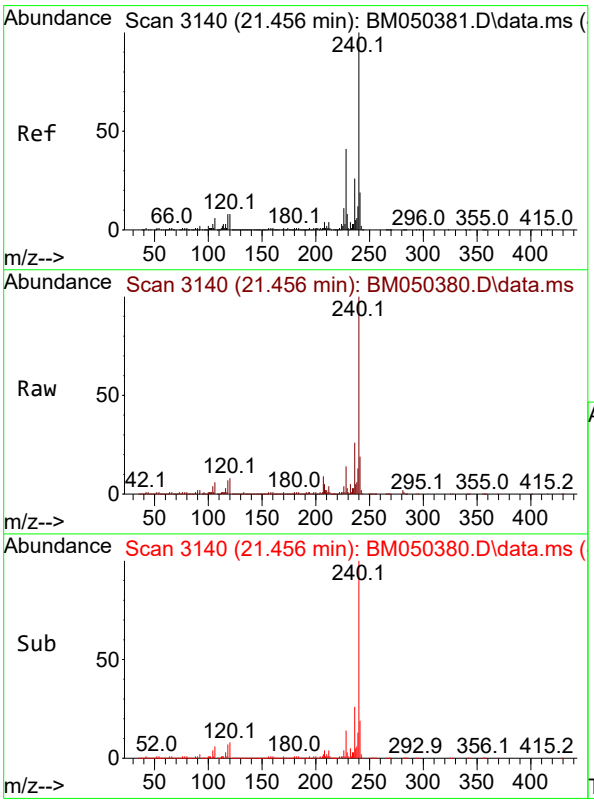
#75
Fluoranthene
Concen: 19.212 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 1980887

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	28.3
203	17.8	0.0	37.2

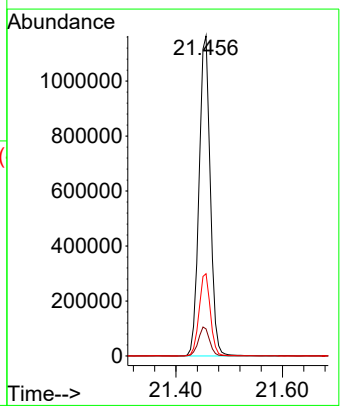


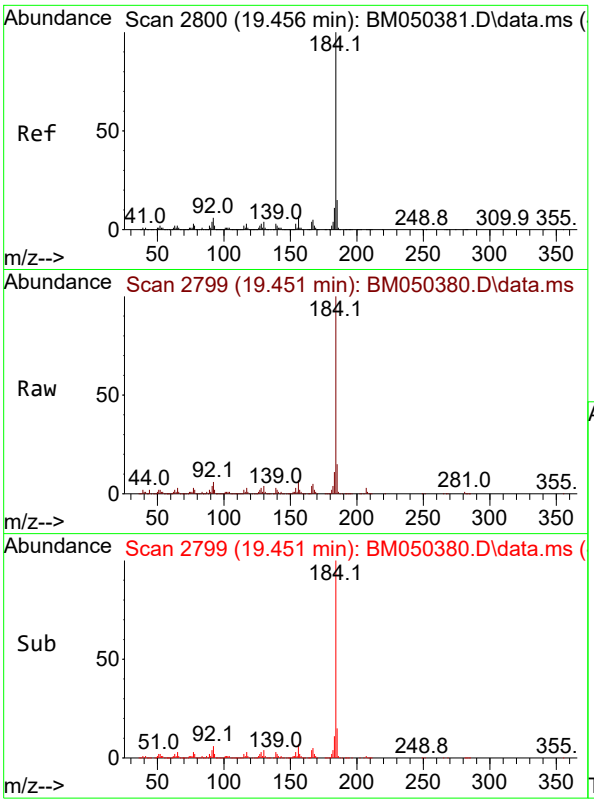


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:240 Resp: 1698030

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.7	10.1
236	25.7	20.7	31.1



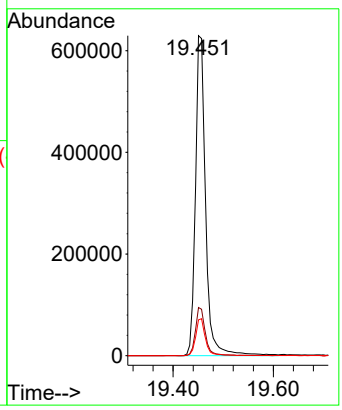


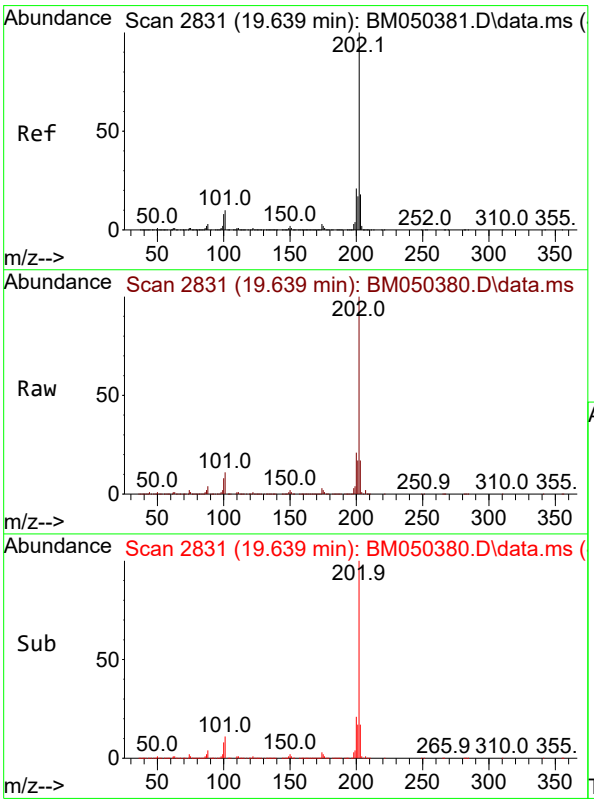
#77
Benzidine
Concen: 20.422 ng
RT: 19.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 884477

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.7	17.5
183	11.2	9.0	13.6

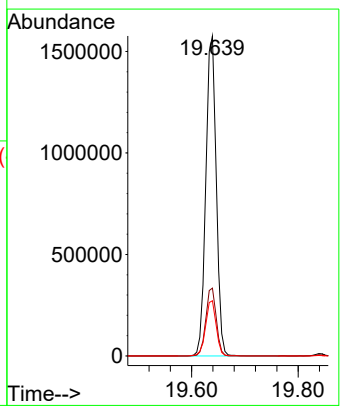


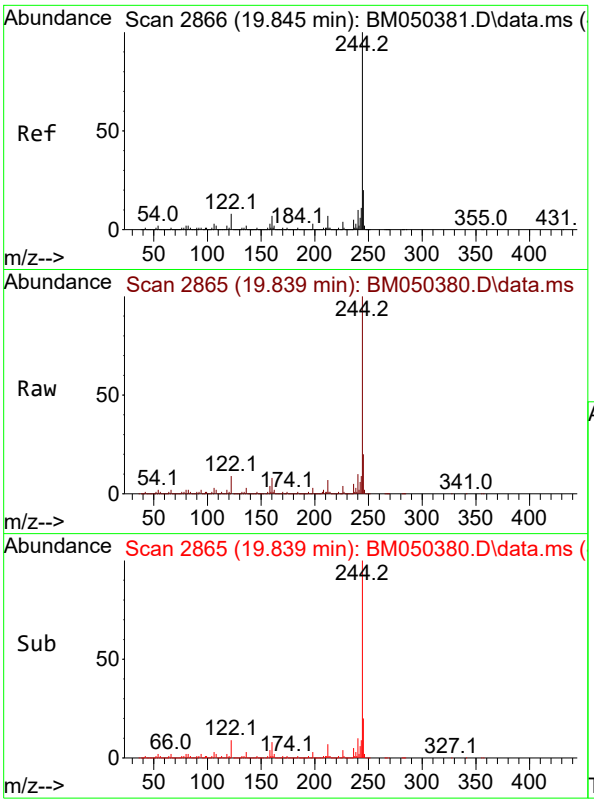


#78
Pyrene
Concen: 19.679 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:202 Resp: 2140070

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.2	14.1	21.1



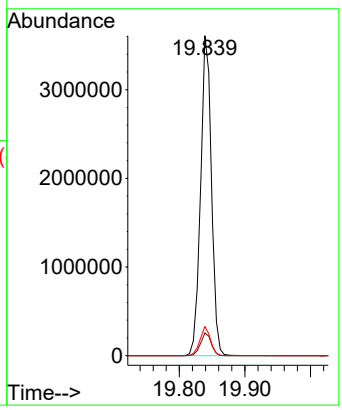


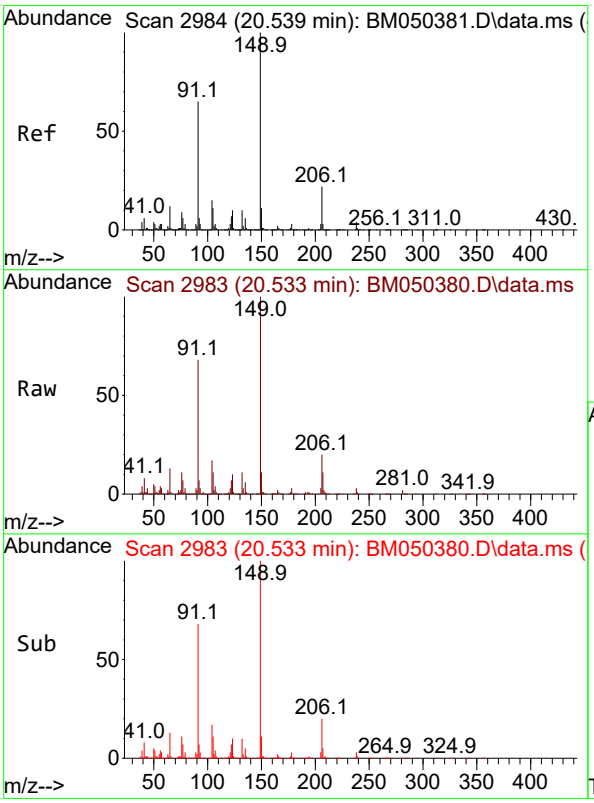
#79
Terphenyl-d14
Concen: 43.104 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 4159871

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.1	6.2	9.2

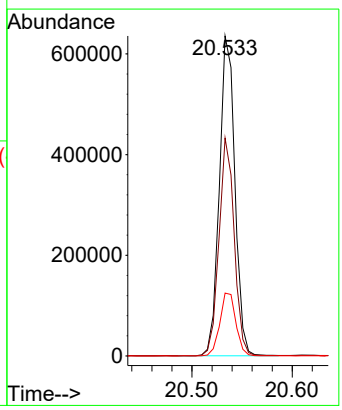


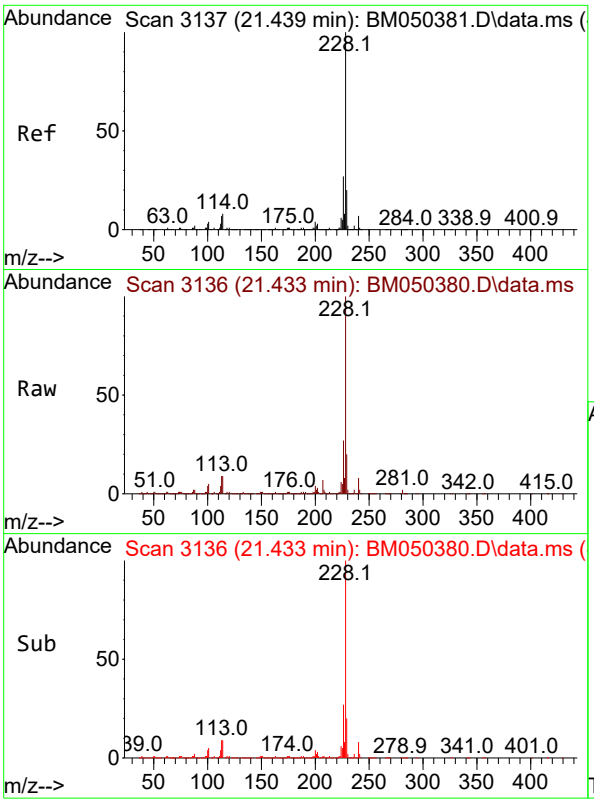


#80
Butylbenzylphthalate
Concen: 19.009 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 681649

Ion	Ratio	Lower	Upper
149	100		
91	68.1	51.6	77.4
206	19.7	17.8	26.8



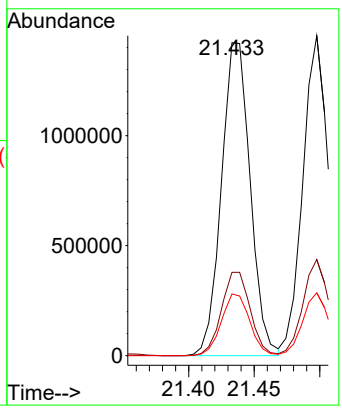


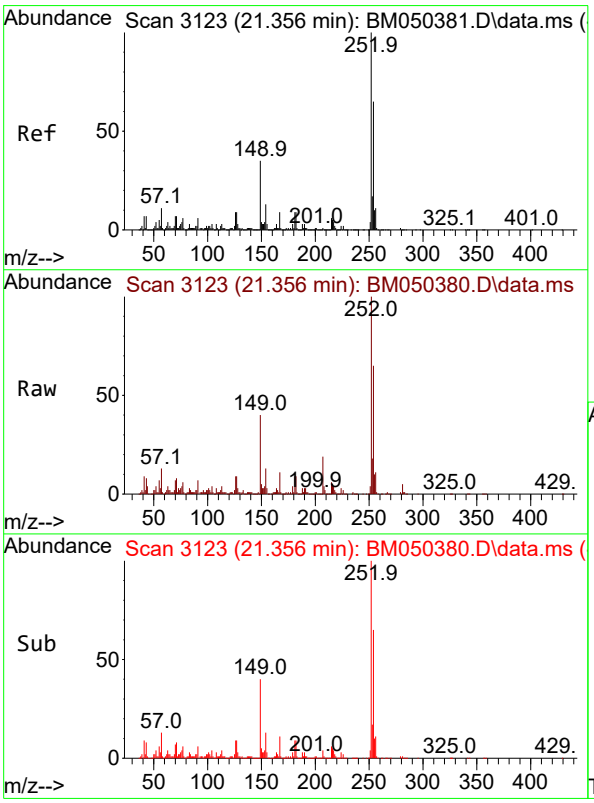
#81
Benzo(a)anthracene
Concen: 19.676 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2176940

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.8
229	19.7	16.0	24.0

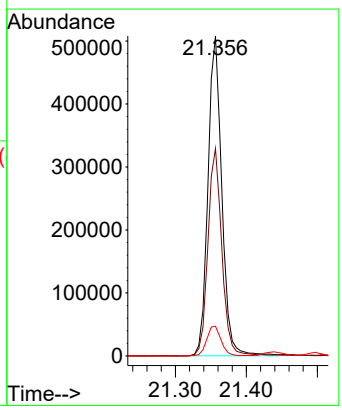


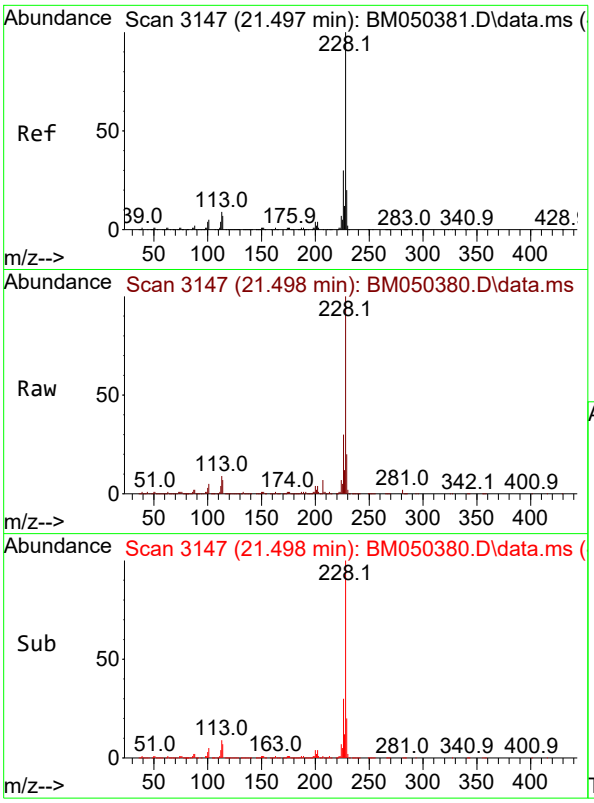


#82
3,3'-Dichlorobenzidine
Concen: 18.471 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:252 Resp: 689176

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	9.3	7.3	10.9



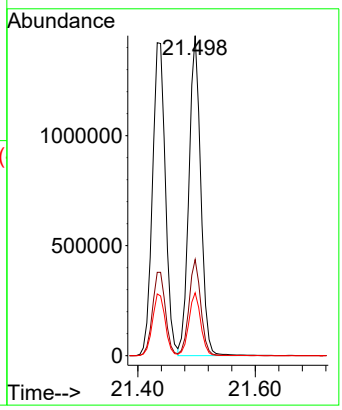


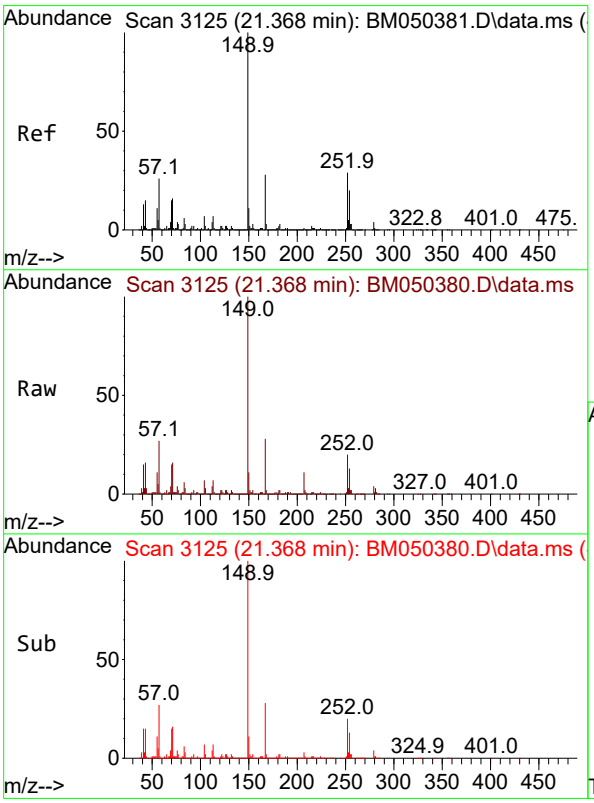
#83
Chrysene
Concen: 19.529 ng
RT: 21.498 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2037978

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.6	15.8	23.6

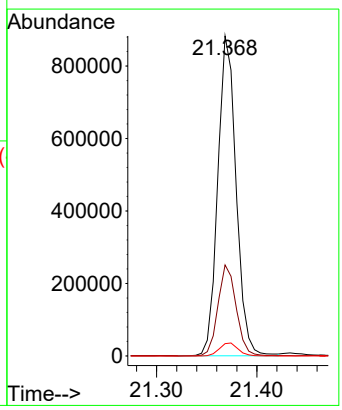


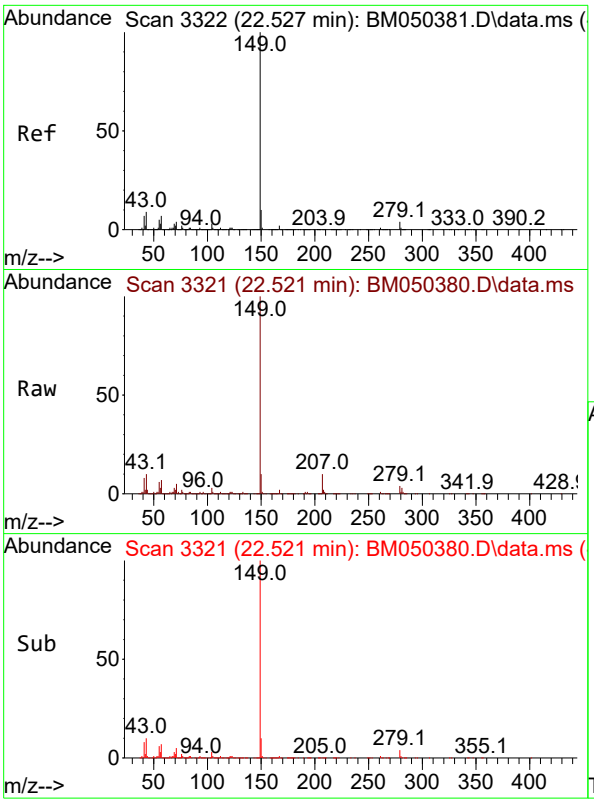


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.638 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 1117874

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.7	34.1
279	3.9	3.5	5.3



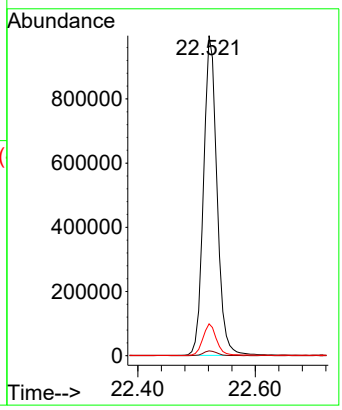


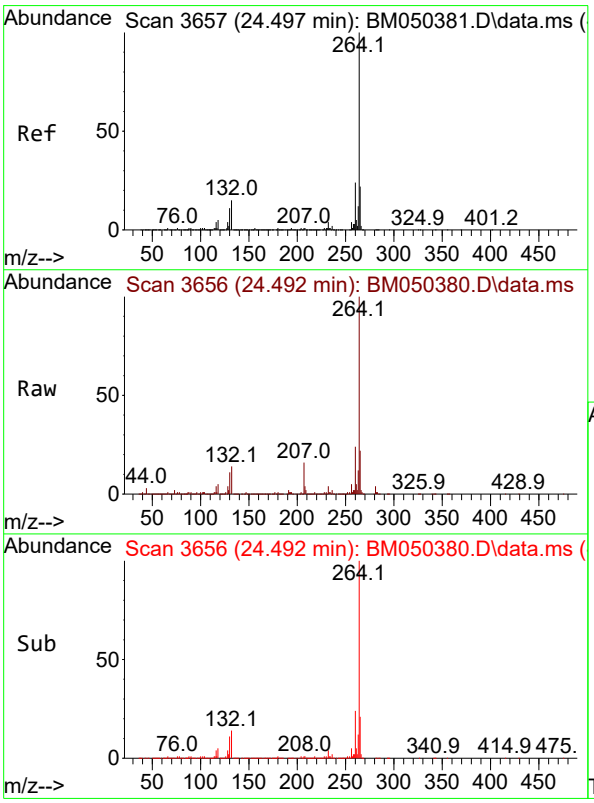
#85
Di-n-octyl phthalate
Concen: 17.729 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 1580618

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.1	7.7	11.5

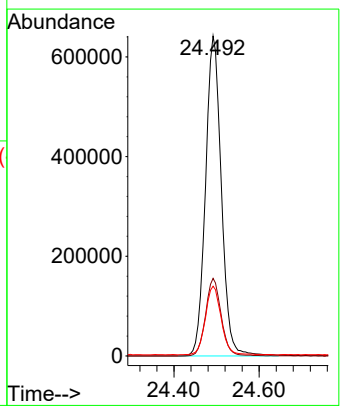


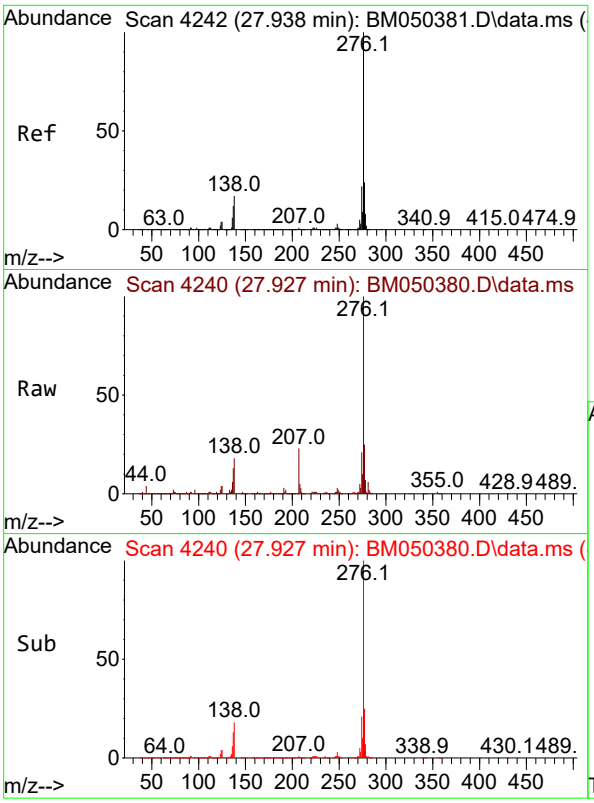


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.492 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:264 Resp: 1655344

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.8	26.6



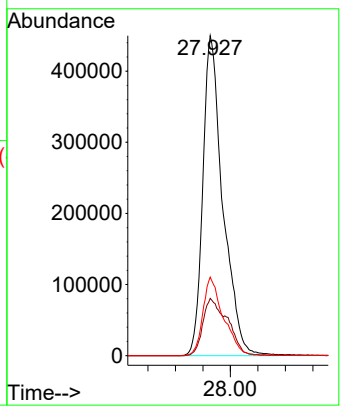


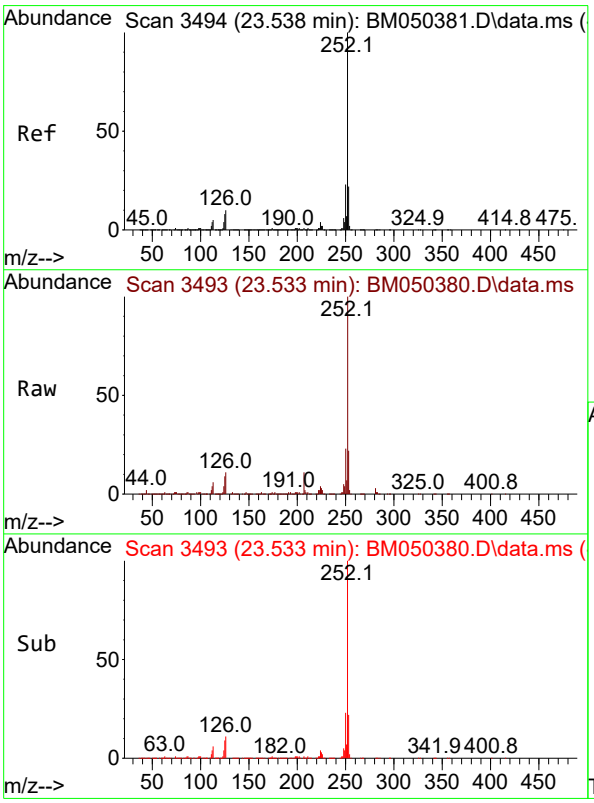
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.328 ng
RT: 27.927 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 2274737

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.0	25.6
277	25.1	20.0	30.0

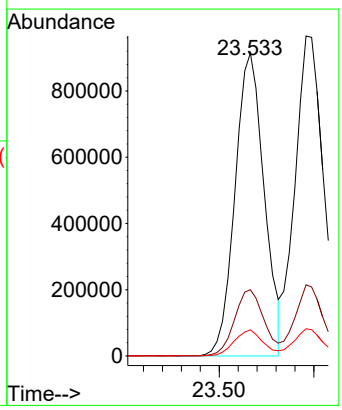


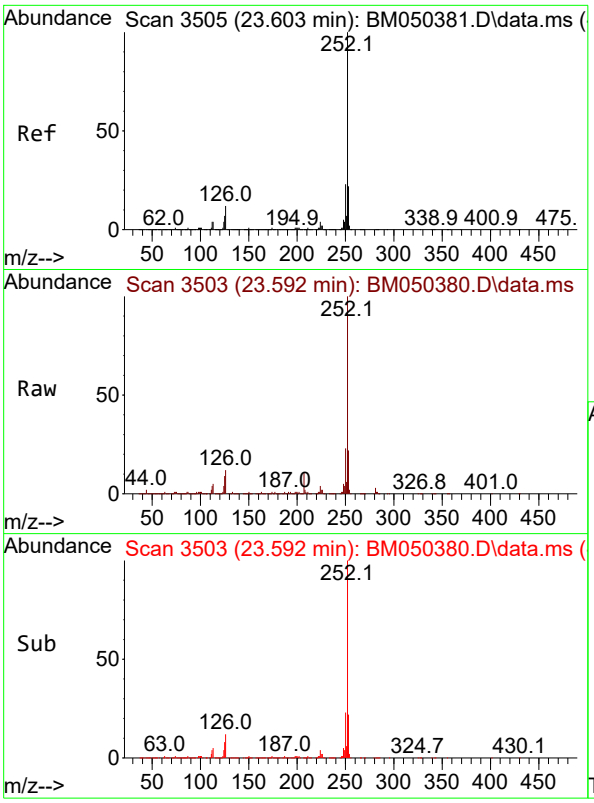


#88
Benzo(b)fluoranthene
Concen: 19.138 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:252 Resp: 1948651

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.6	6.3	9.5



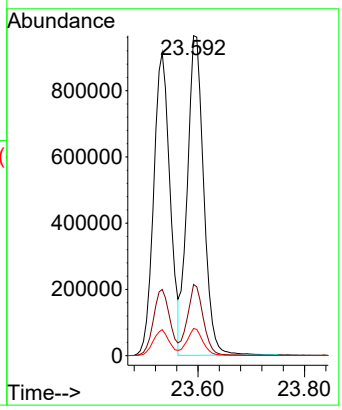


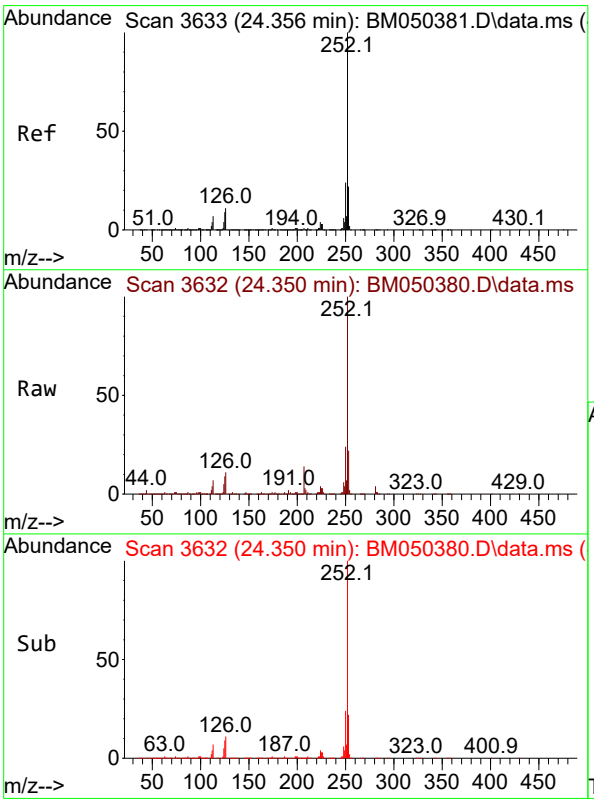
#89
Benzo(k)fluoranthene
Concen: 19.544 ng
RT: 23.592 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 2064811

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	8.5	6.2	9.2

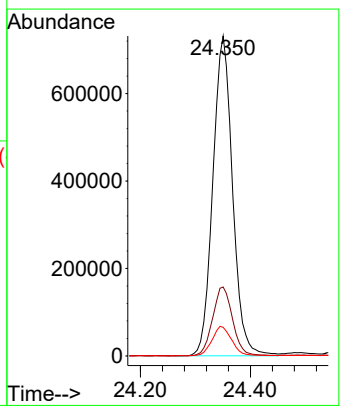


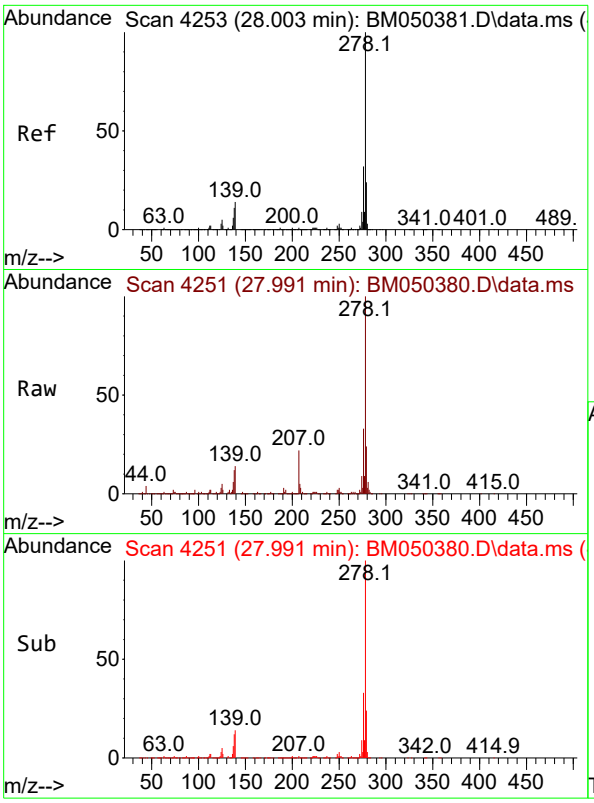


#90
Benzo(a)pyrene
Concen: 19.085 ng
RT: 24.350 min Scan# 3632
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:252 Resp: 1819117

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	8.9	7.0	10.4



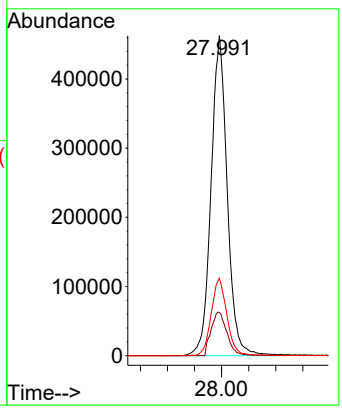


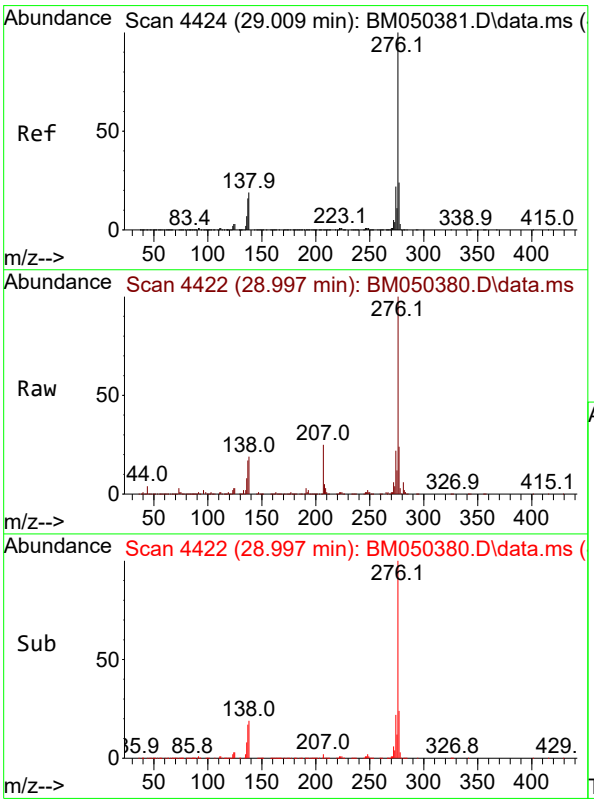
#91
Dibenzo(a,h)anthracene
Concen: 19.357 ng
RT: 27.991 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 1918673

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.8	16.2
279	24.2	19.4	29.0

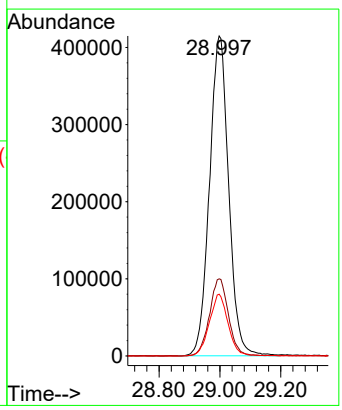




#92
Benzo(g,h,i)perylene
Concen: 19.385 ng
RT: 28.997 min Scan# 4422
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:276 Resp: 1815952

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	19.3	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	390087	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1498318	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	967077	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1834050	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1904004	20.000	ng	0.00
86) Perylene-d12	24.497	264	1842285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1797254	79.307	ng	0.00
7) Phenol-d6	7.022	99	2287075	80.057	ng	0.00
23) Nitrobenzene-d5	9.022	82	2350204	80.025	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	961125	81.797	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	6157884	78.635	ng	0.00
79) Terphenyl-d14	19.845	244	9584372	88.568	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	358574	38.479	ng	100
3) Pyridine	3.734	79	957840	39.152	ng	100
4) n-Nitrosodimethylamine	3.640	42	446254	39.127	ng	100
6) Aniline	7.187	93	1465425	39.971	ng	100
8) 2-Chlorophenol	7.428	128	949275	39.725	ng	100
9) Benzaldehyde	6.998	77	699931m	41.183	ng	
10) Phenol	7.051	94	1176548	39.486	ng	100
11) bis(2-Chloroethyl)ether	7.287	93	933093	39.103	ng	100
12) 1,3-Dichlorobenzene	7.757	146	1129597	38.876	ng	100
13) 1,4-Dichlorobenzene	7.904	146	1143020	38.525	ng	100
14) 1,2-Dichlorobenzene	8.222	146	1100335	38.737	ng	100
15) Benzyl Alcohol	8.098	79	797306	39.610	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1367157	38.896	ng	100
17) 2-Methylphenol	8.298	107	772662	39.981	ng	100
18) Hexachloroethane	8.951	117	406049	38.914	ng	100
19) n-Nitroso-di-n-propyla...	8.669	70	710692	41.065	ng	100
20) 3+4-Methylphenols	8.628	107	1033775	39.847	ng	100
22) Acetophenone	8.681	105	1471867	39.290	ng	100
24) Nitrobenzene	9.057	77	1034216	39.463	ng	100
25) Isophorone	9.592	82	1916609	40.218	ng	100
26) 2-Nitrophenol	9.775	139	440758	41.266	ng	100
27) 2,4-Dimethylphenol	9.833	122	895117	39.384	ng	100
28) bis(2-Chloroethoxy)met...	10.069	93	1249755	39.577	ng	100
29) 2,4-Dichlorophenol	10.304	162	934922	40.040	ng	100
30) 1,2,4-Trichlorobenzene	10.527	180	1085193	38.850	ng	100
31) Naphthalene	10.710	128	2960809	38.905	ng	100
32) Benzoic acid	9.945	122	491059	36.793	ng	100
33) 4-Chloroaniline	10.810	127	1285226	39.947	ng	100
34) Hexachlorobutadiene	11.010	225	662229	38.844	ng	100
35) Caprolactam	11.580	113	260010	40.791	ng	100
36) 4-Chloro-3-methylphenol	11.933	107	883903	40.538	ng	100
37) 2-Methylnaphthalene	12.321	142	1901706	39.576	ng	100
38) 1-Methylnaphthalene	12.539	142	2017118	39.665	ng	100
40) 1,2,4,5-Tetrachloroben...	12.692	216	1203524	39.134	ng	100
41) Hexachlorocyclopentadiene	12.680	237	765708	38.951	ng	100
43) 2,4,6-Trichlorophenol	12.927	196	761982	40.252	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	831142	40.202	ng	100
46) 1,1'-Biphenyl	13.333	154	2786215	38.832	ng	100
47) 2-Chloronaphthalene	13.368	162	2224727	38.889	ng	100
48) 2-Nitroaniline	13.563	65	538415	42.165	ng	100
49) Acenaphthylene	14.215	152	3433586	39.714	ng	100
50) Dimethylphthalate	13.951	163	2613190	39.248	ng	100
51) 2,6-Dinitrotoluene	14.063	165	528767	41.362	ng	100
52) Acenaphthene	14.557	154	2148079	39.080	ng	100
53) 3-Nitroaniline	14.386	138	568716	41.832	ng	100
54) 2,4-Dinitrophenol	14.586	184	225952	35.873	ng	100
55) Dibenzofuran	14.892	168	3305040	39.024	ng	100
56) 4-Nitrophenol	14.680	139	473550	40.504	ng	100
57) 2,4-Dinitrotoluene	14.845	165	717807	38.104	ng	100
58) Fluorene	15.539	166	2744882	39.349	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	705044	40.512	ng	100
60) Diethylphthalate	15.315	149	2532007	39.811	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	1443937	39.586	ng	100
62) 4-Nitroaniline	15.545	138	602257	39.043	ng	100
63) Azobenzene	15.827	77	2337291	40.021	ng	100
65) 4,6-Dinitro-2-methylph...	15.604	198	343246	36.538	ng	100
66) n-Nitrosodiphenylamine	15.745	169	2284645	39.809	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	798257	39.504	ng	100
68) Hexachlorobenzene	16.539	284	940659	39.414	ng	100
69) Atrazine	16.692	200	775270	41.139	ng	100
70) Pentachlorophenol	16.874	266	590077	39.717	ng	100
71) Phenanthrene	17.268	178	4039451	38.923	ng	100
72) Anthracene	17.362	178	4095570	39.646	ng	100
73) Carbazole	17.621	167	3704436	39.632	ng	100
74) Di-n-butylphthalate	18.198	149	4183360	40.890	ng	100
75) Fluoranthene	19.280	202	4522403	40.085	ng	100
77) Benzidine	19.456	184	2104809	43.341	ng	100
78) Pyrene	19.639	202	4798678	39.352	ng	100
80) Butylbenzylphthalate	20.539	149	1677924	41.731	ng	100
81) Benzo(a)anthracene	21.439	228	4880944	39.344	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1633134	39.036	ng	100
83) Chrysene	21.497	228	4604684	39.351	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2685699	42.076	ng	100
85) Di-n-octyl phthalate	22.527	149	4028194	40.294	ng	100
87) Indeno(1,2,3-cd)pyrene	27.938	276	5214934	39.813	ng	100
88) Benzo(b)fluoranthene	23.538	252	4531635	39.990	ng	100
89) Benzo(k)fluoranthene	23.603	252	4654634	39.586	ng	100
90) Benzo(a)pyrene	24.356	252	4259750	40.157	ng	100
91) Dibenzo(a,h)anthracene	28.003	278	4396741	39.857	ng	100
92) Benzo(g,h,i)perylene	29.009	276	4131353	39.626	ng	100

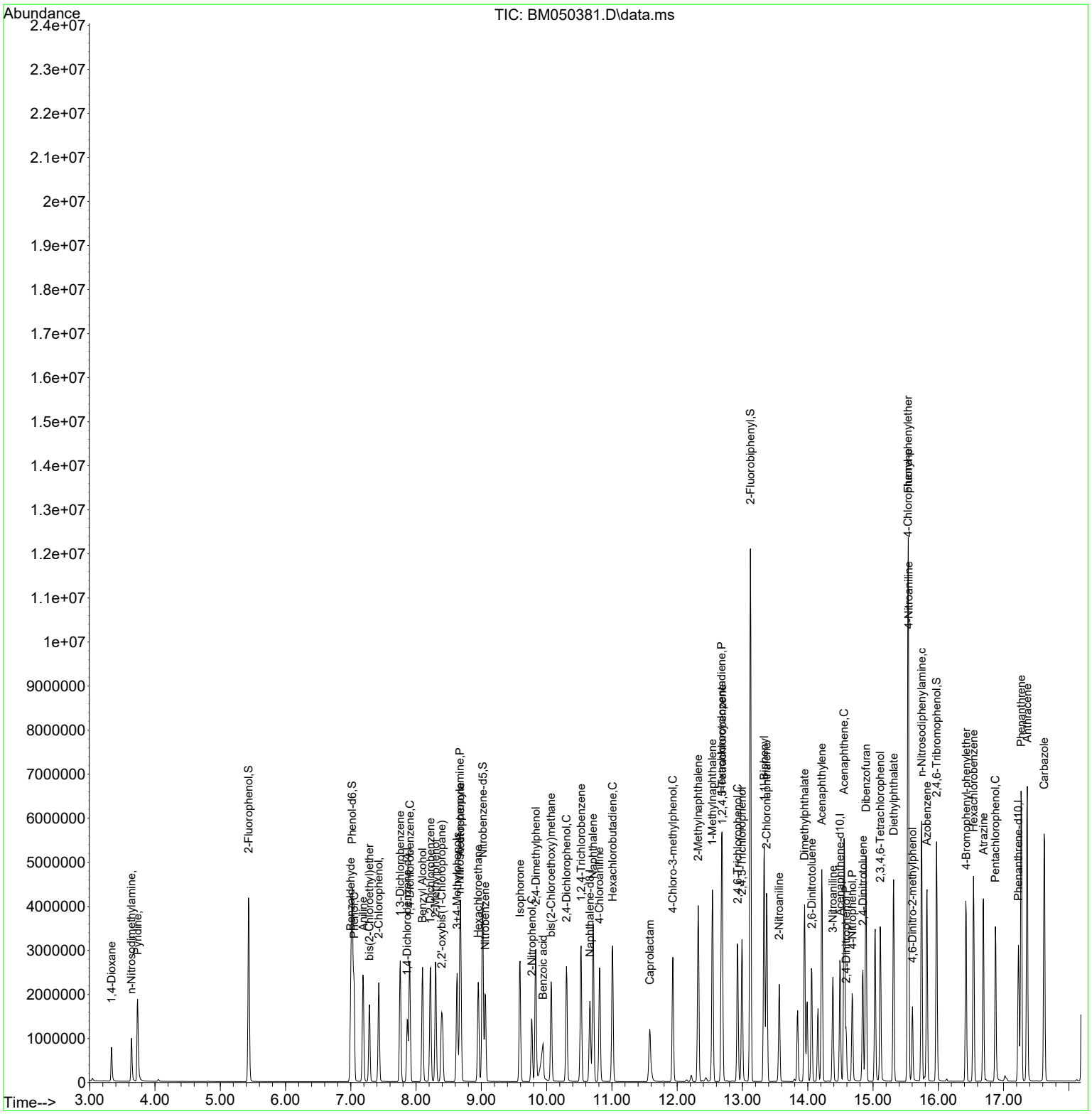
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

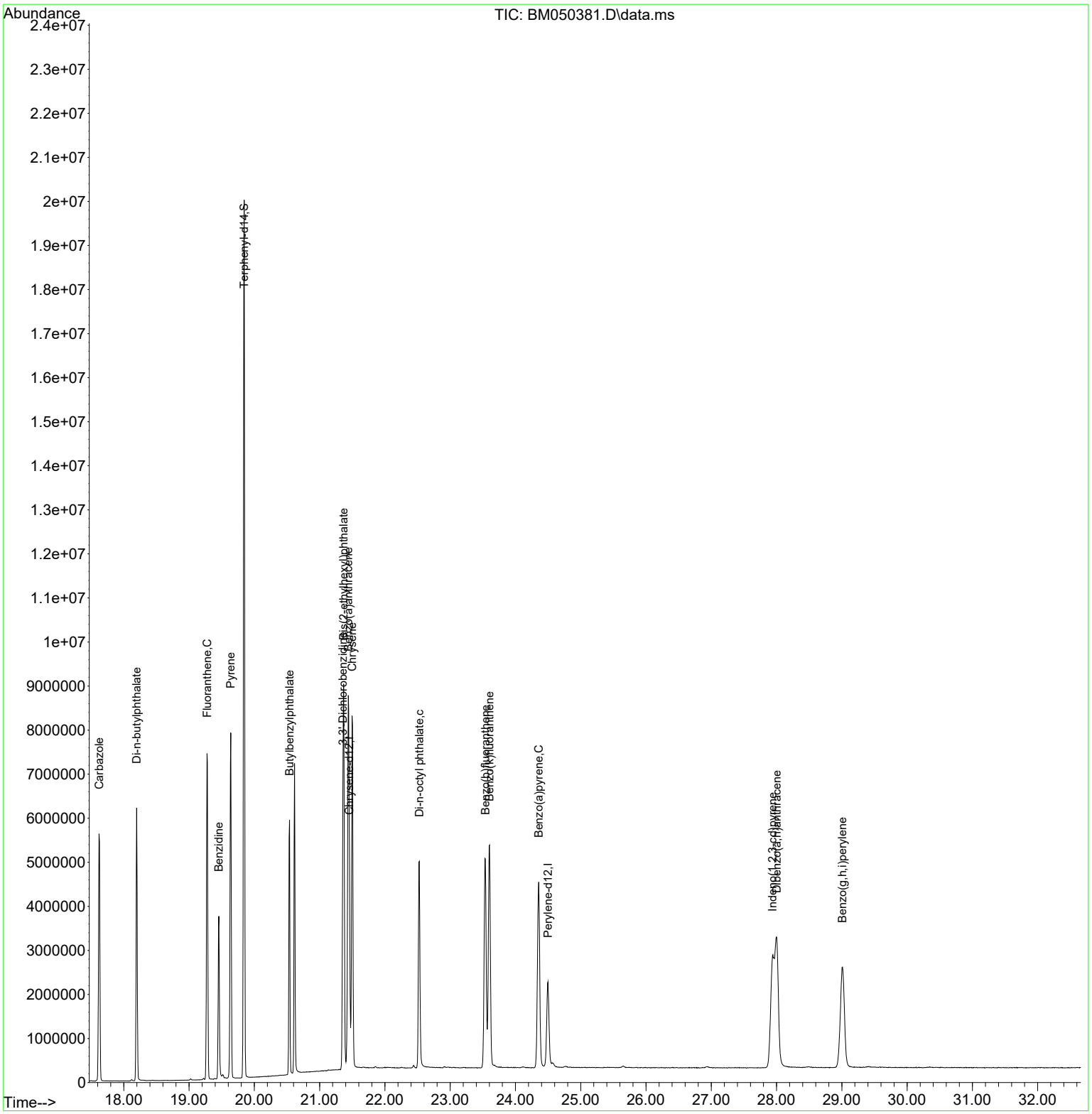


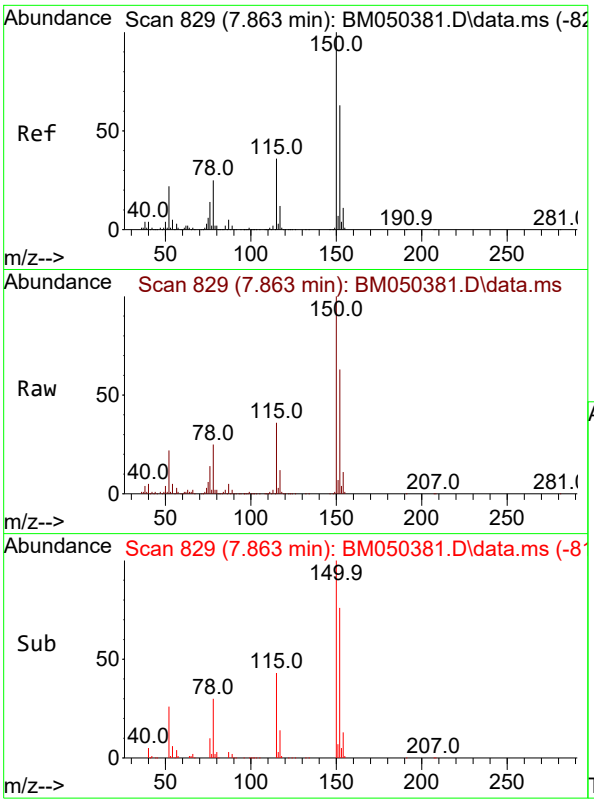
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



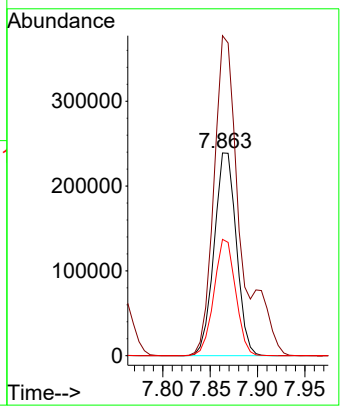


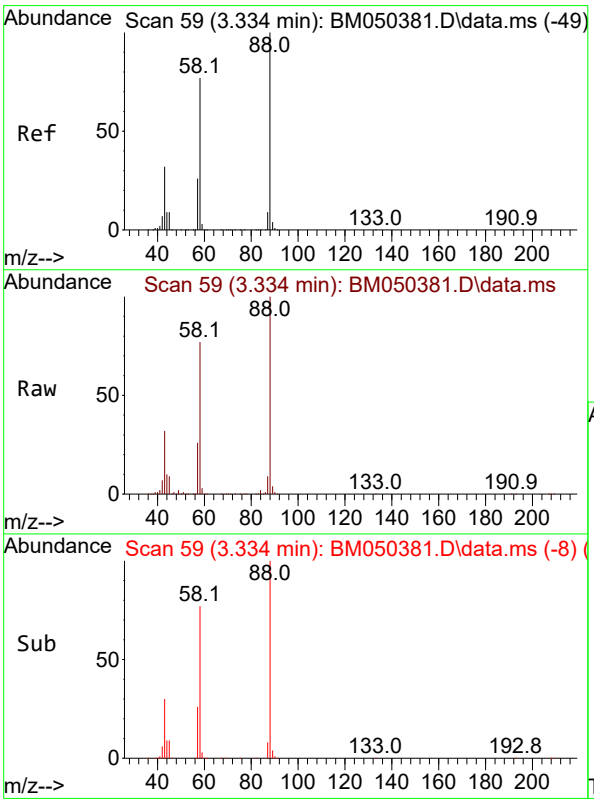
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 390087

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.4
115	57.3	45.8	68.8

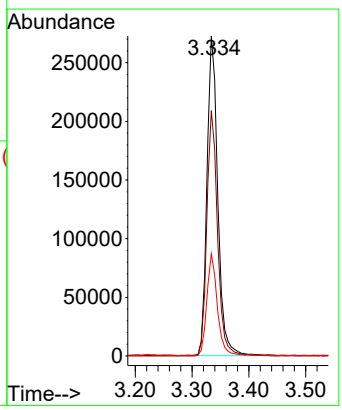


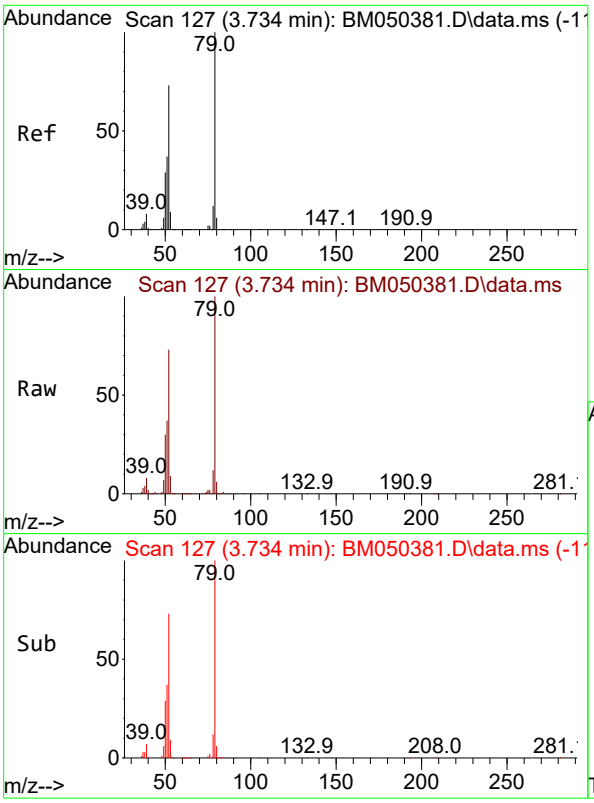


#2
1,4-Dioxane
Concen: 38.479 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 88 Resp: 358574

Ion	Ratio	Lower	Upper
88	100		
58	76.3	61.0	91.6
43	30.8	24.6	37.0



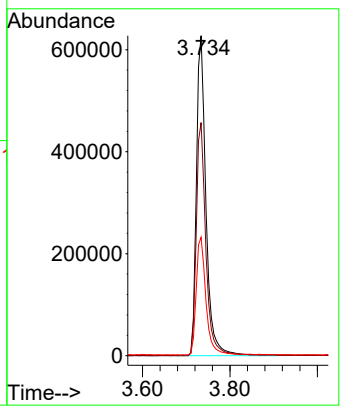


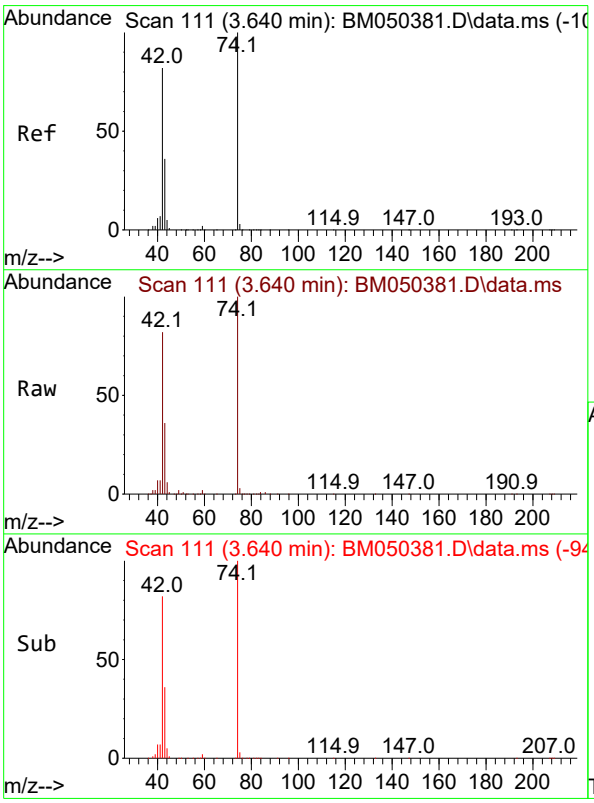
#3
Pyridine
Concen: 39.152 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 957840

Ion	Ratio	Lower	Upper
79	100		
52	72.9	58.3	87.5
51	37.0	29.6	44.4

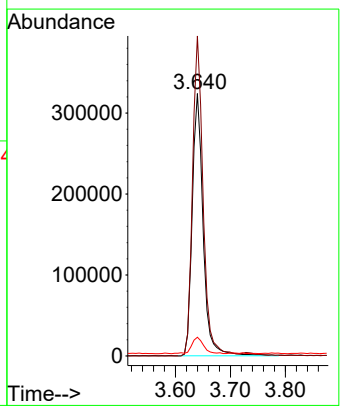


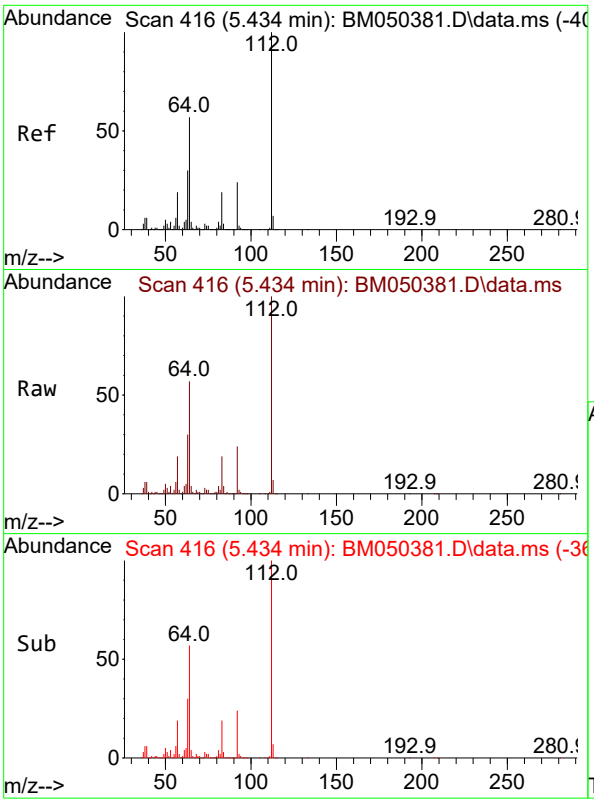


#4
n-Nitrosodimethylamine
Concen: 39.127 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 42 Resp: 446254

Ion	Ratio	Lower	Upper
42	100		
74	121.9	97.5	146.3
44	7.1	5.7	8.5



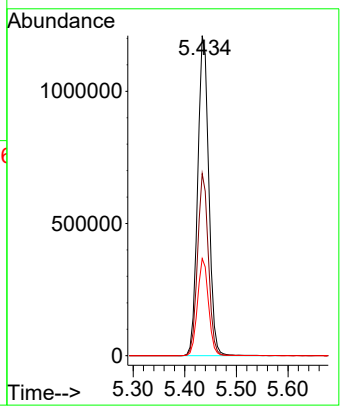


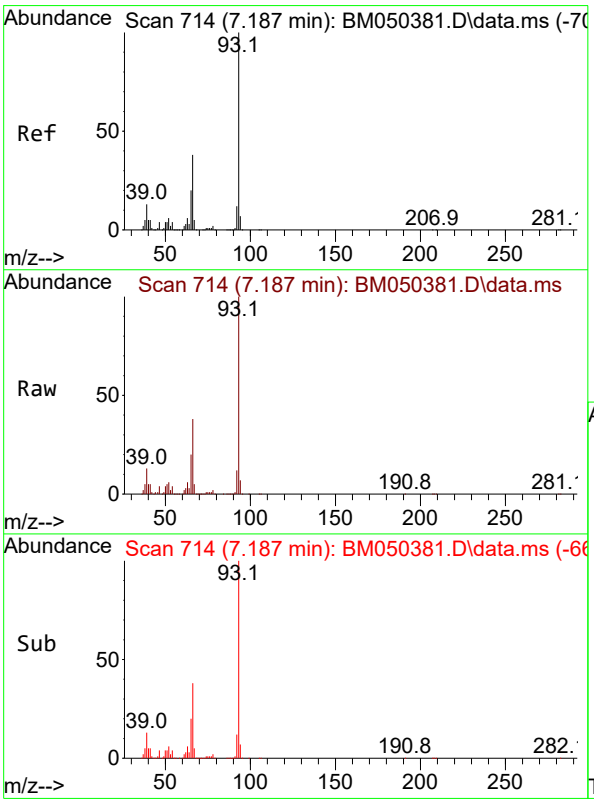
#5
2-Fluorophenol
Concen: 79.307 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1797254

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.5	68.3
63	30.3	24.2	36.4

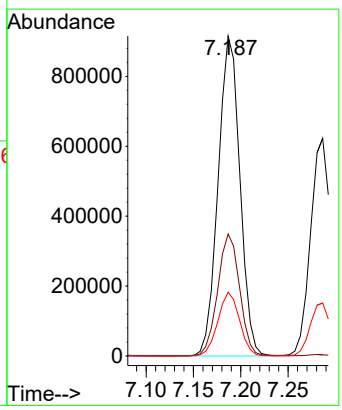


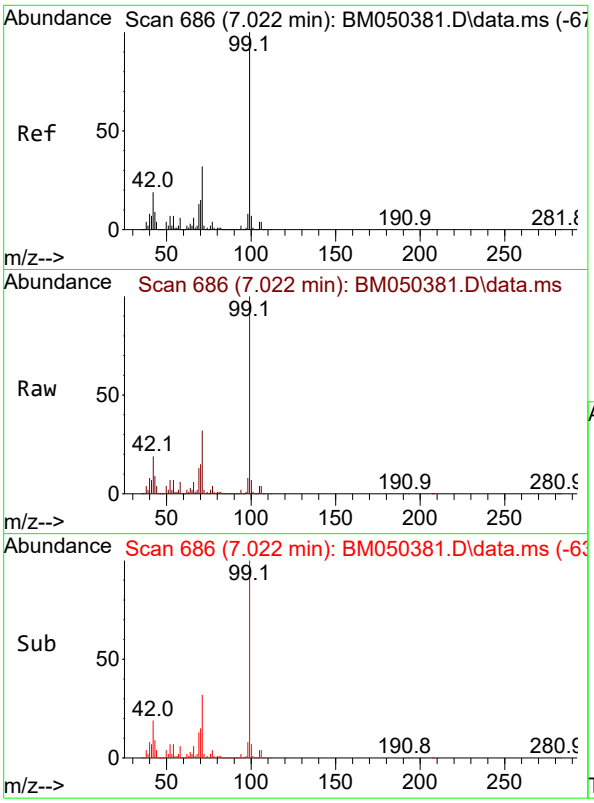


#6
Aniline
Concen: 39.971 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 93 Resp: 1465425

Ion	Ratio	Lower	Upper
93	100		
66	38.1	30.5	45.7
65	19.9	15.9	23.9



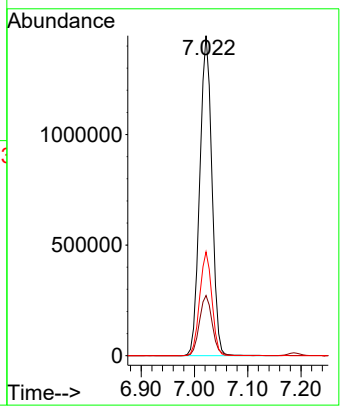


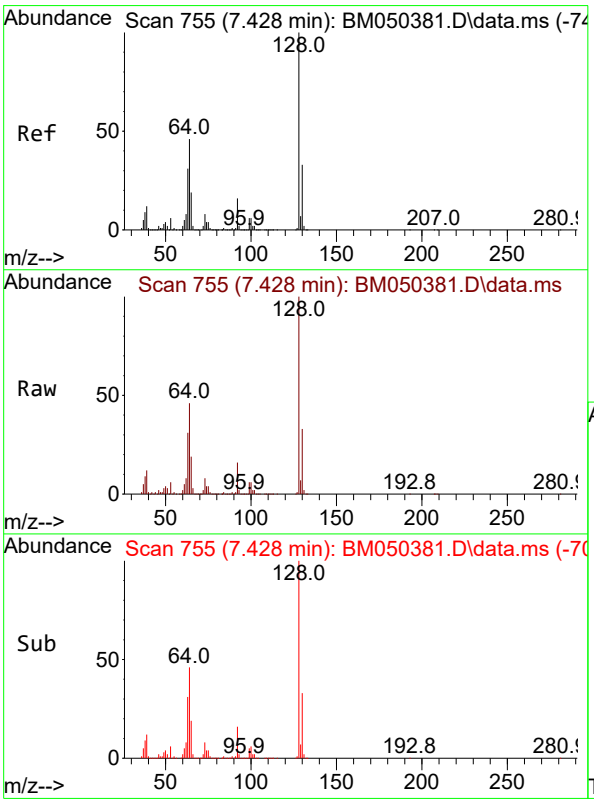
#7
Phenol-d6
Concen: 80.057 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 2287075

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.6
71	32.4	25.9	38.9

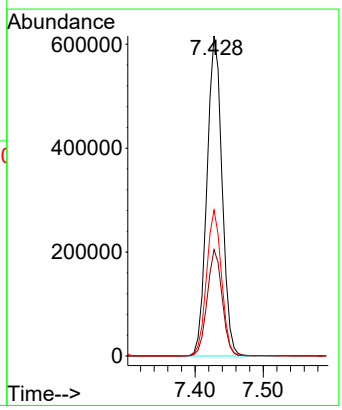


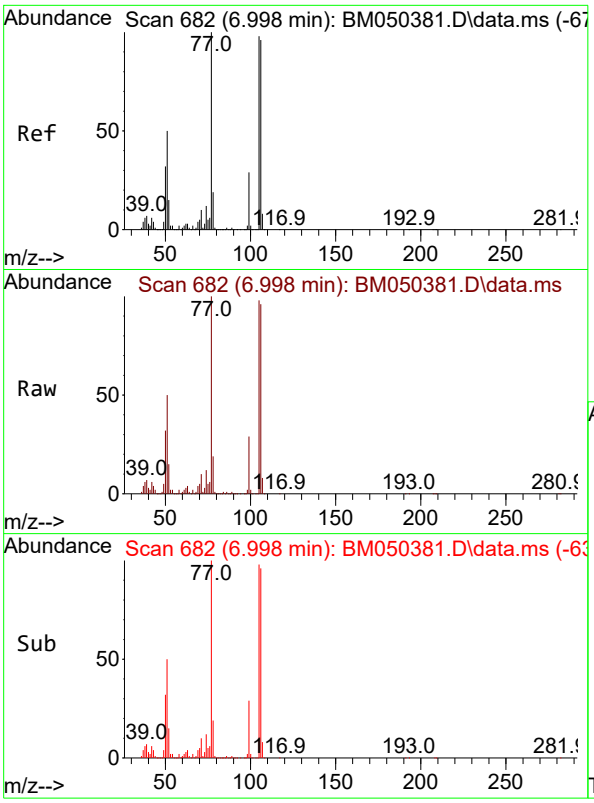


#8
2-Chlorophenol
Concen: 39.725 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:128 Resp: 949275

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.3	53.3
64	45.6	25.6	65.6



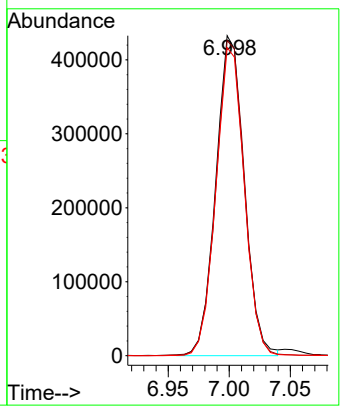


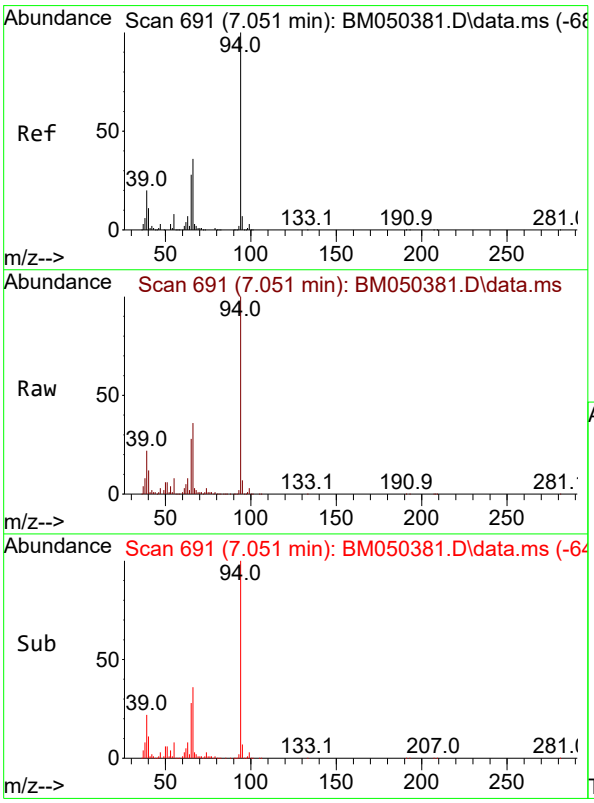
#9
Benzaldehyde
Concen: 41.183 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 699931

Ion	Ratio	Lower	Upper
77	100		
105	98.4	78.4	118.4
106	96.3	76.3	116.3

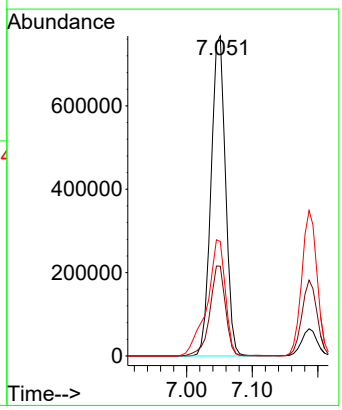


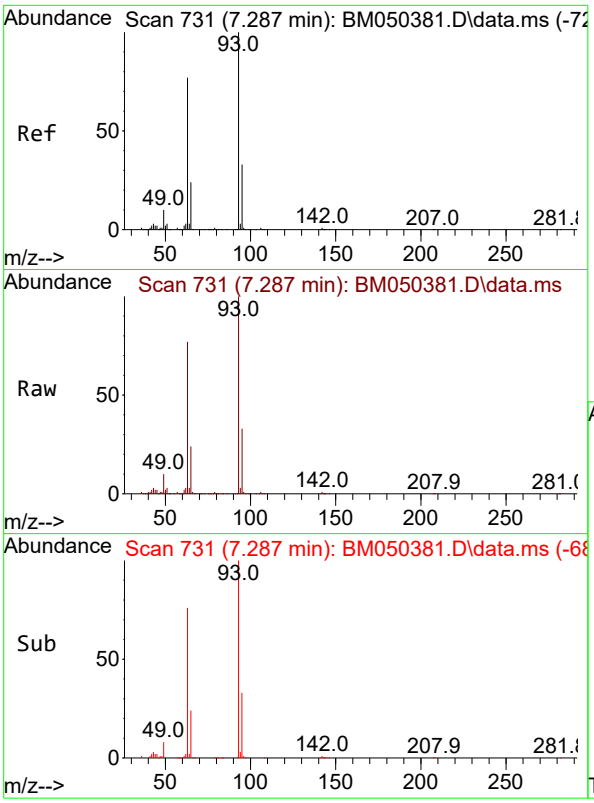


#10
Phenol
Concen: 39.486 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 94 Resp: 1176548

Ion	Ratio	Lower	Upper
94	100		
65	28.1	8.1	48.1
66	35.8	15.8	55.8



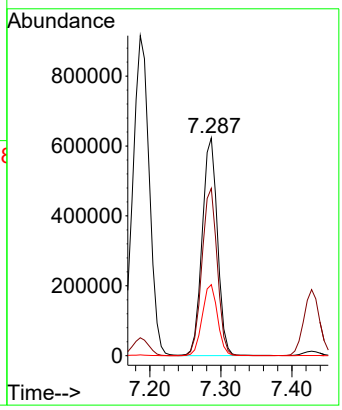


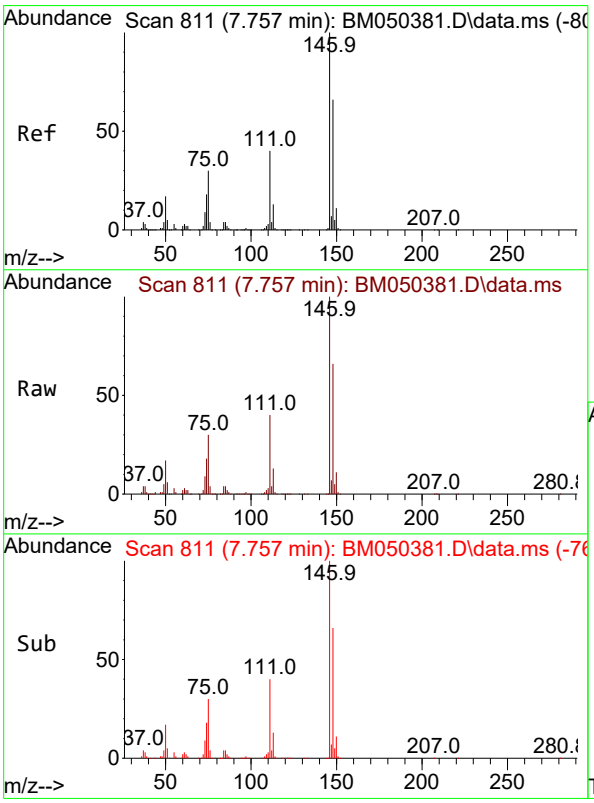
#11
bis(2-Chloroethyl)ether
Concen: 39.103 ng
RT: 7.287 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 933093

Ion	Ratio	Lower	Upper
93	100		
63	76.9	56.9	96.9
95	32.6	12.6	52.6

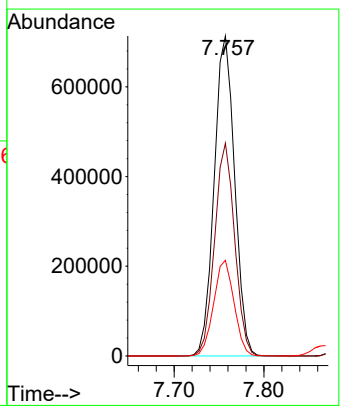


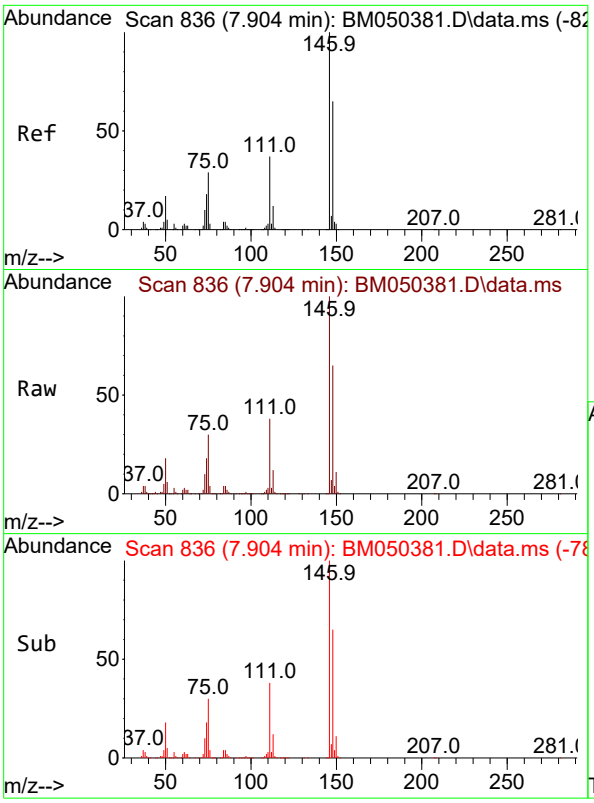


#12
1,3-Dichlorobenzene
Concen: 38.876 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:146 Resp: 1129597

Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.2	79.8
75	29.9	23.9	35.9



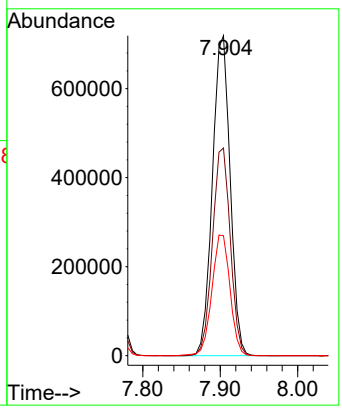


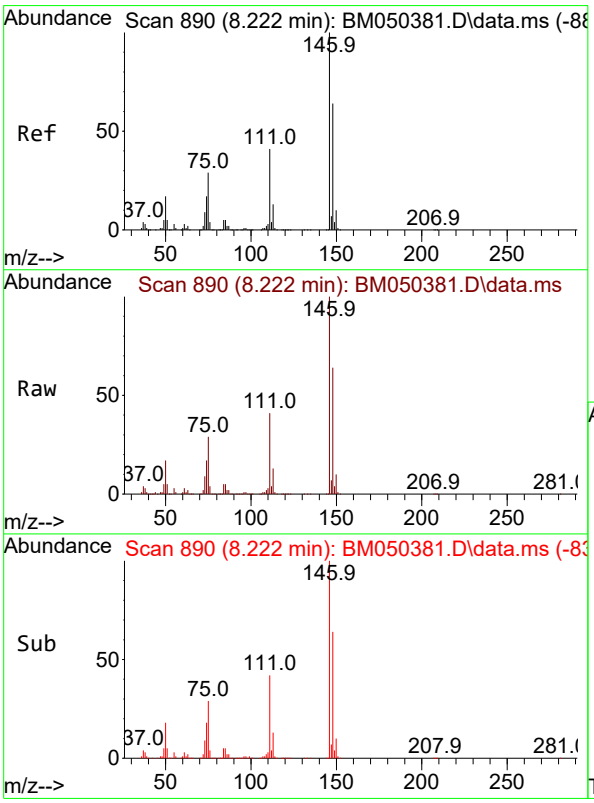
#13
1,4-Dichlorobenzene
Concen: 38.525 ng
RT: 7.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 1143020

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	37.5	30.0	45.0

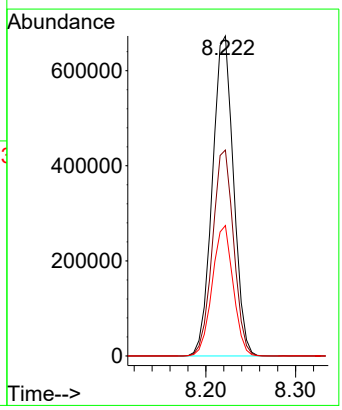


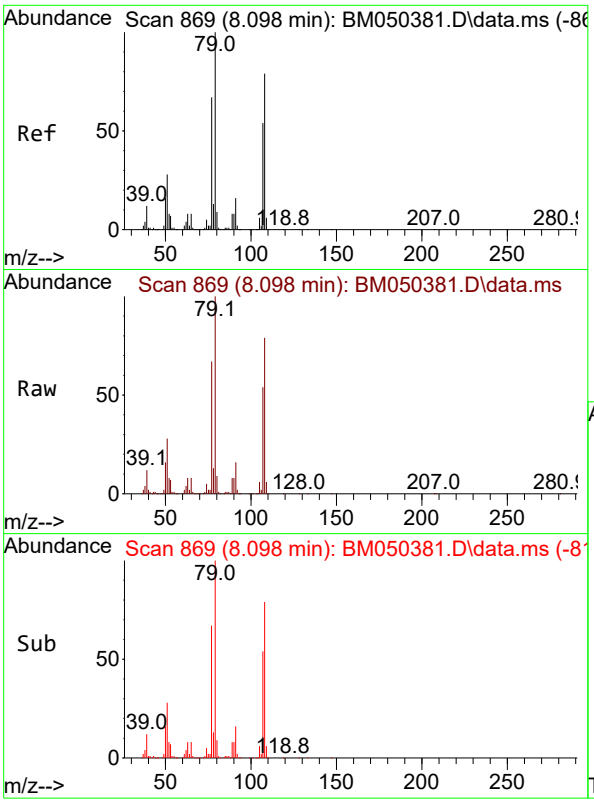


#14
1,2-Dichlorobenzene
Concen: 38.737 ng
RT: 8.222 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:146 Resp: 1100335

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	40.8	32.6	49.0



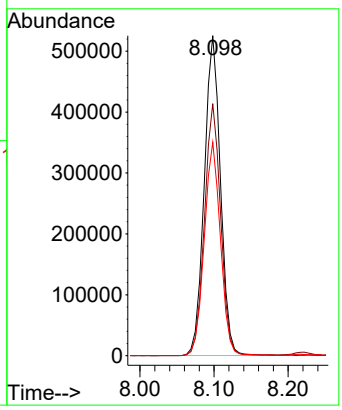


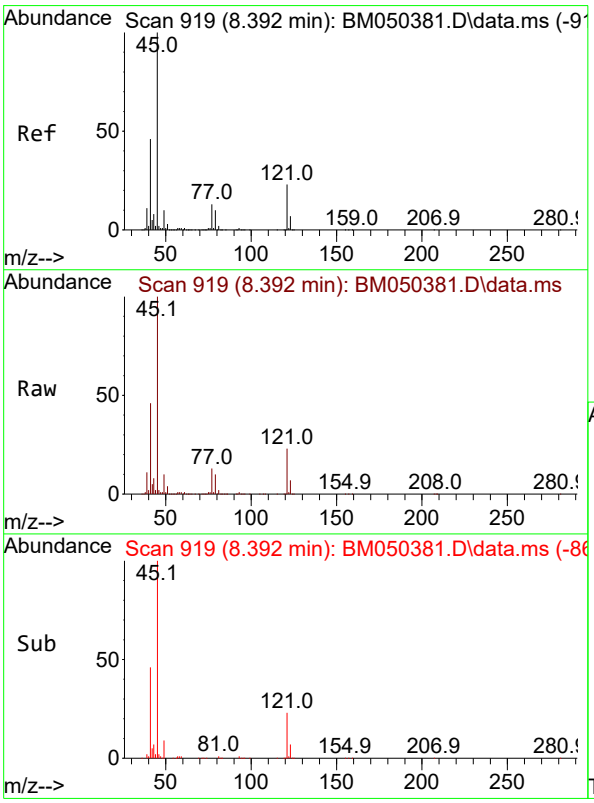
#15
Benzyl Alcohol
Concen: 39.610 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 797306

Ion	Ratio	Lower	Upper
79	100		
108	78.7	63.0	94.4
77	66.7	53.4	80.0

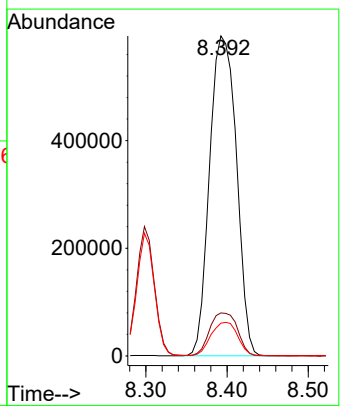


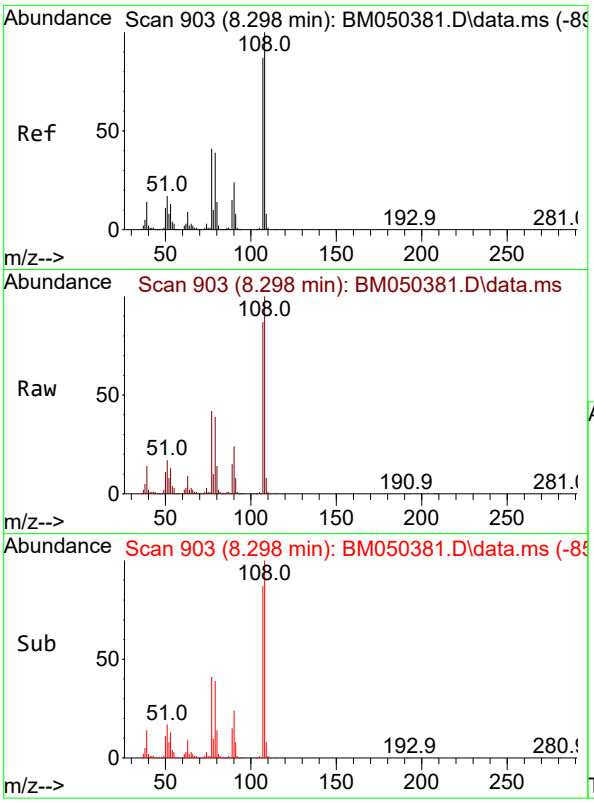


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.896 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 45 Resp: 1367157

Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.5
79	10.3	0.0	30.3



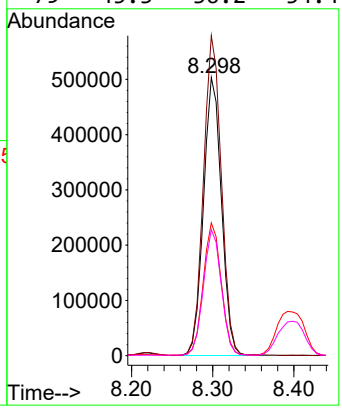


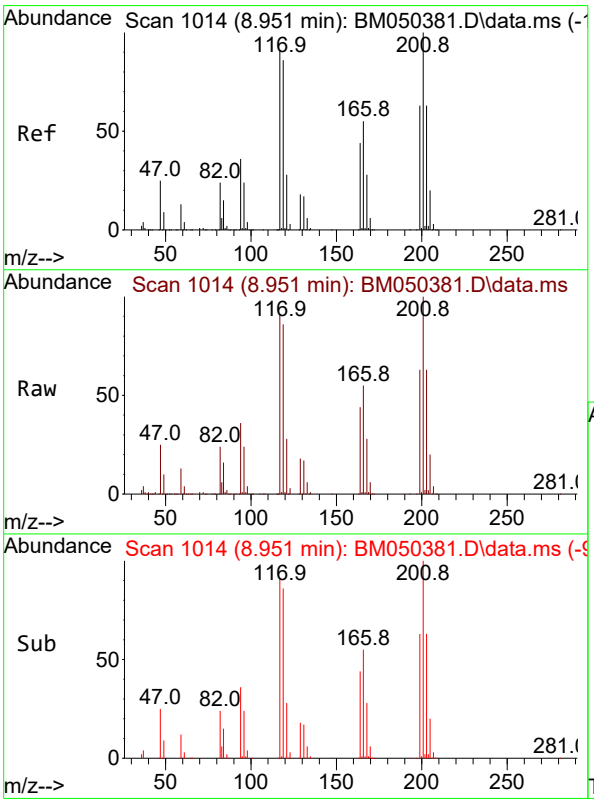
#17
2-Methylphenol
Concen: 39.981 ng
RT: 8.298 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 772662

Ion	Ratio	Lower	Upper
107	100		
108	115.1	92.1	138.1
77	47.8	38.2	57.4
79	45.3	36.2	54.4

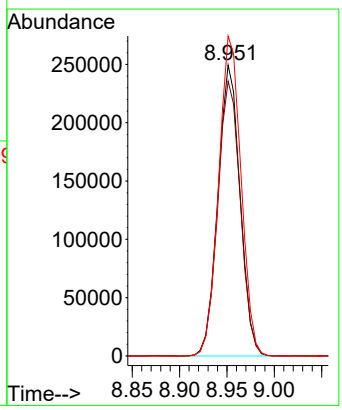


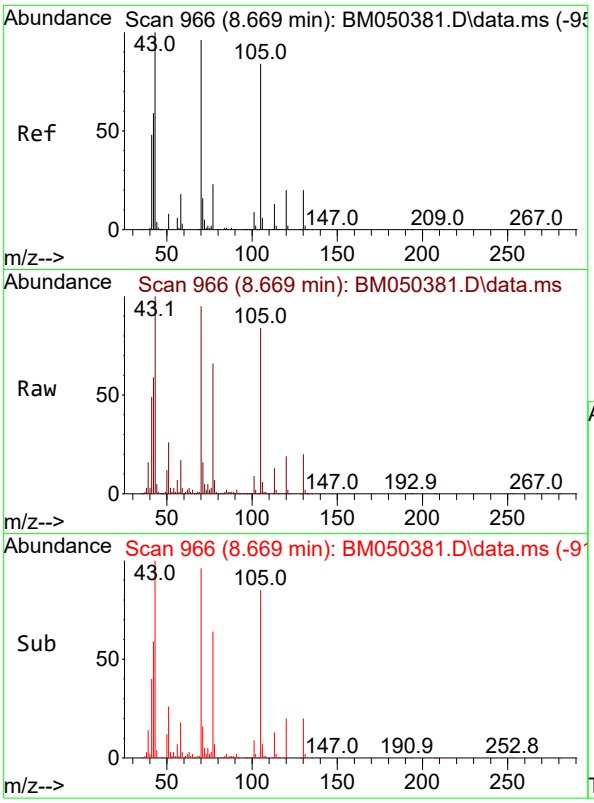


#18
Hexachloroethane
Concen: 38.914 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:117 Resp: 406049

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.6	113.4
201	109.9	87.9	131.9



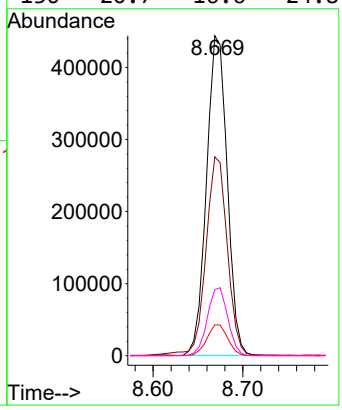


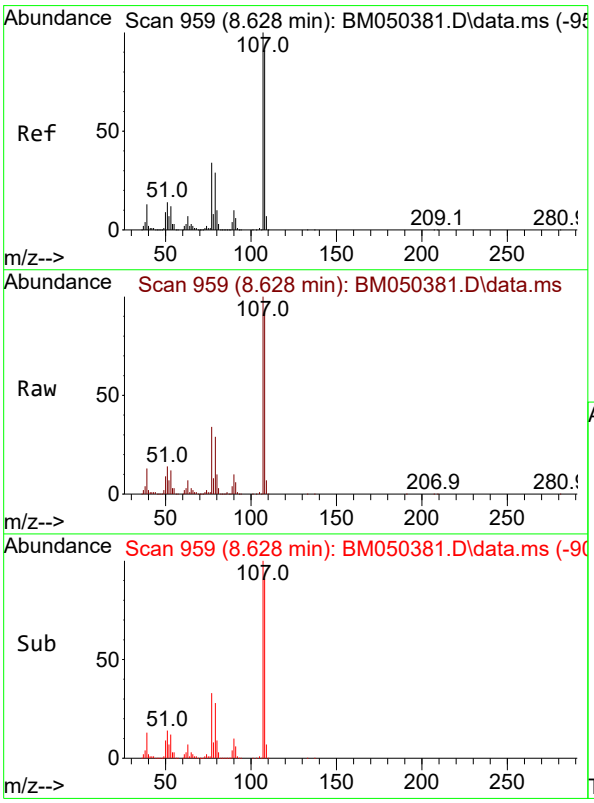
#19
n-Nitroso-di-n-propylamine
Concen: 41.065 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 710692

Ion	Ratio	Lower	Upper
70	100		
42	62.1	49.7	74.5
101	9.6	7.7	11.5
130	20.7	16.6	24.8

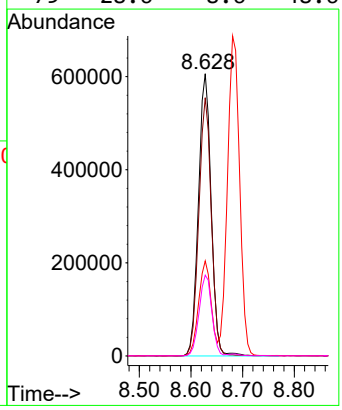


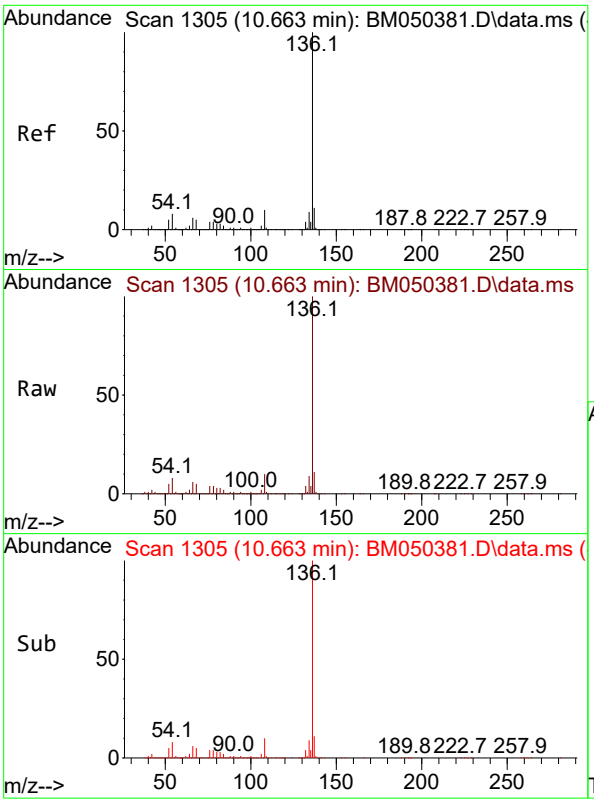


#20
3+4-Methylphenols
Concen: 39.847 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:107 Resp: 1033775

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	33.7	13.7	53.7
79	28.6	8.6	48.6



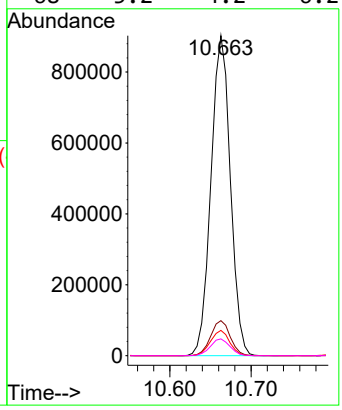


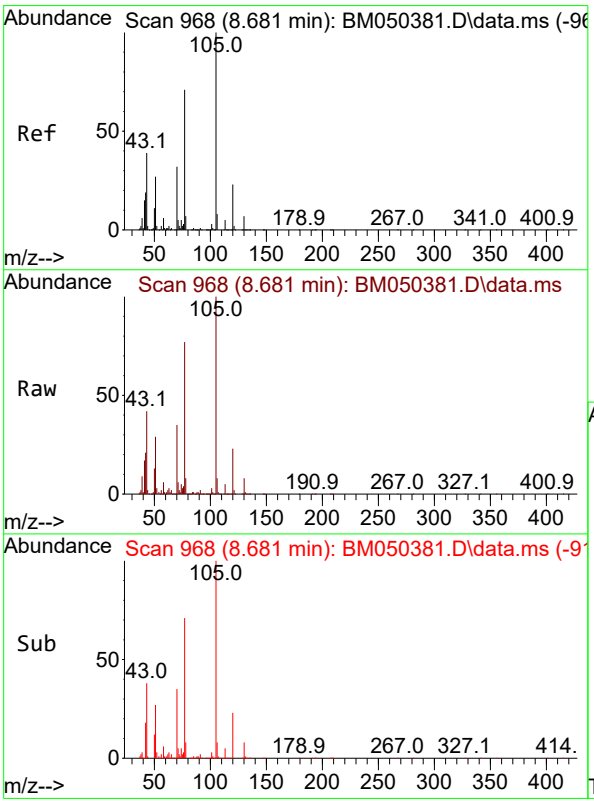
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 1498318

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	6.3	9.5
68	5.2	4.2	6.2

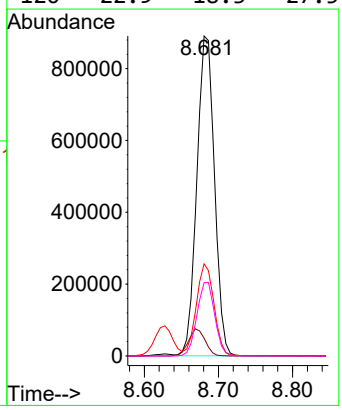


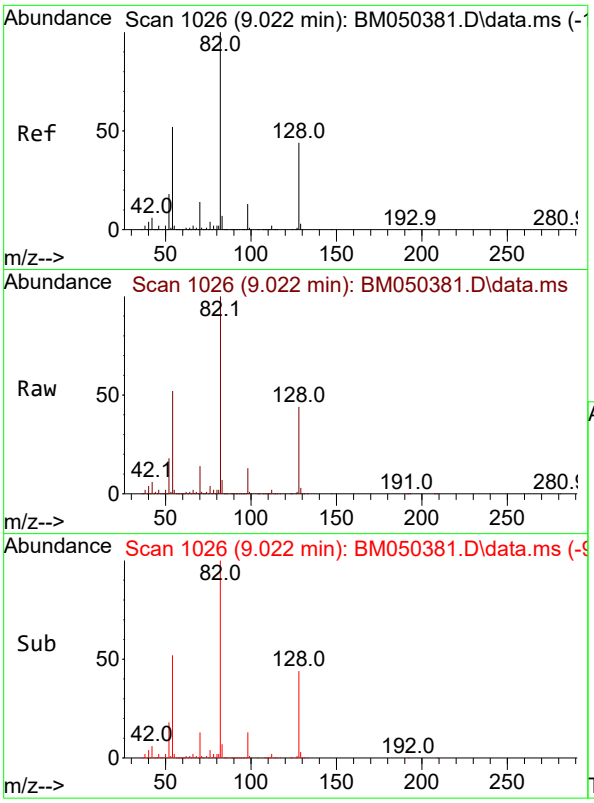


#22
Acetophenone
Concen: 39.290 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:105 Resp: 1471867

Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.4	6.6
51	28.8	23.0	34.6
120	22.9	18.3	27.5



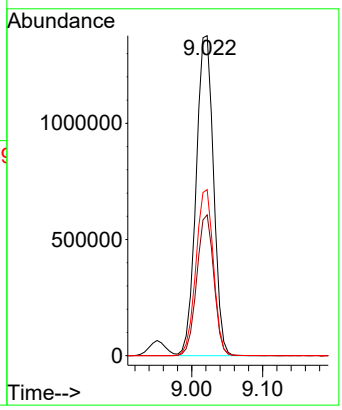


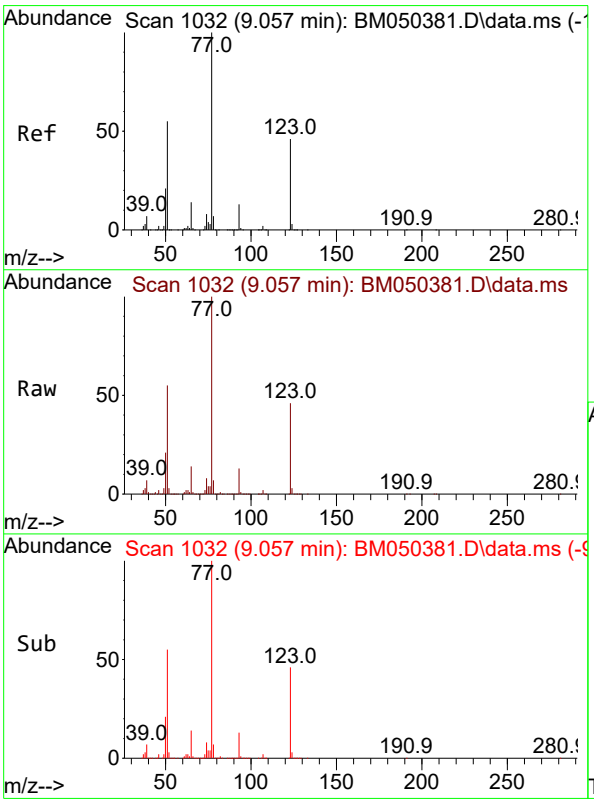
#23
Nitrobenzene-d5
Concen: 80.025 ng
RT: 9.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 2350204

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	51.9	41.5	62.3

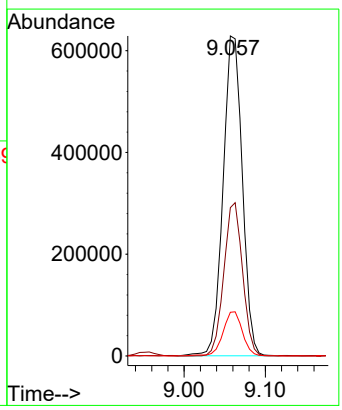


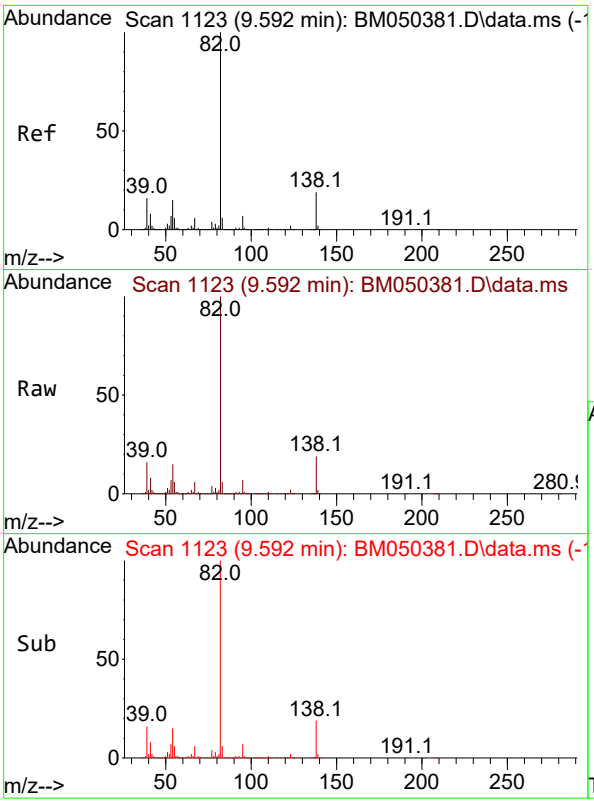


#24
Nitrobenzene
Concen: 39.463 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 77 Resp: 1034216

Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.0	55.6
65	13.7	11.0	16.4



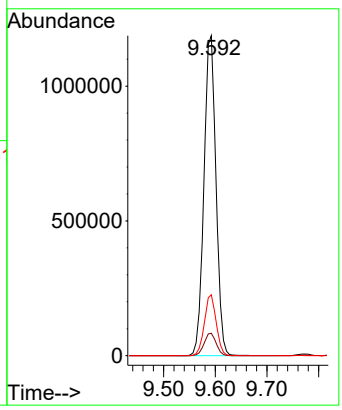


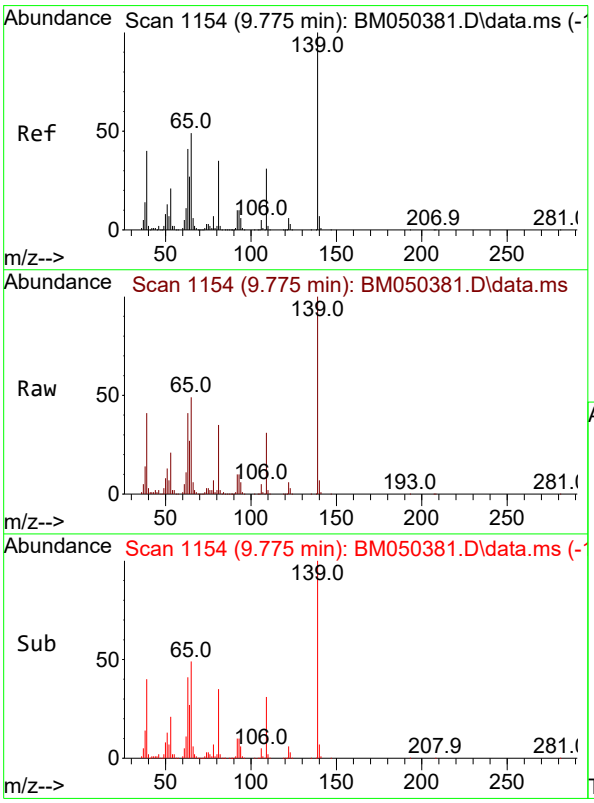
#25
Isophorone
Concen: 40.218 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1916609

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.1	15.3	22.9

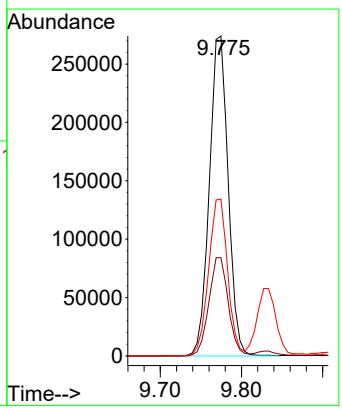


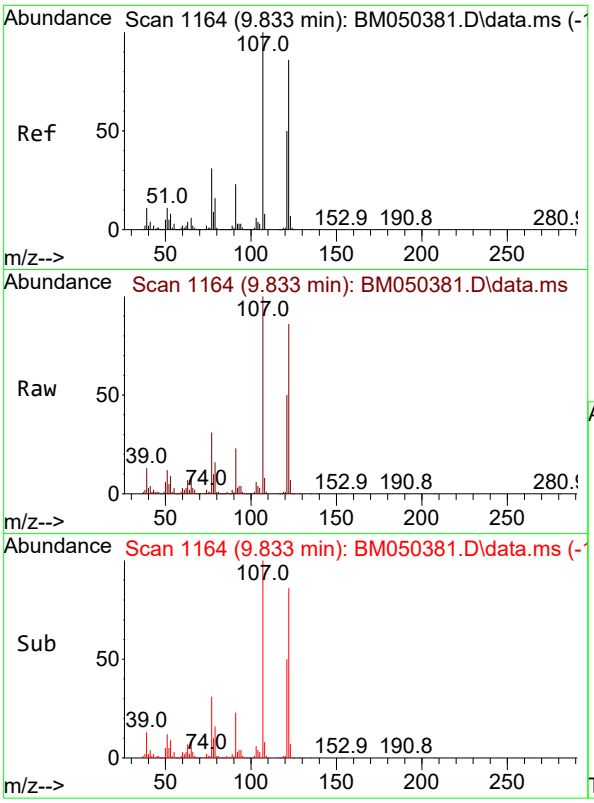


#26
2-Nitrophenol
Concen: 41.266 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:139 Resp: 440758

Ion	Ratio	Lower	Upper
139	100		
109	30.7	24.6	36.8
65	49.0	39.2	58.8



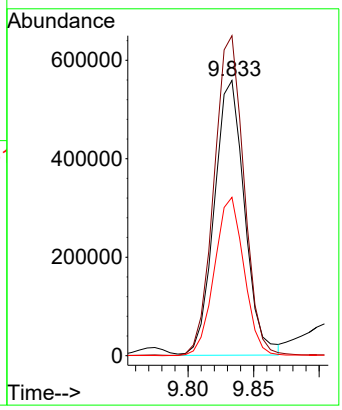


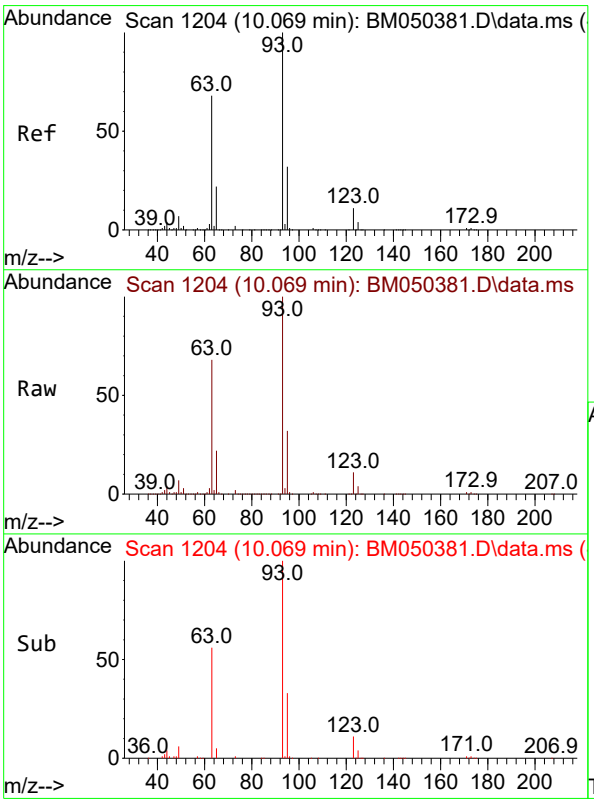
#27
2,4-Dimethylphenol
Concen: 39.384 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 895117

Ion	Ratio	Lower	Upper
122	100		
107	116.3	93.0	139.6
121	57.6	46.1	69.1

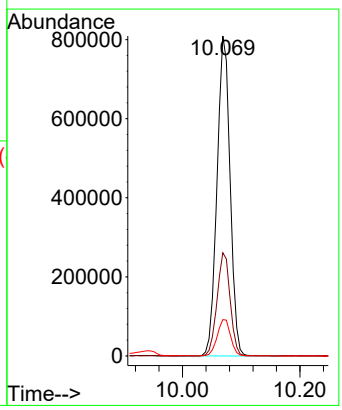


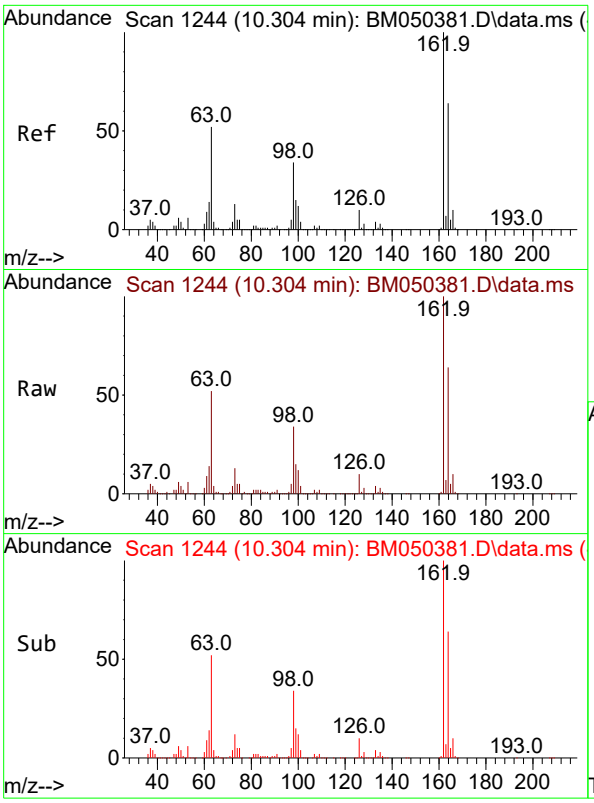


#28
bis(2-Chloroethoxy)methane
Concen: 39.577 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 93 Resp: 1249755

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	11.4	9.1	13.7



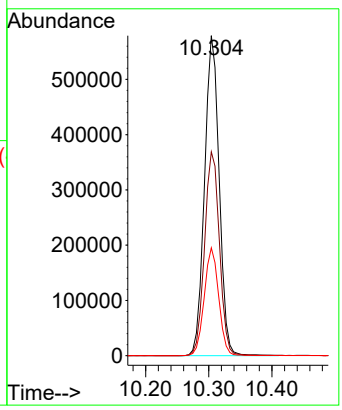


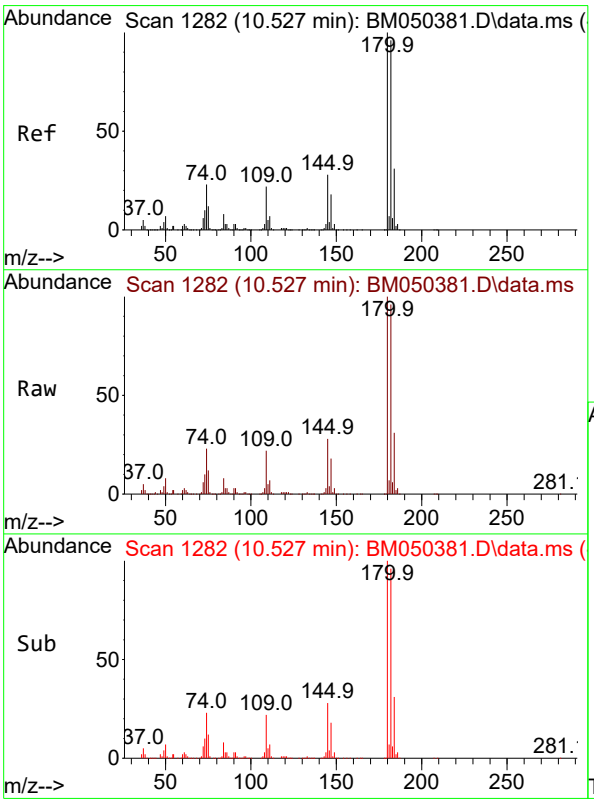
#29
2,4-Dichlorophenol
Concen: 40.040 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 934922

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	33.7	13.7	53.7

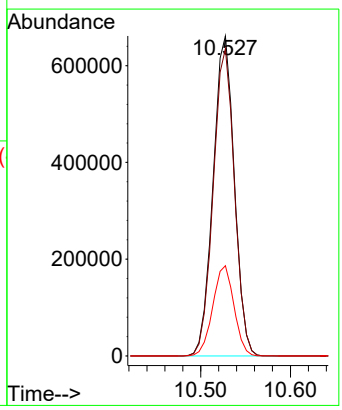


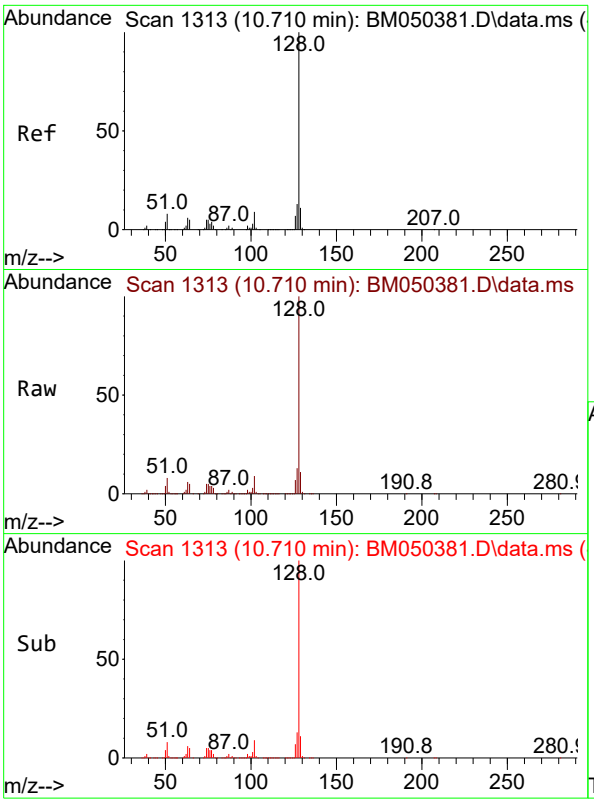


#30
1,2,4-Trichlorobenzene
Concen: 38.850 ng
RT: 10.527 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:180 Resp: 1085193

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	28.2	22.6	33.8



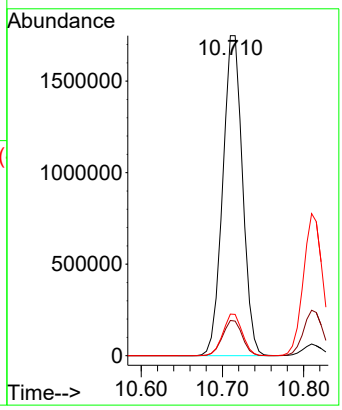


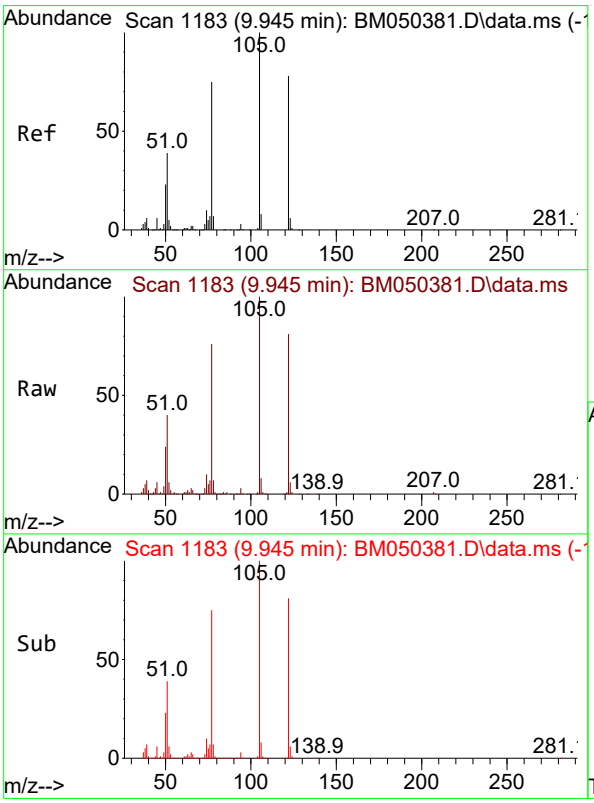
#31
Naphthalene
Concen: 38.905 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 2960809

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.4	15.6

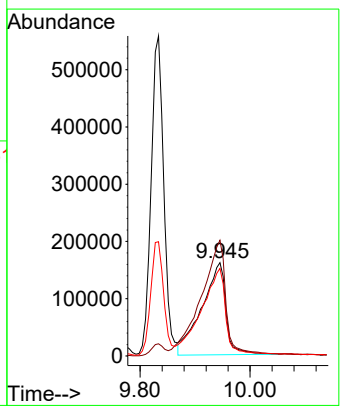


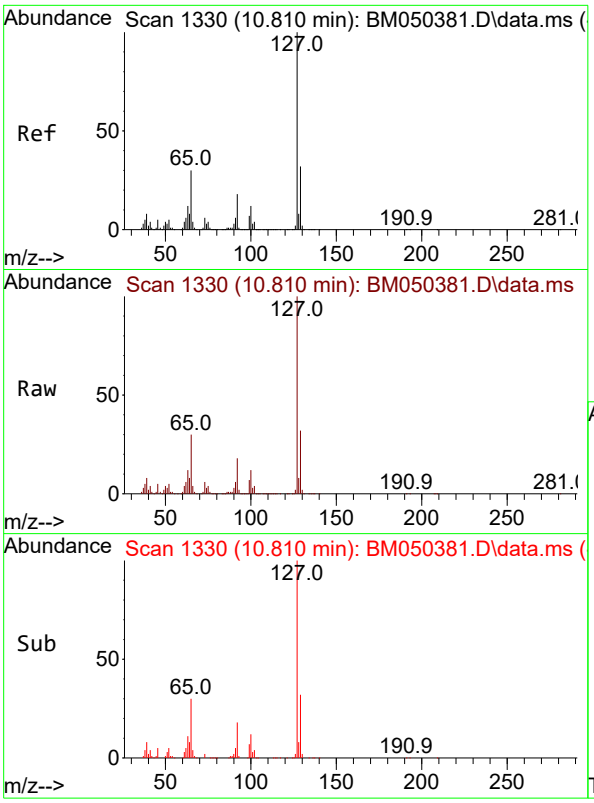


#32
Benzoic acid
Concen: 36.793 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:122 Resp: 491059

Ion	Ratio	Lower	Upper
122	100		
105	124.0	104.0	144.0
77	93.8	73.8	113.8



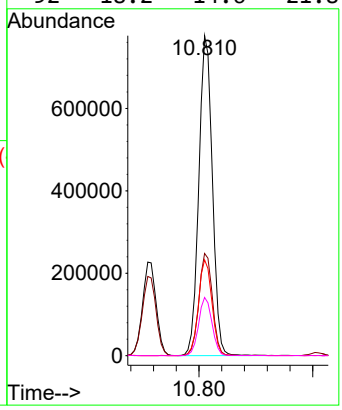


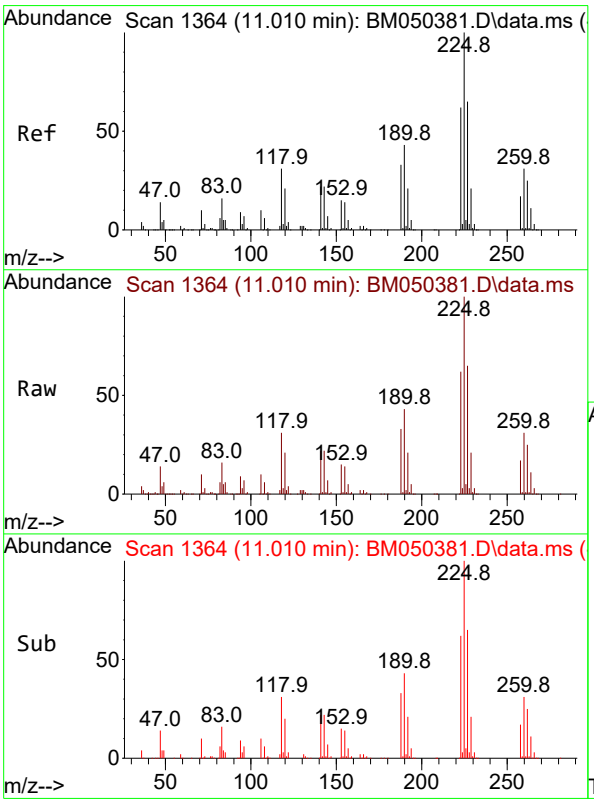
#33
4-Chloroaniline
Concen: 39.947 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 1285226

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	29.9	23.9	35.9
92	18.2	14.6	21.8

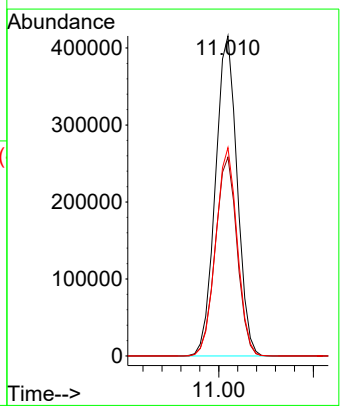


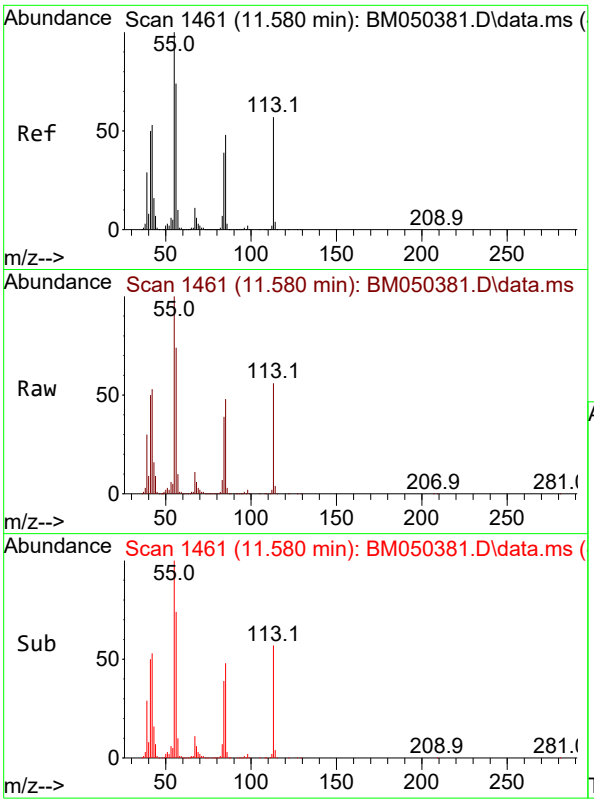


#34
Hexachlorobutadiene
Concen: 38.844 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:225 Resp: 662229

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	65.1	52.1	78.1



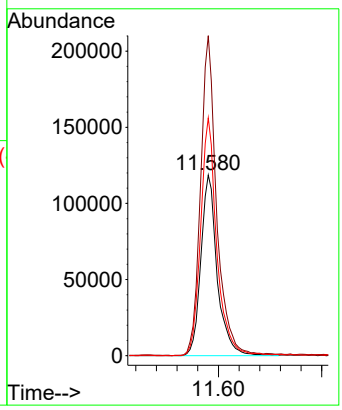


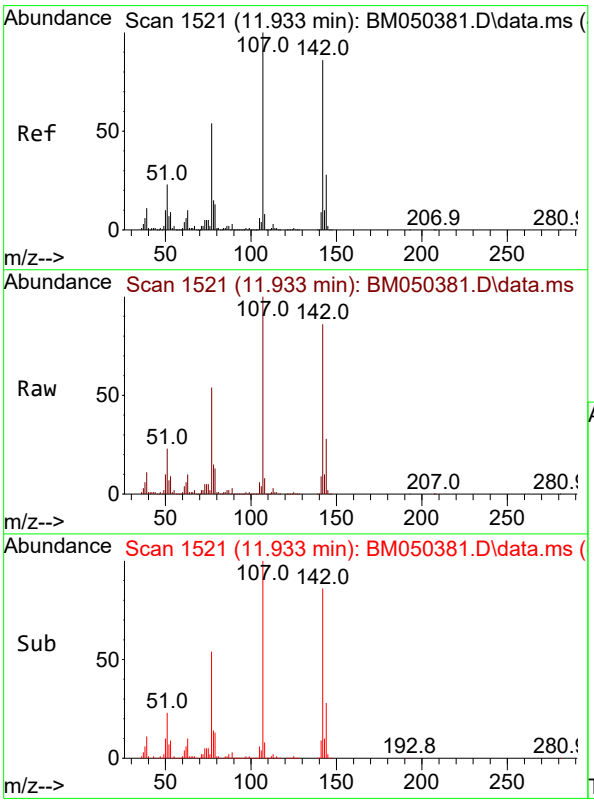
#35
Caprolactam
Concen: 40.791 ng
RT: 11.580 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 260010

Ion	Ratio	Lower	Upper
113	100		
55	177.2	157.2	197.2
56	131.7	111.7	151.7

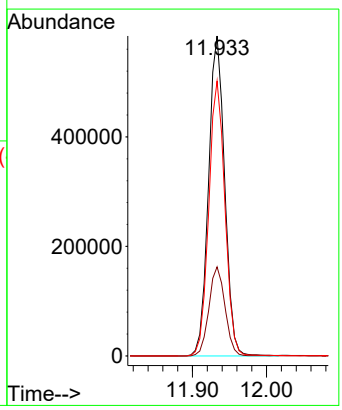


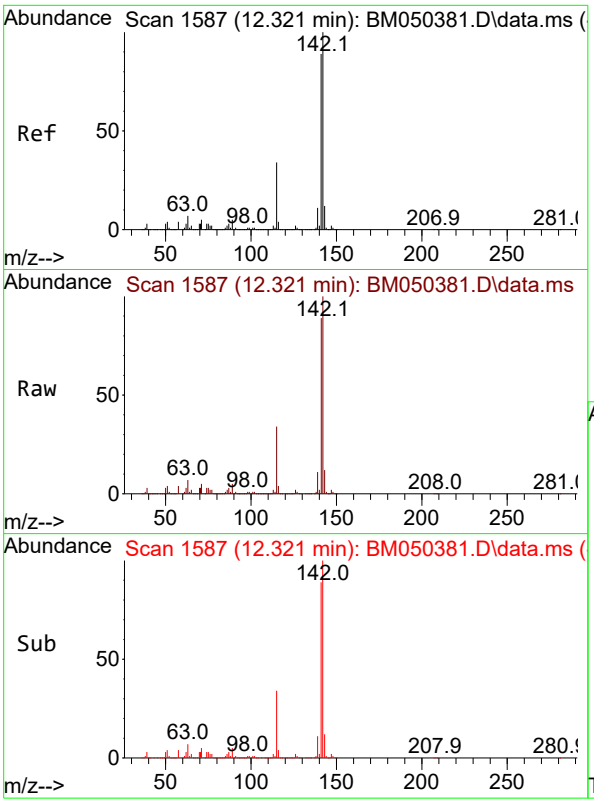


#36
4-Chloro-3-methylphenol
Concen: 40.538 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:107 Resp: 883903

Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.2	33.4
142	85.9	68.7	103.1



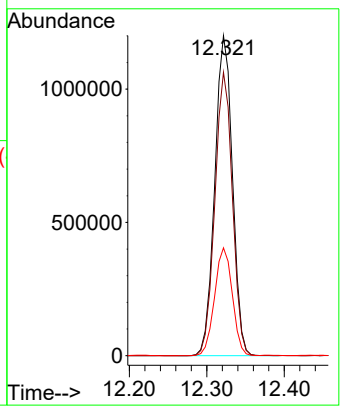


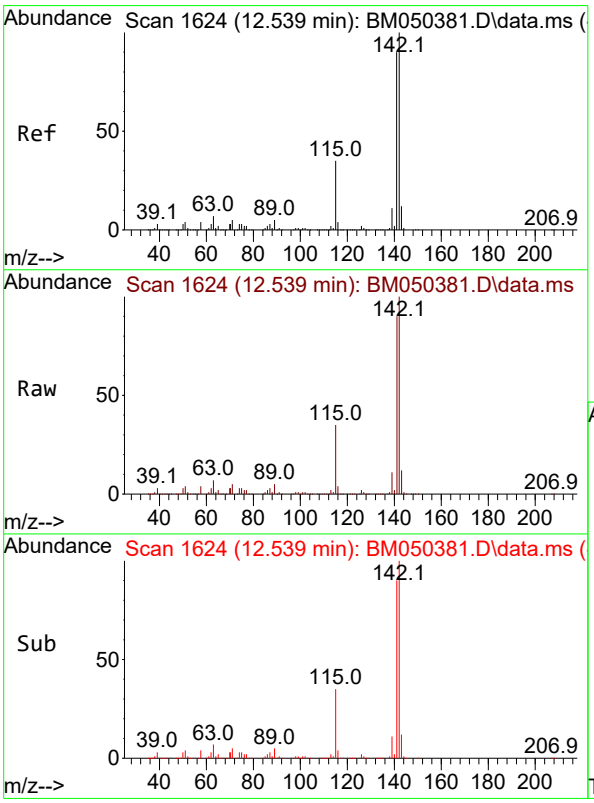
#37
2-Methylnaphthalene
Concen: 39.576 ng
RT: 12.321 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 1901706

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	33.7	27.0	40.4

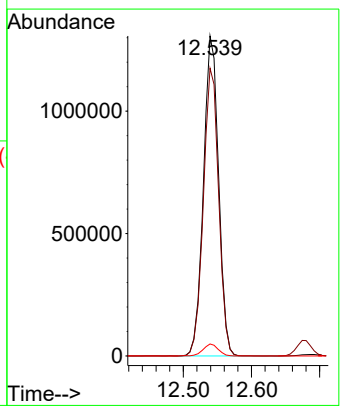


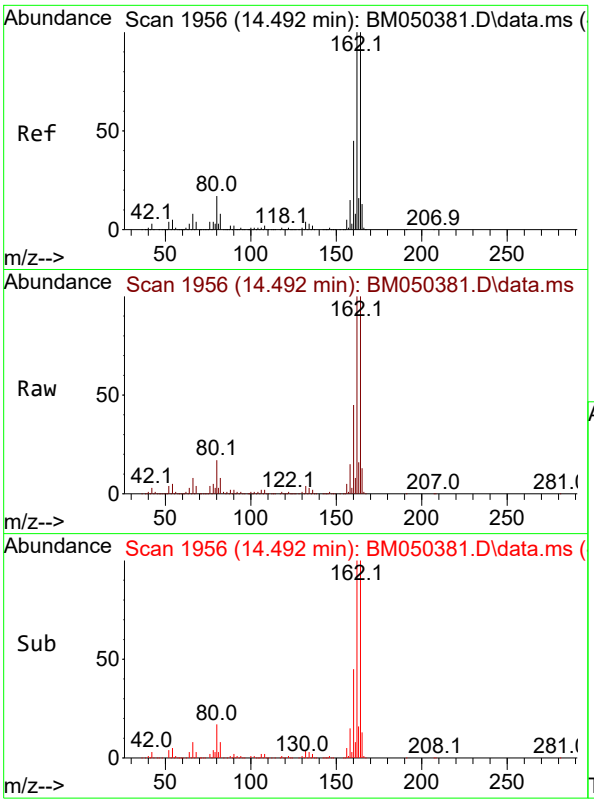


#38
1-Methylnaphthalene
Concen: 39.665 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:142 Resp: 2017118

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
116	3.8	3.0	4.6



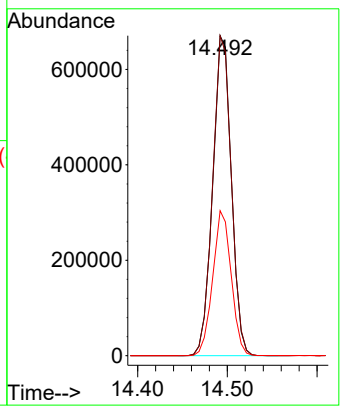


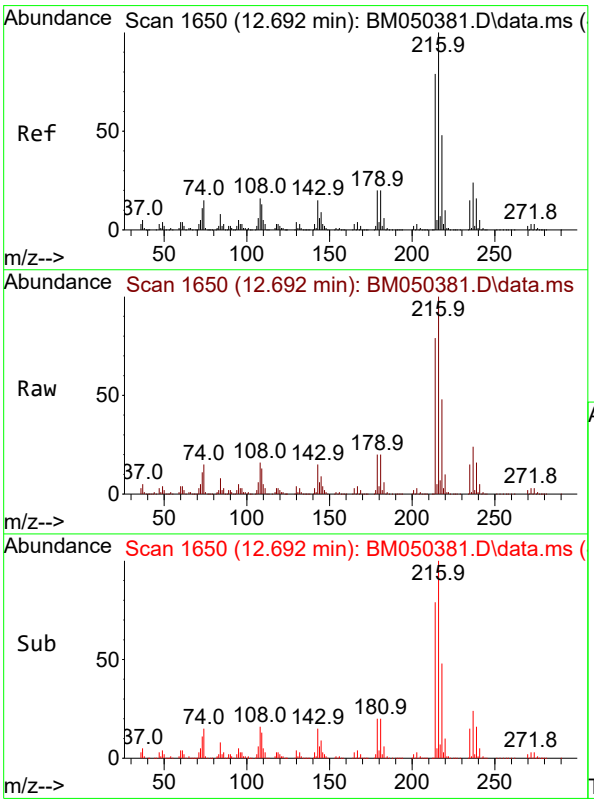
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 967077

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.9	119.9
160	45.3	36.2	54.4

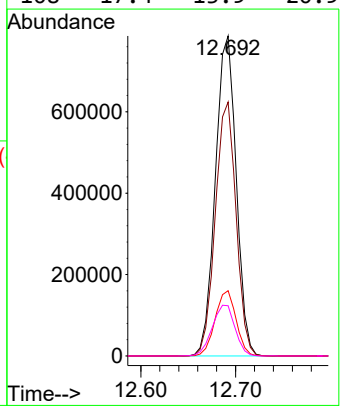


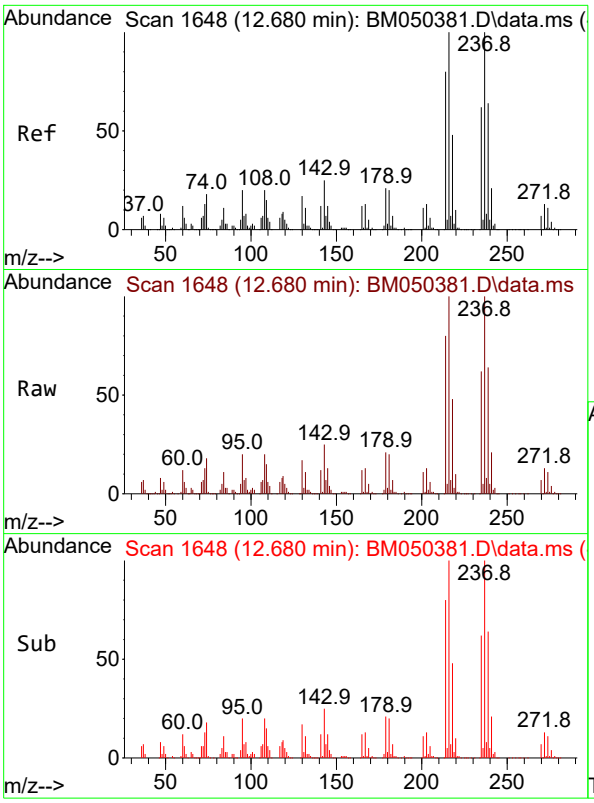


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.134 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:216 Resp: 1203524

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	20.5	16.4	24.6
108	17.4	13.9	20.9



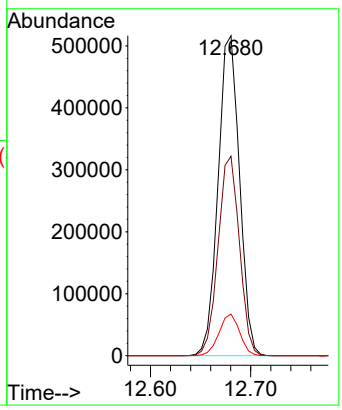


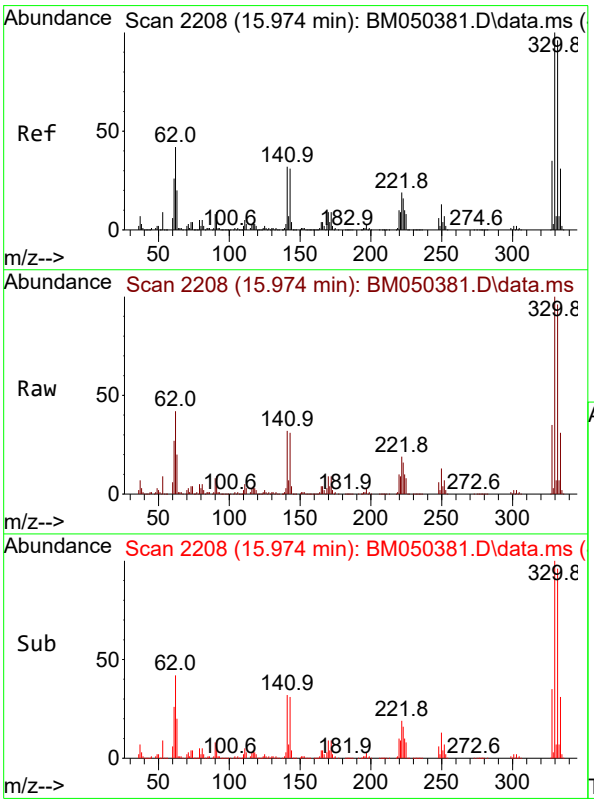
#41
Hexachlorocyclopentadiene
Concen: 38.951 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 765708

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.3	82.3
272	13.0	0.0	33.0

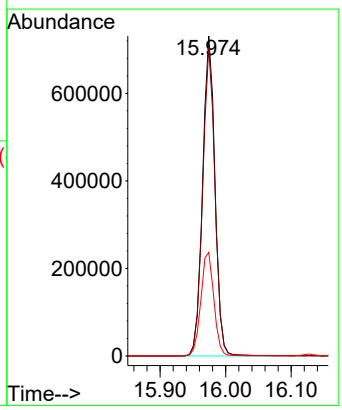


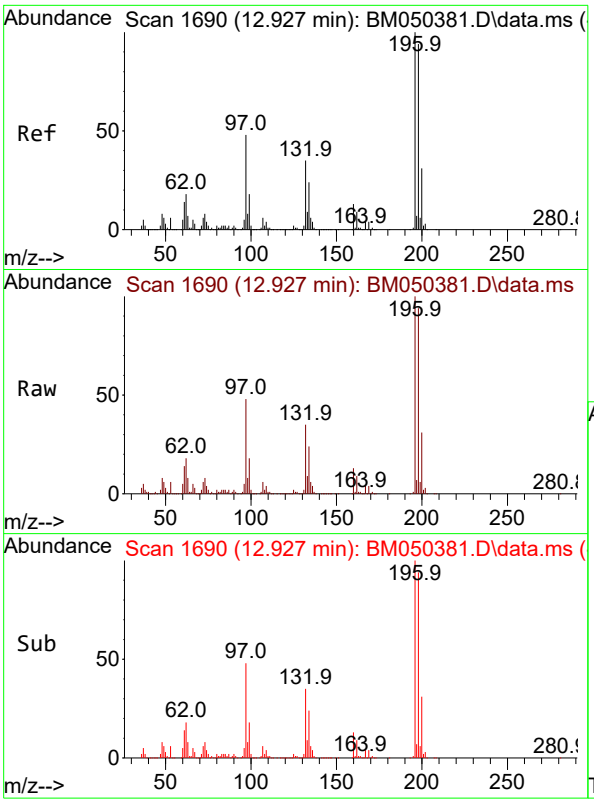


#42
2,4,6-Tribromophenol
Concen: 81.797 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:330 Resp: 961125

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	34.2	27.4	41.0



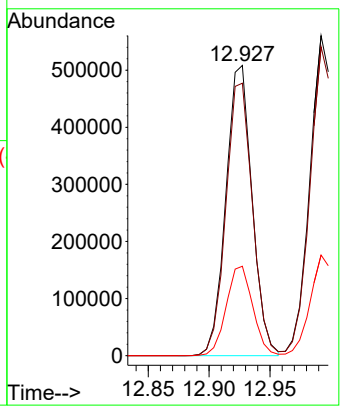


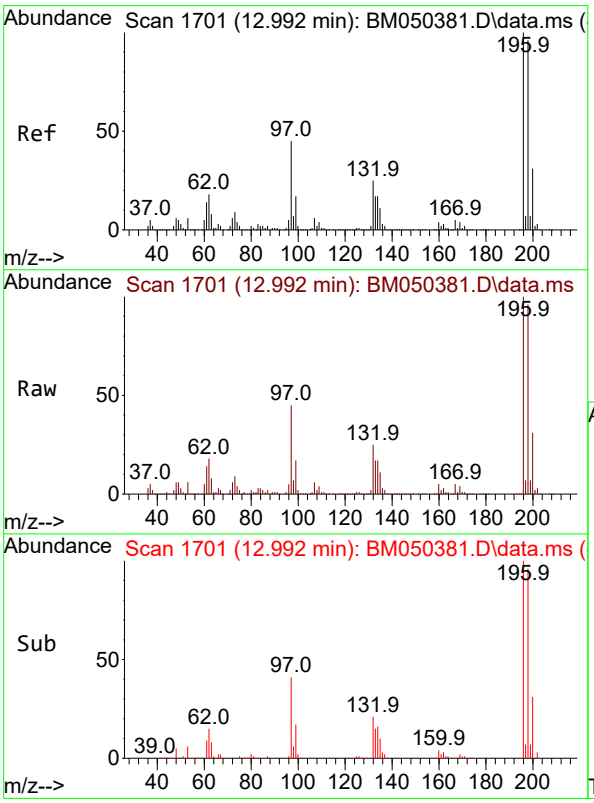
#43
2,4,6-Trichlorophenol
Concen: 40.252 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 761982

Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.1	112.7
200	30.8	24.6	37.0

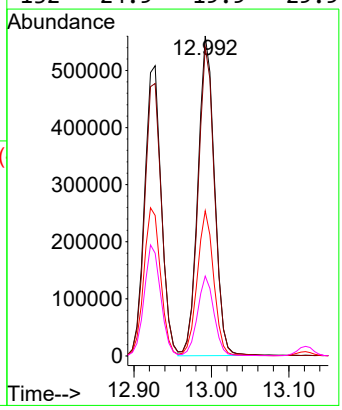


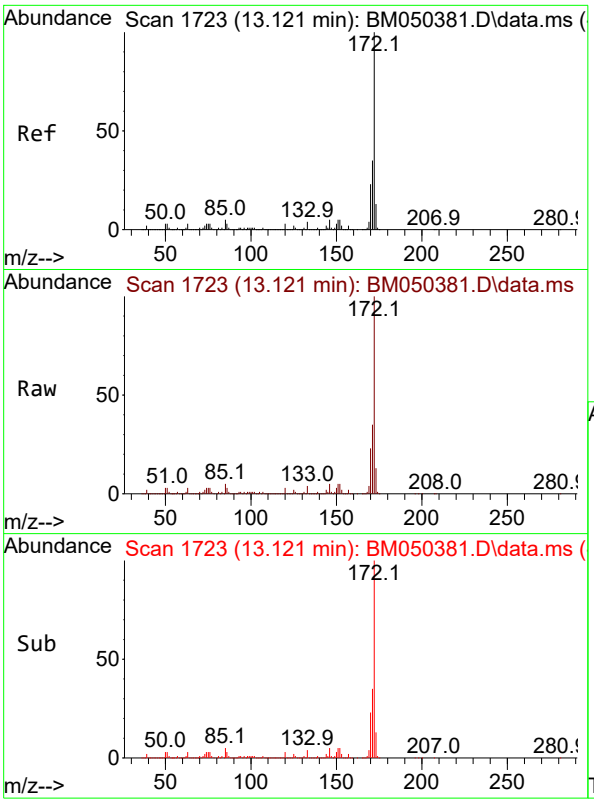


#44
2,4,5-Trichlorophenol
Concen: 40.202 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:196 Resp: 831142

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.2	115.8
97	45.3	36.2	54.4
132	24.9	19.9	29.9



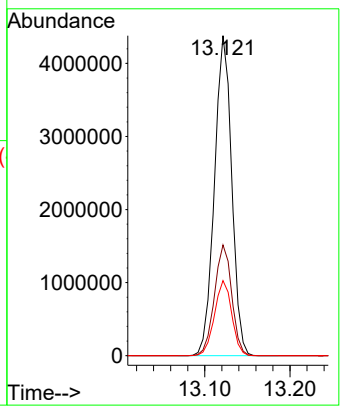


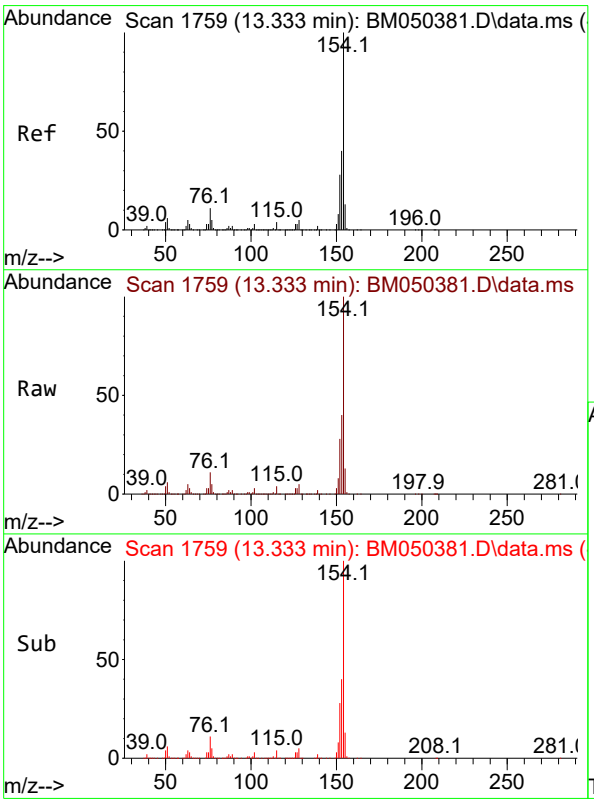
#45
2-Fluorobiphenyl
Concen: 78.635 ng
RT: 13.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 6157884

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.7	41.5
170	23.5	18.8	28.2

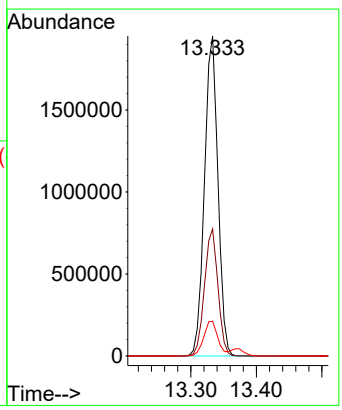


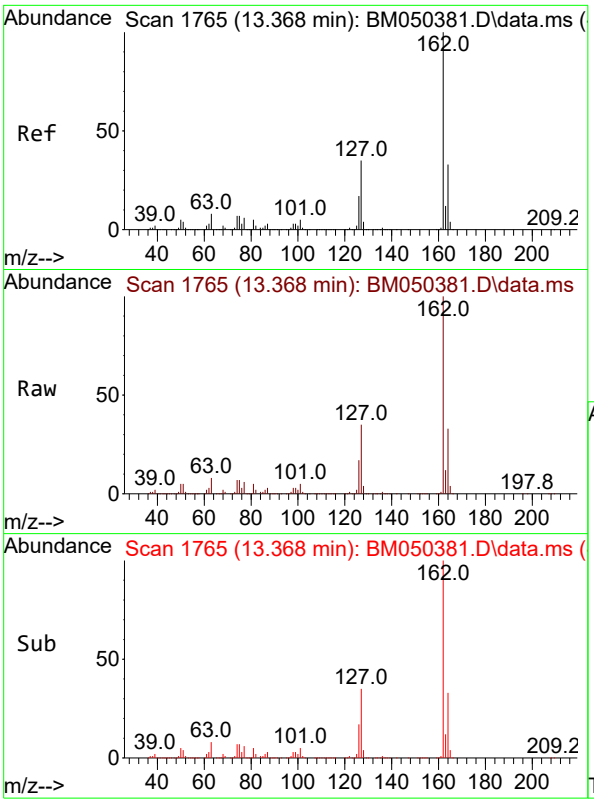


#46
1,1'-Biphenyl
Concen: 38.832 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:154 Resp: 2786215

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.7	59.7
76	10.9	0.0	30.9



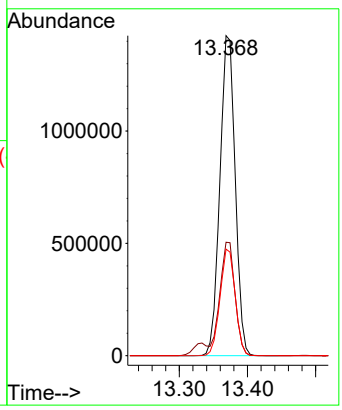


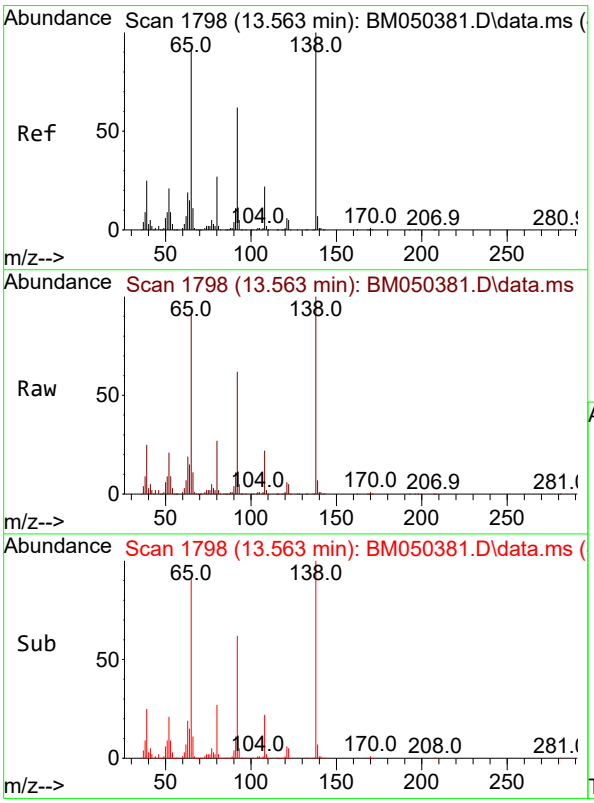
#47
2-Chloronaphthalene
Concen: 38.889 ng
RT: 13.368 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 2224727

Ion	Ratio	Lower	Upper
162	100		
127	35.4	28.3	42.5
164	33.3	26.6	40.0

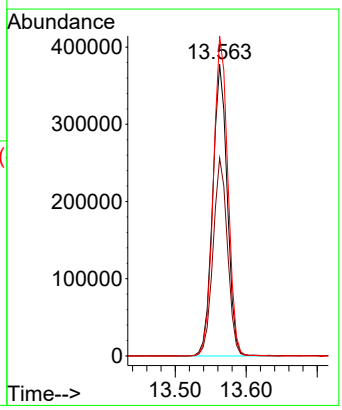


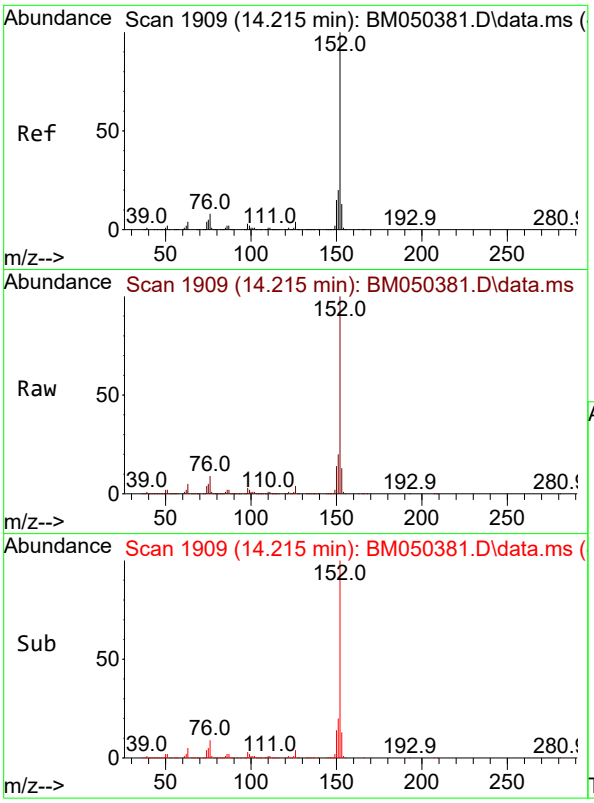


#48
2-Nitroaniline
Concen: 42.165 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 65 Resp: 538415

Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.3	81.5
138	109.7	87.8	131.6



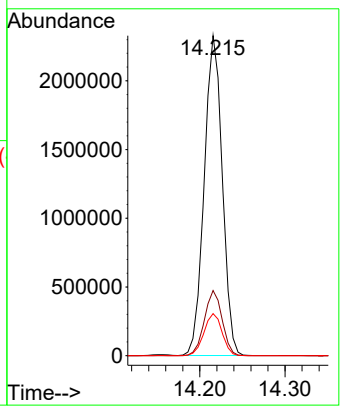


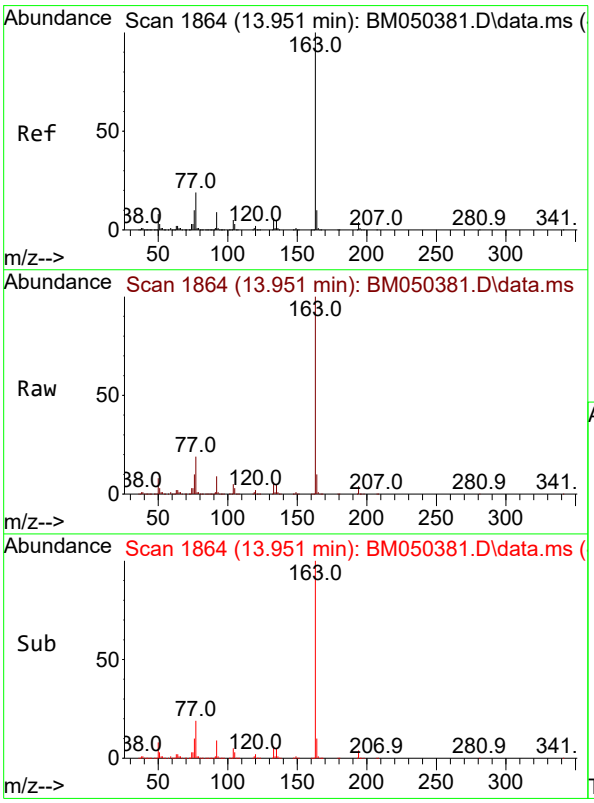
#49
Acenaphthylene
Concen: 39.714 ng
RT: 14.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 3433586

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.2	10.6	15.8

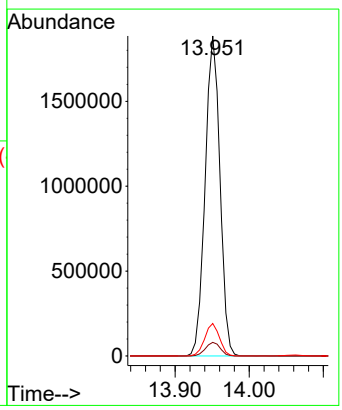


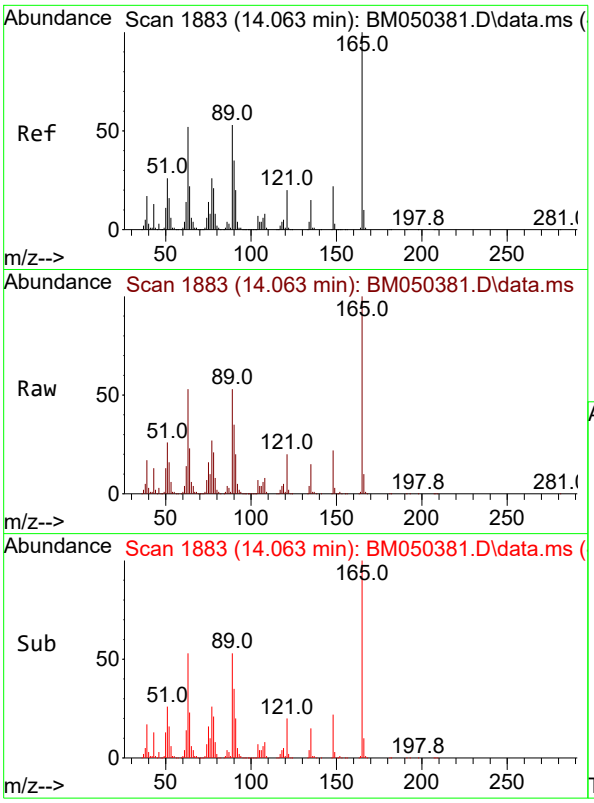


#50
Dimethylphthalate
Concen: 39.248 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:163 Resp: 2613190

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



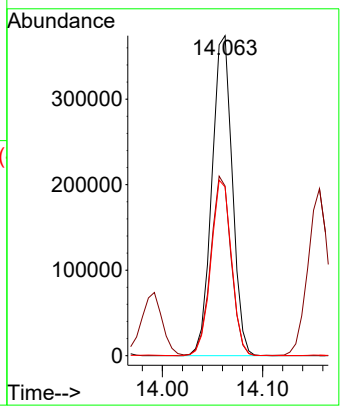


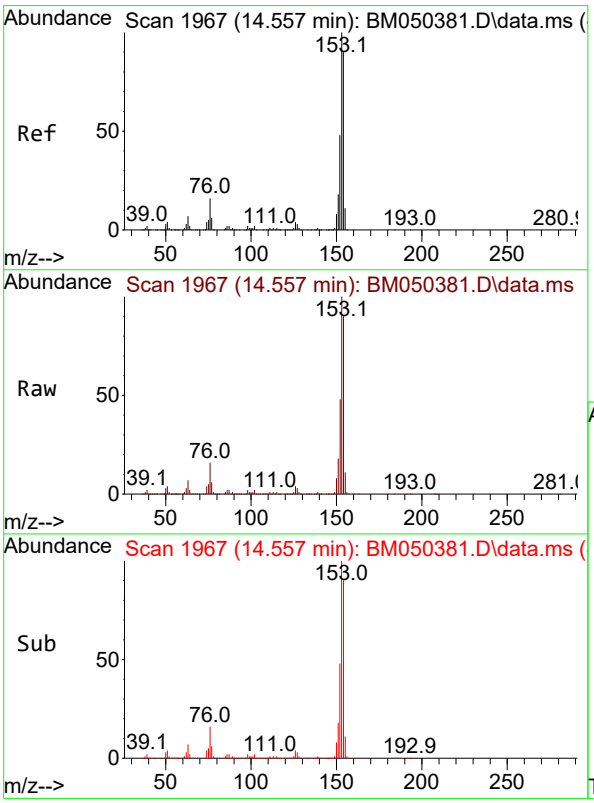
#51
2,6-Dinitrotoluene
Concen: 41.362 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 528767

Ion	Ratio	Lower	Upper
165	100		
63	53.0	42.4	63.6
89	52.7	42.2	63.2

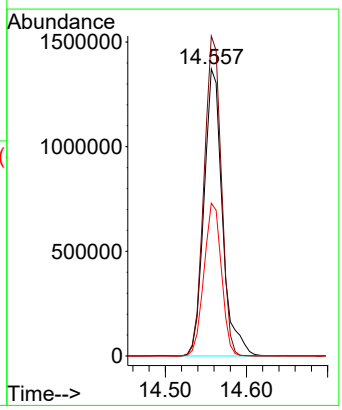


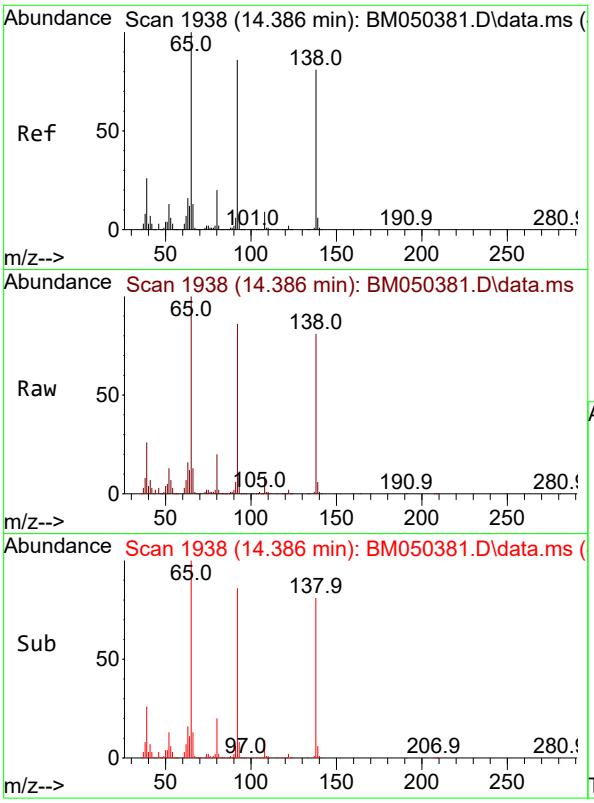


#52
Acenaphthene
Concen: 39.080 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:154 Resp: 2148079

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.2	133.8
152	53.3	42.6	64.0



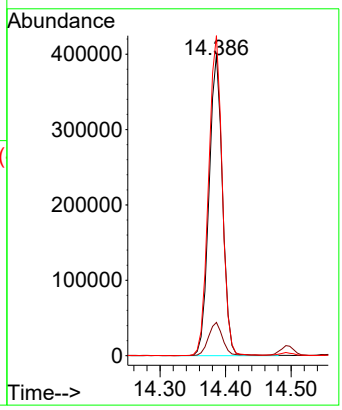


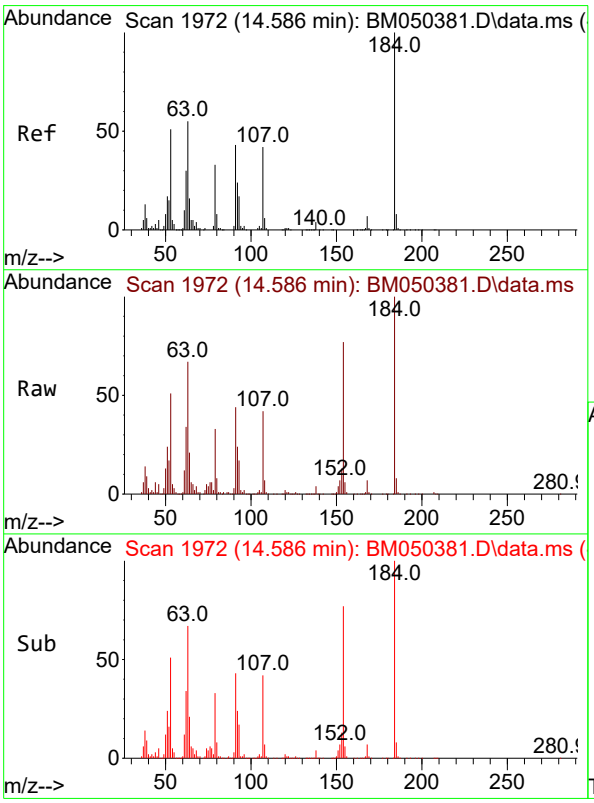
#53
3-Nitroaniline
Concen: 41.832 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 568716

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	106.3	85.0	127.6

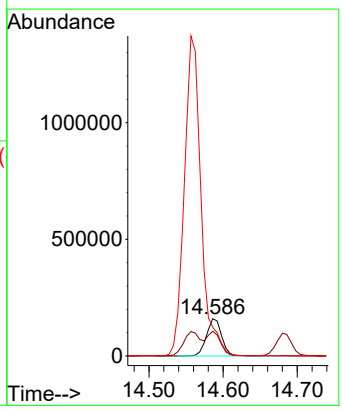


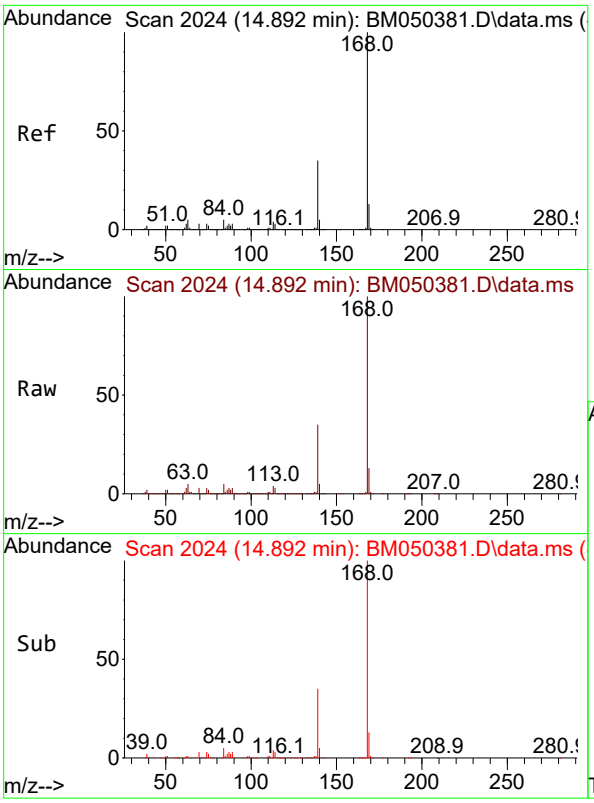


#54
2,4-Dinitrophenol
Concen: 35.873 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:184 Resp: 225952

Ion	Ratio	Lower	Upper
184	100		
63	66.7	53.4	80.0
154	77.0	61.6	92.4



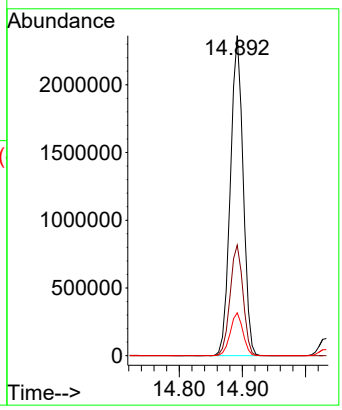


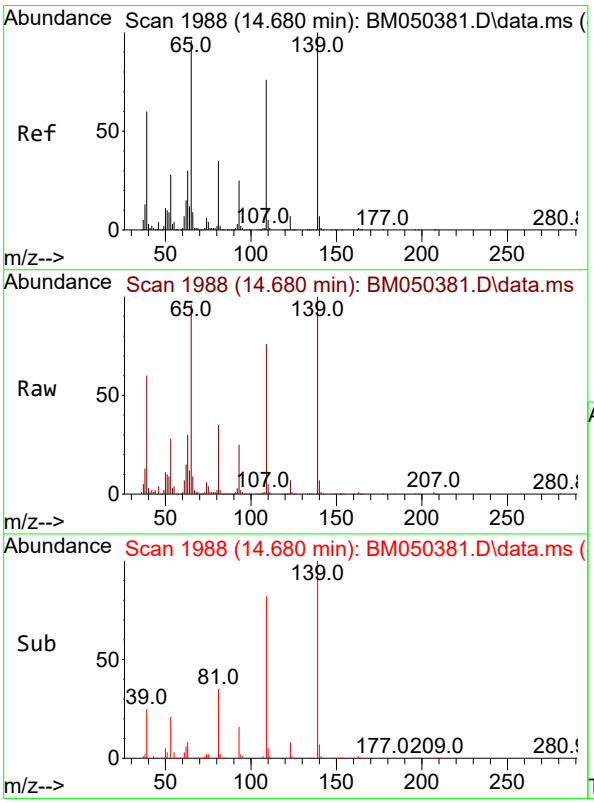
#55
Dibenzofuran
Concen: 39.024 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 3305040

Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.7	41.5
169	13.4	10.7	16.1

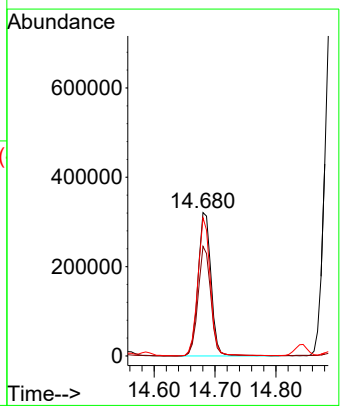


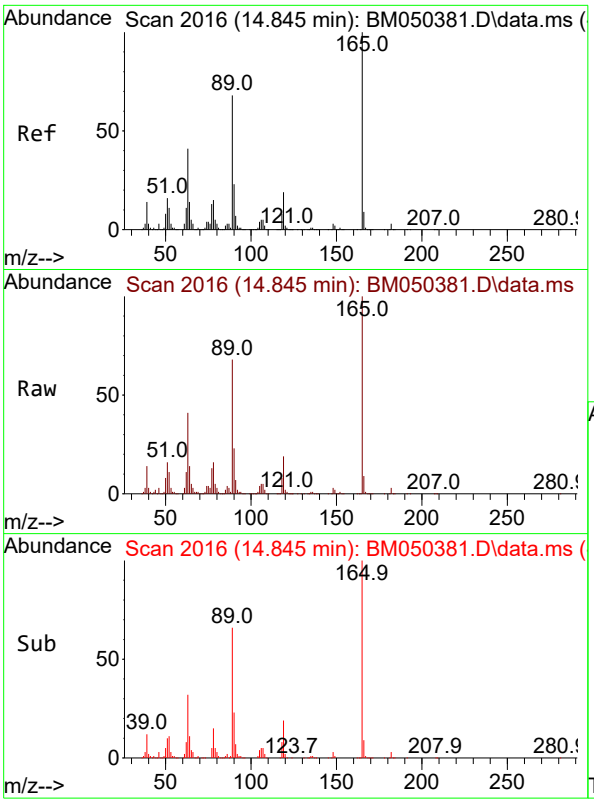


#56
4-Nitrophenol
Concen: 40.504 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:139 Resp: 473550

Ion	Ratio	Lower	Upper
139	100		
109	76.5	56.5	96.5
65	96.4	76.4	116.4



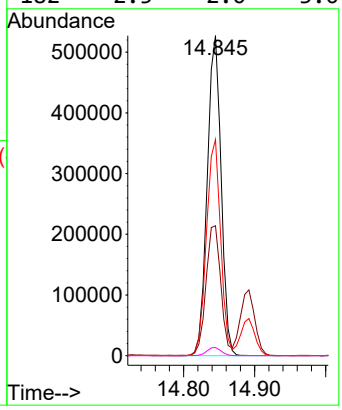


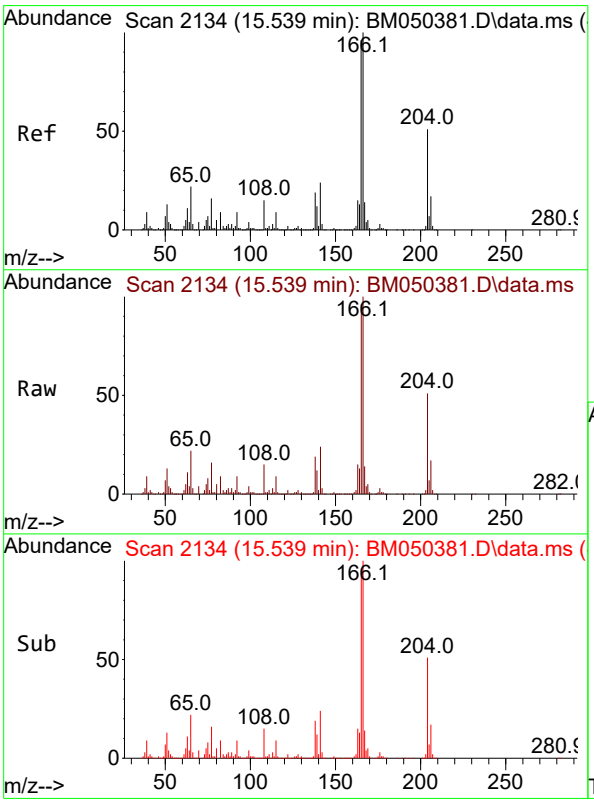
#57
2,4-Dinitrotoluene
Concen: 38.104 ng
RT: 14.845 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 717807

Ion	Ratio	Lower	Upper
165	100		
63	40.6	32.5	48.7
89	67.5	54.0	81.0
182	2.5	2.0	3.0

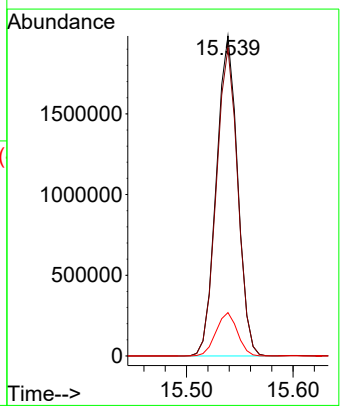


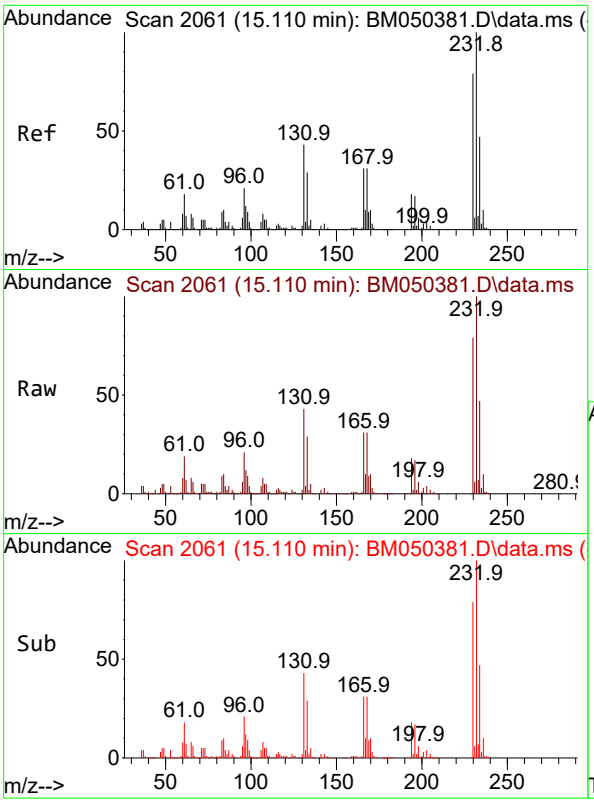


#58
Fluorene
Concen: 39.349 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:166 Resp: 2744882

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.0	115.6
167	13.6	10.9	16.3



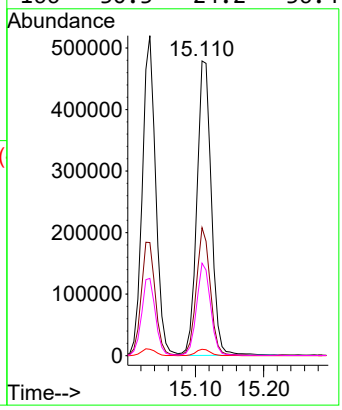


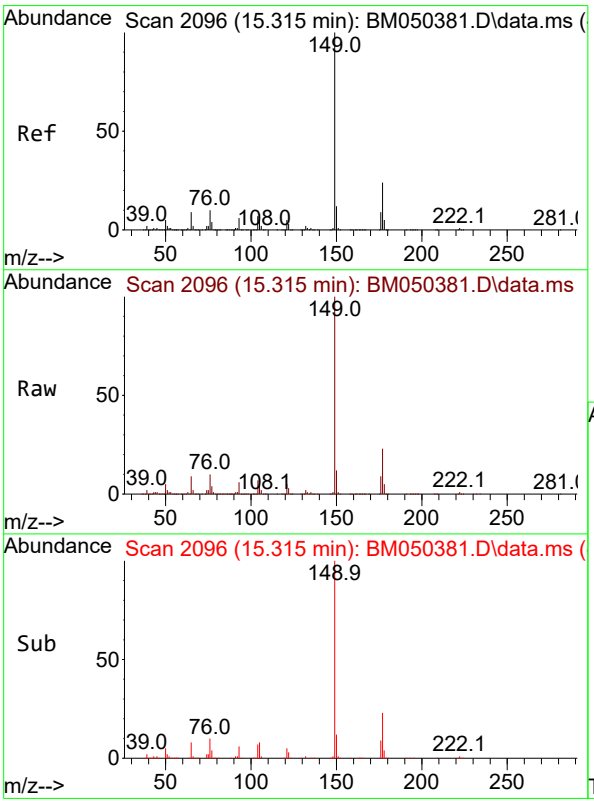
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.512 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 705044

Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.4	50.0
130	2.2	1.8	2.6
166	30.3	24.2	36.4

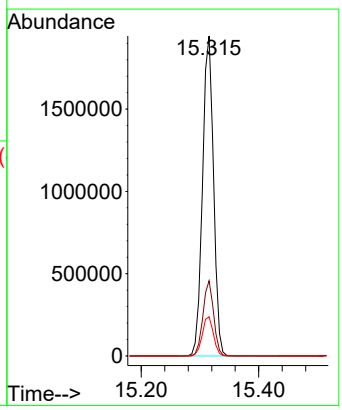


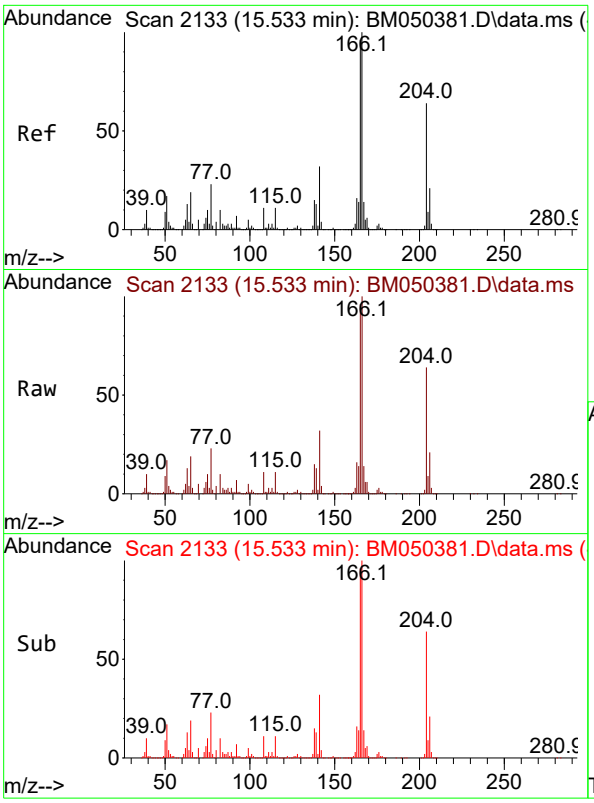


#60
Diethylphthalate
Concen: 39.811 ng
RT: 15.315 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 2532007

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.8	28.2
150	12.3	9.8	14.8



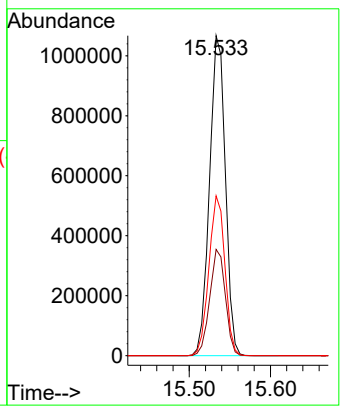


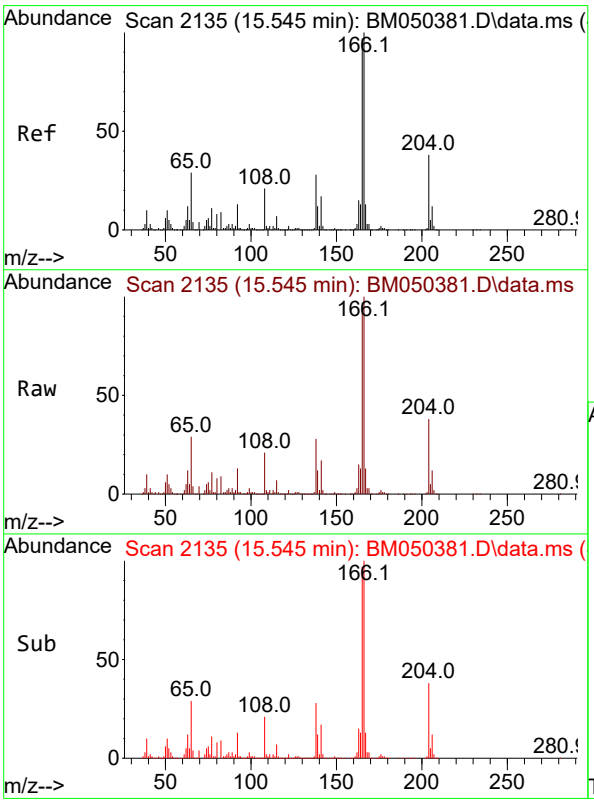
#61
4-Chlorophenyl-phenylether
Concen: 39.586 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 1443937

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	49.9	39.9	59.9

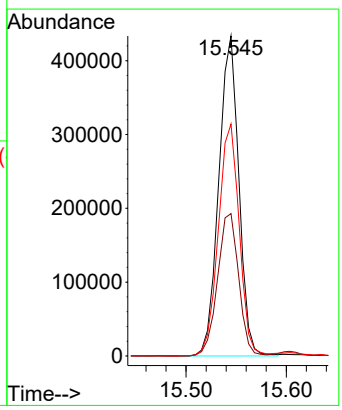


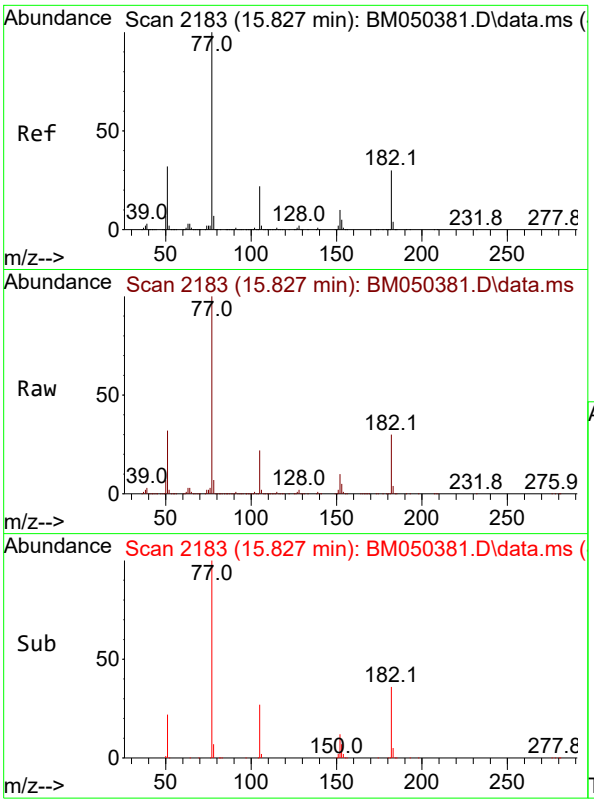


#62
4-Nitroaniline
Concen: 39.043 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:138 Resp: 602257

Ion	Ratio	Lower	Upper
138	100		
92	44.5	24.5	64.5
108	72.5	52.5	92.5



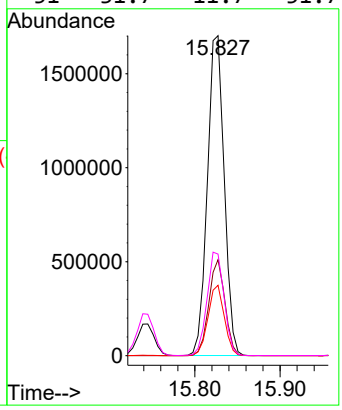


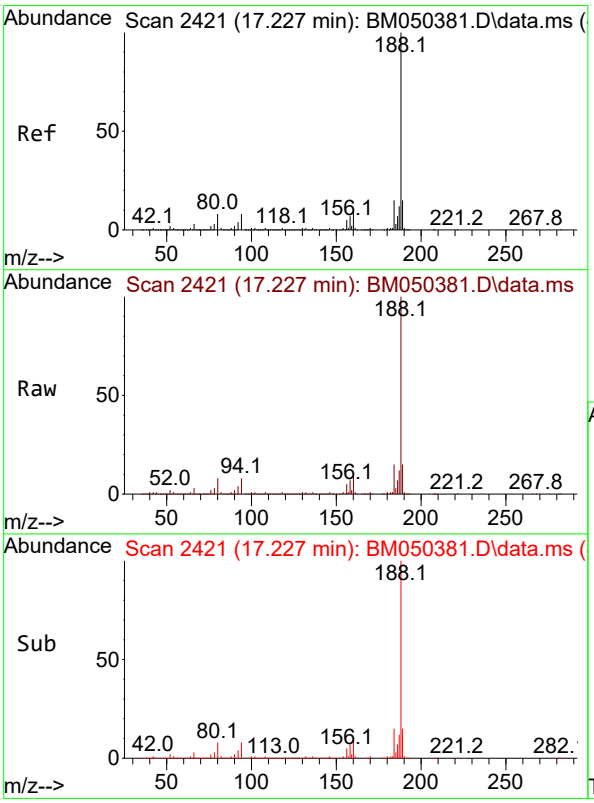
#63
Azobenzene
Concen: 40.021 ng
RT: 15.827 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 2337291

Ion	Ratio	Lower	Upper
77	100		
182	30.0	10.0	50.0
105	22.0	2.0	42.0
51	31.7	11.7	51.7

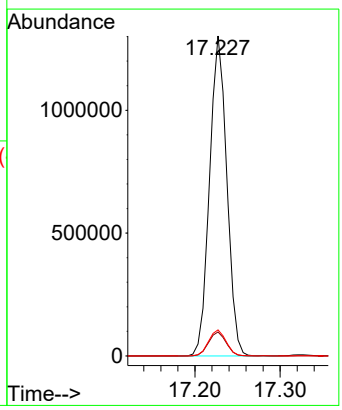


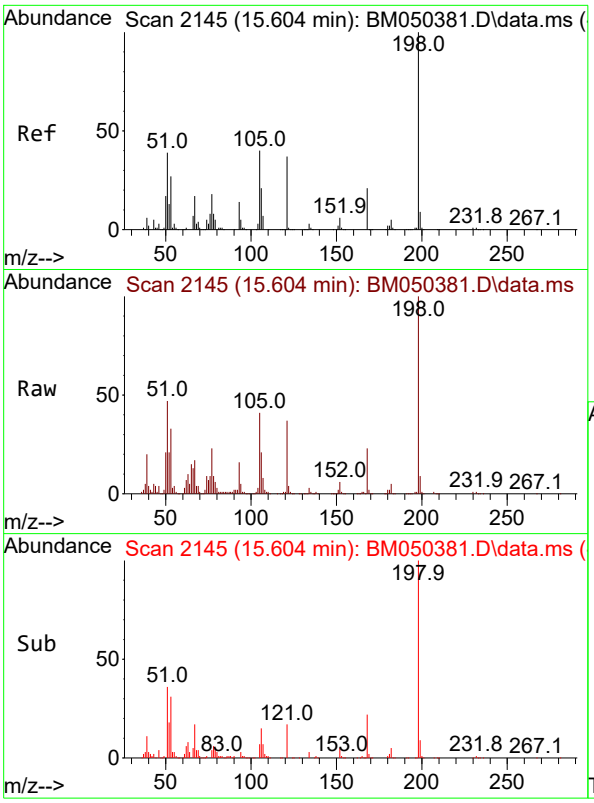


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:188 Resp: 1834050

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.1	6.5	9.7



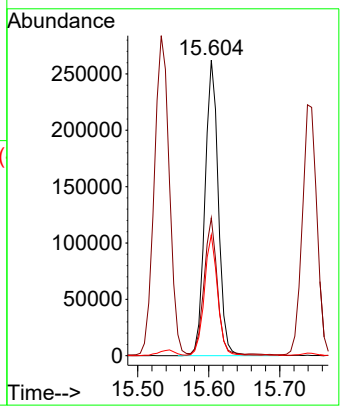


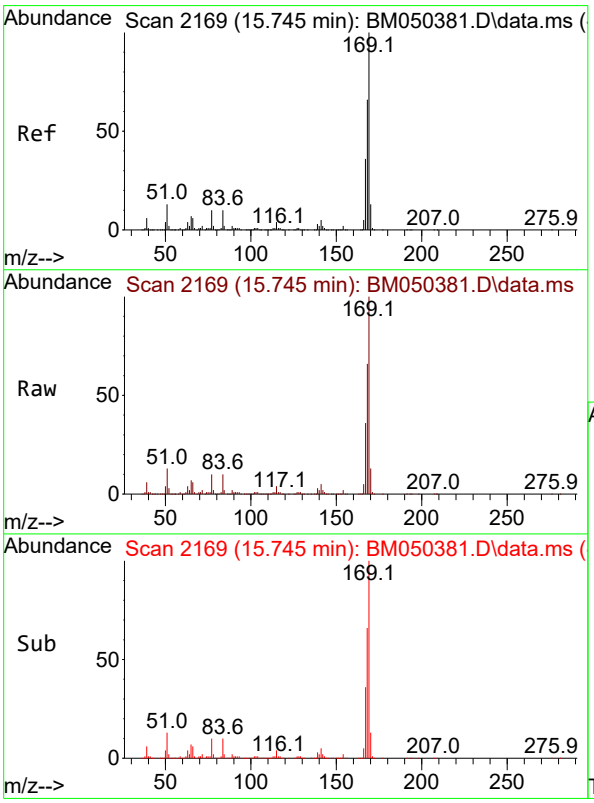
#65
4,6-Dinitro-2-methylphenol
Concen: 36.538 ng
RT: 15.604 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 343246

Ion	Ratio	Lower	Upper
198	100		
51	46.6	26.6	66.6
105	40.9	20.9	60.9

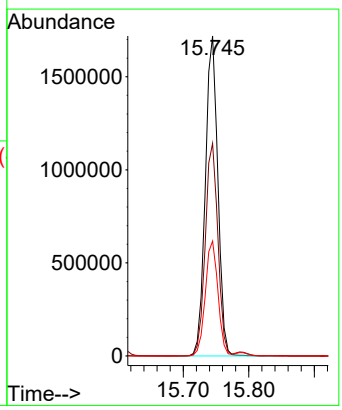


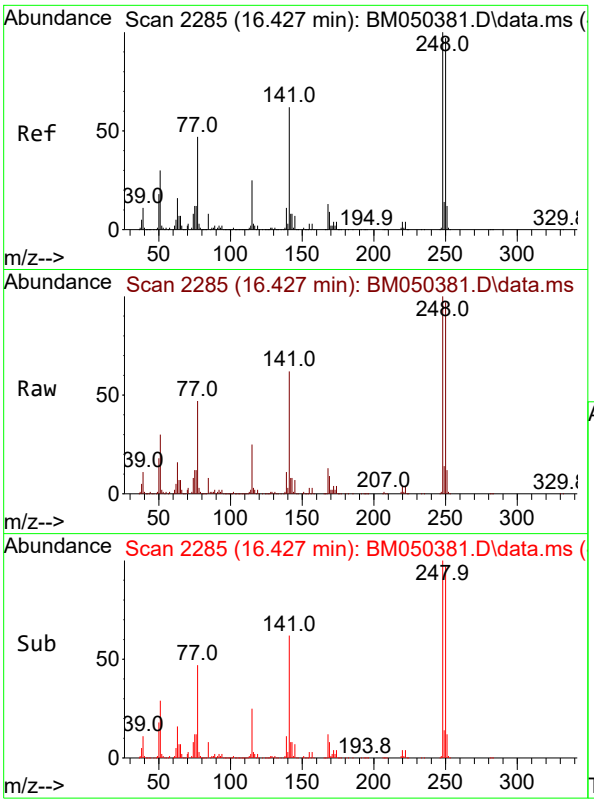


#66
n-Nitrosodiphenylamine
Concen: 39.809 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:169 Resp: 2284645

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	35.9	28.7	43.1



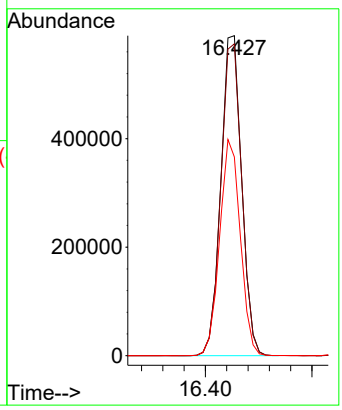


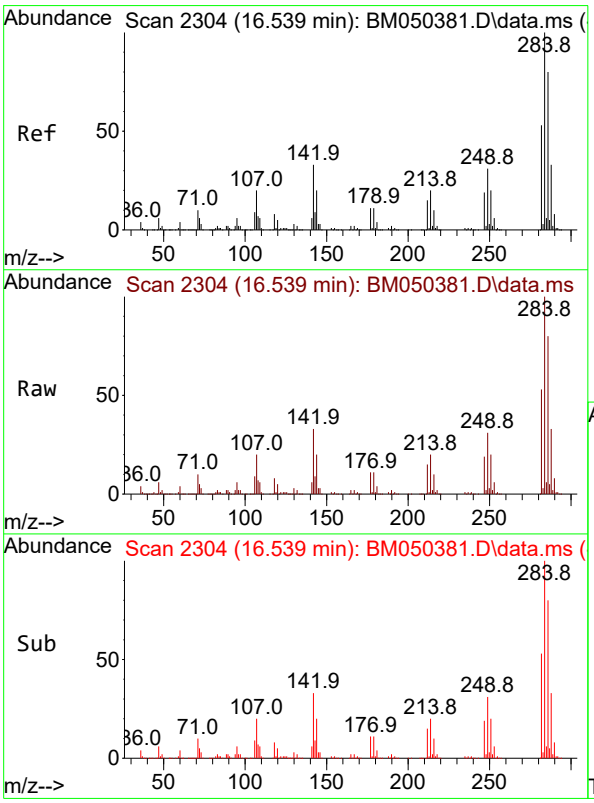
#67
4-Bromophenyl-phenylether
Concen: 39.504 ng
RT: 16.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 798257

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	62.1	49.7	74.5

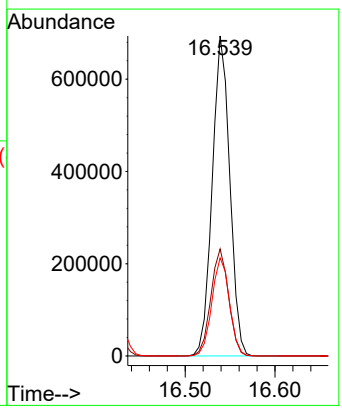


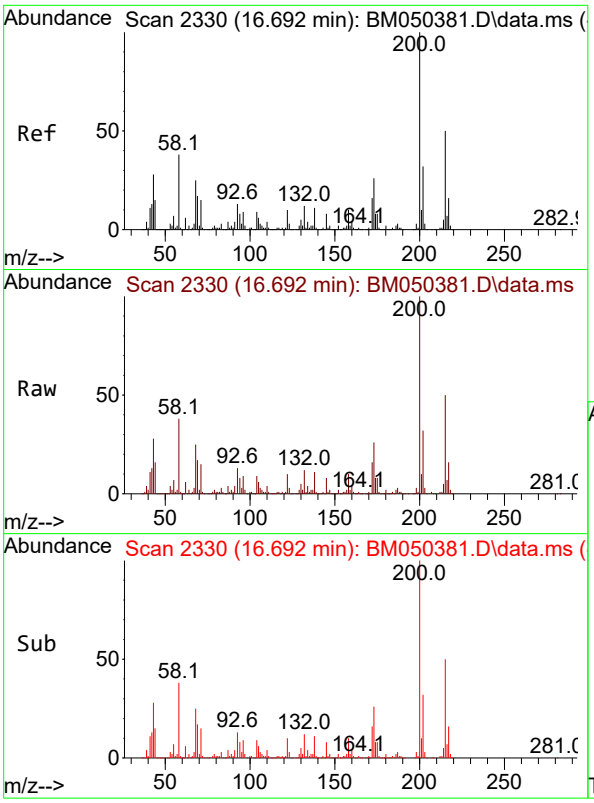


#68
Hexachlorobenzene
Concen: 39.414 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:284 Resp: 940659

Ion	Ratio	Lower	Upper
284	100		
142	33.5	26.8	40.2
249	30.6	24.5	36.7



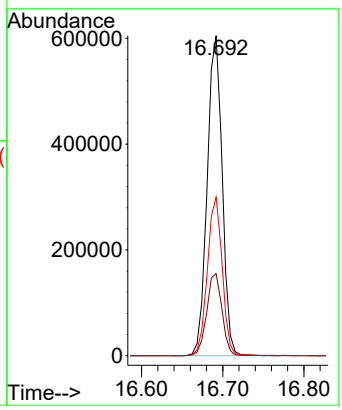


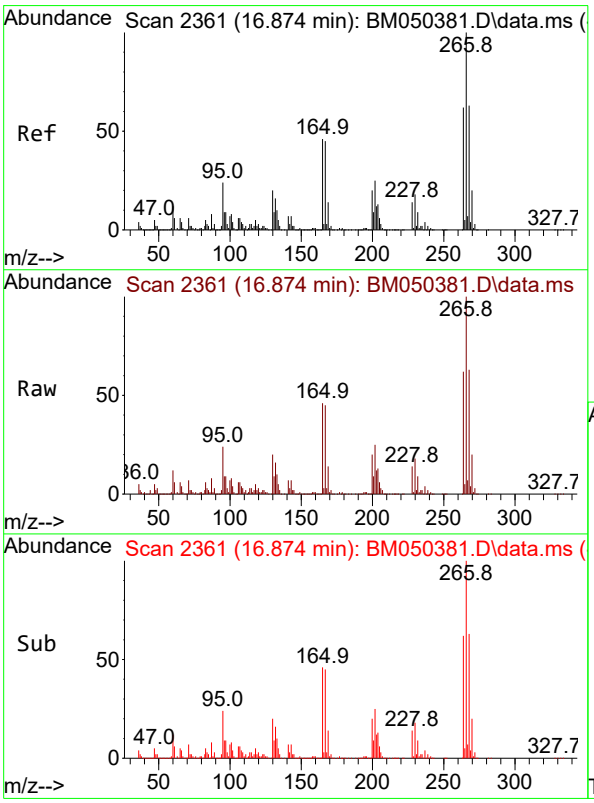
#69
Atrazine
Concen: 41.139 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 775270

Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.6	45.6
215	49.6	29.6	69.6

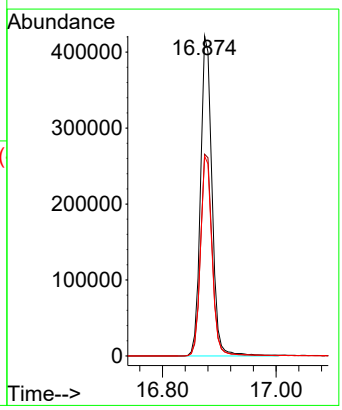


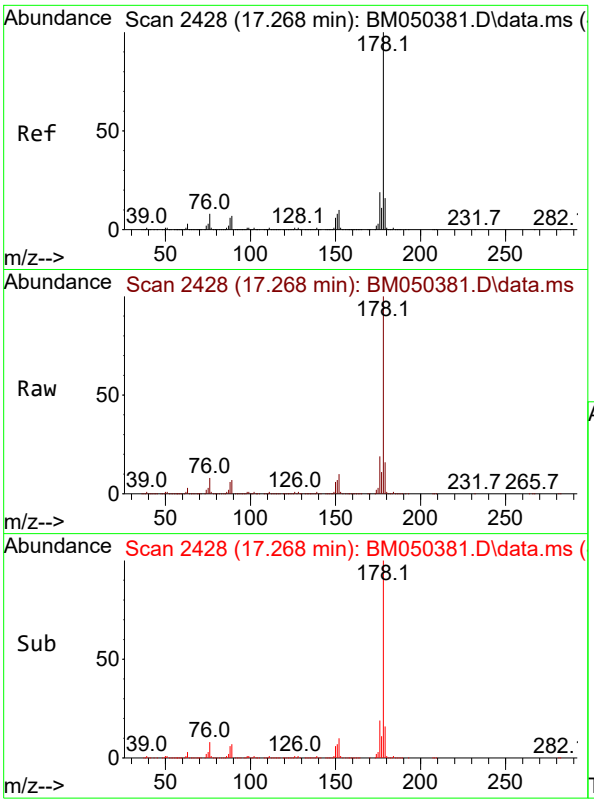


#70
Pentachlorophenol
Concen: 39.717 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:266 Resp: 590077

Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.5	75.7
264	62.4	49.9	74.9



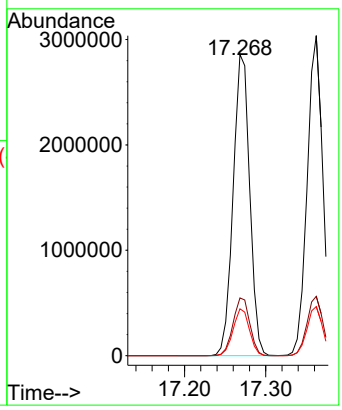


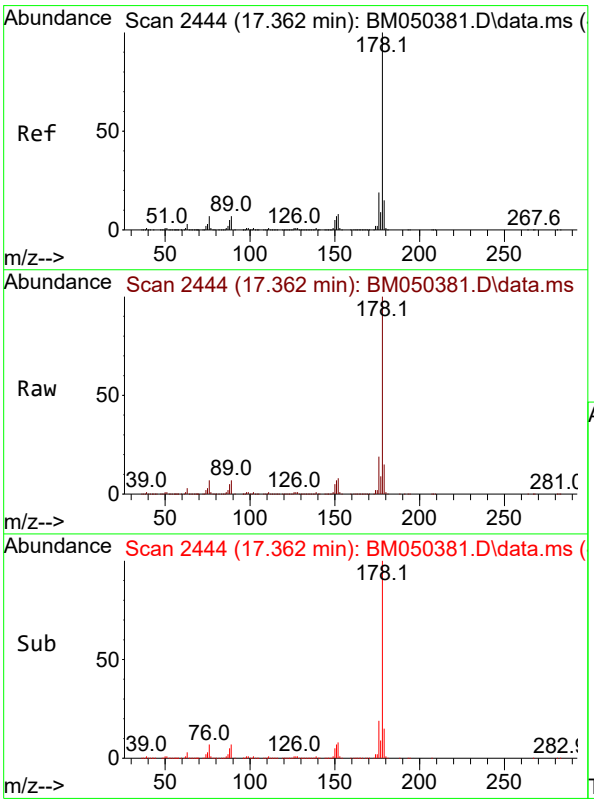
#71
Phenanthrene
Concen: 38.923 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 4039451

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.5	18.7

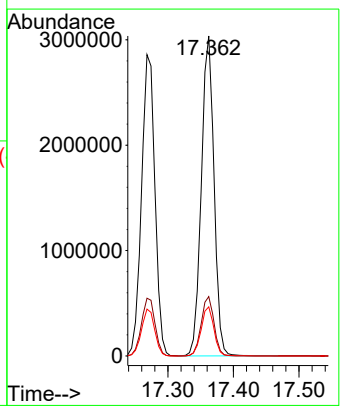


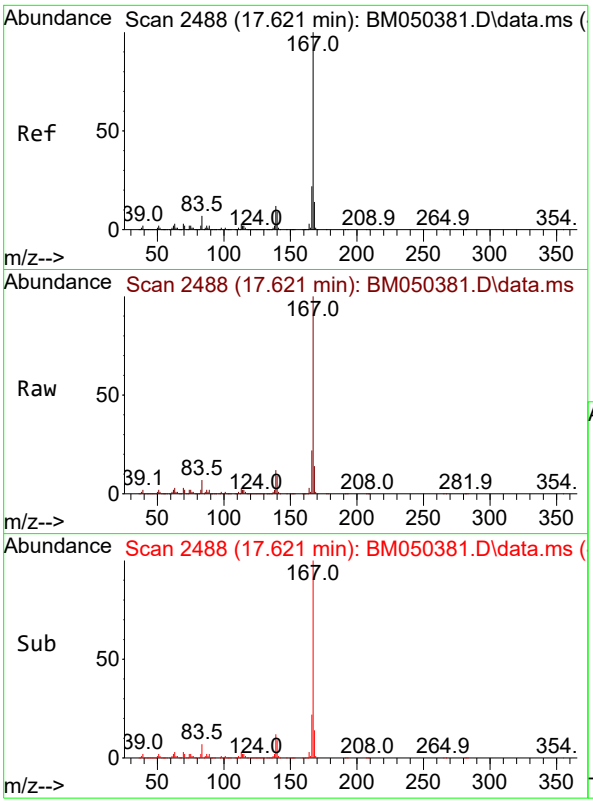


#72
Anthracene
Concen: 39.646 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:178 Resp: 4095570

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.2	18.4



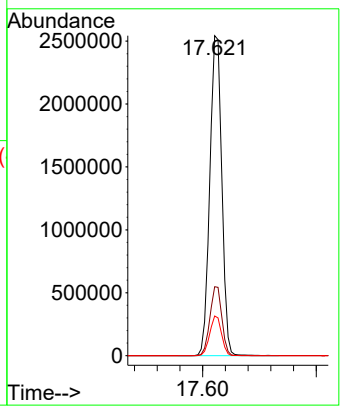


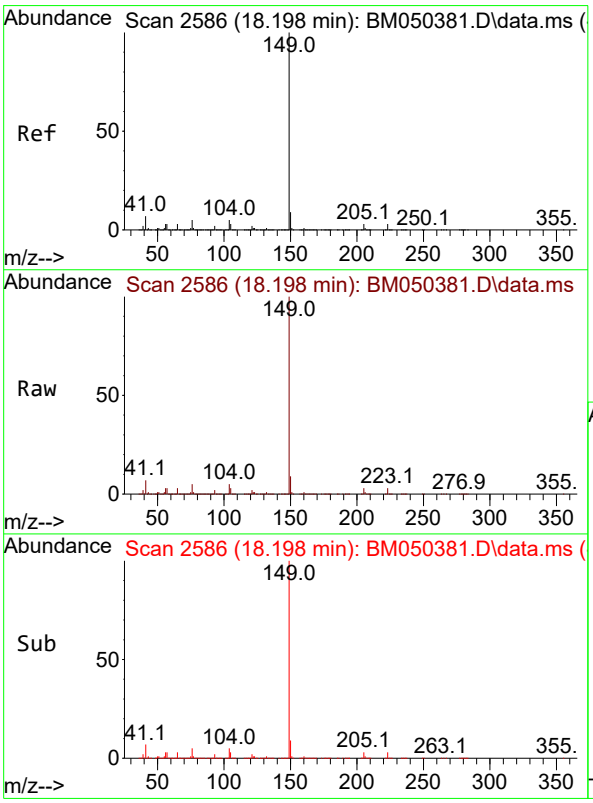
#73
Carbazole
Concen: 39.632 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 3704436

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.4	9.9	14.9

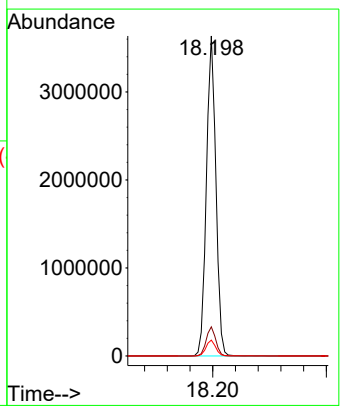


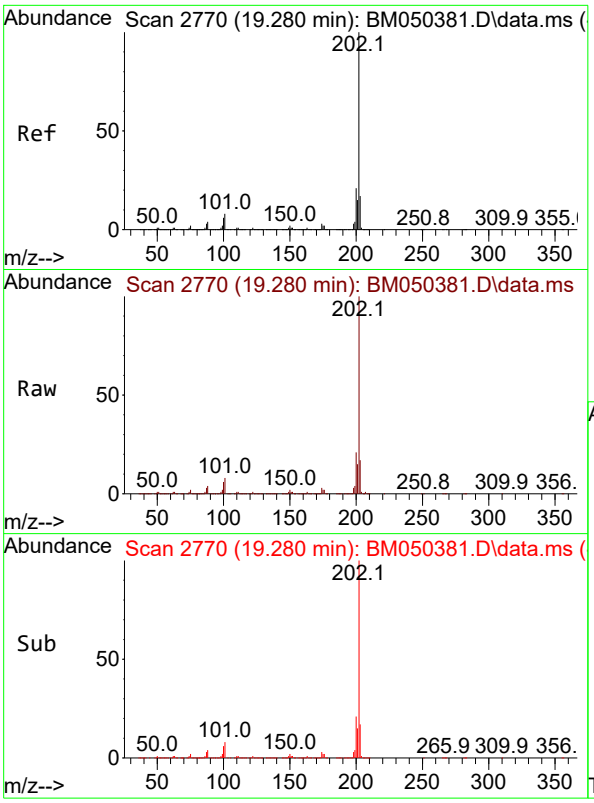


#74
Di-n-butylphthalate
Concen: 40.890 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 4183360

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.9	3.9	5.9



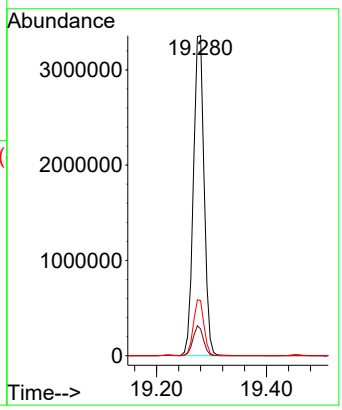


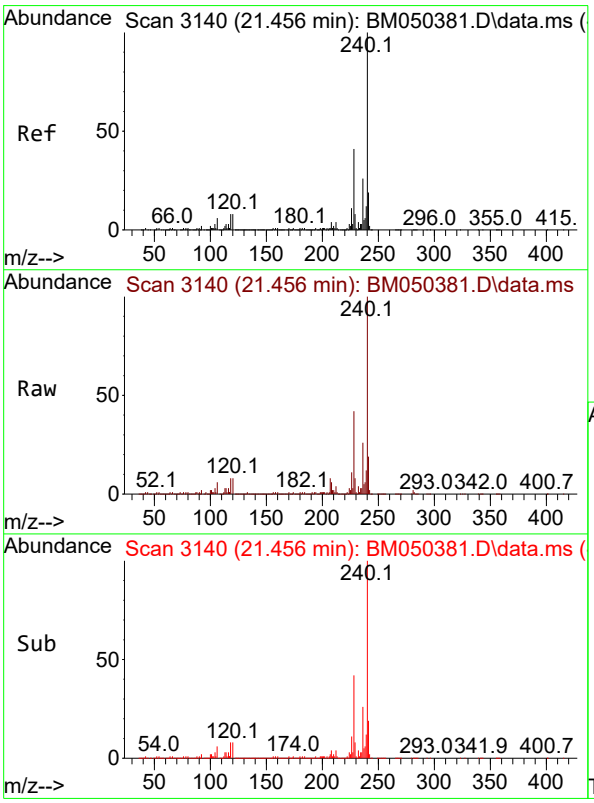
#75
Fluoranthene
Concen: 40.085 ng
RT: 19.280 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 4522403

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	17.2	0.0	37.2

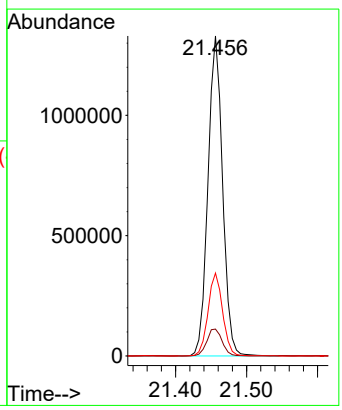


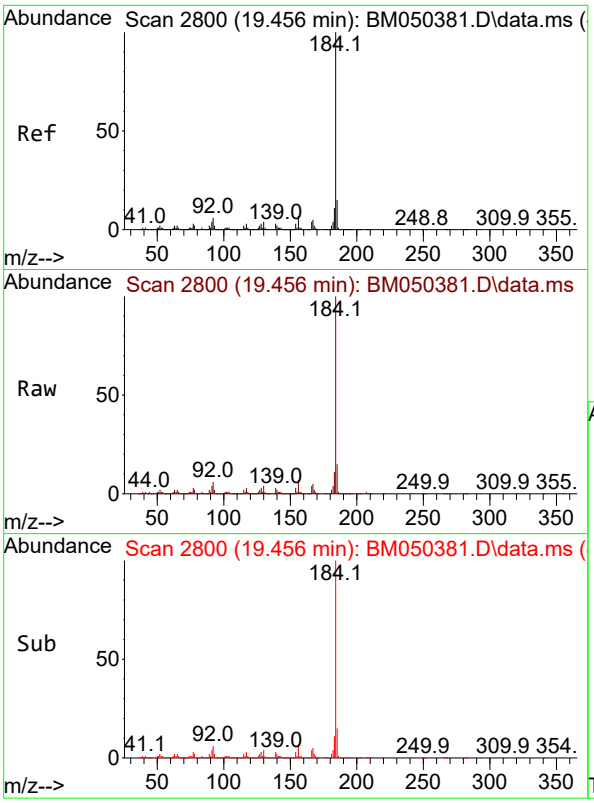


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:240 Resp: 1904004

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.7	10.1
236	25.9	20.7	31.1



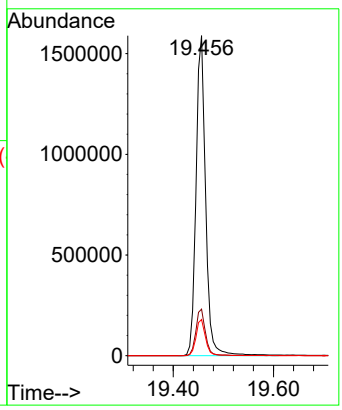


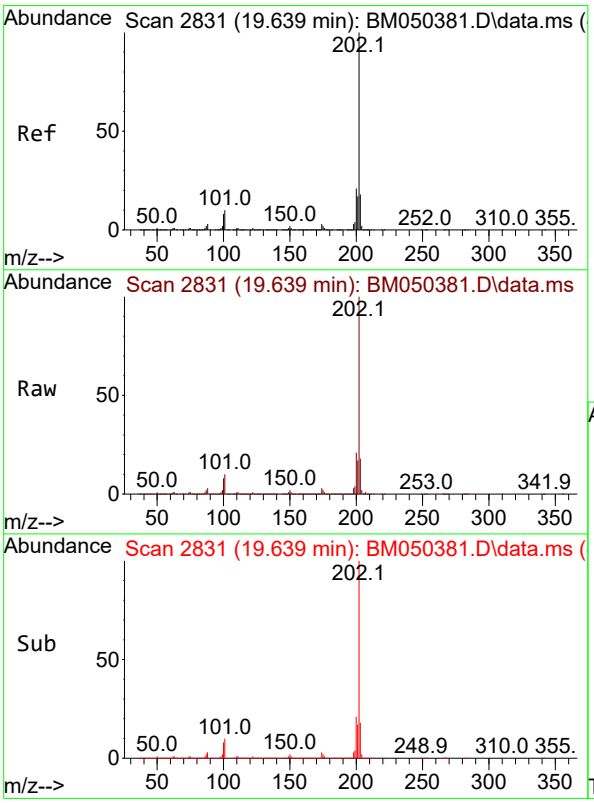
#77
Benzidine
Concen: 43.341 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 2104809

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	11.3	9.0	13.6

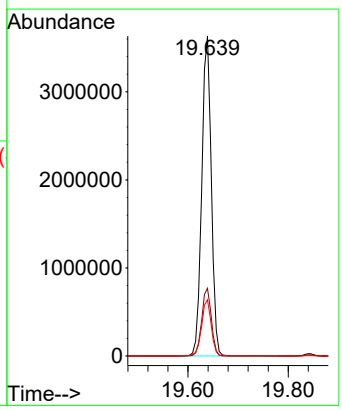


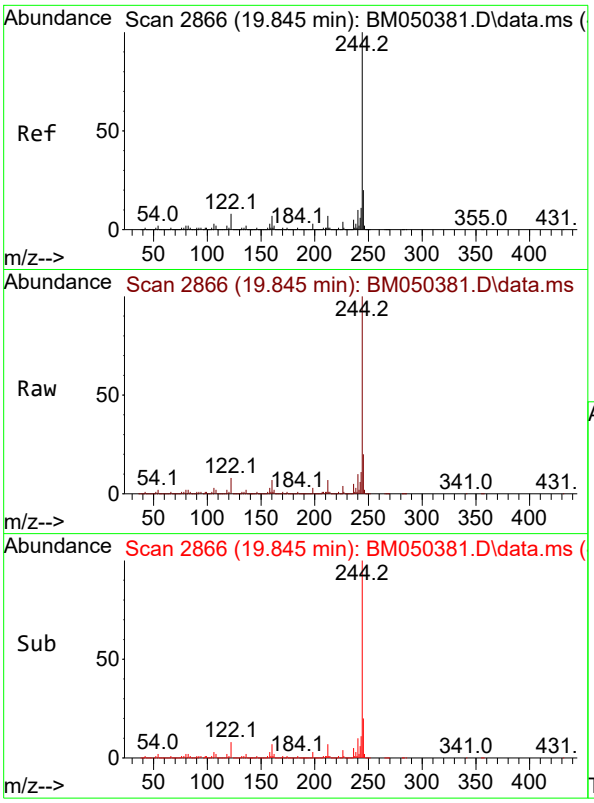


#78
Pyrene
Concen: 39.352 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:202 Resp: 4798678

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.6	14.1	21.1



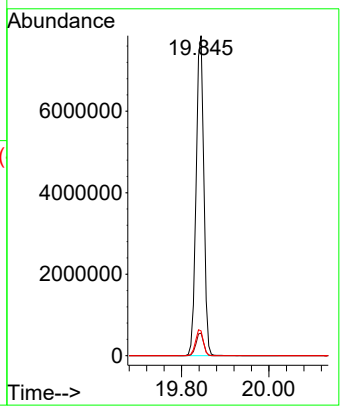


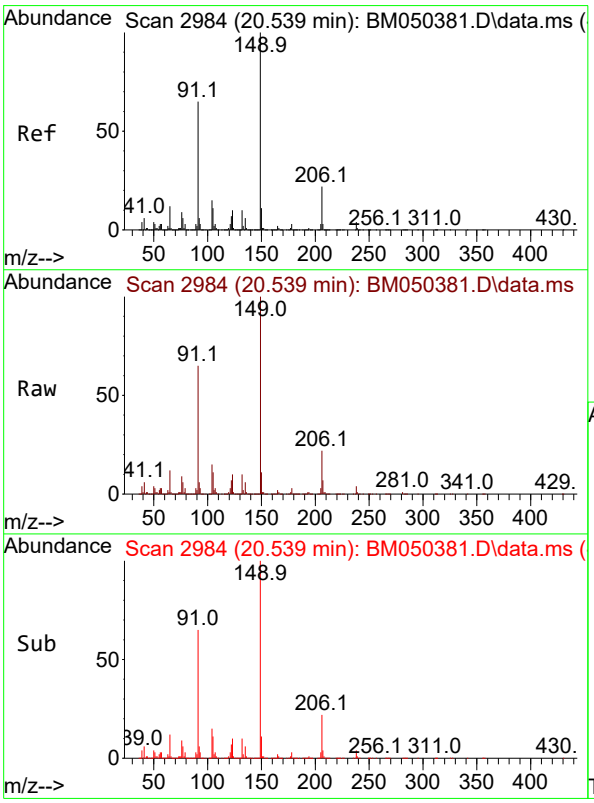
#79
Terphenyl-d14
Concen: 88.568 ng
RT: 19.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 9584372

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	7.7	6.2	9.2

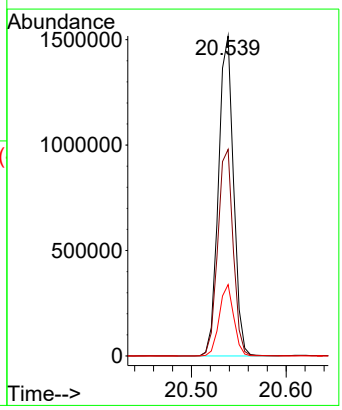


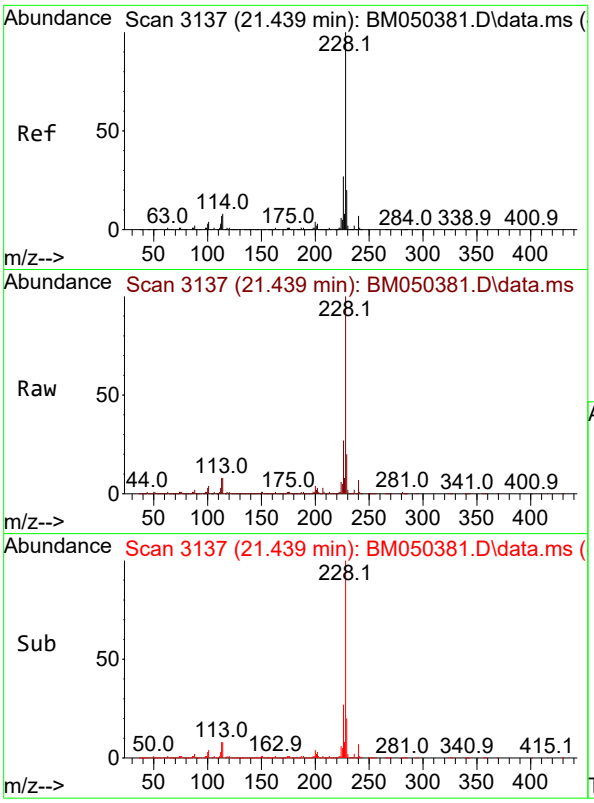


#80
Butylbenzylphthalate
Concen: 41.731 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 1677924

Ion	Ratio	Lower	Upper
149	100		
91	64.5	51.6	77.4
206	22.3	17.8	26.8



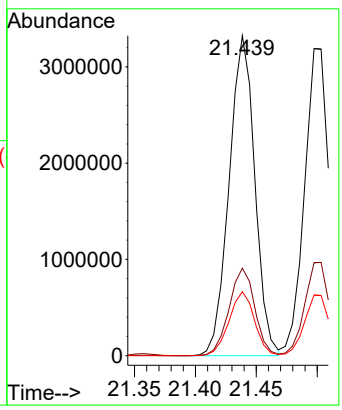


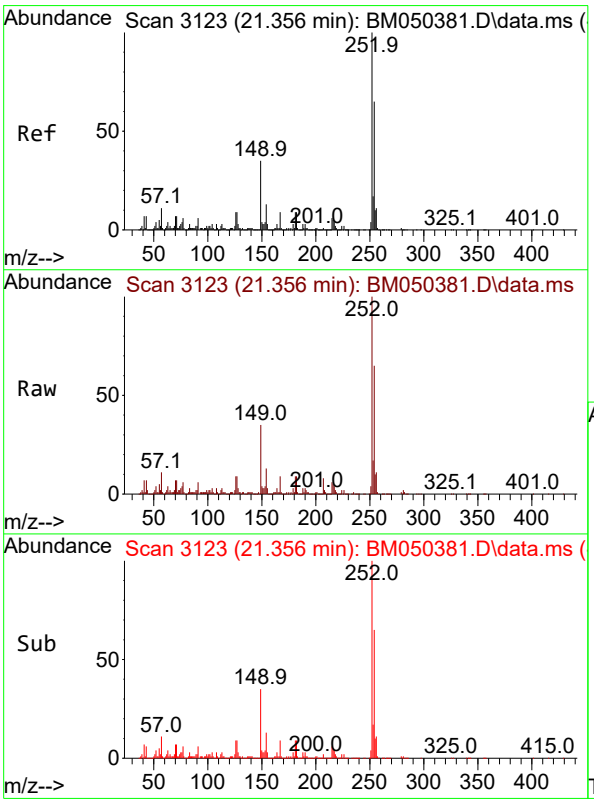
#81
Benzo(a)anthracene
Concen: 39.344 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 4880944

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	16.0	24.0

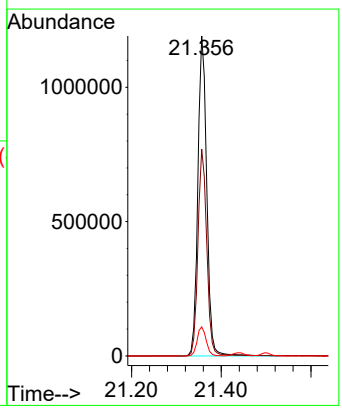


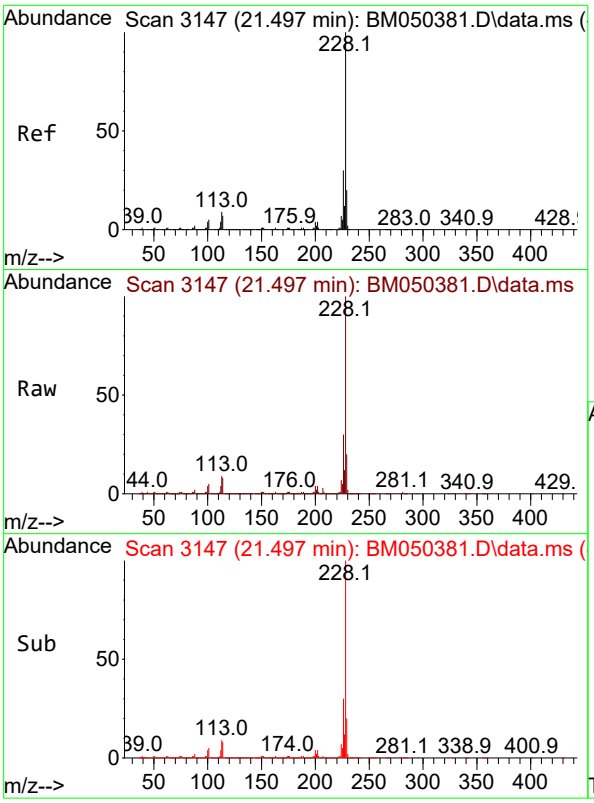


#82
3,3'-Dichlorobenzidine
Concen: 39.036 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:252 Resp: 1633134

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	9.1	7.3	10.9



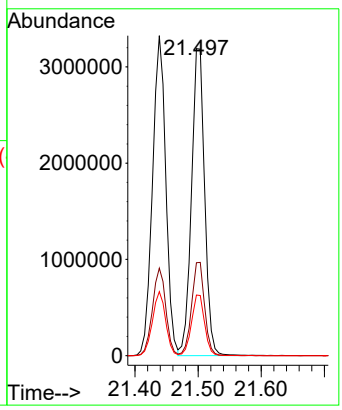


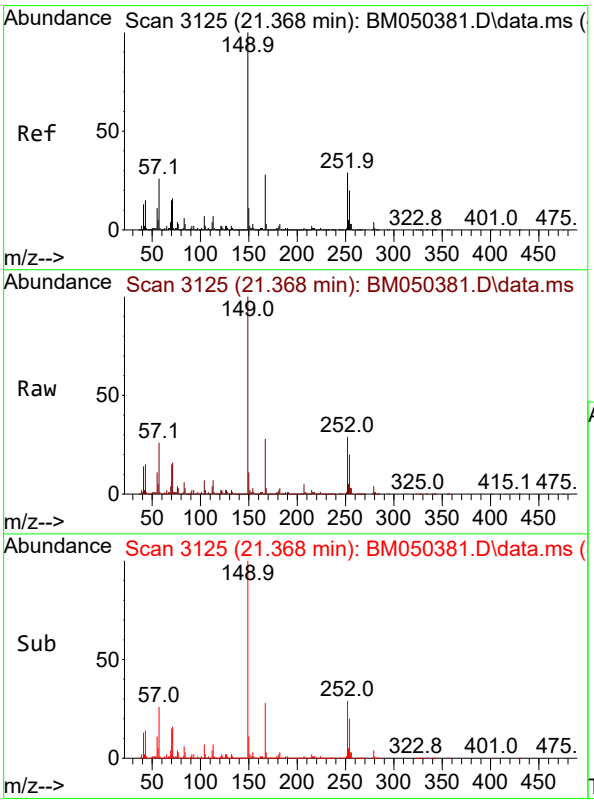
#83
Chrysene
Concen: 39.351 ng
RT: 21.497 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 4604684

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.7	15.8	23.6

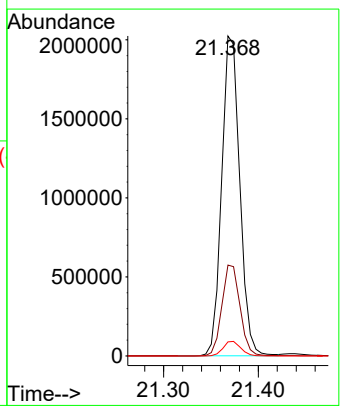


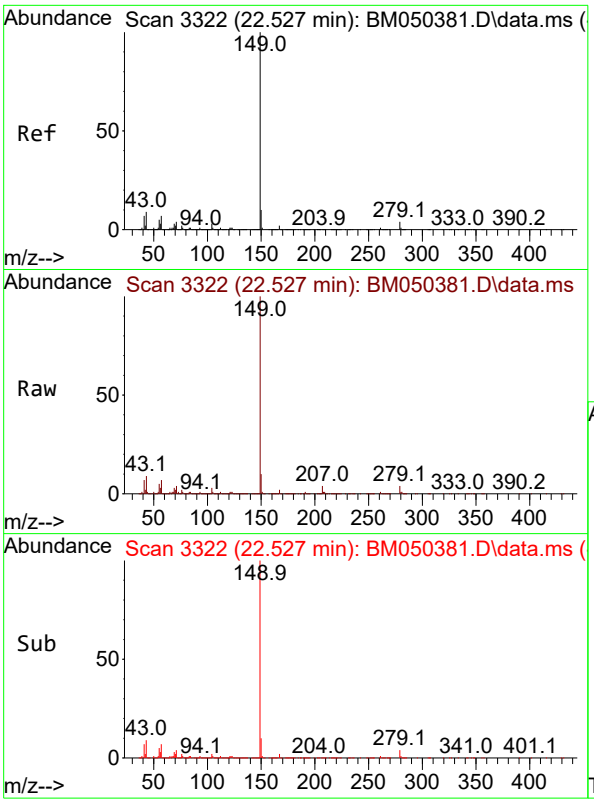


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.076 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 2685699

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.7	34.1
279	4.4	3.5	5.3



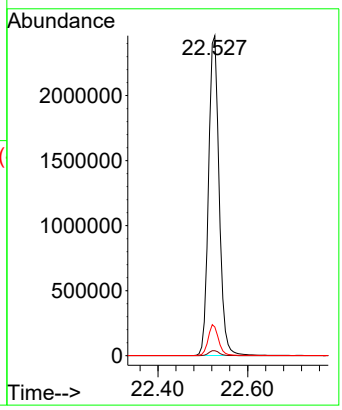


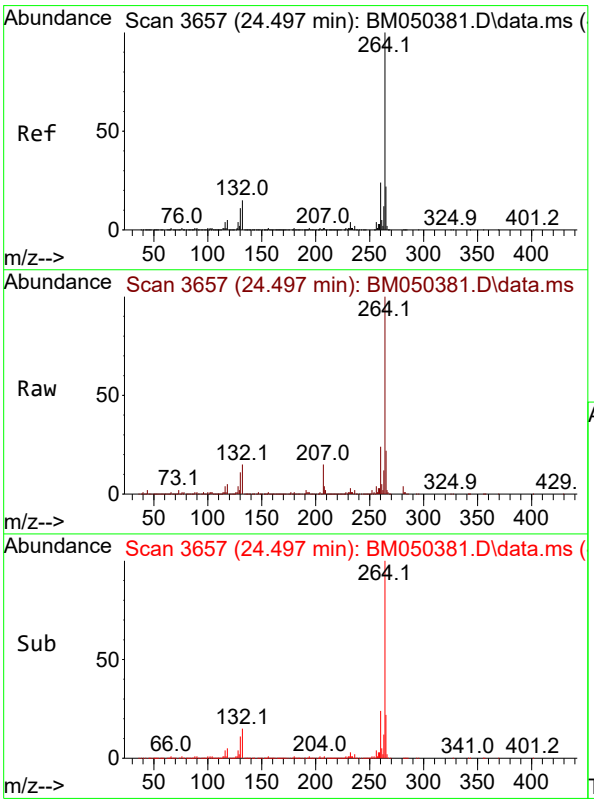
#85
Di-n-octyl phthalate
Concen: 40.294 ng
RT: 22.527 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 4028194

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.7	11.5

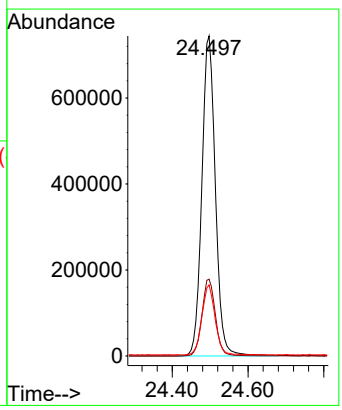


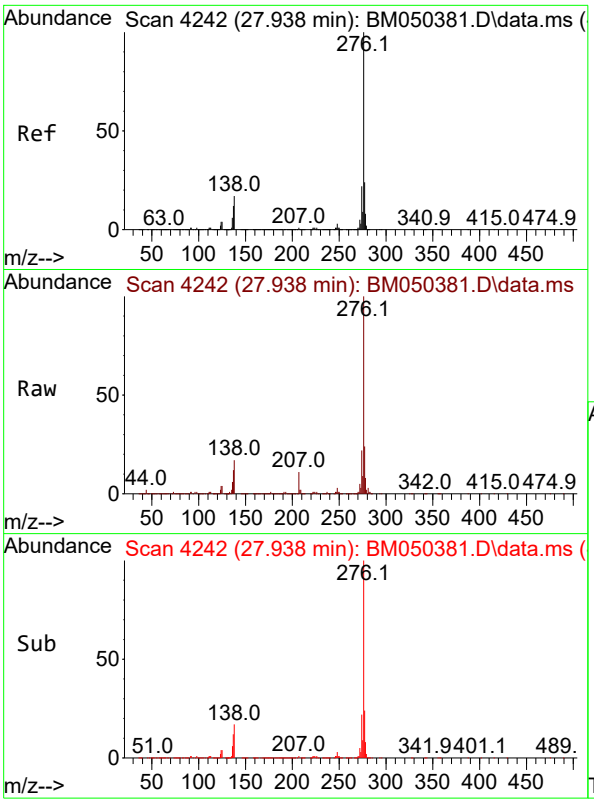


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:264 Resp: 1842285

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.8	26.6



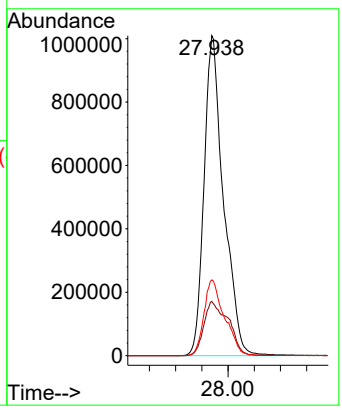


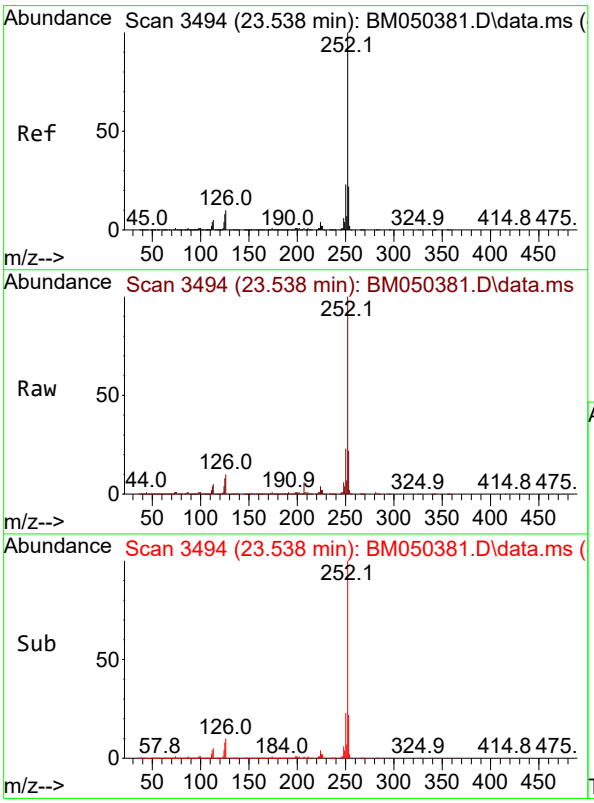
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.813 ng
RT: 27.938 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 5214934

Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.0	25.6
277	25.0	20.0	30.0

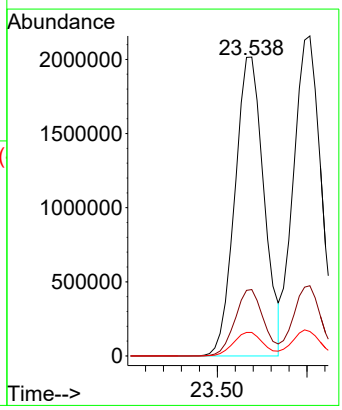


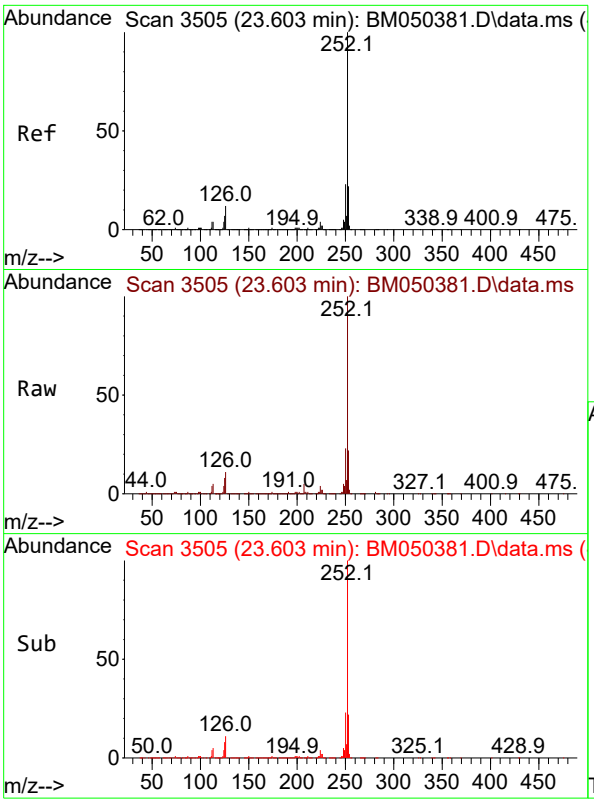


#88
Benzo(b)fluoranthene
Concen: 39.990 ng
RT: 23.538 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:252 Resp: 4531635

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.9	6.3	9.5



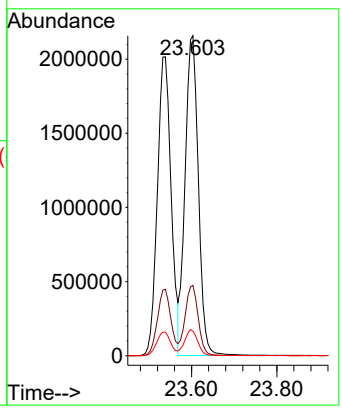


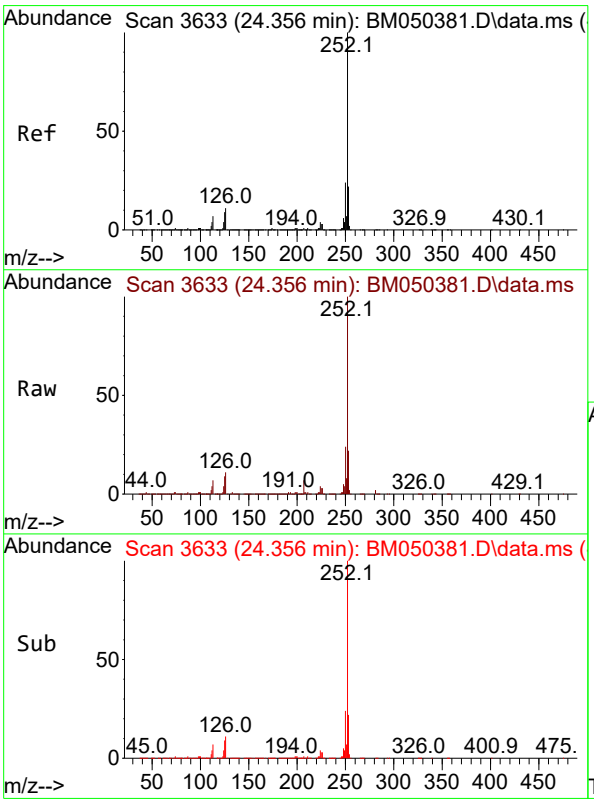
#89
Benzo(k)fluoranthene
Concen: 39.586 ng
RT: 23.603 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 4654634

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.7	6.2	9.2

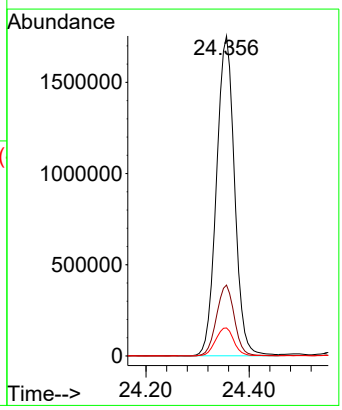


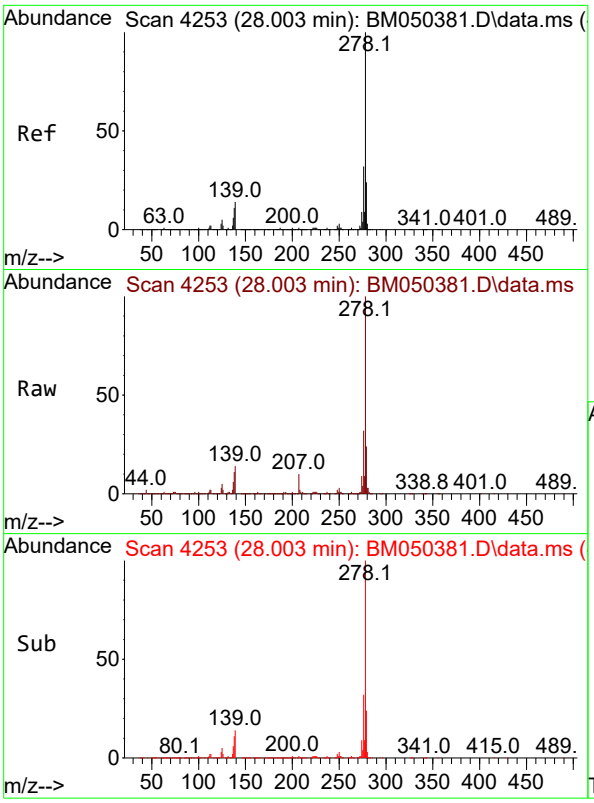


#90
Benzo(a)pyrene
Concen: 40.157 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:252 Resp: 4259750

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.7	7.0	10.4



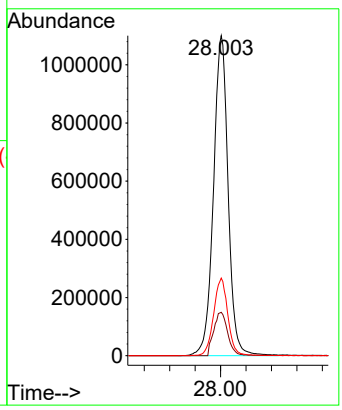


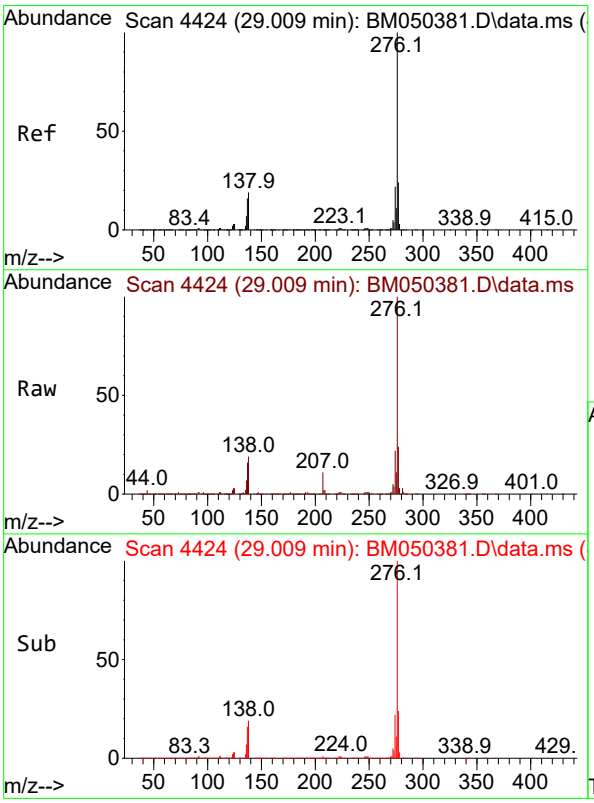
#91
Dibenzo(a,h)anthracene
Concen: 39.857 ng
RT: 28.003 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 4396741

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.8	16.2
279	24.2	19.4	29.0

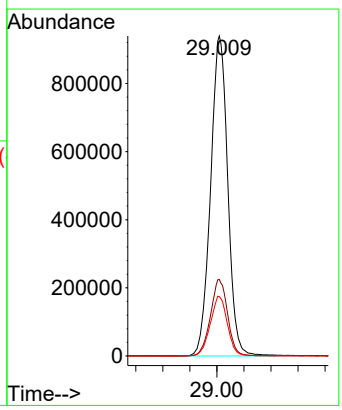




#92
Benzo(g,h,i)perylene
Concen: 39.626 ng
RT: 29.009 min Scan# 4424
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:276 Resp: 4131353

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	18.6	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	355414	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1368622	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	874077	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1680679	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1747476	20.000	ng		0.00
86) Perylene-d12	24.497	264	1657543	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2235397	108.263	ng		0.00
7) Phenol-d6	7.022	99	2855911	109.721	ng		0.00
23) Nitrobenzene-d5	9.022	82	2937689	109.508	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	1246384	117.361	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	7659625	108.218	ng		0.00
79) Terphenyl-d14	19.839	244	11336982	114.147	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	445164	52.431	ng		99
3) Pyridine	3.734	79	1187050	53.254	ng		98
4) n-Nitrosodimethylamine	3.640	42	550809	53.005	ng		100
6) Aniline	7.187	93	1814285	54.314	ng		99
8) 2-Chlorophenol	7.428	128	1191374	54.720	ng		100
9) Benzaldehyde	6.998	77	743485m	48.013	ng		
10) Phenol	7.051	94	1479916	54.513	ng		100
11) bis(2-Chloroethyl)ether	7.287	93	1176258	54.102	ng		98
12) 1,3-Dichlorobenzene	7.757	146	1403509	53.015	ng		98
13) 1,4-Dichlorobenzene	7.904	146	1430908	52.933	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1369382	52.912	ng		99
15) Benzyl Alcohol	8.098	79	1000035	54.529	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.398	45	1694093	52.899	ng		99
17) 2-Methylphenol	8.298	107	967335	54.938	ng		98
18) Hexachloroethane	8.951	117	510428	53.689	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	892537	56.604	ng		98
20) 3+4-Methylphenols	8.628	107	1295330	54.800	ng		98
22) Acetophenone	8.687	105	1828595	53.438	ng	#	97
24) Nitrobenzene	9.063	77	1289779	53.879	ng		99
25) Isophorone	9.592	82	2401483	55.168	ng		100
26) 2-Nitrophenol	9.775	139	569906	58.414	ng		99
27) 2,4-Dimethylphenol	9.834	122	1124761	54.178	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	1555003	53.910	ng		99
29) 2,4-Dichlorophenol	10.304	162	1175856	55.130	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	1359109	53.267	ng		99
31) Naphthalene	10.716	128	3662846	52.691	ng		100
32) Benzoic acid	9.957	122	666467	51.765	ng		99
33) 4-Chloroaniline	10.810	127	1592528	54.189	ng		99
34) Hexachlorobutadiene	11.010	225	835314	53.639	ng		99
35) Caprolactam	11.586	113	328173	56.364	ng		98
36) 4-Chloro-3-methylphenol	11.933	107	1114543	55.959	ng		100
37) 2-Methylnaphthalene	12.322	142	2369763	53.990	ng		98
38) 1-Methylnaphthalene	12.539	142	2518911	54.226	ng		100
40) 1,2,4,5-Tetrachloroben...	12.692	216	1528897	55.004	ng		99
41) Hexachlorocyclopentadiene	12.680	237	982675	55.306	ng		98
43) 2,4,6-Trichlorophenol	12.927	196	968128	56.583	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

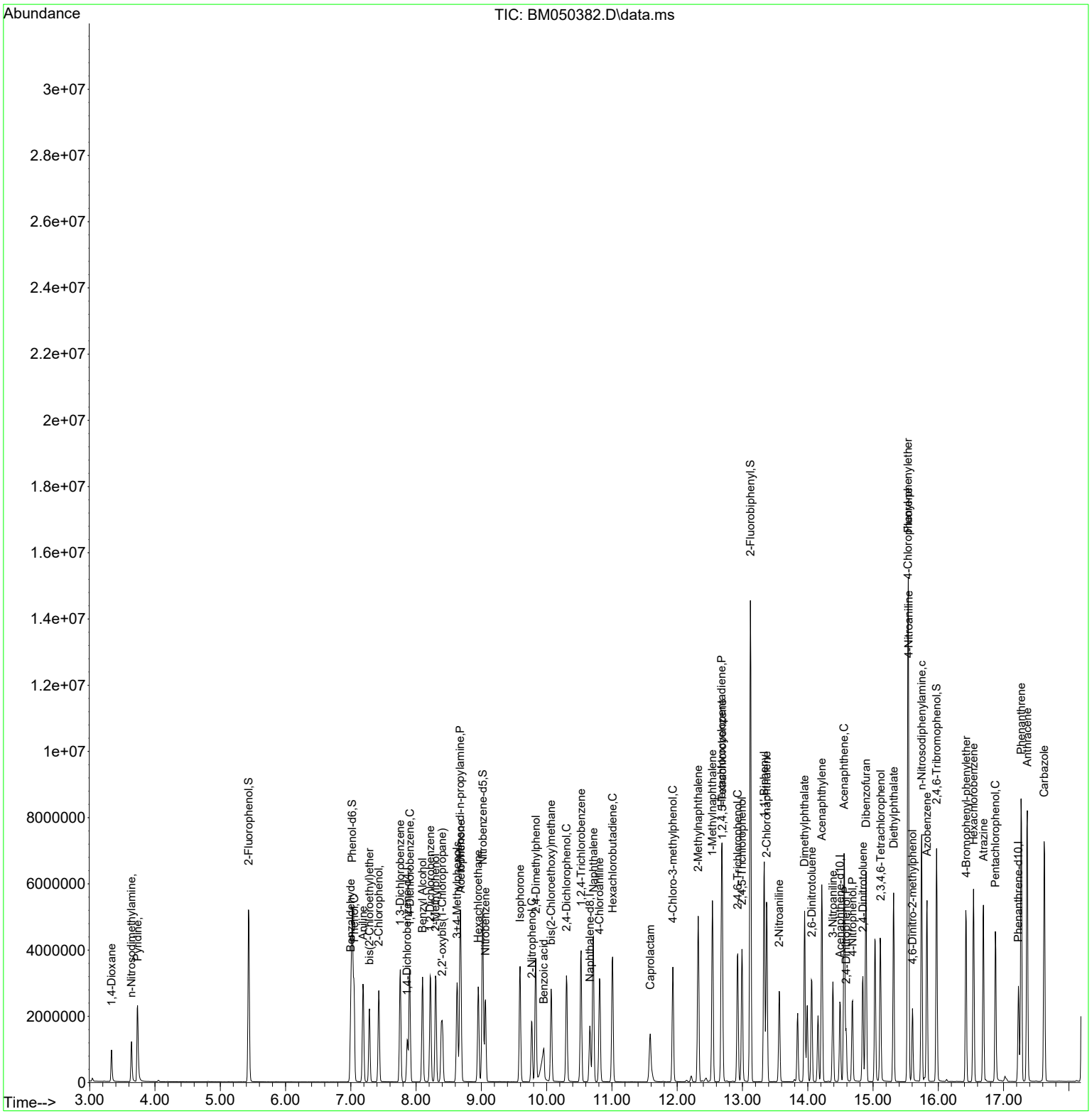
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1058158	56.628	ng	99
46) 1,1'-Biphenyl	13.333	154	3466190	53.449	ng	99
47) 2-Chloronaphthalene	13.369	162	2768272	53.538	ng	100
48) 2-Nitroaniline	13.563	65	682263	59.115	ng	100
49) Acenaphthylene	14.216	152	4274915	54.707	ng	100
50) Dimethylphthalate	13.951	163	3290612	54.681	ng	100
51) 2,6-Dinitrotoluene	14.063	165	672335	58.189	ng	100
52) Acenaphthene	14.557	154	2689063	54.128	ng	99
53) 3-Nitroaniline	14.386	138	722162	58.770	ng	100
54) 2,4-Dinitrophenol	14.586	184	305096	50.427	ng	98
55) Dibenzofuran	14.892	168	4109027	53.680	ng	100
56) 4-Nitrophenol	14.686	139	602964	57.060	ng	96
57) 2,4-Dinitrotoluene	14.845	165	922804	53.047	ng	98
58) Fluorene	15.539	166	3457484	54.837	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	885196	56.275	ng	100
60) Diethylphthalate	15.316	149	3176896	55.265	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	1834247	55.637	ng	100
62) 4-Nitroaniline	15.545	138	765716	53.869	ng	98
63) Azobenzene	15.827	77	2917647	55.274	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	458700	50.395	ng	98
66) n-Nitrosodiphenylamine	15.745	169	2847134	54.137	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	1016241	54.881	ng	99
68) Hexachlorobenzene	16.539	284	1190183	54.420	ng	98
69) Atrazine	16.692	200	975743	56.502	ng	98
70) Pentachlorophenol	16.874	266	762216	55.986	ng	99
71) Phenanthrene	17.268	178	5068282	53.293	ng	100
72) Anthracene	17.362	178	5179830	54.717	ng	100
73) Carbazole	17.621	167	4657232	54.372	ng	100
74) Di-n-butylphthalate	18.198	149	5258750	56.091	ng	100
75) Fluoranthene	19.274	202	5737944	55.500	ng	99
77) Benzidine	19.456	184	2626171	58.920	ng	100
78) Pyrene	19.639	202	6064476	54.187	ng	100
80) Butylbenzylphthalate	20.539	149	2150816	58.284	ng	100
81) Benzo(a)anthracene	21.439	228	6238737	54.793	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	2176770	56.690	ng	100
83) Chrysene	21.503	228	5797980	53.988	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	3407481	58.166	ng	99
85) Di-n-octyl phthalate	22.527	149	5213026	56.816	ng	99
87) Indeno(1,2,3-cd)pyrene	27.944	276	6640722	56.349	ng	100
88) Benzo(b)fluoranthene	23.539	252	5667484	55.588	ng	100
89) Benzo(k)fluoranthene	23.603	252	5984419	56.568	ng	99
90) Benzo(a)pyrene	24.356	252	5445326	57.054	ng	99
91) Dibenzo(a,h)anthracene	28.009	278	5603613	56.460	ng	99
92) Benzo(g,h,i)perylene	29.015	276	5235761	55.817	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

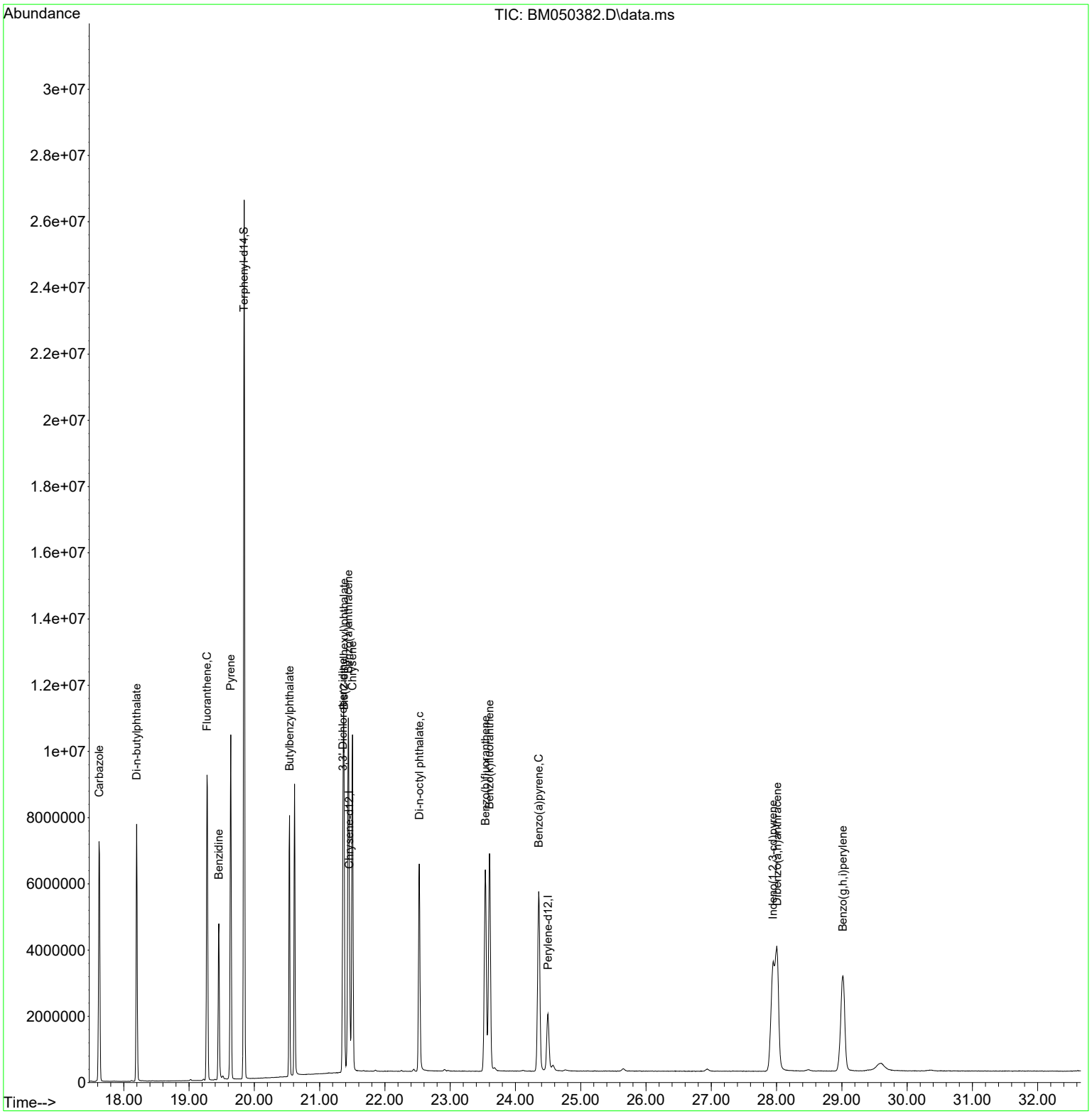


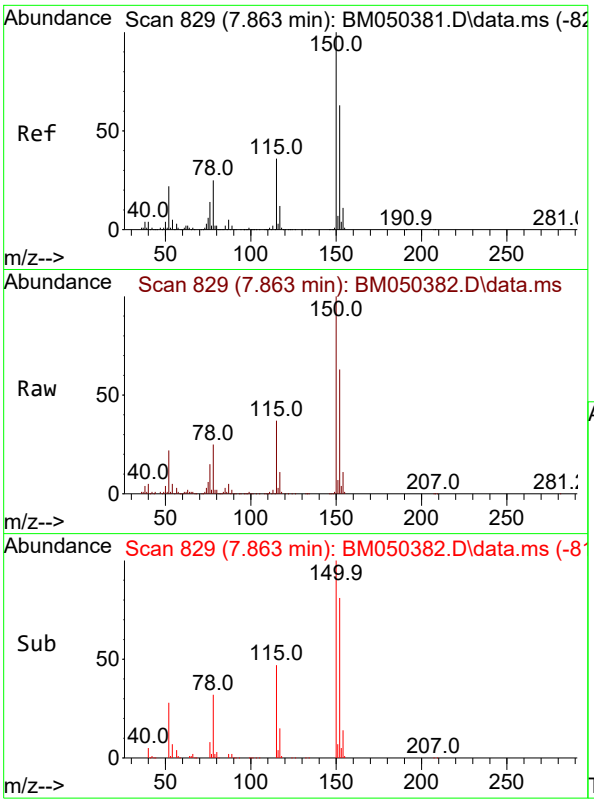
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
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BNA_M
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Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
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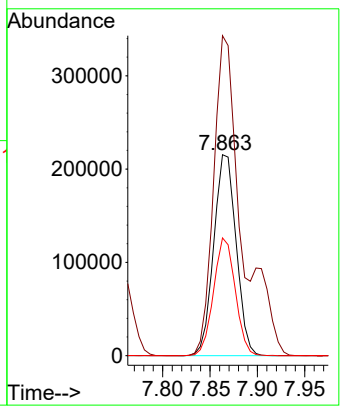


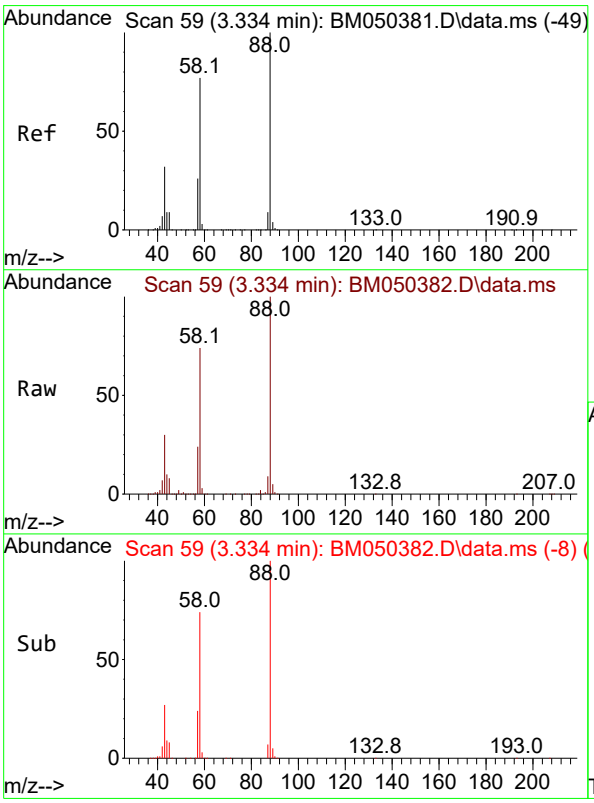
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 355414

Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.2	189.4
115	58.6	45.8	68.8

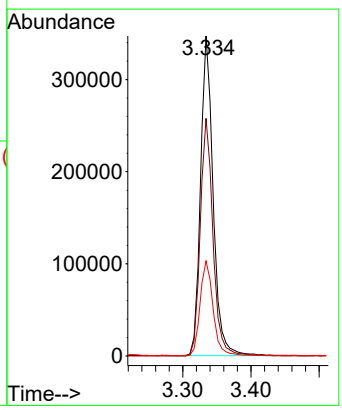


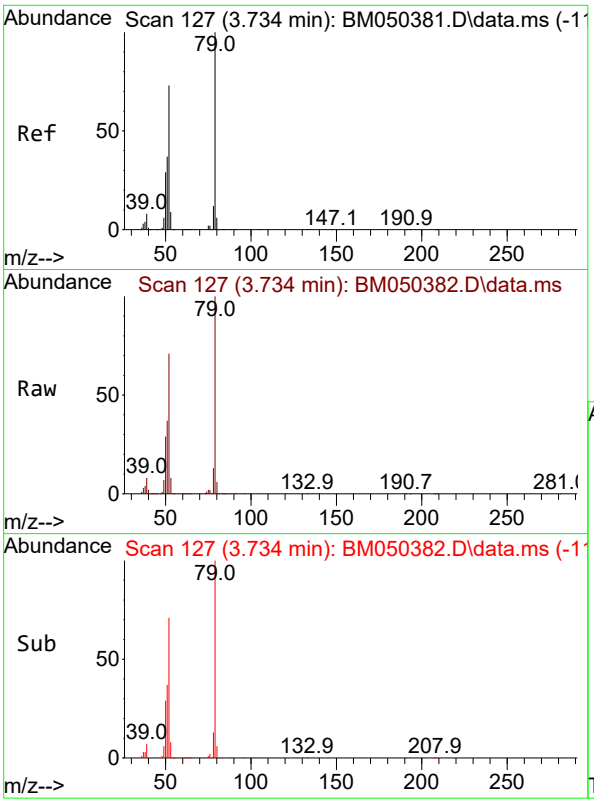


#2
1,4-Dioxane
Concen: 52.431 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 88 Resp: 445164

Ion	Ratio	Lower	Upper
88	100		
58	75.1	61.0	91.6
43	30.8	24.6	37.0



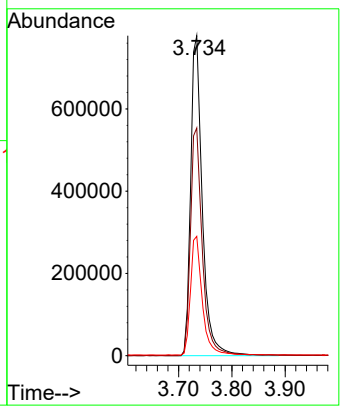


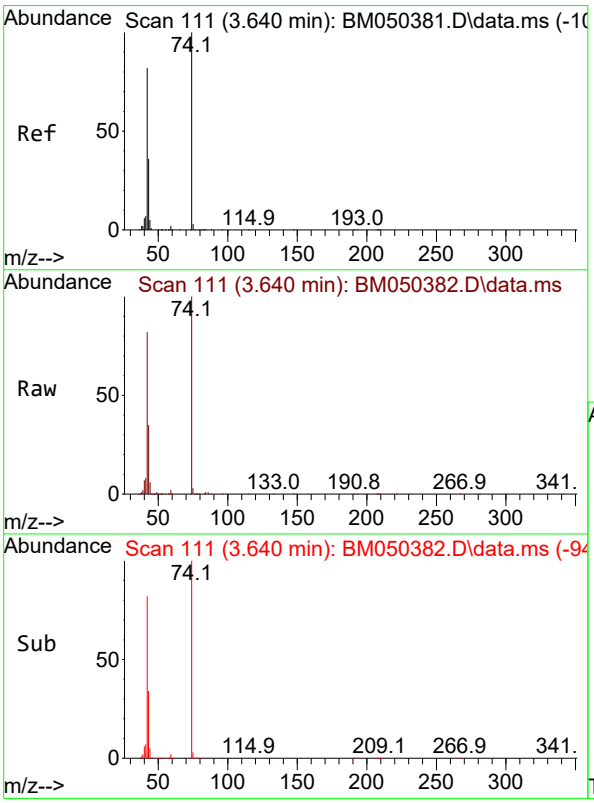
#3
Pyridine
Concen: 53.254 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1187050

Ion	Ratio	Lower	Upper
79	100		
52	71.2	58.3	87.5
51	37.3	29.6	44.4

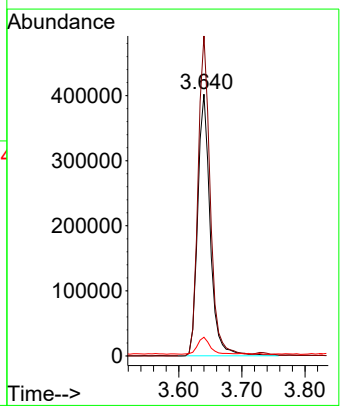


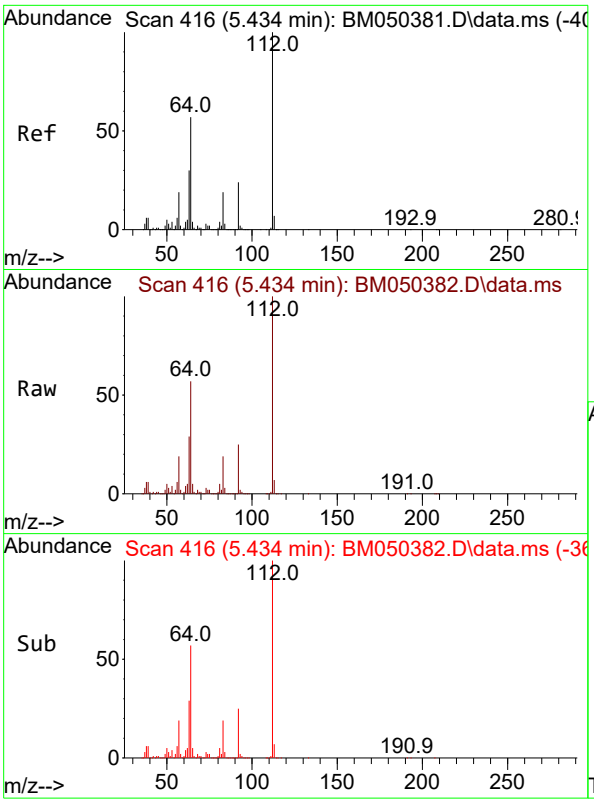


#4
n-Nitrosodimethylamine
Concen: 53.005 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 42 Resp: 550809

Ion	Ratio	Lower	Upper
42	100		
74	122.3	97.5	146.3
44	7.2	5.7	8.5



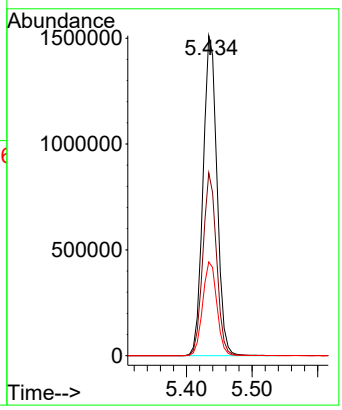


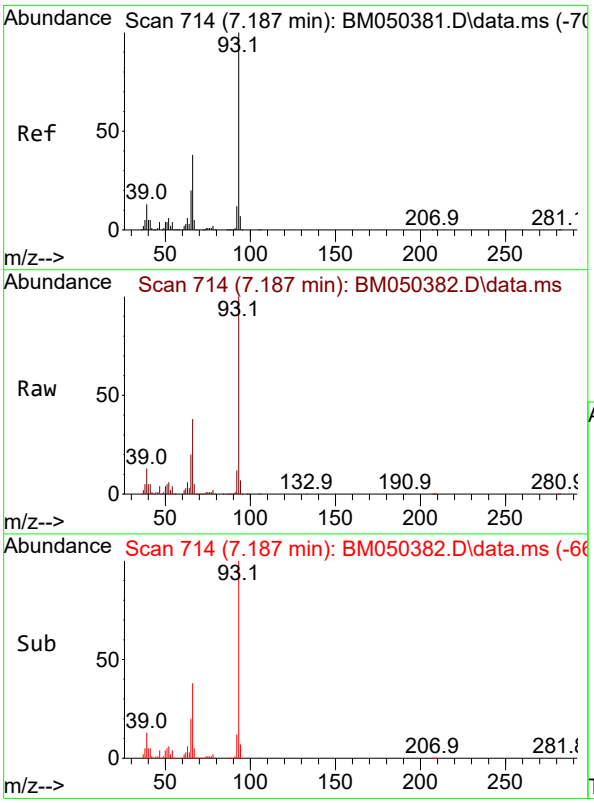
#5
2-Fluorophenol
Concen: 108.263 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 2235397

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.5	68.3
63	29.3	24.2	36.4

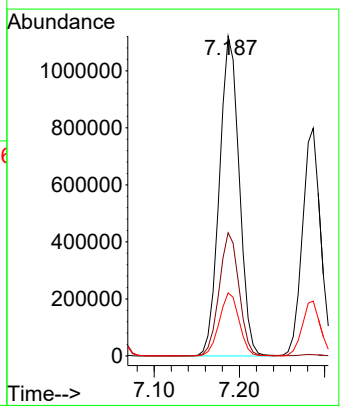


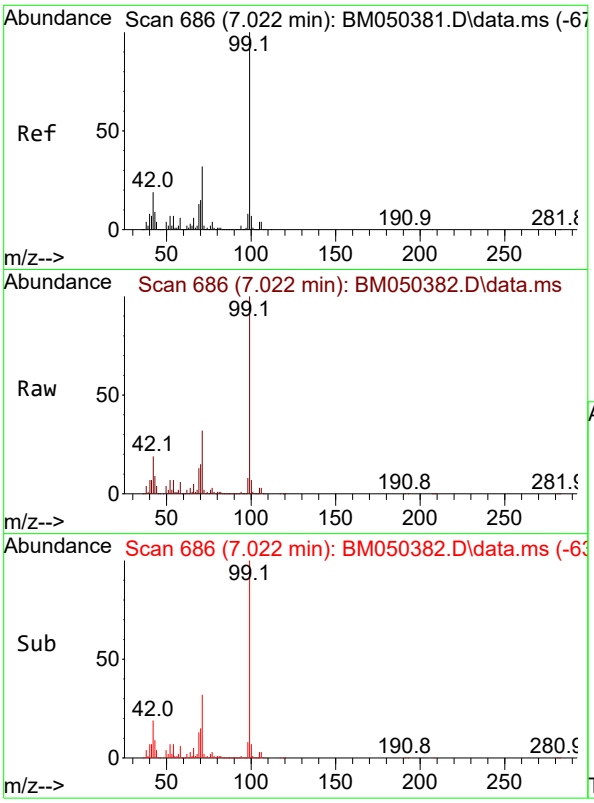


#6
Aniline
Concen: 54.314 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 93 Resp: 1814285

Ion	Ratio	Lower	Upper
93	100		
66	38.5	30.5	45.7
65	19.7	15.9	23.9



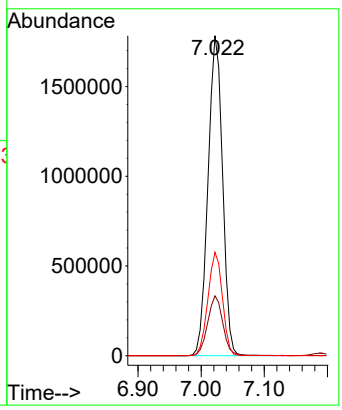


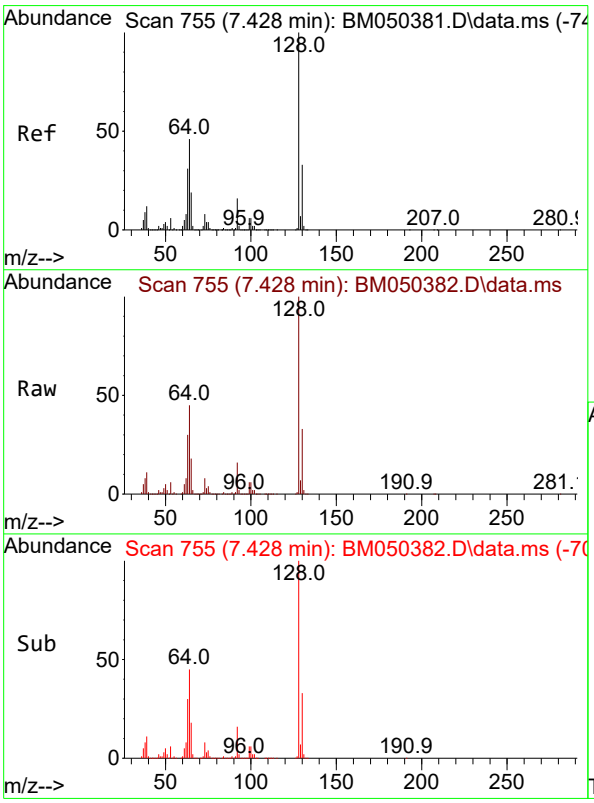
#7
Phenol-d6
Concen: 109.721 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 2855911

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.6
71	32.3	25.9	38.9

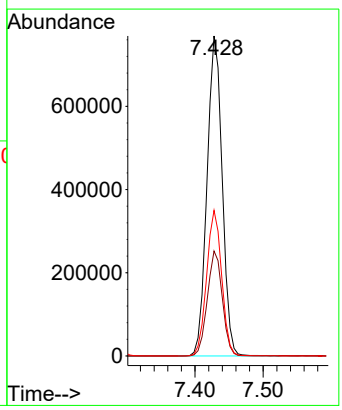


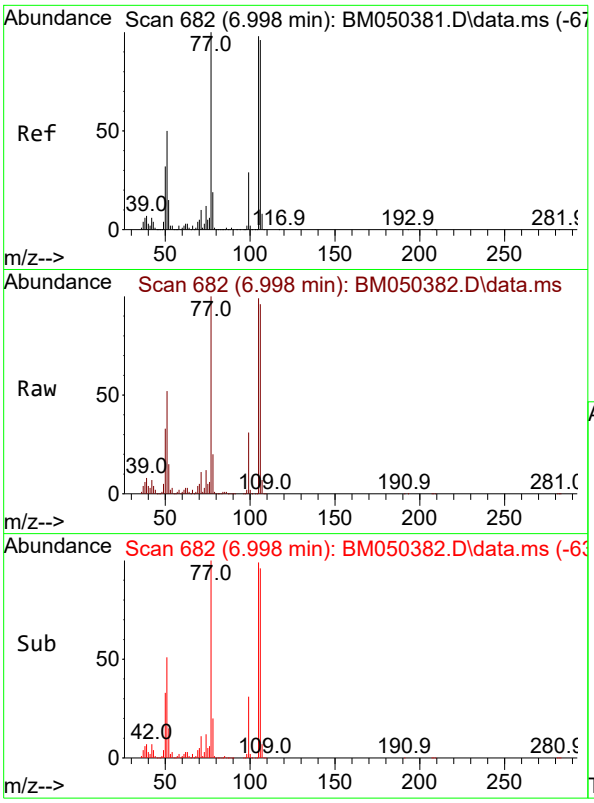


#8
2-Chlorophenol
Concen: 54.720 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:128 Resp: 1191374

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.3	53.3
64	45.5	25.6	65.6



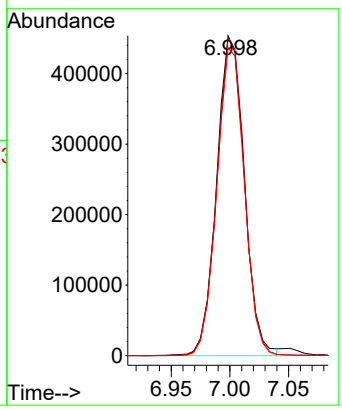


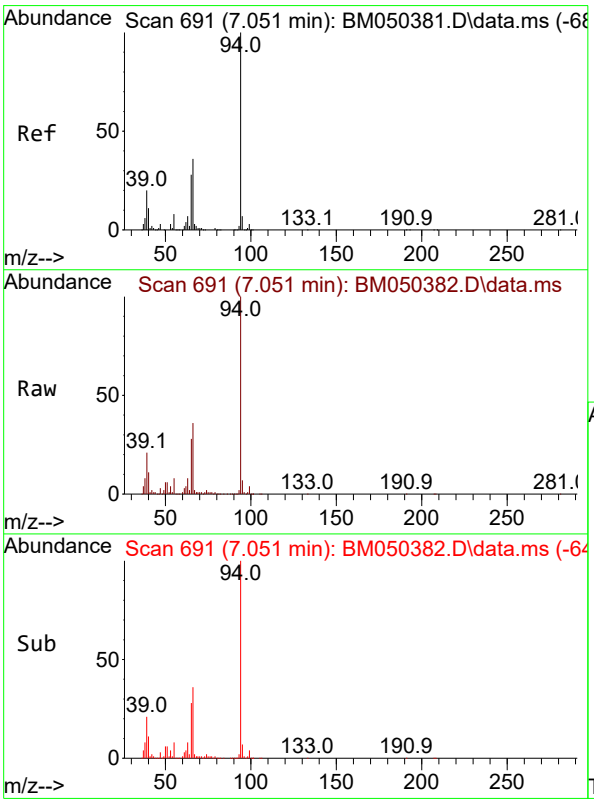
#9
Benzaldehyde
Concen: 48.013 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 743485

Ion	Ratio	Lower	Upper
77	100		
105	99.4	78.4	118.4
106	96.2	76.3	116.3

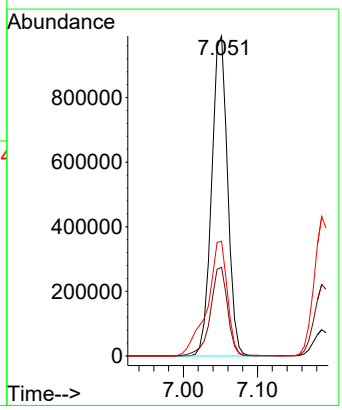


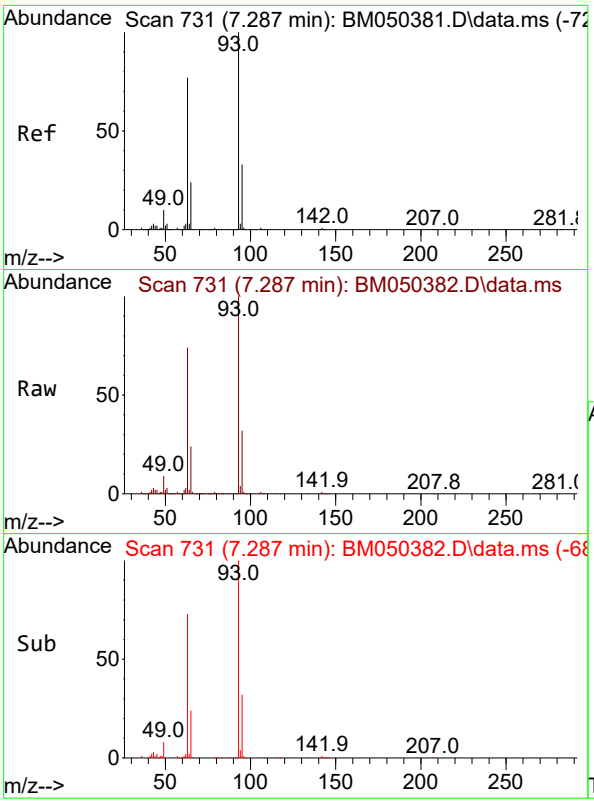


#10
Phenol
Concen: 54.513 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 94 Resp: 1479916

Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	35.8	15.8	55.8



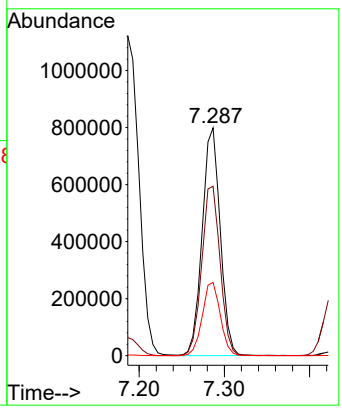


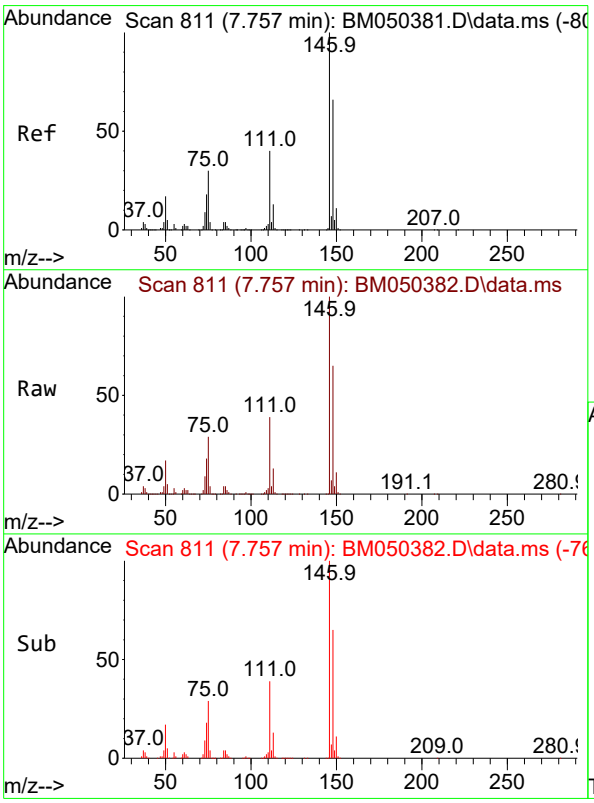
#11
bis(2-Chloroethyl)ether
Concen: 54.102 ng
RT: 7.287 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 1176258

Ion	Ratio	Lower	Upper
93	100		
63	74.4	56.9	96.9
95	32.1	12.6	52.6

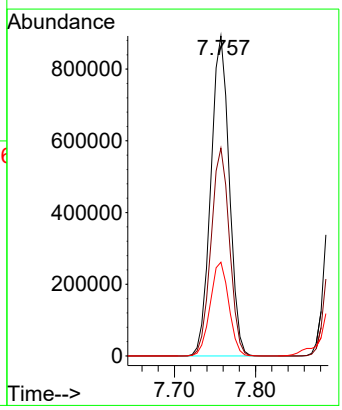


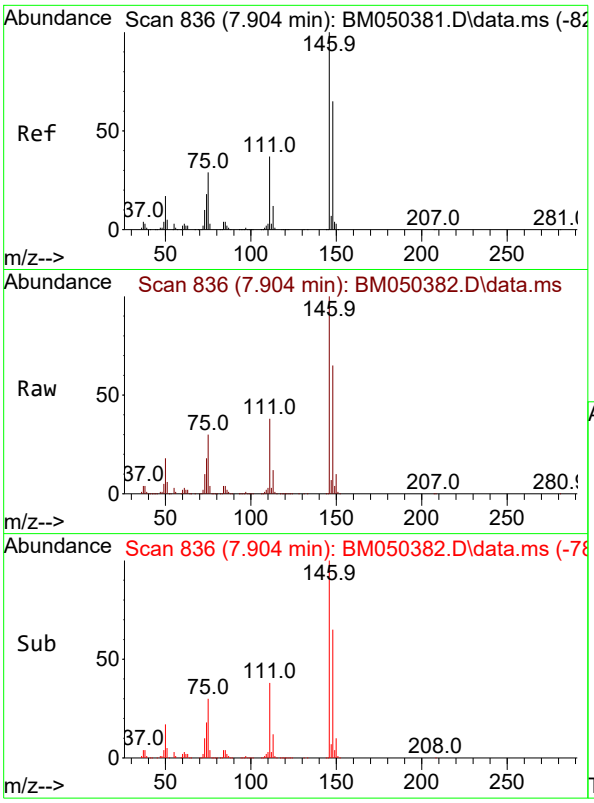


#12
1,3-Dichlorobenzene
Concen: 53.015 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:146 Resp: 1403509

Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.2	79.8
75	29.3	23.9	35.9



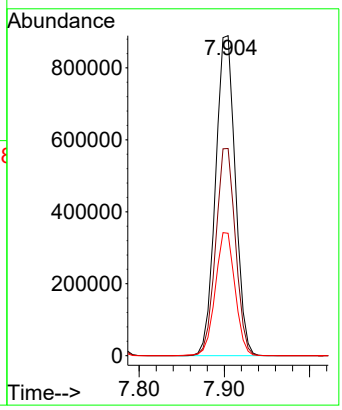


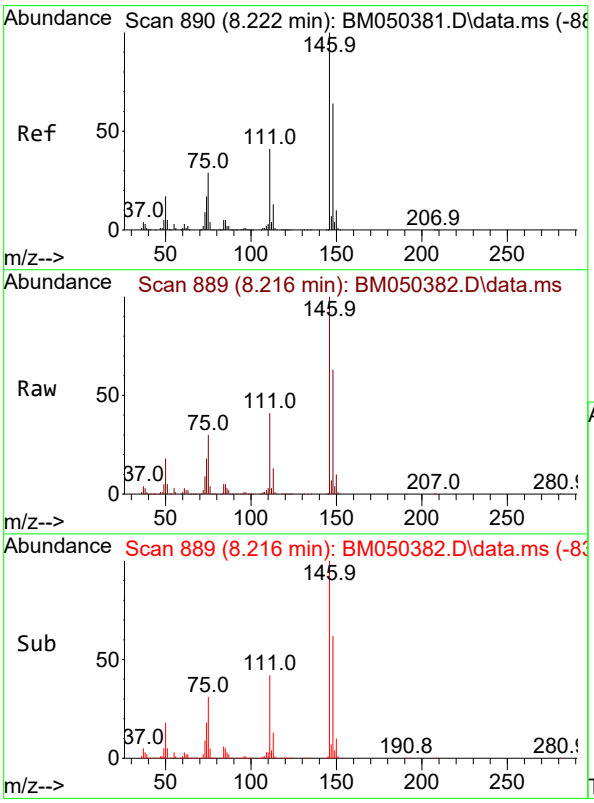
#13
1,4-Dichlorobenzene
Concen: 52.933 ng
RT: 7.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 1430908

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	38.2	30.0	45.0

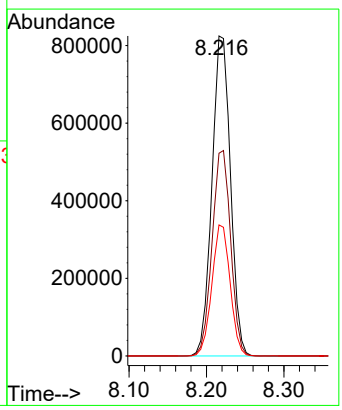


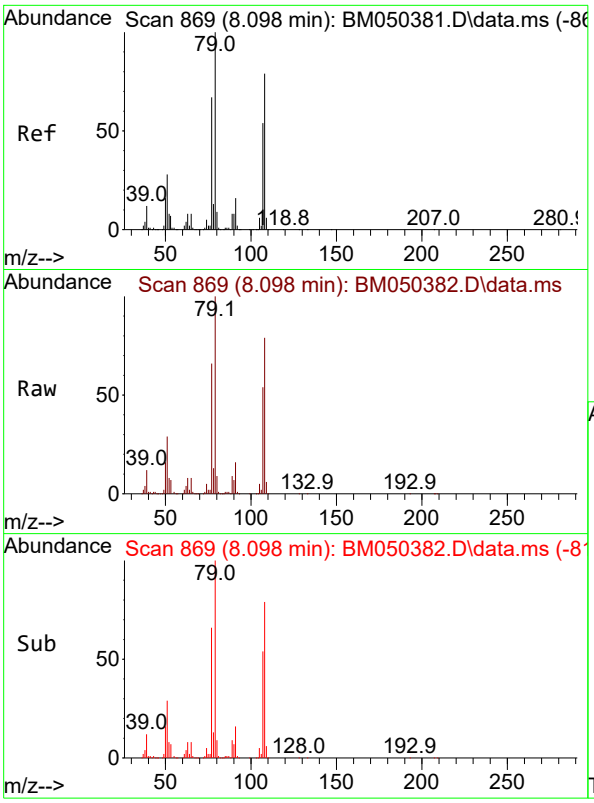


#14
1,2-Dichlorobenzene
Concen: 52.912 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:146 Resp: 1369382

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.5	77.3
111	40.9	32.6	49.0



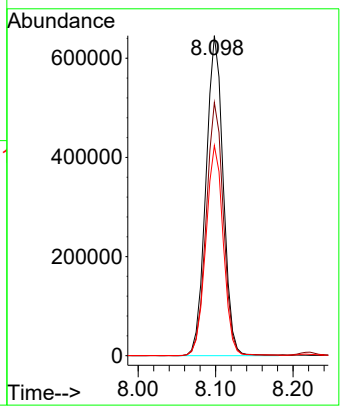


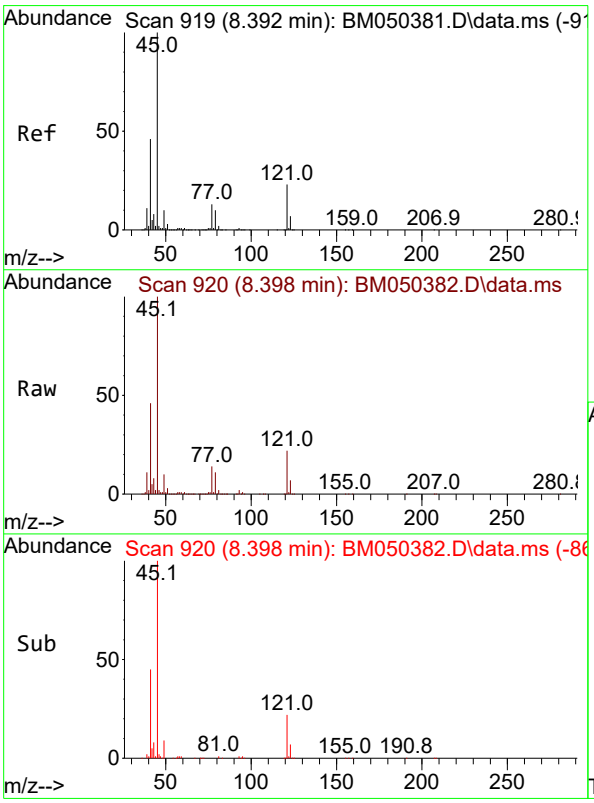
#15
Benzyl Alcohol
Concen: 54.529 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1000035

Ion	Ratio	Lower	Upper
79	100		
108	79.1	63.0	94.4
77	65.7	53.4	80.0

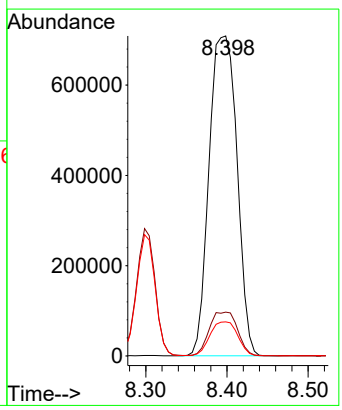


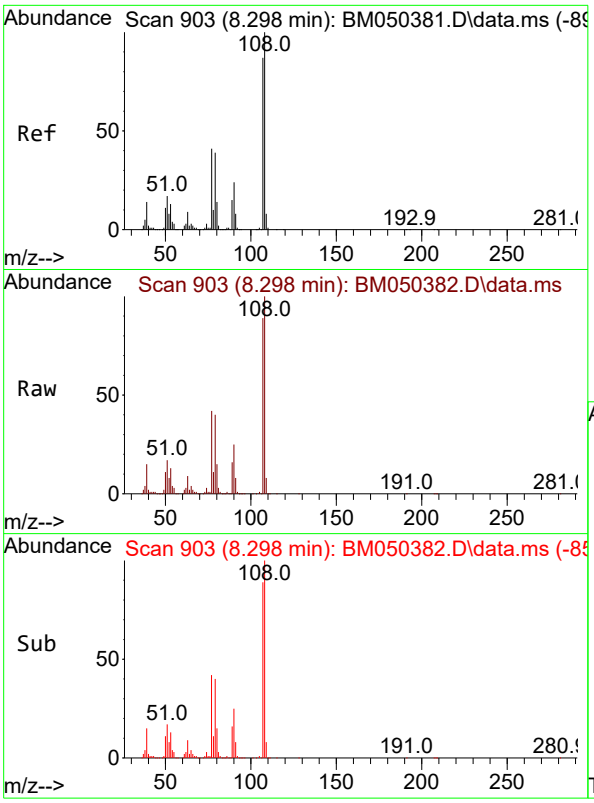


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.899 ng
RT: 8.398 min Scan# 920
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 45 Resp: 1694093

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.7	0.0	30.3



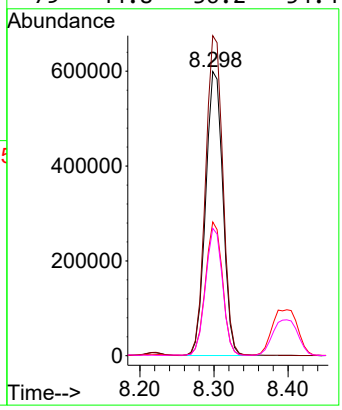


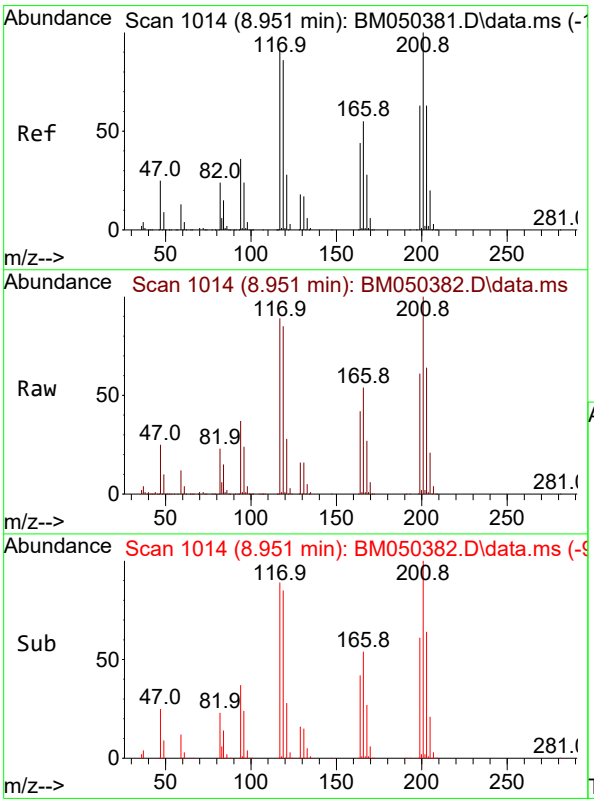
#17
2-Methylphenol
Concen: 54.938 ng
RT: 8.298 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 967335

Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.1	138.1
77	47.0	38.2	57.4
79	44.8	36.2	54.4

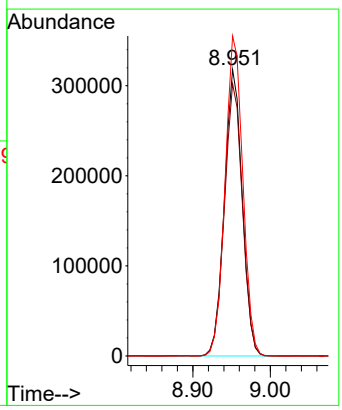


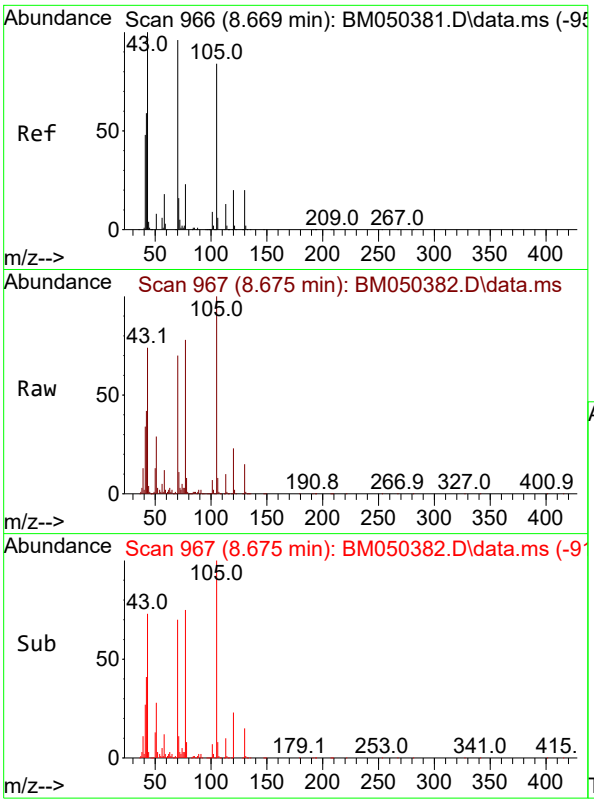


#18
Hexachloroethane
Concen: 53.689 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:117 Resp: 510428

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.6	113.4
201	111.8	87.9	131.9



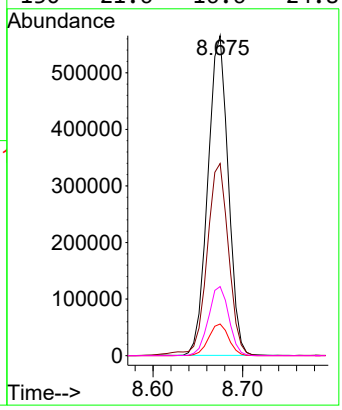


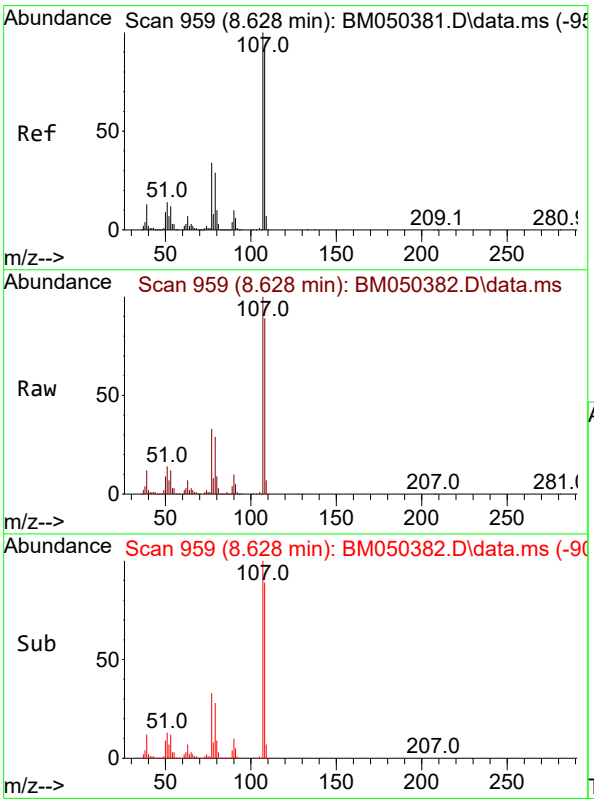
#19
n-Nitroso-di-n-propylamine
Concen: 56.604 ng
RT: 8.675 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 892537

Ion	Ratio	Lower	Upper
70	100		
42	60.1	49.7	74.5
101	9.9	7.7	11.5
130	21.6	16.6	24.8

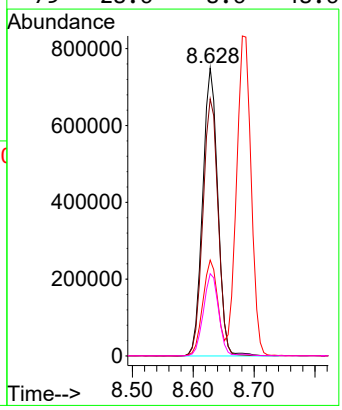


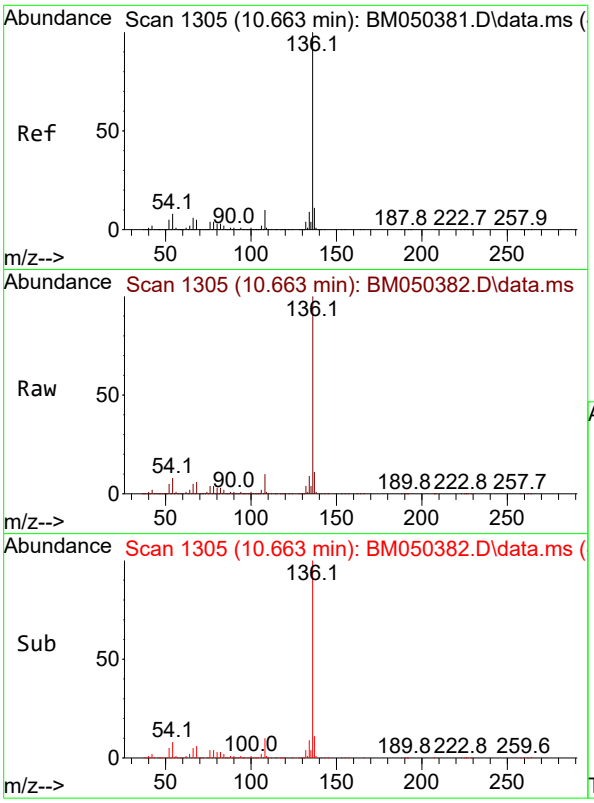


#20
3+4-Methylphenols
Concen: 54.800 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:107 Resp: 1295330

Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.5	111.5
77	33.3	13.7	53.7
79	28.6	8.6	48.6



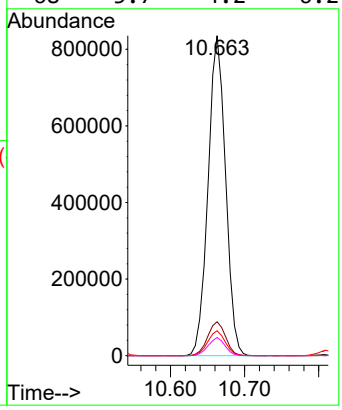


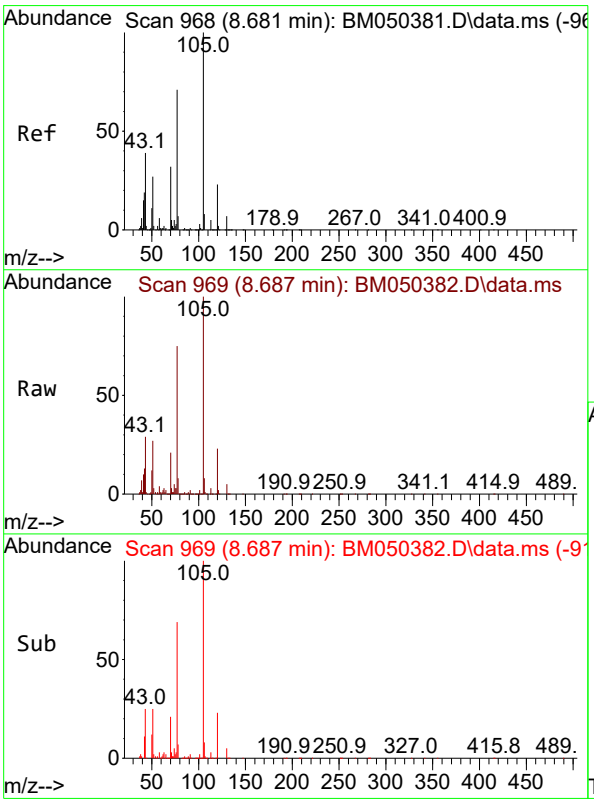
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 1368622

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.8	6.3	9.5
68	5.7	4.2	6.2

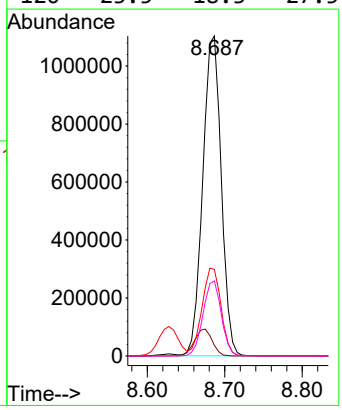


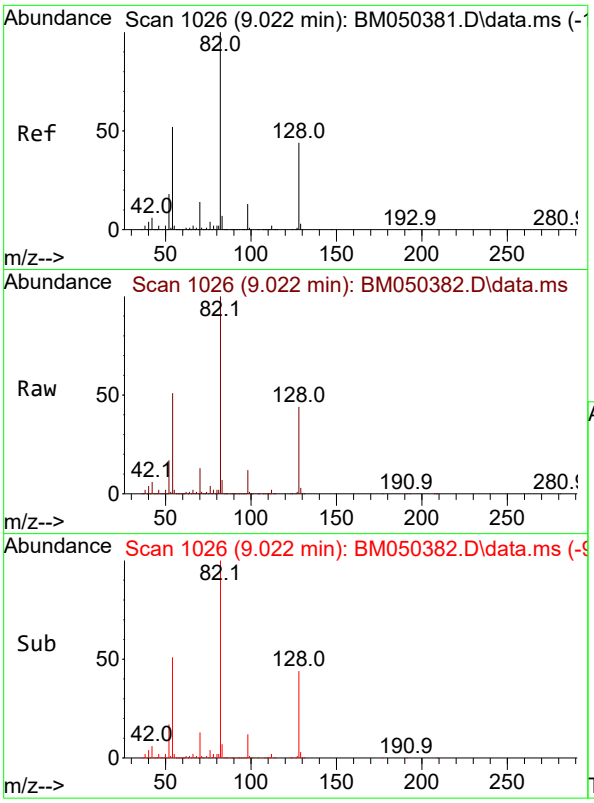


#22
Acetophenone
Concen: 53.438 ng
RT: 8.687 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:105 Resp: 1828595

Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.4	6.6#
51	27.0	23.0	34.6
120	23.5	18.3	27.5



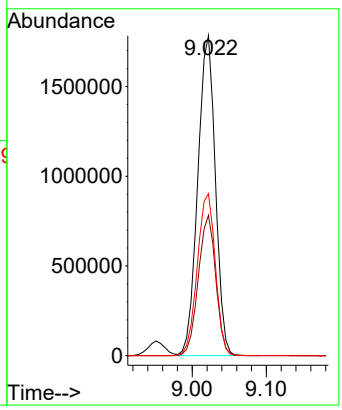


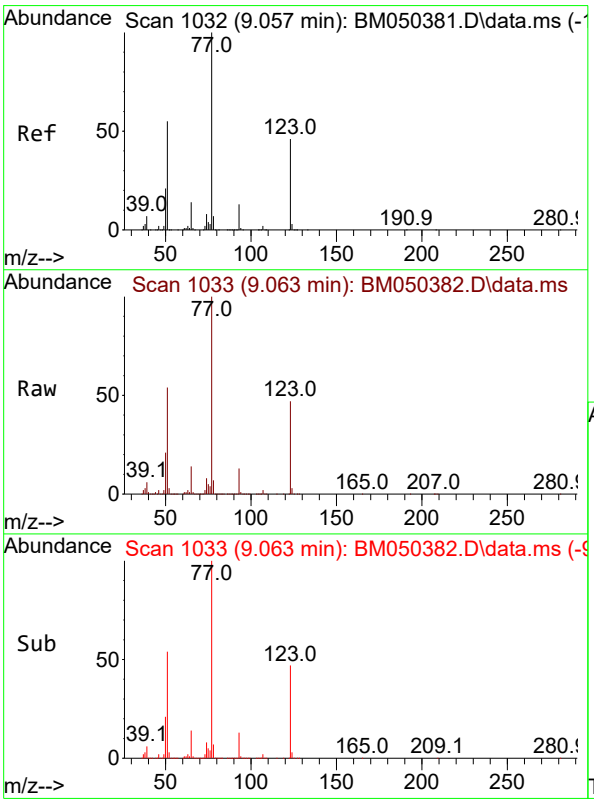
#23
Nitrobenzene-d5
Concen: 109.508 ng
RT: 9.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2937689

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.2	52.8
54	50.6	41.5	62.3

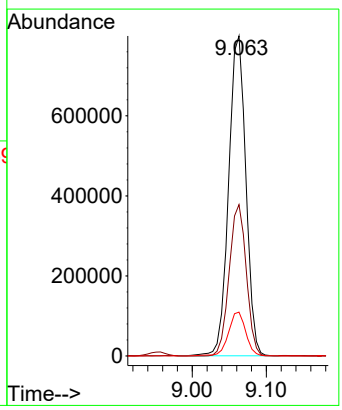


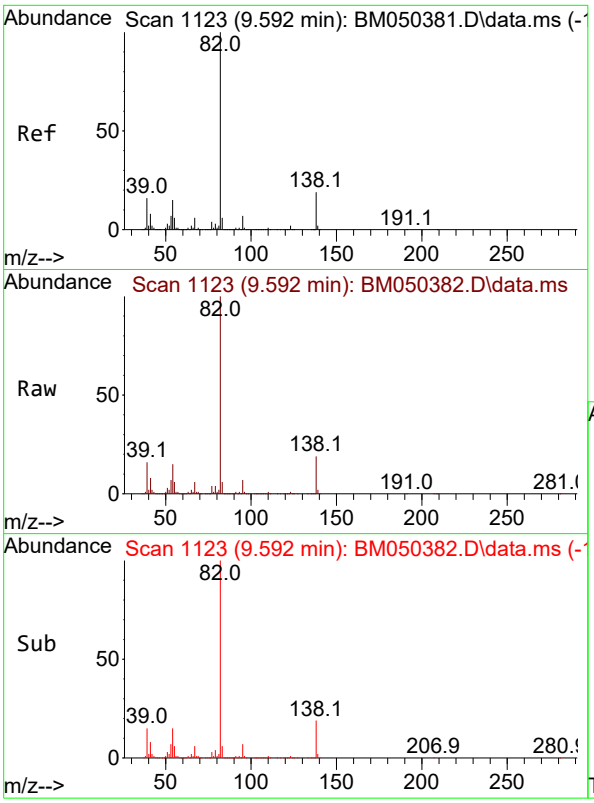


#24
Nitrobenzene
Concen: 53.879 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 77 Resp: 1289779

Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.0	55.6
65	13.7	11.0	16.4



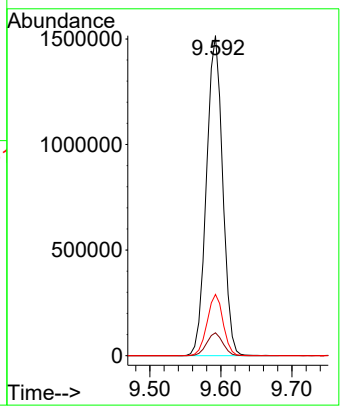


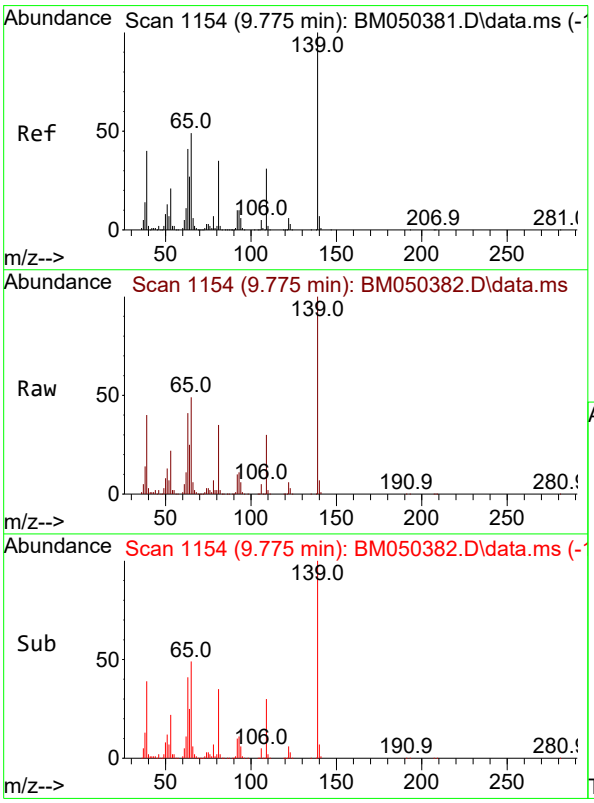
#25
Isophorone
Concen: 55.168 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2401483

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.2	15.3	22.9

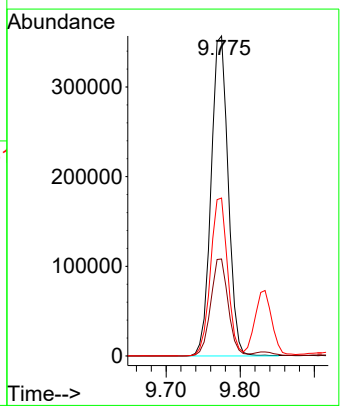


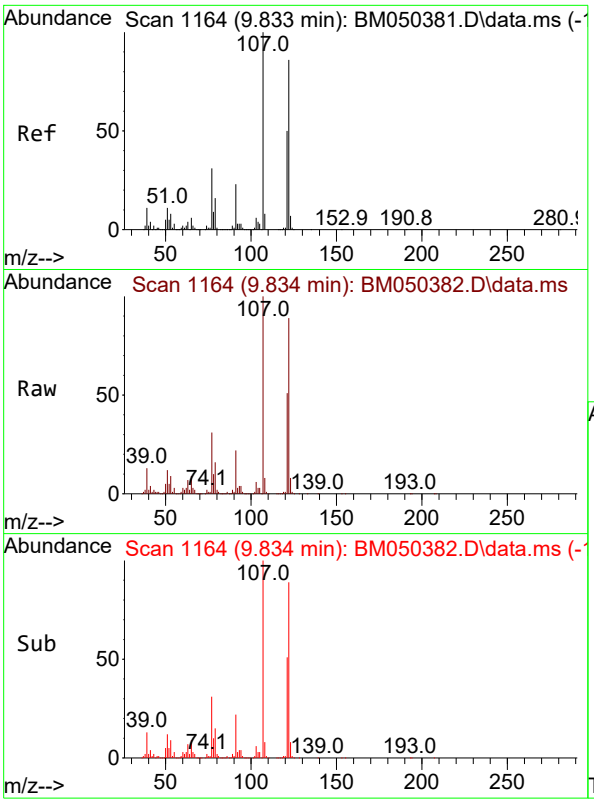


#26
2-Nitrophenol
Concen: 58.414 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:139 Resp: 569906

Ion	Ratio	Lower	Upper
139	100		
109	30.3	24.6	36.8
65	49.3	39.2	58.8



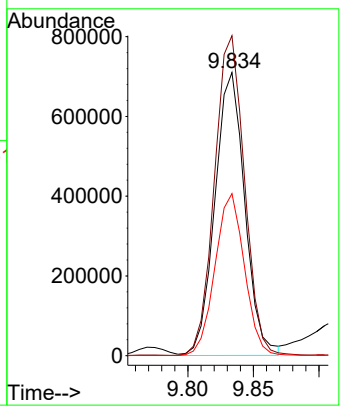


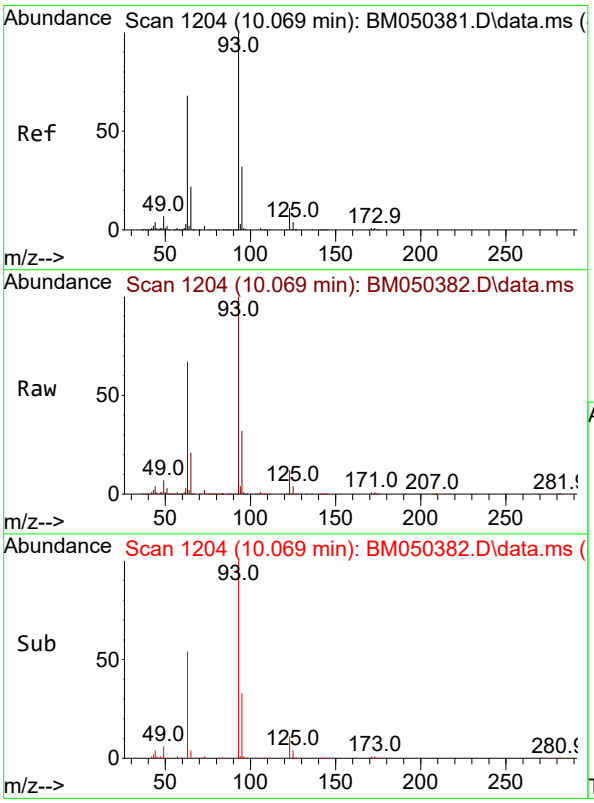
#27
2,4-Dimethylphenol
Concen: 54.178 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 1124761

Ion	Ratio	Lower	Upper
122	100		
107	113.0	93.0	139.6
121	57.2	46.1	69.1

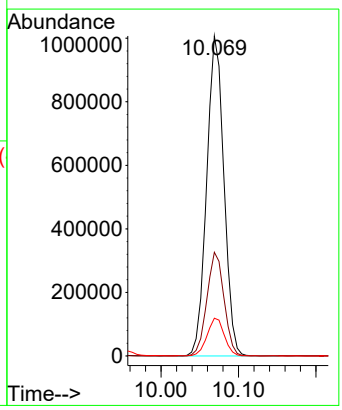


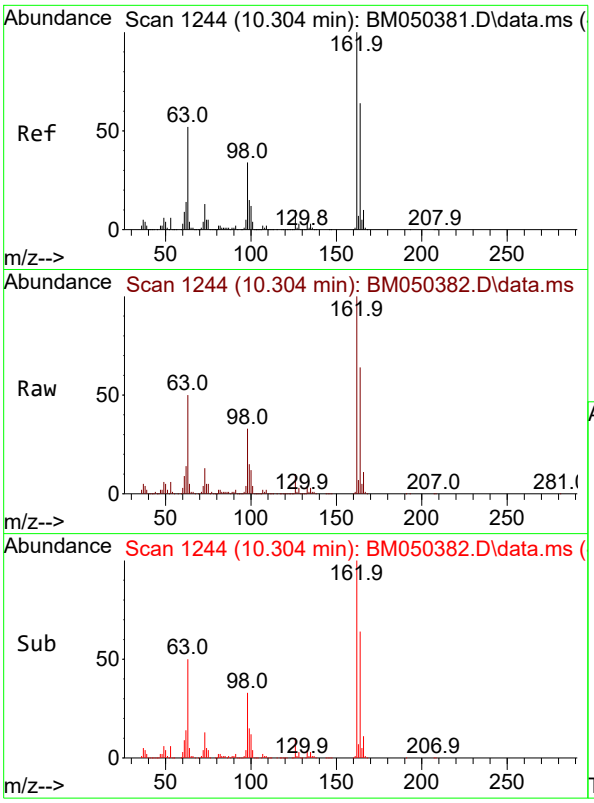


#28
bis(2-Chloroethoxy)methane
Concen: 53.910 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 93 Resp: 1555003

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.8	9.1	13.7



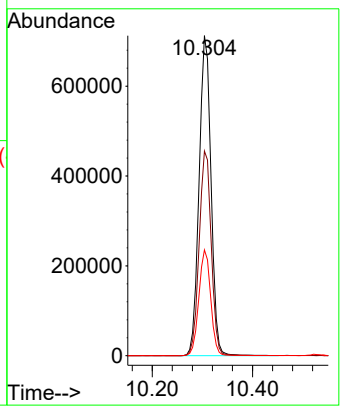


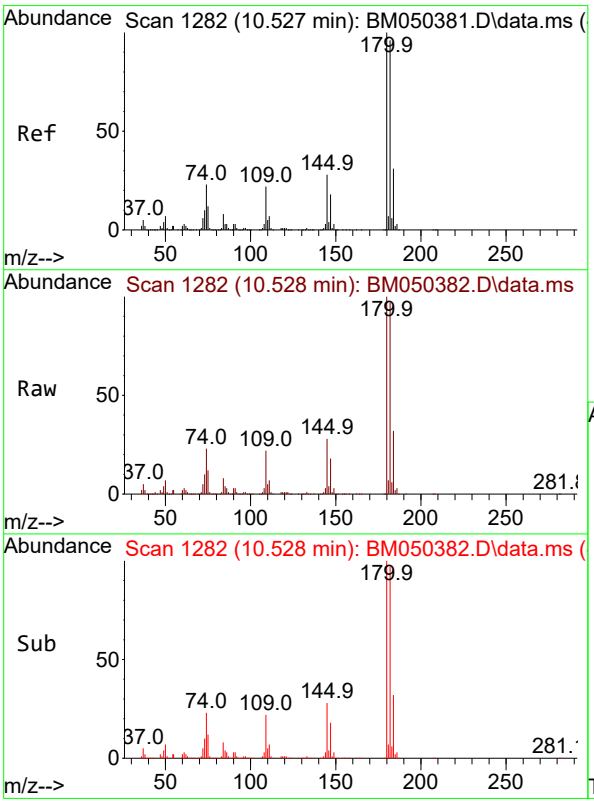
#29
2,4-Dichlorophenol
Concen: 55.130 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 1175856

Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.7	83.7
98	33.0	13.7	53.7

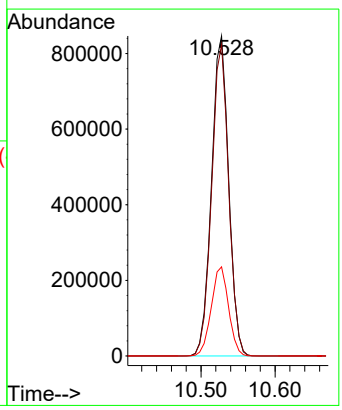


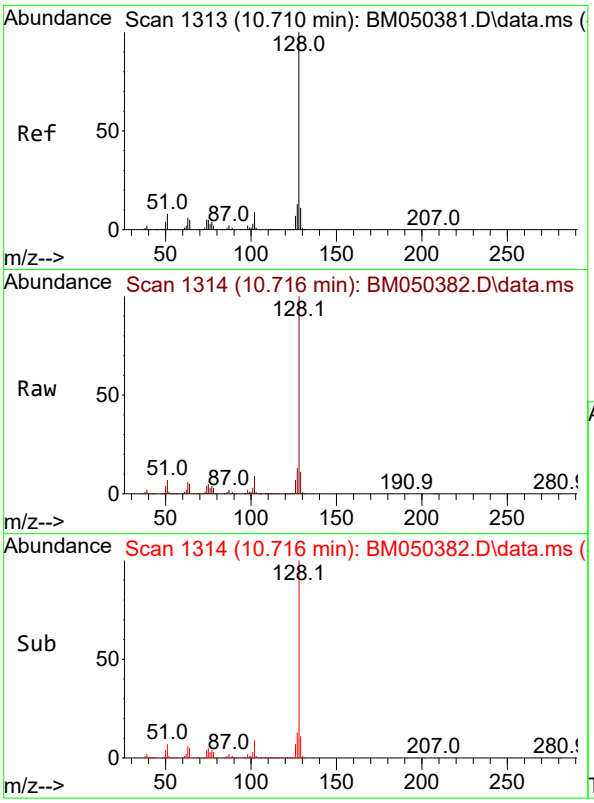


#30
1,2,4-Trichlorobenzene
Concen: 53.267 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:180 Resp: 1359109

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.8	115.2
145	27.9	22.6	33.8



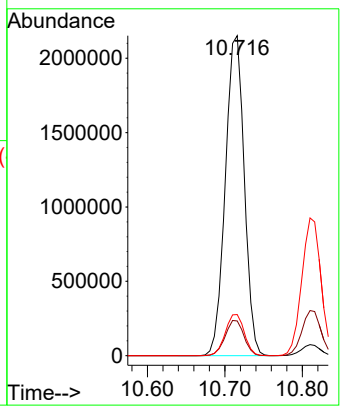


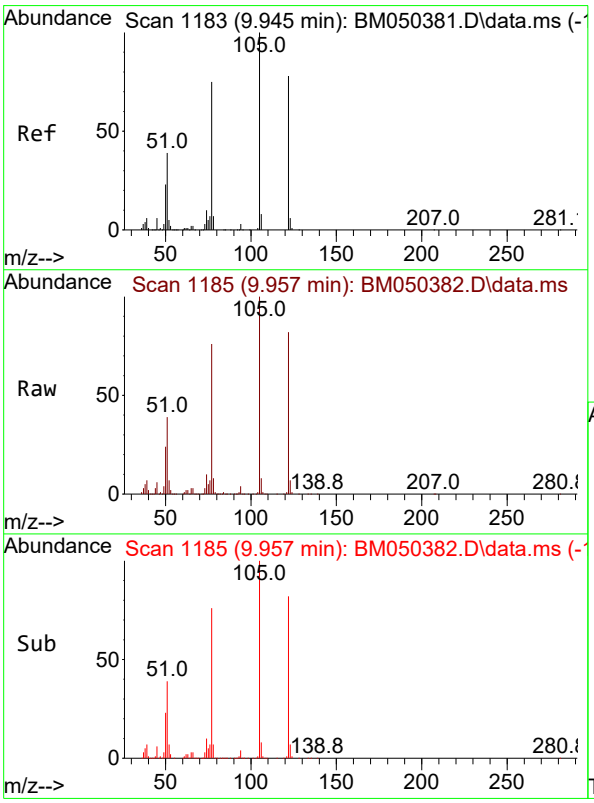
#31
Naphthalene
Concen: 52.691 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 3662846

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.8	10.4	15.6

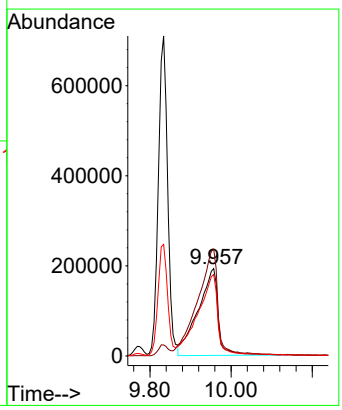


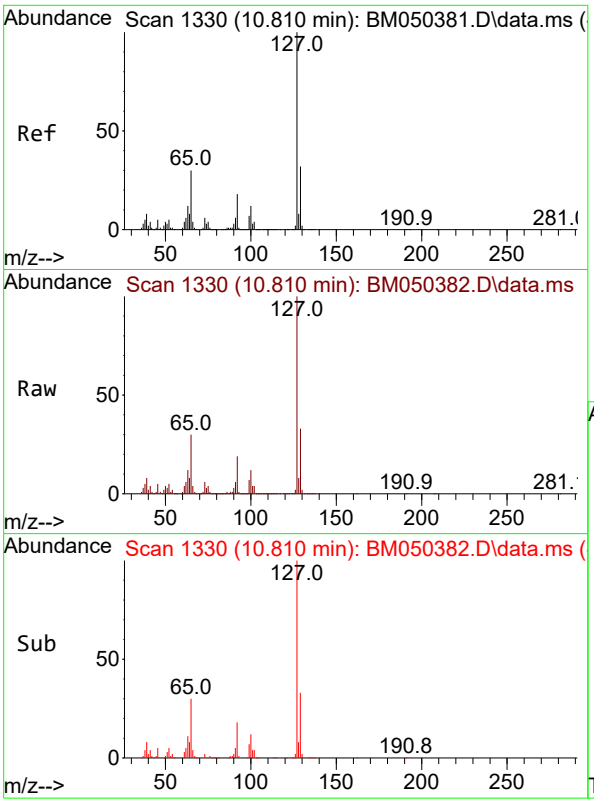


#32
Benzoic acid
Concen: 51.765 ng
RT: 9.957 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:122 Resp: 666467

Ion	Ratio	Lower	Upper
122	100		
105	122.1	104.0	144.0
77	93.3	73.8	113.8



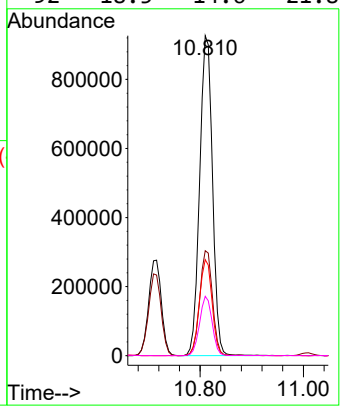


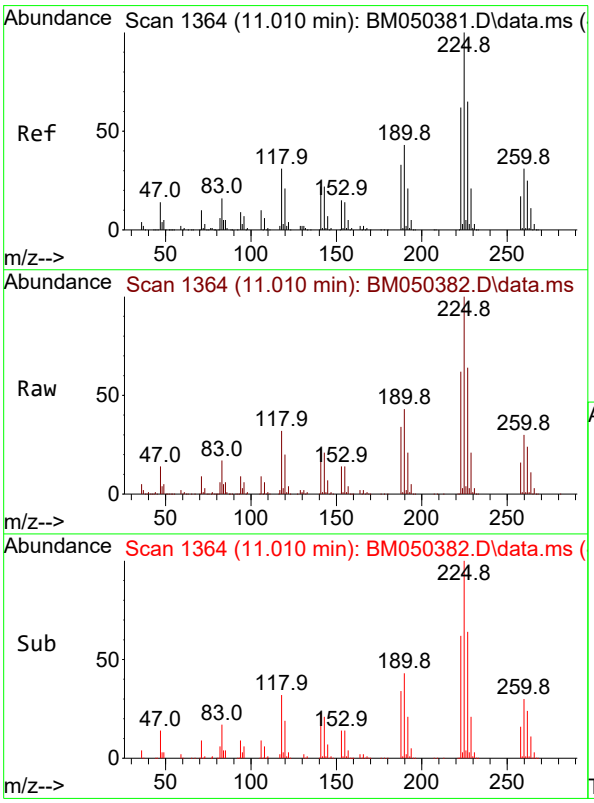
#33
4-Chloroaniline
Concen: 54.189 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1592528

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.5	38.3
65	30.0	23.9	35.9
92	18.5	14.6	21.8

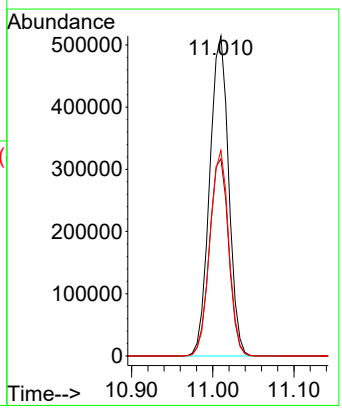


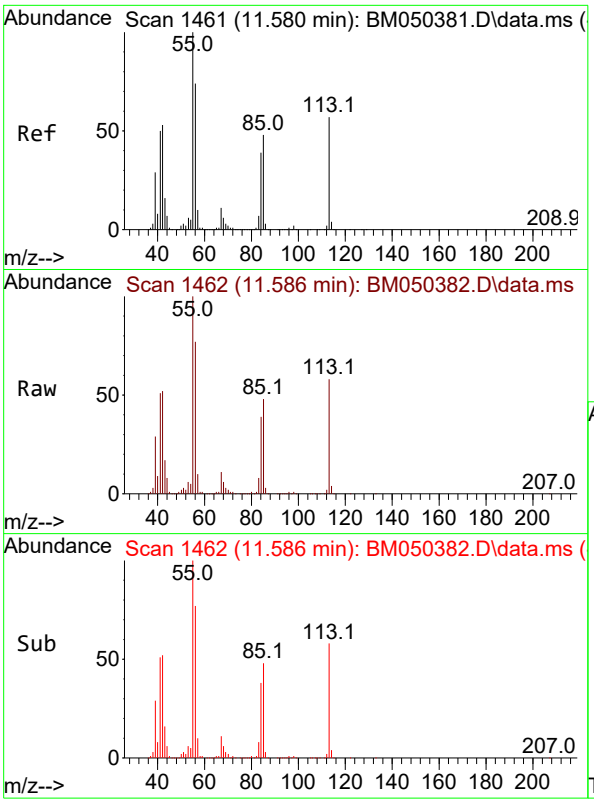


#34
Hexachlorobutadiene
Concen: 53.639 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:225 Resp: 835314

Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.7	74.5
227	64.2	52.1	78.1



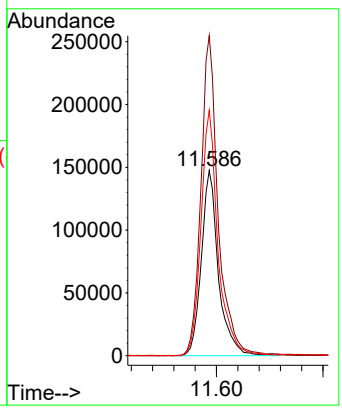


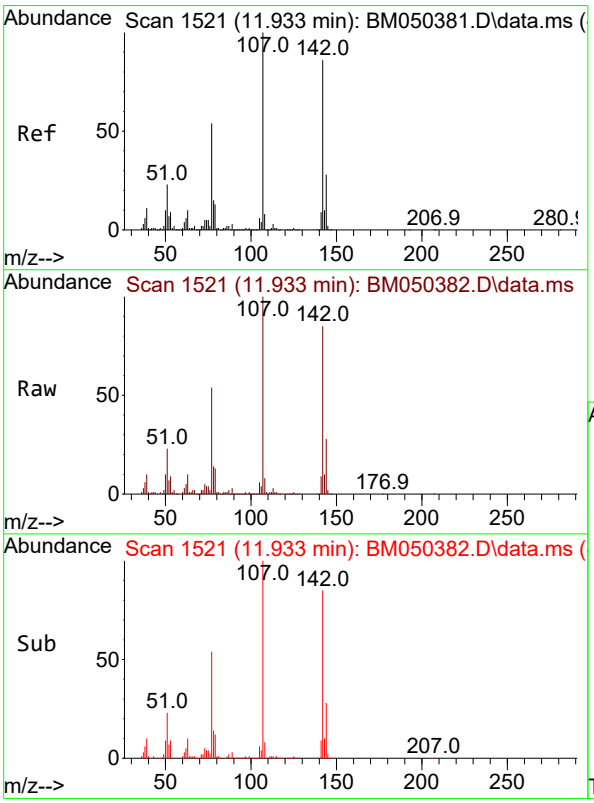
#35
Caprolactam
Concen: 56.364 ng
RT: 11.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 328173

Ion	Ratio	Lower	Upper
113	100		
55	172.8	157.2	197.2
56	132.6	111.7	151.7

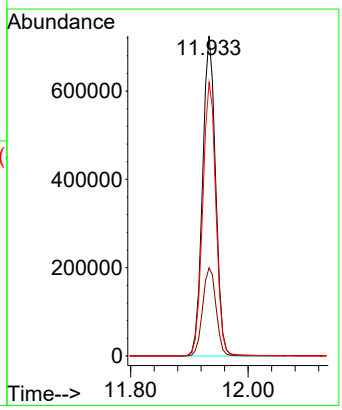


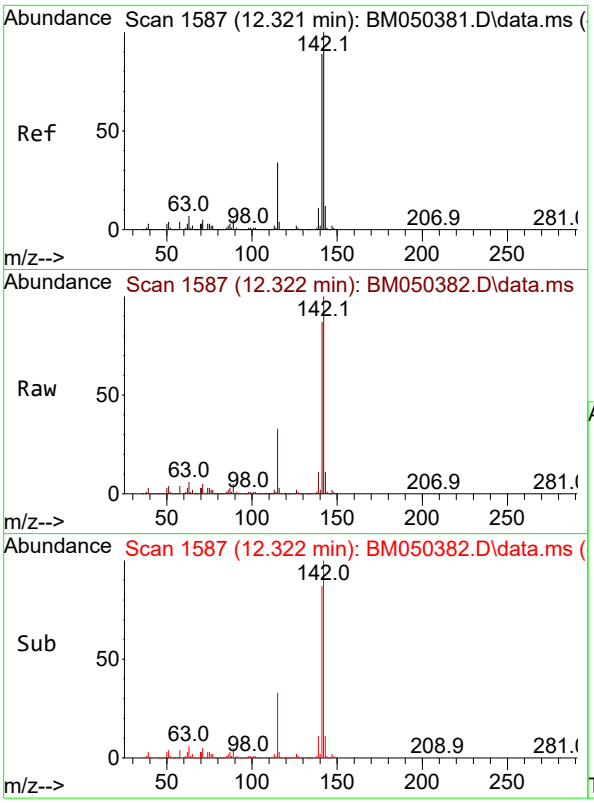


#36
4-Chloro-3-methylphenol
Concen: 55.959 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:107 Resp: 1114543

Ion	Ratio	Lower	Upper
107	100		
144	27.6	22.2	33.4
142	85.4	68.7	103.1



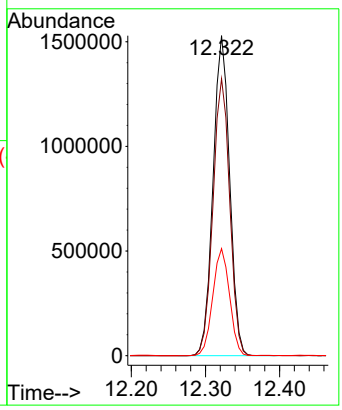


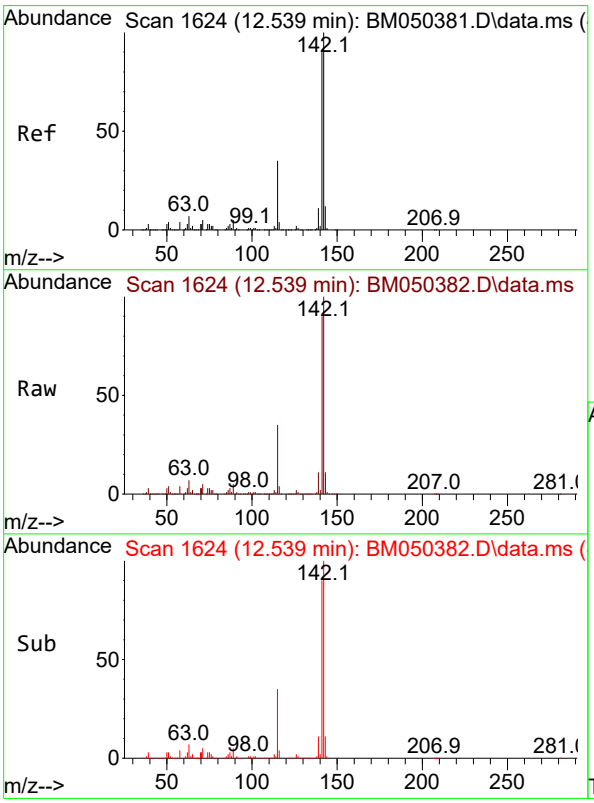
#37
2-Methylnaphthalene
Concen: 53.990 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 2369763

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.8	106.2
115	33.5	27.0	40.4

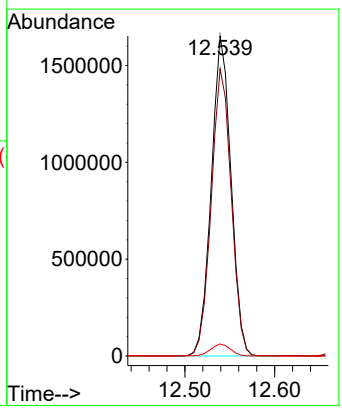


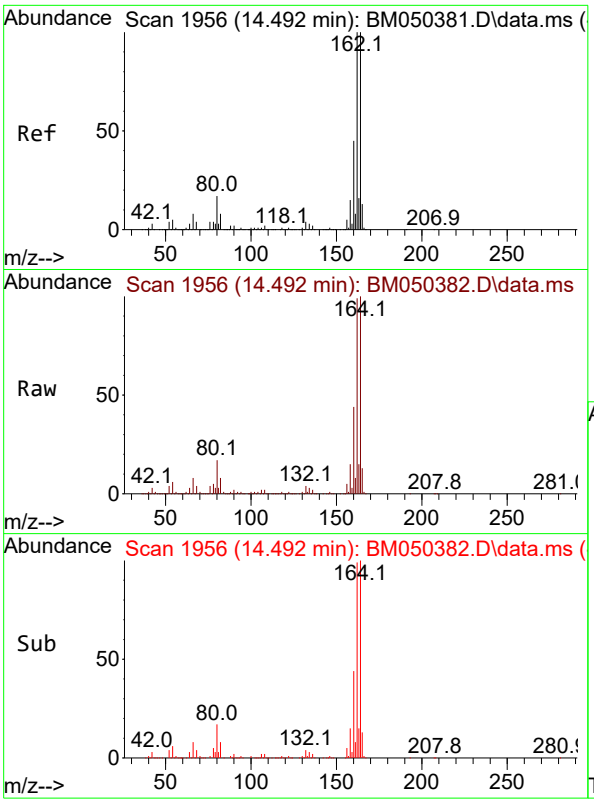


#38
1-Methylnaphthalene
Concen: 54.226 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:142 Resp: 2518911

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
116	3.8	3.0	4.6



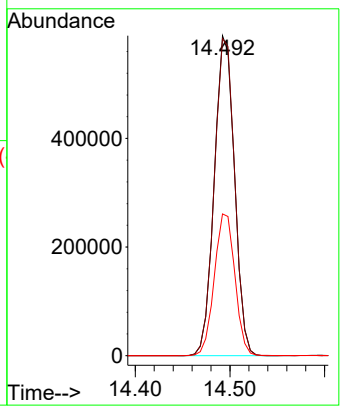


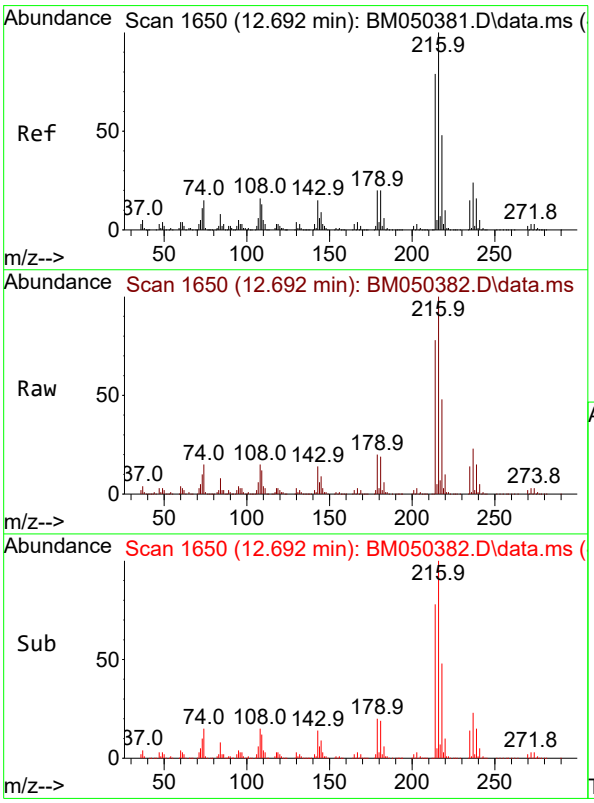
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 874077

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.9	119.9
160	44.3	36.2	54.4

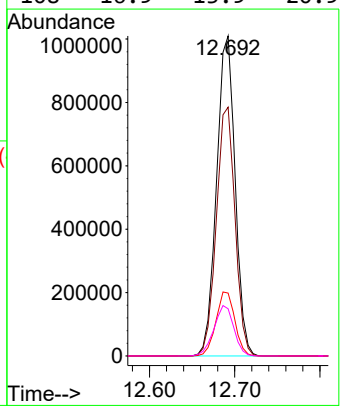


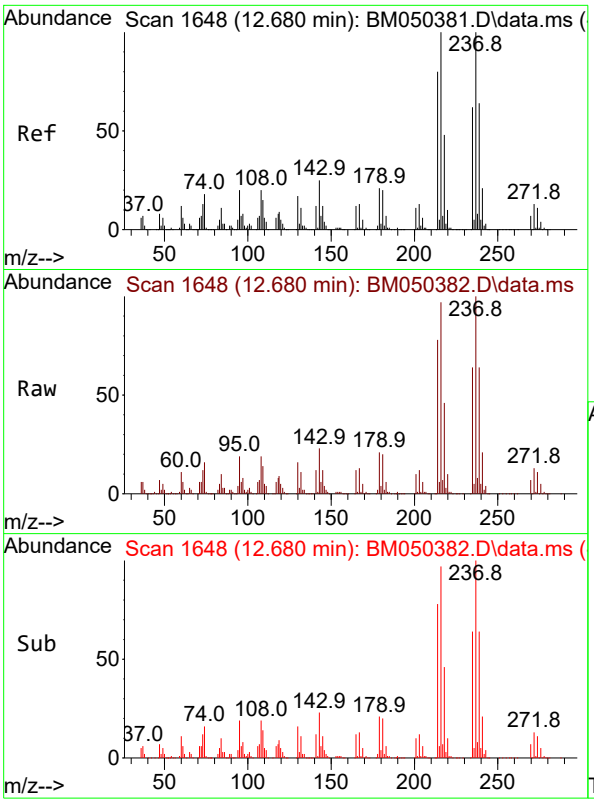


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.004 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:216 Resp: 1528897

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.3	94.9
179	20.4	16.4	24.6
108	16.9	13.9	20.9



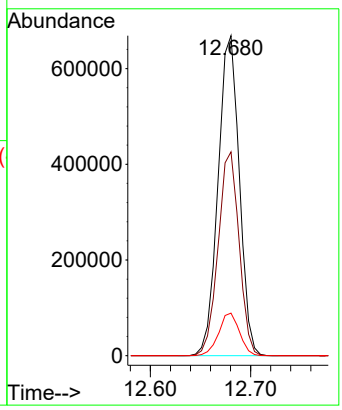


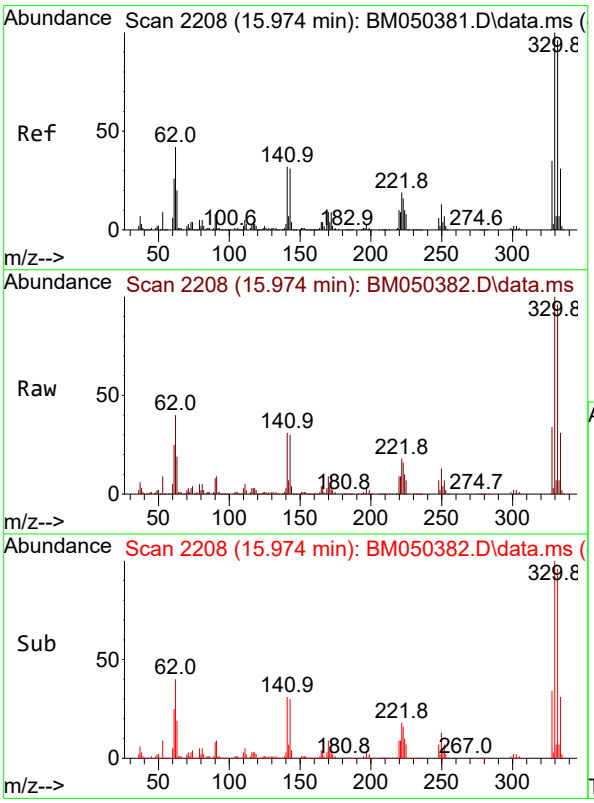
#41
Hexachlorocyclopentadiene
Concen: 55.306 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 982675

Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.3	82.3
272	13.3	0.0	33.0

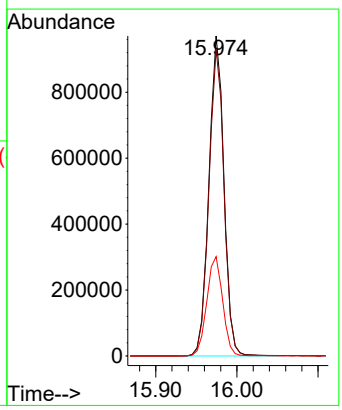


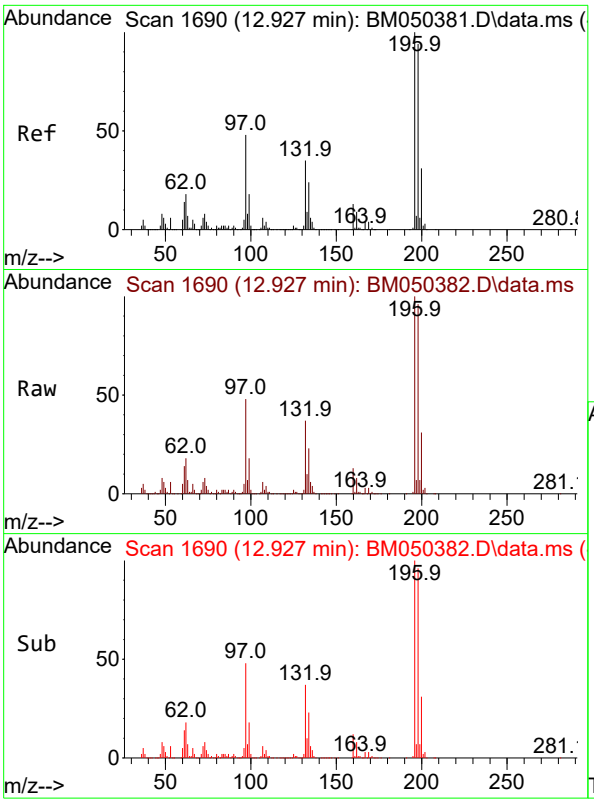


#42
2,4,6-Tribromophenol
Concen: 117.361 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:330 Resp: 1246384

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	32.9	27.4	41.0



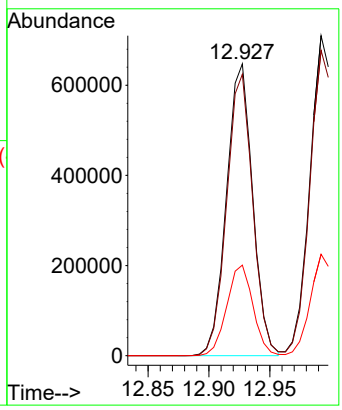


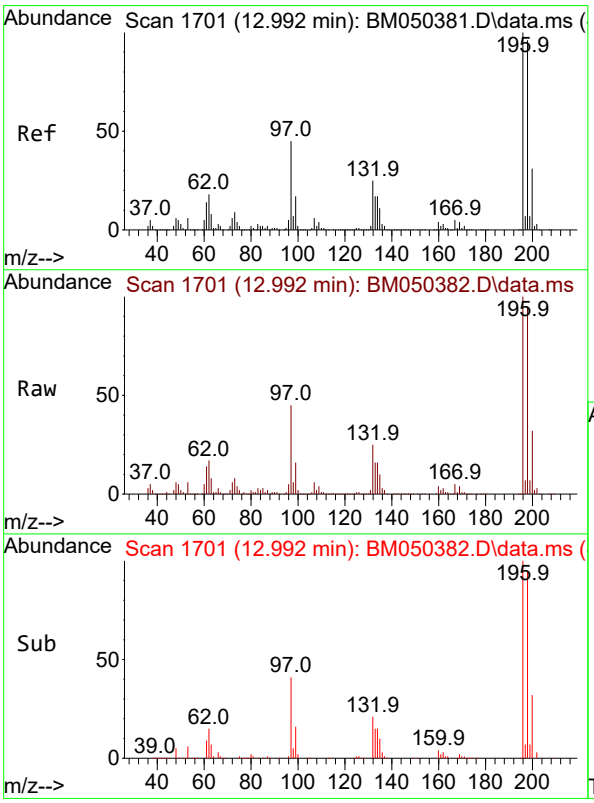
#43
2,4,6-Trichlorophenol
Concen: 56.583 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 968128

Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.1	112.7
200	31.0	24.6	37.0

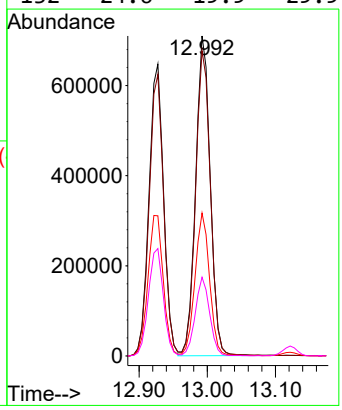


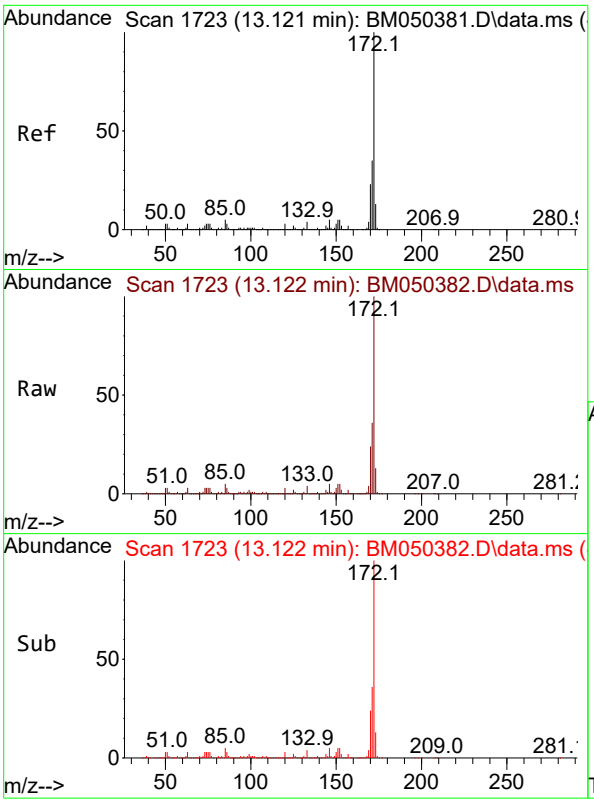


#44
2,4,5-Trichlorophenol
Concen: 56.628 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:196 Resp: 1058158

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.2	115.8
97	44.6	36.2	54.4
132	24.6	19.9	29.9



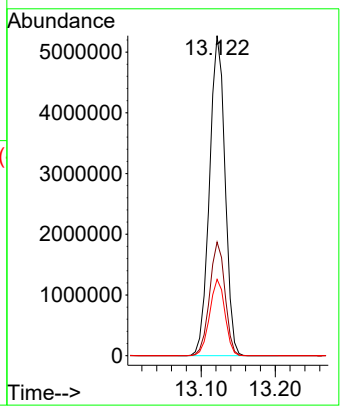


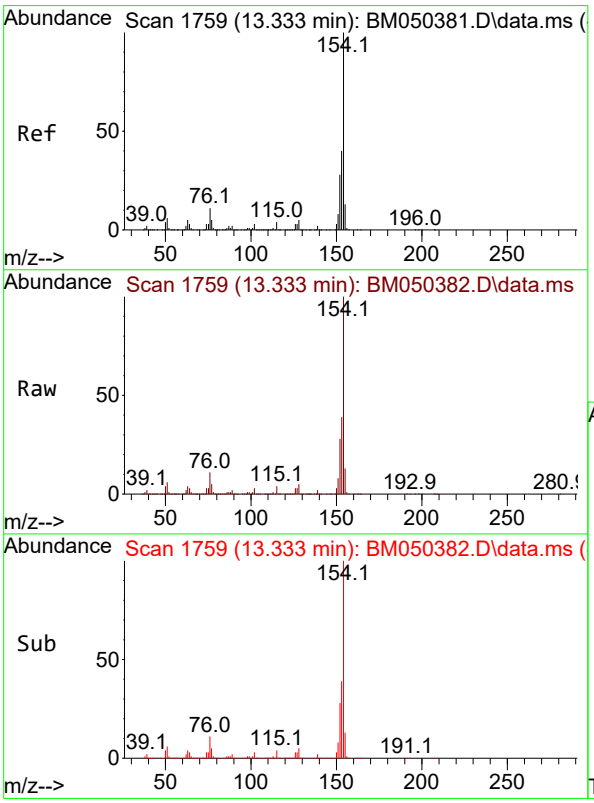
#45
2-Fluorobiphenyl
Concen: 108.218 ng
RT: 13.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 7659625

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.7	41.5
170	23.9	18.8	28.2

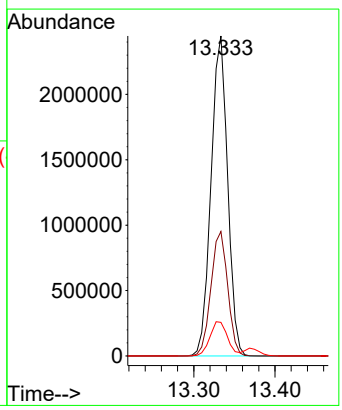


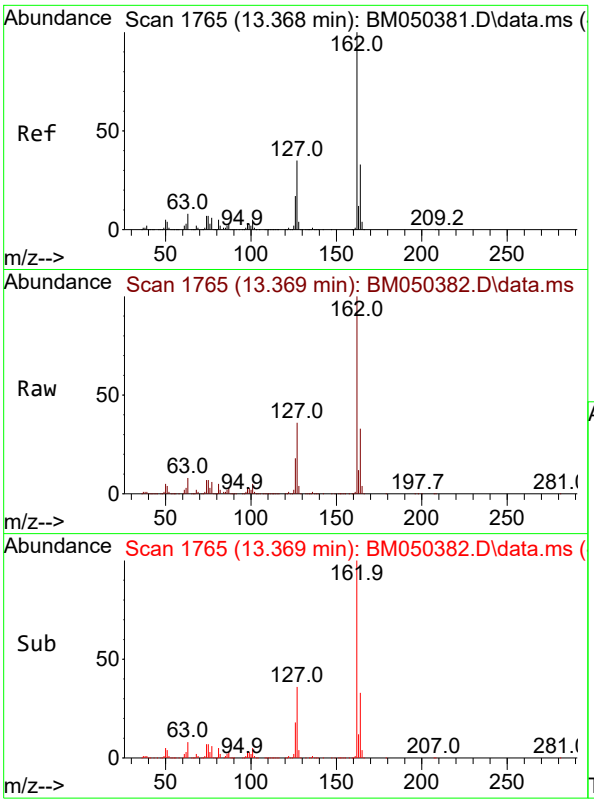


#46
1,1'-Biphenyl
Concen: 53.449 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:154 Resp: 3466190

Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.7	59.7
76	10.5	0.0	30.9



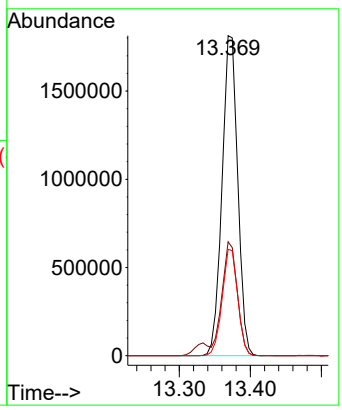


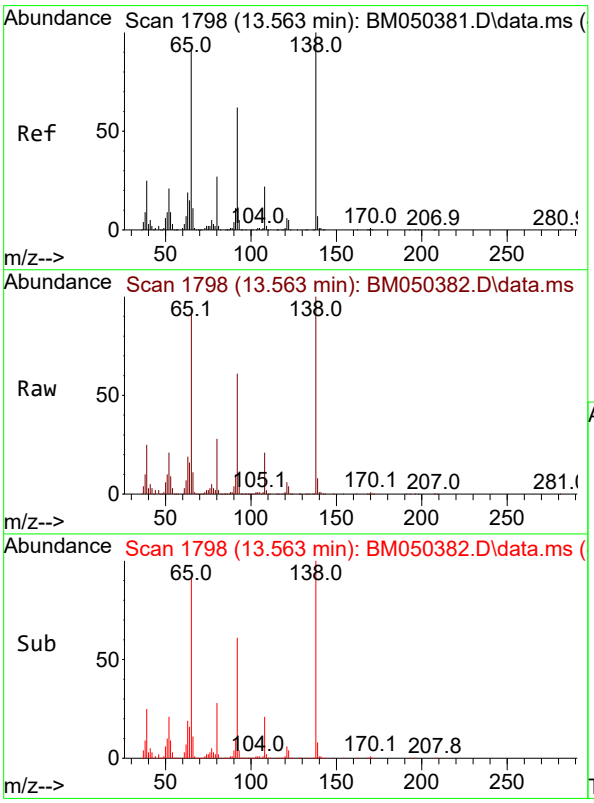
#47
2-Chloronaphthalene
Concen: 53.538 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 2768272

Ion	Ratio	Lower	Upper
162	100		
127	35.6	28.3	42.5
164	33.3	26.6	40.0

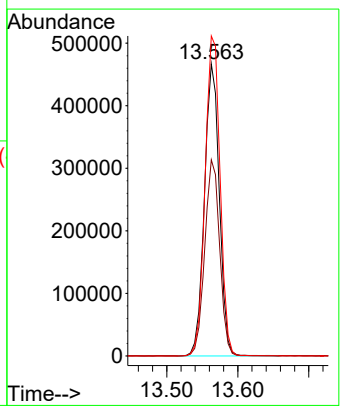


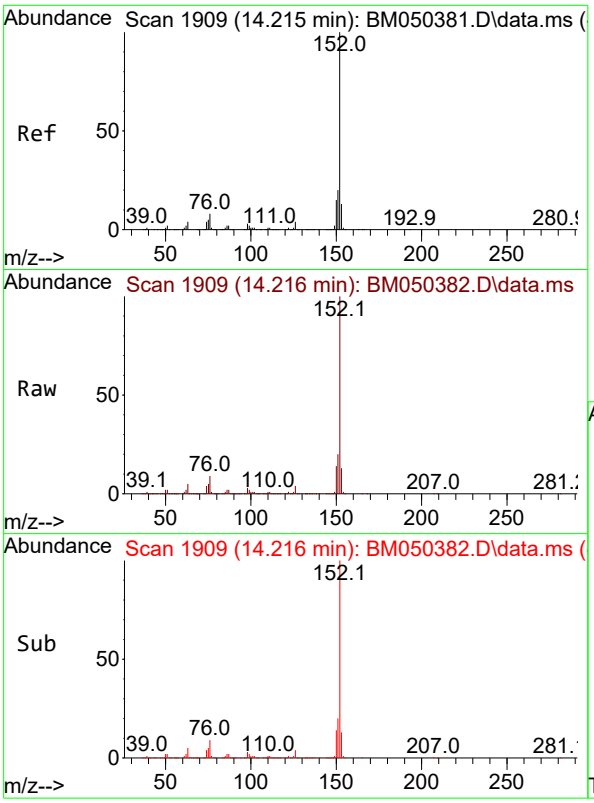


#48
2-Nitroaniline
Concen: 59.115 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 65 Resp: 682263

Ion	Ratio	Lower	Upper
65	100		
92	67.2	54.3	81.5
138	109.6	87.8	131.6



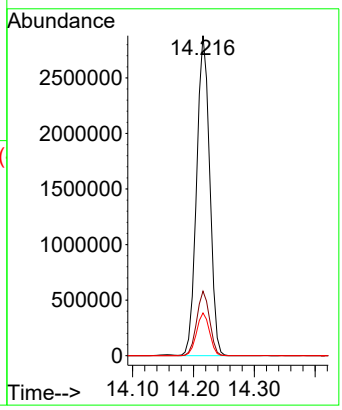


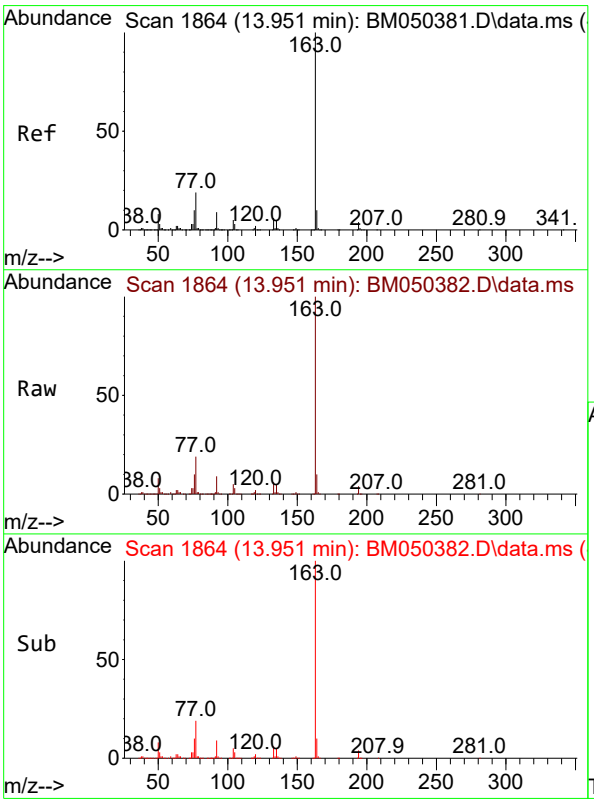
#49
Acenaphthylene
Concen: 54.707 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 4274915

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.4	10.6	15.8

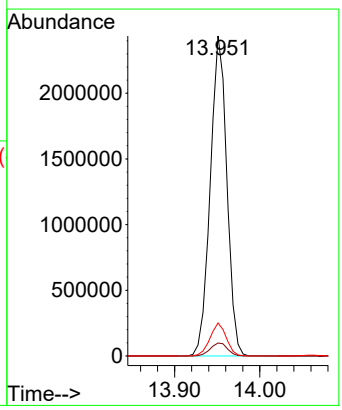


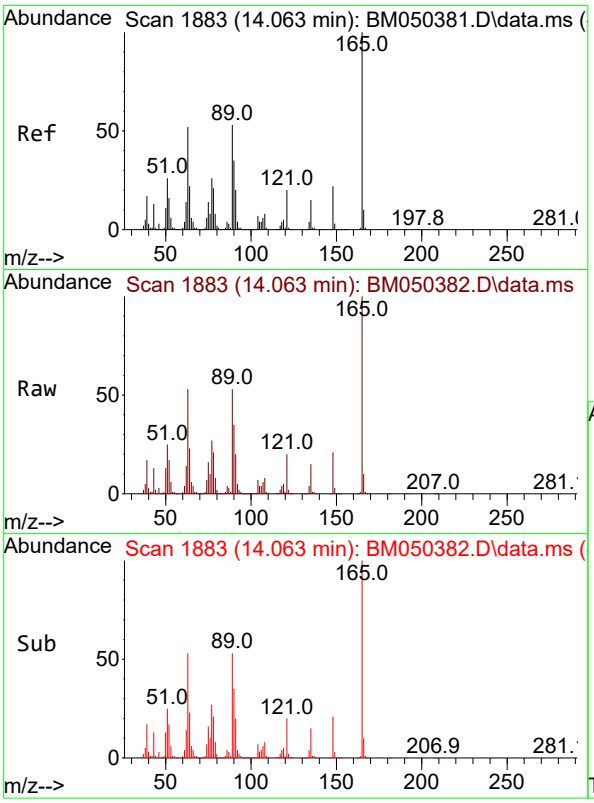


#50
Dimethylphthalate
Concen: 54.681 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:163 Resp: 3290612

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.3	8.2	12.2



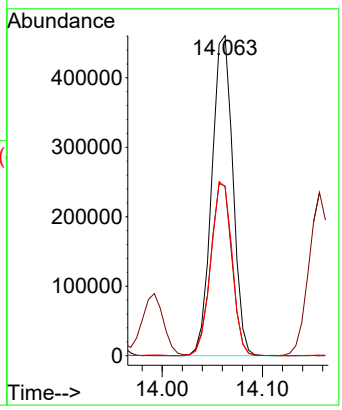


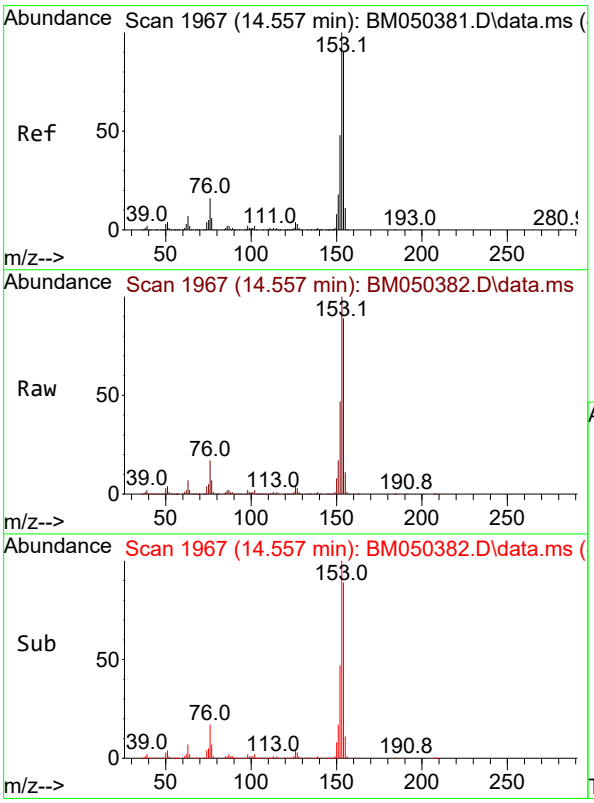
#51
2,6-Dinitrotoluene
Concen: 58.189 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 672335

Ion	Ratio	Lower	Upper
165	100		
63	53.0	42.4	63.6
89	52.8	42.2	63.2

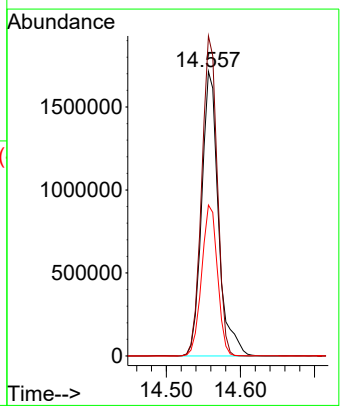


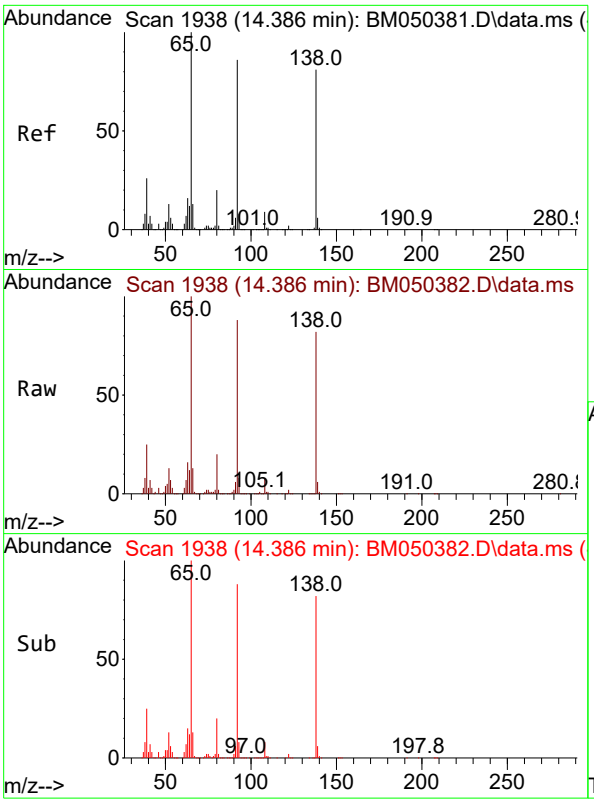


#52
Acenaphthene
Concen: 54.128 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:154 Resp: 2689063

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	53.0	42.6	64.0



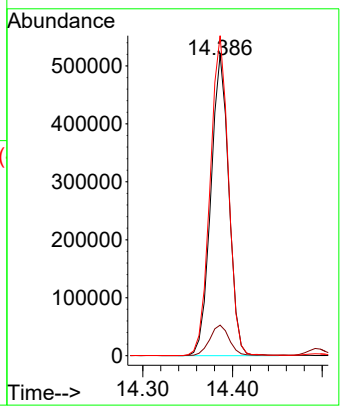


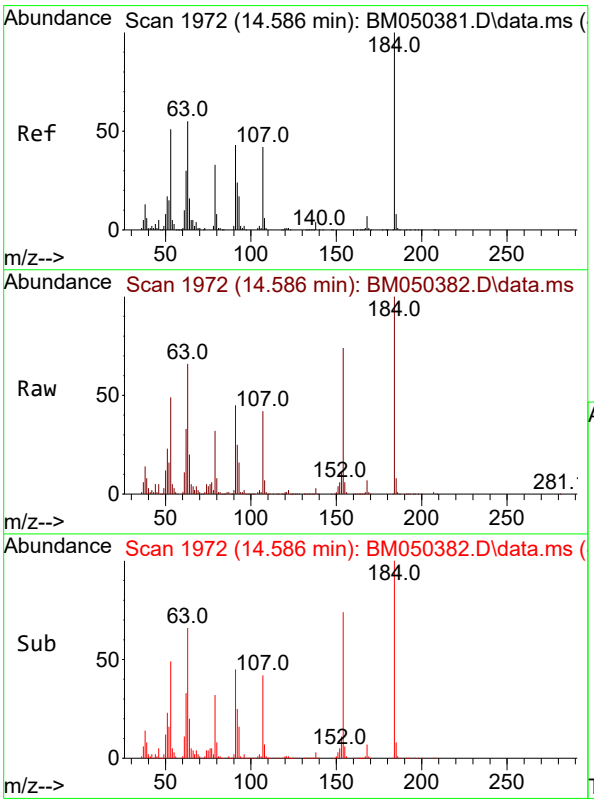
#53
3-Nitroaniline
Concen: 58.770 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 722162

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.8	13.2
92	106.3	85.0	127.6

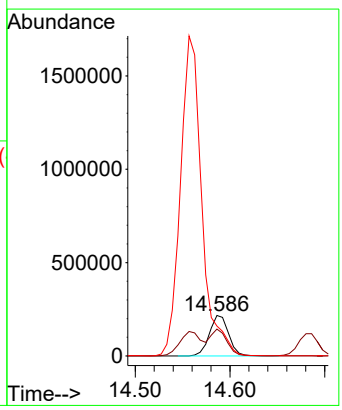


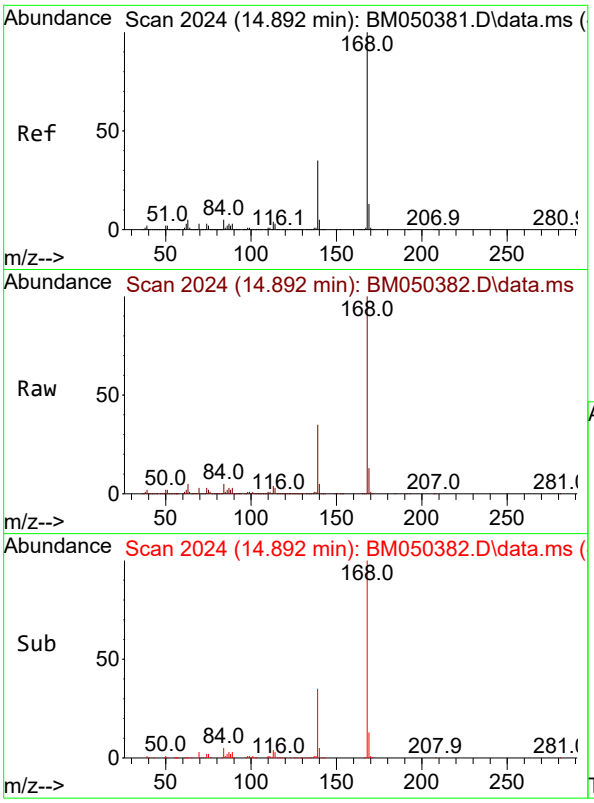


#54
2,4-Dinitrophenol
Concen: 50.427 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:184 Resp: 305096

Ion	Ratio	Lower	Upper
184	100		
63	66.4	53.4	80.0
154	74.1	61.6	92.4



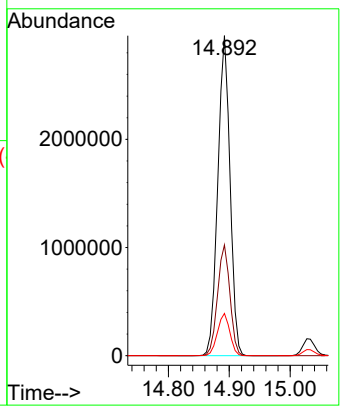


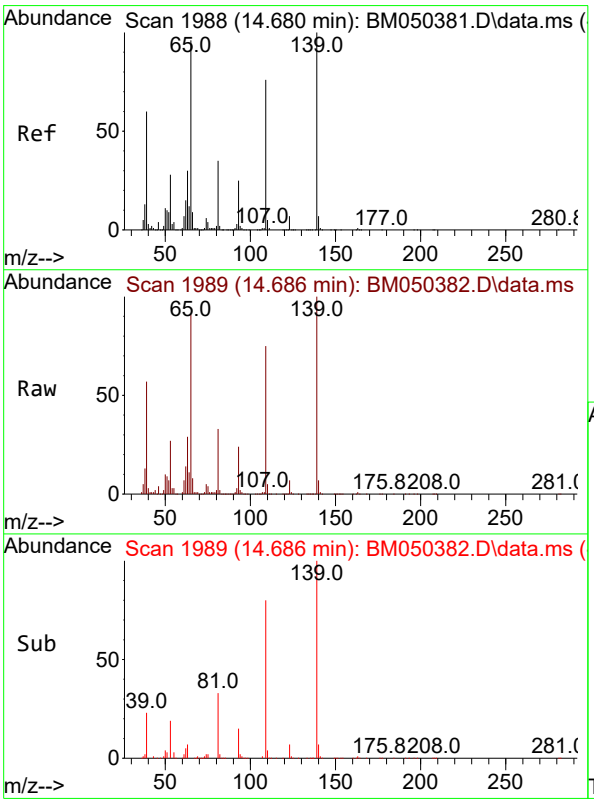
#55
Dibenzofuran
Concen: 53.680 ng
RT: 14.892 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 4109027

Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.7	41.5
169	13.2	10.7	16.1

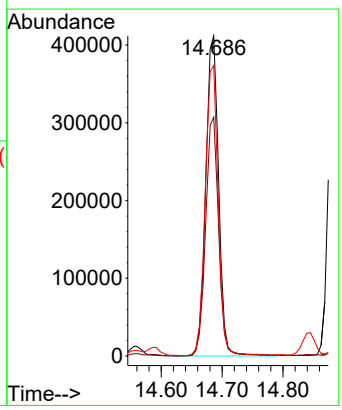


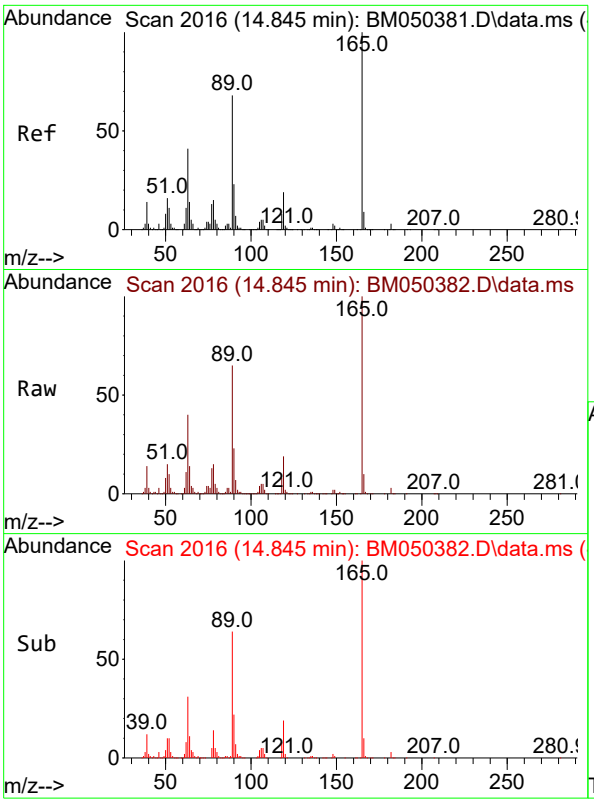


#56
4-Nitrophenol
Concen: 57.060 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:139 Resp: 602964

Ion	Ratio	Lower	Upper
139	100		
109	74.6	56.5	96.5
65	90.7	76.4	116.4



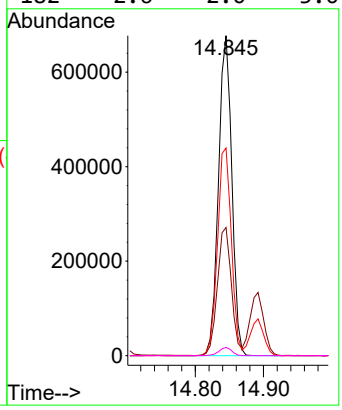


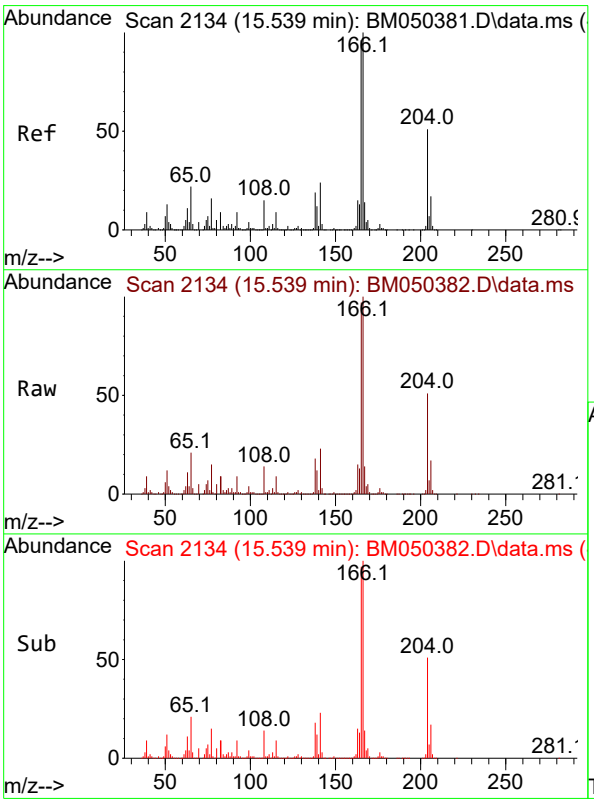
#57
2,4-Dinitrotoluene
Concen: 53.047 ng
RT: 14.845 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 922804

Ion	Ratio	Lower	Upper
165	100		
63	40.1	32.5	48.7
89	64.9	54.0	81.0
182	2.6	2.0	3.0

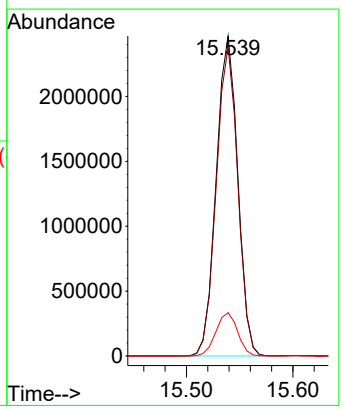


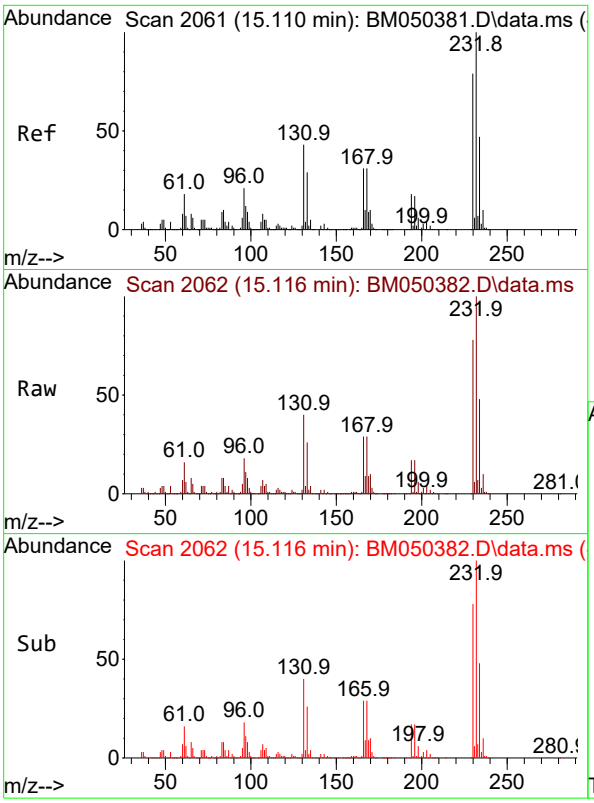


#58
Fluorene
Concen: 54.837 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:166 Resp: 3457484

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.0	115.6
167	13.5	10.9	16.3



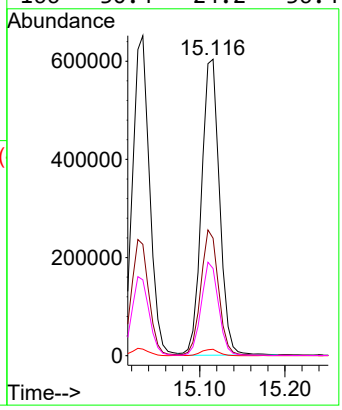


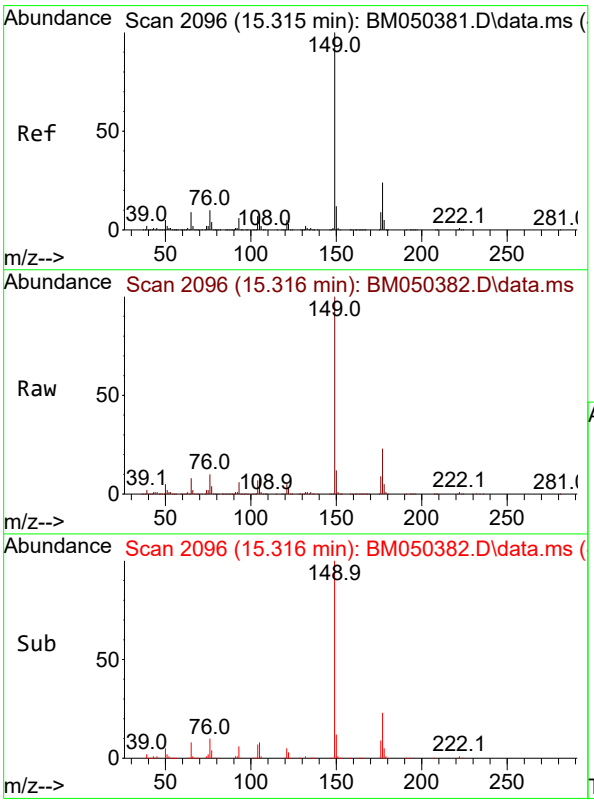
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.275 ng
RT: 15.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 885196

Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.4	50.0
130	2.2	1.8	2.6
166	30.4	24.2	36.4

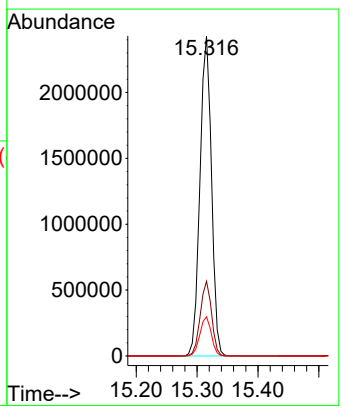


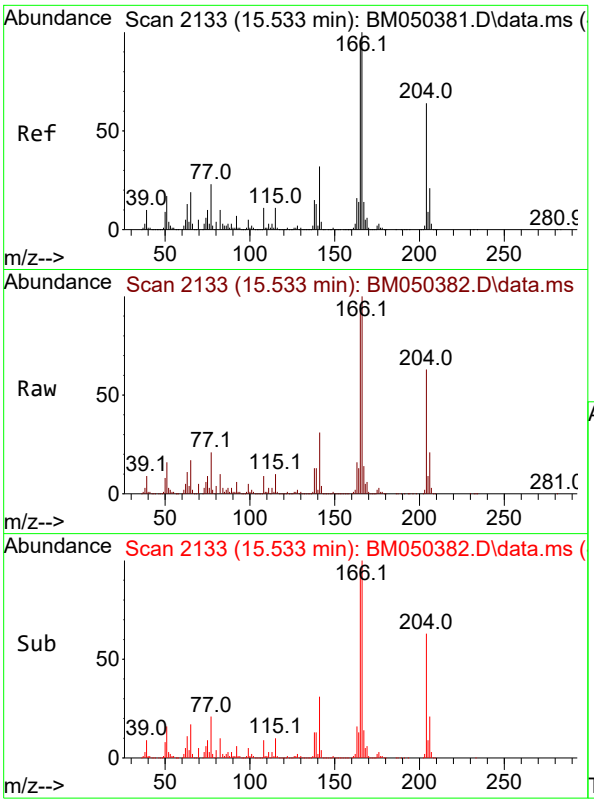


#60
Diethylphthalate
Concen: 55.265 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 3176896

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.8	28.2
150	12.3	9.8	14.8



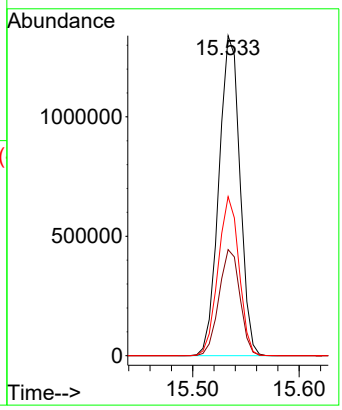


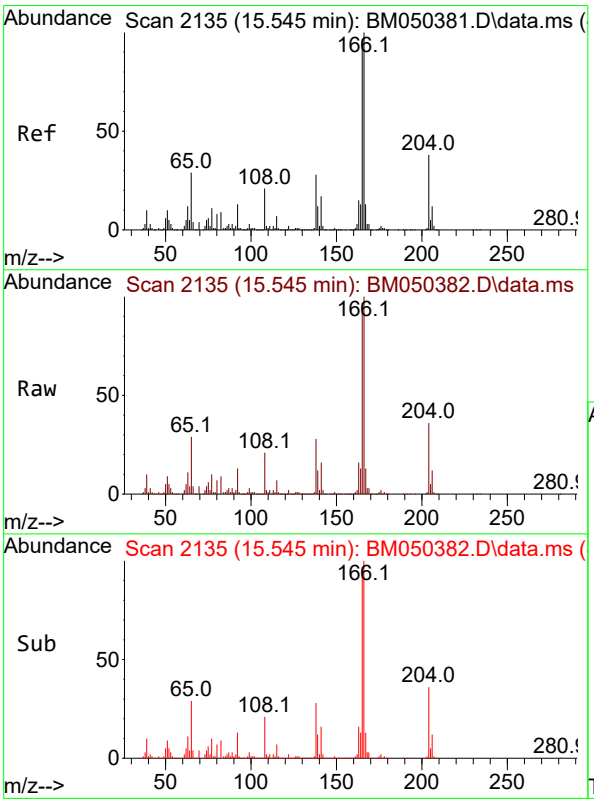
#61
4-Chlorophenyl-phenylether
Concen: 55.637 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1834247

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	49.7	39.9	59.9

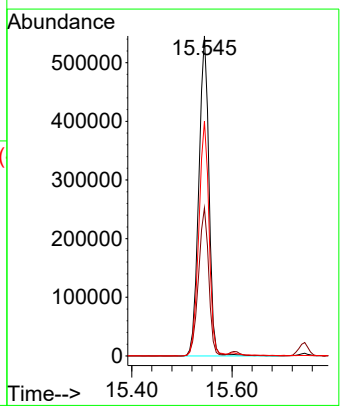


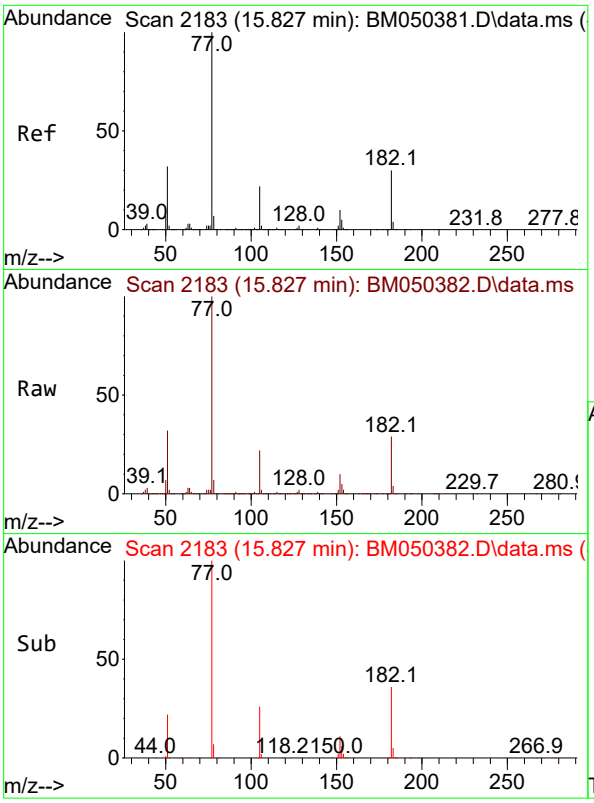


#62
4-Nitroaniline
Concen: 53.869 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:138 Resp: 765716

Ion	Ratio	Lower	Upper
138	100		
92	46.2	24.5	64.5
108	73.4	52.5	92.5



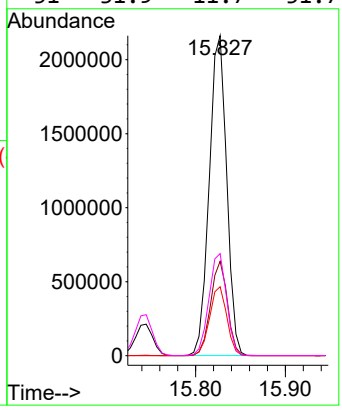


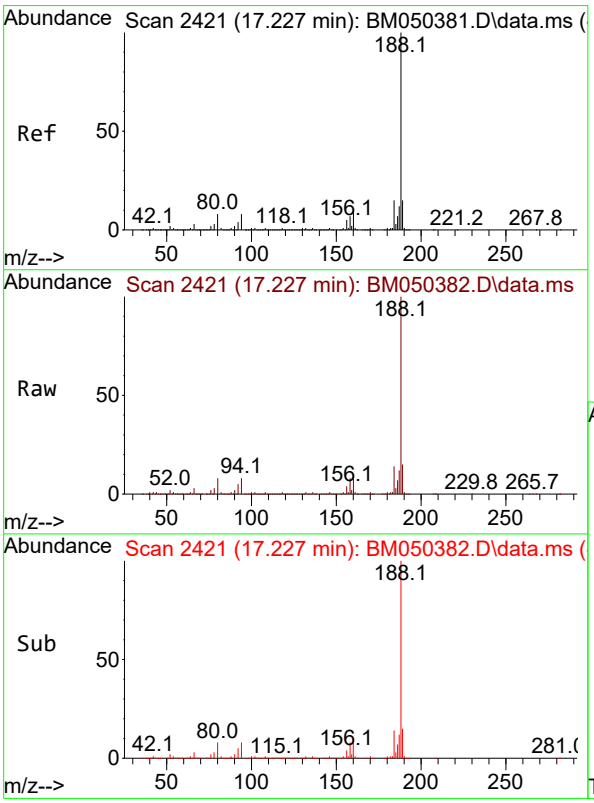
#63
Azobenzene
Concen: 55.274 ng
RT: 15.827 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 2917647

Ion	Ratio	Lower	Upper
77	100		
182	29.5	10.0	50.0
105	21.6	2.0	42.0
51	31.9	11.7	51.7

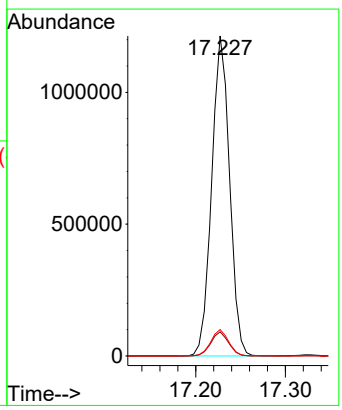


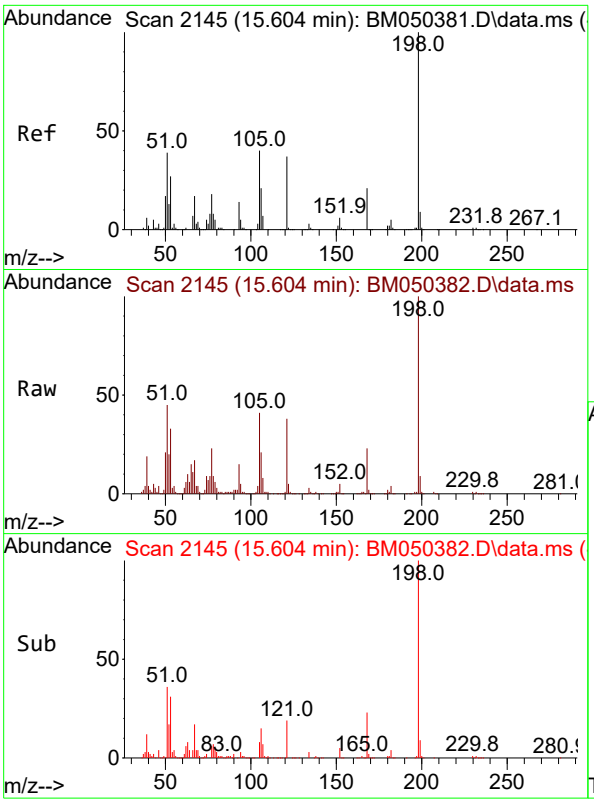


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:188 Resp: 1680679

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.3	6.5	9.7



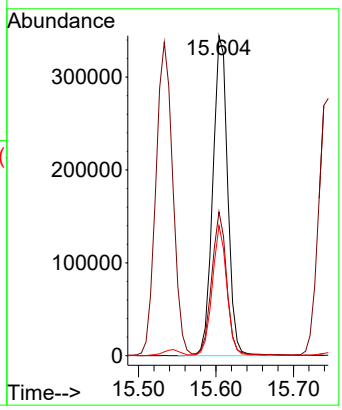


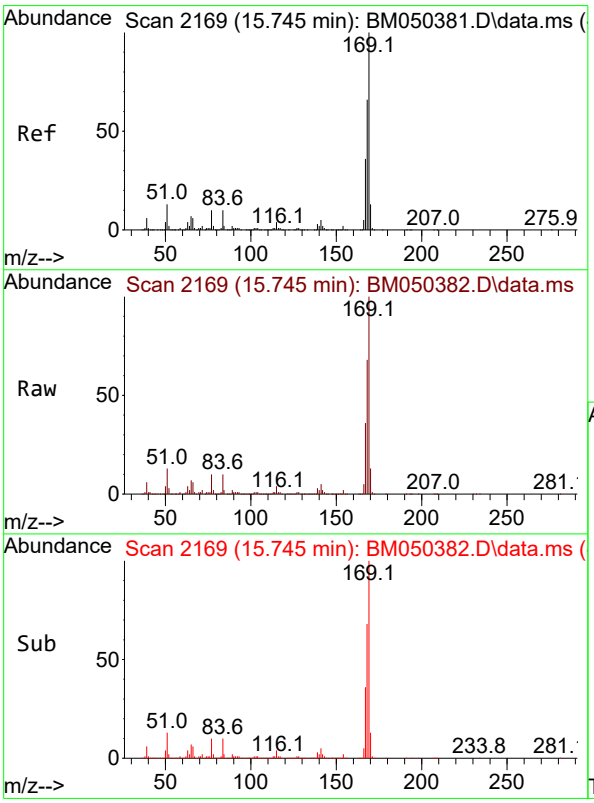
#65
4,6-Dinitro-2-methylphenol
Concen: 50.395 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 458700

Ion	Ratio	Lower	Upper
198	100		
51	45.0	26.6	66.6
105	40.6	20.9	60.9

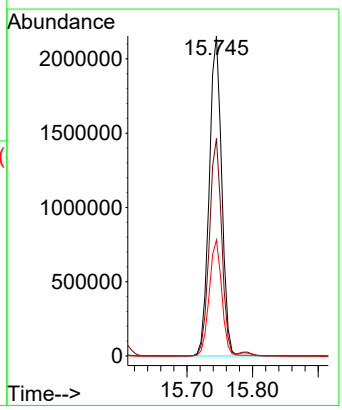


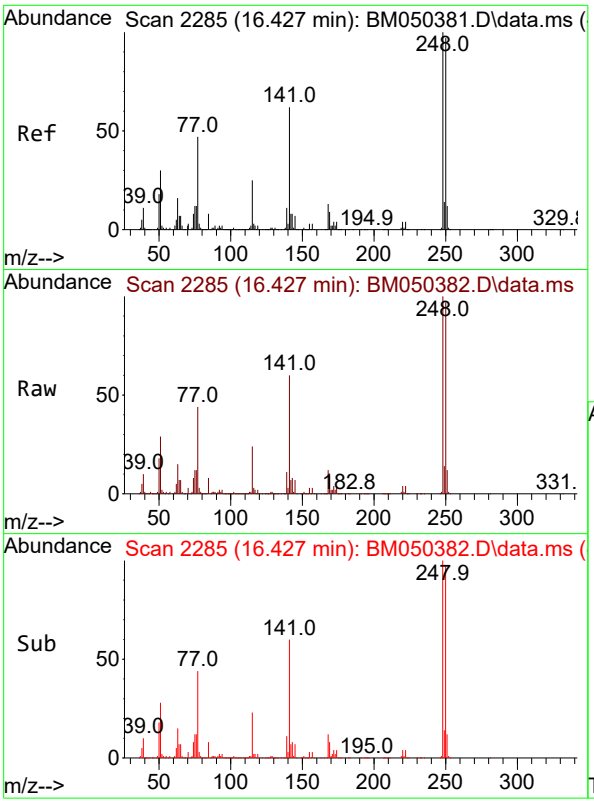


#66
n-Nitrosodiphenylamine
Concen: 54.137 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:169 Resp: 2847134

Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.2	79.8
167	36.3	28.7	43.1



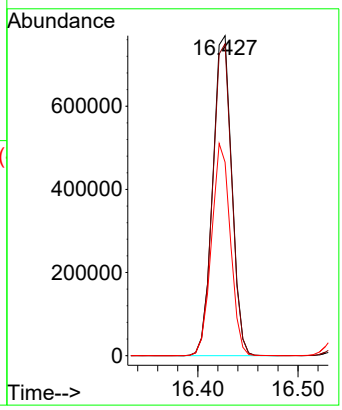


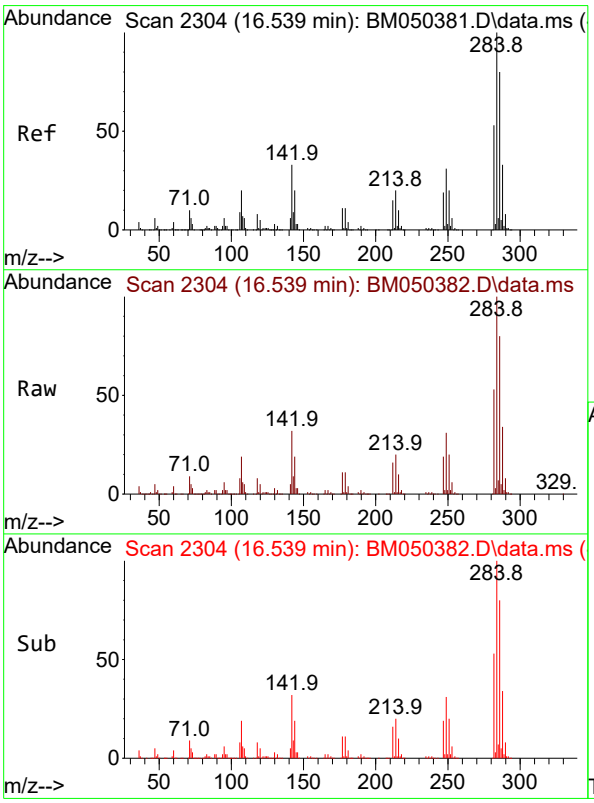
#67
4-Bromophenyl-phenylether
Concen: 54.881 ng
RT: 16.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 1016241

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	60.5	49.7	74.5

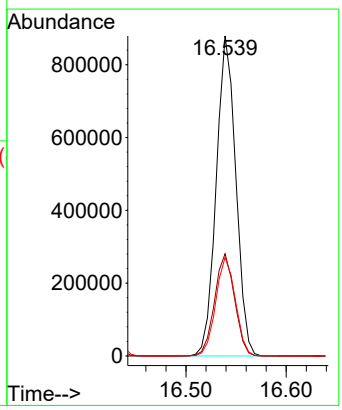


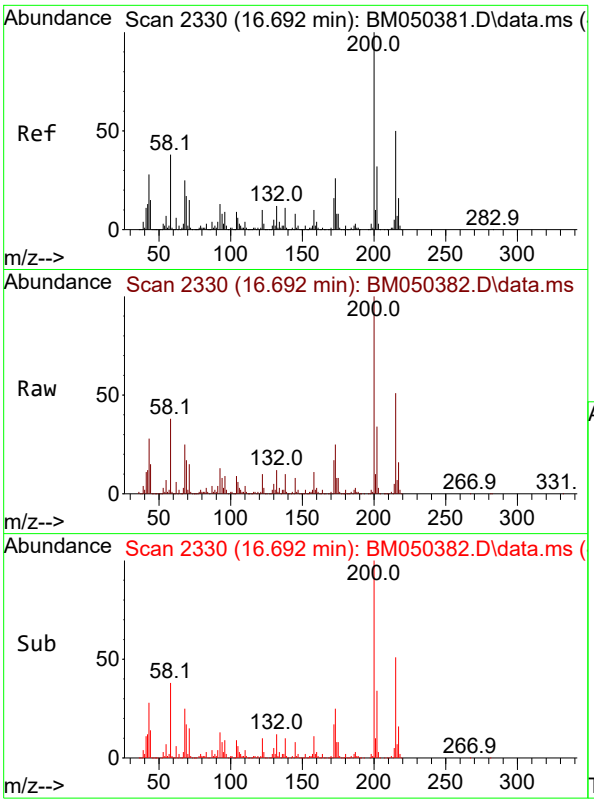


#68
Hexachlorobenzene
Concen: 54.420 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:284 Resp: 1190183

Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.8	40.2
249	30.8	24.5	36.7



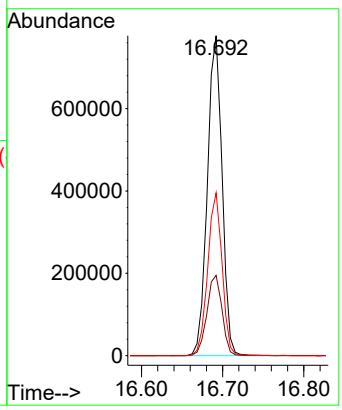


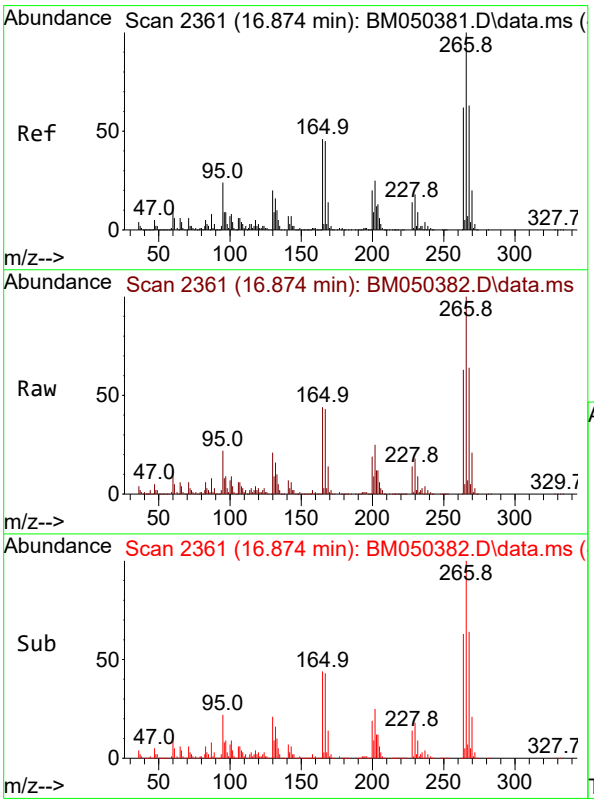
#69
Atrazine
Concen: 56.502 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 975743

Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.6	45.6
215	50.9	29.6	69.6

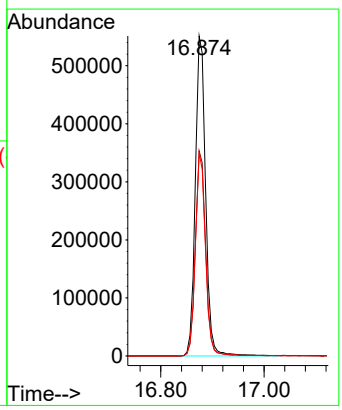


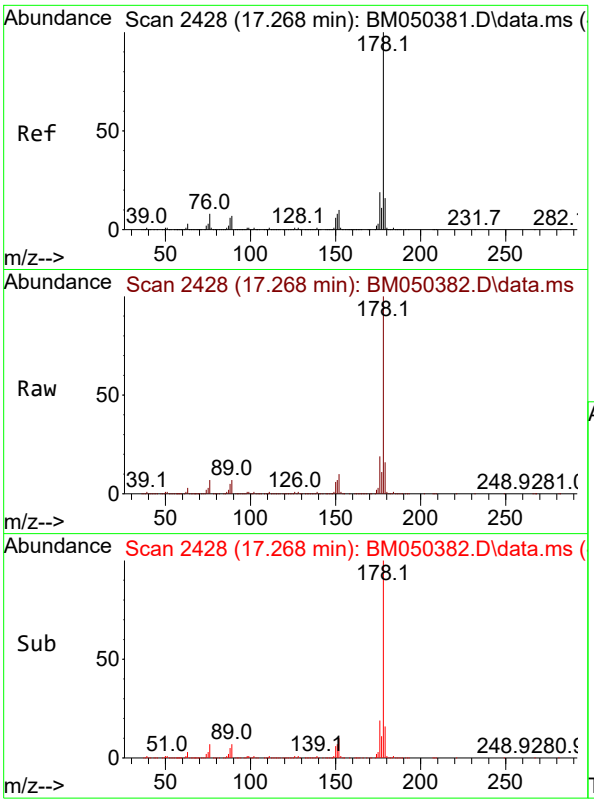


#70
Pentachlorophenol
Concen: 55.986 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:266 Resp: 762216

Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.5	75.7
264	63.4	49.9	74.9



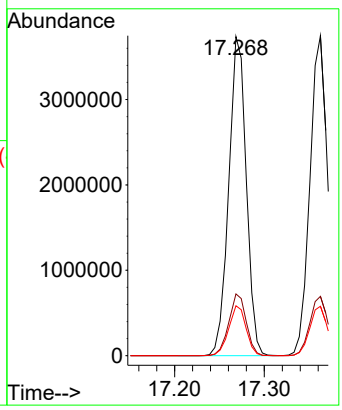


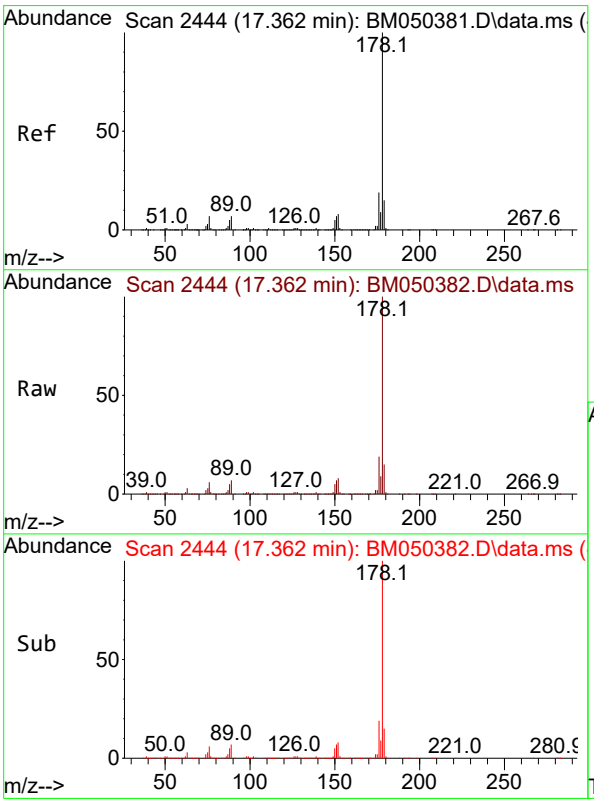
#71
Phenanthrene
Concen: 53.293 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 5068282

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.6	12.5	18.7

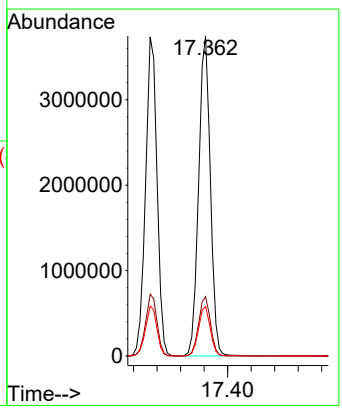


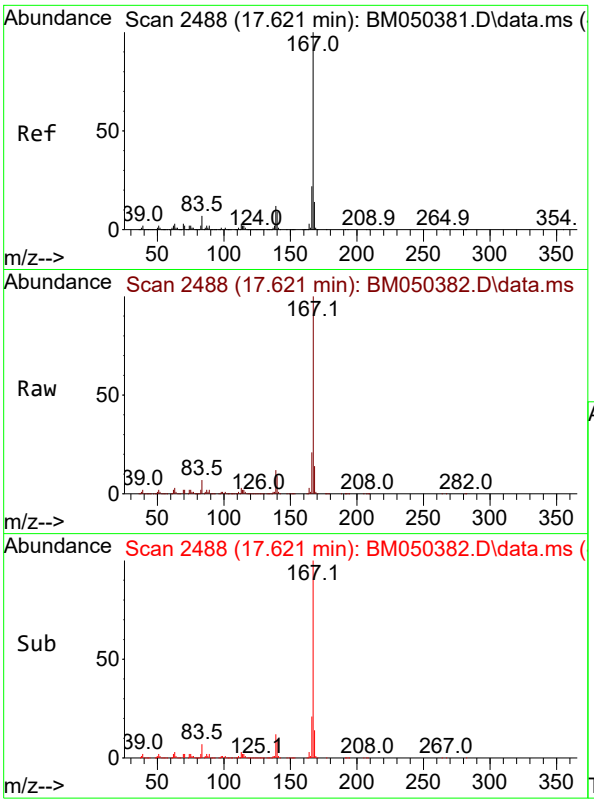


#72
Anthracene
Concen: 54.717 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:178 Resp: 5179830

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	12.2	18.4



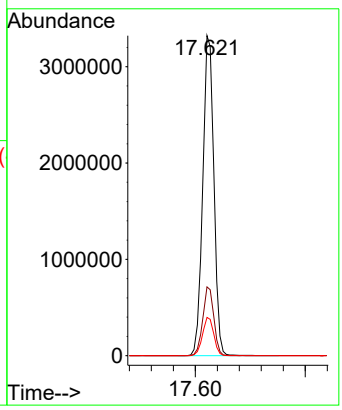


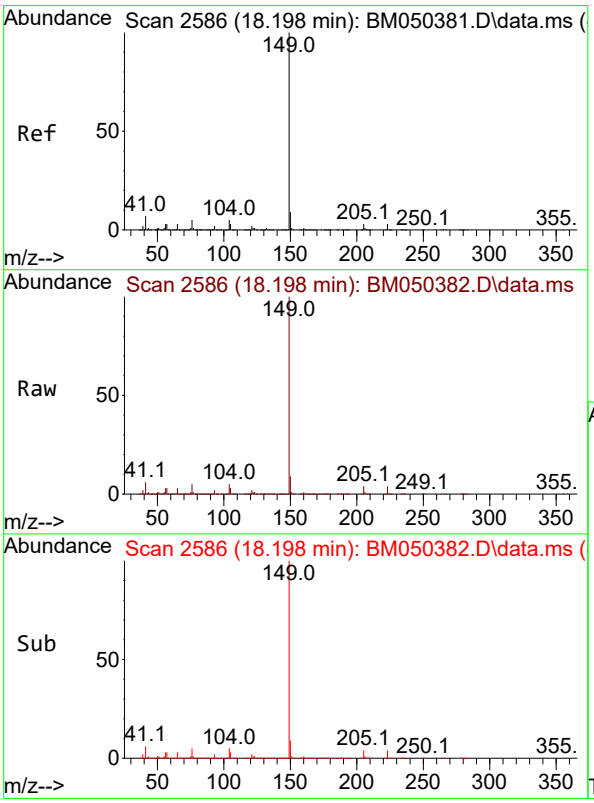
#73
Carbazole
Concen: 54.372 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 4657232

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.0	9.9	14.9

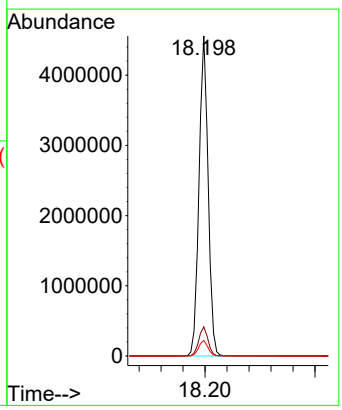


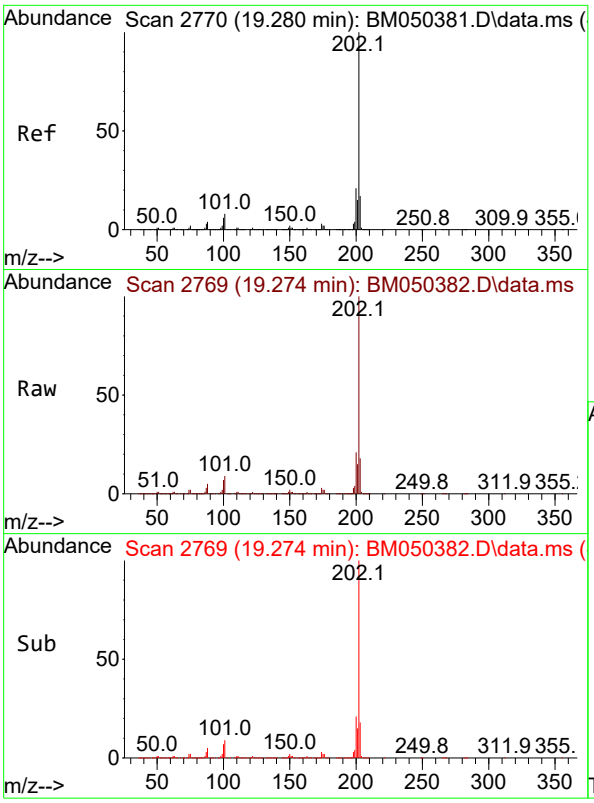


#74
Di-n-butylphthalate
Concen: 56.091 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 5258750

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.8	3.9	5.9



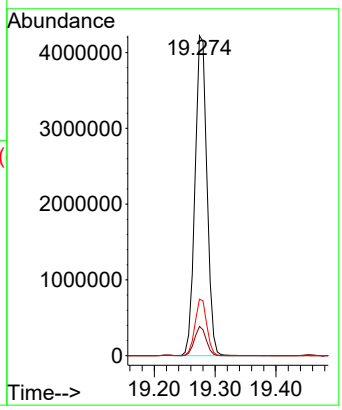


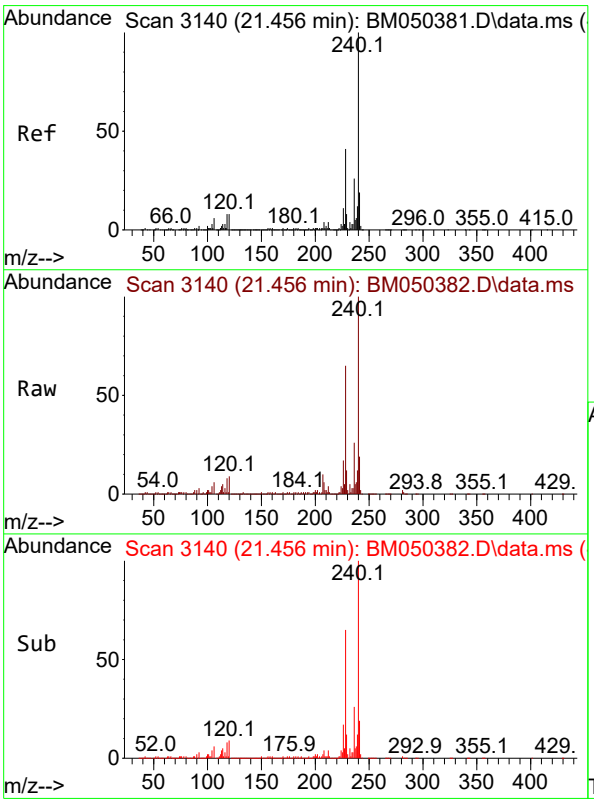
#75
Fluoranthene
Concen: 55.500 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 5737944

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.3
203	17.7	0.0	37.2

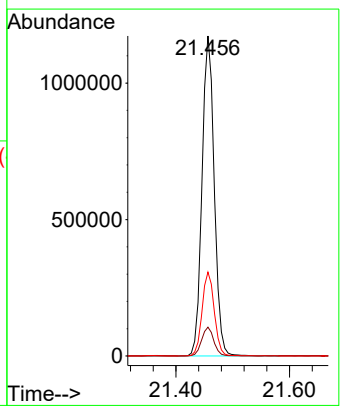


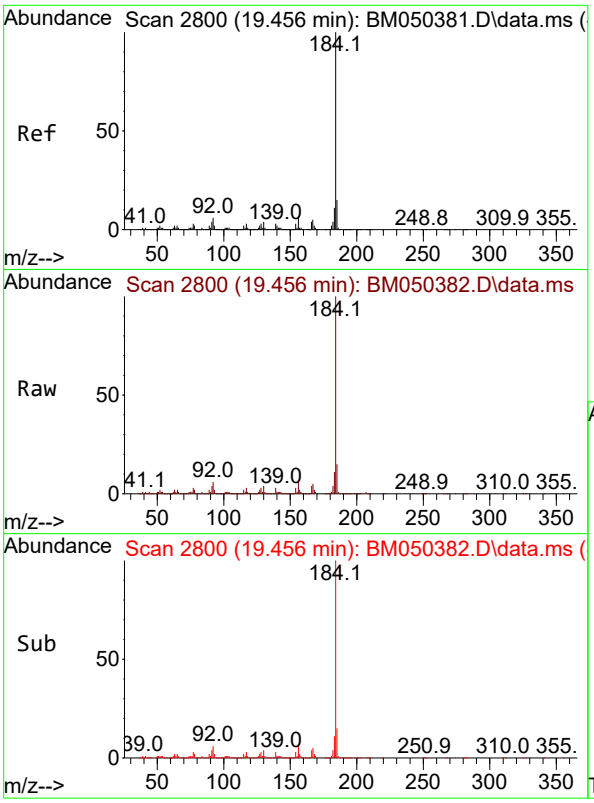


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:240 Resp: 1747476

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.7	10.1
236	26.2	20.7	31.1



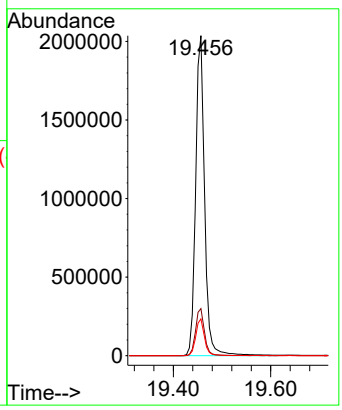


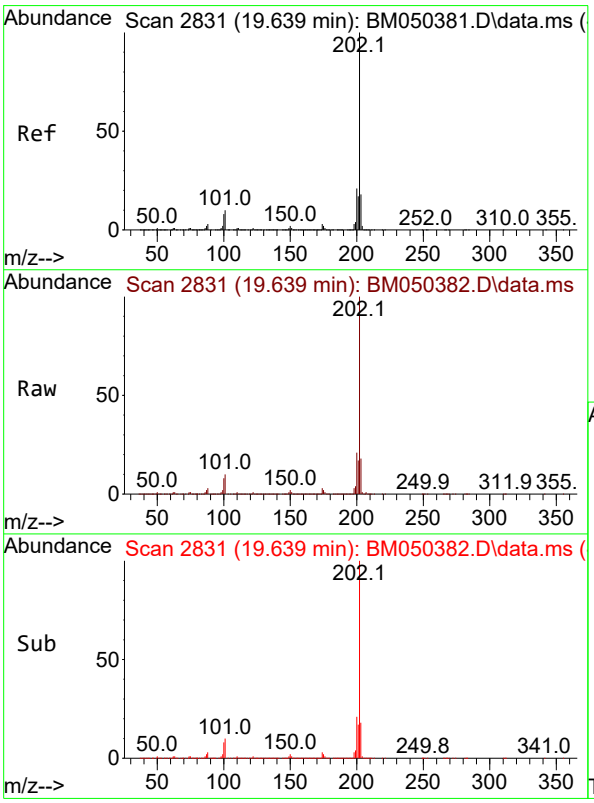
#77
Benzidine
Concen: 58.920 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 2626171

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	11.5	9.0	13.6

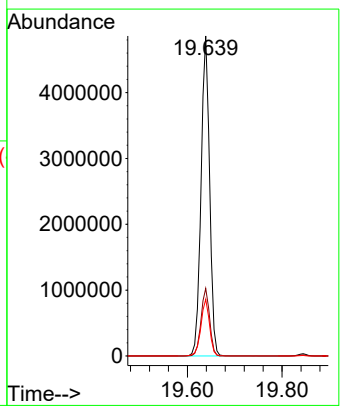


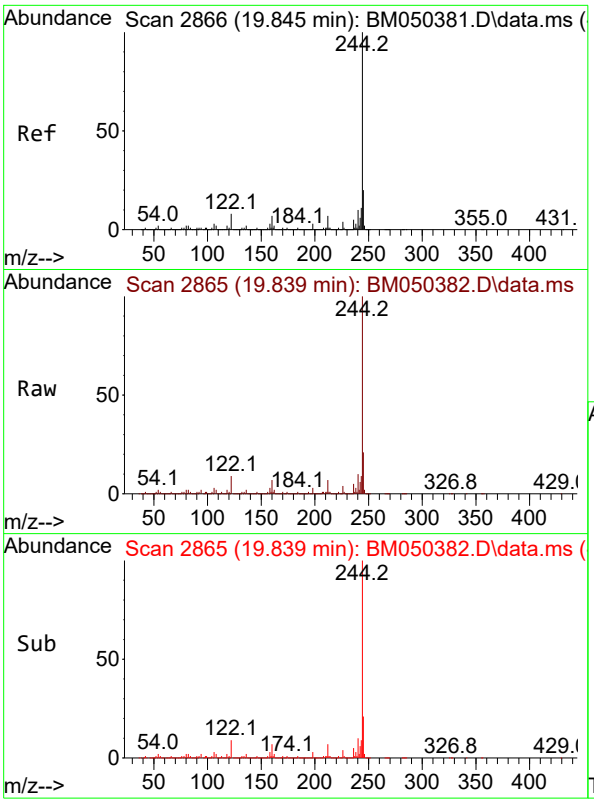


#78
Pyrene
Concen: 54.187 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:202 Resp: 6064476

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.7	14.1	21.1



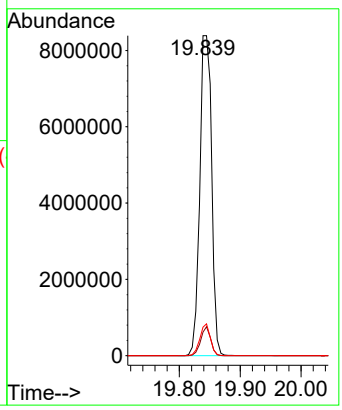


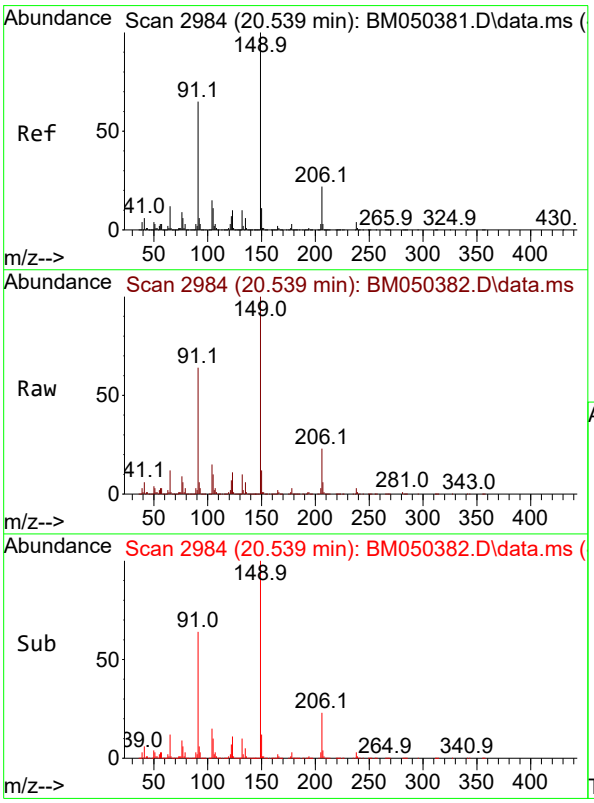
#79
Terphenyl-d14
Concen: 114.147 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp:11336982

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	8.9	6.2	9.2

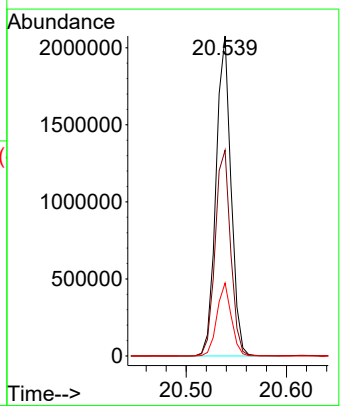


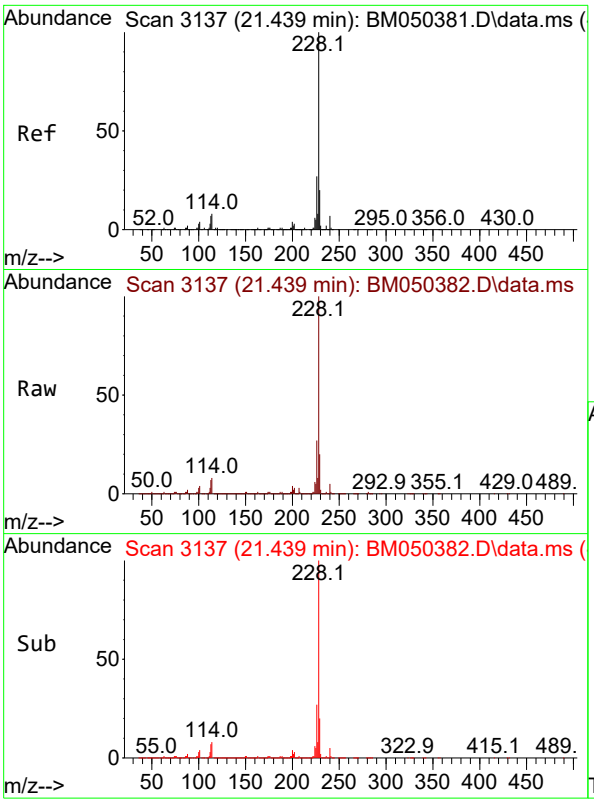


#80
Butylbenzylphthalate
Concen: 58.284 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 2150816

Ion	Ratio	Lower	Upper
149	100		
91	64.3	51.6	77.4
206	22.8	17.8	26.8



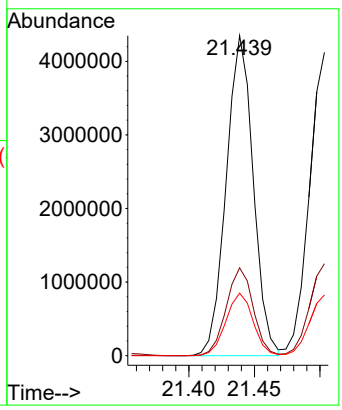


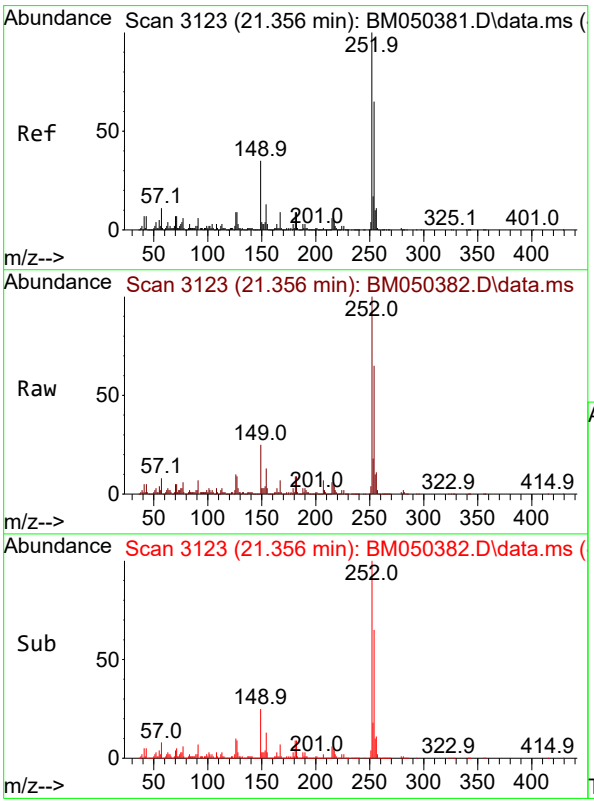
#81
Benzo(a)anthracene
Concen: 54.793 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 6238737

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.6	16.0	24.0

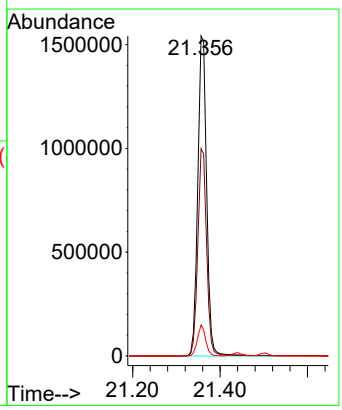


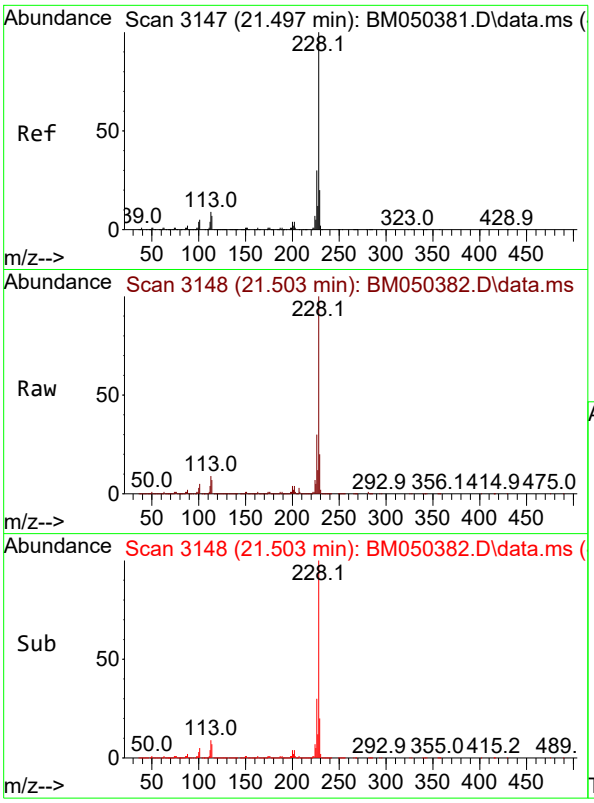


#82
3,3'-Dichlorobenzidine
Concen: 56.690 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:252 Resp: 2176770

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	9.6	7.3	10.9



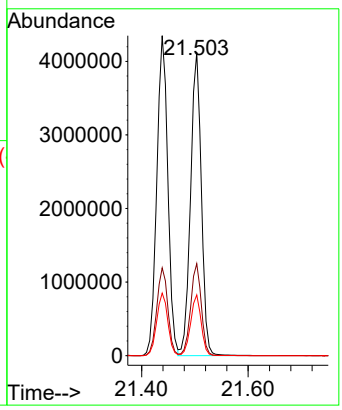


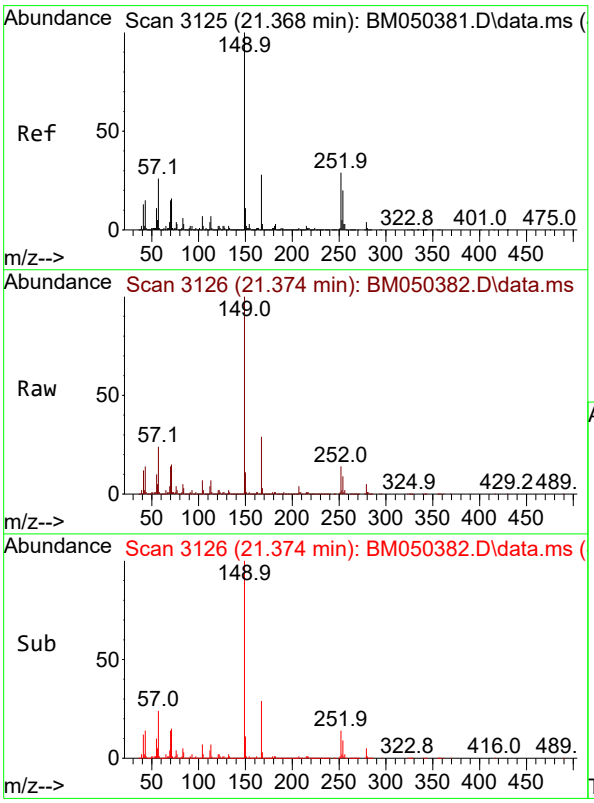
#83
Chrysene
Concen: 53.988 ng
RT: 21.503 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 5797980

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	20.1	15.8	23.6

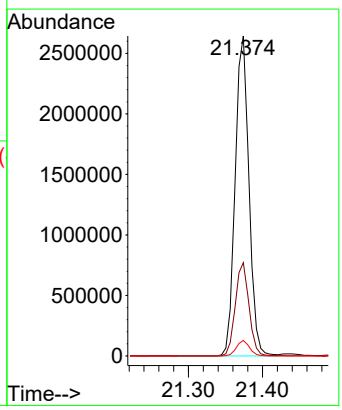


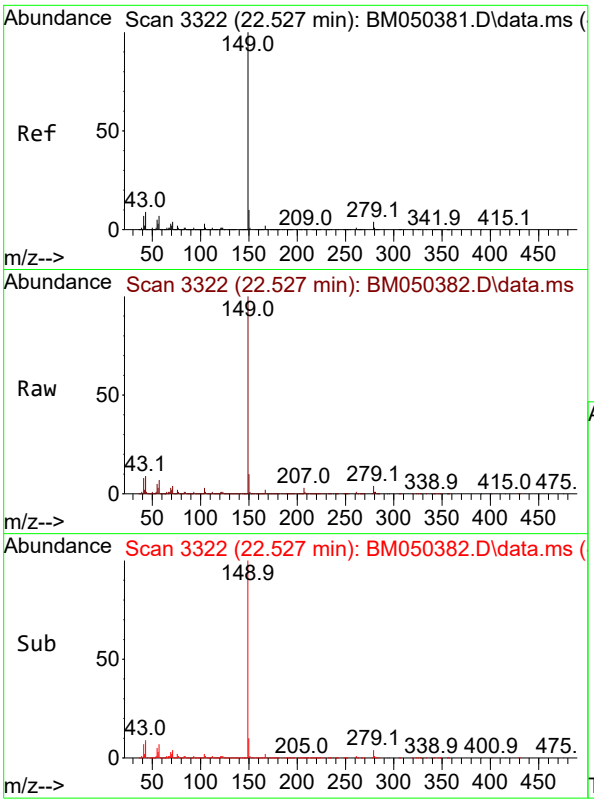


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.166 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 3407481

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.7	34.1
279	4.9	3.5	5.3



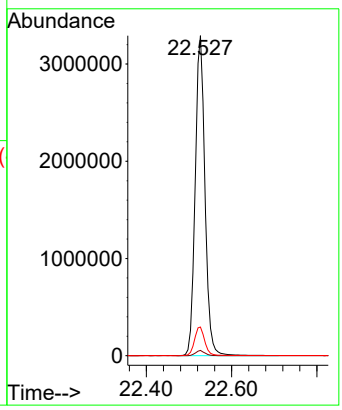


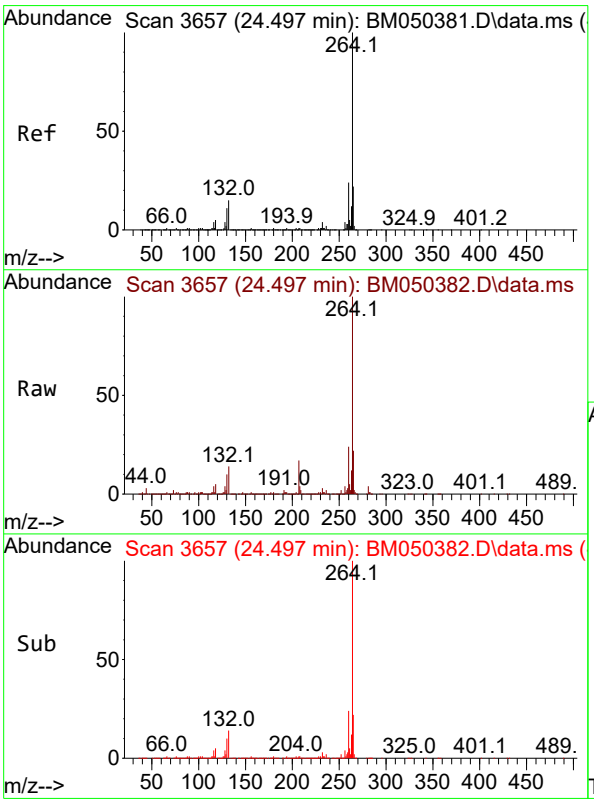
#85
Di-n-octyl phthalate
Concen: 56.816 ng
RT: 22.527 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 5213026

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.7	11.5

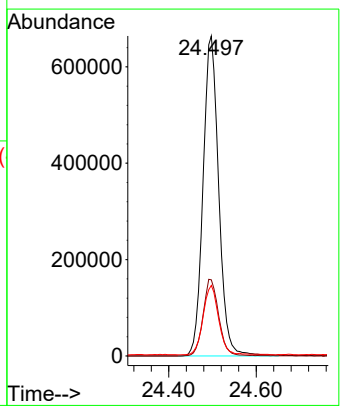


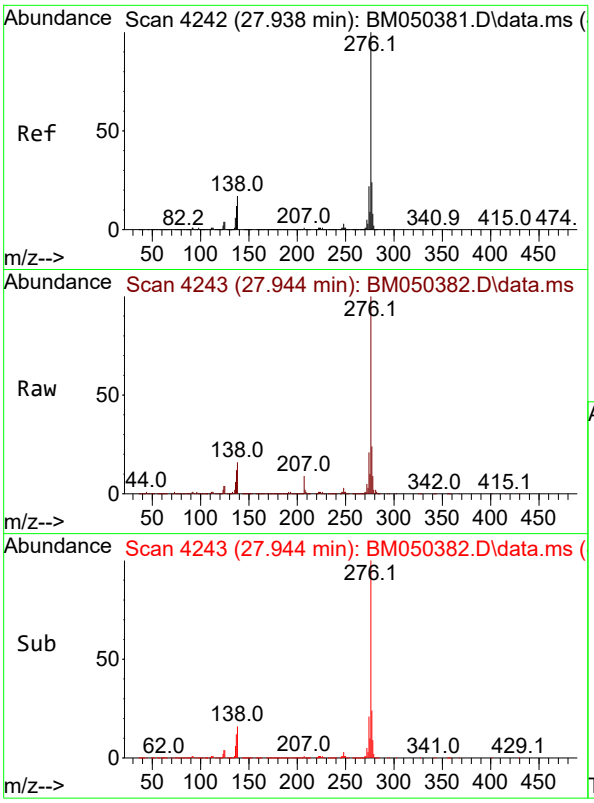


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:264 Resp: 1657543

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.8	26.6



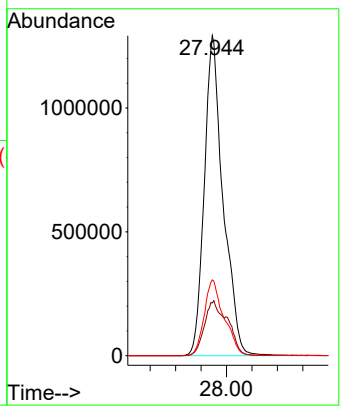


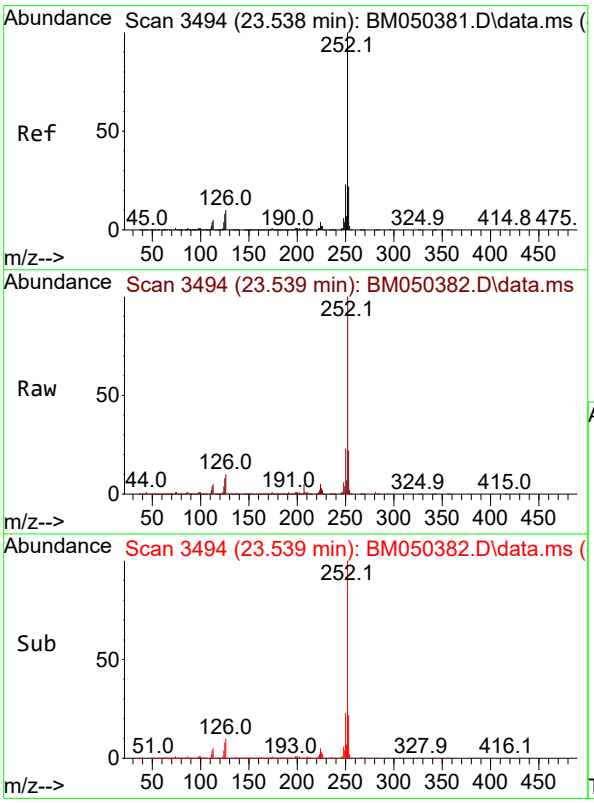
#87
Indeno(1,2,3-cd)pyrene
Concen: 56.349 ng
RT: 27.944 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 6640722

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.6
277	24.9	20.0	30.0

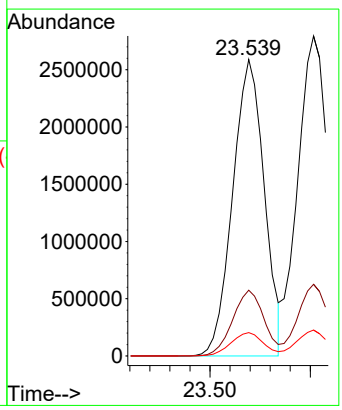


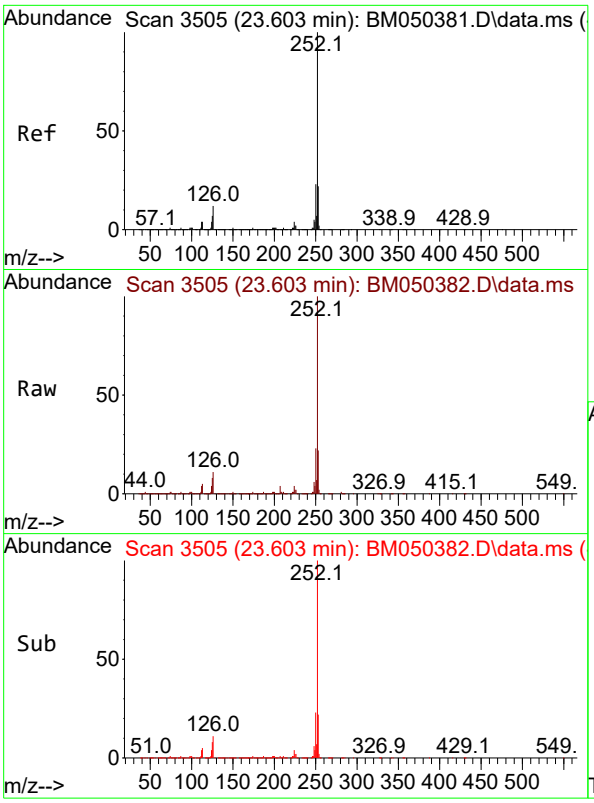


#88
Benzo(b)fluoranthene
Concen: 55.588 ng
RT: 23.539 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:252 Resp: 5667484

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.9	6.3	9.5



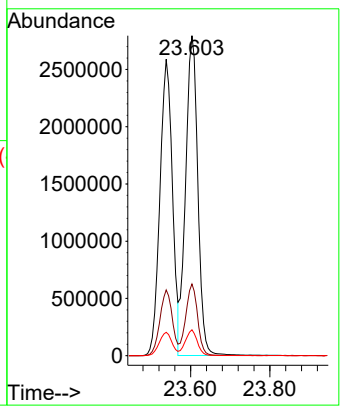


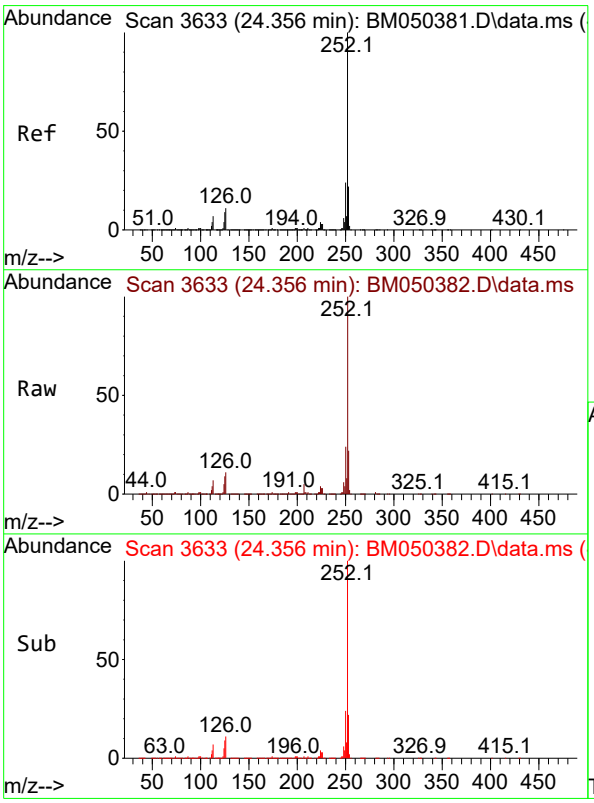
#89
Benzo(k)fluoranthene
Concen: 56.568 ng
RT: 23.603 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 5984419

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	8.1	6.2	9.2

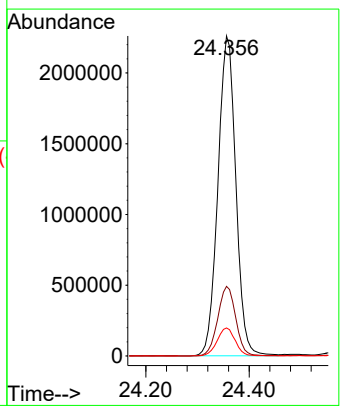


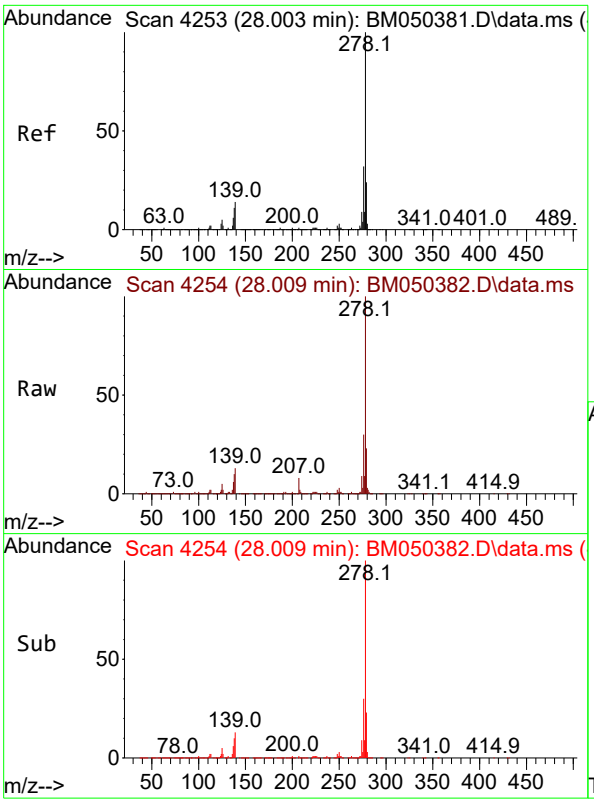


#90
Benzo(a)pyrene
Concen: 57.054 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:252 Resp: 5445326

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.7	7.0	10.4



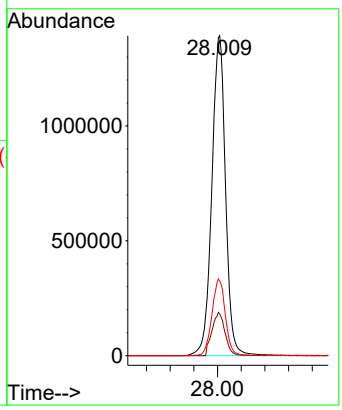


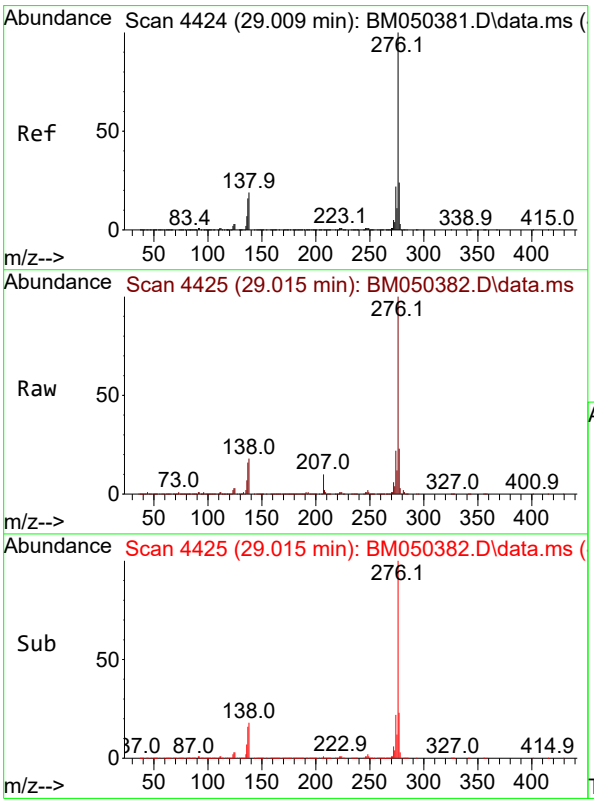
#91
Dibenzo(a,h)anthracene
Concen: 56.460 ng
RT: 28.009 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 5603613

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.8	16.2
279	23.4	19.4	29.0

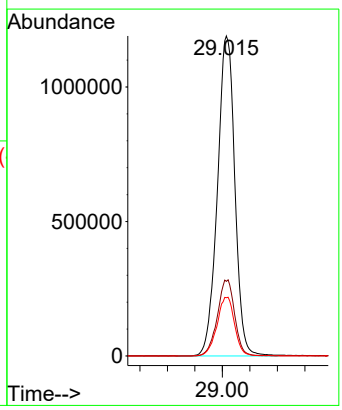




#92
Benzo(g,h,i)perylene
Concen: 55.817 ng
RT: 29.015 min Scan# 4425
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:276 Resp: 5235761

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	18.2	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	406200	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1566187	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	998713	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1896999	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1968054	20.000	ng	0.00
86) Perylene-d12	24.497	264	1889317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2930103	124.166	ng	0.00
7) Phenol-d6	7.028	99	3771036	126.766	ng	0.00
23) Nitrobenzene-d5	9.022	82	3898203	126.983	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1680132	138.460	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	10167533	125.724	ng	0.00
79) Terphenyl-d14	19.839	244	12914894	115.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	578083	59.574	ng	99
3) Pyridine	3.734	79	1558687	61.184	ng	98
4) n-Nitrosodimethylamine	3.640	42	725301	61.070	ng	98
6) Aniline	7.193	93	2421019	63.416	ng	99
8) 2-Chlorophenol	7.428	128	1585370	63.712	ng	99
9) Benzaldehyde	7.004	77	845390	47.768	ng	99
10) Phenol	7.051	94	1946908	62.748	ng	99
11) bis(2-Chloroethyl)ether	7.287	93	1544784	62.169	ng	99
12) 1,3-Dichlorobenzene	7.757	146	1841011	60.846	ng	98
13) 1,4-Dichlorobenzene	7.904	146	1874083	60.660	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1809670	61.182	ng	99
15) Benzyl Alcohol	8.098	79	1328453	63.380	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	2219161	60.631	ng	100
17) 2-Methylphenol	8.304	107	1277440	63.479	ng	98
18) Hexachloroethane	8.951	117	678042	62.403	ng	99
19) n-Nitroso-di-n-propyla...	8.675	70	1180119	65.485	ng	96
20) 3+4-Methylphenols	8.634	107	1697411	62.832	ng	98
22) Acetophenone	8.687	105	2408904	61.517	ng	98
24) Nitrobenzene	9.063	77	1702957	62.165	ng	99
25) Isophorone	9.592	82	3190767	64.054	ng	99
26) 2-Nitrophenol	9.775	139	783612	70.186	ng	97
27) 2,4-Dimethylphenol	9.834	122	1490764	62.749	ng	98
28) bis(2-Chloroethoxy)met...	10.075	93	2048832	62.070	ng	99
29) 2,4-Dichlorophenol	10.310	162	1570701	64.353	ng	98
30) 1,2,4-Trichlorobenzene	10.528	180	1810982	62.024	ng	99
31) Naphthalene	10.716	128	4834692	60.775	ng	100
32) Benzoic acid	9.975	122	912053	60.734	ng	99
33) 4-Chloroaniline	10.810	127	2130451	63.348	ng	99
34) Hexachlorobutadiene	11.010	225	1123283	63.032	ng	99
35) Caprolactam	11.598	113	438205	65.768	ng	95
36) 4-Chloro-3-methylphenol	11.939	107	1472646	64.612	ng	98
37) 2-Methylnaphthalene	12.322	142	3153595	62.784	ng	98
38) 1-Methylnaphthalene	12.539	142	3322331	62.500	ng	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	2046472	64.436	ng	99
41) Hexachlorocyclopentadiene	12.680	237	1359023	66.942	ng	99
43) 2,4,6-Trichlorophenol	12.928	196	1299719	66.483	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1407280	65.913	ng	98
46) 1,1'-Biphenyl	13.333	154	4574537	61.736	ng	100
47) 2-Chloronaphthalene	13.375	162	3645124	61.699	ng	99
48) 2-Nitroaniline	13.563	65	904021	68.554	ng	98
49) Acenaphthylene	14.216	152	5618754	62.931	ng	99
50) Dimethylphthalate	13.957	163	4291046	62.407	ng	99
51) 2,6-Dinitrotoluene	14.063	165	891260	67.510	ng	99
52) Acenaphthene	14.557	154	3582059	63.105	ng	100
53) 3-Nitroaniline	14.386	138	957239	68.179	ng	98
54) 2,4-Dinitrophenol	14.592	184	439445	61.898	ng	85
55) Dibenzofuran	14.892	168	5344109	61.102	ng	100
56) 4-Nitrophenol	14.686	139	794516	65.804	ng	95
57) 2,4-Dinitrotoluene	14.845	165	1218665	60.887	ng	98
58) Fluorene	15.539	166	4560797	63.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	1189838	66.202	ng	99
60) Diethylphthalate	15.316	149	4130183	62.882	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	2430909	64.533	ng	98
62) 4-Nitroaniline	15.545	138	991212	60.686	ng	99
63) Azobenzene	15.827	77	3812033	63.206	ng	100
65) 4,6-Dinitro-2-methylph...	15.610	198	645034	61.235	ng	91
66) n-Nitrosodiphenylamine	15.745	169	3744872	63.087	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	1368680	65.485	ng	99
68) Hexachlorobenzene	16.539	284	1586965	64.288	ng	98
69) Atrazine	16.692	200	1296405	66.510	ng	100
70) Pentachlorophenol	16.880	266	1022433	66.535	ng	99
71) Phenanthrene	17.268	178	6618592	61.658	ng	100
72) Anthracene	17.363	178	6849285	64.102	ng	100
73) Carbazole	17.627	167	6106388	63.161	ng	99
74) Di-n-butylphthalate	18.198	149	6920453	65.398	ng	100
75) Fluoranthene	19.280	202	7618952	65.290	ng	99
77) Benzidine	19.456	184	3256422	64.872	ng	100
78) Pyrene	19.639	202	8067941	64.009	ng	100
80) Butylbenzylphthalate	20.533	149	2900200	69.782	ng	97
81) Benzo(a)anthracene	21.439	228	8142088	63.495	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	2878037	66.553	ng	100
83) Chrysene	21.503	228	7690956	63.587	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	4504059	68.268	ng	98
85) Di-n-octyl phthalate	22.521	149	7047940	68.206	ng	99
87) Indeno(1,2,3-cd)pyrene	27.950	276	8866549	66.007	ng	99
88) Benzo(b)fluoranthene	23.539	252	7617485	65.548	ng	99
89) Benzo(k)fluoranthene	23.603	252	7861158	65.192	ng	100
90) Benzo(a)pyrene	24.356	252	7260855	66.744	ng	99
91) Dibenzo(a,h)anthracene	28.009	278	7483970	66.155	ng	99
92) Benzo(g,h,i)perylene	29.021	276	6983867	65.319	ng	99

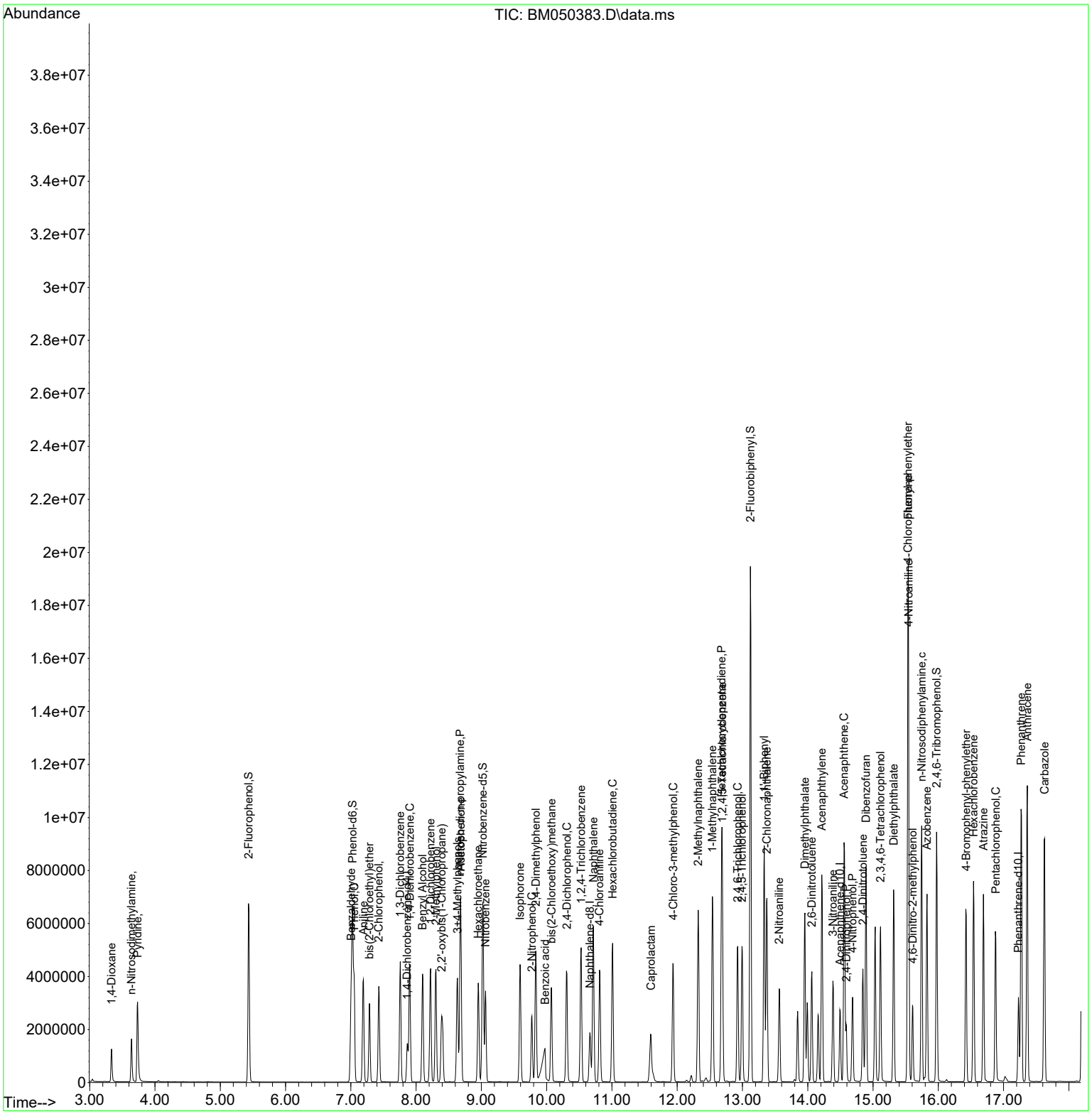
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

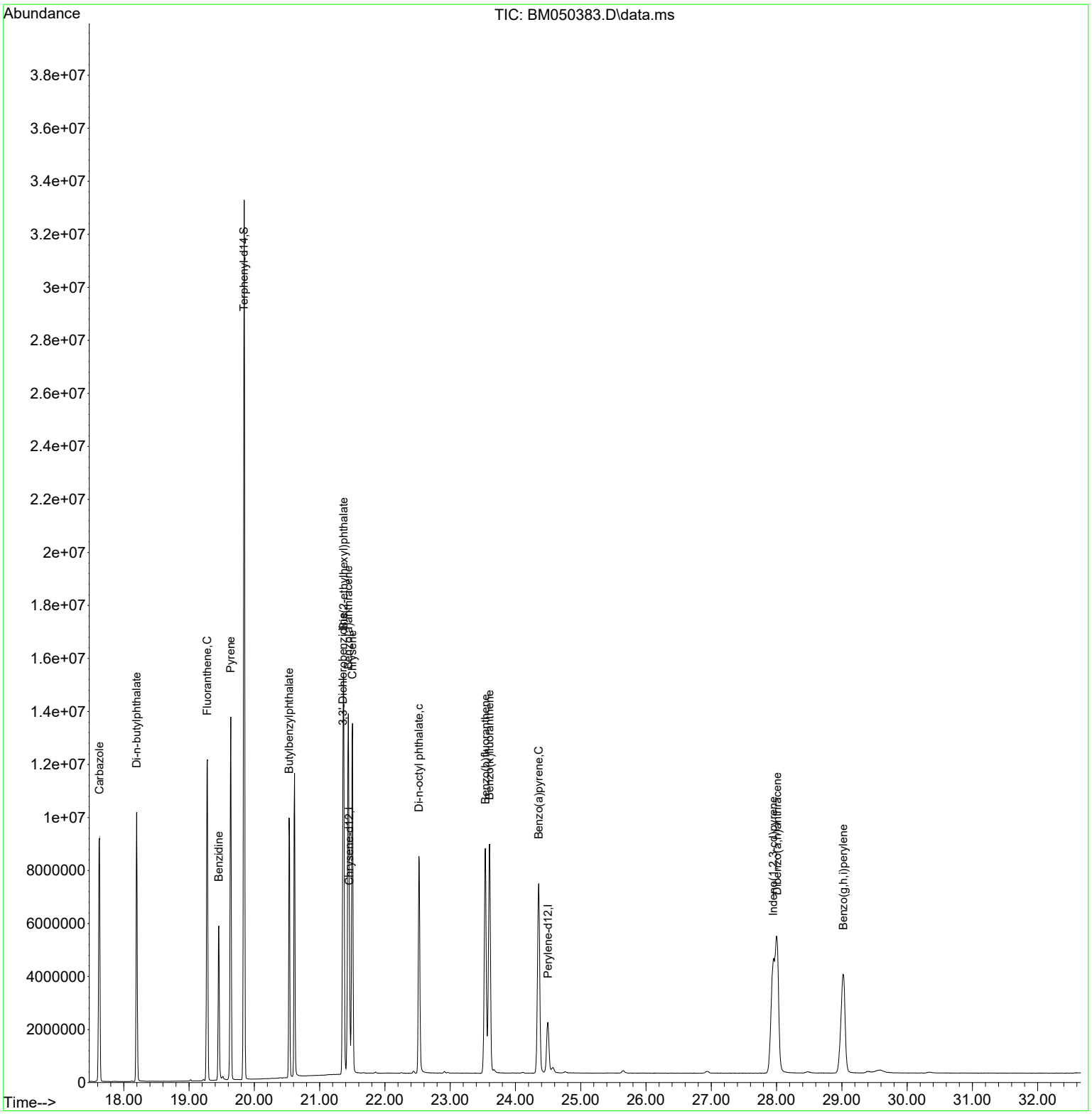


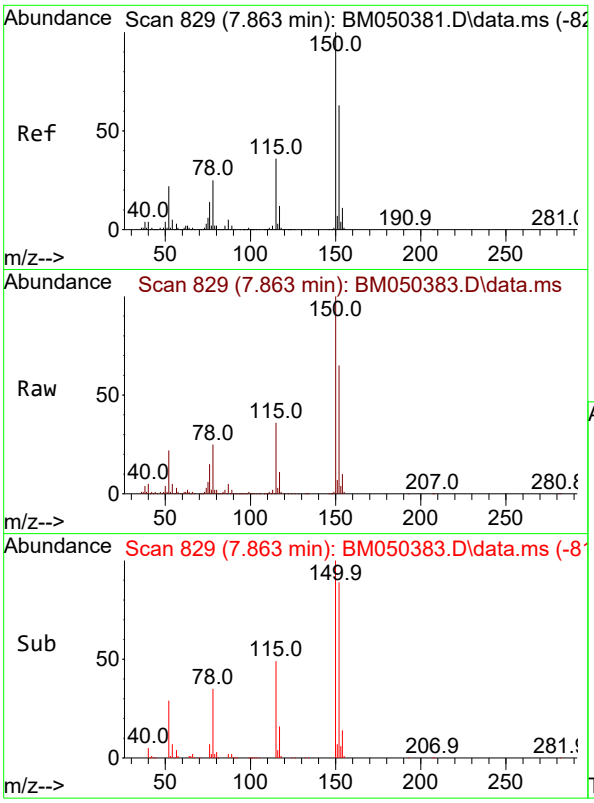
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



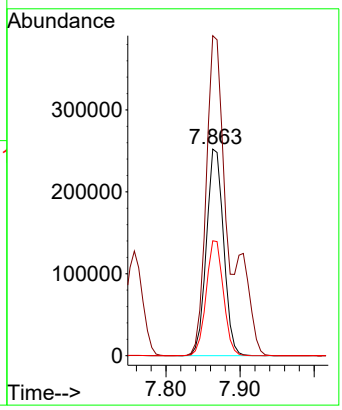


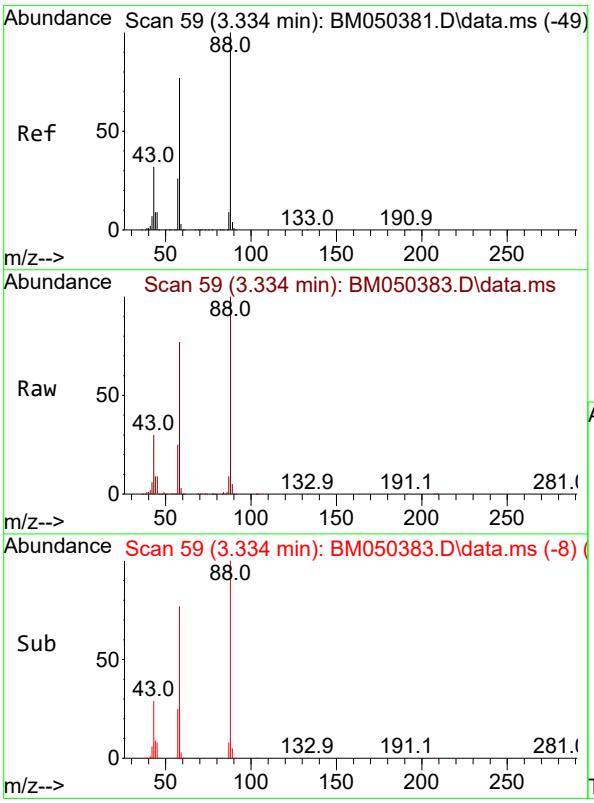
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 406200

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.4
115	55.6	45.8	68.8

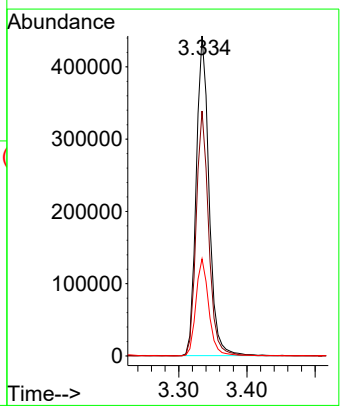


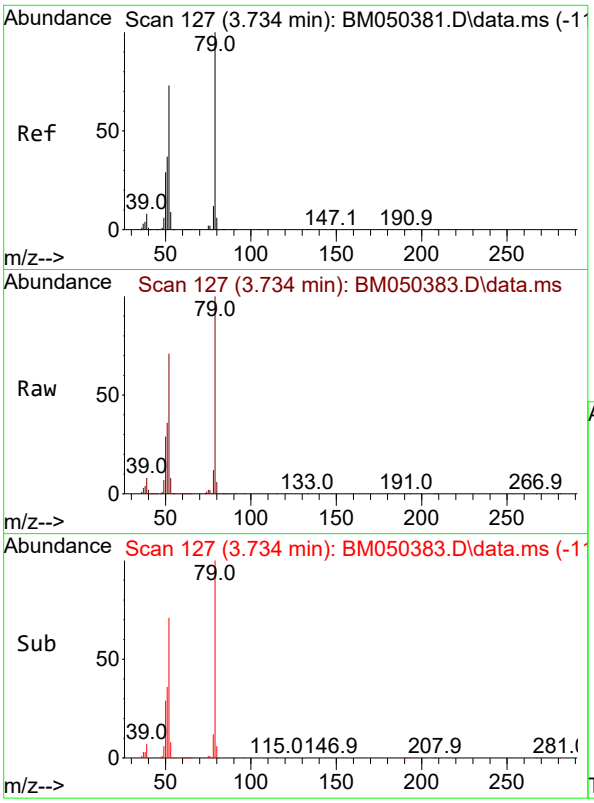


#2
1,4-Dioxane
Concen: 59.574 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 88 Resp: 578083

Ion	Ratio	Lower	Upper
88	100		
58	75.0	61.0	91.6
43	30.3	24.6	37.0



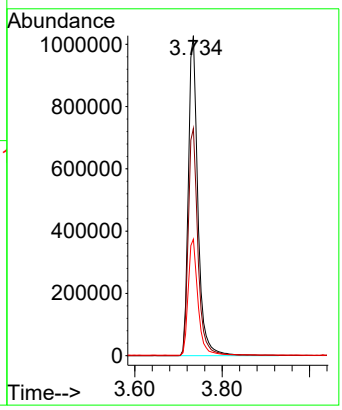


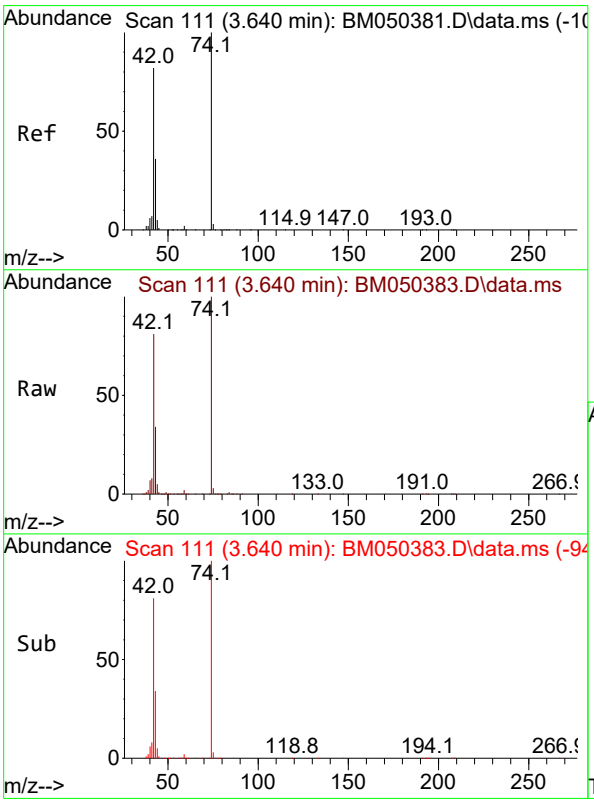
#3
Pyridine
Concen: 61.184 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1558687

Ion	Ratio	Lower	Upper
79	100		
52	71.0	58.3	87.5
51	36.4	29.6	44.4

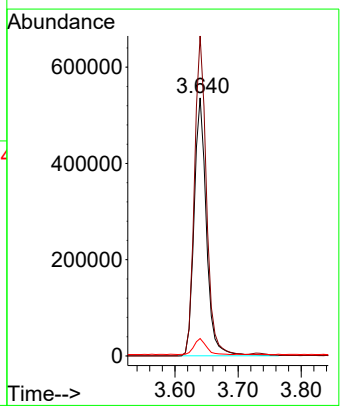


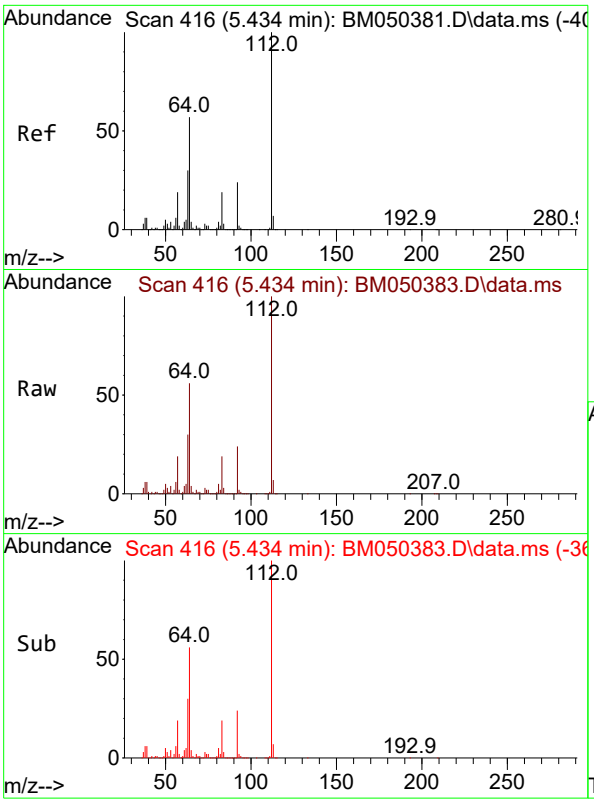


#4
n-Nitrosodimethylamine
Concen: 61.070 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 42 Resp: 725301

Ion	Ratio	Lower	Upper
42	100		
74	124.0	97.5	146.3
44	6.7	5.7	8.5



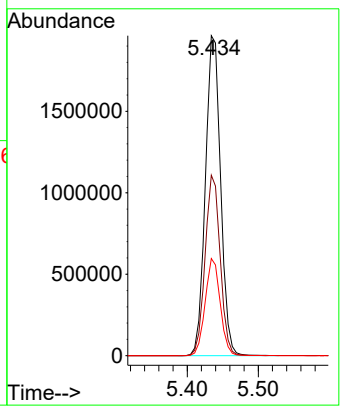


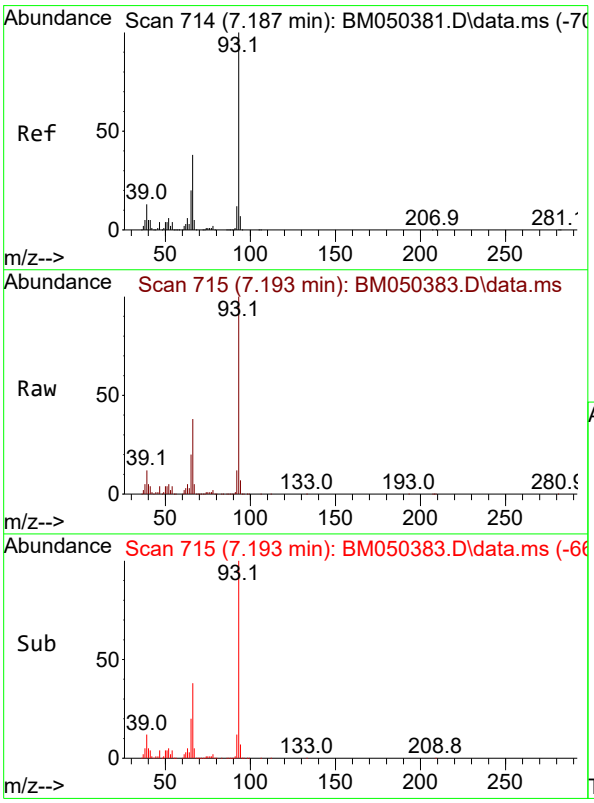
#5
2-Fluorophenol
Concen: 124.166 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 2930103

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.5	68.3
63	30.3	24.2	36.4

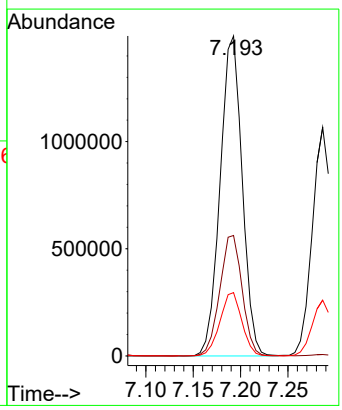


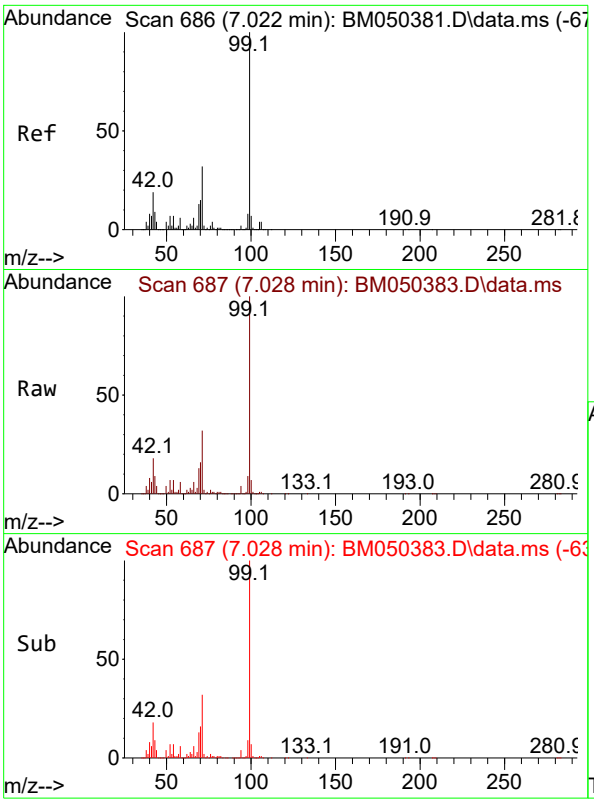


#6
Aniline
Concen: 63.416 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 93 Resp: 2421019

Ion	Ratio	Lower	Upper
93	100		
66	37.7	30.5	45.7
65	19.8	15.9	23.9



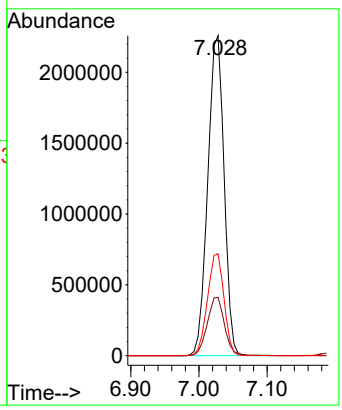


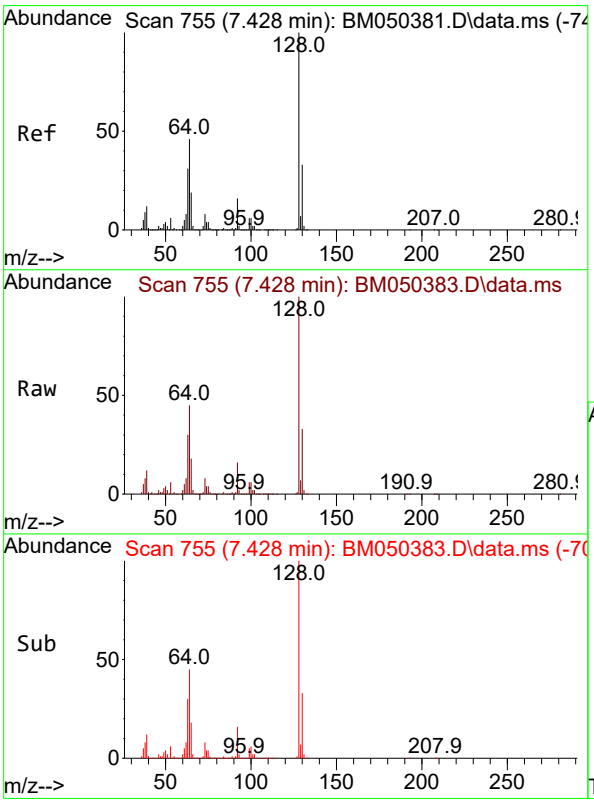
#7
Phenol-d6
Concen: 126.766 ng
RT: 7.028 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 3771036

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.6
71	31.8	25.9	38.9

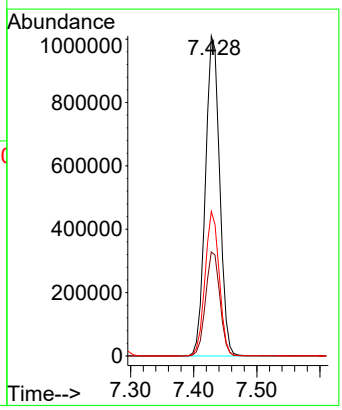


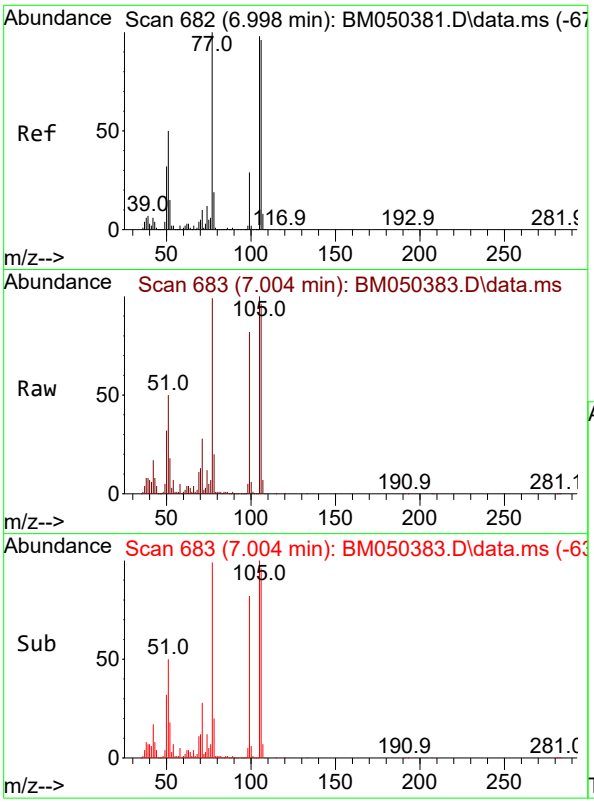


#8
2-Chlorophenol
Concen: 63.712 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:128 Resp: 1585370

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.3	53.3
64	45.1	25.6	65.6



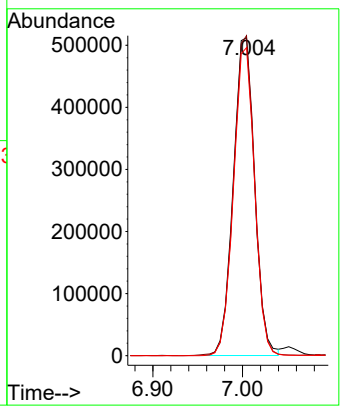


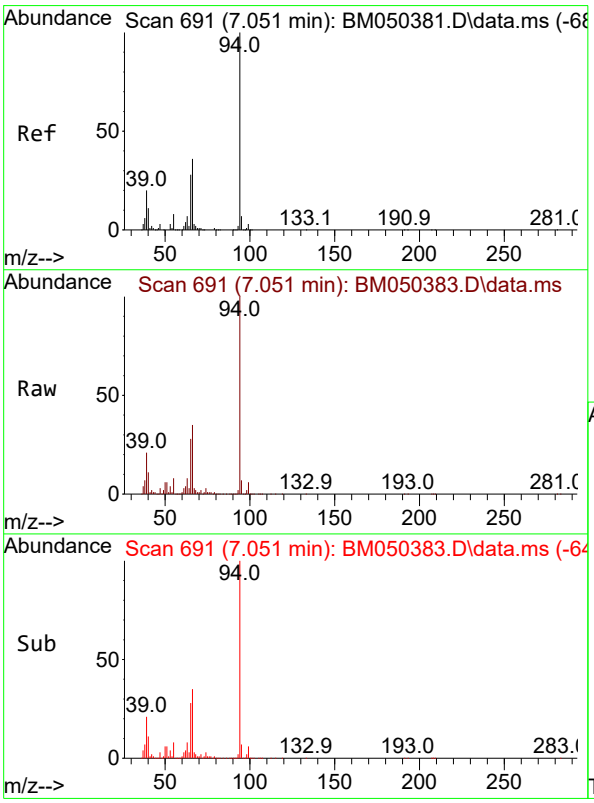
#9
Benzaldehyde
Concen: 47.768 ng
RT: 7.004 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 845390

Ion	Ratio	Lower	Upper
77	100		
105	100.6	78.4	118.4
106	96.9	76.3	116.3

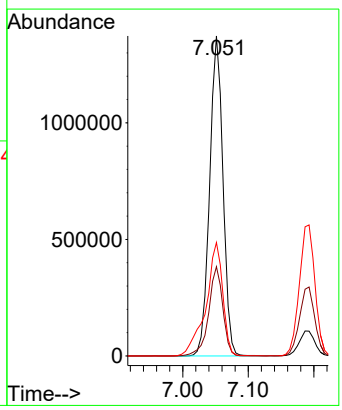


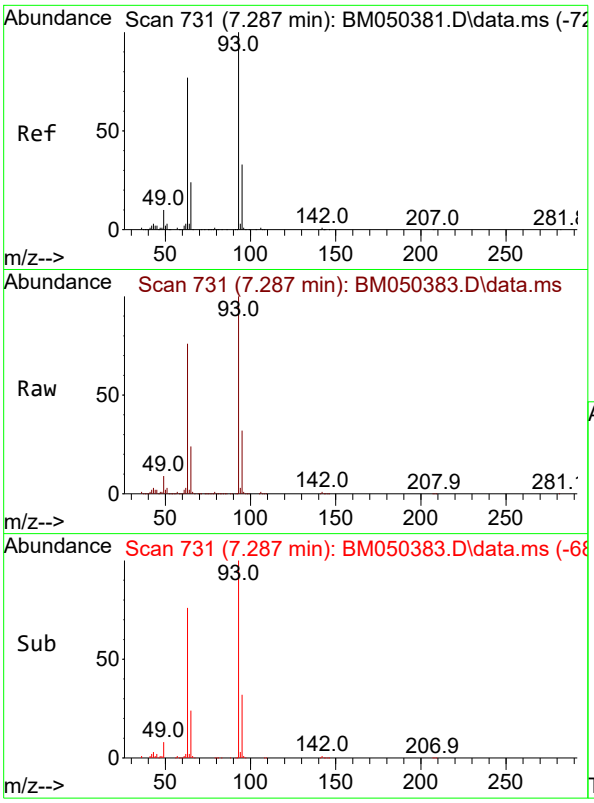


#10
Phenol
Concen: 62.748 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 94 Resp: 1946908

Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.1	48.1
66	35.4	15.8	55.8



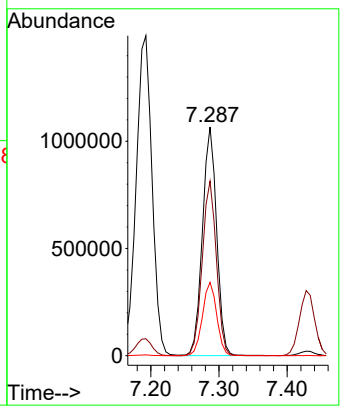


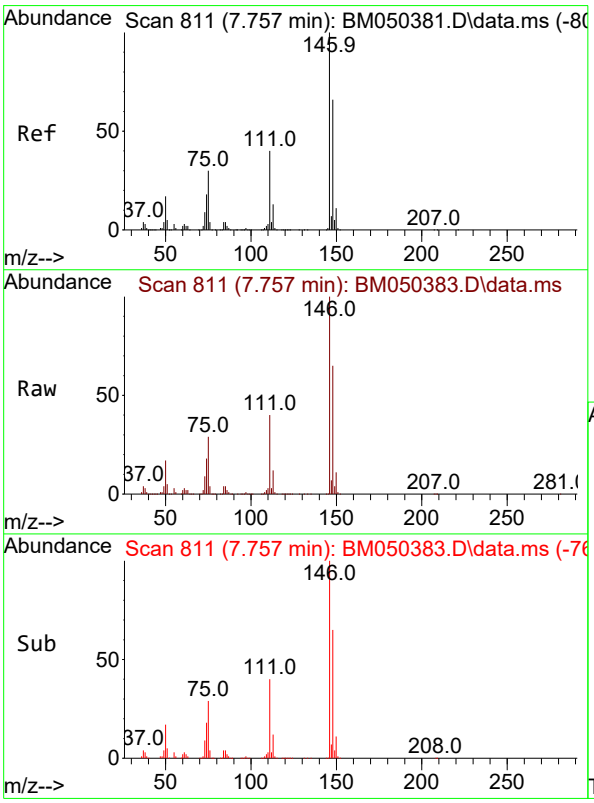
#11
bis(2-Chloroethyl)ether
Concen: 62.169 ng
RT: 7.287 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 1544784

Ion	Ratio	Lower	Upper
93	100		
63	76.4	56.9	96.9
95	32.1	12.6	52.6

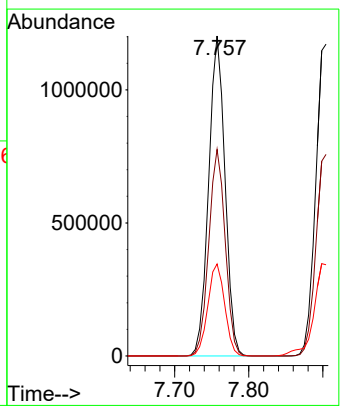


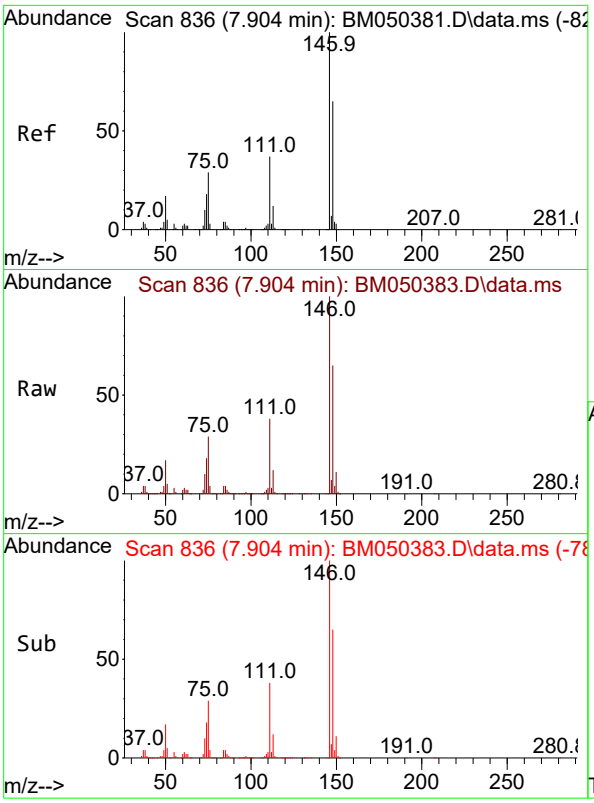


#12
1,3-Dichlorobenzene
Concen: 60.846 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:146 Resp: 1841011

Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.2	79.8
75	28.7	23.9	35.9



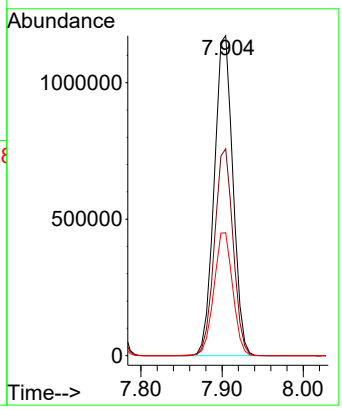


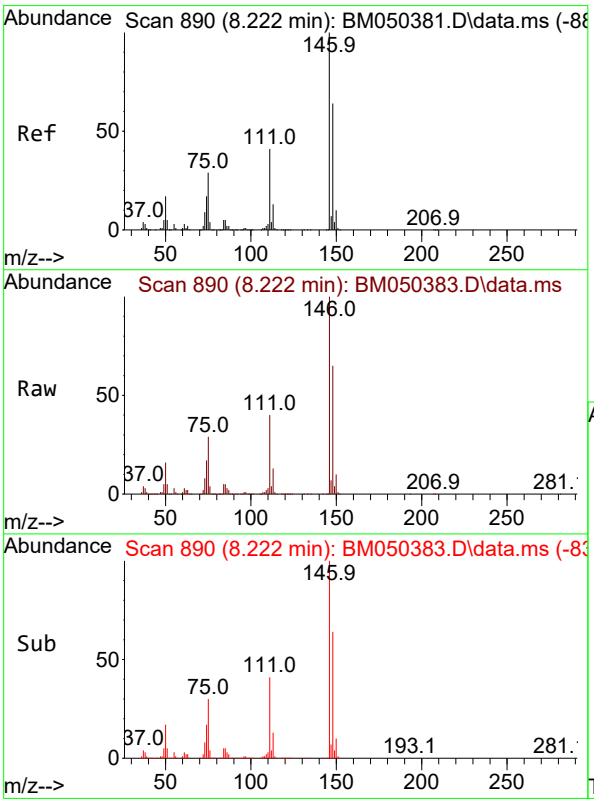
#13
1,4-Dichlorobenzene
Concen: 60.660 ng
RT: 7.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1874083

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	38.4	30.0	45.0

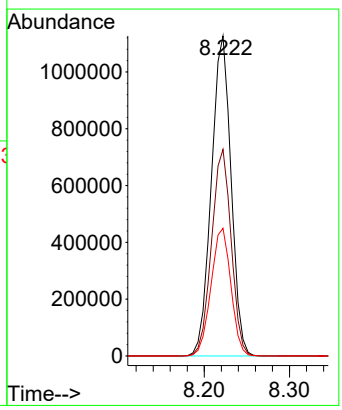


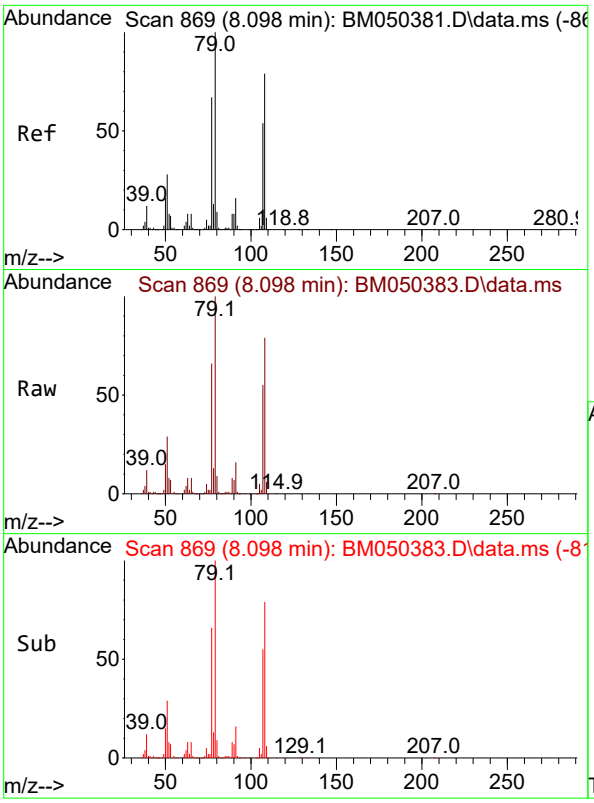


#14
1,2-Dichlorobenzene
Concen: 61.182 ng
RT: 8.222 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:146 Resp: 1809670

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	39.9	32.6	49.0



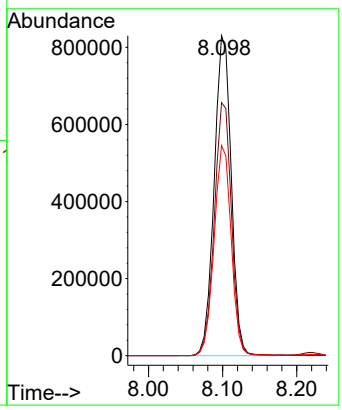


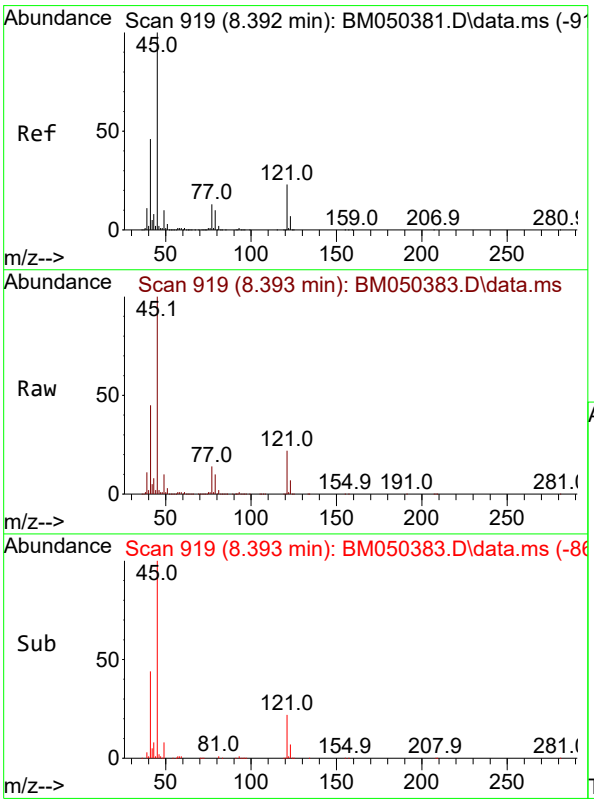
#15
Benzyl Alcohol
Concen: 63.380 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1328453

Ion	Ratio	Lower	Upper
79	100		
108	79.1	63.0	94.4
77	65.7	53.4	80.0

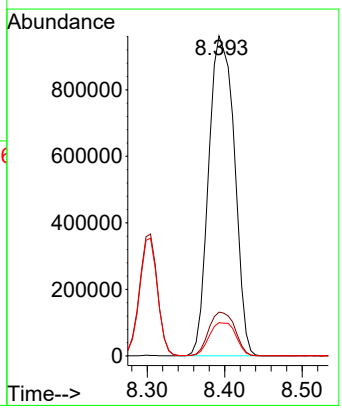


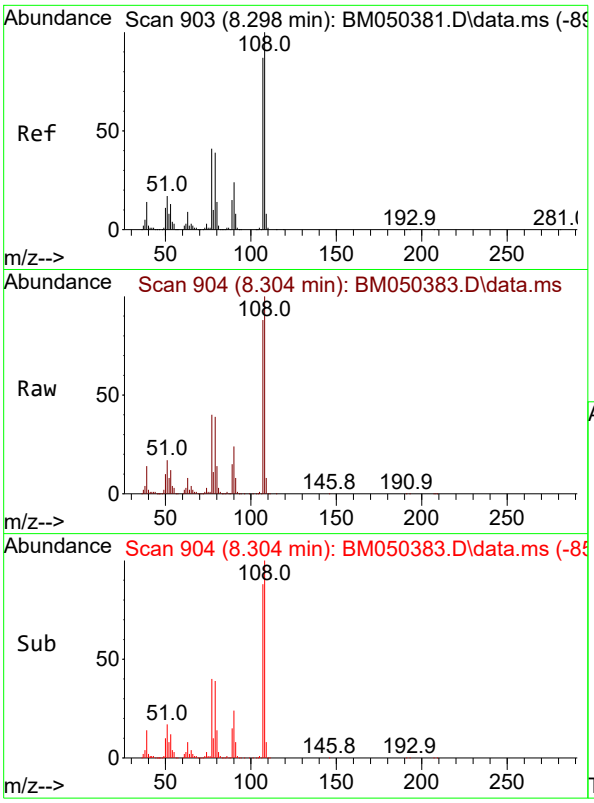


#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.631 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 45 Resp: 2219161

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.4	0.0	30.3



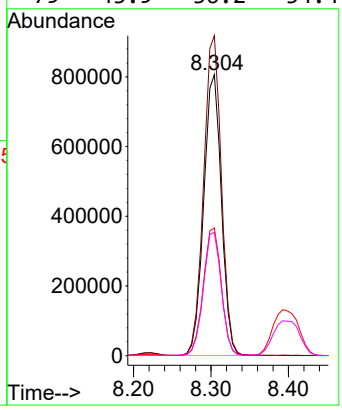


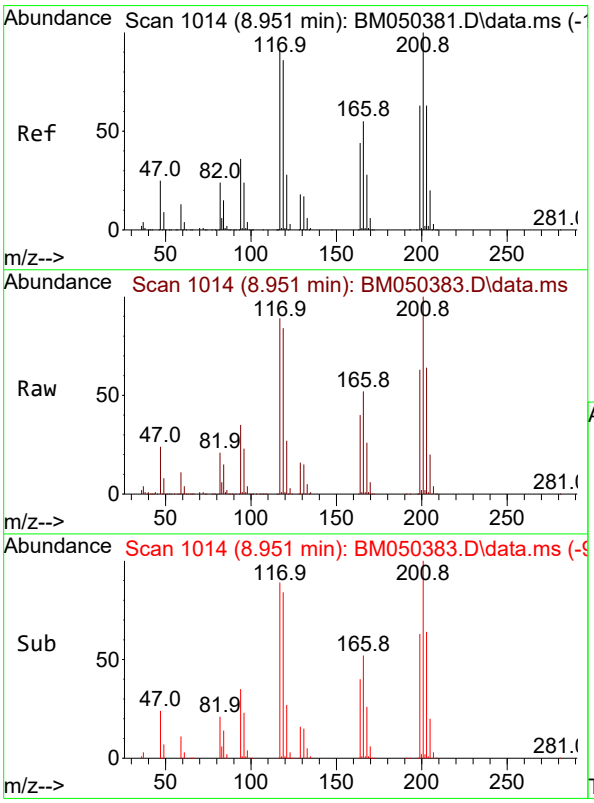
#17
2-Methylphenol
Concen: 63.479 ng
RT: 8.304 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 1277440

Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.1	138.1
77	45.4	38.2	57.4
79	43.9	36.2	54.4

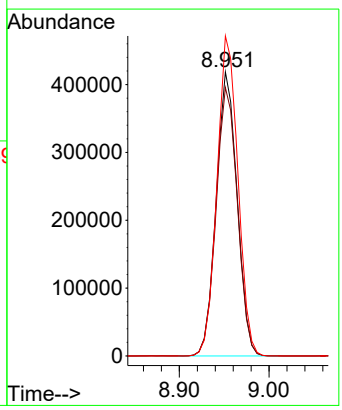


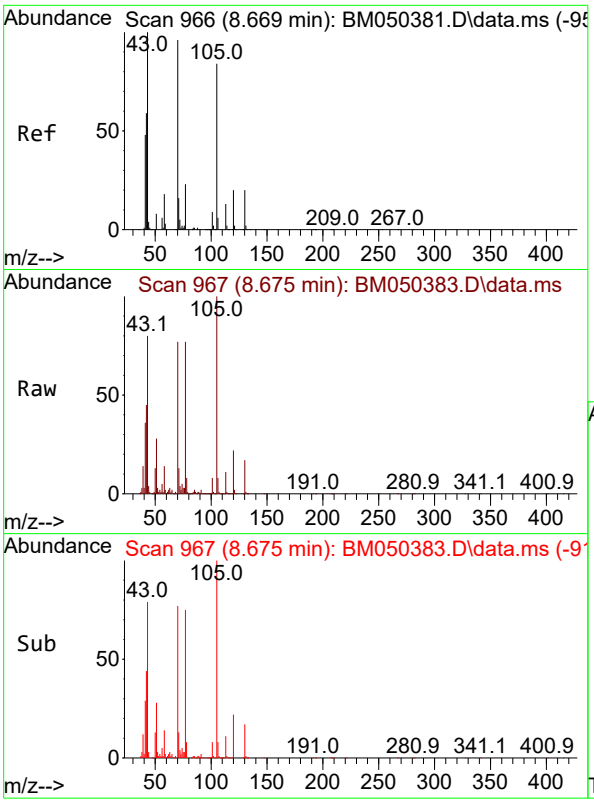


#18
Hexachloroethane
Concen: 62.403 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:117 Resp: 678042

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.6	113.4
201	112.7	87.9	131.9



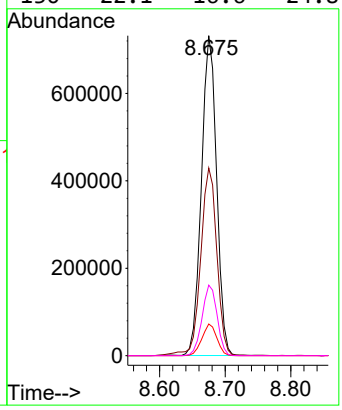


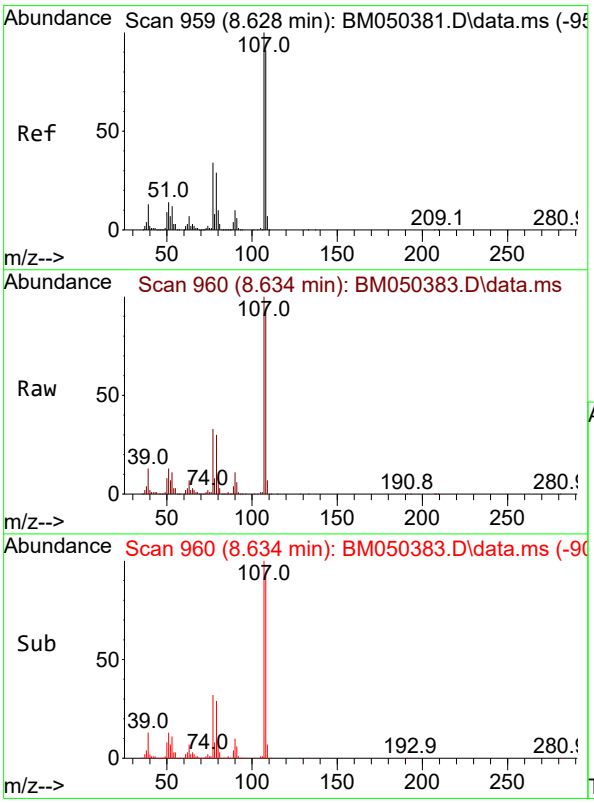
#19
n-Nitroso-di-n-propylamine
Concen: 65.485 ng
RT: 8.675 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 1180119

Ion	Ratio	Lower	Upper
70	100		
42	58.6	49.7	74.5
101	9.9	7.7	11.5
130	22.1	16.6	24.8

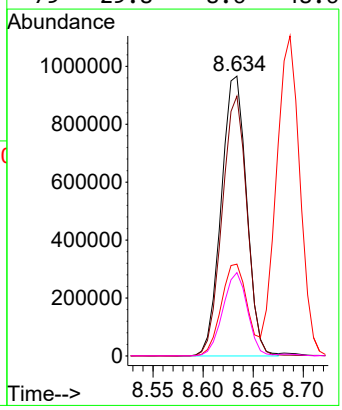


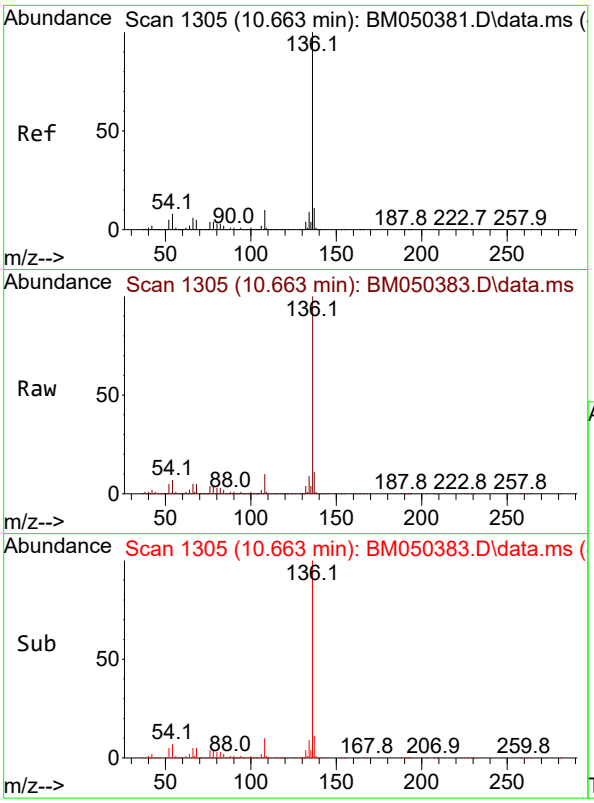


#20
3+4-Methylphenols
Concen: 62.832 ng
RT: 8.634 min Scan# 960
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:107 Resp: 1697411

Ion	Ratio	Lower	Upper
107	100		
108	92.9	71.5	111.5
77	32.9	13.7	53.7
79	29.8	8.6	48.6



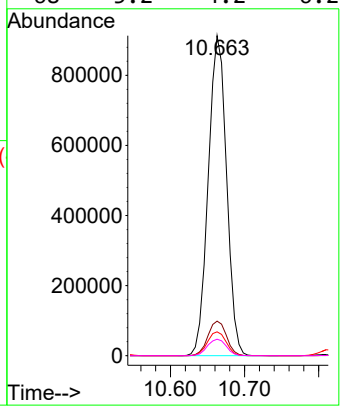


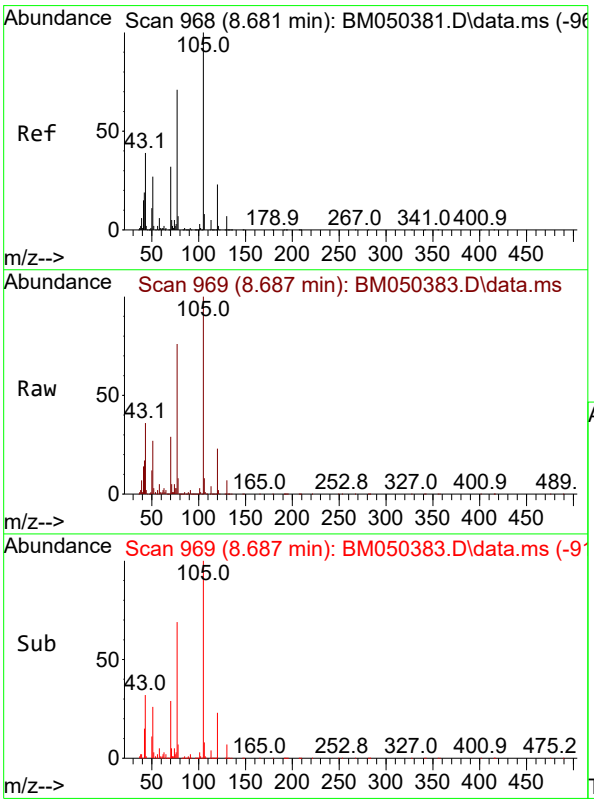
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 1566187

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	6.3	9.5
68	5.2	4.2	6.2

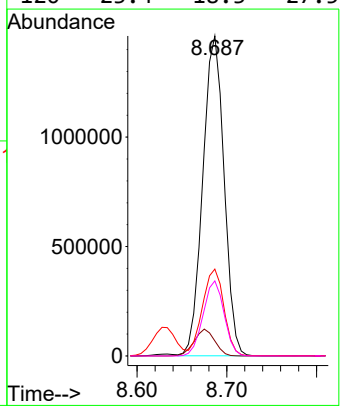


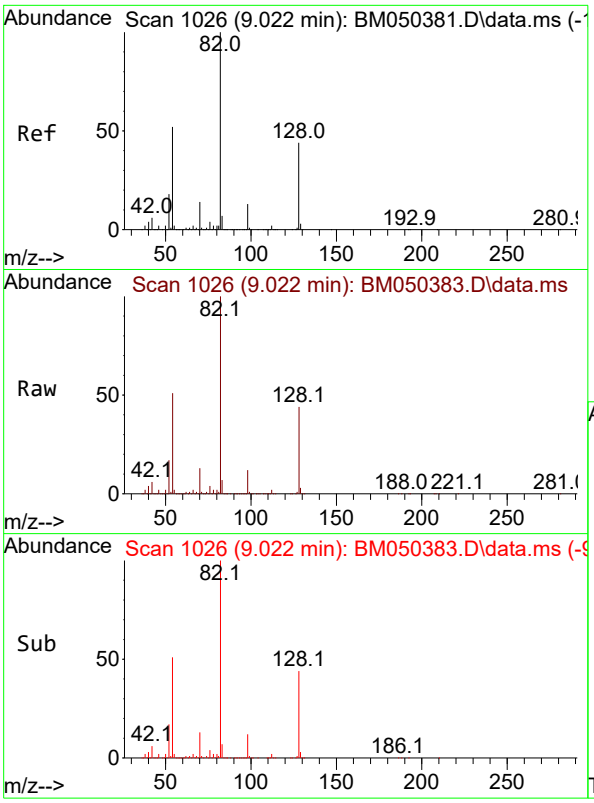


#22
Acetophenone
Concen: 61.517 ng
RT: 8.687 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:105 Resp: 2408904

Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	27.2	23.0	34.6
120	23.4	18.3	27.5



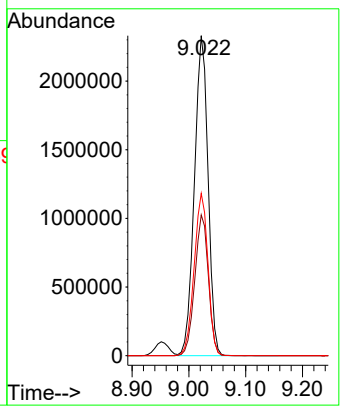


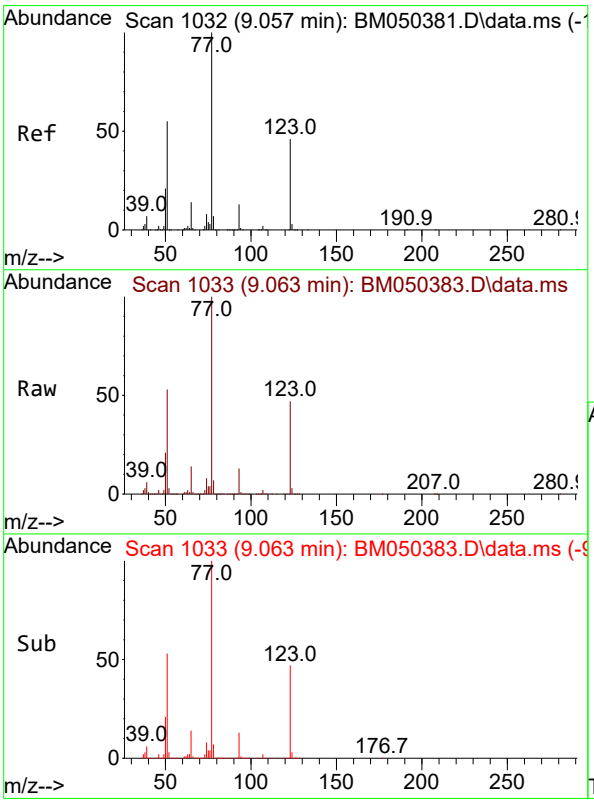
#23
Nitrobenzene-d5
Concen: 126.983 ng
RT: 9.022 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 3898203

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	50.7	41.5	62.3

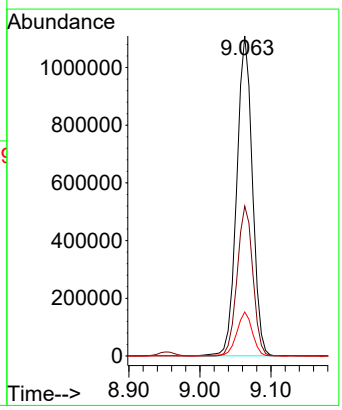


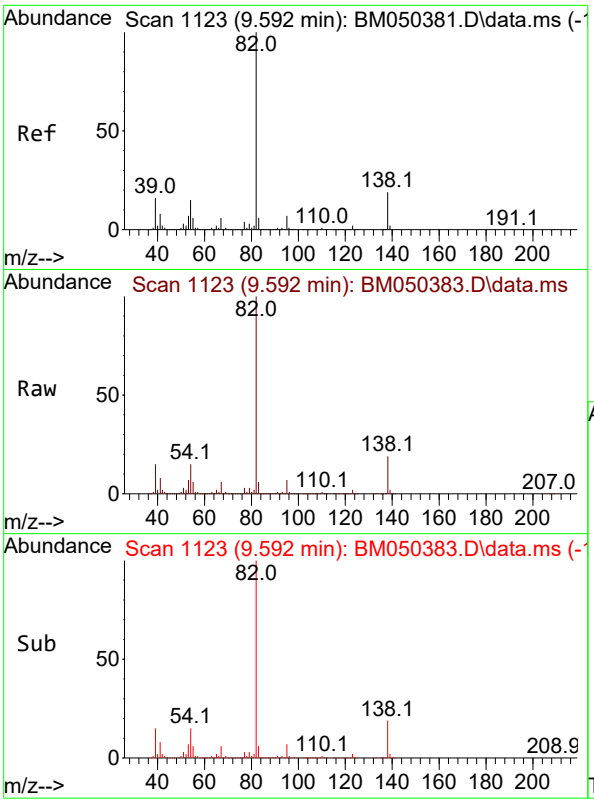


#24
Nitrobenzene
Concen: 62.165 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 77 Resp: 1702957

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.0	55.6
65	13.7	11.0	16.4



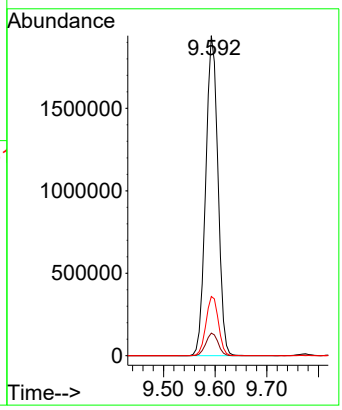


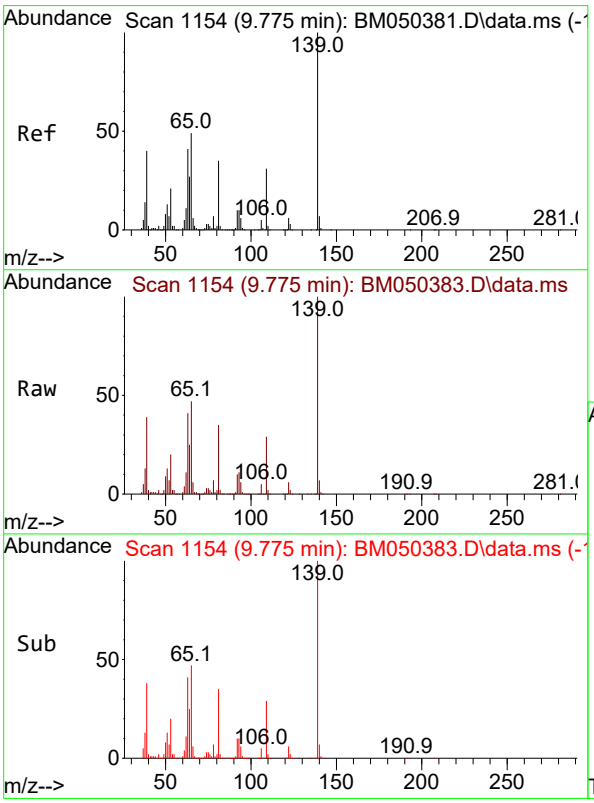
#25
Isophorone
Concen: 64.054 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 3190767

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.5	15.3	22.9

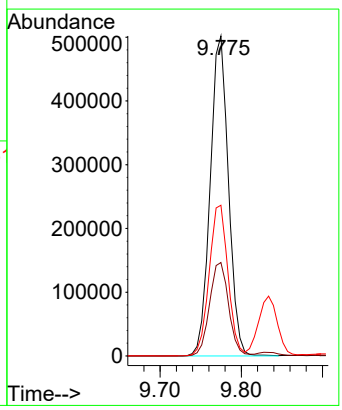


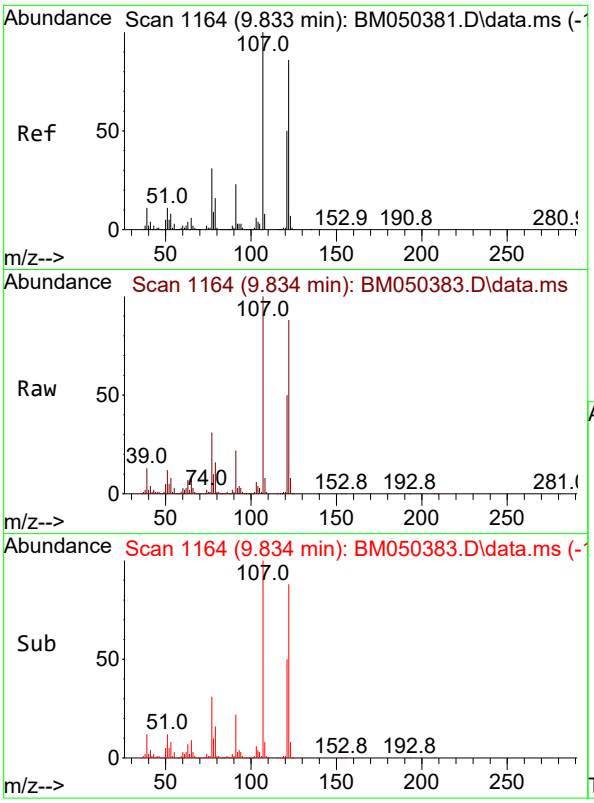


#26
2-Nitrophenol
Concen: 70.186 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:139 Resp: 783612

Ion	Ratio	Lower	Upper
139	100		
109	29.2	24.6	36.8
65	47.1	39.2	58.8



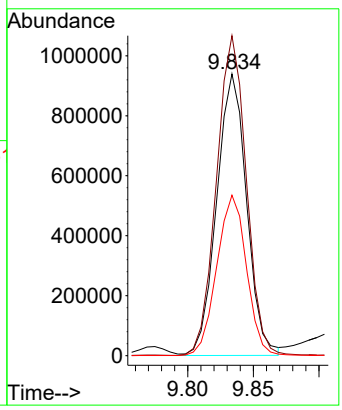


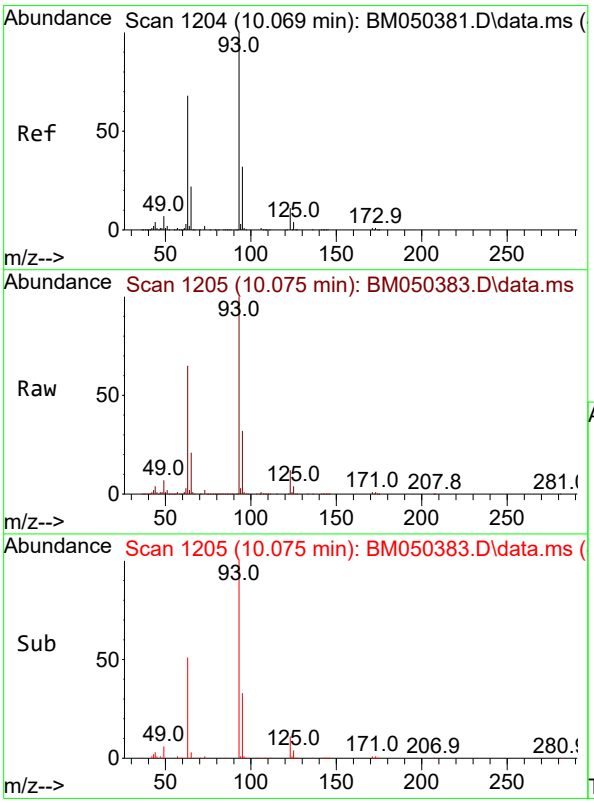
#27
2,4-Dimethylphenol
Concen: 62.749 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 1490764

Ion	Ratio	Lower	Upper
122	100		
107	113.6	93.0	139.6
121	57.0	46.1	69.1

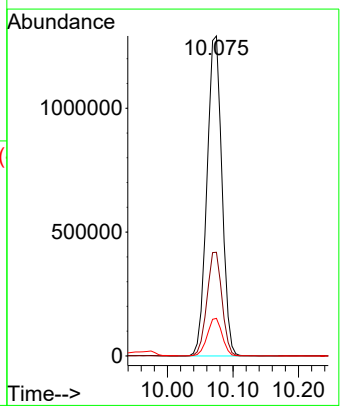


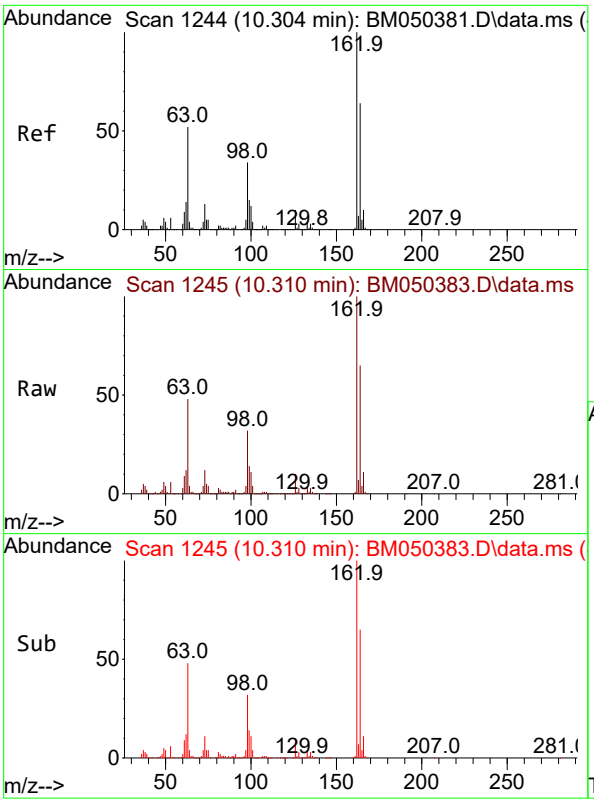


#28
bis(2-Chloroethoxy)methane
Concen: 62.070 ng
RT: 10.075 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 93 Resp: 2048832

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.7	9.1	13.7



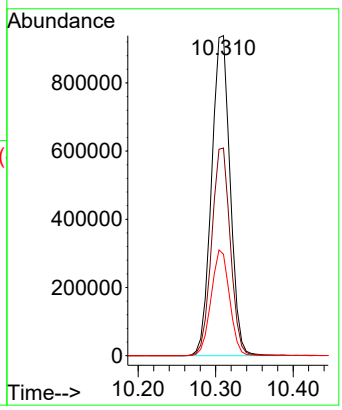


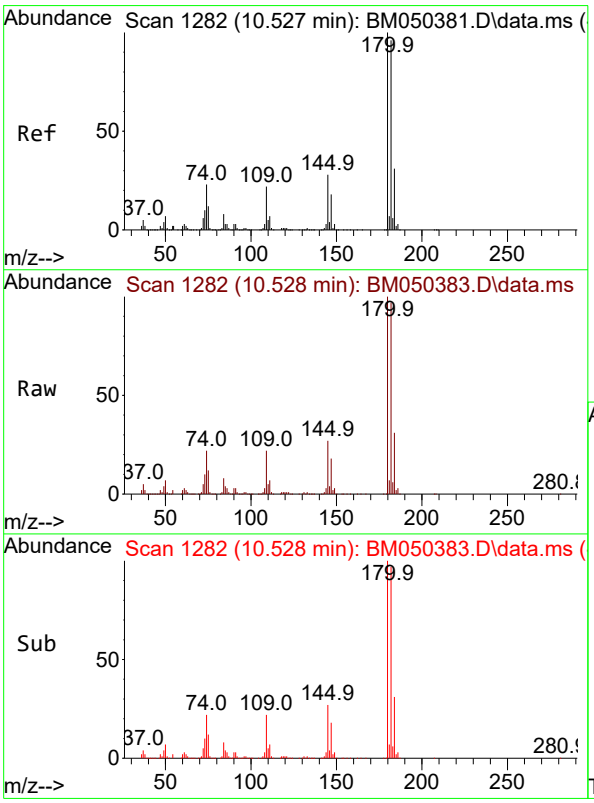
#29
2,4-Dichlorophenol
Concen: 64.353 ng
RT: 10.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1570701

Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.7	83.7
98	31.7	13.7	53.7

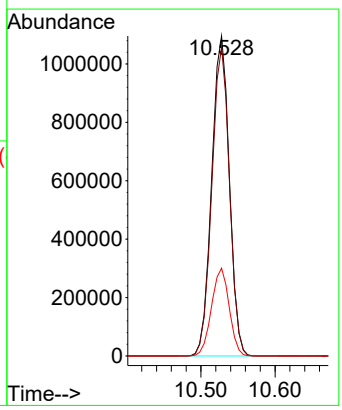


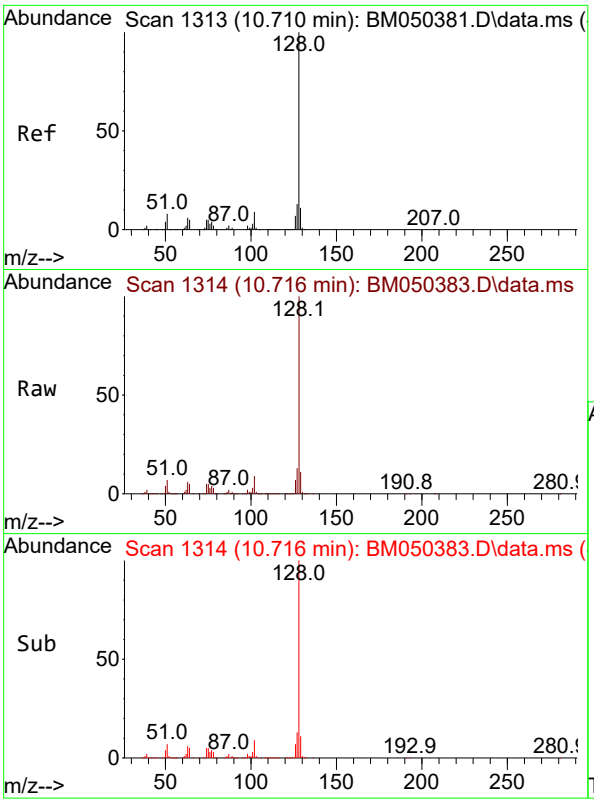


#30
1,2,4-Trichlorobenzene
Concen: 62.024 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:180 Resp: 1810982

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.8	115.2
145	27.4	22.6	33.8



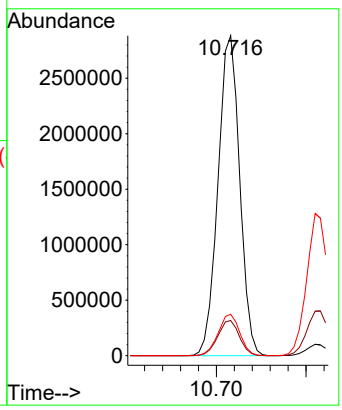


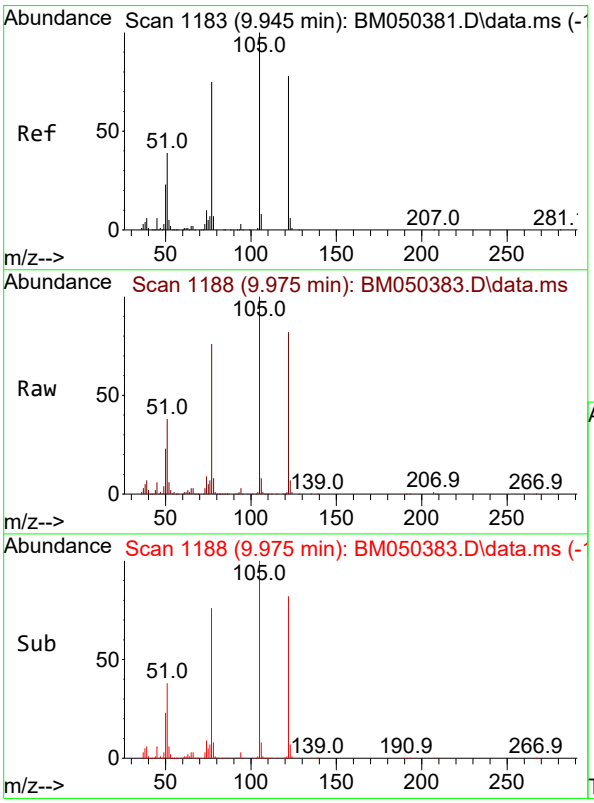
#31
Naphthalene
Concen: 60.775 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 4834692

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.4	15.6

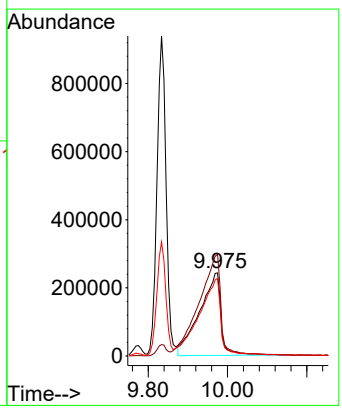


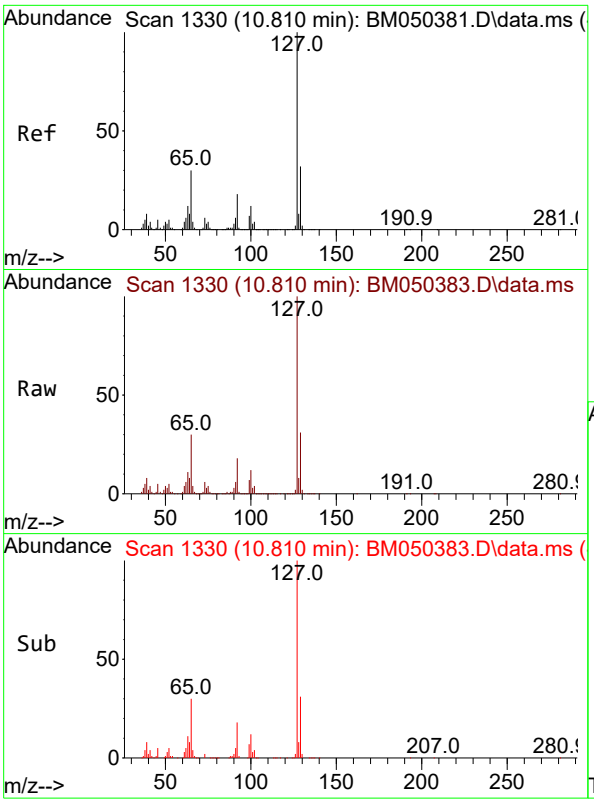


#32
Benzoic acid
Concen: 60.734 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.030 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:122 Resp: 912053

Ion	Ratio	Lower	Upper
122	100		
105	122.5	104.0	144.0
77	93.4	73.8	113.8



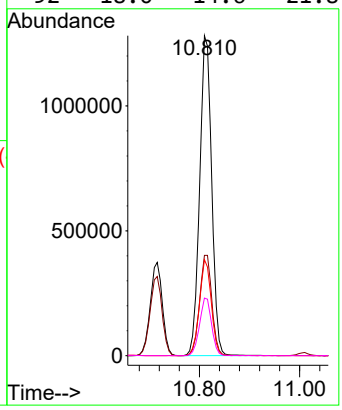


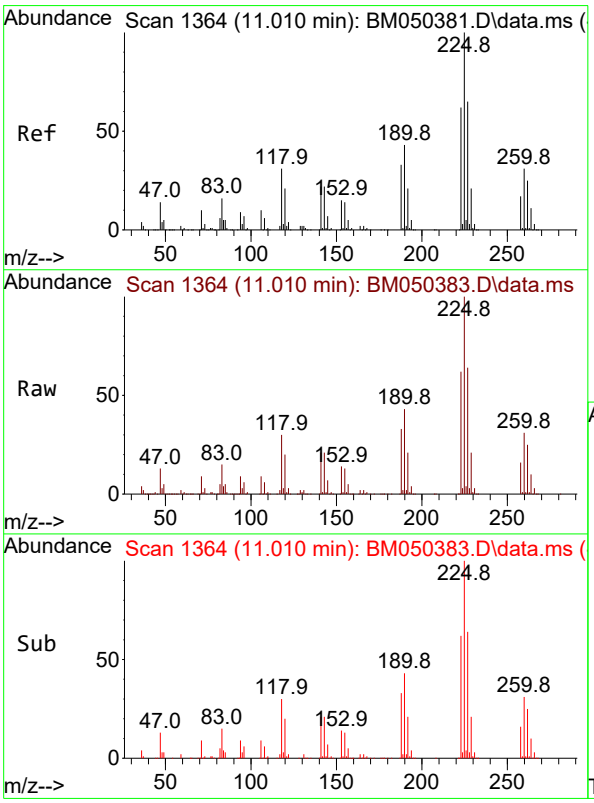
#33
4-Chloroaniline
Concen: 63.348 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 2130451

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.5	38.3
65	30.0	23.9	35.9
92	18.0	14.6	21.8

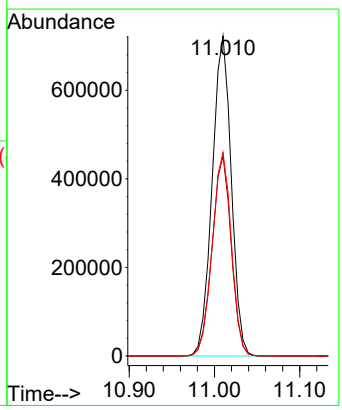


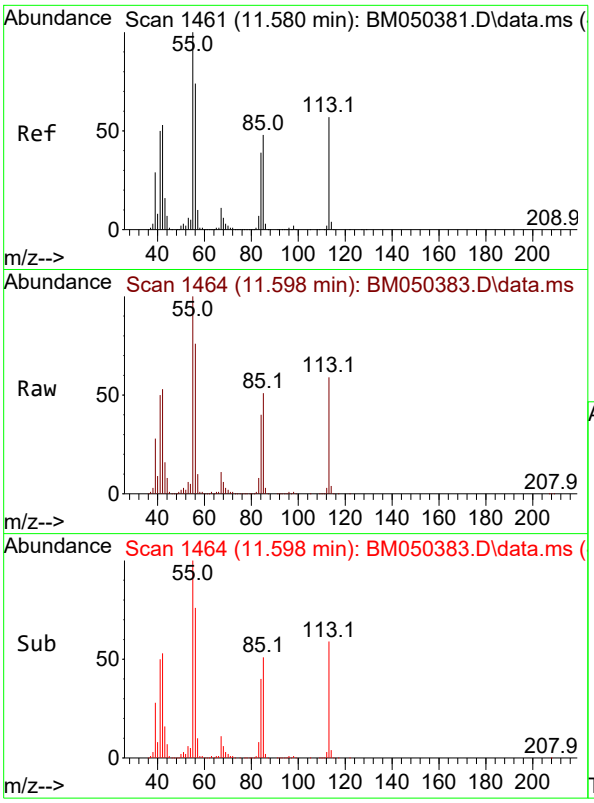


#34
Hexachlorobutadiene
Concen: 63.032 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:225 Resp: 1123283

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	63.6	52.1	78.1



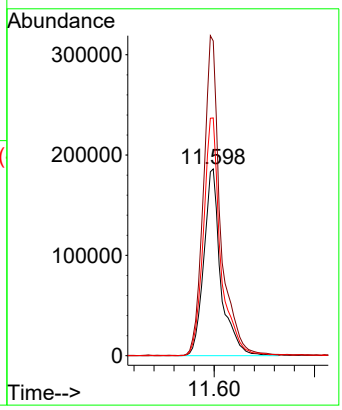


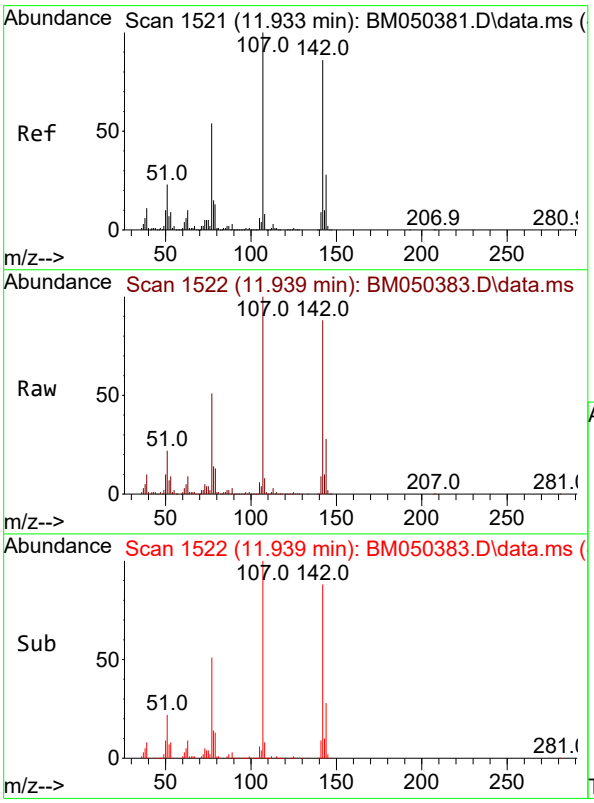
#35
Caprolactam
Concen: 65.768 ng
RT: 11.598 min Scan# 14
Delta R.T. 0.018 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 438205

Ion	Ratio	Lower	Upper
113	100		
55	168.5	157.2	197.2
56	127.3	111.7	151.7

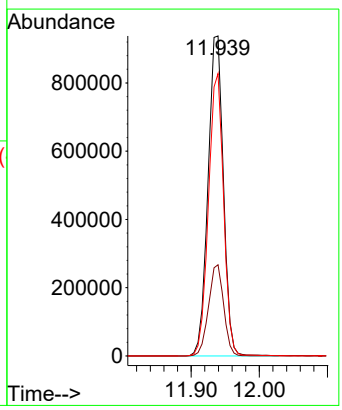


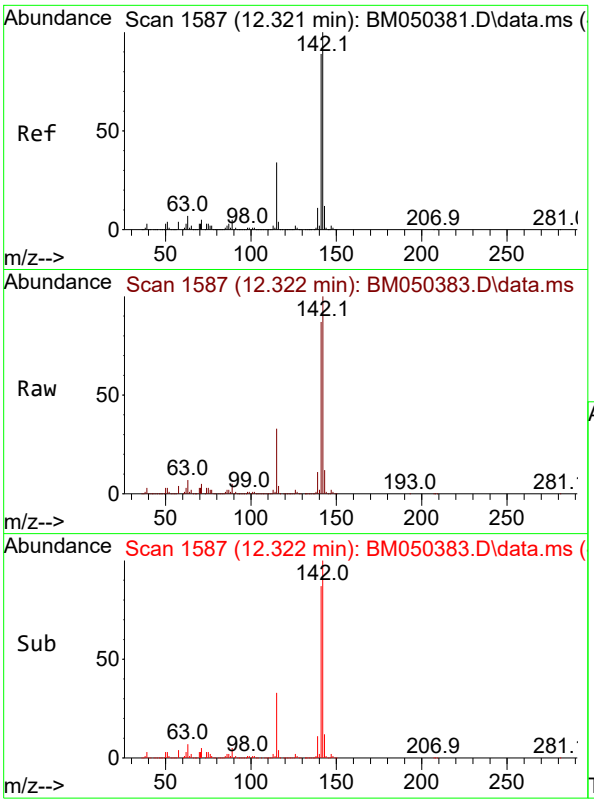


#36
4-Chloro-3-methylphenol
Concen: 64.612 ng
RT: 11.939 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:107 Resp: 1472646

Ion	Ratio	Lower	Upper
107	100		
144	28.5	22.2	33.4
142	88.2	68.7	103.1



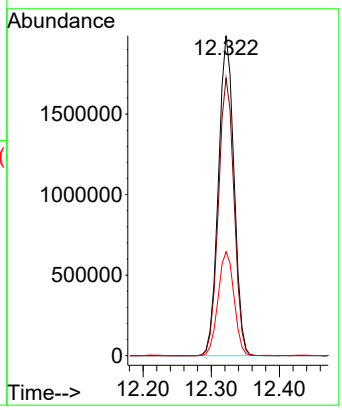


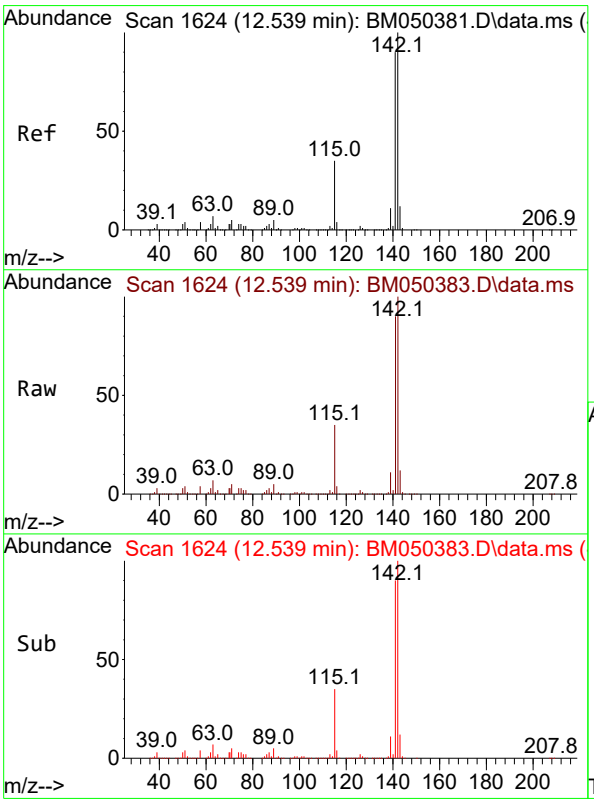
#37
2-Methylnaphthalene
Concen: 62.784 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 3153595

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.8	106.2
115	32.5	27.0	40.4

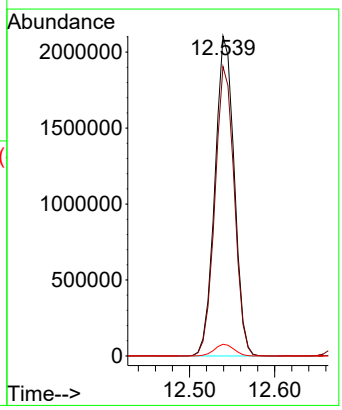


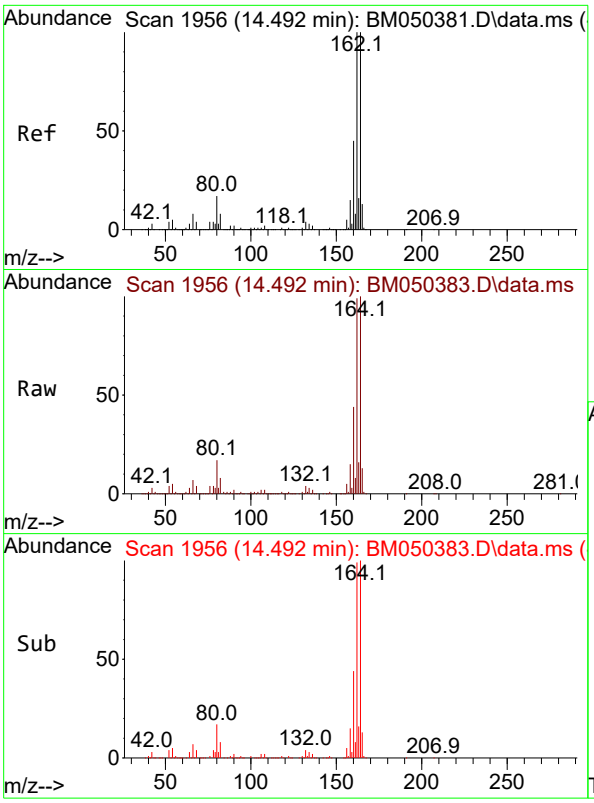


#38
1-Methylnaphthalene
Concen: 62.500 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:142 Resp: 3322331

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
116	3.6	3.0	4.6



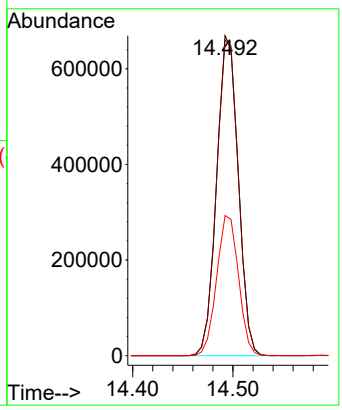


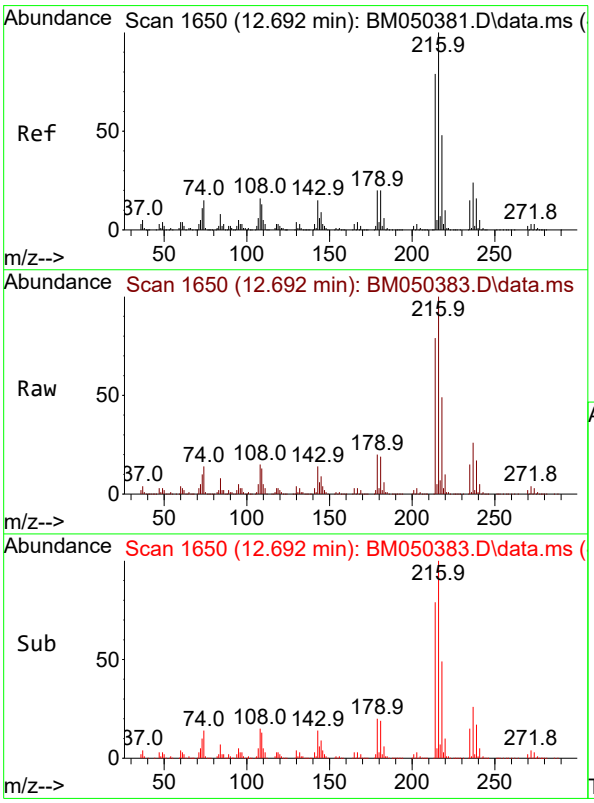
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 998713

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.9	119.9
160	43.8	36.2	54.4

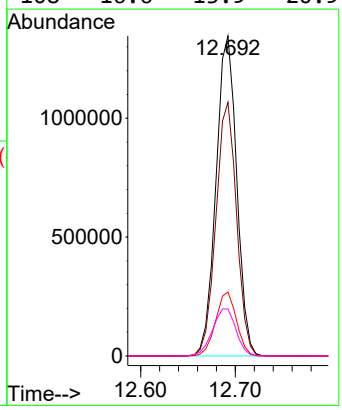


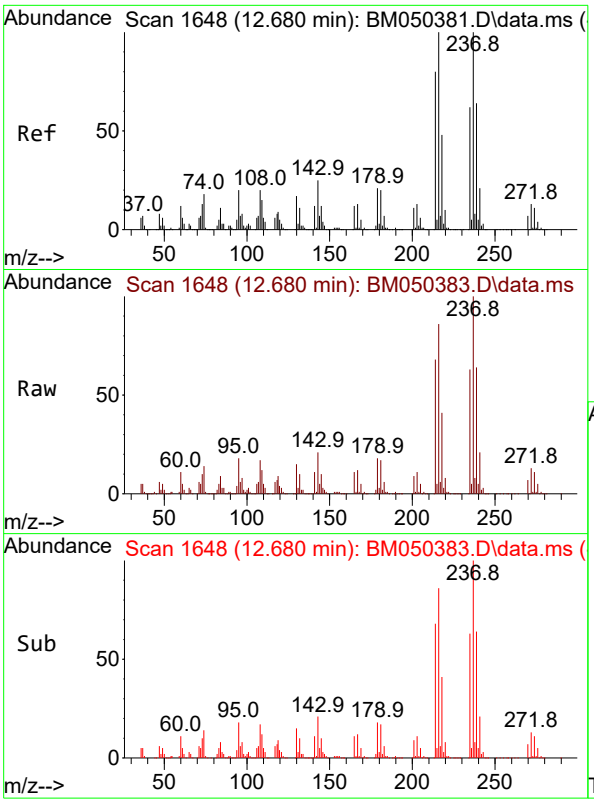


#40
1,2,4,5-Tetrachlorobenzene
Concen: 64.436 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:216 Resp: 2046472

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	20.1	16.4	24.6
108	16.6	13.9	20.9



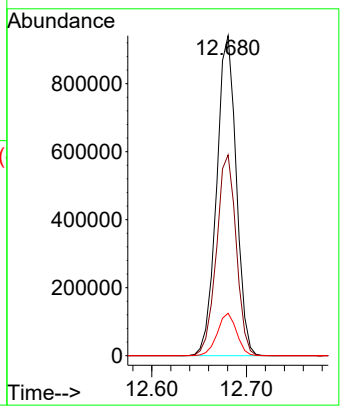


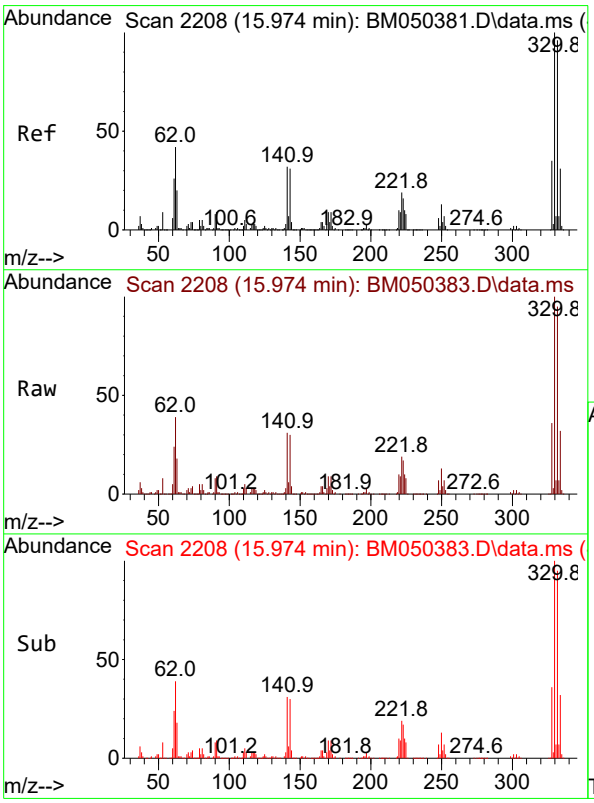
#41
Hexachlorocyclopentadiene
Concen: 66.942 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 1359023

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.3	82.3
272	13.3	0.0	33.0

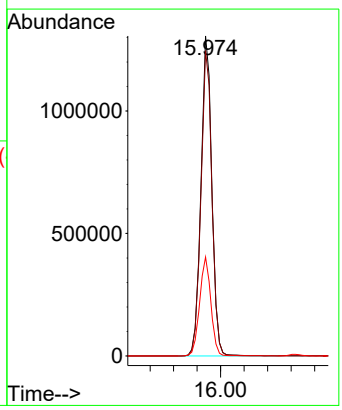


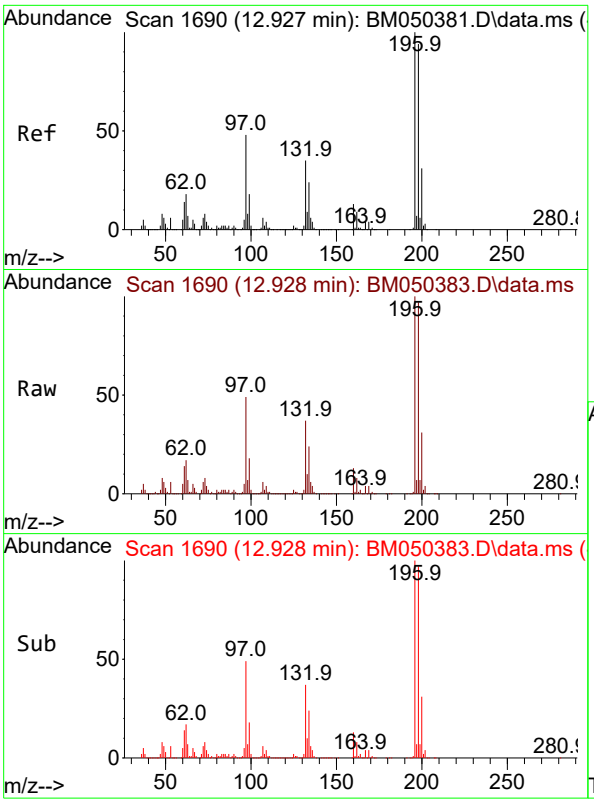


#42
2,4,6-Tribromophenol
Concen: 138.460 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:330 Resp: 1680132

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	31.9	27.4	41.0



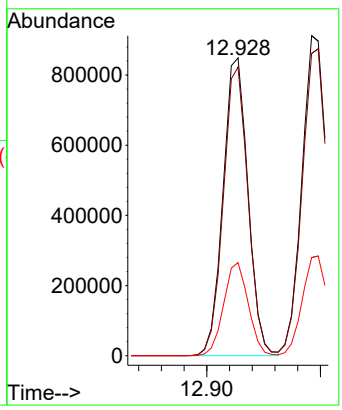


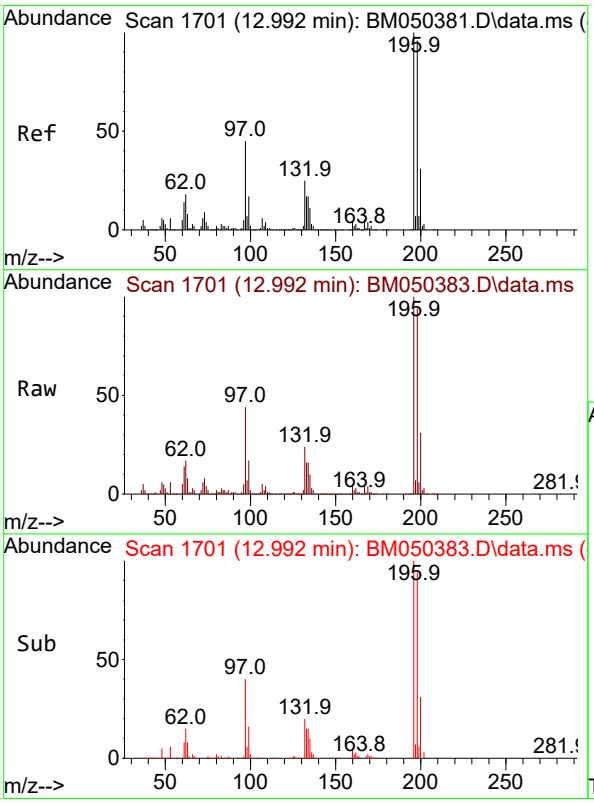
#43
2,4,6-Trichlorophenol
Concen: 66.483 ng
RT: 12.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 1299719

Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.1	112.7
200	31.3	24.6	37.0

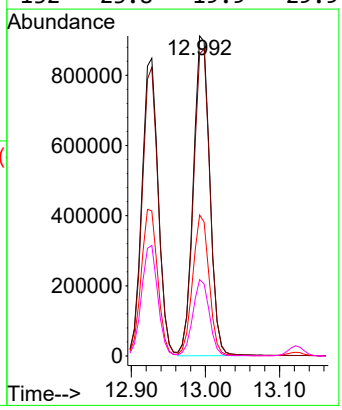


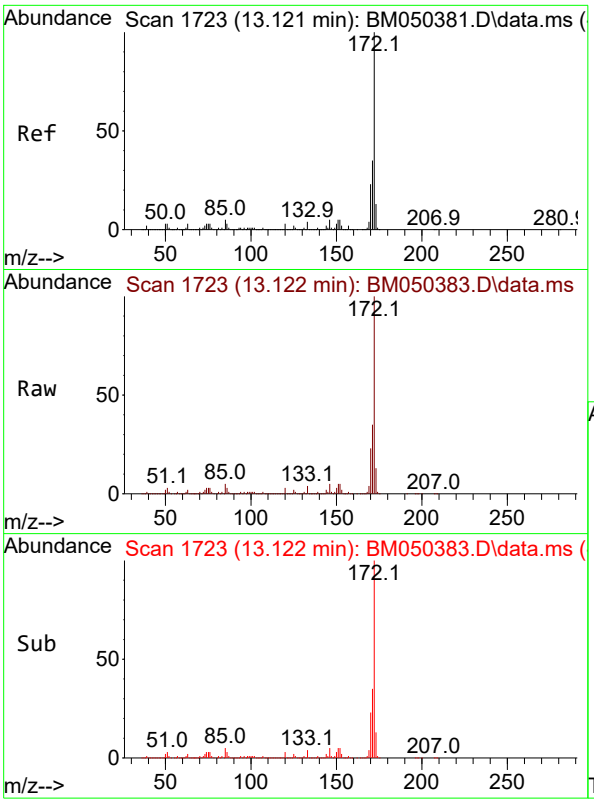


#44
2,4,5-Trichlorophenol
Concen: 65.913 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:196 Resp: 1407280

Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.2	115.8
97	44.0	36.2	54.4
132	23.8	19.9	29.9



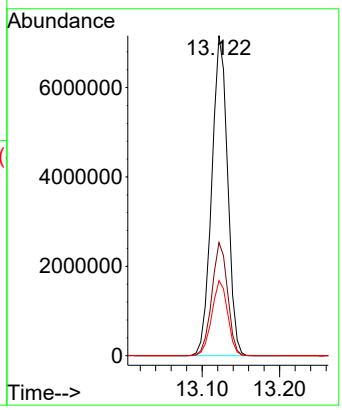


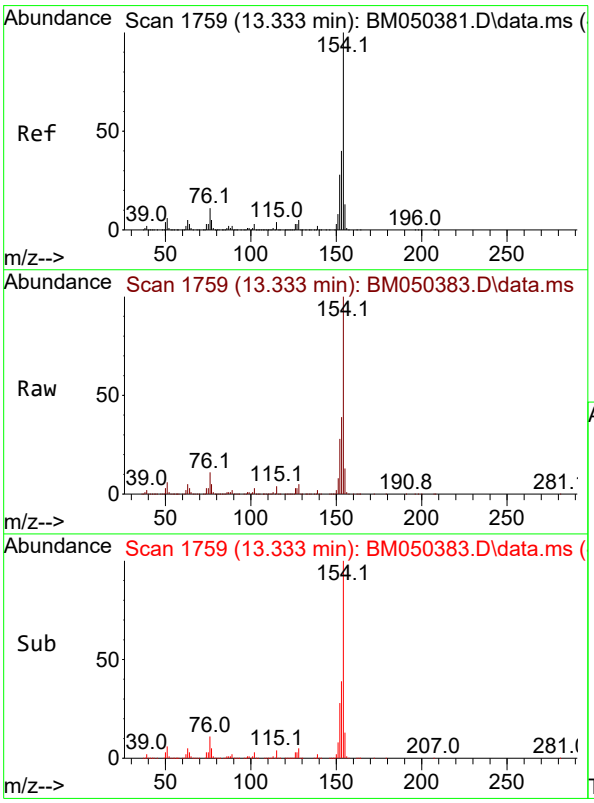
#45
2-Fluorobiphenyl
Concen: 125.724 ng
RT: 13.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp:10167533

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.7	41.5
170	23.5	18.8	28.2

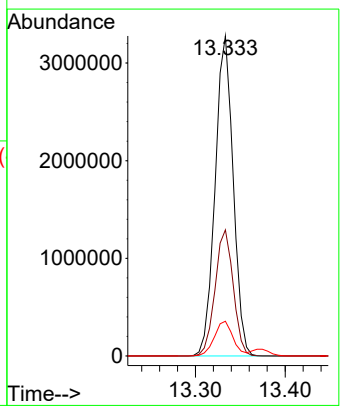


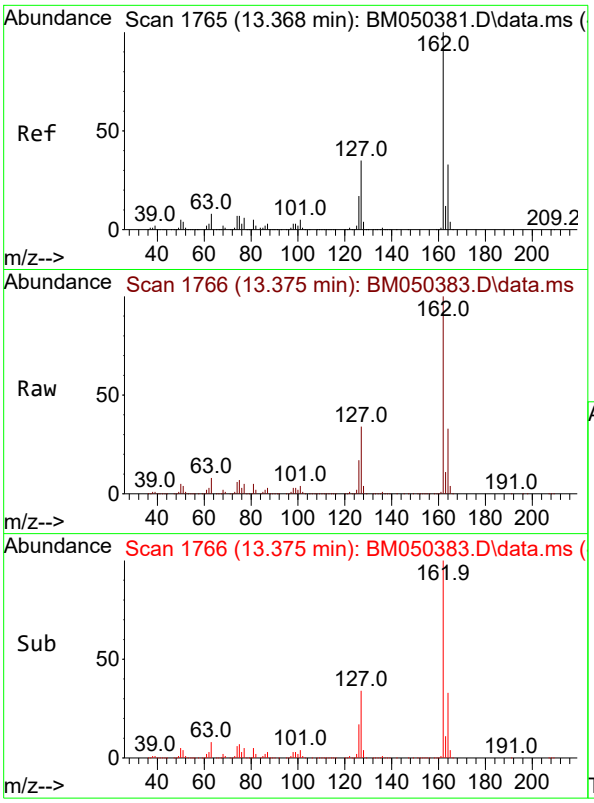


#46
1,1'-Biphenyl
Concen: 61.736 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:154 Resp: 4574537

Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.7	59.7
76	10.9	0.0	30.9



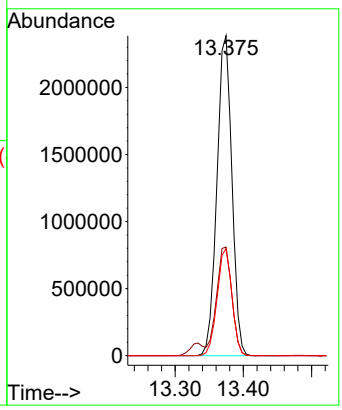


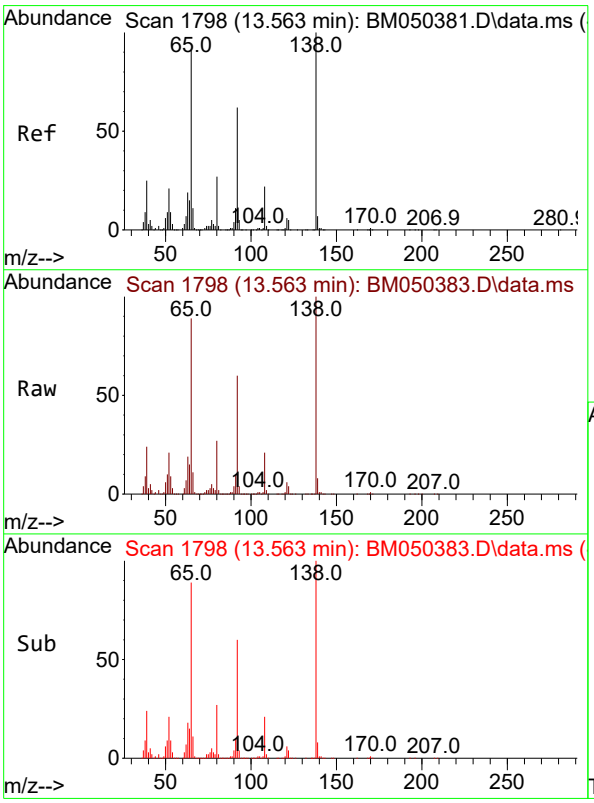
#47
2-Chloronaphthalene
Concen: 61.699 ng
RT: 13.375 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 3645124

Ion	Ratio	Lower	Upper
162	100		
127	34.0	28.3	42.5
164	33.4	26.6	40.0

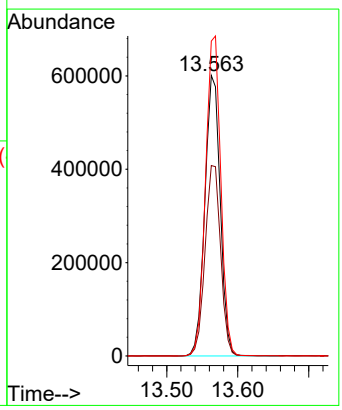


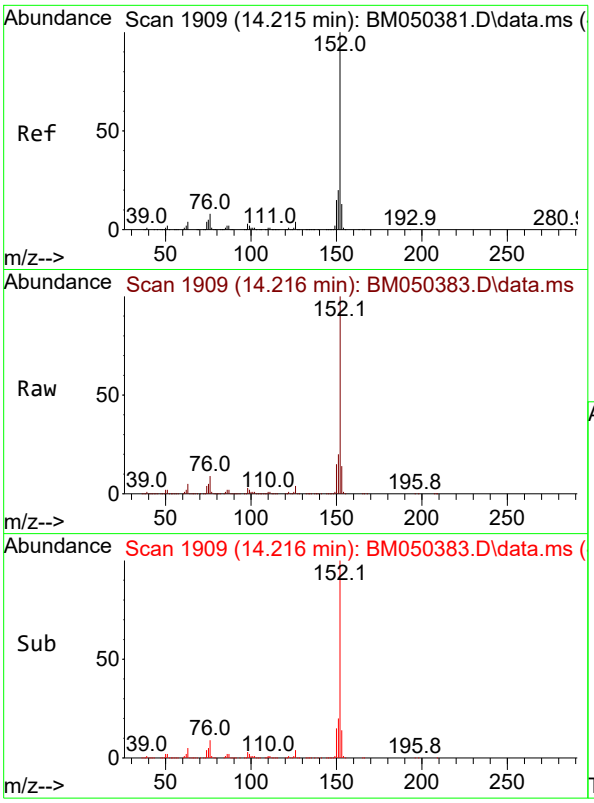


#48
2-Nitroaniline
Concen: 68.554 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 65 Resp: 904021

Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.3	81.5
138	112.3	87.8	131.6



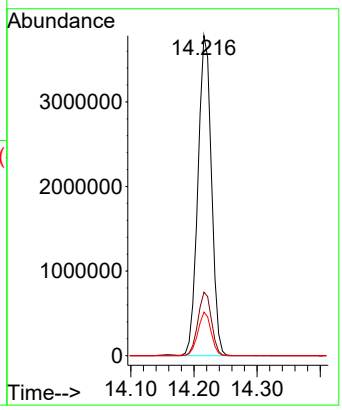


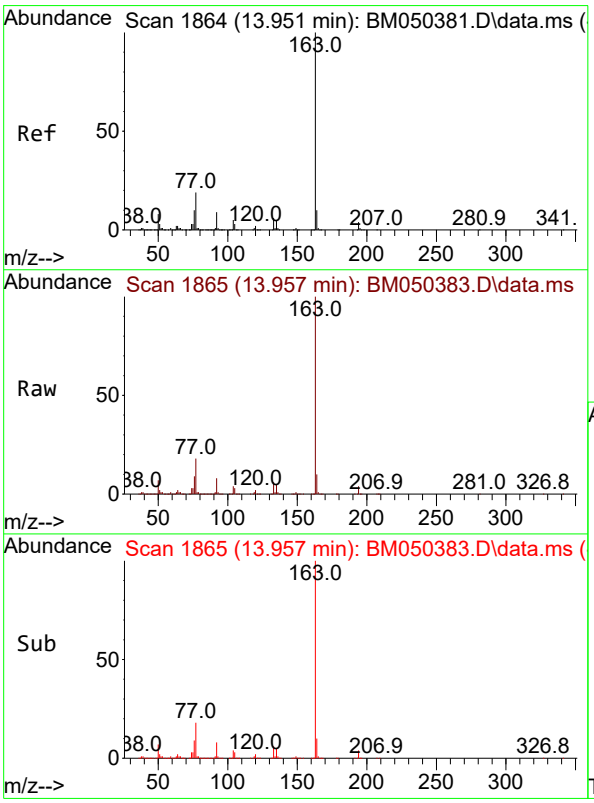
#49
Acenaphthylene
Concen: 62.931 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 5618754

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.6	10.6	15.8

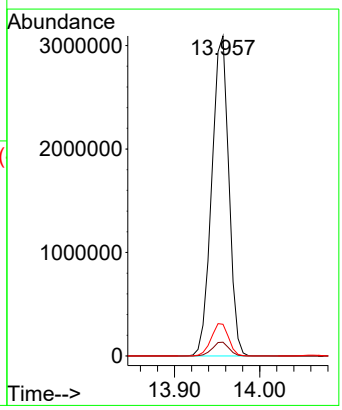


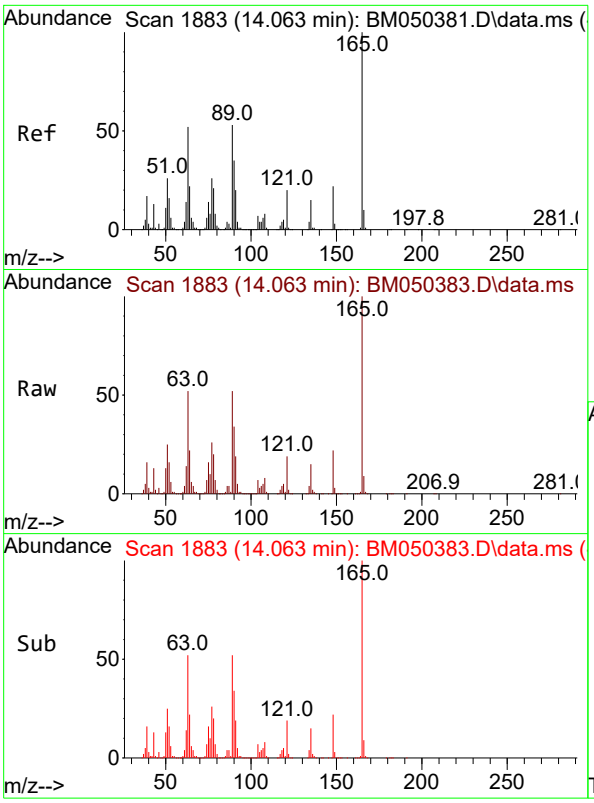


#50
Dimethylphthalate
Concen: 62.407 ng
RT: 13.957 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:163 Resp: 4291046

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.9	8.2	12.2



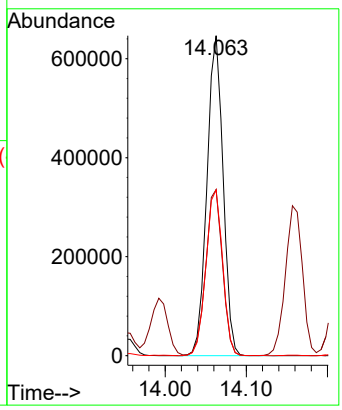


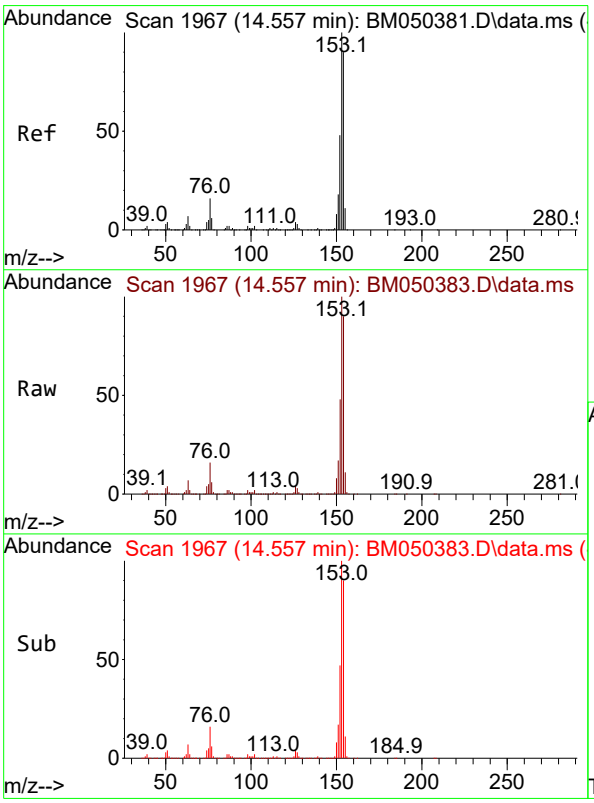
#51
2,6-Dinitrotoluene
Concen: 67.510 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 891260

Ion	Ratio	Lower	Upper
165	100		
63	51.9	42.4	63.6
89	51.8	42.2	63.2

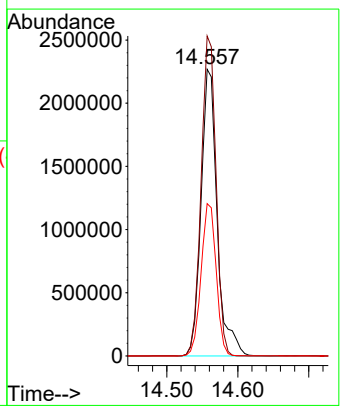


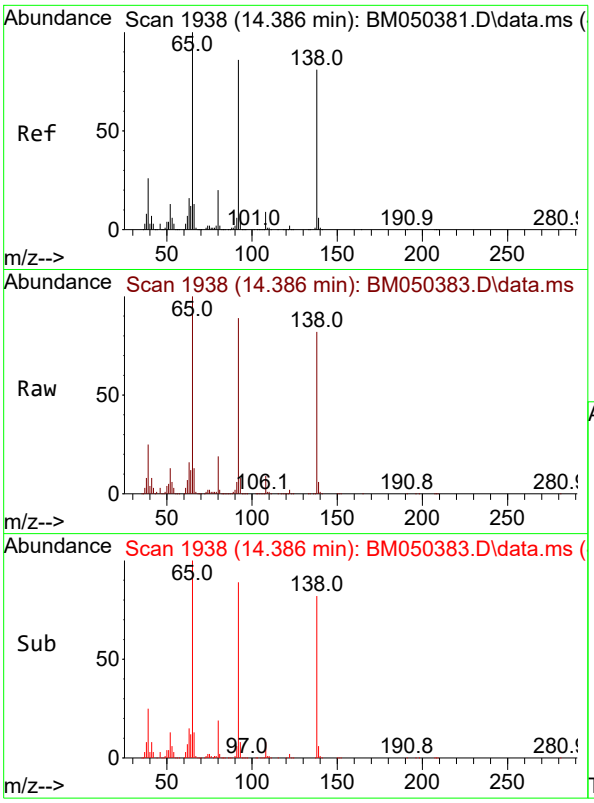


#52
Acenaphthene
Concen: 63.105 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:154 Resp: 3582059

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.2	133.8
152	53.1	42.6	64.0



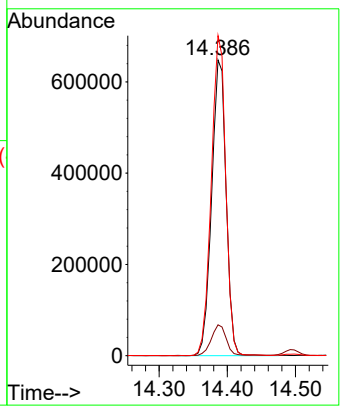


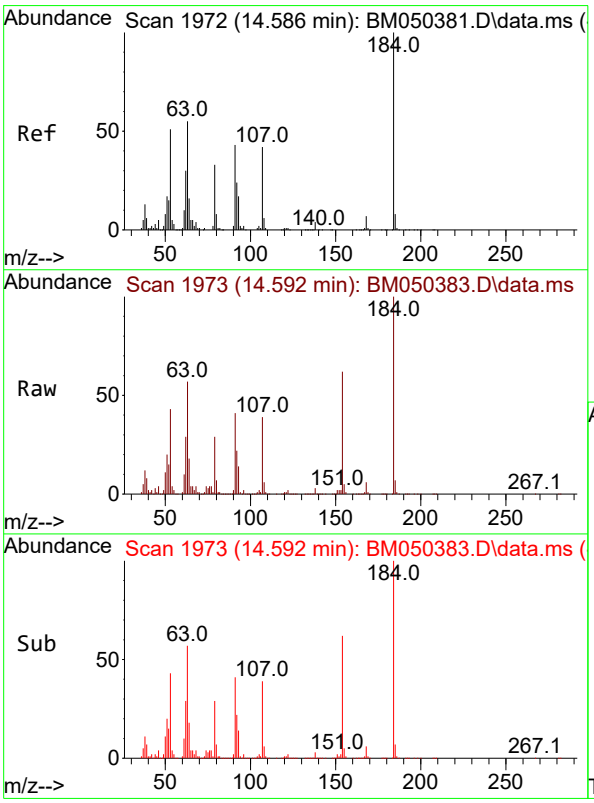
#53
3-Nitroaniline
Concen: 68.179 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 957239

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.8	13.2
92	108.2	85.0	127.6

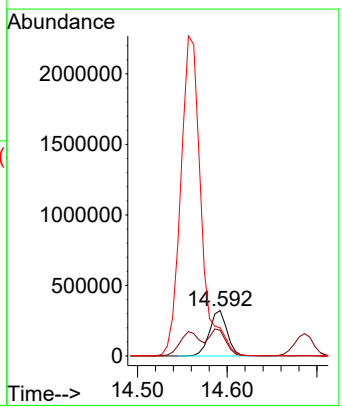


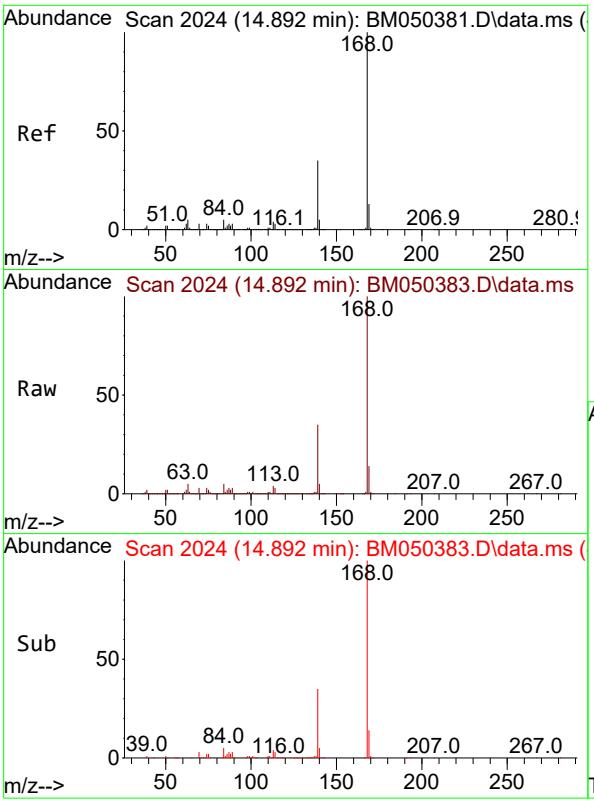


#54
2,4-Dinitrophenol
Concen: 61.898 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:184 Resp: 439445

Ion	Ratio	Lower	Upper
184	100		
63	56.9	53.4	80.0
154	62.1	61.6	92.4



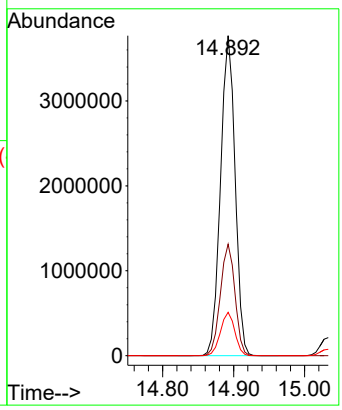


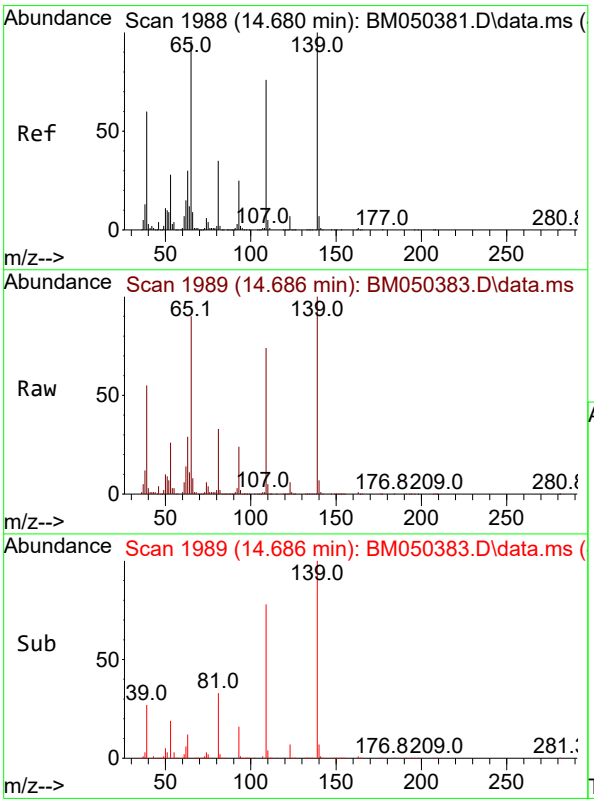
#55
Dibenzofuran
Concen: 61.102 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 5344109

Ion	Ratio	Lower	Upper
168	100		
139	34.8	27.7	41.5
169	13.5	10.7	16.1

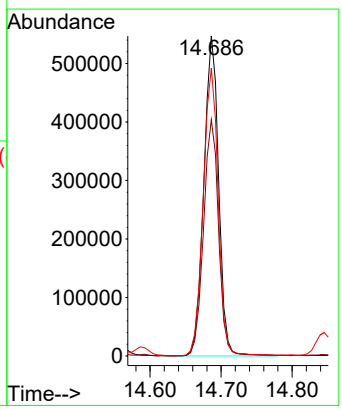


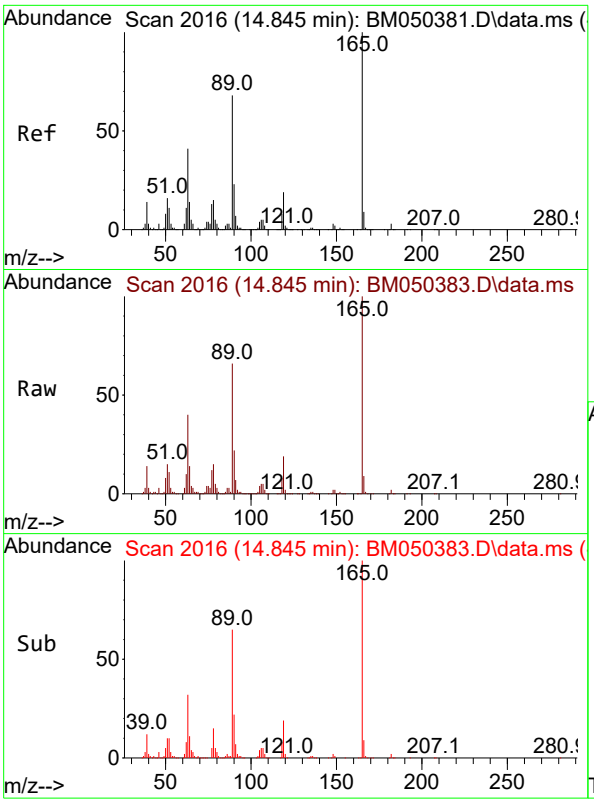


#56
4-Nitrophenol
Concen: 65.804 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:139 Resp: 794516

Ion	Ratio	Lower	Upper
139	100		
109	73.8	56.5	96.5
65	89.9	76.4	116.4



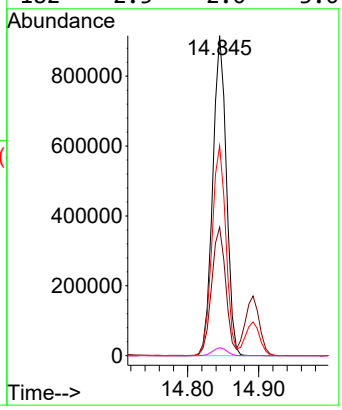


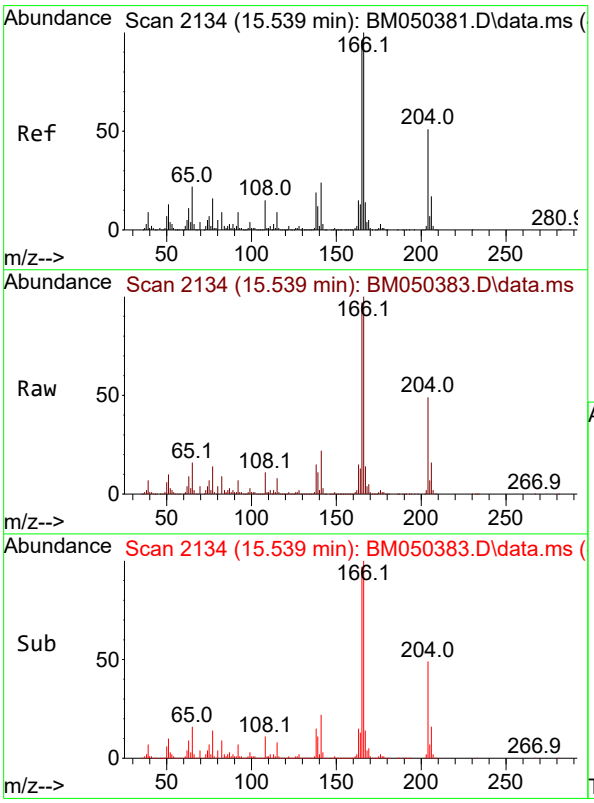
#57
2,4-Dinitrotoluene
Concen: 60.887 ng
RT: 14.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1218665

Ion	Ratio	Lower	Upper
165	100		
63	40.2	32.5	48.7
89	65.6	54.0	81.0
182	2.5	2.0	3.0

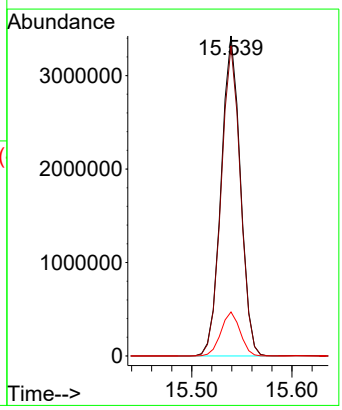


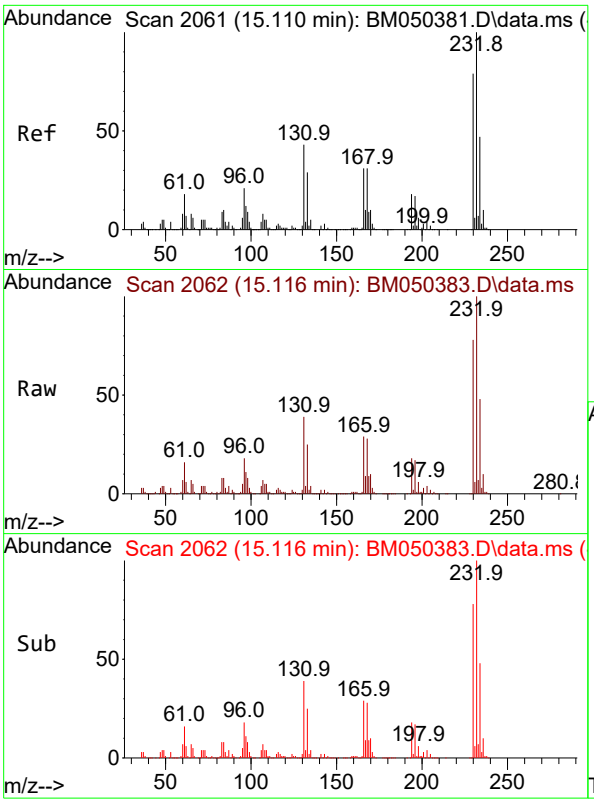


#58
Fluorene
Concen: 63.309 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:166 Resp: 4560797

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.0	115.6
167	13.8	10.9	16.3



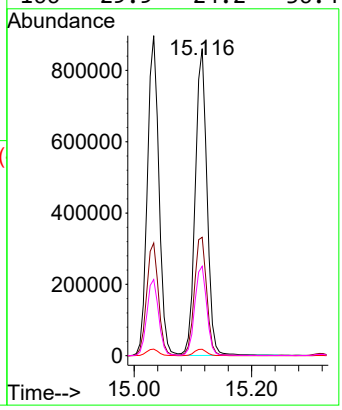


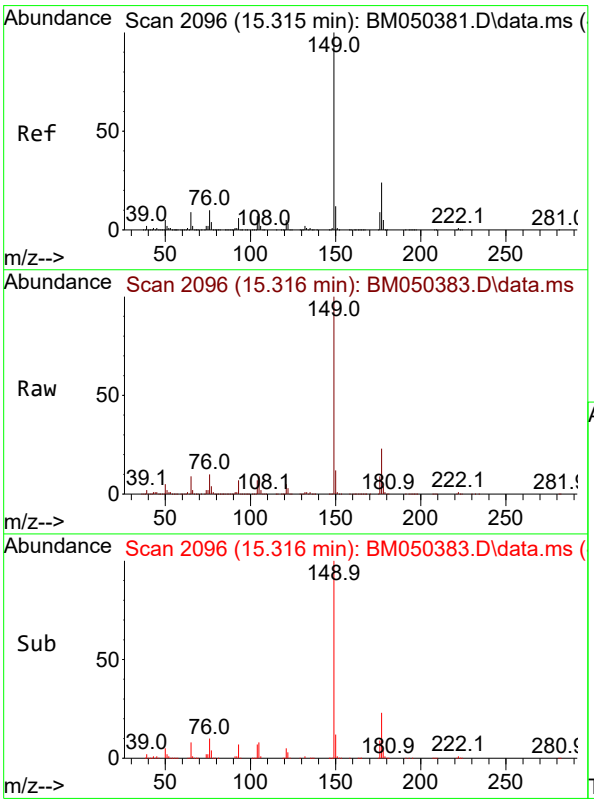
#59
2,3,4,6-Tetrachlorophenol
Concen: 66.202 ng
RT: 15.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 1189838

Ion	Ratio	Lower	Upper
232	100		
131	40.7	33.4	50.0
130	2.2	1.8	2.6
166	29.9	24.2	36.4

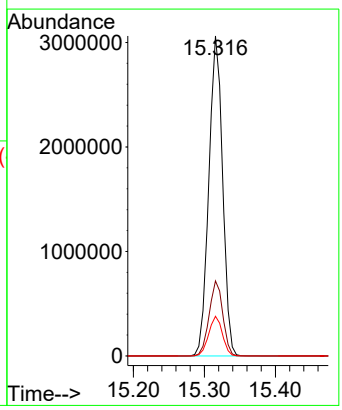


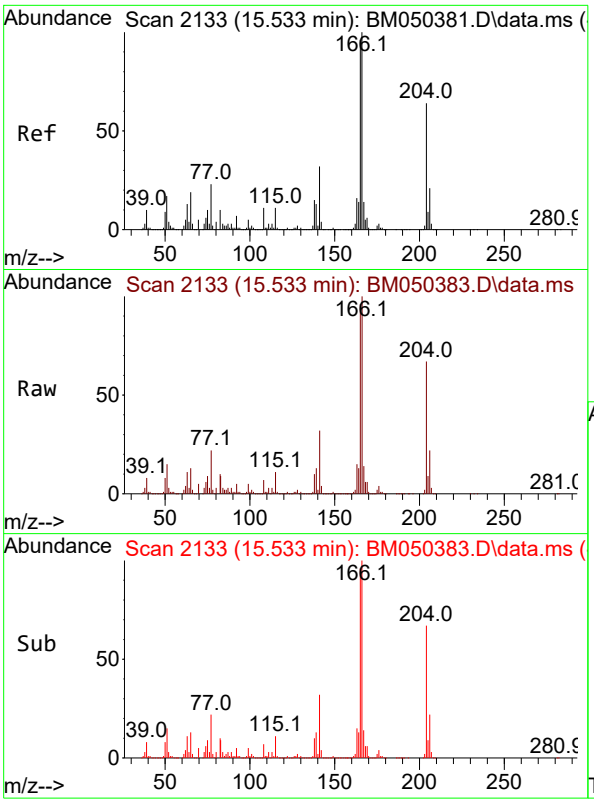


#60
Diethylphthalate
Concen: 62.882 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 4130183

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.8	28.2
150	12.4	9.8	14.8



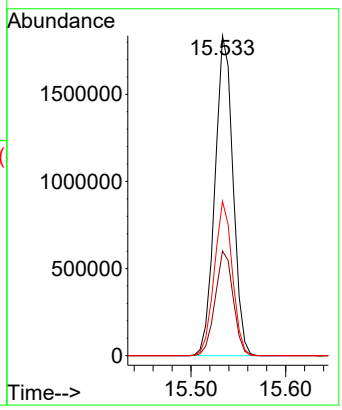


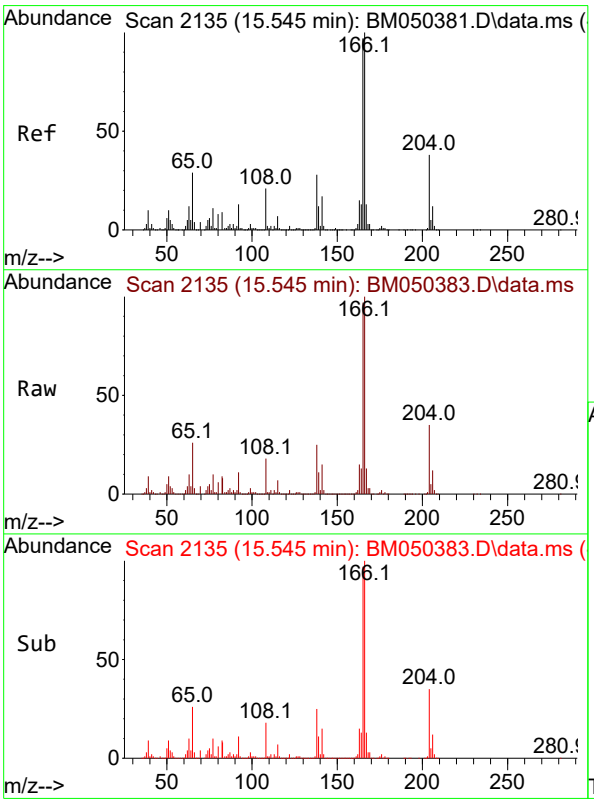
#61
4-Chlorophenyl-phenylether
Concen: 64.533 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 2430909

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	48.2	39.9	59.9

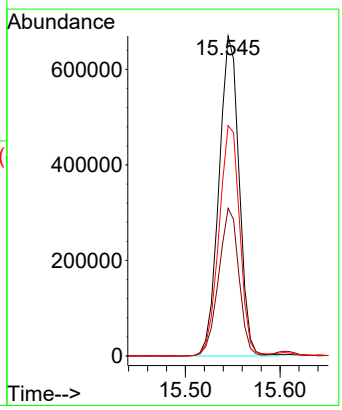


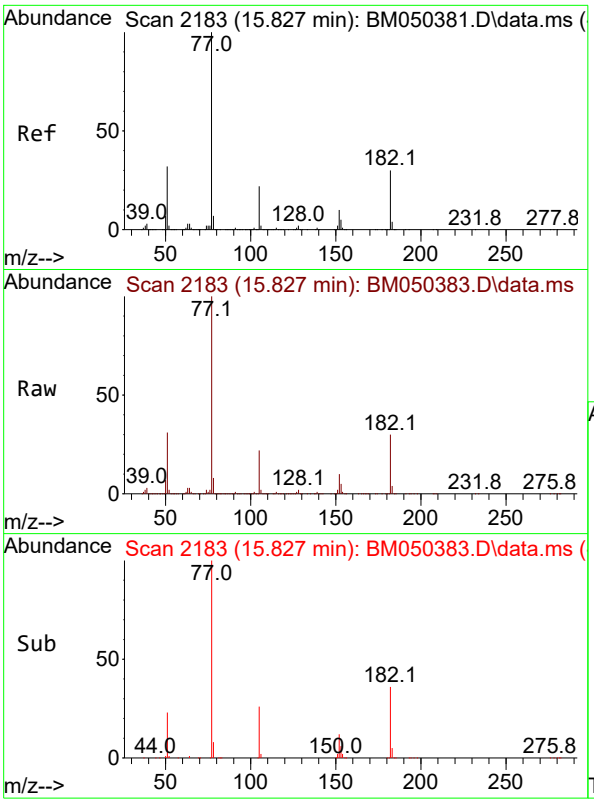


#62
4-Nitroaniline
Concen: 60.686 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:138 Resp: 991212

Ion	Ratio	Lower	Upper
138	100		
92	46.2	24.5	64.5
108	72.0	52.5	92.5



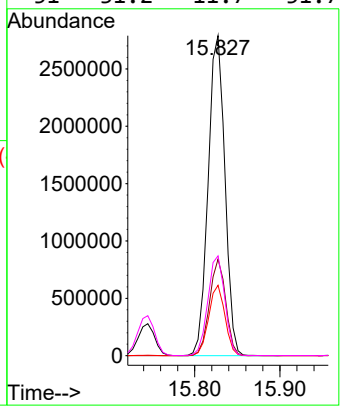


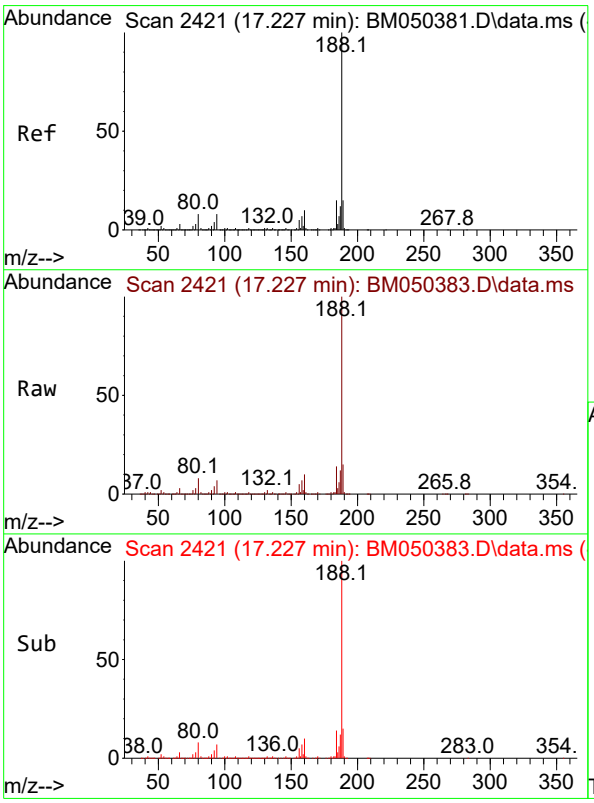
#63
Azobenzene
Concen: 63.206 ng
RT: 15.827 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 3812033

Ion	Ratio	Lower	Upper
77	100		
182	30.1	10.0	50.0
105	22.0	2.0	42.0
51	31.2	11.7	51.7

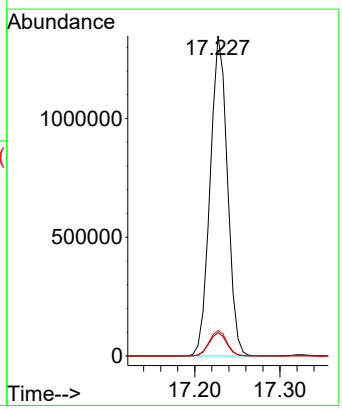


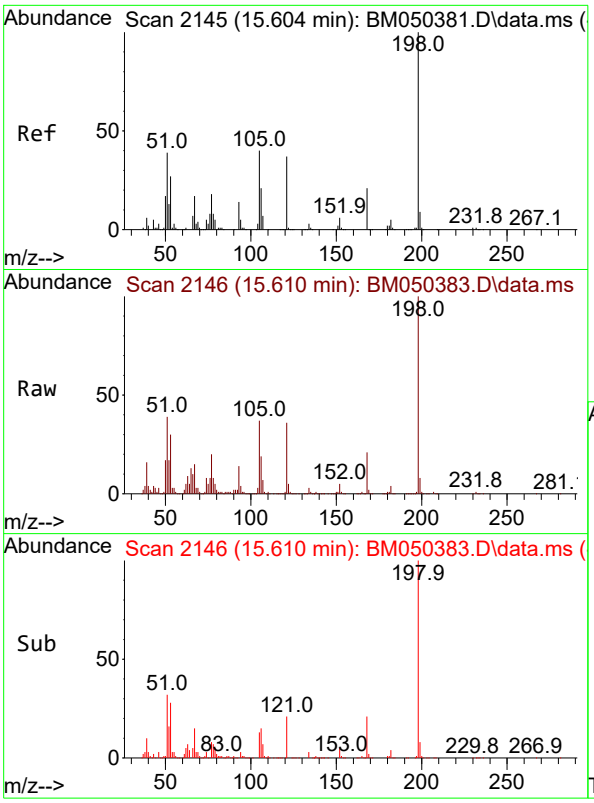


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:188 Resp: 1896999

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	8.0	6.5	9.7



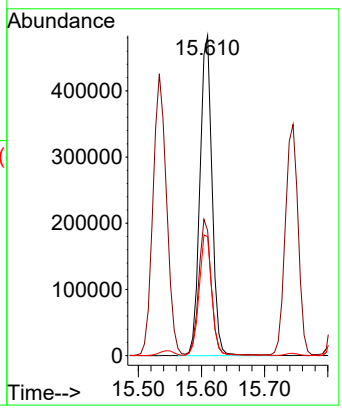


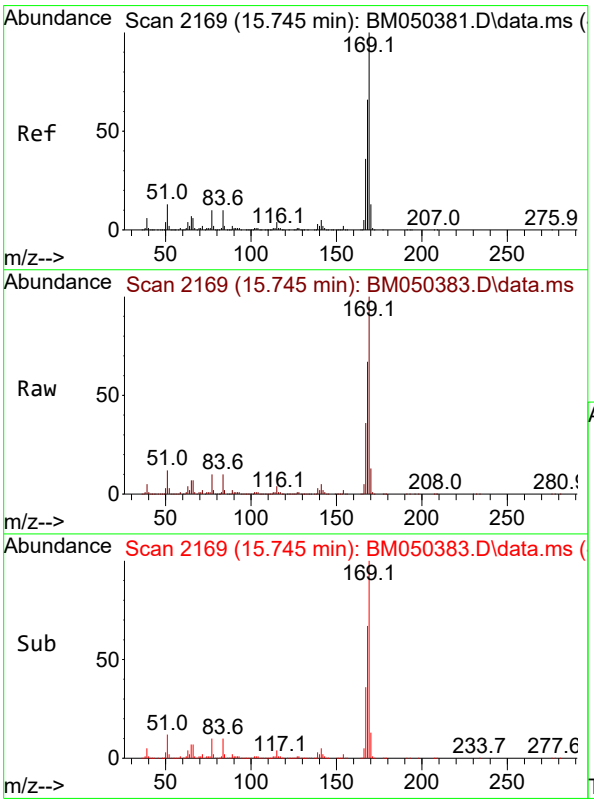
#65
4,6-Dinitro-2-methylphenol
Concen: 61.235 ng
RT: 15.610 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 645034

Ion	Ratio	Lower	Upper
198	100		
51	39.1	26.6	66.6
105	37.2	20.9	60.9

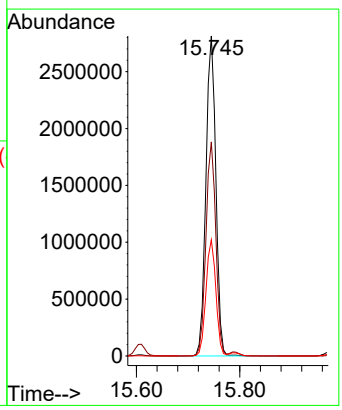


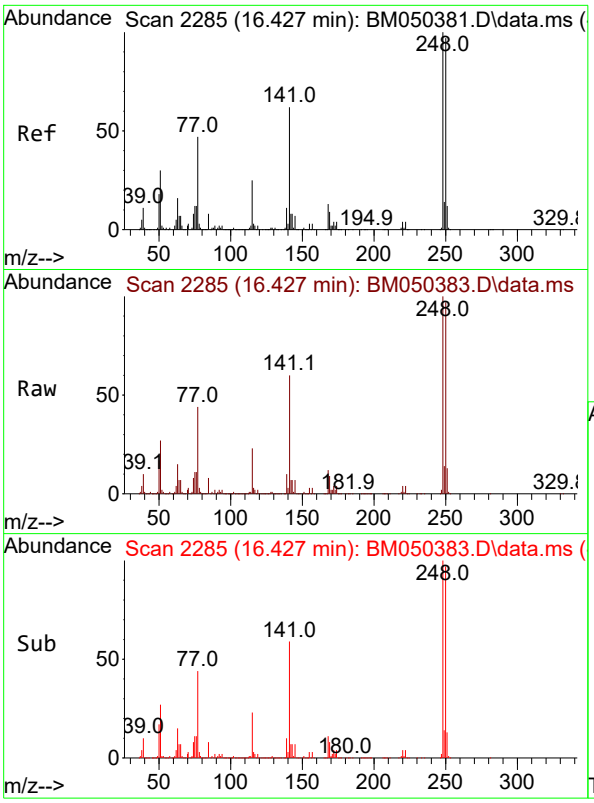


#66
n-Nitrosodiphenylamine
Concen: 63.087 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:169 Resp: 3744872

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	36.3	28.7	43.1



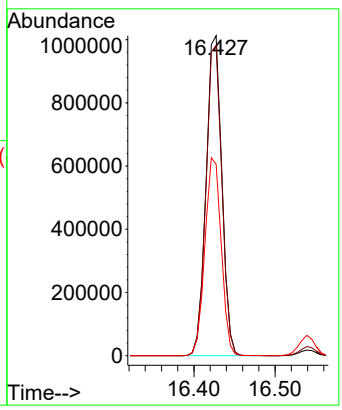


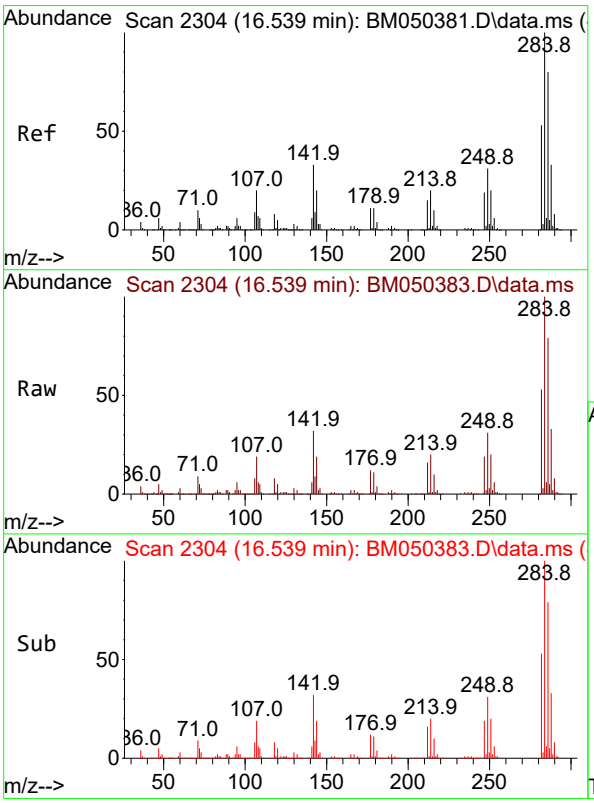
#67
4-Bromophenyl-phenylether
Concen: 65.485 ng
RT: 16.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 1368680

Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.9	116.9
141	59.8	49.7	74.5

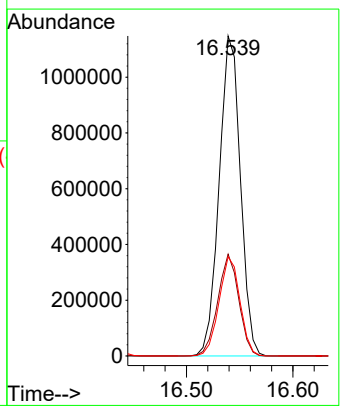


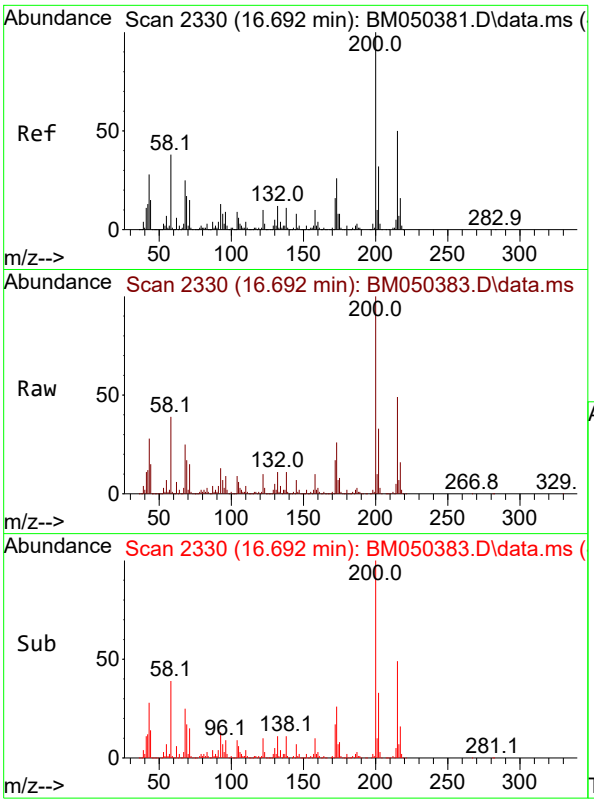


#68
Hexachlorobenzene
Concen: 64.288 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:284 Resp: 1586965

Ion	Ratio	Lower	Upper
284	100		
142	31.8	26.8	40.2
249	31.0	24.5	36.7



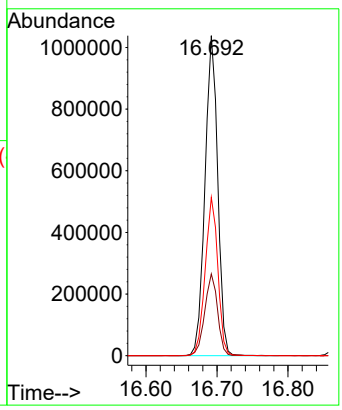


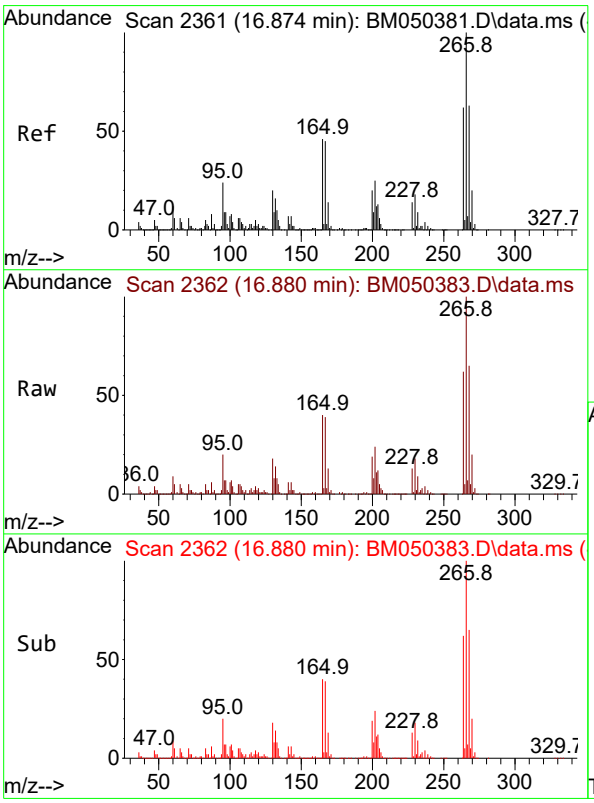
#69
Atrazine
Concen: 66.510 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 1296405

Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.6	45.6
215	49.5	29.6	69.6

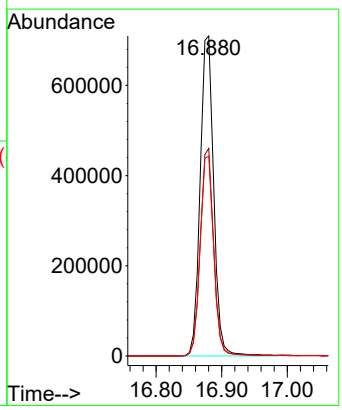


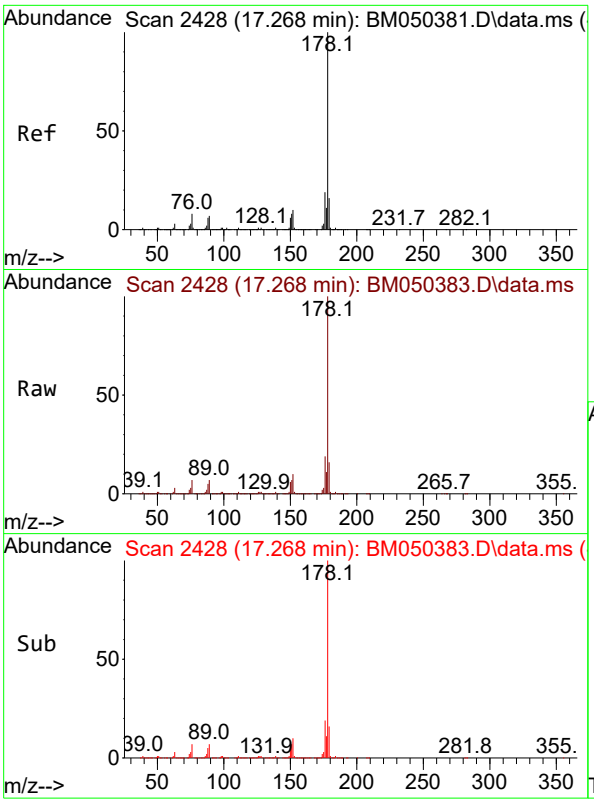


#70
Pentachlorophenol
Concen: 66.535 ng
RT: 16.880 min Scan# 2362
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:266 Resp: 1022433

Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.5	75.7
264	62.5	49.9	74.9



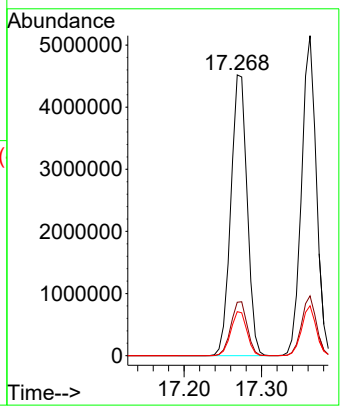


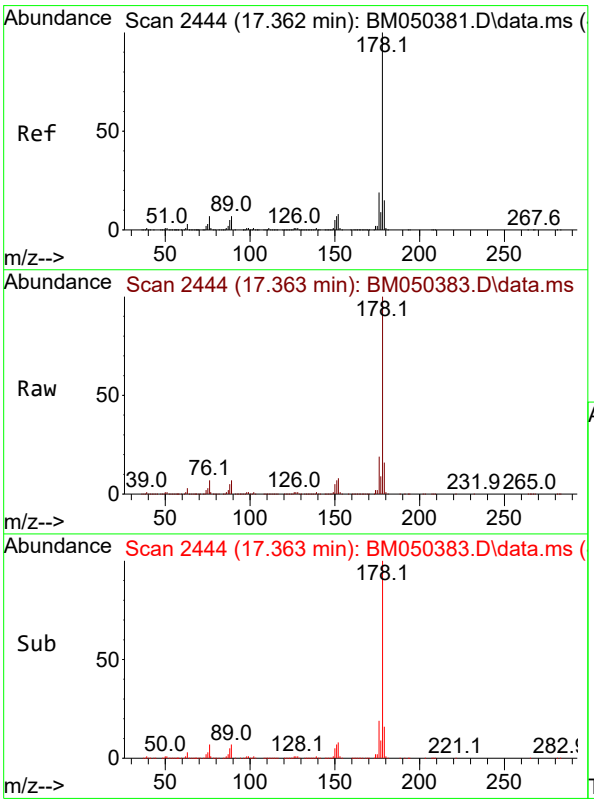
#71
Phenanthrene
Concen: 61.658 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 6618592

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.7	12.5	18.7

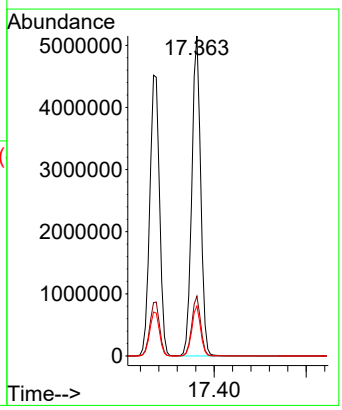


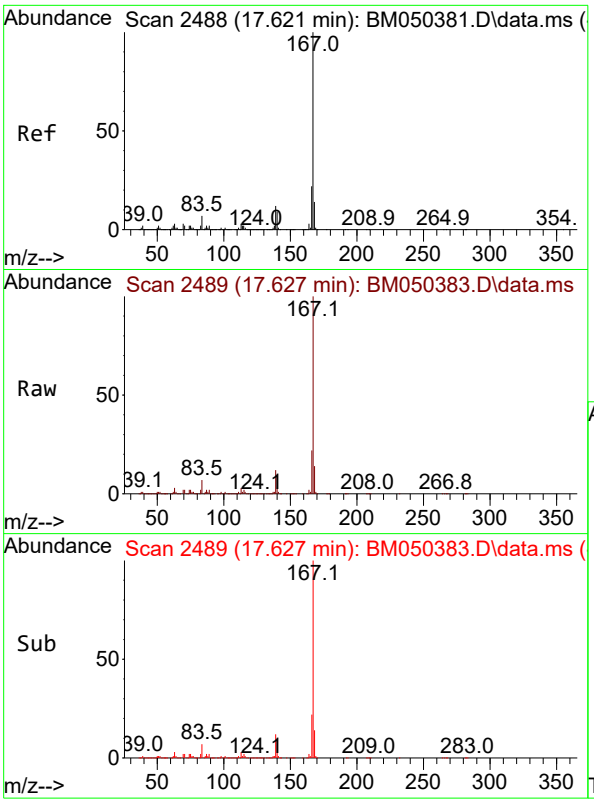


#72
Anthracene
Concen: 64.102 ng
RT: 17.363 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:178 Resp: 6849285

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.6	12.2	18.4



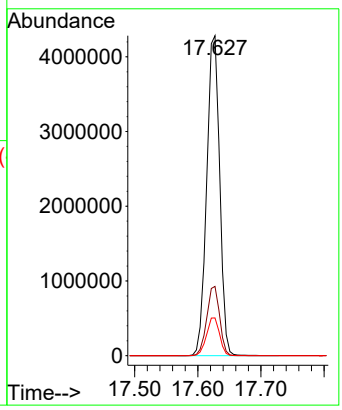


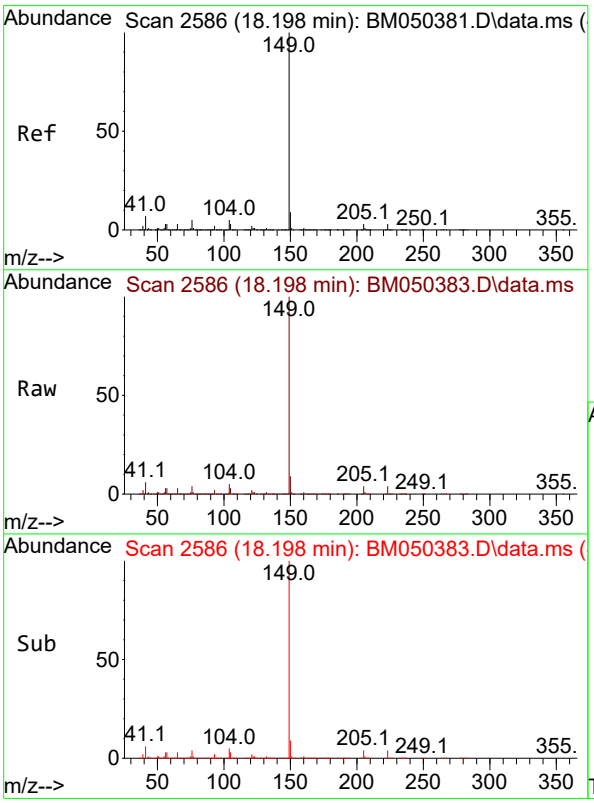
#73
Carbazole
Concen: 63.161 ng
RT: 17.627 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 6106388

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	11.8	9.9	14.9

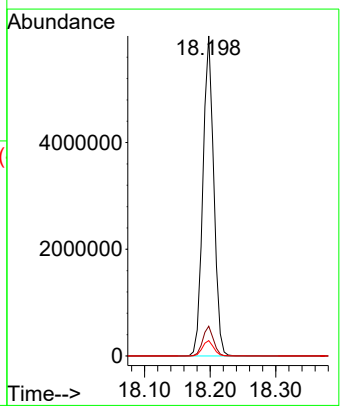


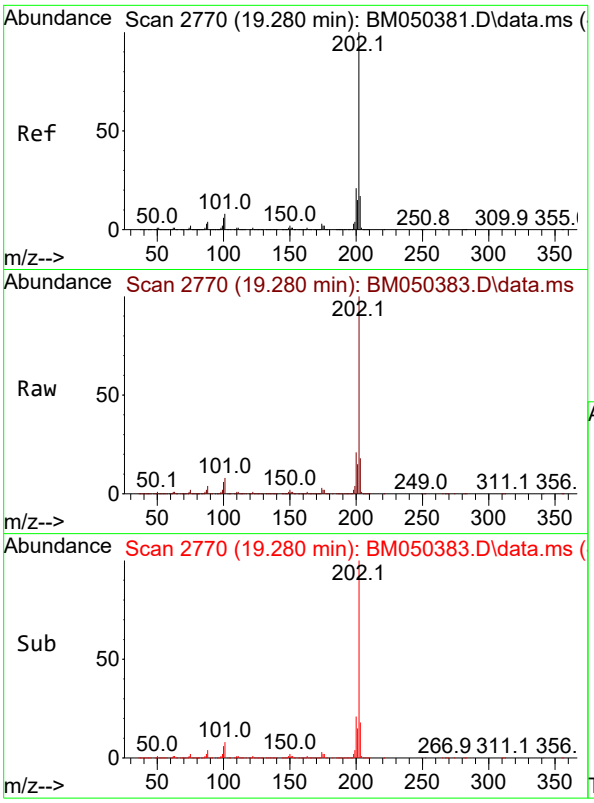


#74
Di-n-butylphthalate
Concen: 65.398 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 6920453

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.9	5.9



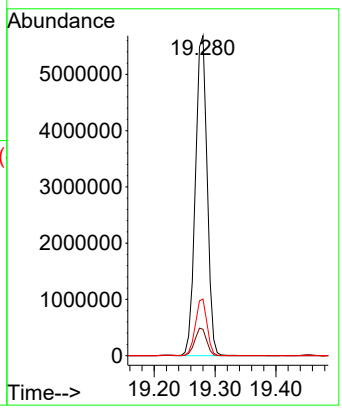


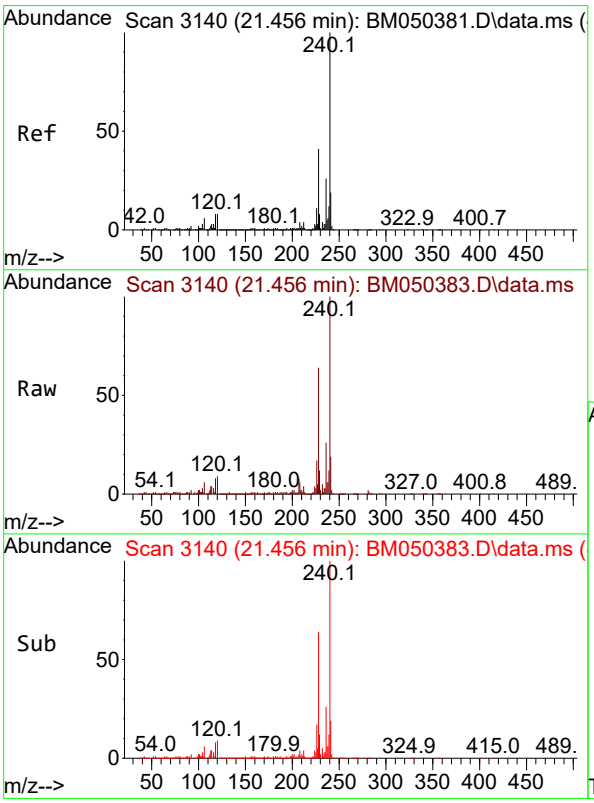
#75
Fluoranthene
Concen: 65.290 ng
RT: 19.280 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 7618952

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	17.7	0.0	37.2

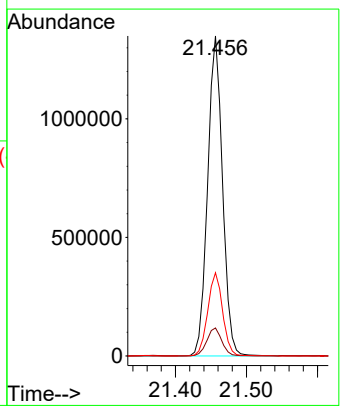


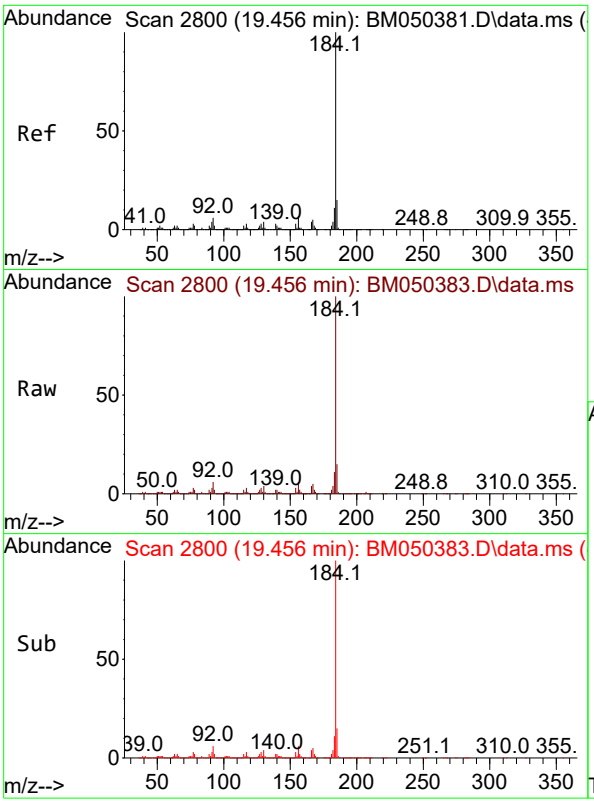


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:240 Resp: 1968054

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.7	10.1
236	26.0	20.7	31.1



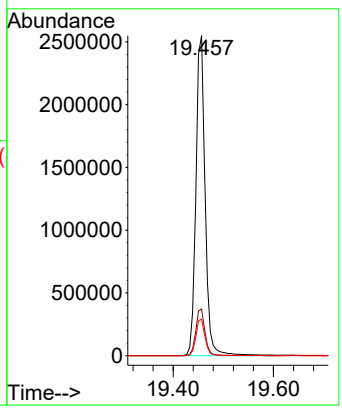


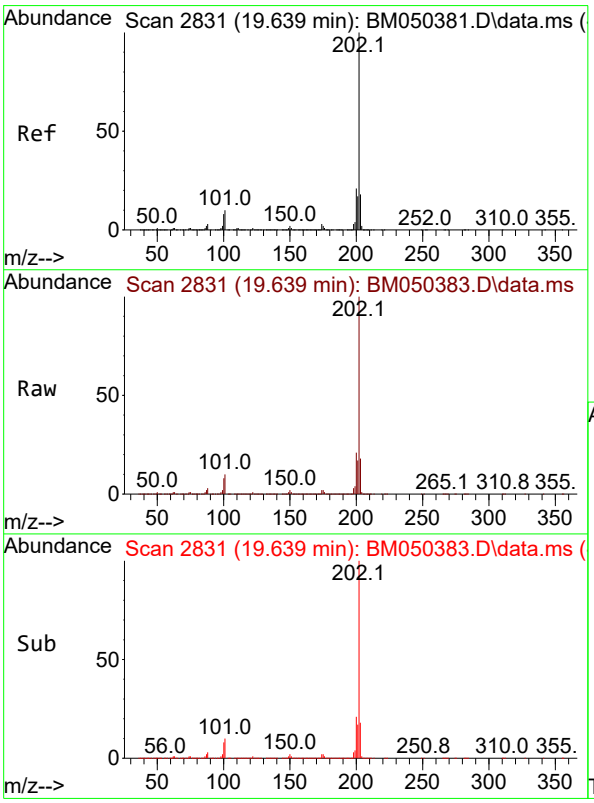
#77
Benzidine
Concen: 64.872 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 3256422

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	11.5	9.0	13.6

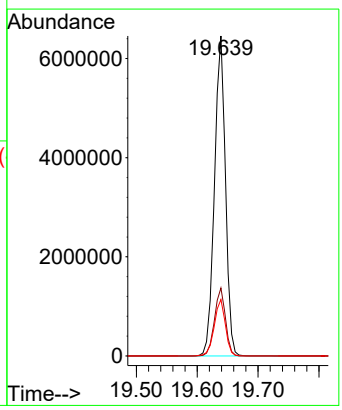


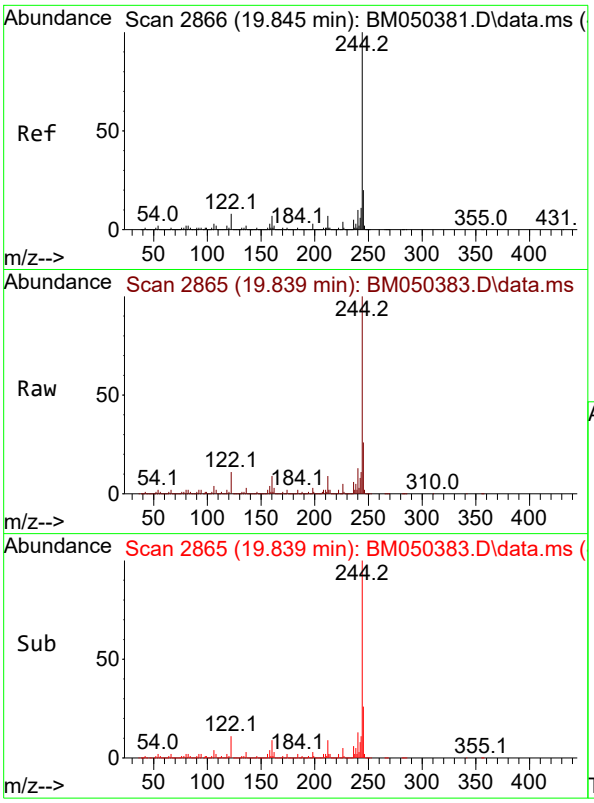


#78
Pyrene
Concen: 64.009 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:202 Resp: 8067941

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.7	14.1	21.1



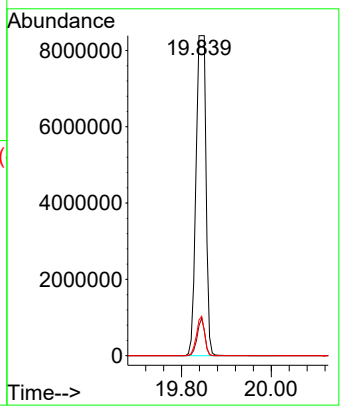


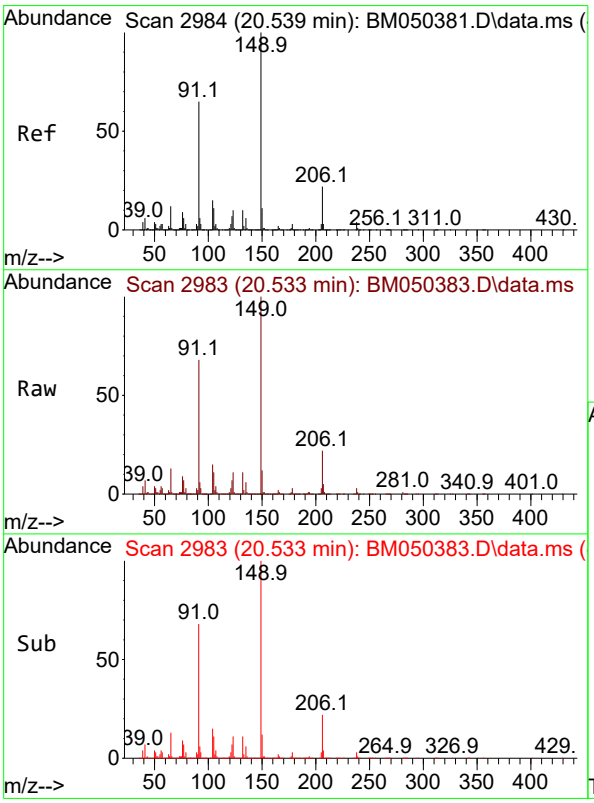
#79
Terphenyl-d14
Concen: 115.460 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp:12914894

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.7	8.5#
122	11.2	6.2	9.2#

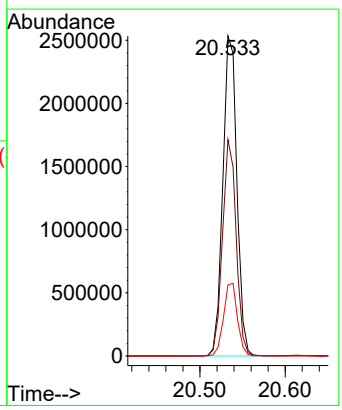


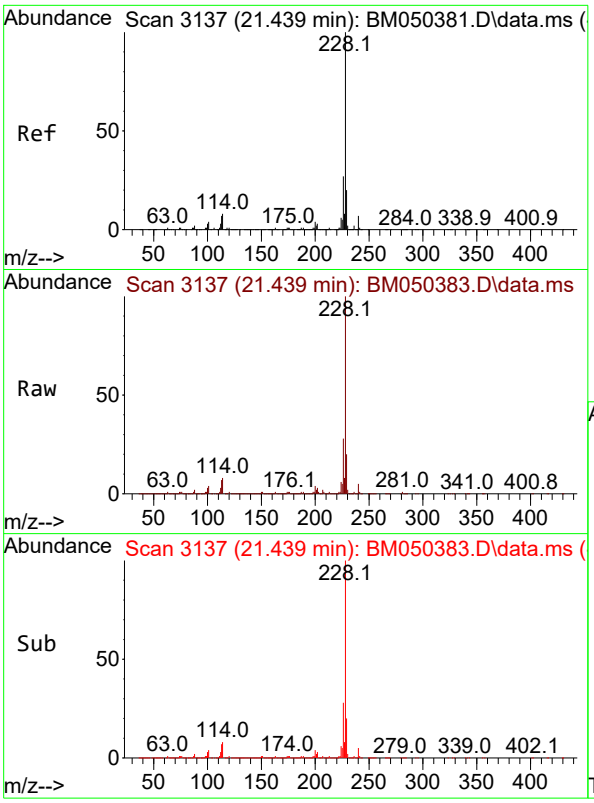


#80
Butylbenzylphthalate
Concen: 69.782 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 2900200

Ion	Ratio	Lower	Upper
149	100		
91	67.6	51.6	77.4
206	22.2	17.8	26.8



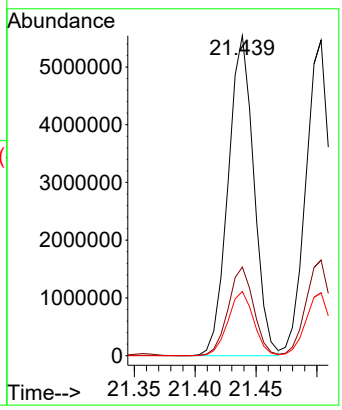


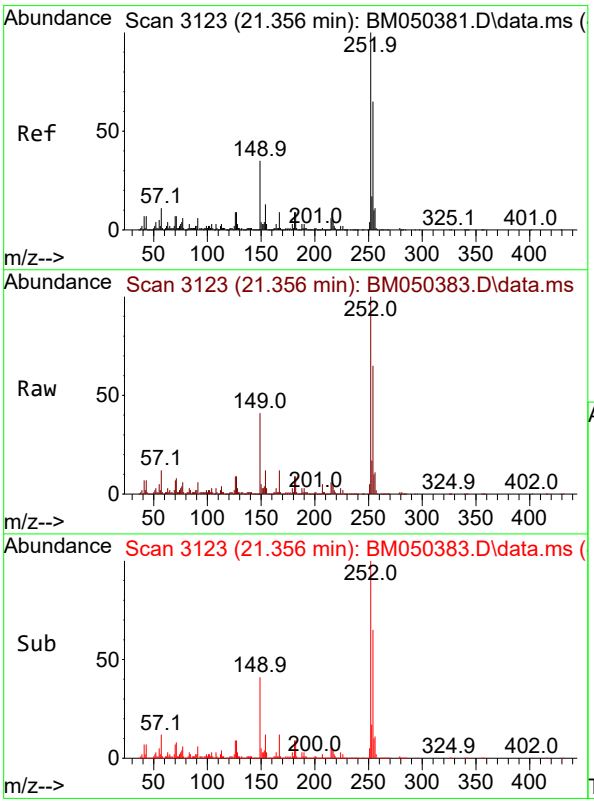
#81
Benzo(a)anthracene
Concen: 63.495 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 8142088

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.1	16.0	24.0

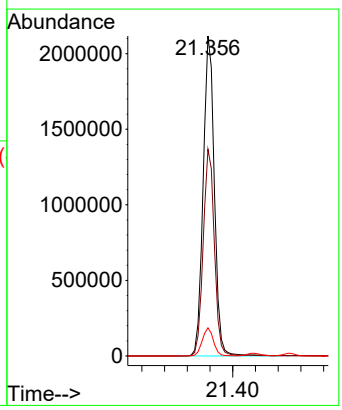


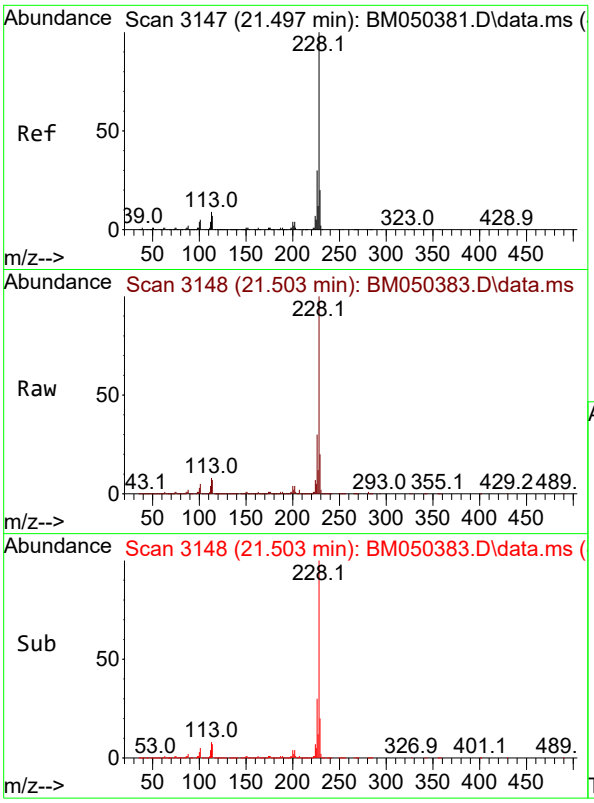


#82
3,3'-Dichlorobenzidine
Concen: 66.553 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 2878037

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	8.8	7.3	10.9



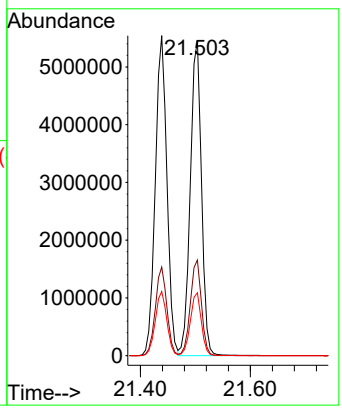


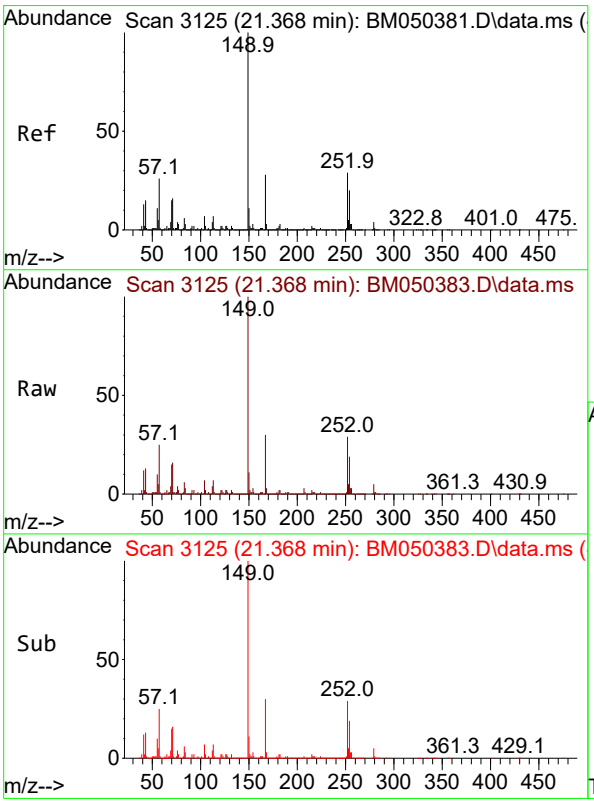
#83
Chrysene
Concen: 63.587 ng
RT: 21.503 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 7690956

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.9	15.8	23.6

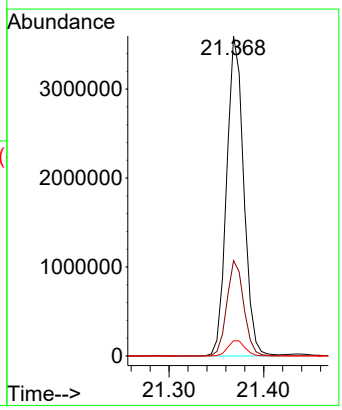


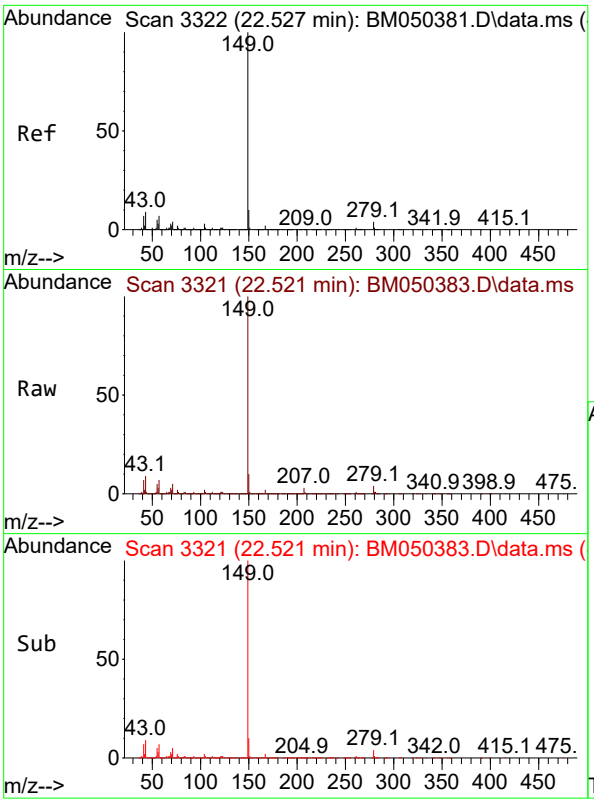


#84
Bis(2-ethylhexyl)phthalate
Concen: 68.268 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 4504059

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.7	34.1
279	4.7	3.5	5.3



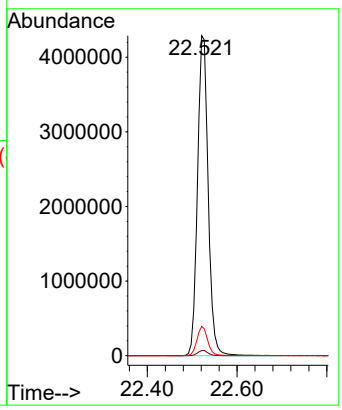


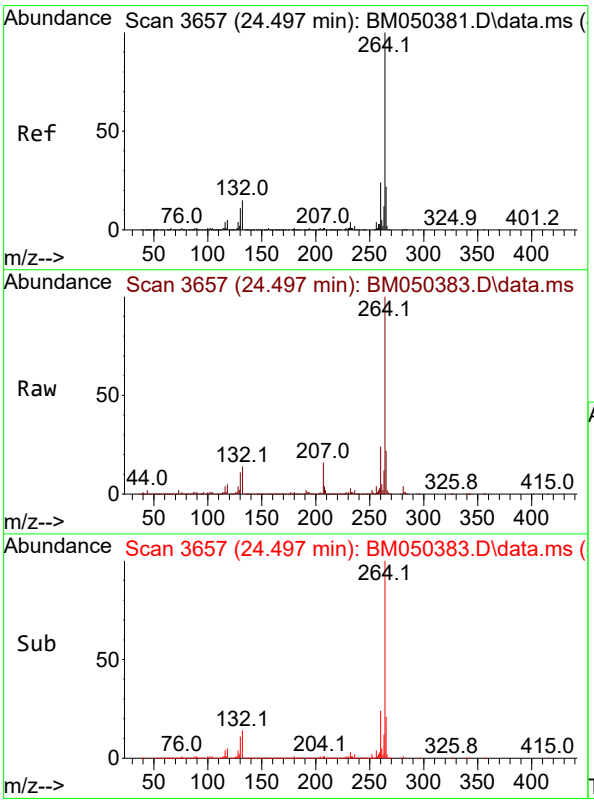
#85
Di-n-octyl phthalate
Concen: 68.206 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 7047940

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.7	11.5

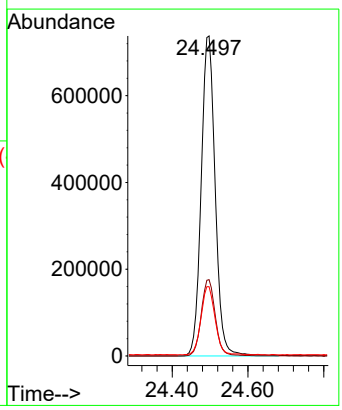


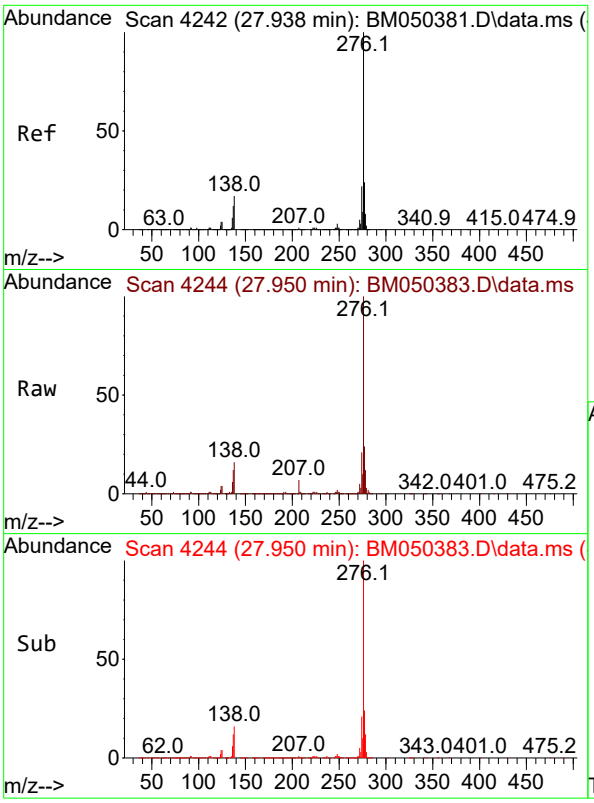


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:264 Resp: 1889317

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.8	26.6



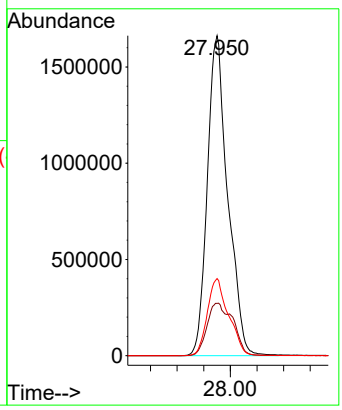


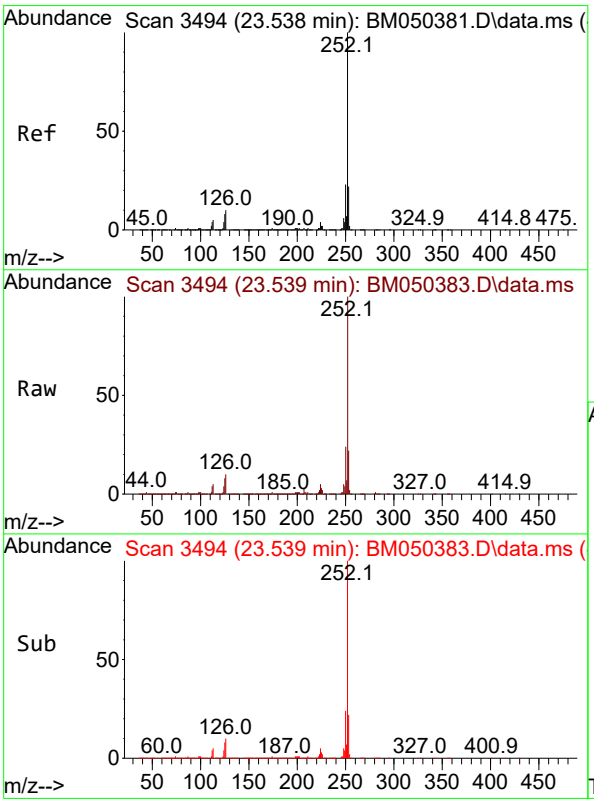
#87
Indeno(1,2,3-cd)pyrene
Concen: 66.007 ng
RT: 27.950 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 8866549

Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.0	25.6
277	25.2	20.0	30.0

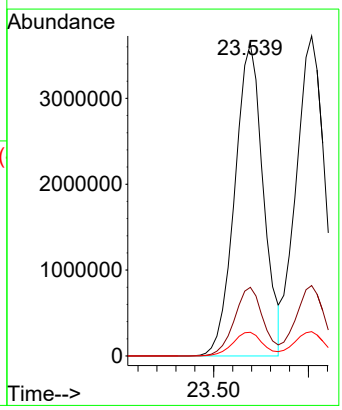


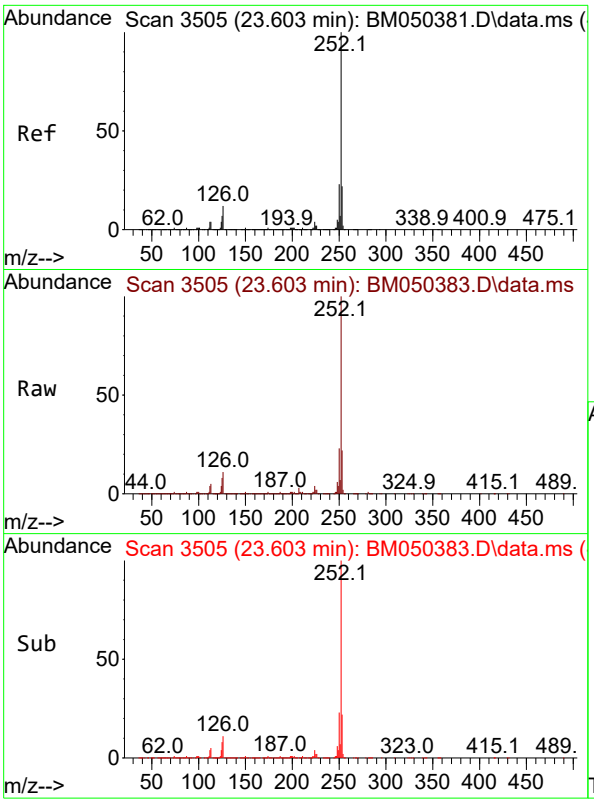


#88
Benzo(b)fluoranthene
Concen: 65.548 ng
RT: 23.539 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 7617485

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.6	6.3	9.5



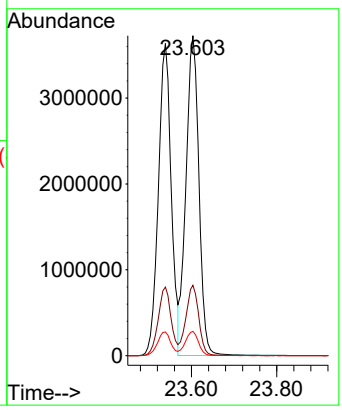


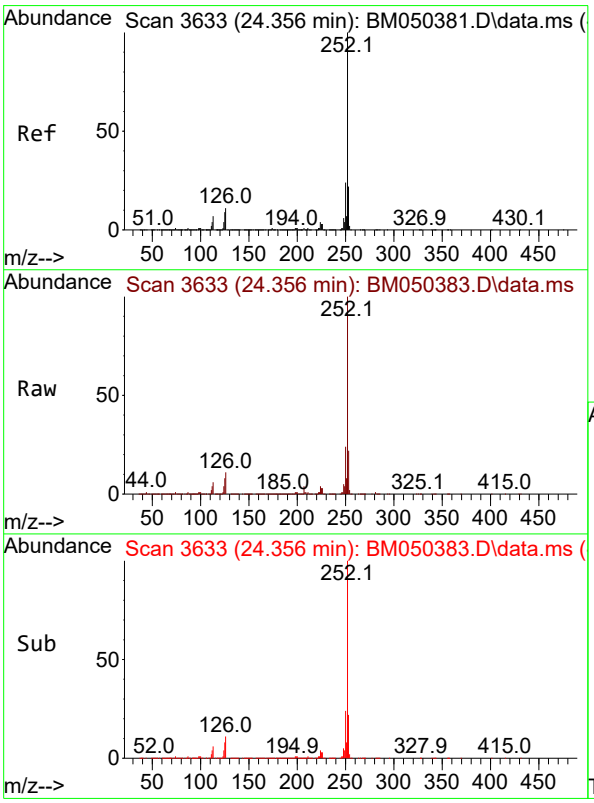
#89
Benzo(k)fluoranthene
Concen: 65.192 ng
RT: 23.603 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 7861158

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.6	6.2	9.2

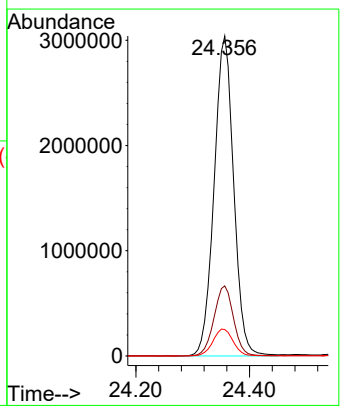


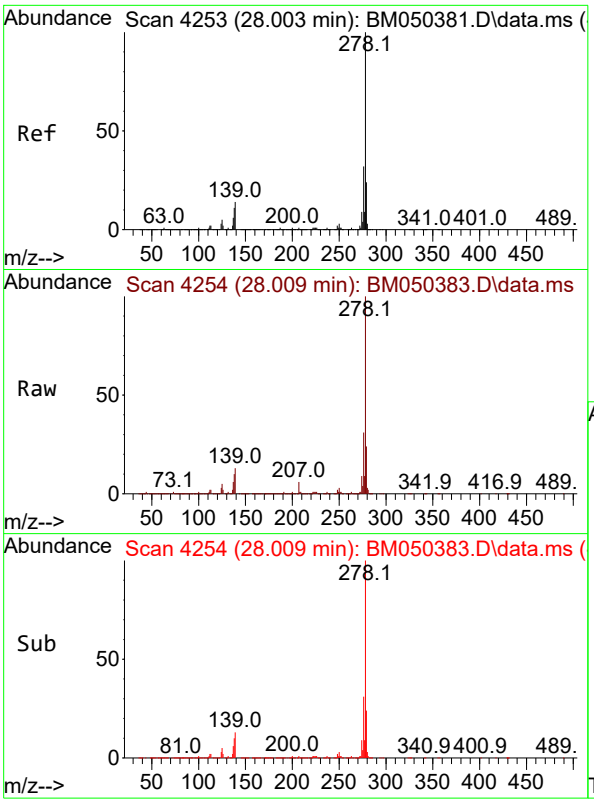


#90
Benzo(a)pyrene
Concen: 66.744 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 7260855

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.2	7.0	10.4



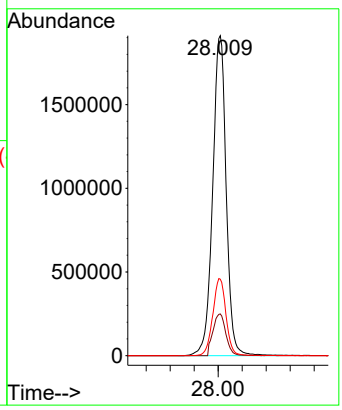


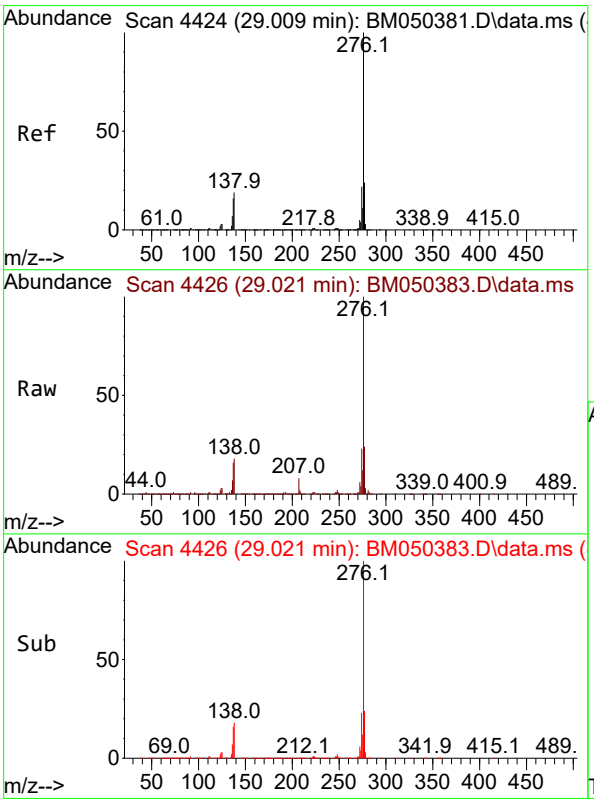
#91
Dibenzo(a,h)anthracene
Concen: 66.155 ng
RT: 28.009 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 7483970

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.8	16.2
279	23.9	19.4	29.0

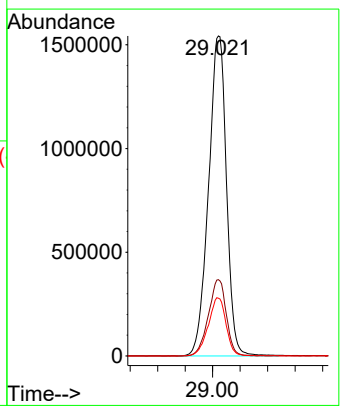




#92
Benzo(g,h,i)perylene
Concen: 65.319 ng
RT: 29.021 min Scan# 4426
Delta R.T. 0.012 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:276 Resp: 6983867

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	18.1	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	429681	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1643859	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	1043719	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1944455	20.000	ng	0.00
76) Chrysene-d12	21.457	240	2055292	20.000	ng	0.00
86) Perylene-d12	24.498	264	1953481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	4014825	160.835	ng	0.00
7) Phenol-d6	7.028	99	5149049	163.630	ng	0.00
23) Nitrobenzene-d5	9.028	82	5264647	163.391	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	2335664	184.182	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	13148691	155.576	ng	0.00
79) Terphenyl-d14	19.839	244	14435460	123.577	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	785309	76.507	ng	99
3) Pyridine	3.734	79	2123609	78.804	ng	98
4) n-Nitrosodimethylamine	3.640	42	970223	77.228	ng	96
6) Aniline	7.193	93	3301305	81.748	ng	99
8) 2-Chlorophenol	7.428	128	2162654	82.163	ng	99
10) Phenol	7.052	94	2637766	80.368	ng	100
11) bis(2-Chloroethyl)ether	7.287	93	2092911	79.625	ng	99
12) 1,3-Dichlorobenzene	7.757	146	2517372	78.654	ng	98
13) 1,4-Dichlorobenzene	7.904	146	2555213	78.187	ng	99
14) 1,2-Dichlorobenzene	8.222	146	2454039	78.434	ng	99
15) Benzyl Alcohol	8.104	79	1807870	81.539	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.399	45	2991629	77.270	ng	99
17) 2-Methylphenol	8.304	107	1732716	81.397	ng	99
18) Hexachloroethane	8.951	117	932539	81.135	ng	99
19) n-Nitroso-di-n-propyla...	8.681	70	1587587	83.281	ng	95
20) 3+4-Methylphenols	8.634	107	2300155	80.491	ng	100
22) Acetophenone	8.687	105	3217324	78.279	ng	98
24) Nitrobenzene	9.063	77	2296616	79.875	ng	100
25) Isophorone	9.598	82	4289620	82.044	ng	100
26) 2-Nitrophenol	9.775	139	1095059	93.448	ng	97
27) 2,4-Dimethylphenol	9.834	122	2026460	81.267	ng	97
28) bis(2-Chloroethoxy)met...	10.075	93	2760921	79.691	ng	99
29) 2,4-Dichlorophenol	10.310	162	2134843	83.334	ng	98
30) 1,2,4-Trichlorobenzene	10.528	180	2483928	81.052	ng	99
31) Naphthalene	10.716	128	6520664	78.095	ng	100
32) Benzoic acid	9.993	122	1311597	81.001	ng	97
33) 4-Chloroaniline	10.816	127	2873151	81.395	ng	99
34) Hexachlorobutadiene	11.010	225	1546563	82.684	ng	100
35) Caprolactam	11.604	113	594080	84.949	ng	93
36) 4-Chloro-3-methylphenol	11.940	107	1983864	82.929	ng	100
37) 2-Methylnaphthalene	12.322	142	4254768	80.705	ng	99
38) 1-Methylnaphthalene	12.545	142	4475032	80.207	ng	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	2824950	85.112	ng	99
41) Hexachlorocyclopentadiene	12.681	237	1914528	90.239	ng	99
43) 2,4,6-Trichlorophenol	12.928	196	1782842	87.263	ng	99
44) 2,4,5-Trichlorophenol	12.998	196	1919360	86.021	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.334	154	6141549	79.310	ng		100
47) 2-Chloronaphthalene	13.375	162	4889665	79.196	ng		99
48) 2-Nitroaniline	13.569	65	1233222	89.485	ng		96
49) Acenaphthylene	14.222	152	7559726	81.019	ng		100
50) Dimethylphthalate	13.957	163	5732691	79.779	ng		100
51) 2,6-Dinitrotoluene	14.063	165	1207179	87.496	ng		99
52) Acenaphthene	14.563	154	4833886	81.486	ng		99
53) 3-Nitroaniline	14.392	138	1297724	88.444	ng		99
54) 2,4-Dinitrophenol	14.592	184	626569	82.116	ng		86
55) Dibenzofuran	14.892	168	7143343	78.152	ng		99
56) 4-Nitrophenol	14.692	139	1075848	85.262	ng		93
57) 2,4-Dinitrotoluene	14.851	165	1674329	79.189	ng		94
58) Fluorene	15.539	166	6138107	81.530	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	1636646	87.136	ng		97
60) Diethylphthalate	15.316	149	5511226	80.291	ng		100
61) 4-Chlorophenyl-phenyle...	15.533	204	3298863	83.798	ng		98
62) 4-Nitroaniline	15.551	138	1336300	77.536	ng		97
63) Azobenzene	15.828	77	5026045	79.741	ng		99
65) 4,6-Dinitro-2-methylph...	15.610	198	912781	82.140	ng		92
66) n-Nitrosodiphenylamine	15.745	169	5086187	83.592	ng		100
67) 4-Bromophenyl-phenylether	16.427	248	1878071	87.664	ng		97
68) Hexachlorobenzene	16.539	284	2164238	85.534	ng		97
69) Atrazine	16.692	200	1767182	88.450	ng		99
70) Pentachlorophenol	16.880	266	1425059	90.473	ng		99
71) Phenanthrene	17.274	178	8893346	80.828	ng		99
72) Anthracene	17.363	178	9167986	83.709	ng		99
73) Carbazole	17.627	167	8180242	82.547	ng		99
74) Di-n-butylphthalate	18.198	149	9300935	85.749	ng		99
75) Fluoranthene	19.280	202	10317307	86.256	ng		99
77) Benzidine	19.457	184	3817410	72.819	ng		100
78) Pyrene	19.639	202	10818153	82.185	ng		99
80) Butylbenzylphthalate	20.539	149	3938114	90.734	ng		97
81) Benzo(a)anthracene	21.439	228	11055858	82.558	ng		99
82) 3,3'-Dichlorobenzidine	21.362	252	3825108	84.699	ng		99
83) Chrysene	21.504	228	10270454	81.310	ng		99
84) Bis(2-ethylhexyl)phtha...	21.374	149	6100517	88.540	ng	#	96
85) Di-n-octyl phthalate	22.527	149	9722259	90.093	ng		99
87) Indeno(1,2,3-cd)pyrene	27.956	276	12120915	87.270	ng		99
88) Benzo(b)fluoranthene	23.545	252	10371642	86.316	ng		99
89) Benzo(k)fluoranthene	23.609	252	10546917	84.592	ng		100
90) Benzo(a)pyrene	24.362	252	9879526	87.833	ng		100
91) Dibenzo(a,h)anthracene	28.015	278	10165335	86.905	ng		99
92) Benzo(g,h,i)perylene	29.027	276	9504954	85.979	ng		99

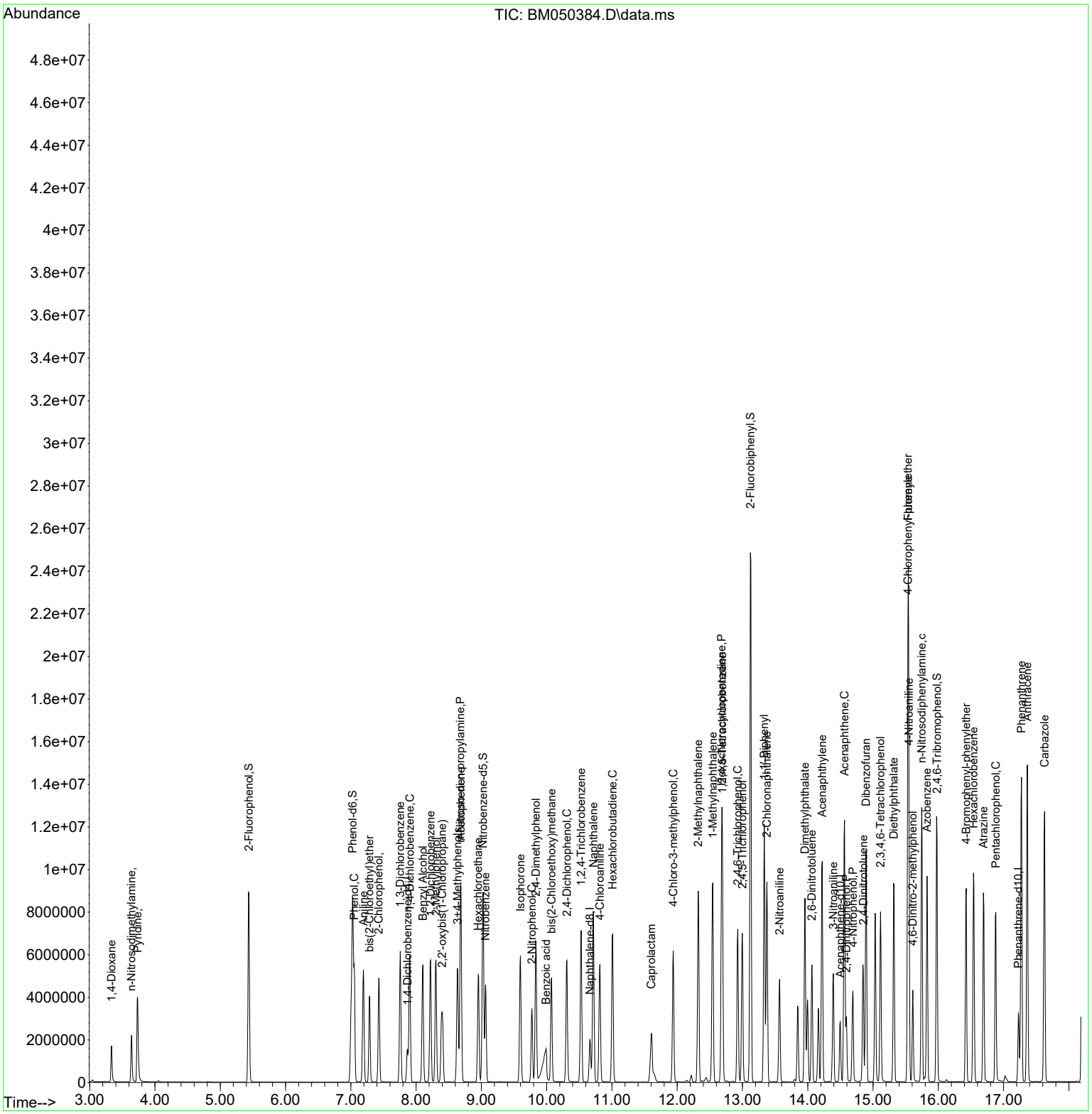
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

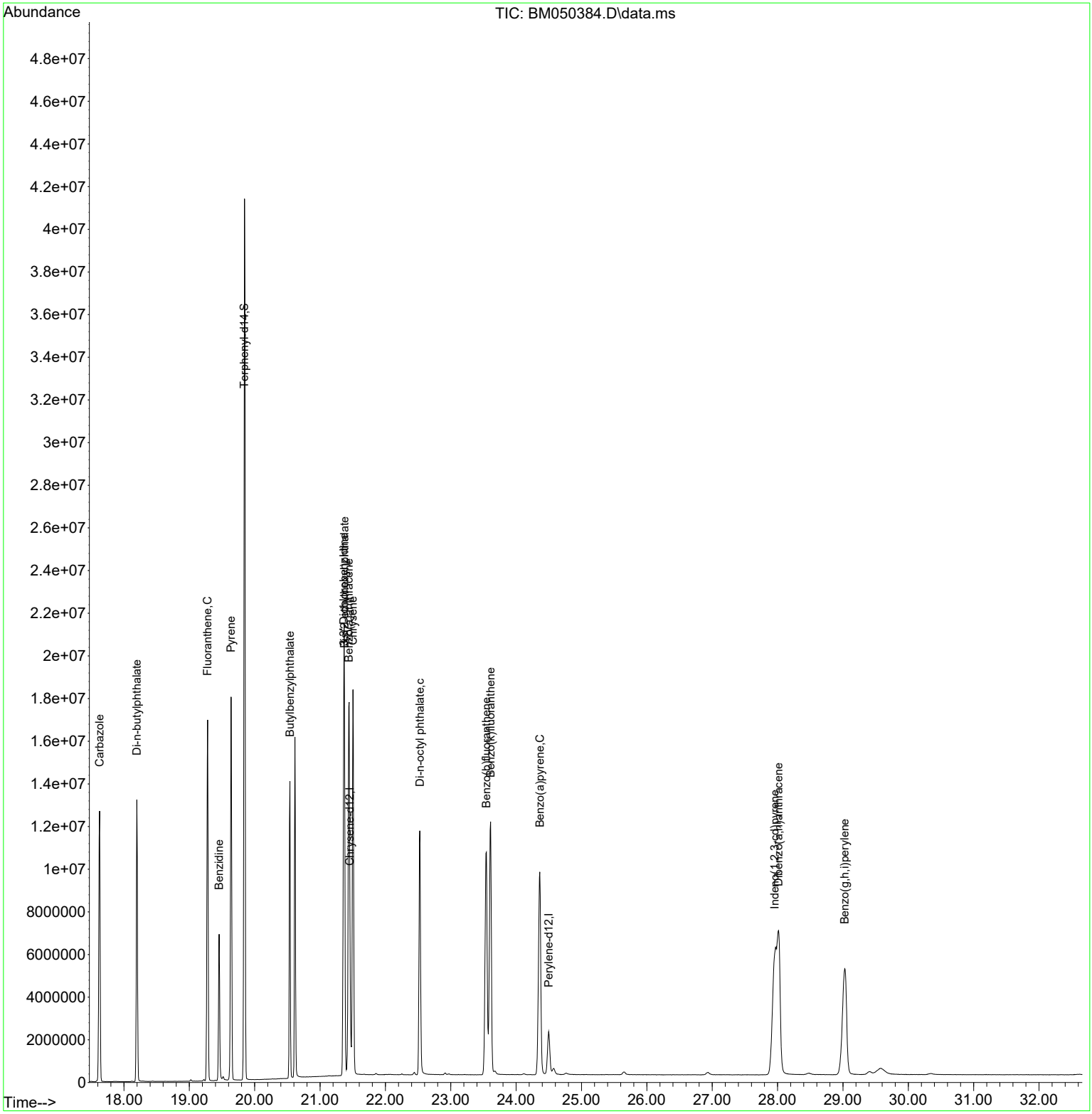


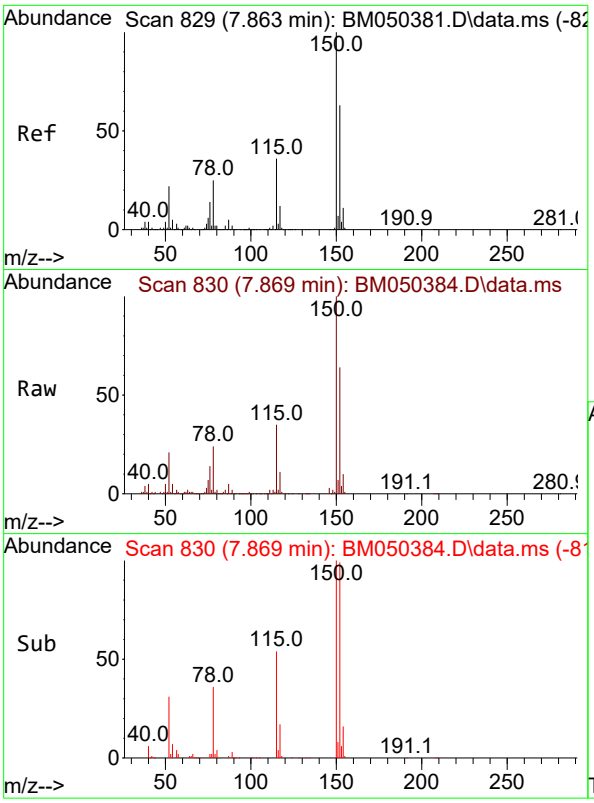
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



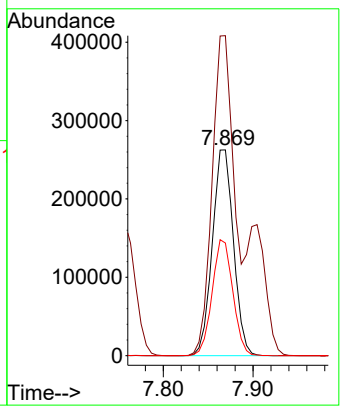


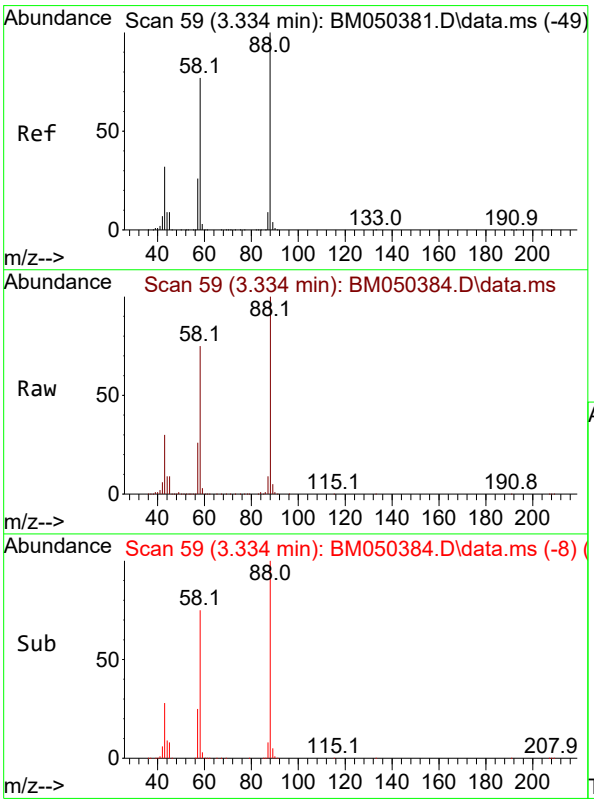
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 429681

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.4
115	54.7	45.8	68.8

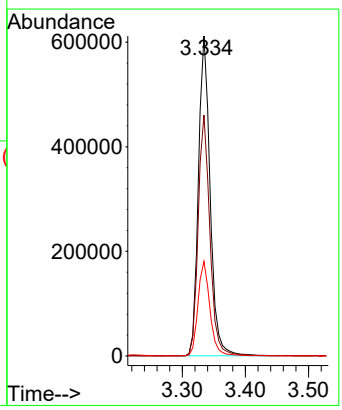


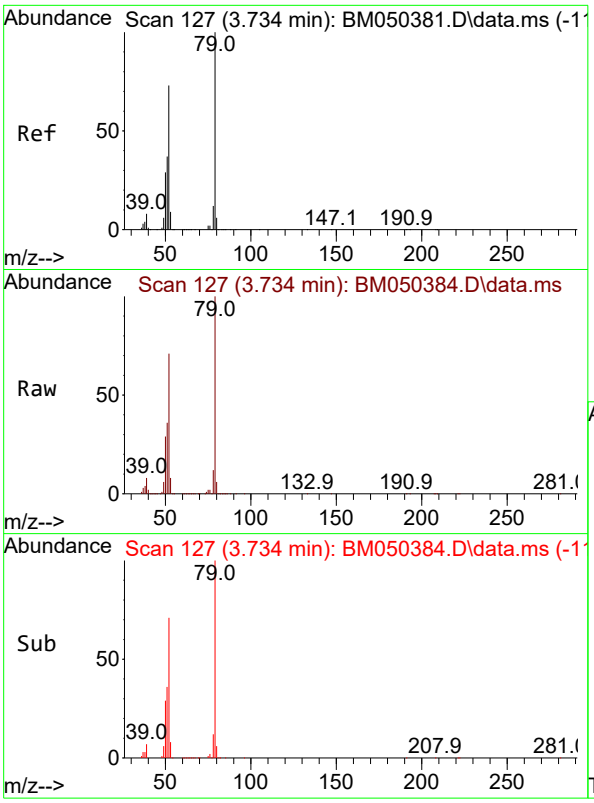


#2
1,4-Dioxane
Concen: 76.507 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 88 Resp: 785309

Ion	Ratio	Lower	Upper
88	100		
58	75.7	61.0	91.6
43	30.0	24.6	37.0



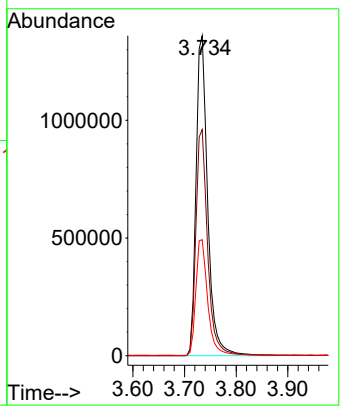


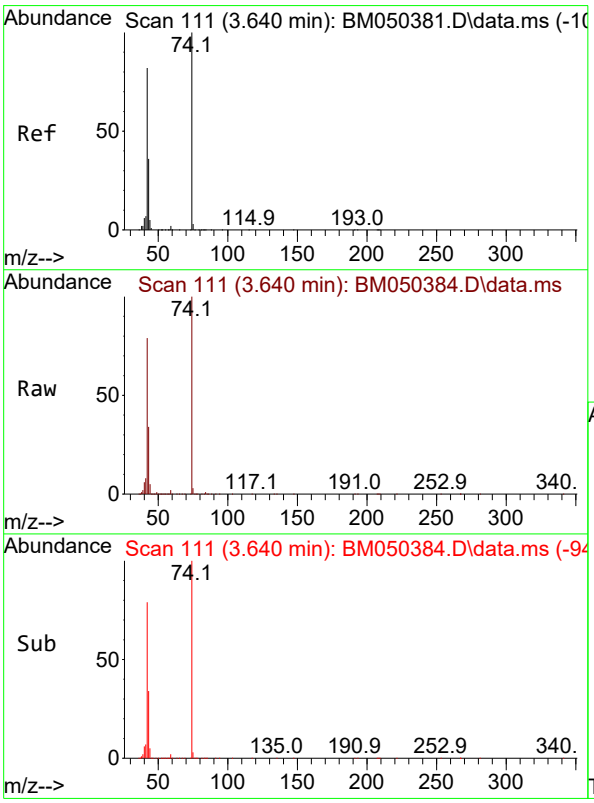
#3
Pyridine
Concen: 78.804 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 2123609

Ion	Ratio	Lower	Upper
79	100		
52	70.7	58.3	87.5
51	36.2	29.6	44.4

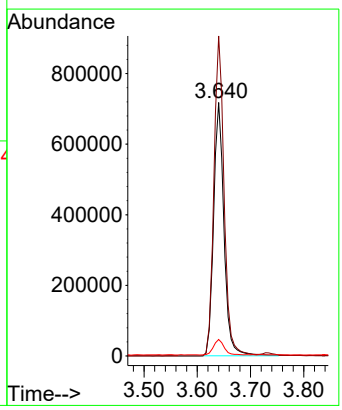


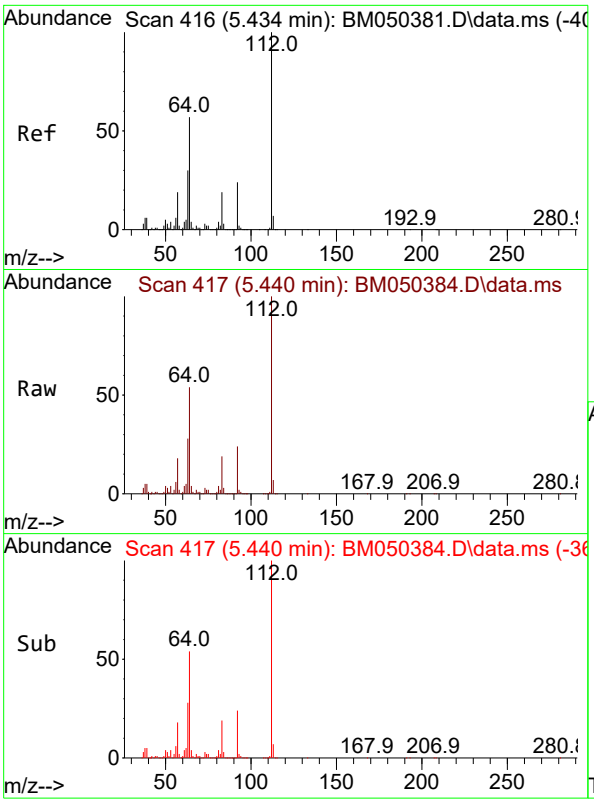


#4
n-Nitrosodimethylamine
Concen: 77.228 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 42 Resp: 970223

Ion	Ratio	Lower	Upper
42	100		
74	126.3	97.5	146.3
44	6.5	5.7	8.5



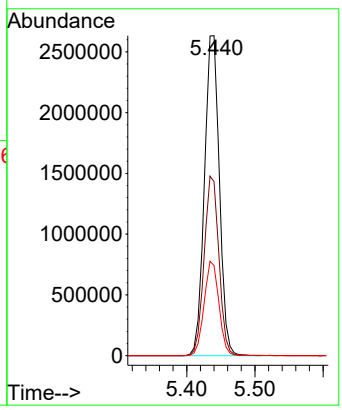


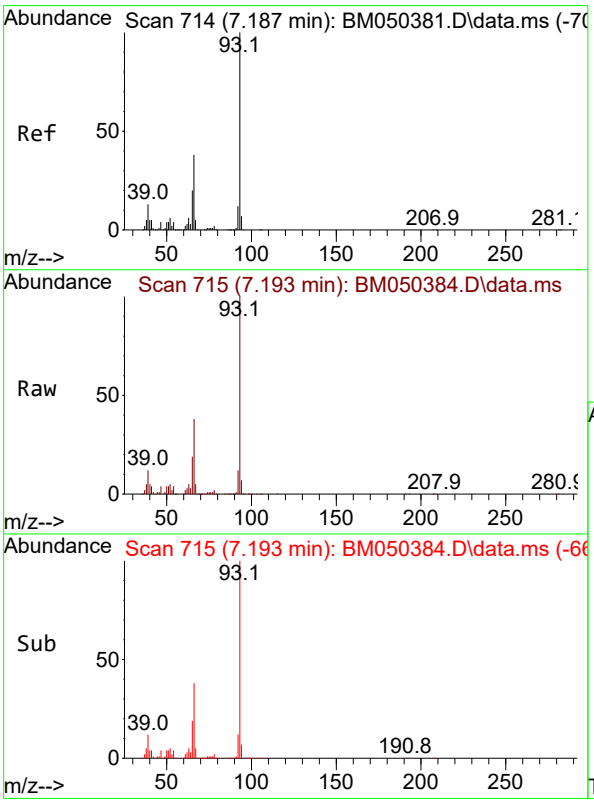
#5
2-Fluorophenol
Concen: 160.835 ng
RT: 5.440 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 4014825

Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.5	68.3
63	28.1	24.2	36.4

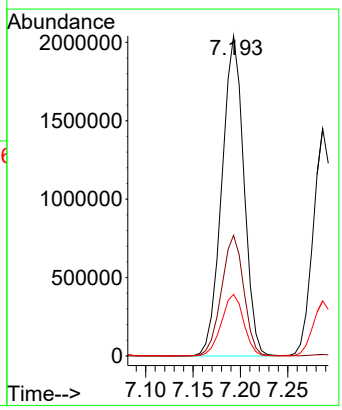


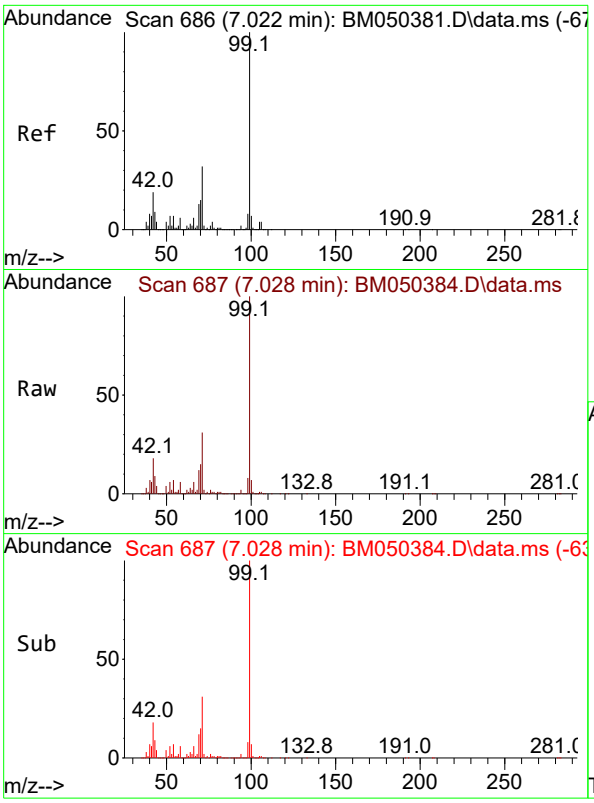


#6
Aniline
Concen: 81.748 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 93 Resp: 3301305

Ion	Ratio	Lower	Upper
93	100		
66	37.7	30.5	45.7
65	19.2	15.9	23.9



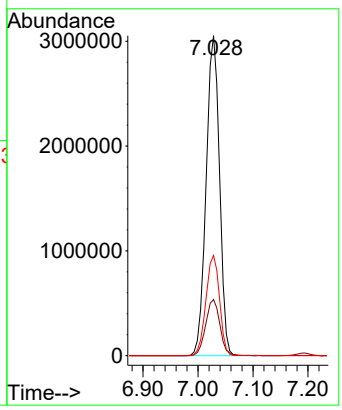


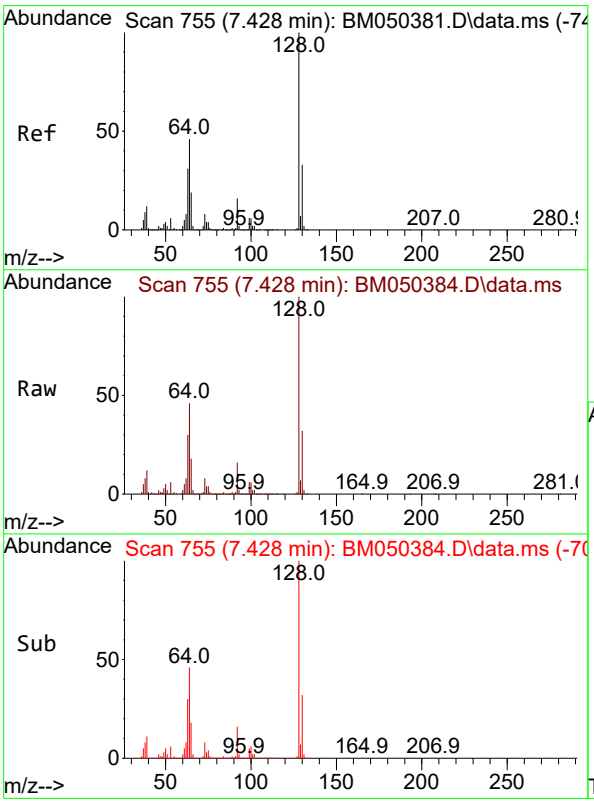
#7
Phenol-d6
Concen: 163.630 ng
RT: 7.028 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 5149049

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.6
71	31.4	25.9	38.9

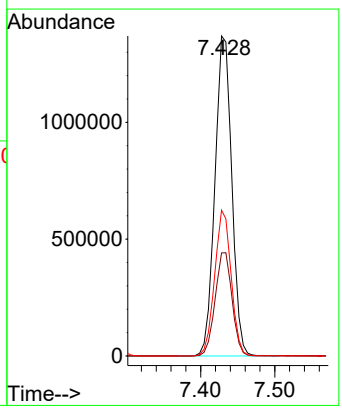


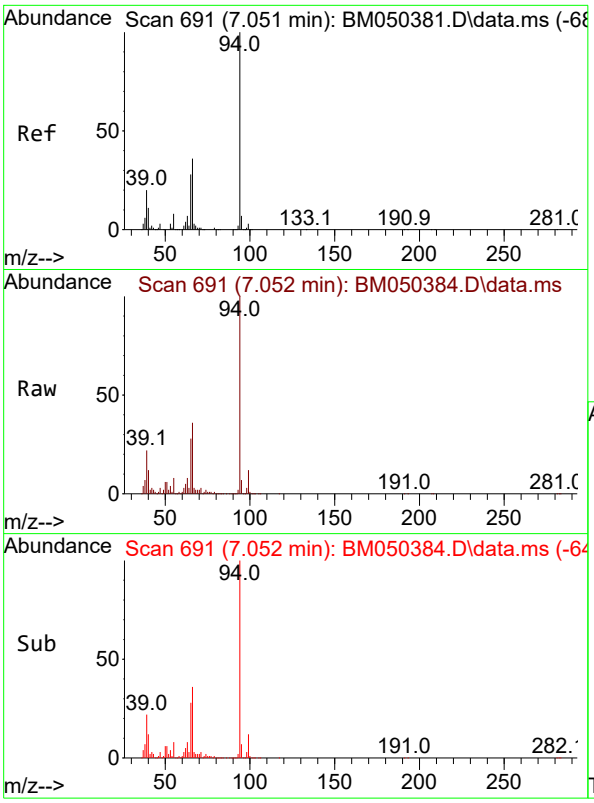


#8
2-Chlorophenol
Concen: 82.163 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:128 Resp: 2162654

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.3	53.3
64	45.6	25.6	65.6



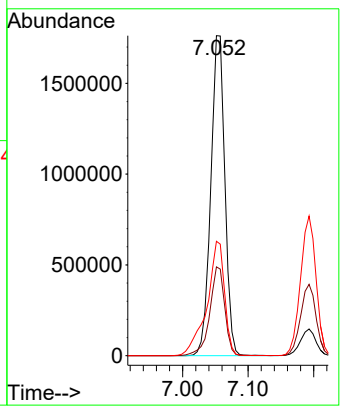


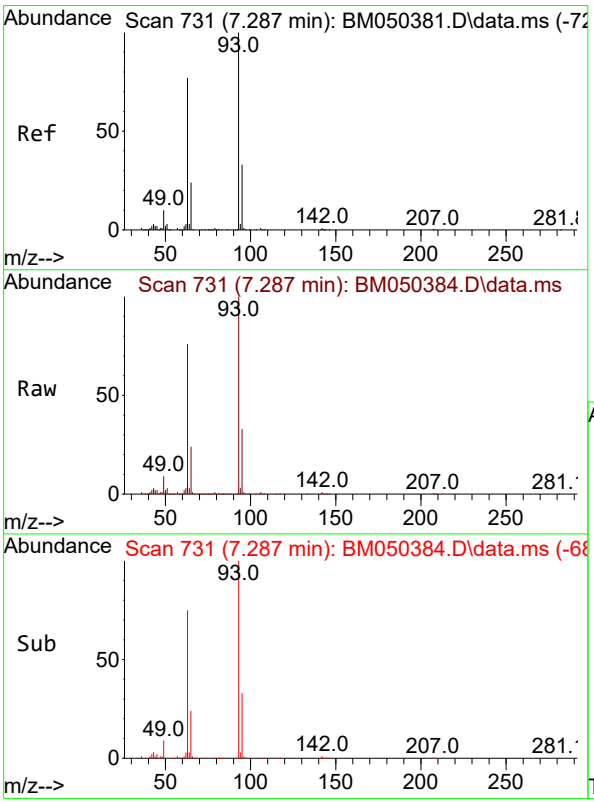
#10
Phenol
Concen: 80.368 ng
RT: 7.052 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 94 Resp: 2637766

Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.1	48.1
66	35.7	15.8	55.8

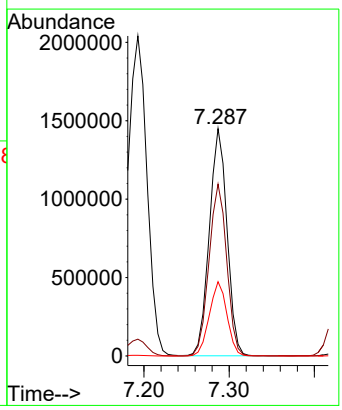


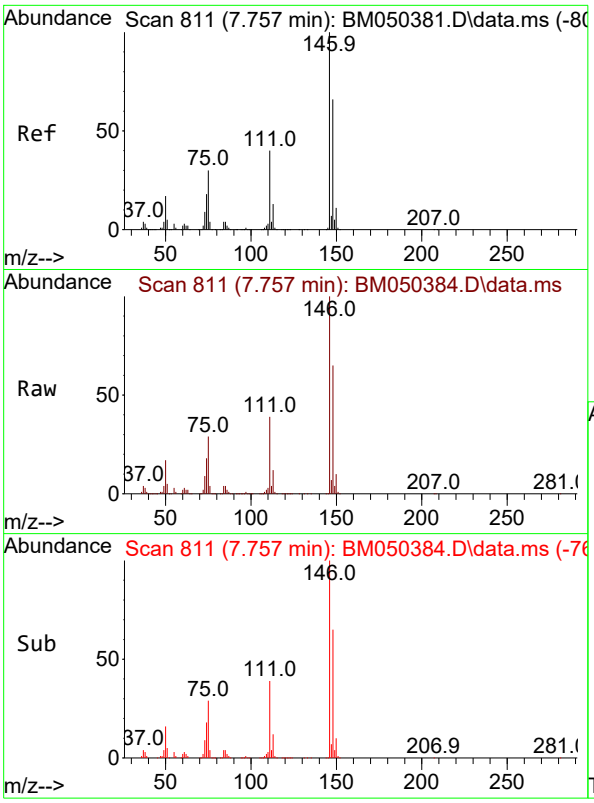


#11
bis(2-Chloroethyl)ether
Concen: 79.625 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 93 Resp: 2092911

Ion	Ratio	Lower	Upper
93	100		
63	75.6	56.9	96.9
95	32.6	12.6	52.6



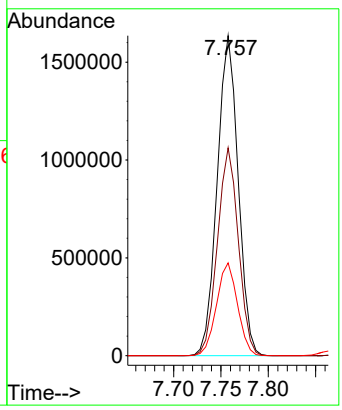


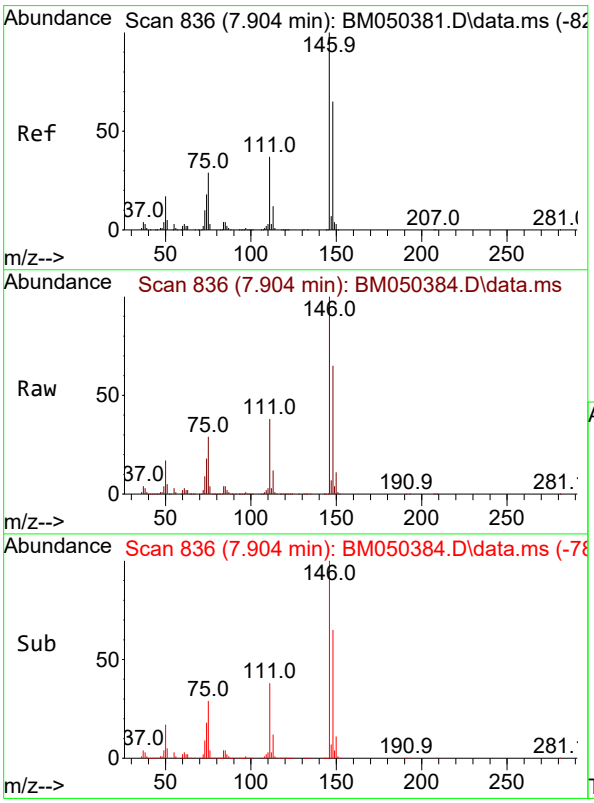
#12
1,3-Dichlorobenzene
Concen: 78.654 ng
RT: 7.757 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 2517372

Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.2	79.8
75	29.0	23.9	35.9

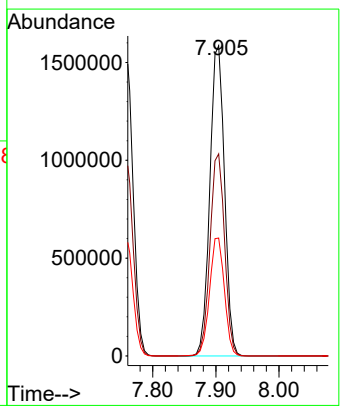


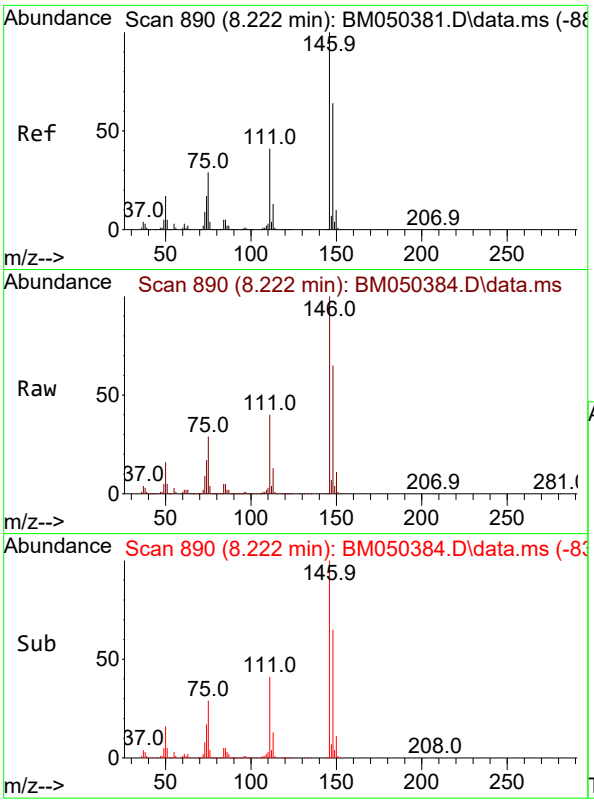


#13
1,4-Dichlorobenzene
Concen: 78.187 ng
RT: 7.904 min Scan# 836
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:146 Resp: 2555213

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
111	38.0	30.0	45.0



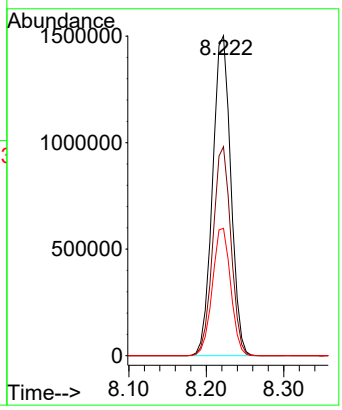


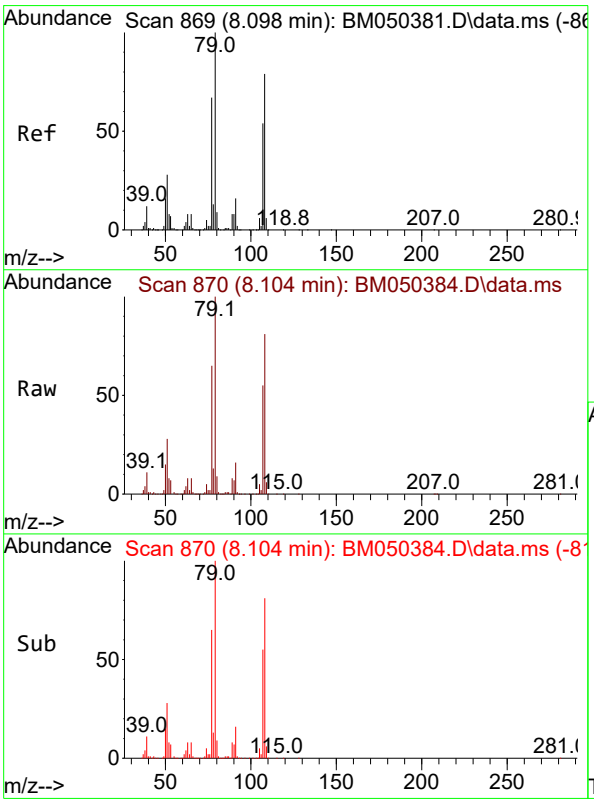
#14
1,2-Dichlorobenzene
Concen: 78.434 ng
RT: 8.222 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 2454039

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.5	77.3
111	39.8	32.6	49.0

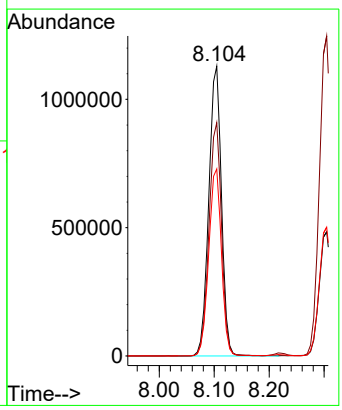


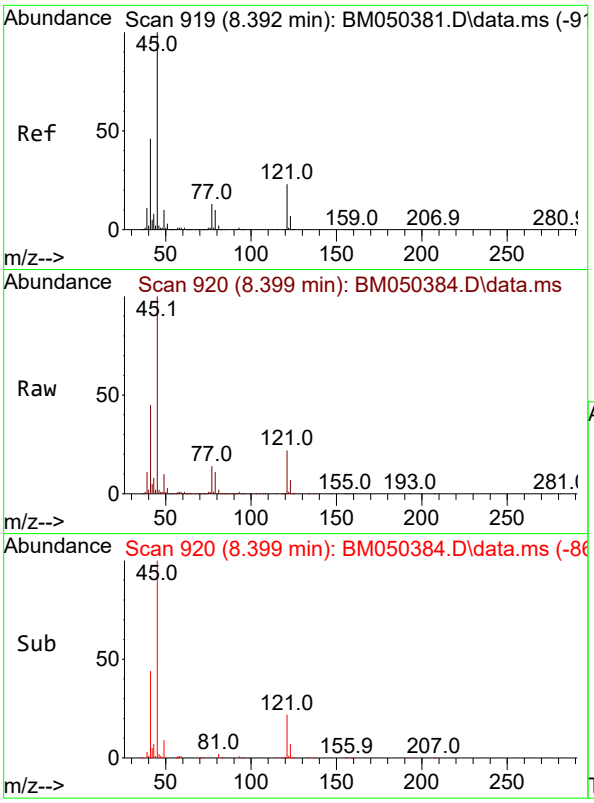


#15
Benzyl Alcohol
Concen: 81.539 ng
RT: 8.104 min Scan# 870
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 79 Resp: 1807870

Ion	Ratio	Lower	Upper
79	100		
108	80.5	63.0	94.4
77	64.5	53.4	80.0



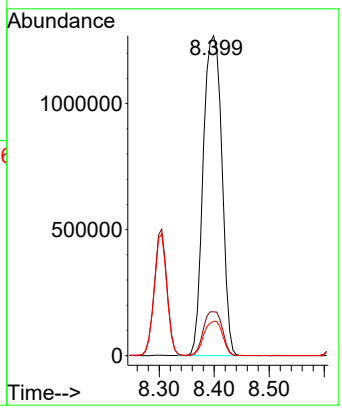


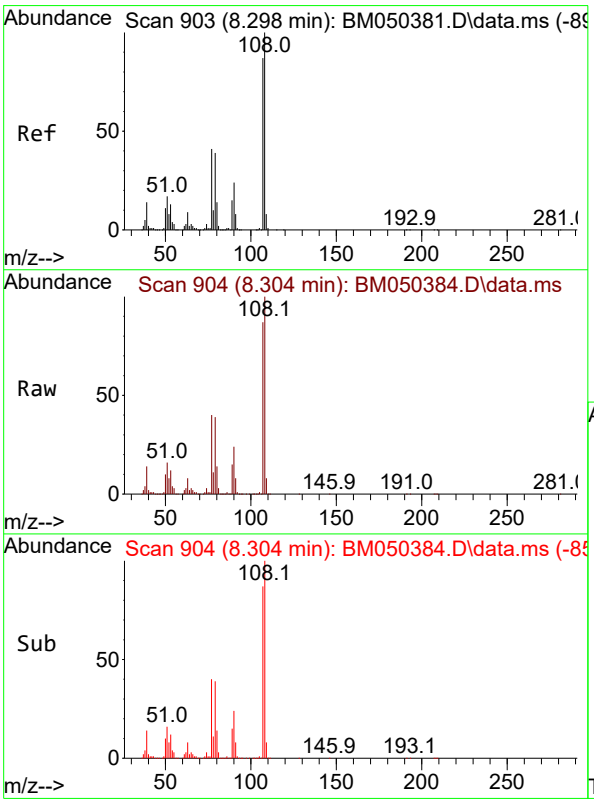
#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.270 ng
RT: 8.399 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 45 Resp: 2991629

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.8	0.0	30.3

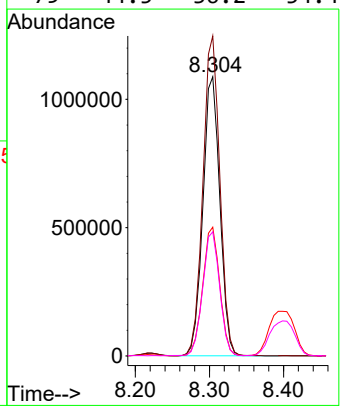


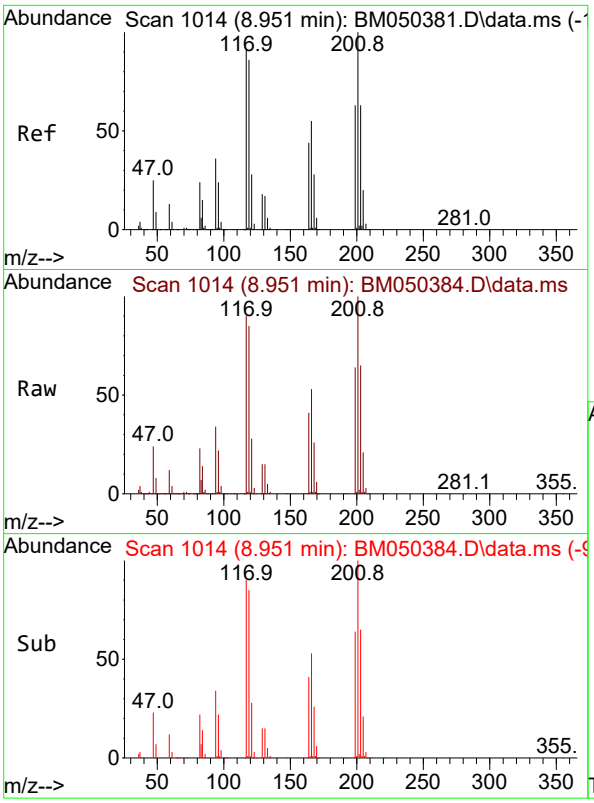


#17
2-Methylphenol
Concen: 81.397 ng
RT: 8.304 min Scan# 904
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:107 Resp: 1732716

Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.1	138.1
77	46.1	38.2	57.4
79	44.5	36.2	54.4



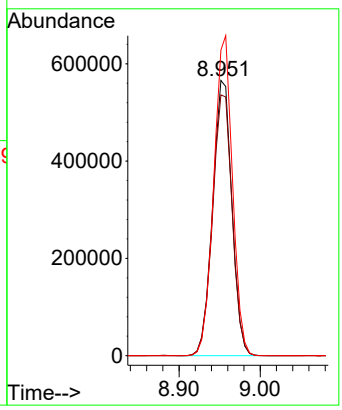


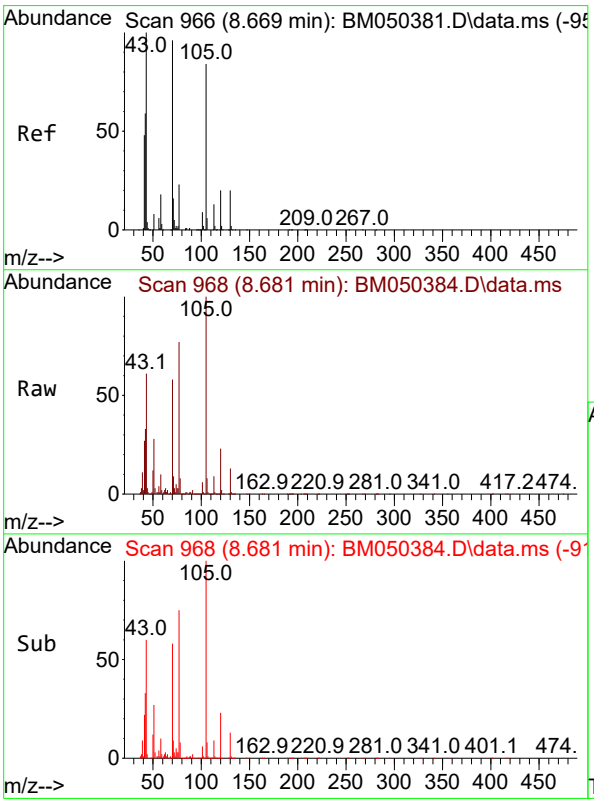
#18
Hexachloroethane
Concen: 81.135 ng
RT: 8.951 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:117 Resp: 932539

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.6	113.4
201	111.1	87.9	131.9

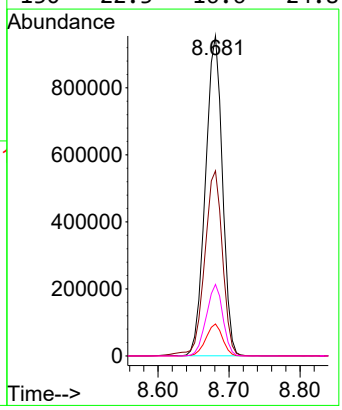


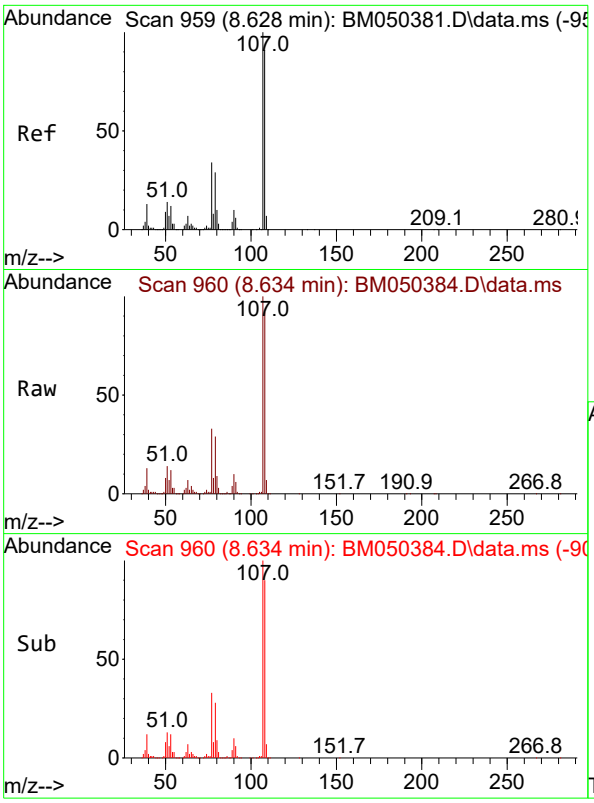


#19
n-Nitroso-di-n-propylamine
Concen: 83.281 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 70 Resp: 1587587

Ion	Ratio	Lower	Upper
70	100		
42	57.9	49.7	74.5
101	10.0	7.7	11.5
130	22.3	16.6	24.8



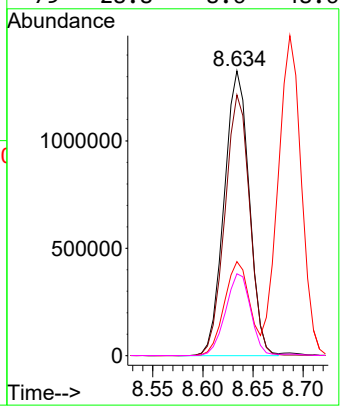


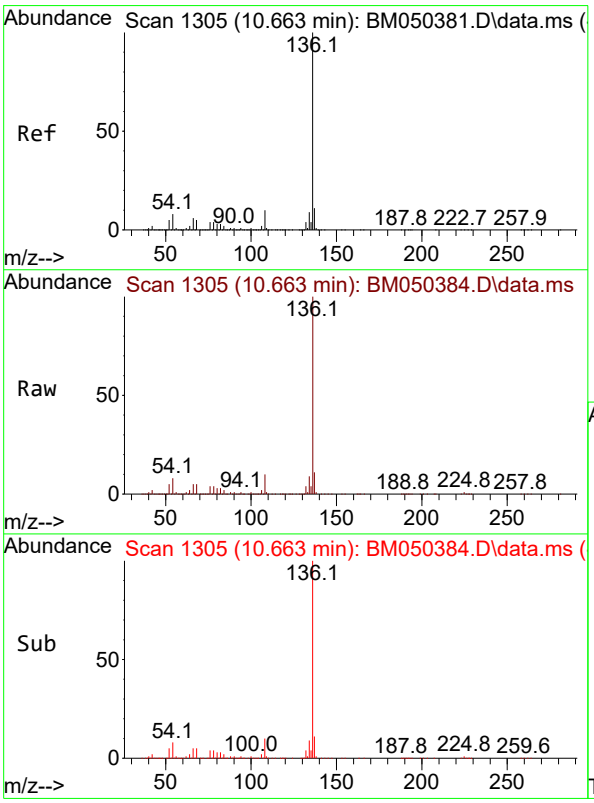
#20
3+4-Methylphenols
Concen: 80.491 ng
RT: 8.634 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 2300155

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	33.0	13.7	53.7
79	28.8	8.6	48.6

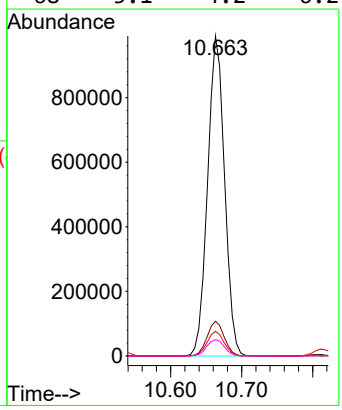


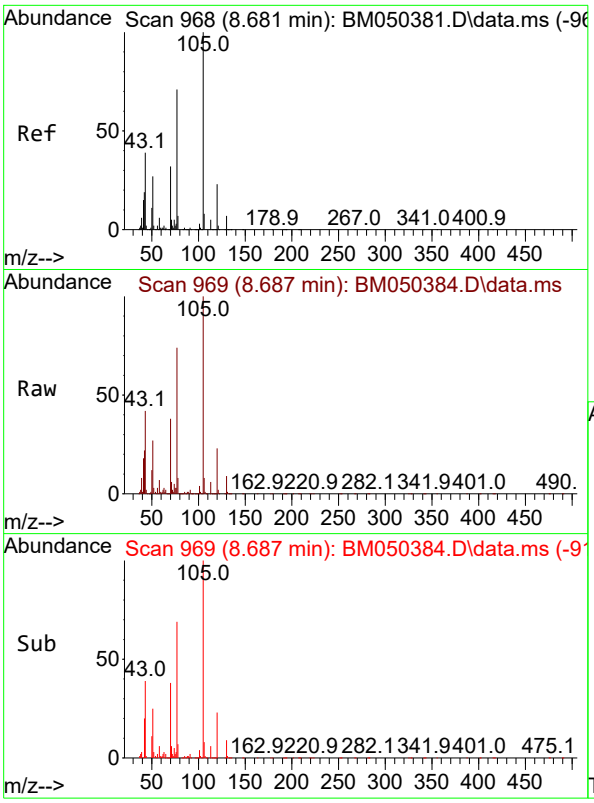


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:136 Resp: 1643859

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	5.1	4.2	6.2



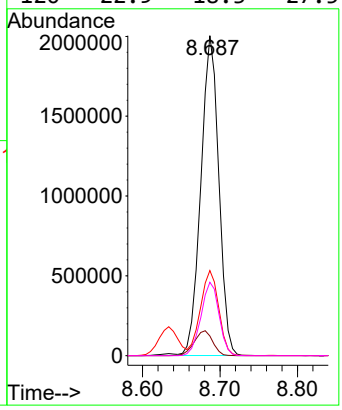


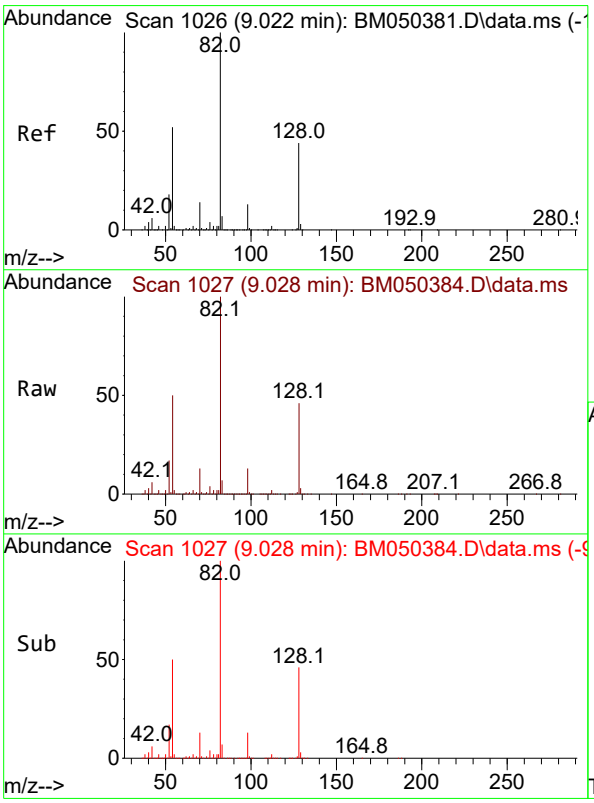
#22
Acetophenone
Concen: 78.279 ng
RT: 8.687 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:105 Resp: 3217324

Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.4	6.6
51	26.6	23.0	34.6
120	22.9	18.3	27.5

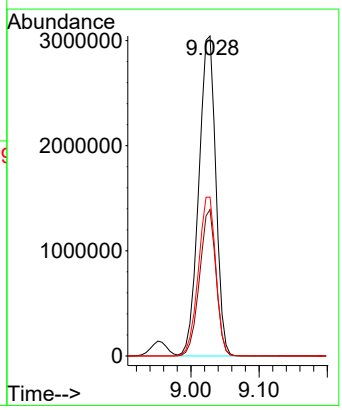


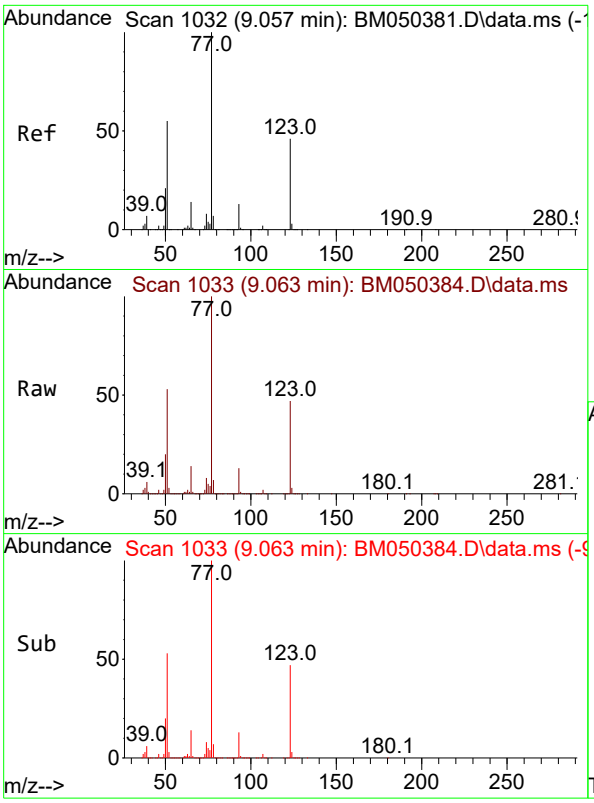


#23
Nitrobenzene-d5
Concen: 163.391 ng
RT: 9.028 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 82 Resp: 5264647

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.2	52.8
54	49.7	41.5	62.3



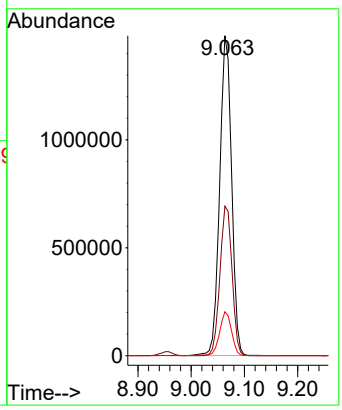


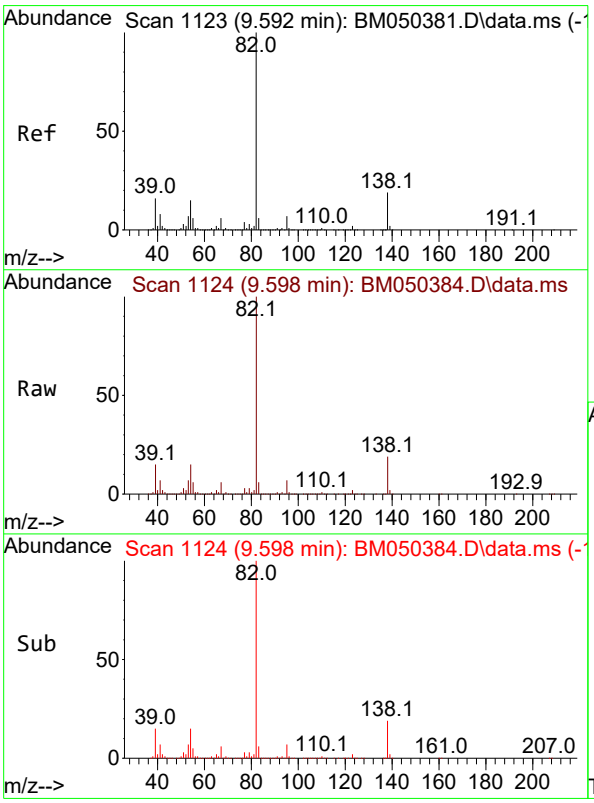
#24
Nitrobenzene
Concen: 79.875 ng
RT: 9.063 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 2296616

Ion	Ratio	Lower	Upper
77	100		
123	46.7	37.0	55.6
65	13.8	11.0	16.4

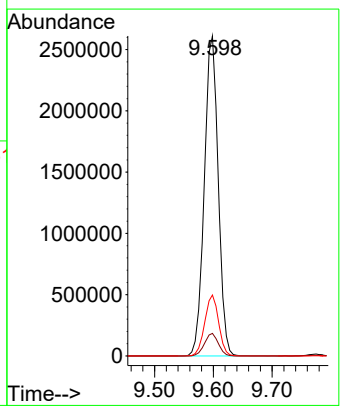


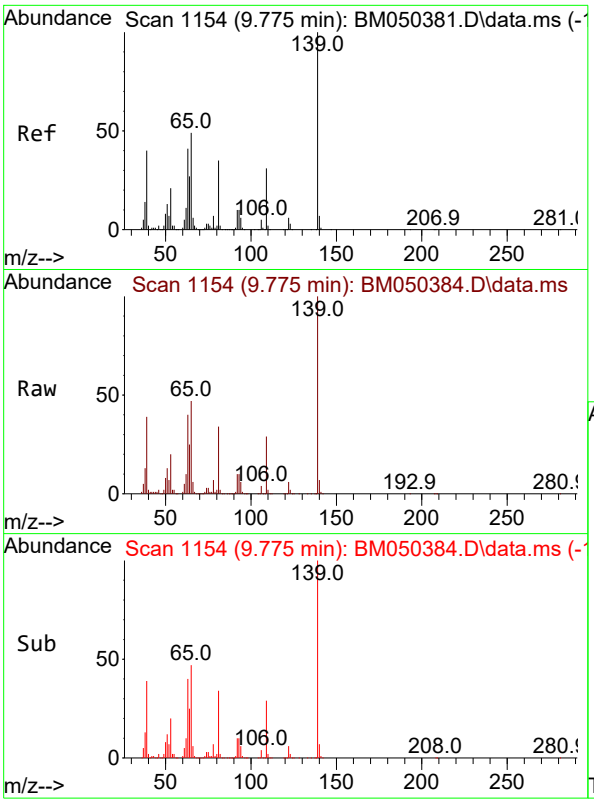


#25
Isophorone
Concen: 82.044 ng
RT: 9.598 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 82 Resp: 4289620

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.0	15.3	22.9



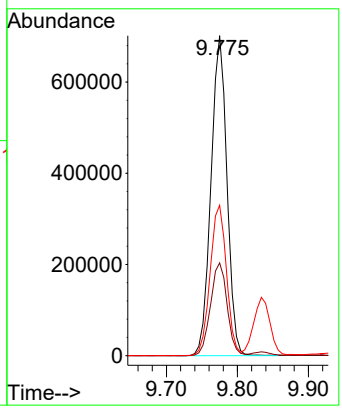


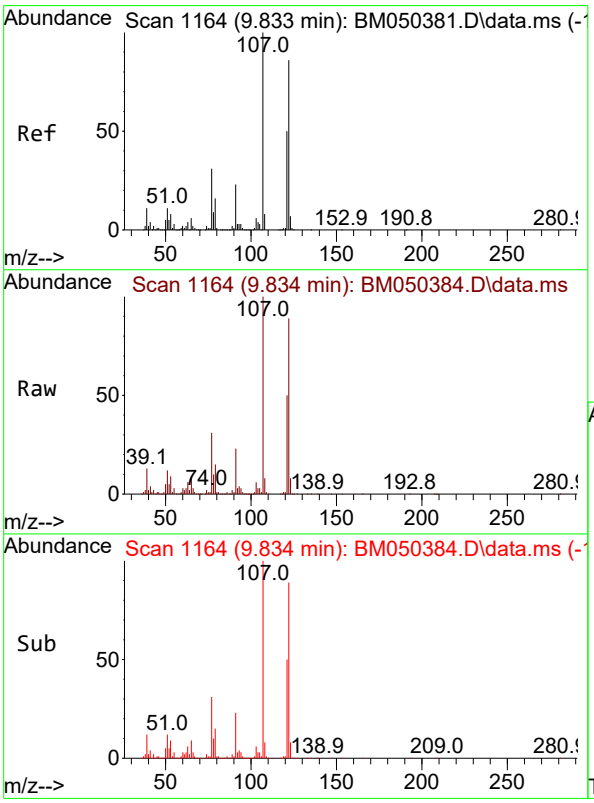
#26
2-Nitrophenol
Concen: 93.448 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 1095059

Ion	Ratio	Lower	Upper
139	100		
109	29.0	24.6	36.8
65	47.0	39.2	58.8

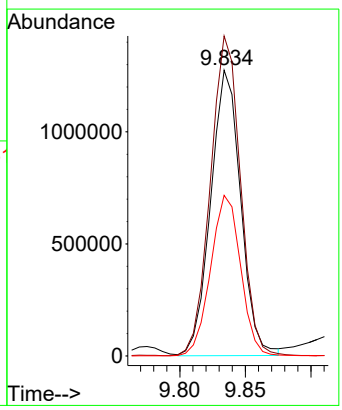


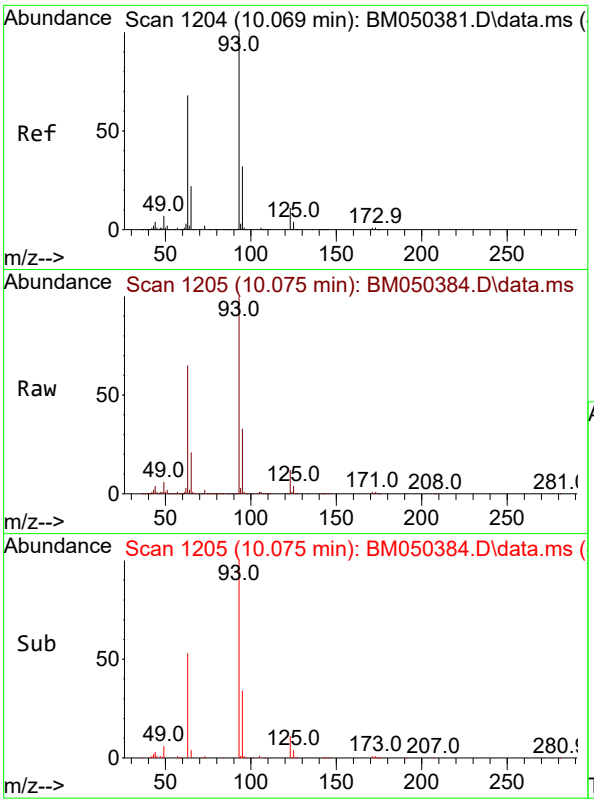


#27
2,4-Dimethylphenol
Concen: 81.267 ng
RT: 9.834 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:122 Resp: 2026460

Ion	Ratio	Lower	Upper
122	100		
107	112.0	93.0	139.6
121	56.2	46.1	69.1



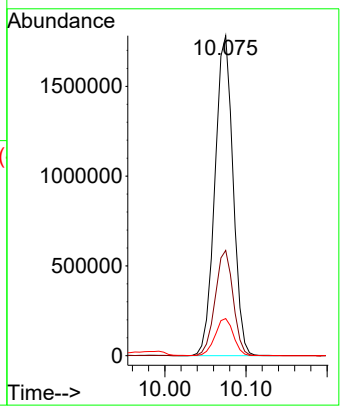


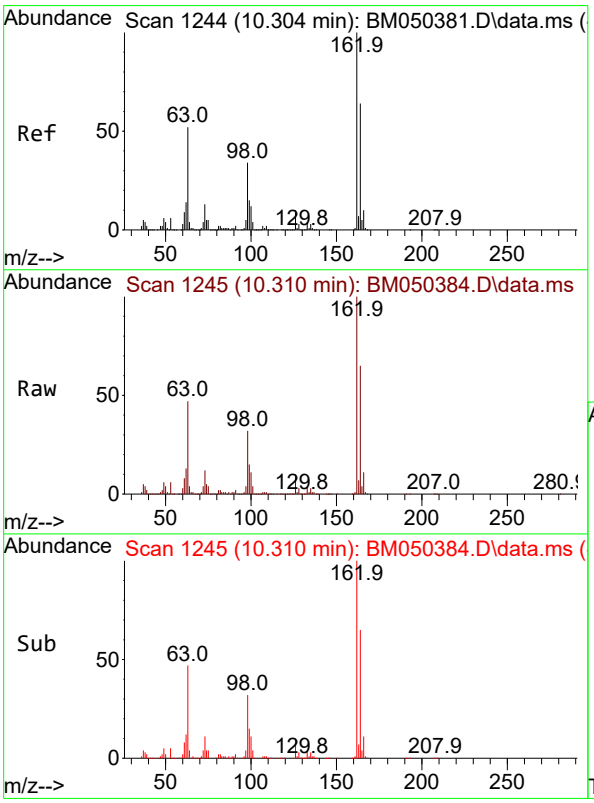
#28
bis(2-Chloroethoxy)methane
Concen: 79.691 ng
RT: 10.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 2760921

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	11.6	9.1	13.7

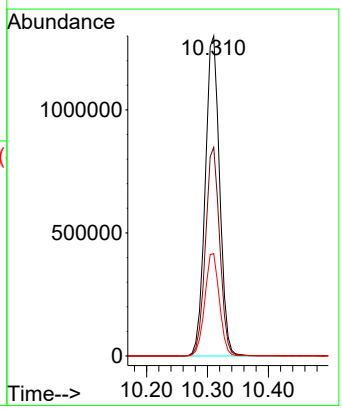


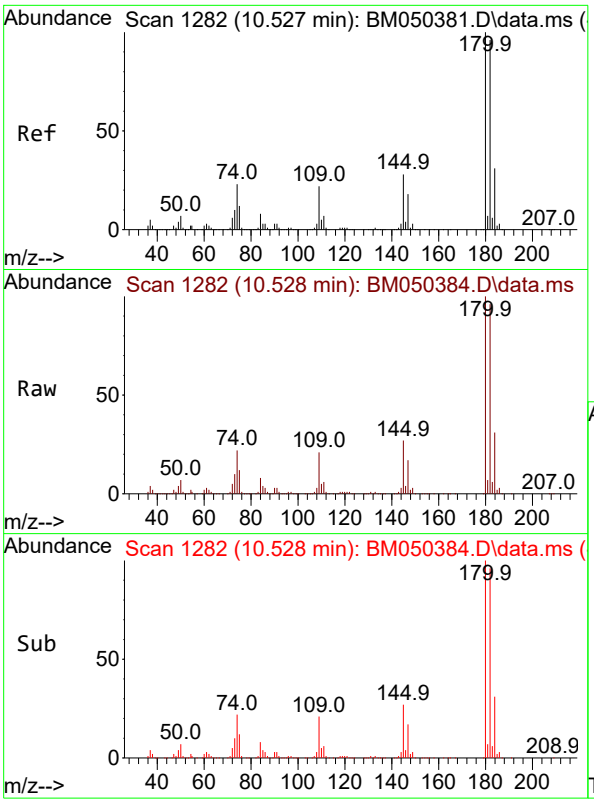


#29
2,4-Dichlorophenol
Concen: 83.334 ng
RT: 10.310 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:162 Resp: 2134843

Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.7	83.7
98	32.0	13.7	53.7



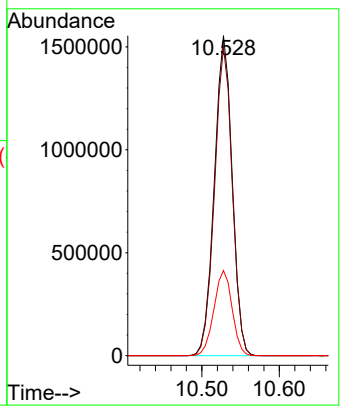


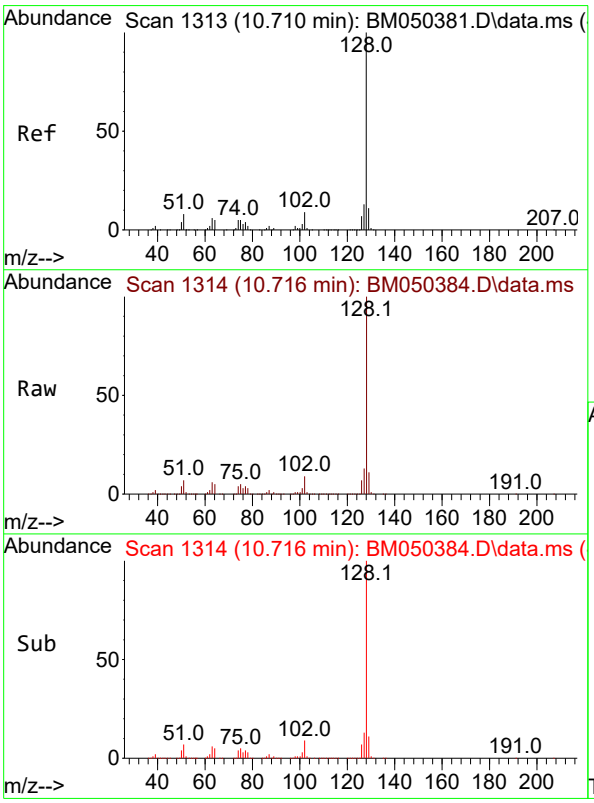
#30
1,2,4-Trichlorobenzene
Concen: 81.052 ng
RT: 10.528 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:180 Resp: 2483928

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.8	115.2
145	26.6	22.6	33.8

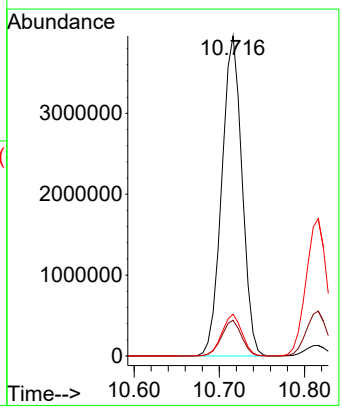


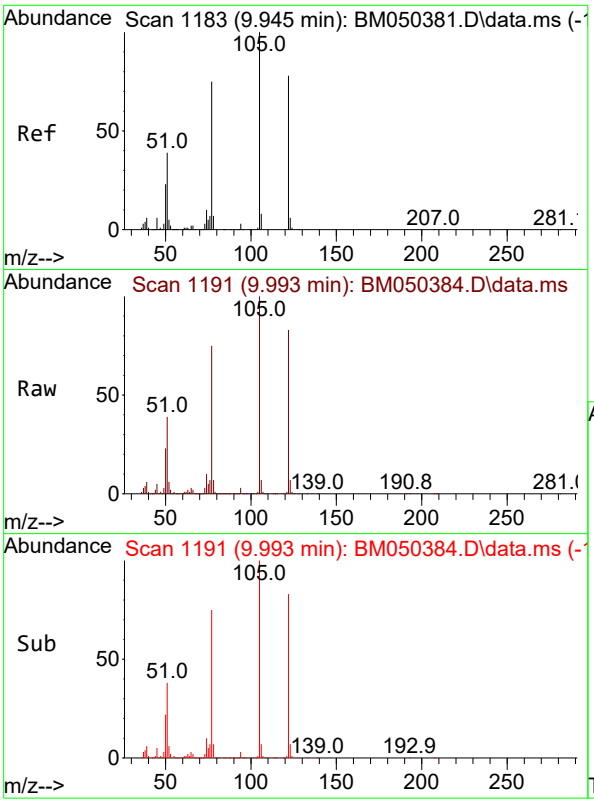


#31
Naphthalene
Concen: 78.095 ng
RT: 10.716 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:128 Resp: 6520664

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.0	10.4	15.6



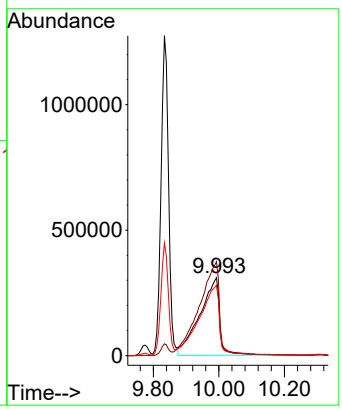


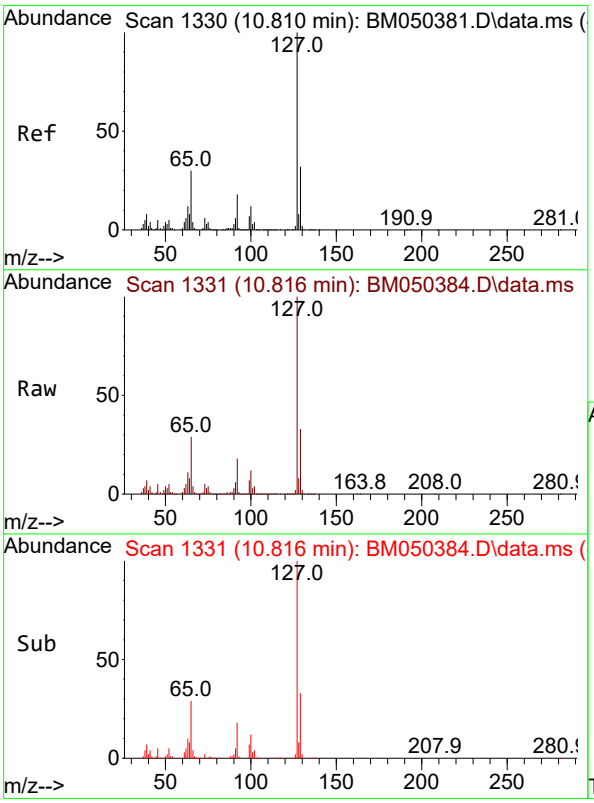
#32
Benzoic acid
Concen: 81.001 ng
RT: 9.993 min Scan# 11
Delta R.T. 0.048 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 1311597

Ion	Ratio	Lower	Upper
122	100		
105	120.8	104.0	144.0
77	90.4	73.8	113.8

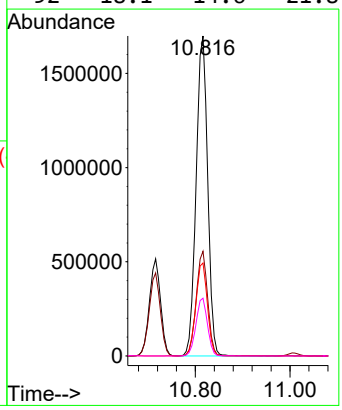


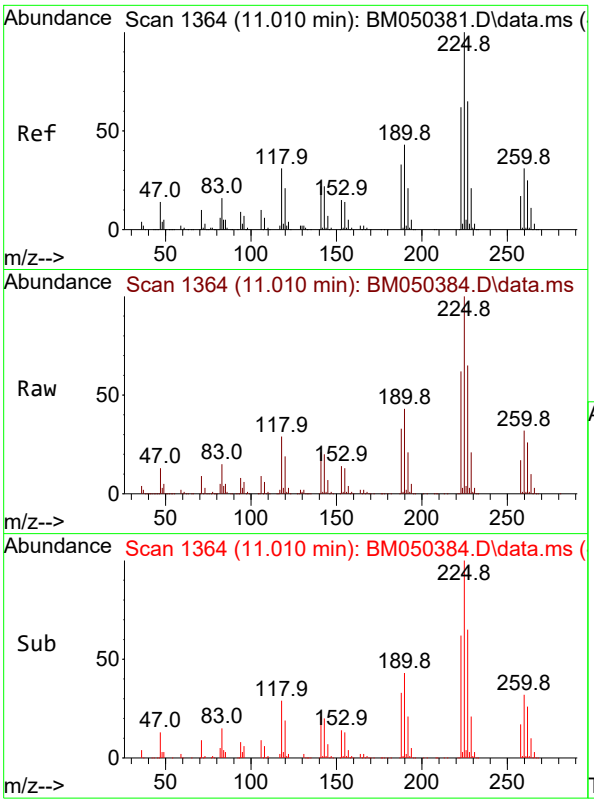


#33
4-Chloroaniline
Concen: 81.395 ng
RT: 10.816 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:127 Resp: 2873151

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.5	38.3
65	29.1	23.9	35.9
92	18.1	14.6	21.8



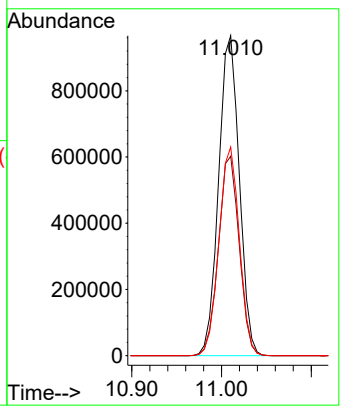


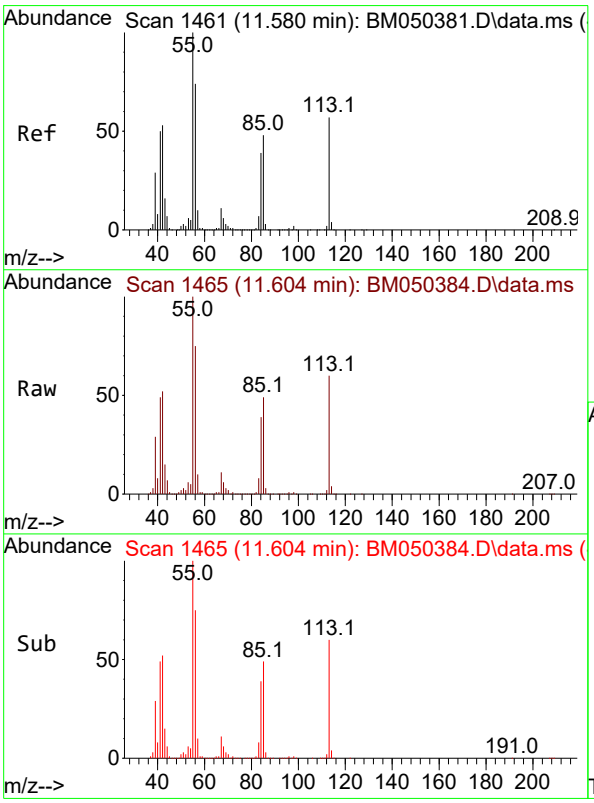
#34
Hexachlorobutadiene
Concen: 82.684 ng
RT: 11.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:225 Resp: 1546563

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	65.2	52.1	78.1

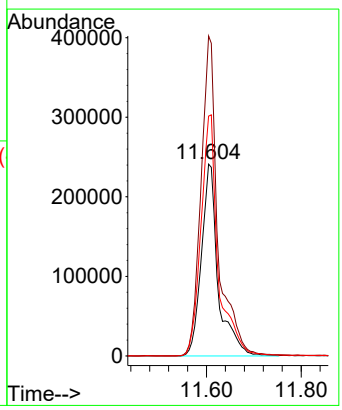


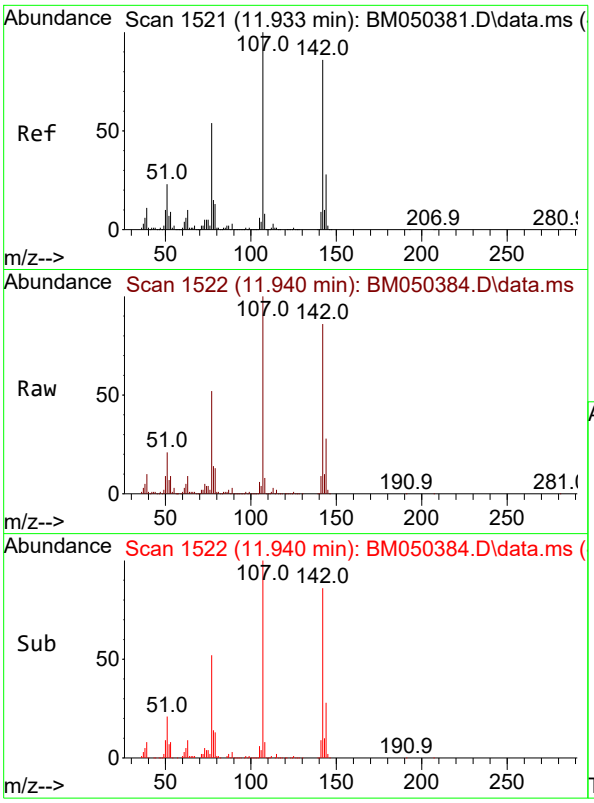


#35
Caprolactam
Concen: 84.949 ng
RT: 11.604 min Scan# 1465
Delta R.T. 0.024 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:113 Resp: 594080

Ion	Ratio	Lower	Upper
113	100		
55	166.9	157.2	197.2
56	125.0	111.7	151.7



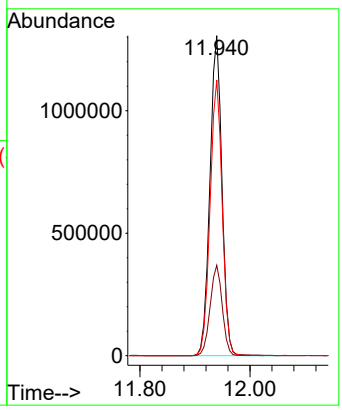


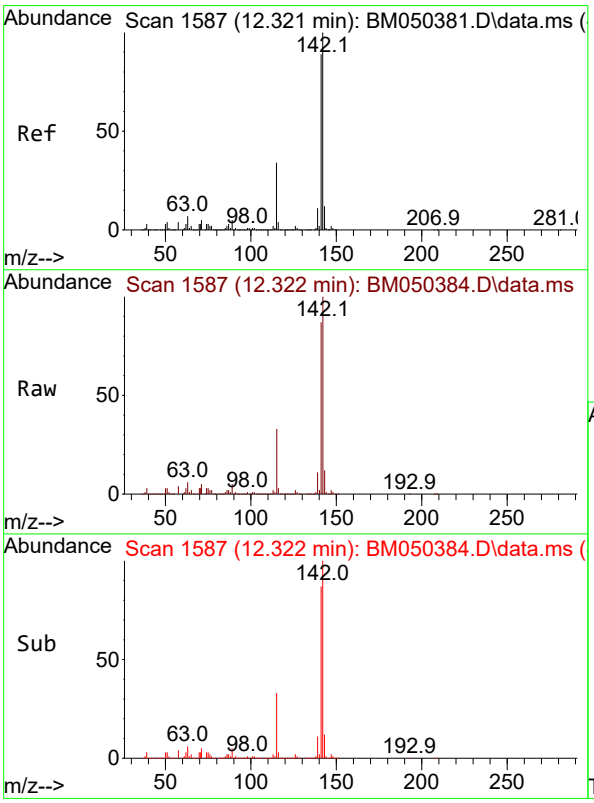
#36
4-Chloro-3-methylphenol
Concen: 82.929 ng
RT: 11.940 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 1983864

Ion	Ratio	Lower	Upper
107	100		
144	28.3	22.2	33.4
142	86.2	68.7	103.1

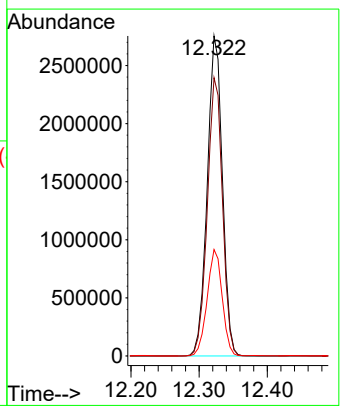


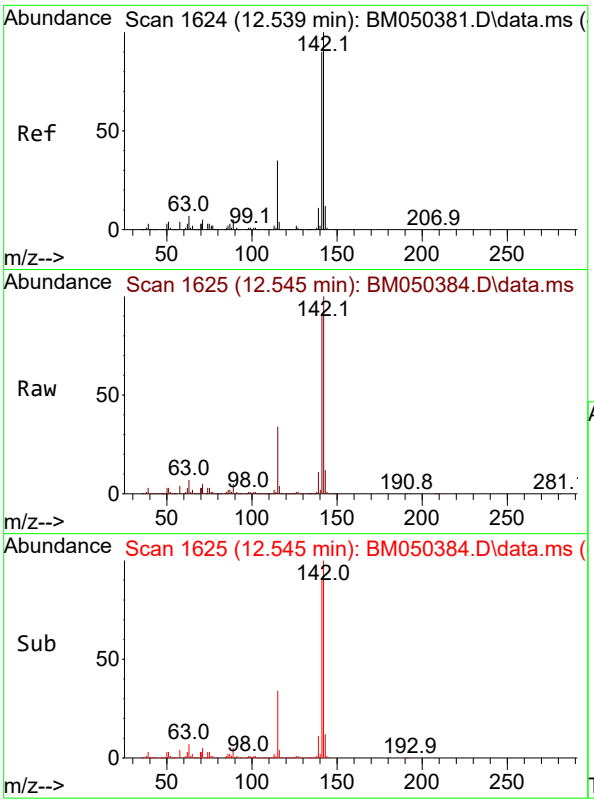


#37
2-Methylnaphthalene
Concen: 80.705 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:142 Resp: 4254768

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.8	106.2
115	33.2	27.0	40.4



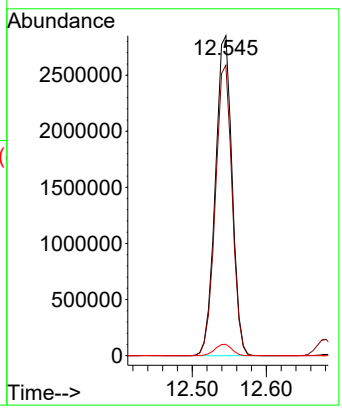


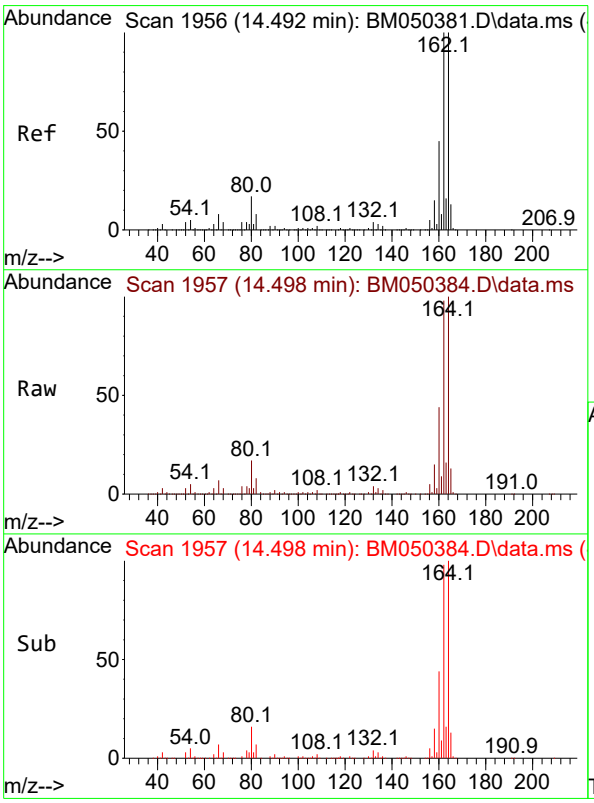
#38
1-Methylnaphthalene
Concen: 80.207 ng
RT: 12.545 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 4475032

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
116	3.6	3.0	4.6

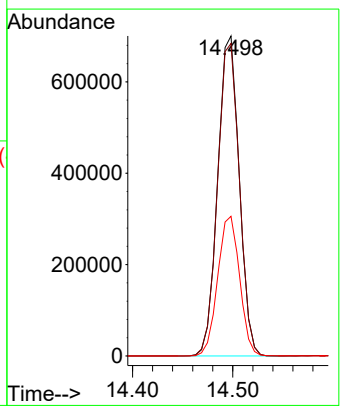


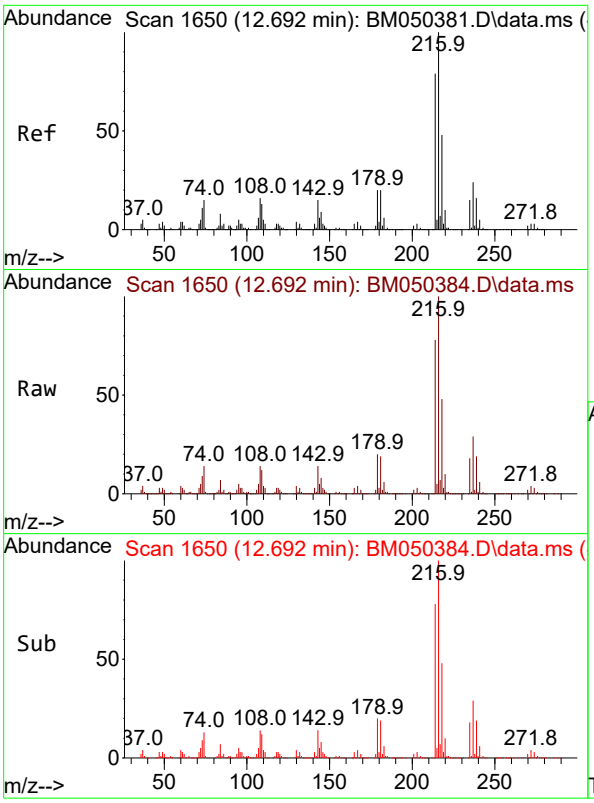


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:164 Resp: 1043719

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.9	119.9
160	43.6	36.2	54.4



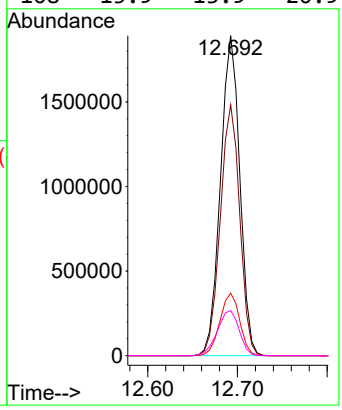


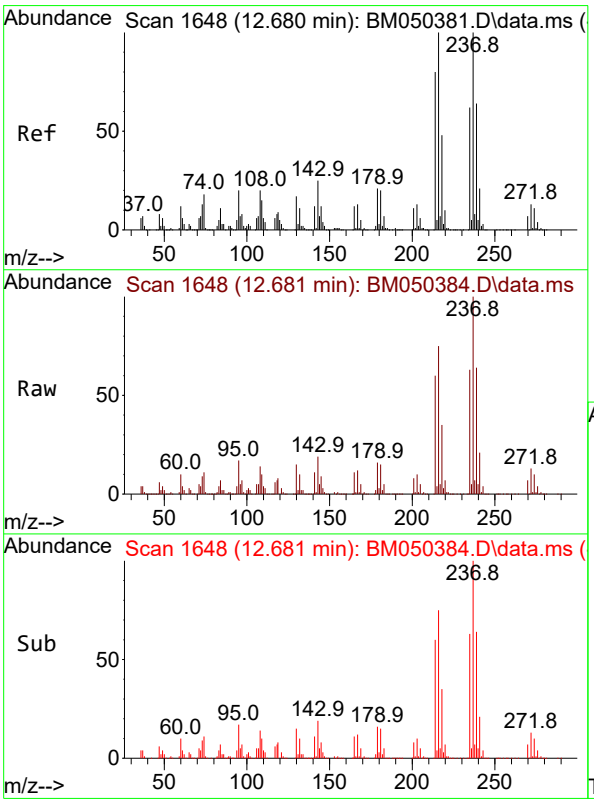
#40
1,2,4,5-Tetrachlorobenzene
Concen: 85.112 ng
RT: 12.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:216 Resp: 2824950

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	20.0	16.4	24.6
108	15.9	13.9	20.9

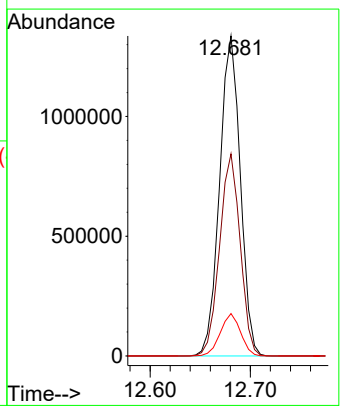


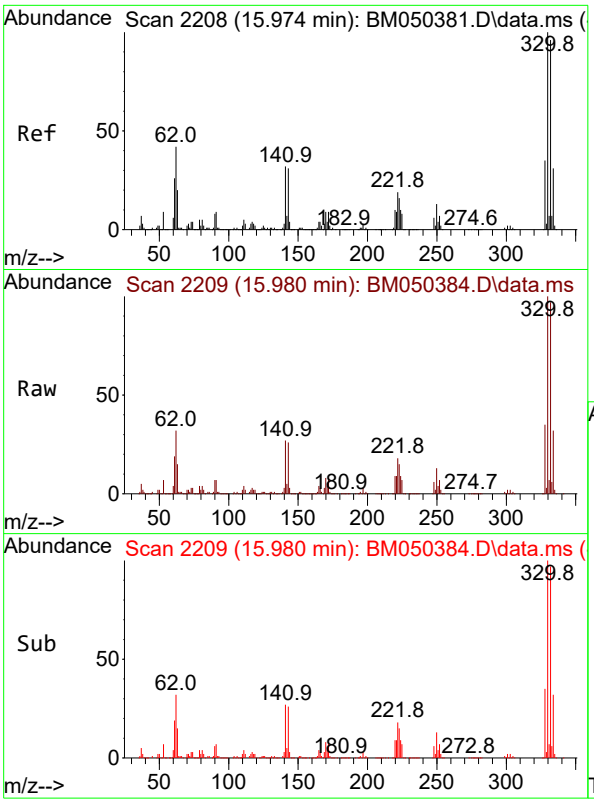


#41
Hexachlorocyclopentadiene
Concen: 90.239 ng
RT: 12.681 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:237 Resp: 1914528

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.3	82.3
272	13.2	0.0	33.0



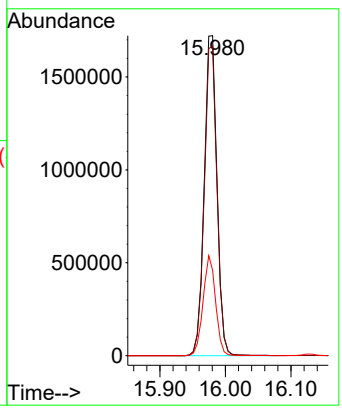


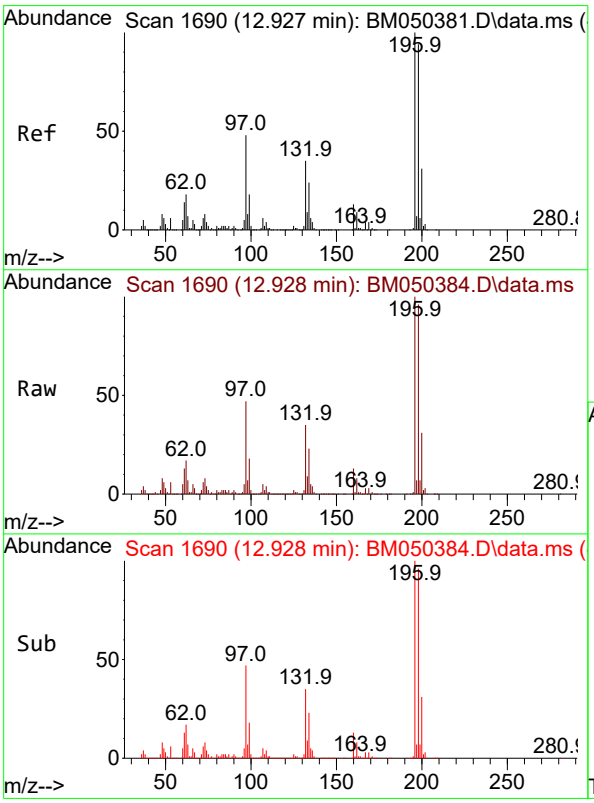
#42
2,4,6-Tribromophenol
Concen: 184.182 ng
RT: 15.980 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:330 Resp: 2335664

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	30.7	27.4	41.0

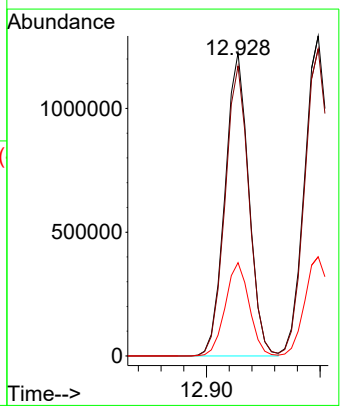


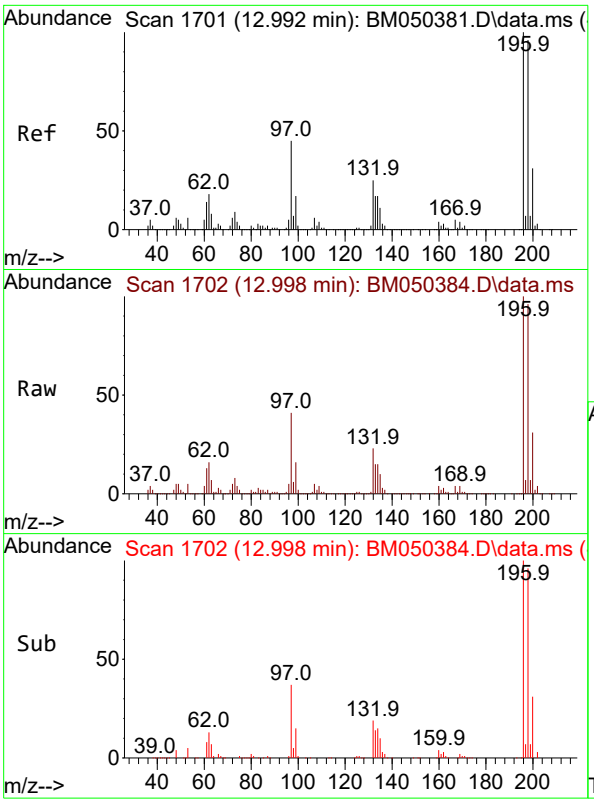


#43
2,4,6-Trichlorophenol
Concen: 87.263 ng
RT: 12.928 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:196 Resp: 1782842

Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.1	112.7
200	30.8	24.6	37.0



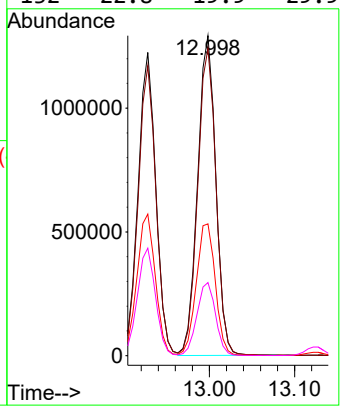


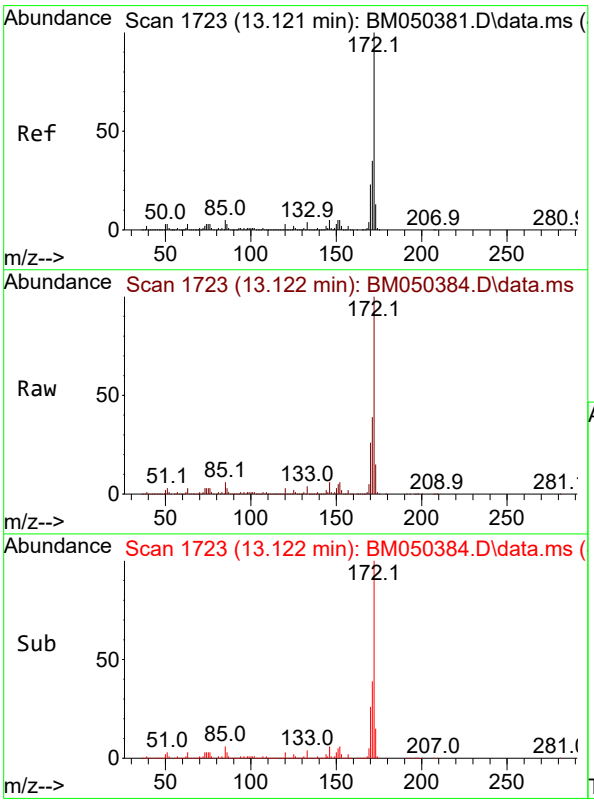
#44
2,4,5-Trichlorophenol
Concen: 86.021 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1919360

Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.2	115.8
97	41.2	36.2	54.4
132	22.8	19.9	29.9

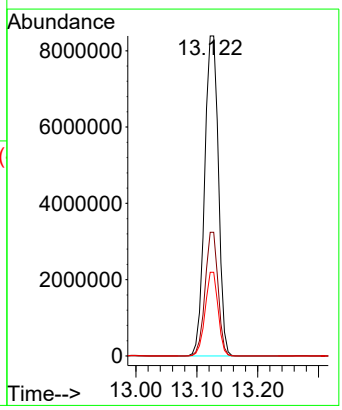


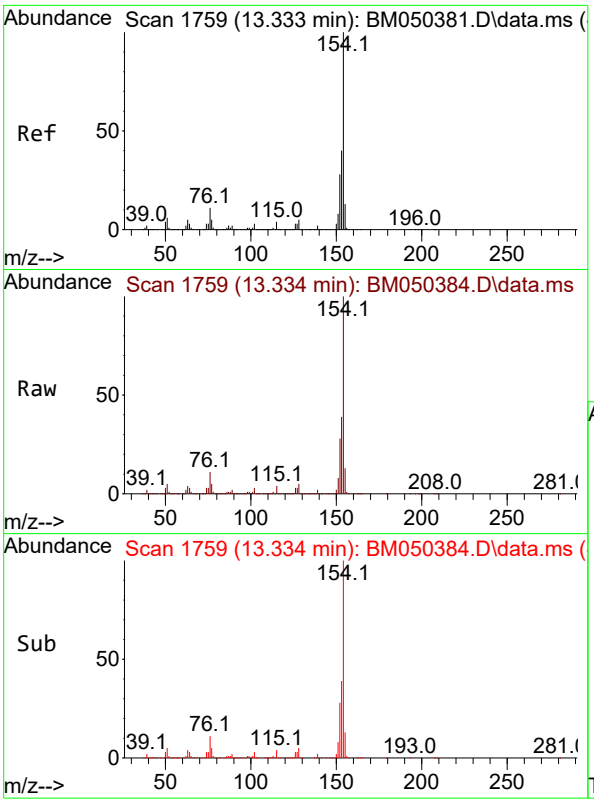


#45
2-Fluorobiphenyl
Concen: 155.576 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:172 Resp:13148691

Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.7	41.5
170	26.2	18.8	28.2



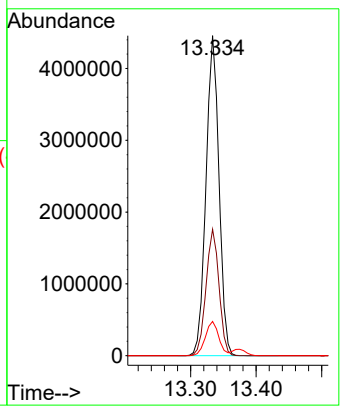


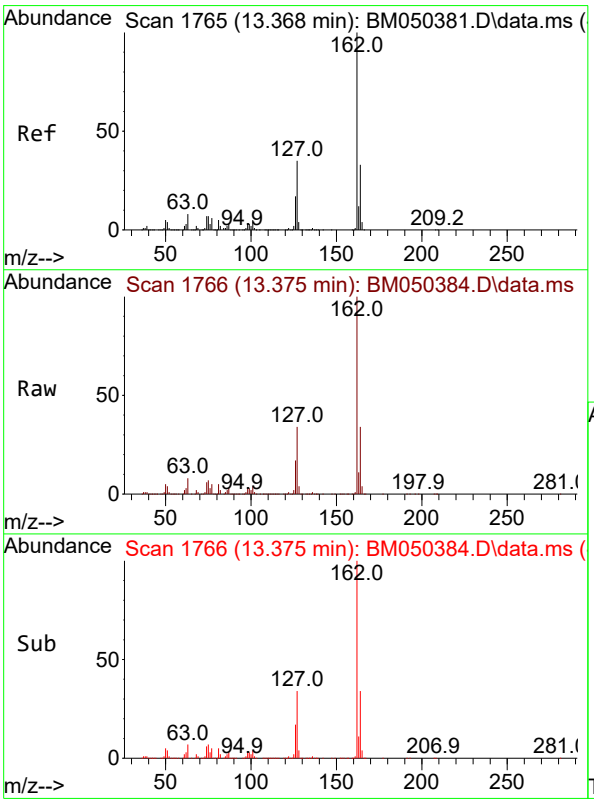
#46
1,1'-Biphenyl
Concen: 79.310 ng
RT: 13.334 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 6141549

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.7	59.7
76	10.7	0.0	30.9

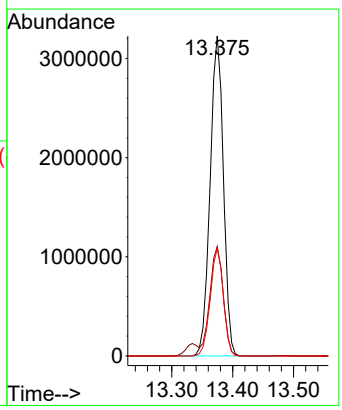


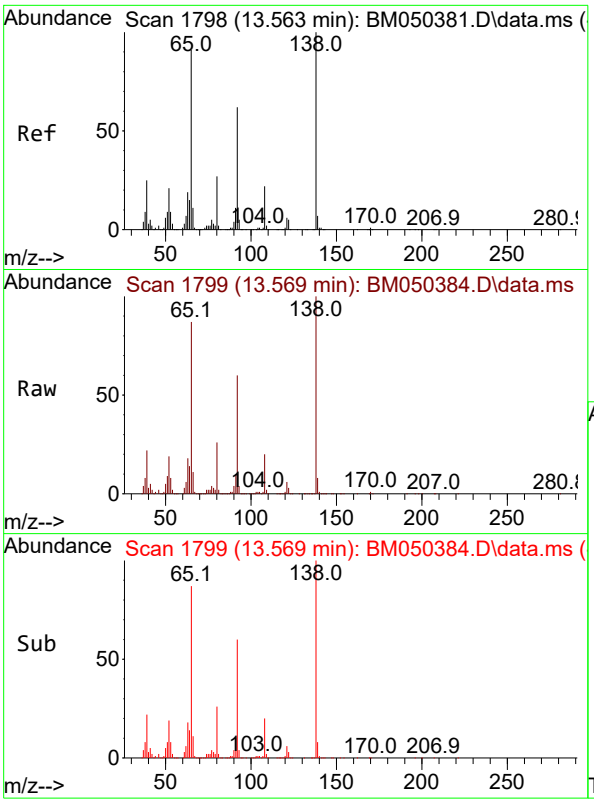


#47
2-Chloronaphthalene
Concen: 79.196 ng
RT: 13.375 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:162 Resp: 4889665

Ion	Ratio	Lower	Upper
162	100		
127	34.2	28.3	42.5
164	33.6	26.6	40.0



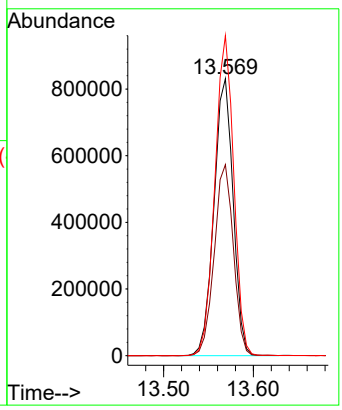


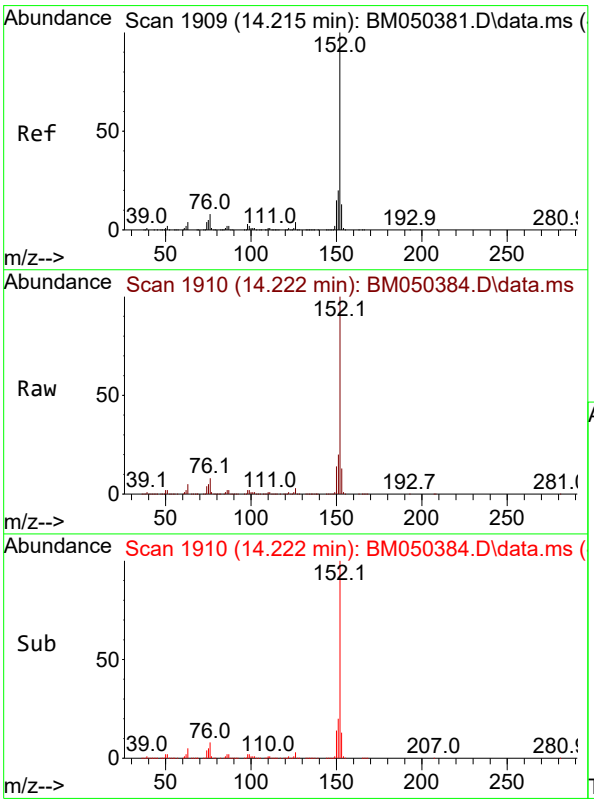
#48
2-Nitroaniline
Concen: 89.485 ng
RT: 13.569 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 65 Resp: 1233222

Ion	Ratio	Lower	Upper
65	100		
92	68.9	54.3	81.5
138	115.5	87.8	131.6

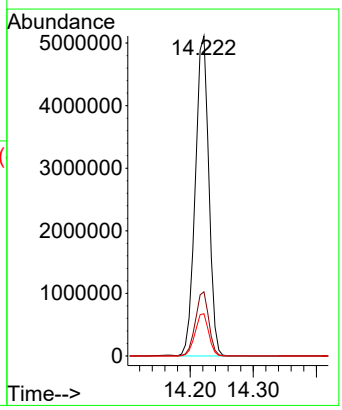


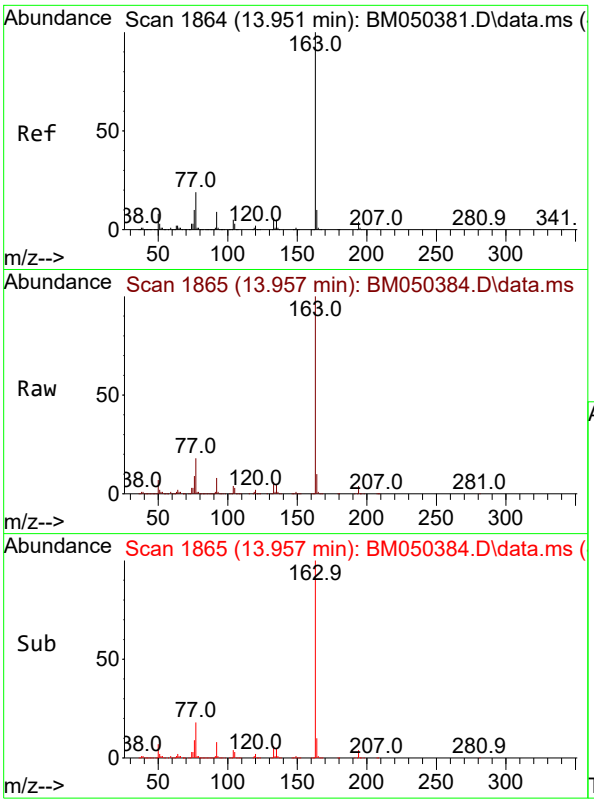


#49
Acenaphthylene
Concen: 81.019 ng
RT: 14.222 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:152 Resp: 7559726

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.2	10.6	15.8



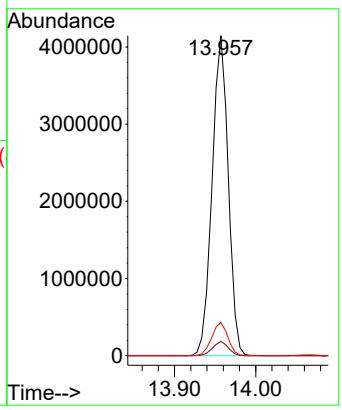


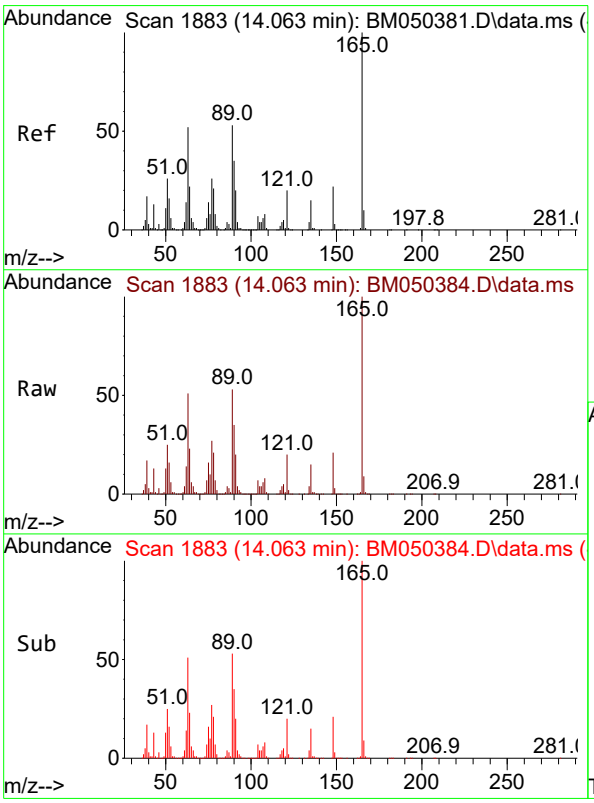
#50
Dimethylphthalate
Concen: 79.779 ng
RT: 13.957 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 5732691

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.2	12.2

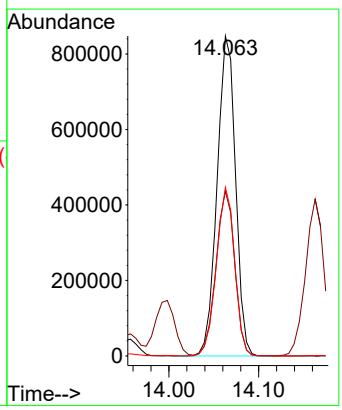


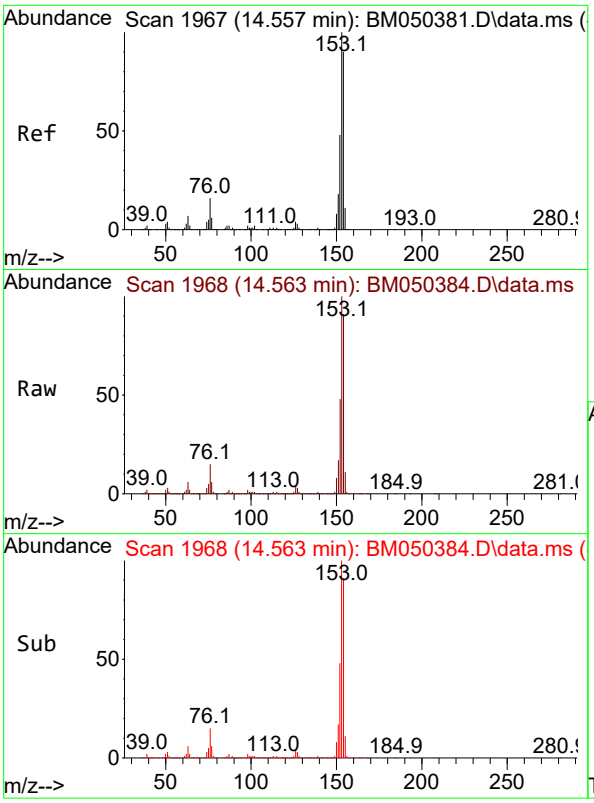


#51
2,6-Dinitrotoluene
Concen: 87.496 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:165 Resp: 1207179

Ion	Ratio	Lower	Upper
165	100		
63	51.5	42.4	63.6
89	52.7	42.2	63.2



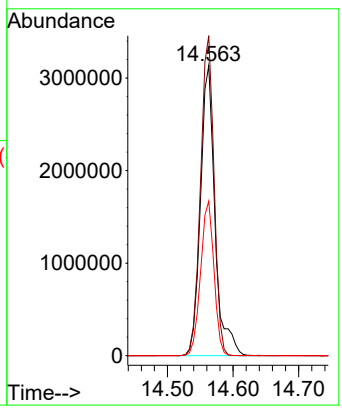


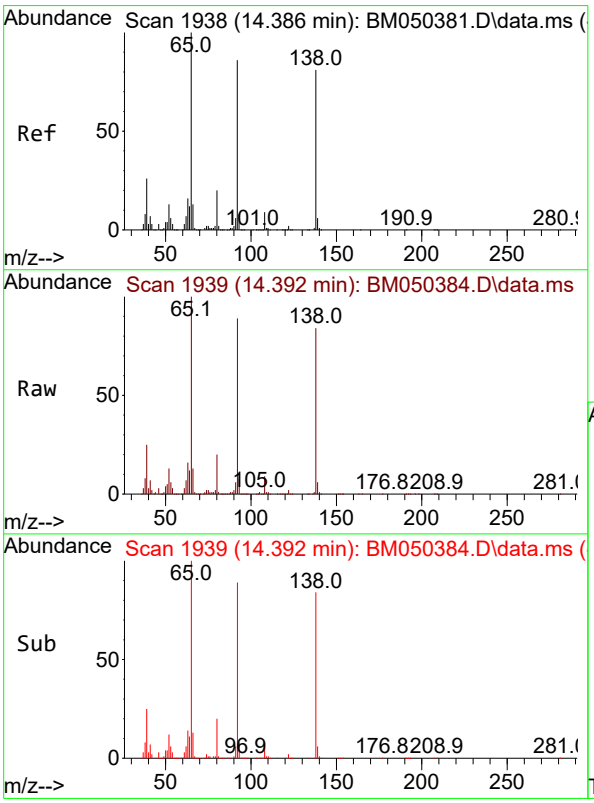
#52
Acenaphthene
Concen: 81.486 ng
RT: 14.563 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 4833886

Ion	Ratio	Lower	Upper
154	100		
153	110.3	89.2	133.8
152	53.3	42.6	64.0

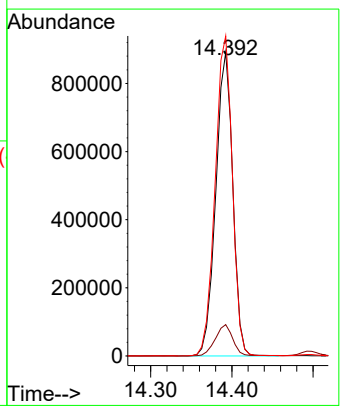


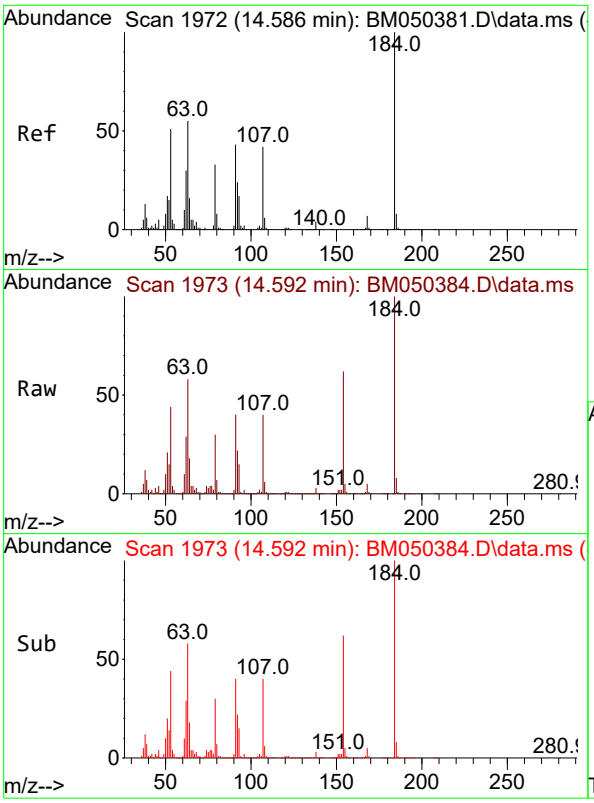


#53
3-Nitroaniline
Concen: 88.444 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:138 Resp: 1297724

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.8	13.2
92	105.4	85.0	127.6



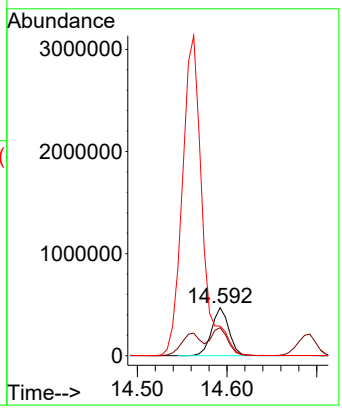


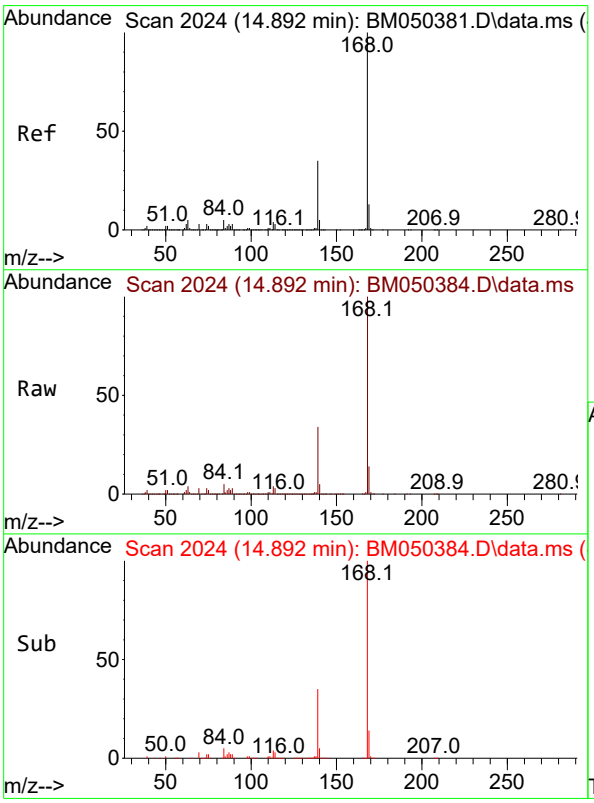
#54
2,4-Dinitrophenol
Concen: 82.116 ng
RT: 14.592 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 626569

Ion	Ratio	Lower	Upper
184	100		
63	58.4	53.4	80.0
154	61.7	61.6	92.4

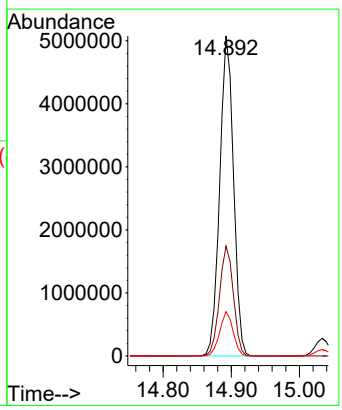


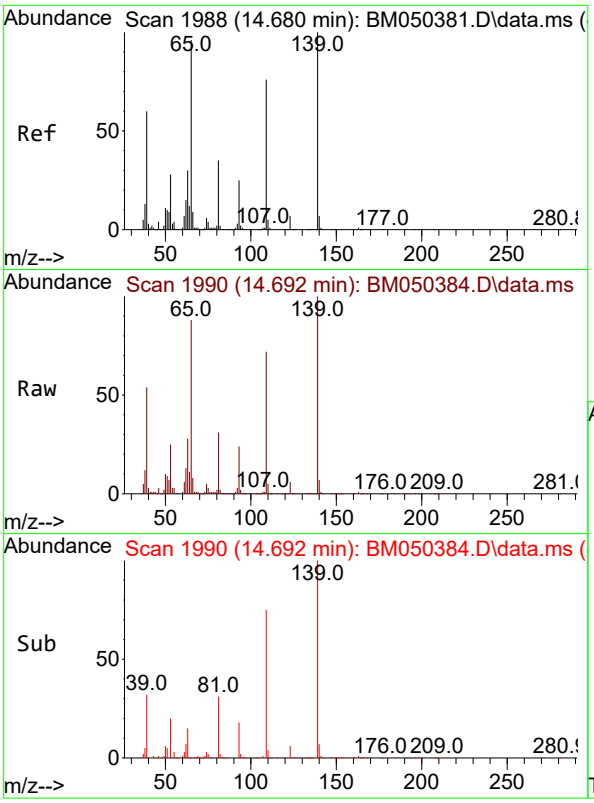


#55
Dibenzofuran
Concen: 78.152 ng
RT: 14.892 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:168 Resp: 7143343

Ion	Ratio	Lower	Upper
168	100		
139	34.4	27.7	41.5
169	13.8	10.7	16.1



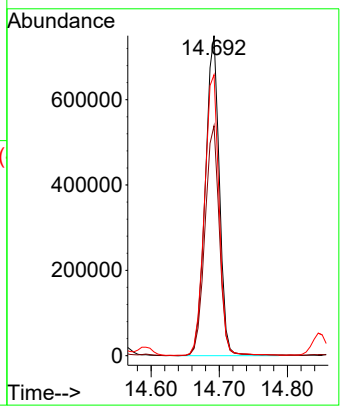


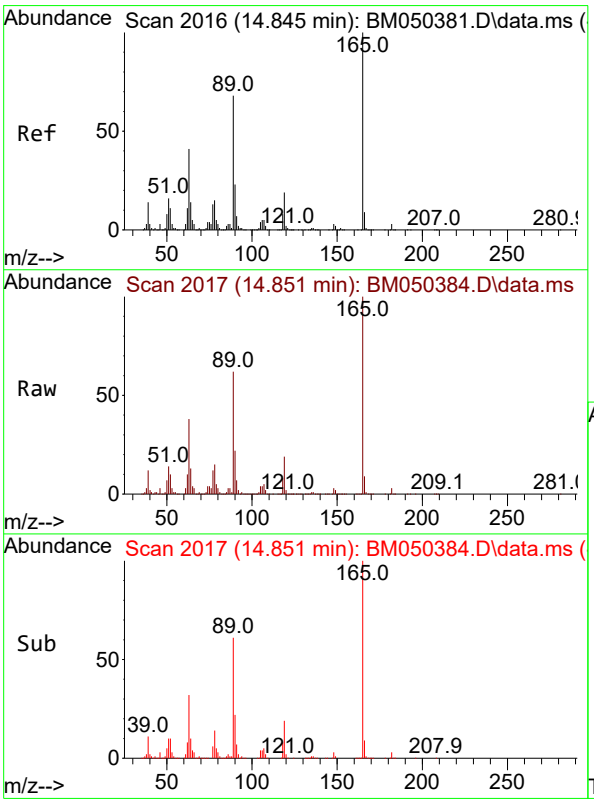
#56
4-Nitrophenol
Concen: 85.262 ng
RT: 14.692 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 1075848

Ion	Ratio	Lower	Upper
139	100		
109	71.9	56.5	96.5
65	87.8	76.4	116.4

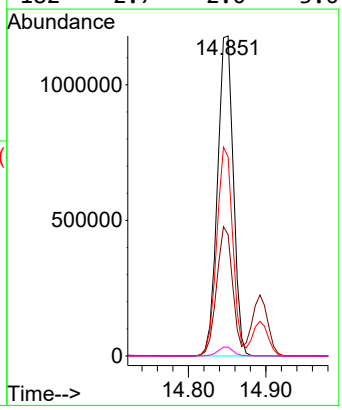


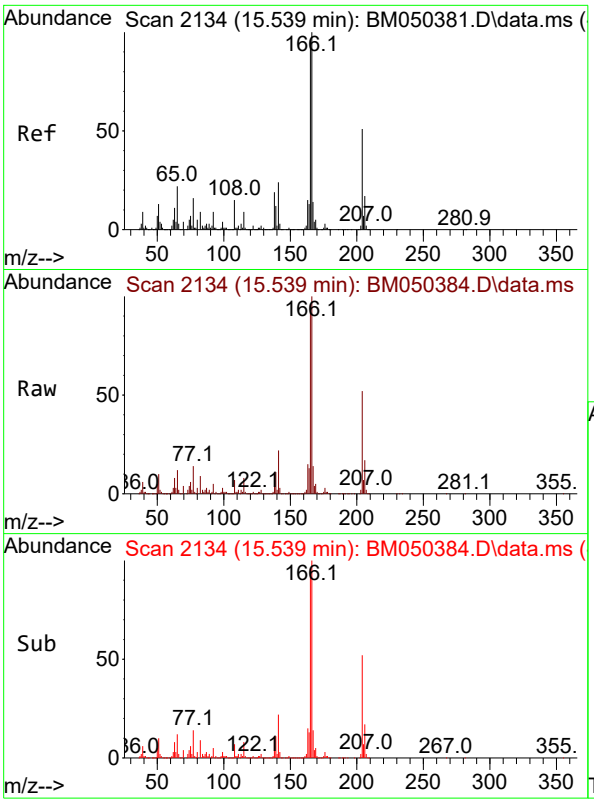


#57
2,4-Dinitrotoluene
Concen: 79.189 ng
RT: 14.851 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:165 Resp: 1674329

Ion	Ratio	Lower	Upper
165	100		
63	37.9	32.5	48.7
89	62.2	54.0	81.0
182	2.7	2.0	3.0



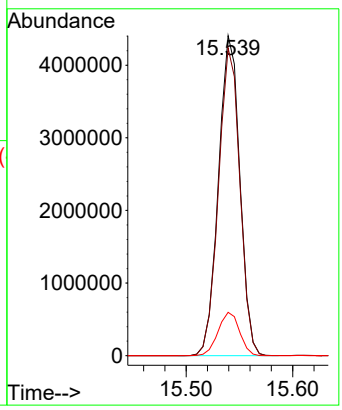


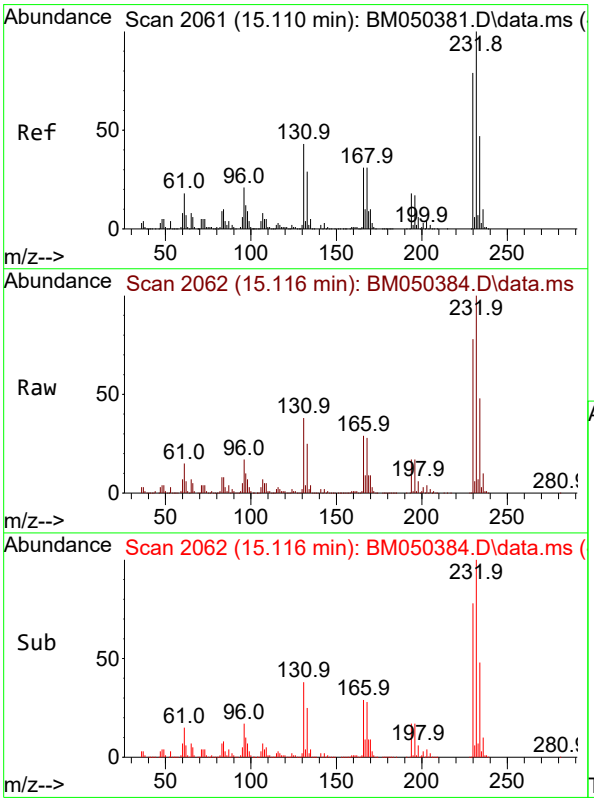
#58
Fluorene
Concen: 81.530 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:166 Resp: 6138107

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.0	115.6
167	13.6	10.9	16.3

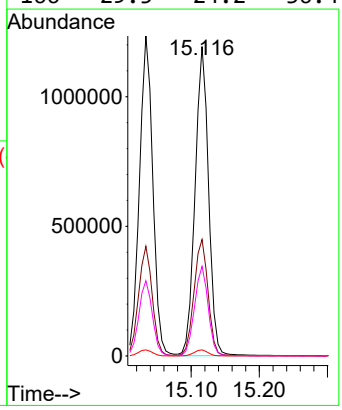


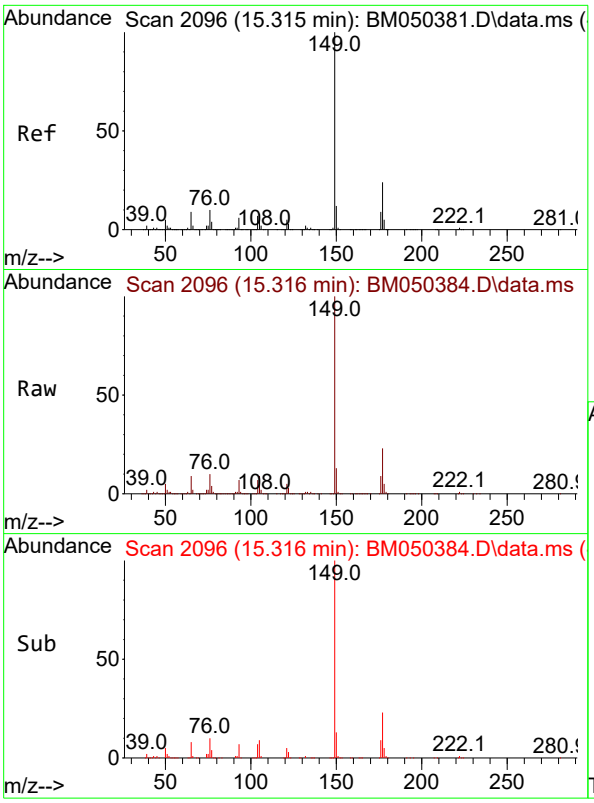


#59
2,3,4,6-Tetrachlorophenol
Concen: 87.136 ng
RT: 15.116 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:232 Resp: 1636646

Ion	Ratio	Lower	Upper
232	100		
131	39.2	33.4	50.0
130	2.1	1.8	2.6
166	29.5	24.2	36.4



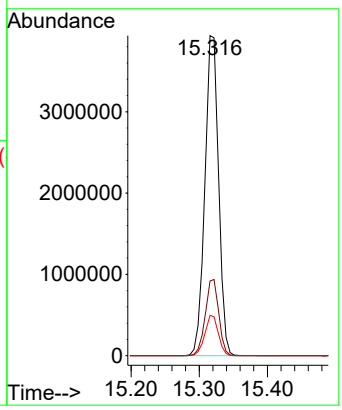


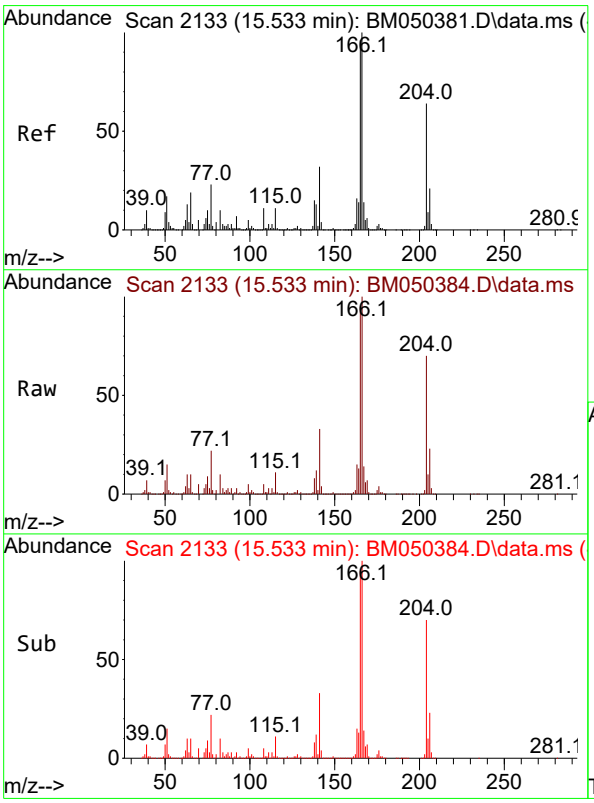
#60
Diethylphthalate
Concen: 80.291 ng
RT: 15.316 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 5511226

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.8	28.2
150	12.6	9.8	14.8

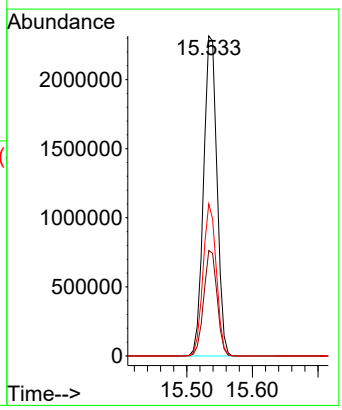


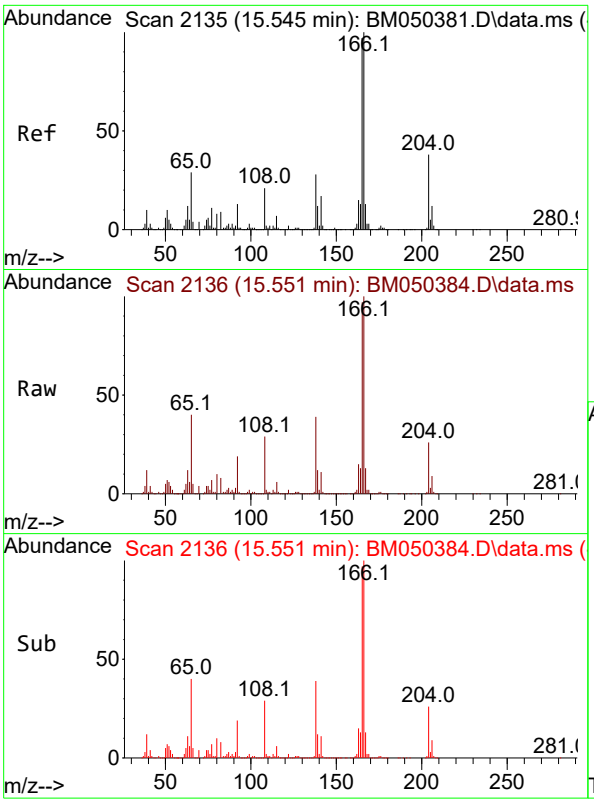


#61
4-Chlorophenyl-phenylether
Concen: 83.798 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:204 Resp: 3298863

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	47.5	39.9	59.9



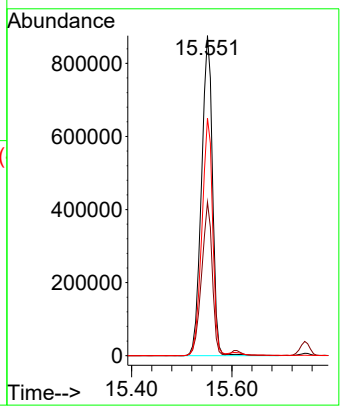


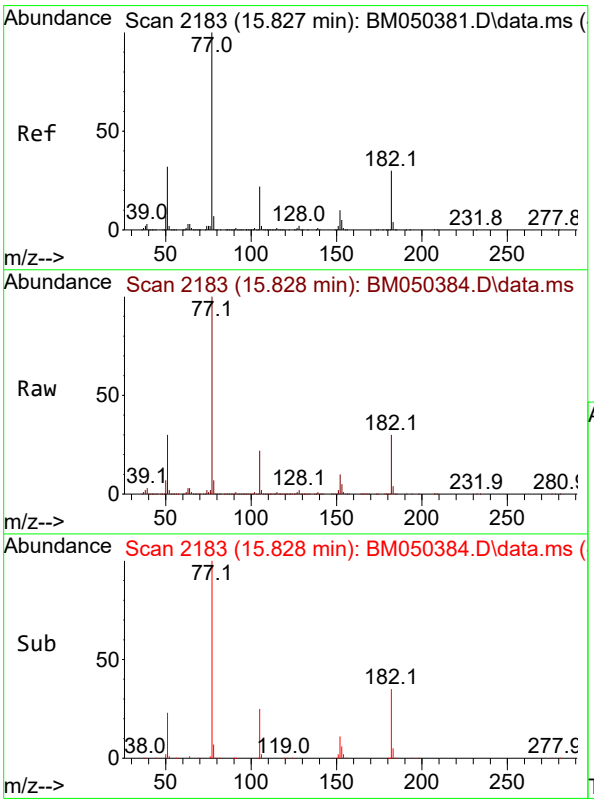
#62
4-Nitroaniline
Concen: 77.536 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 1336300

Ion	Ratio	Lower	Upper
138	100		
92	48.0	24.5	64.5
108	74.2	52.5	92.5

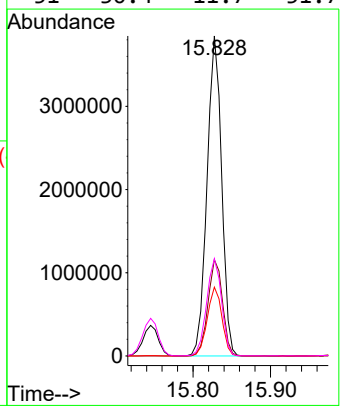


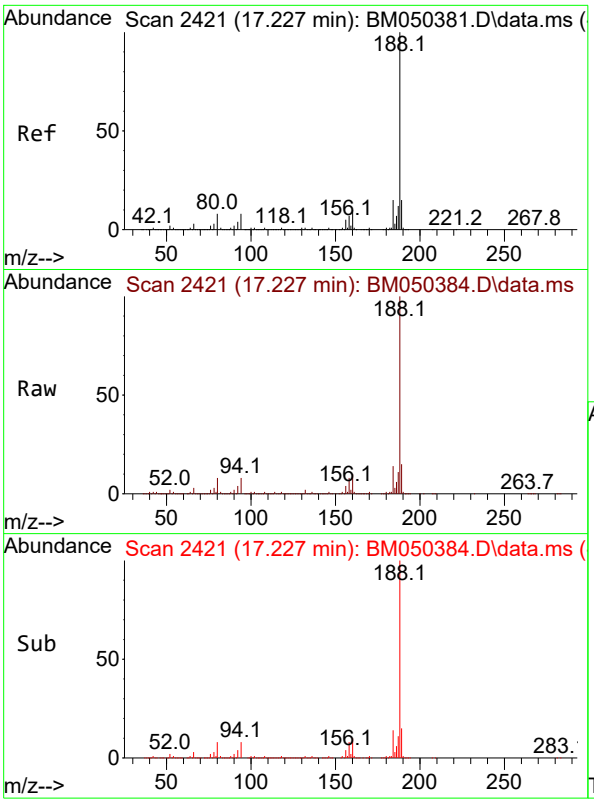


#63
Azobenzene
Concen: 79.741 ng
RT: 15.828 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 77 Resp: 5026045

Ion	Ratio	Lower	Upper
77	100		
182	30.1	10.0	50.0
105	21.5	2.0	42.0
51	30.4	11.7	51.7



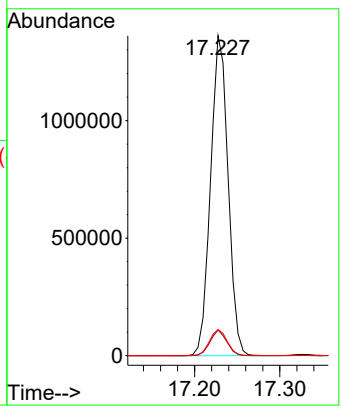


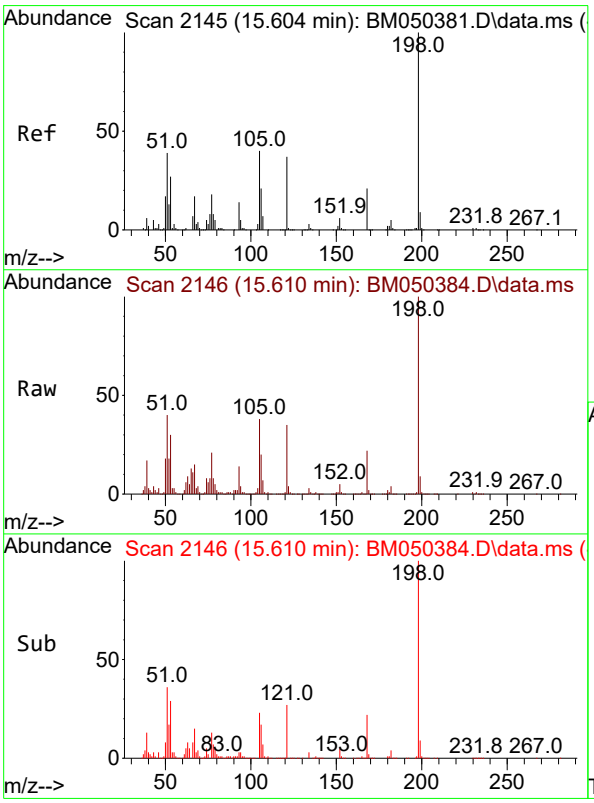
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:188 Resp: 1944455

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.0	9.0
80	8.1	6.5	9.7

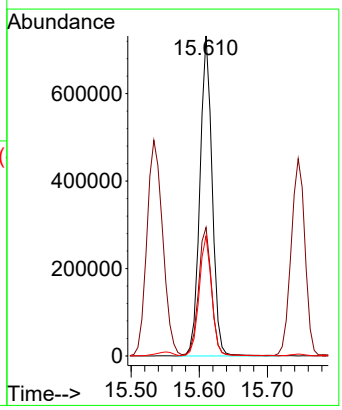


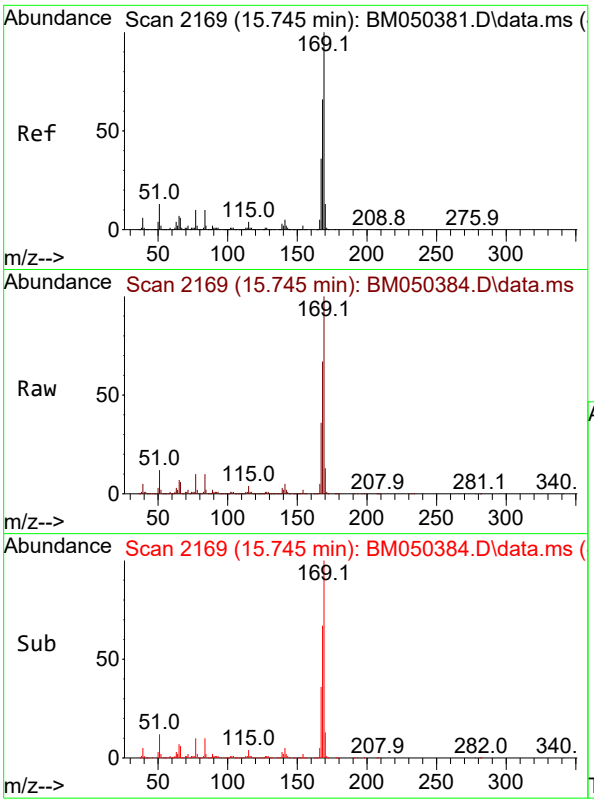


#65
4,6-Dinitro-2-methylphenol
Concen: 82.140 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:198 Resp: 912781

Ion	Ratio	Lower	Upper
198	100		
51	40.1	26.6	66.6
105	37.5	20.9	60.9



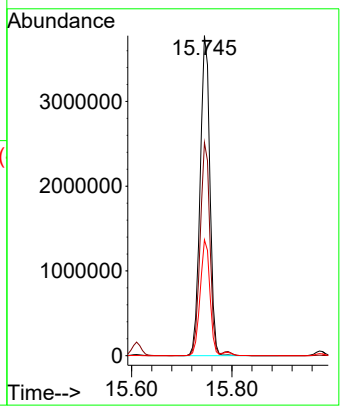


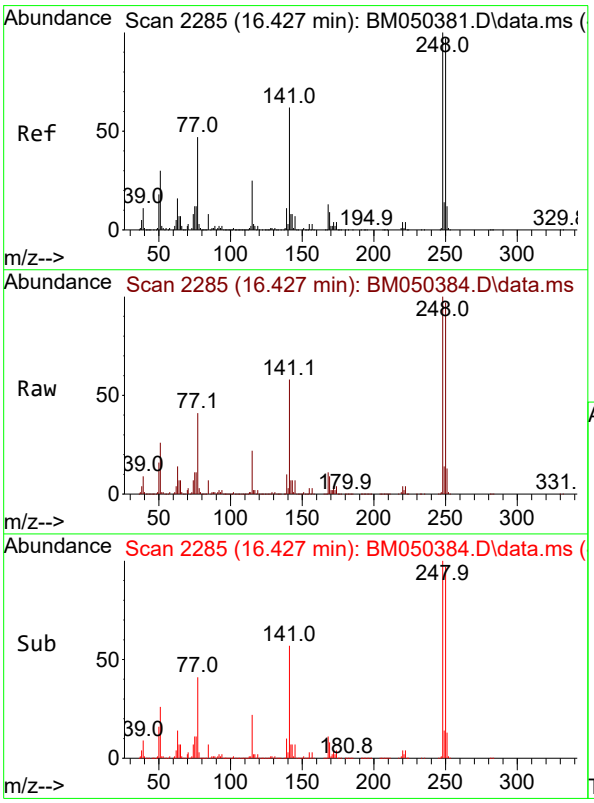
#66
n-Nitrosodiphenylamine
Concen: 83.592 ng
RT: 15.745 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:169 Resp: 5086187

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.2	79.8
167	36.2	28.7	43.1

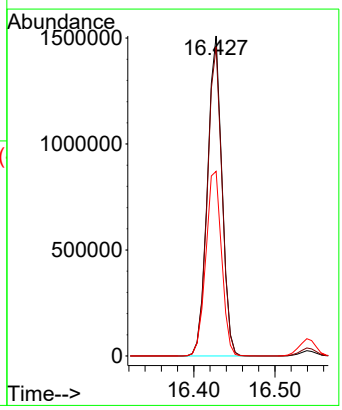


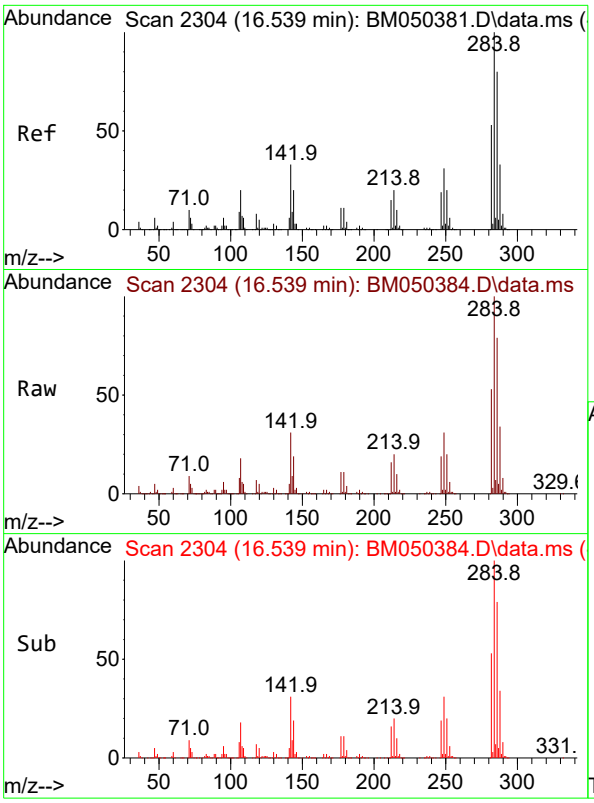


#67
4-Bromophenyl-phenylether
Concen: 87.664 ng
RT: 16.427 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:248 Resp: 1878071

Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.9	116.9
141	57.7	49.7	74.5



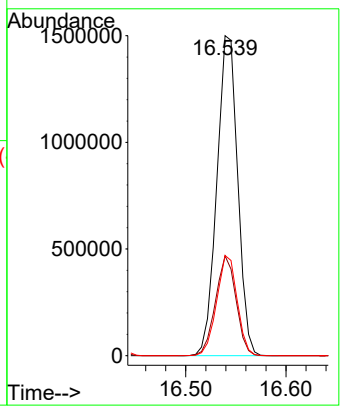


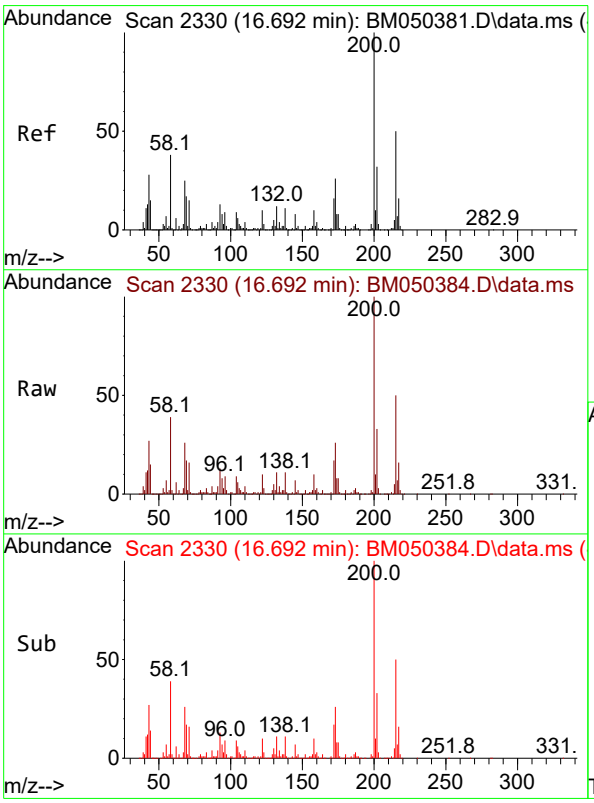
#68
Hexachlorobenzene
Concen: 85.534 ng
RT: 16.539 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 2164238

Ion	Ratio	Lower	Upper
284	100		
142	31.2	26.8	40.2
249	31.3	24.5	36.7

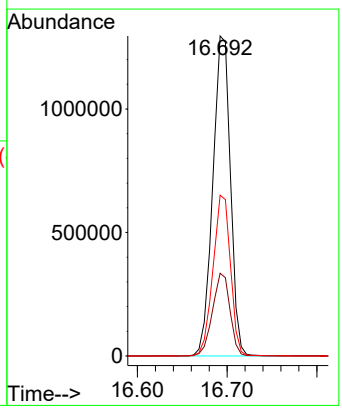


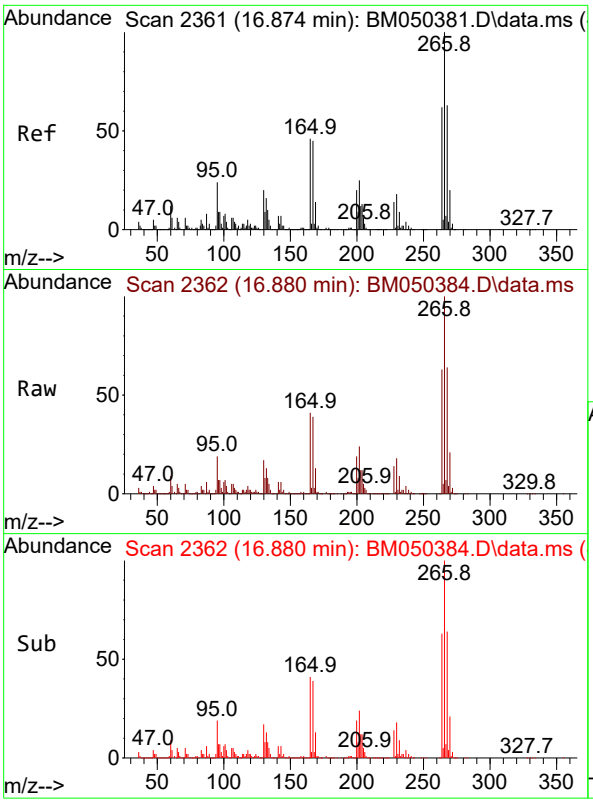


#69
Atrazine
Concen: 88.450 ng
RT: 16.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:200 Resp: 1767182

Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.6	45.6
215	50.3	29.6	69.6



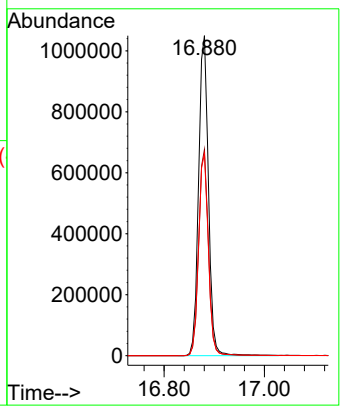


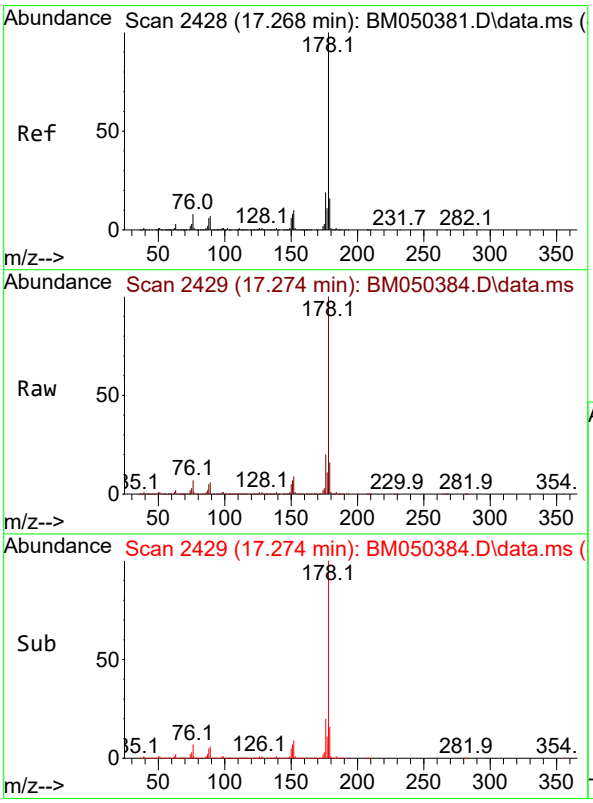
#70
Pentachlorophenol
Concen: 90.473 ng
RT: 16.880 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 1425059

Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.5	75.7
264	63.1	49.9	74.9

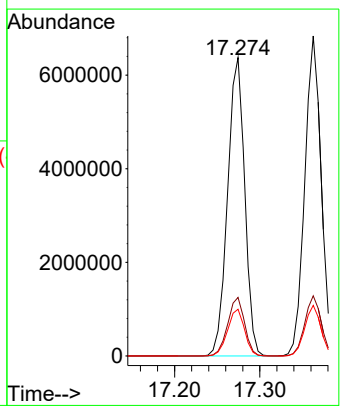


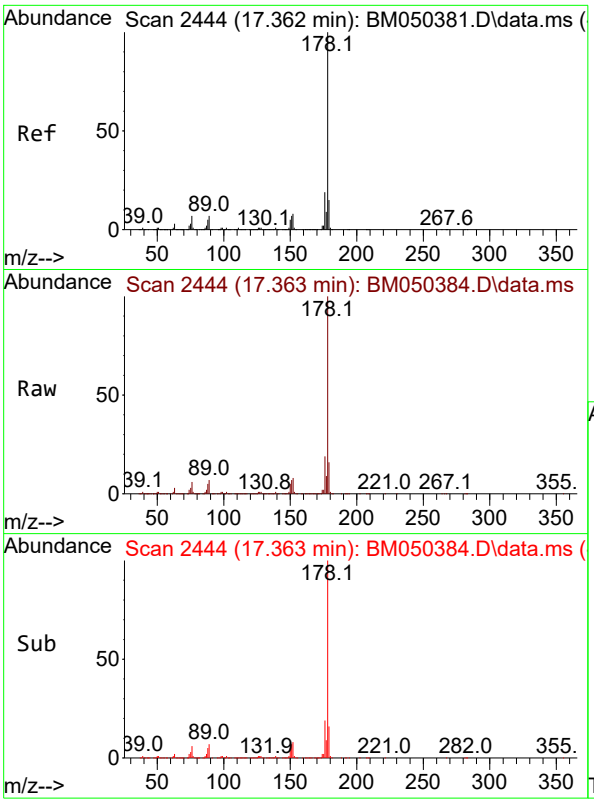


#71
Phenanthrene
Concen: 80.828 ng
RT: 17.274 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:178 Resp: 8893346

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.7	12.5	18.7



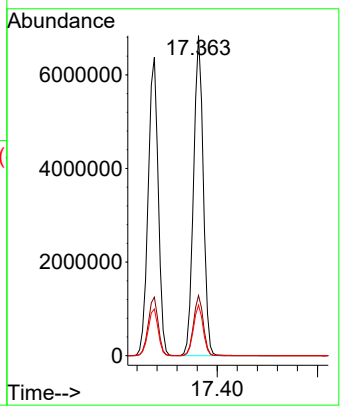


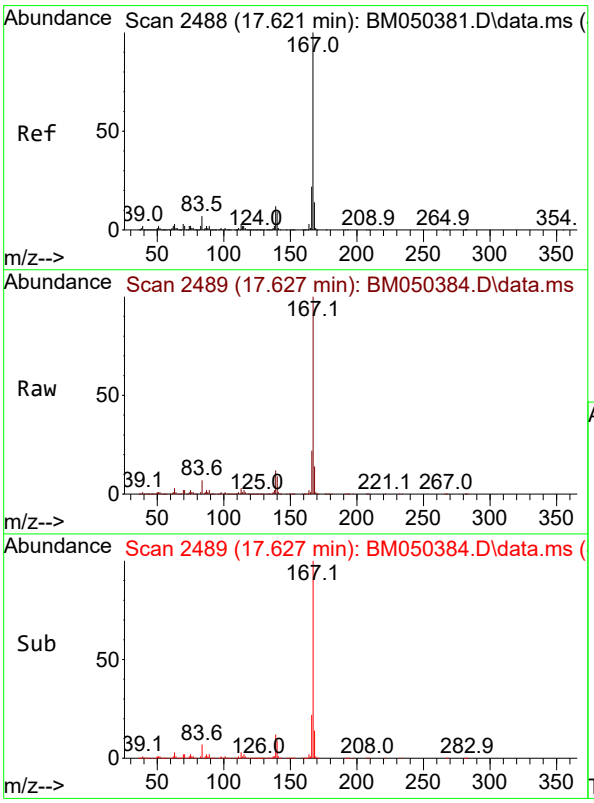
#72
Anthracene
Concen: 83.709 ng
RT: 17.363 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 9167986

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.8	12.2	18.4

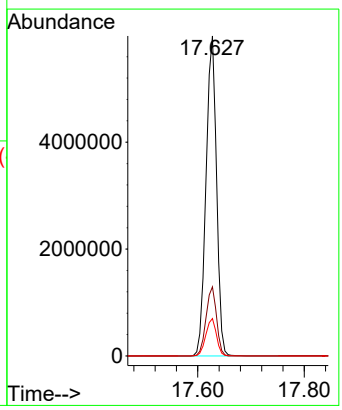


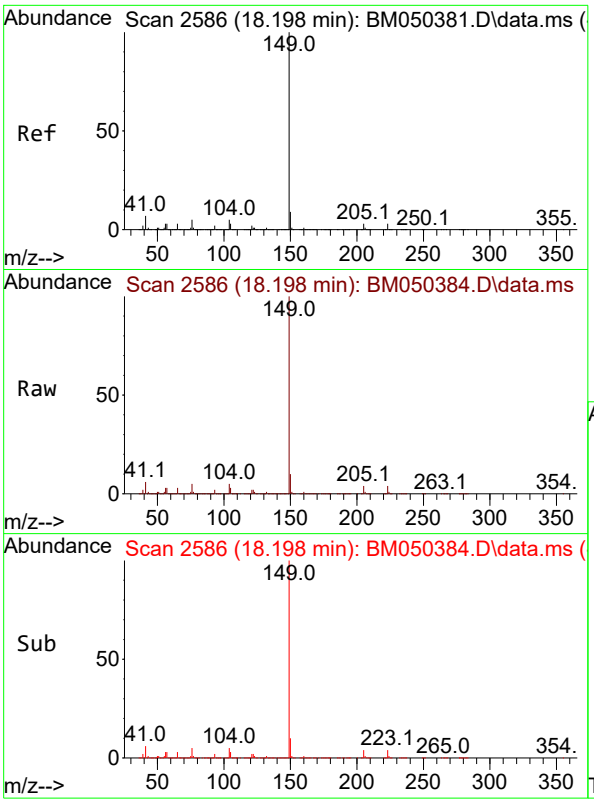


#73
Carbazole
Concen: 82.547 ng
RT: 17.627 min Scan# 2489
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:167 Resp: 8180242

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	11.7	9.9	14.9



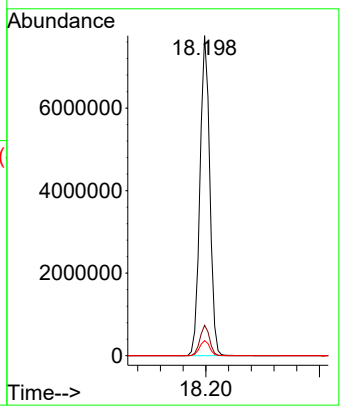


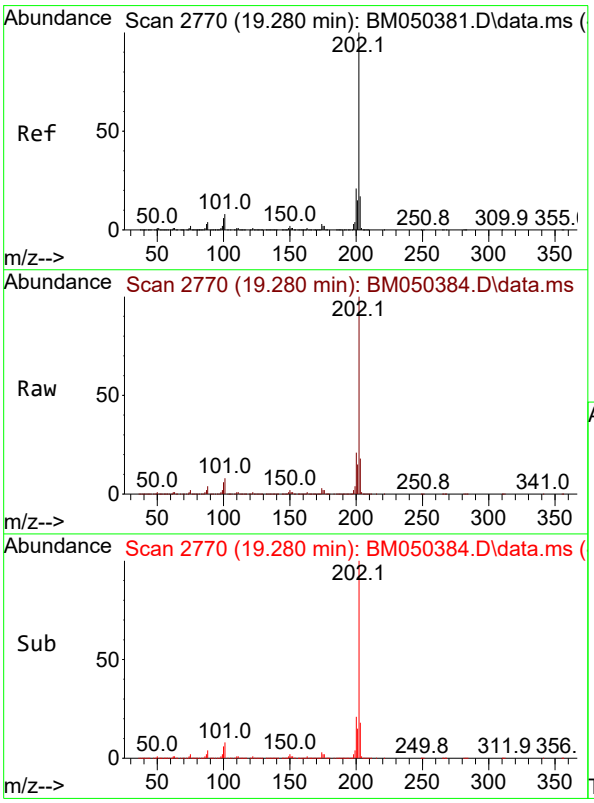
#74
Di-n-butylphthalate
Concen: 85.749 ng
RT: 18.198 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 9300935

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.7	3.9	5.9

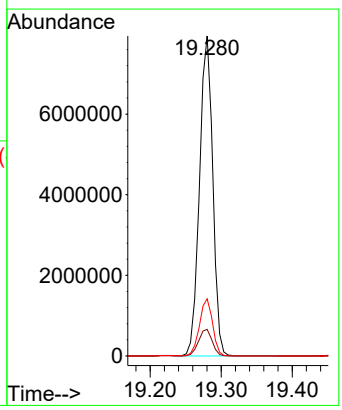


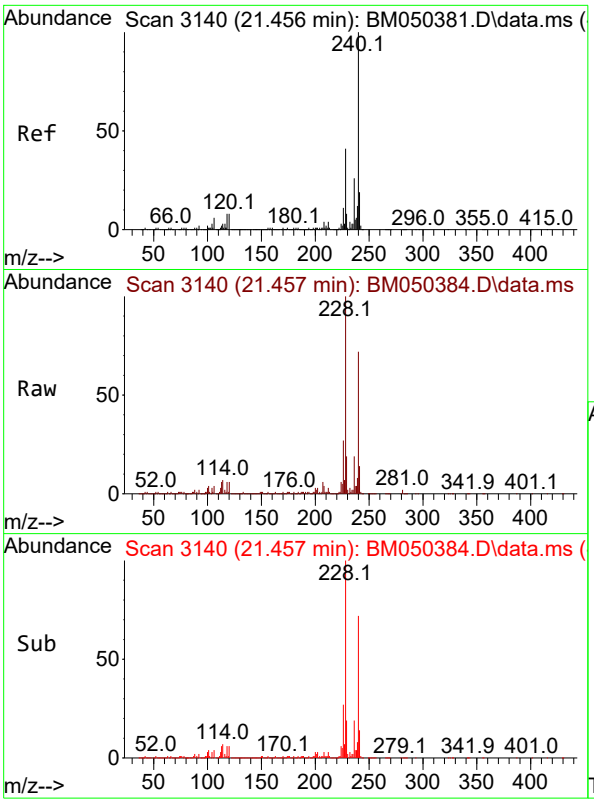


#75
Fluoranthene
Concen: 86.256 ng
RT: 19.280 min Scan# 2770
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:202 Resp:10317307

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	17.9	0.0	37.2



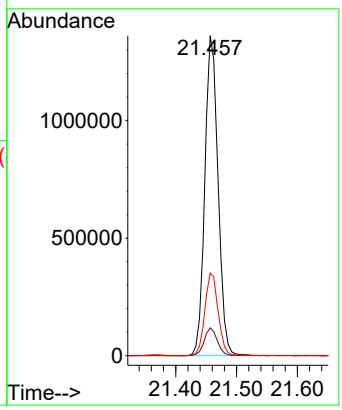


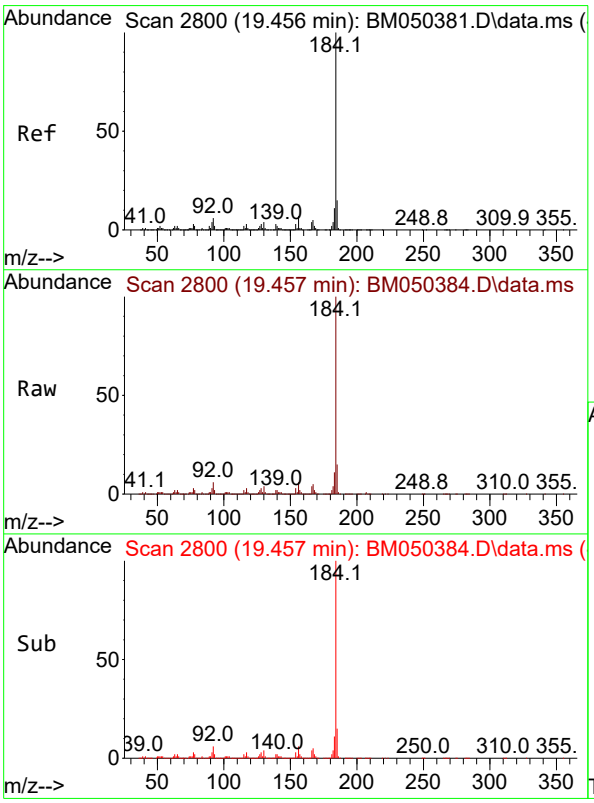
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 2055292

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.7	10.1
236	25.8	20.7	31.1

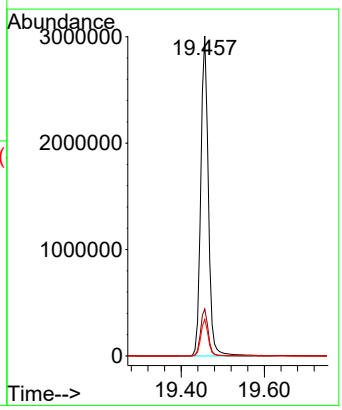


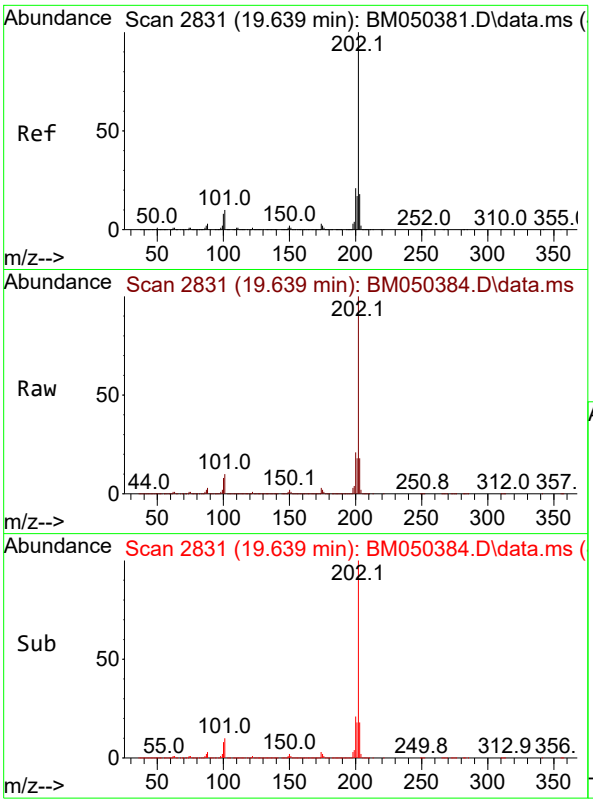


#77
Benzidine
Concen: 72.819 ng
RT: 19.457 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:184 Resp: 3817410

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	11.4	9.0	13.6



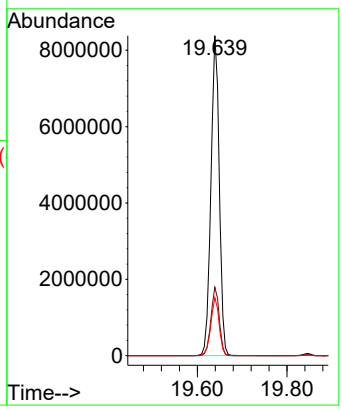


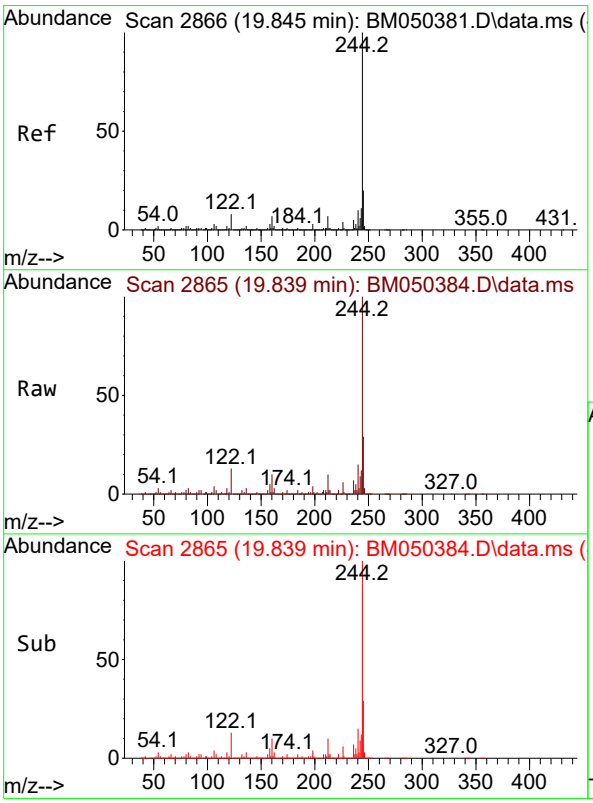
#78
Pyrene
Concen: 82.185 ng
RT: 19.639 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp:10818153

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.1	14.1	21.1

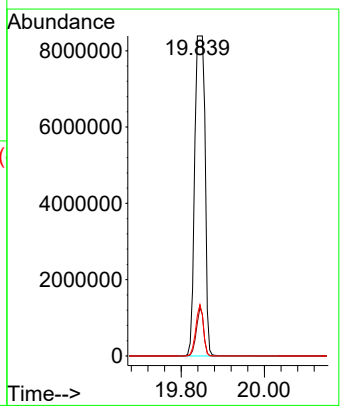


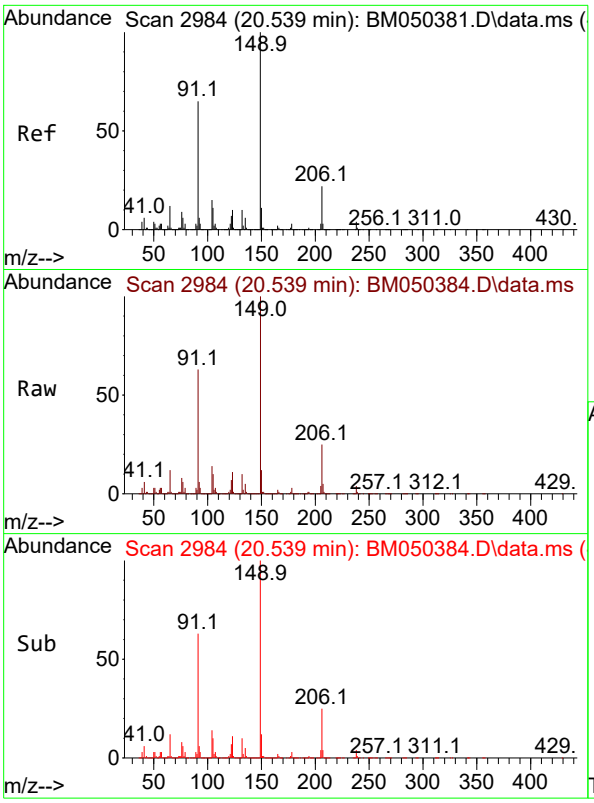


#79
Terphenyl-d14
Concen: 123.577 ng
RT: 19.839 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:244 Resp:14435460

Ion	Ratio	Lower	Upper
244	100		
212	10.5	5.7	8.5#
122	12.8	6.2	9.2#



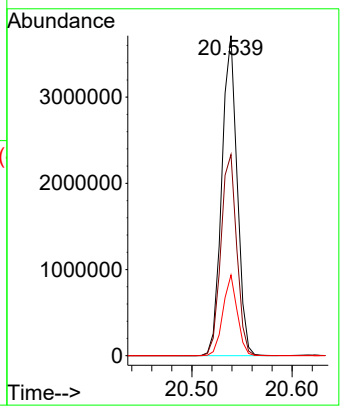


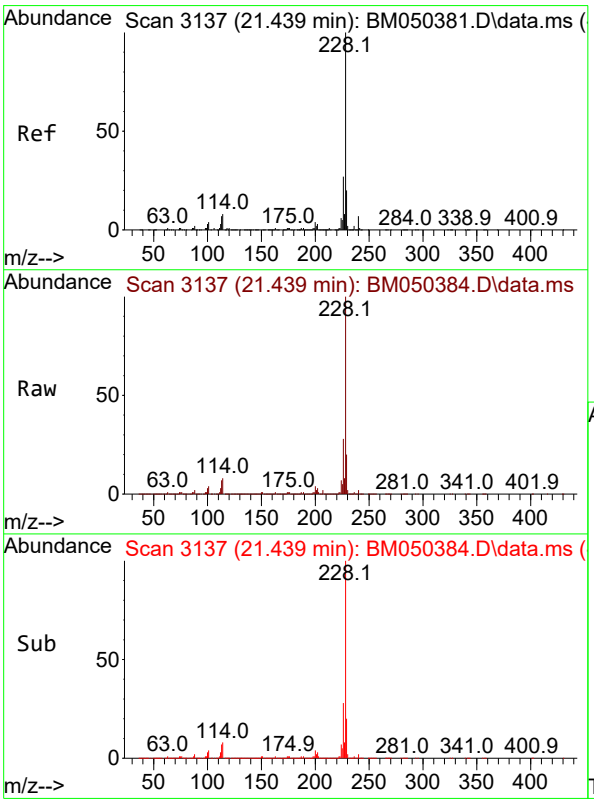
#80
Butylbenzylphthalate
Concen: 90.734 ng
RT: 20.539 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 3938114

Ion	Ratio	Lower	Upper
149	100		
91	62.9	51.6	77.4
206	25.2	17.8	26.8

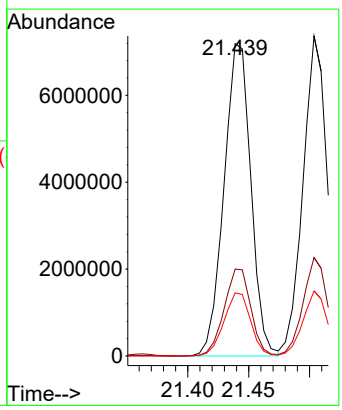


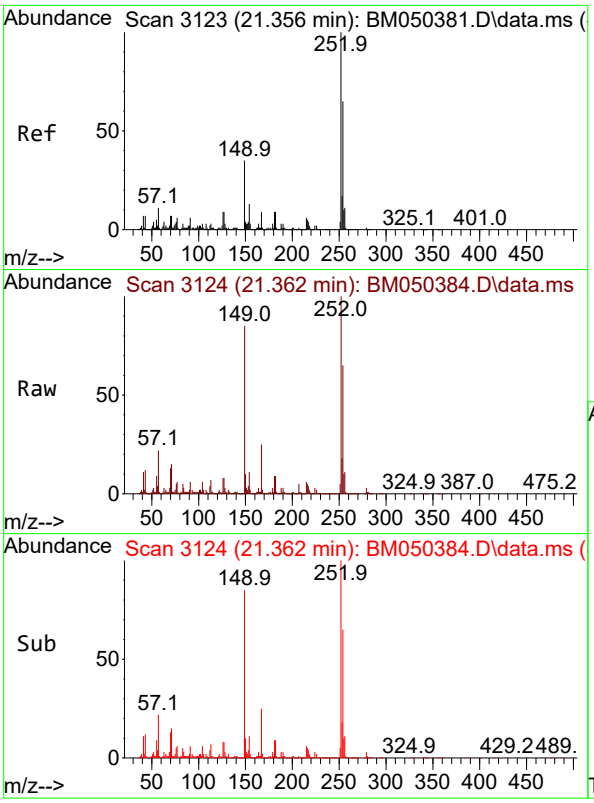


#81
Benzo(a)anthracene
Concen: 82.558 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:228 Resp:11055858

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.2	16.0	24.0



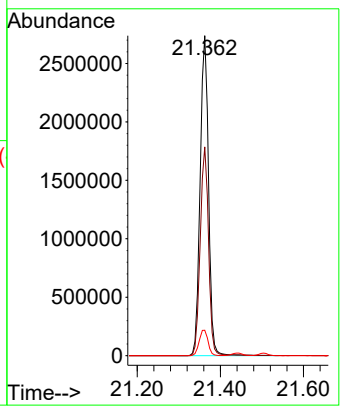


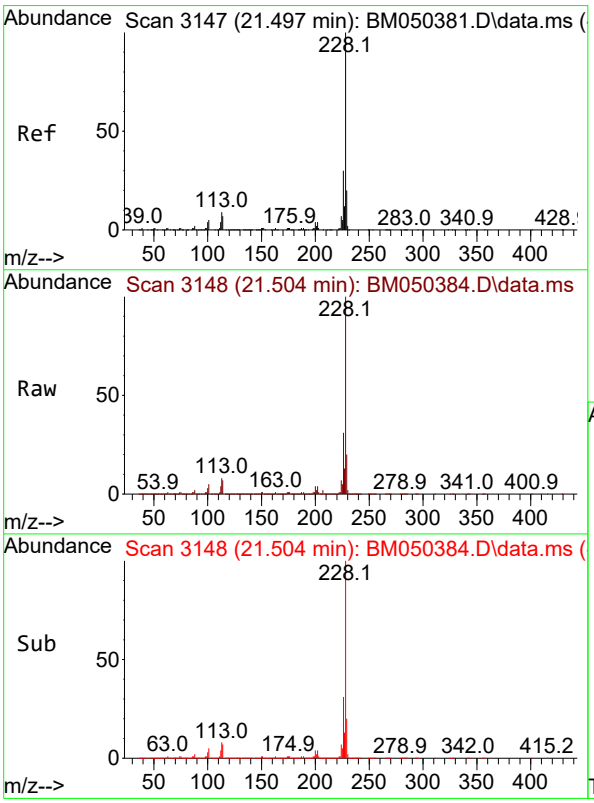
#82
3,3'-Dichlorobenzidine
Concen: 84.699 ng
RT: 21.362 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 3825108

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.7	77.5
126	8.0	7.3	10.9

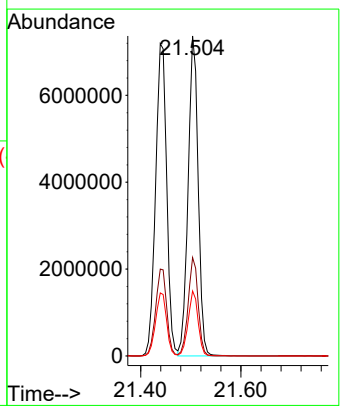


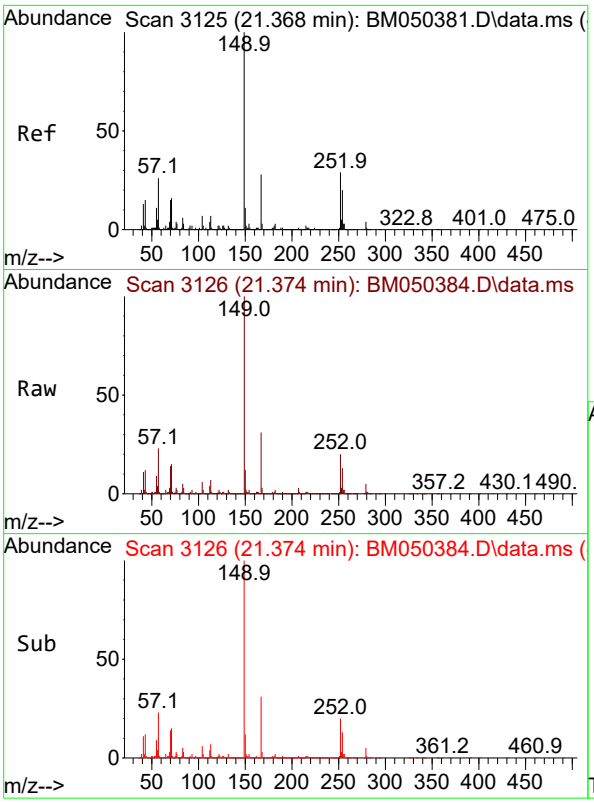


#83
Chrysene
Concen: 81.310 ng
RT: 21.504 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:228 Resp:10270454

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	20.3	15.8	23.6



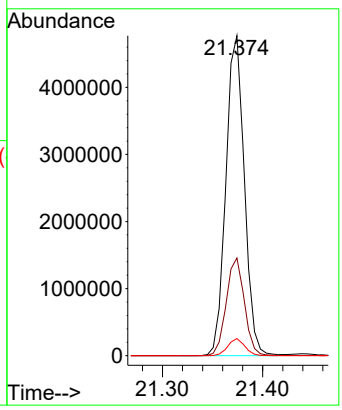


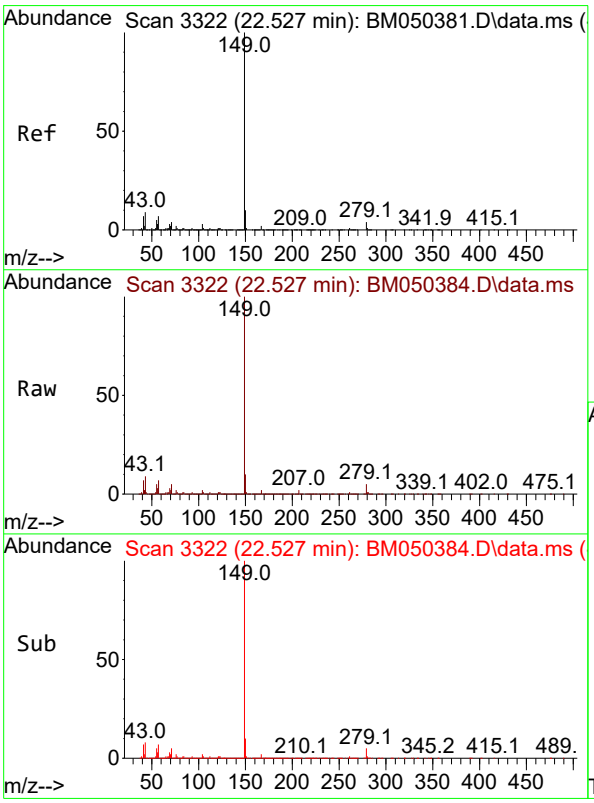
#84
Bis(2-ethylhexyl)phthalate
Concen: 88.540 ng
RT: 21.374 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 6100517

Ion	Ratio	Lower	Upper
149	100		
167	30.5	22.7	34.1
279	5.4	3.5	5.3#

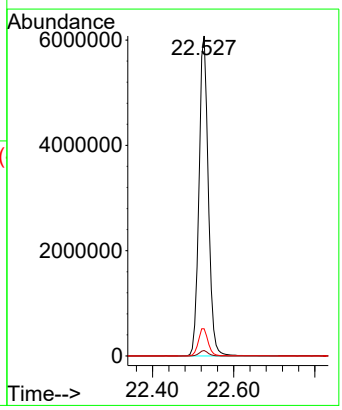


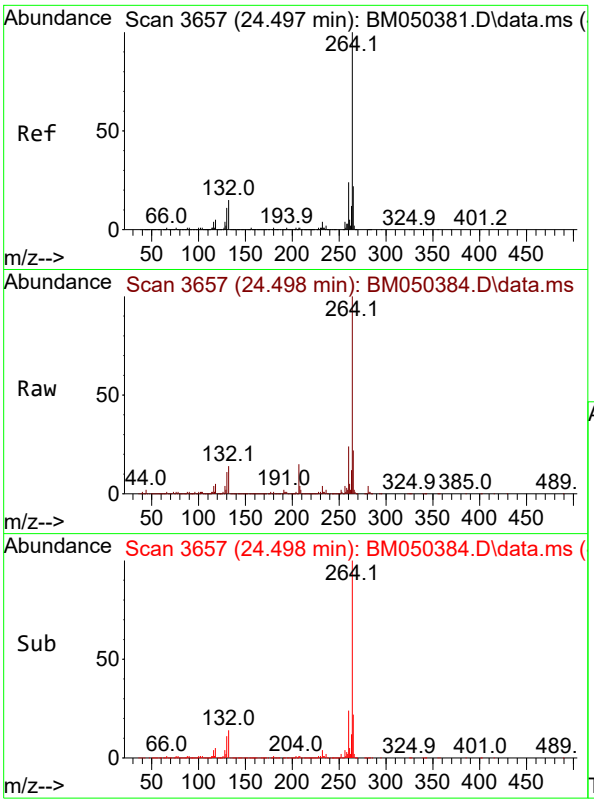


#85
Di-n-octyl phthalate
Concen: 90.093 ng
RT: 22.527 min Scan# 3322
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:149 Resp: 9722259

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.7	11.5



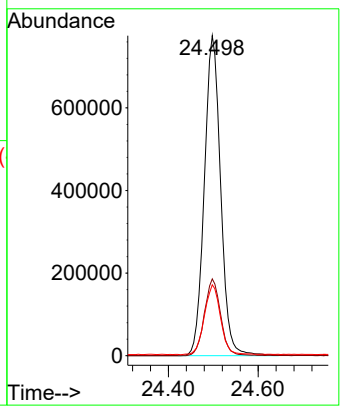


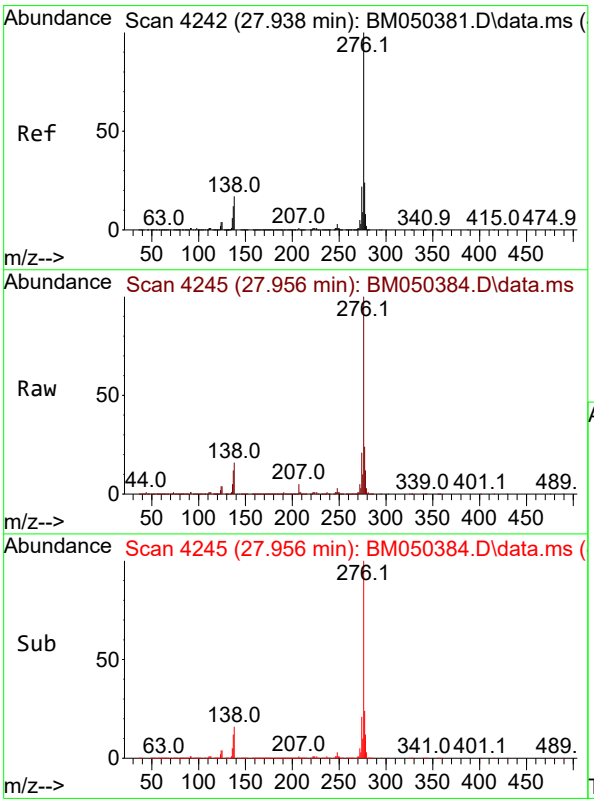
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.498 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 1953481

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.8	26.6

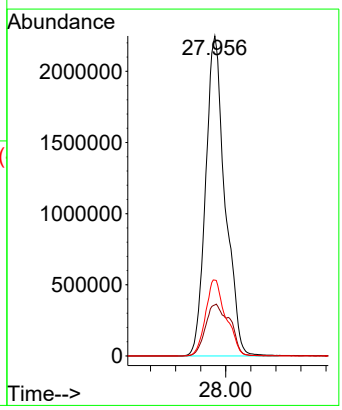


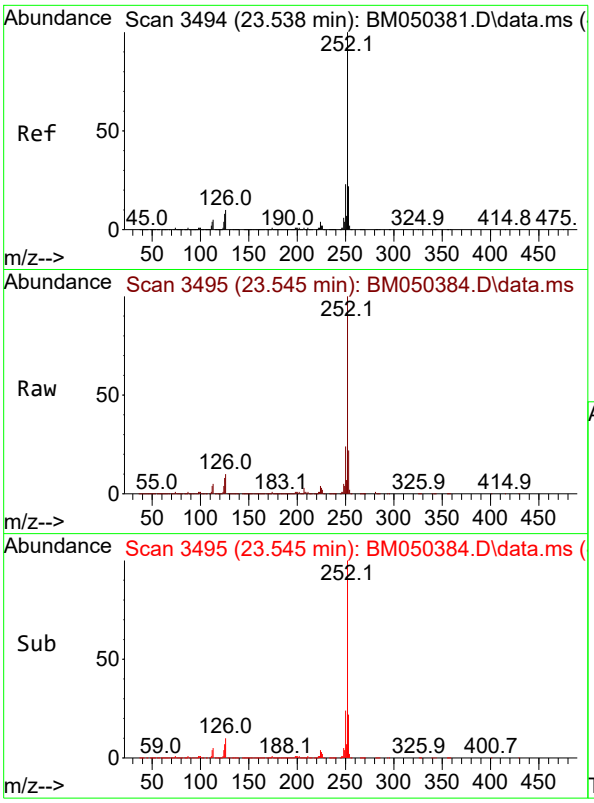


#87
Indeno(1,2,3-cd)pyrene
Concen: 87.270 ng
RT: 27.956 min Scan# 4245
Delta R.T. 0.018 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:276 Resp:12120915

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.0	25.6
277	25.1	20.0	30.0



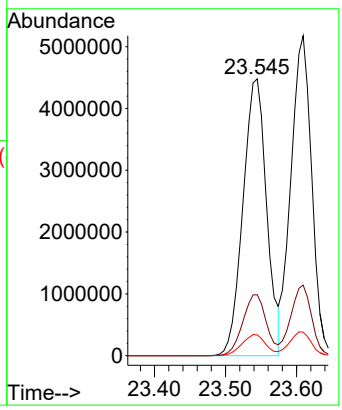


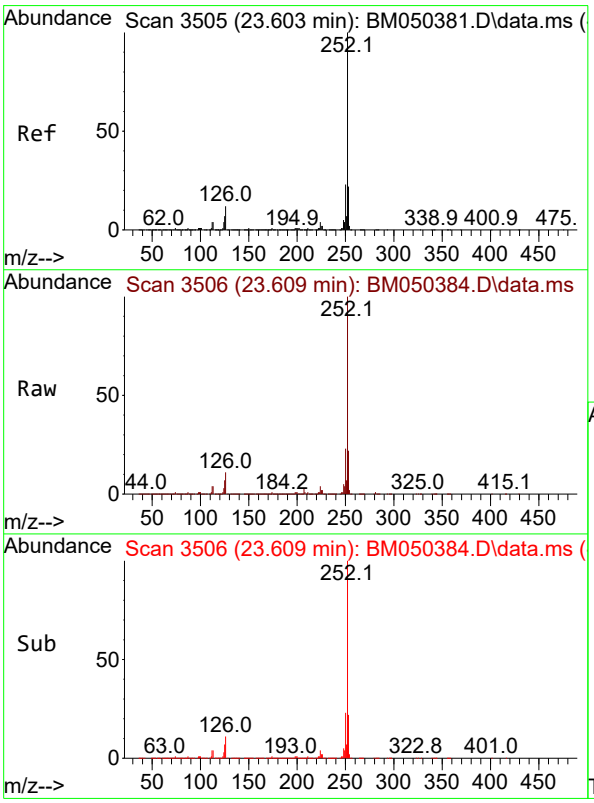
#88
Benzo(b)fluoranthene
Concen: 86.316 ng
RT: 23.545 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp:10371642

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.5	6.3	9.5

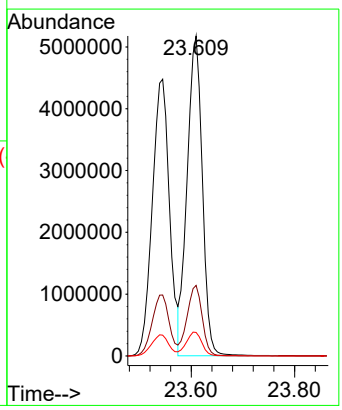


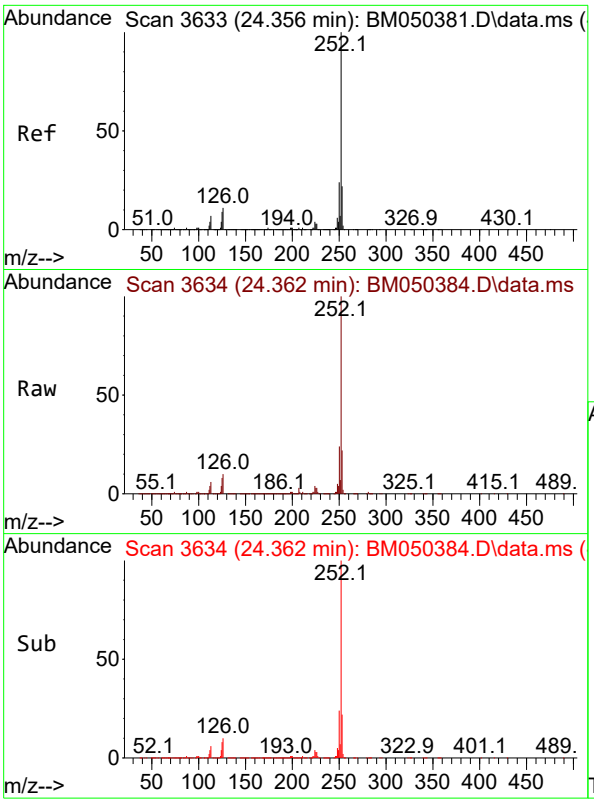


#89
Benzo(k)fluoranthene
Concen: 84.592 ng
RT: 23.609 min Scan# 3506
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:252 Resp:10546917

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	7.3	6.2	9.2



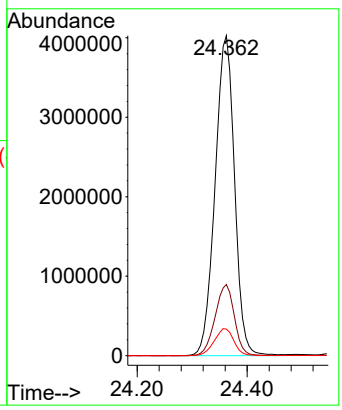


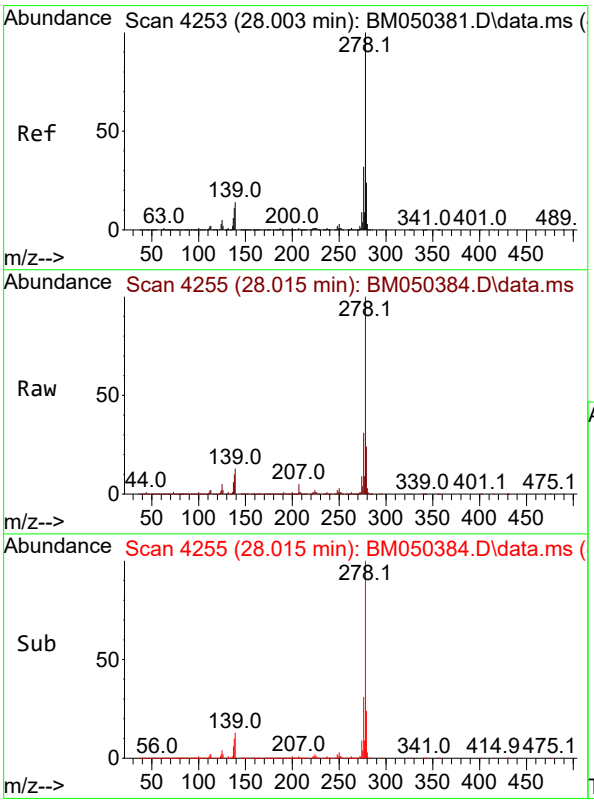
#90
Benzo(a)pyrene
Concen: 87.833 ng
RT: 24.362 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 9879526

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.3	7.0	10.4

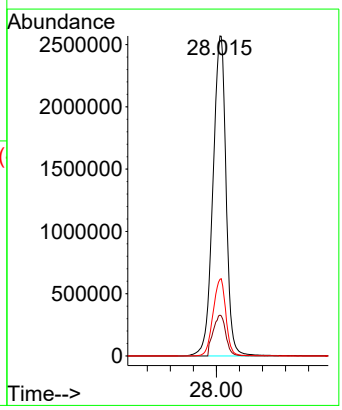


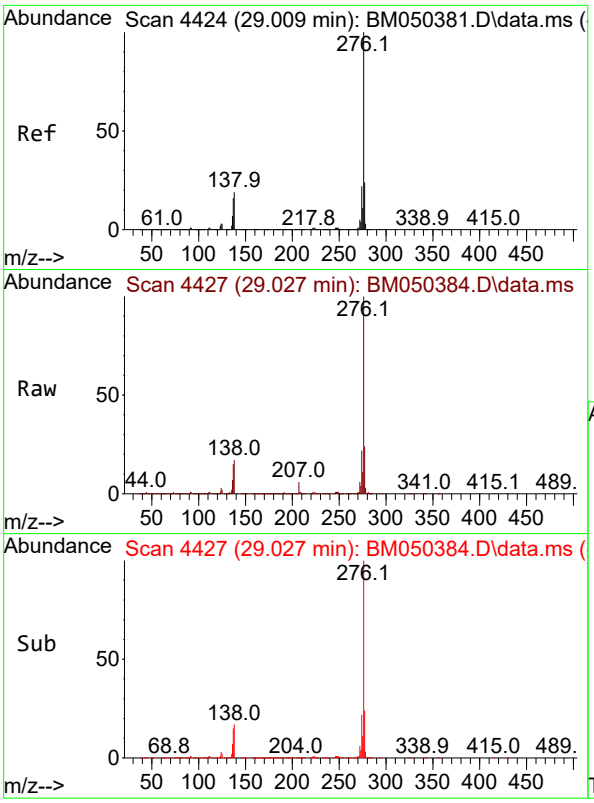


#91
Dibenzo(a,h)anthracene
Concen: 86.905 ng
RT: 28.015 min Scan# 4255
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:278 Resp:10165335

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.8	16.2
279	24.0	19.4	29.0



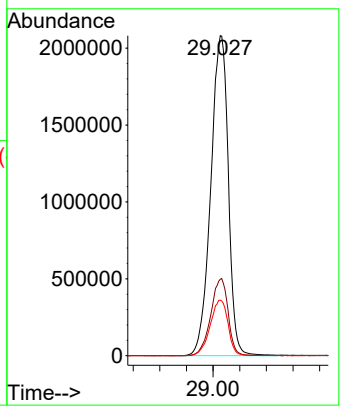


#92
Benzo(g,h,i)perylene
Concen: 85.979 ng
RT: 29.027 min Scan# 44
Delta R.T. 0.018 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 9504954

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	17.4	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	404345	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1554046	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	1008264	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1898481	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1940016	20.000	ng		0.00
86) Perylene-d12	24.497	264	1874427	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1875929	79.859	ng		0.00
7) Phenol-d6	7.022	99	2388524	80.660	ng		0.00
23) Nitrobenzene-d5	9.016	82	2227871	73.139	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	1026446	83.788	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	5771427	70.689	ng		0.00
79) Terphenyl-d14	19.845	244	8726739	79.145	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	366994	37.994	ng		99
3) Pyridine	3.734	79	1042715	41.118	ng		98
4) n-Nitrosodimethylamine	3.640	42	482767	40.835	ng		99
6) Aniline	7.187	93	1617701	42.568	ng		100
8) 2-Chlorophenol	7.428	128	1063478	42.935	ng		98
9) Benzaldehyde	6.998	77	799316m	45.376	ng		
10) Phenol	7.051	94	1300713	42.114	ng		99
11) bis(2-Chloroethyl)ether	7.287	93	1044803	42.240	ng		98
12) 1,3-Dichlorobenzene	7.757	146	1260411	41.848	ng		97
13) 1,4-Dichlorobenzene	7.904	146	1279655	41.609	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1221241	41.478	ng		99
15) Benzyl Alcohol	8.098	79	887896	42.555	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1497256	41.095	ng		99
17) 2-Methylphenol	8.298	107	855883	42.726	ng		99
18) Hexachloroethane	8.951	117	453255	41.906	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	792336	44.168	ng		97
20) 3+4-Methylphenols	8.628	107	1136862	42.276	ng		99
22) Acetophenone	8.686	105	1643199	42.290	ng	#	97
24) Nitrobenzene	9.063	77	1137842	41.860	ng		98
25) Isophorone	9.592	82	2120872	42.909	ng		99
26) 2-Nitrophenol	9.775	139	514999	46.488	ng		97
27) 2,4-Dimethylphenol	9.833	122	1001149	42.470	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	1371682	41.880	ng		100
29) 2,4-Dichlorophenol	10.304	162	1042869	43.061	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	1216831	42.001	ng		99
31) Naphthalene	10.716	128	3258495	41.281	ng		99
32) Benzoic acid	9.951	122	593935	41.913	ng		97
33) 4-Chloroaniline	10.810	127	1415715	42.424	ng		99
34) Hexachlorobutadiene	11.010	225	749497	42.386	ng		99
35) Caprolactam	11.586	113	285315	43.156	ng		92
36) 4-Chloro-3-methylphenol	11.933	107	979521	43.312	ng		100
37) 2-Methylnaphthalene	12.322	142	2124989	42.637	ng		99
38) 1-Methylnaphthalene	12.539	142	2230710	42.292	ng		98
40) 1,2,4,5-Tetrachloroben...	12.692	216	1374217	42.859	ng		100
41) Hexachlorocyclopentadiene	12.680	237	881607	43.015	ng		99
43) 2,4,6-Trichlorophenol	12.927	196	858251	43.485	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	938542	43.542	ng	99
46) 1,1'-Biphenyl	13.333	154	3108770	41.557	ng	100
47) 2-Chloronaphthalene	13.368	162	2461641	41.272	ng	99
48) 2-Nitroaniline	13.563	65	592401	44.497	ng	97
49) Acenaphthylene	14.215	152	3783308	41.972	ng	99
50) Dimethylphthalate	13.951	163	2890119	41.635	ng	100
51) 2,6-Dinitrotoluene	14.063	165	591843	44.405	ng	98
52) Acenaphthene	14.557	154	2381763	41.562	ng	99
53) 3-Nitroaniline	14.386	138	636015	44.871	ng	98
54) 2,4-Dinitrophenol	14.586	184	266947	39.797	ng	98
55) Dibenzofuran	14.892	168	3609413	40.877	ng	99
56) 4-Nitrophenol	14.686	139	521977	42.822	ng	94
57) 2,4-Dinitrotoluene	14.845	165	807634	40.905	ng	98
58) Fluorene	15.539	166	3012801	41.425	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.115	232	784378	43.229	ng	99
60) Diethylphthalate	15.315	149	2759041	41.609	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	1608200	42.288	ng	99
62) 4-Nitroaniline	15.545	138	649355	40.288	ng	96
63) Azobenzene	15.821	77	2528721	41.531	ng	97
65) 4,6-Dinitro-2-methylph...	15.604	198	399918	40.334	ng	99
66) n-Nitrosodiphenylamine	15.745	169	2506809	42.198	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	894310	42.755	ng	99
68) Hexachlorobenzene	16.539	284	1046980	42.380	ng	99
69) Atrazine	16.692	200	862455	44.212	ng	99
70) Pentachlorophenol	16.874	266	662449	43.075	ng	100
71) Phenanthrene	17.268	178	4444618	41.373	ng	100
72) Anthracene	17.362	178	4525011	42.316	ng	100
73) Carbazole	17.621	167	4044979	41.806	ng	100
74) Di-n-butylphthalate	18.198	149	4579991	43.247	ng	100
75) Fluoranthene	19.280	202	4960360	42.474	ng	100
77) Benzidine	19.456	184	2625052	53.050	ng	100
78) Pyrene	19.639	202	5250364	42.257	ng	100
80) Butylbenzylphthalate	20.539	149	1849278	45.139	ng	98
81) Benzo(a)anthracene	21.439	228	5322771	42.109	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1864267	43.733	ng	100
83) Chrysene	21.497	228	4998506	41.924	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2892877	44.481	ng	99
85) Di-n-octyl phthalate	22.521	149	4457449	43.760	ng	99
87) Indeno(1,2,3-cd)pyrene	27.938	276	5647629	42.377	ng	100
88) Benzo(b)fluoranthene	23.533	252	4906807	42.558	ng	100
89) Benzo(k)fluoranthene	23.597	252	5010695	41.883	ng	100
90) Benzo(a)pyrene	24.356	252	4633762	42.933	ng	99
91) Dibenzo(a,h)anthracene	28.003	278	4772470	42.521	ng	99
92) Benzo(g,h,i)perylene	29.009	276	4476118	42.197	ng	99

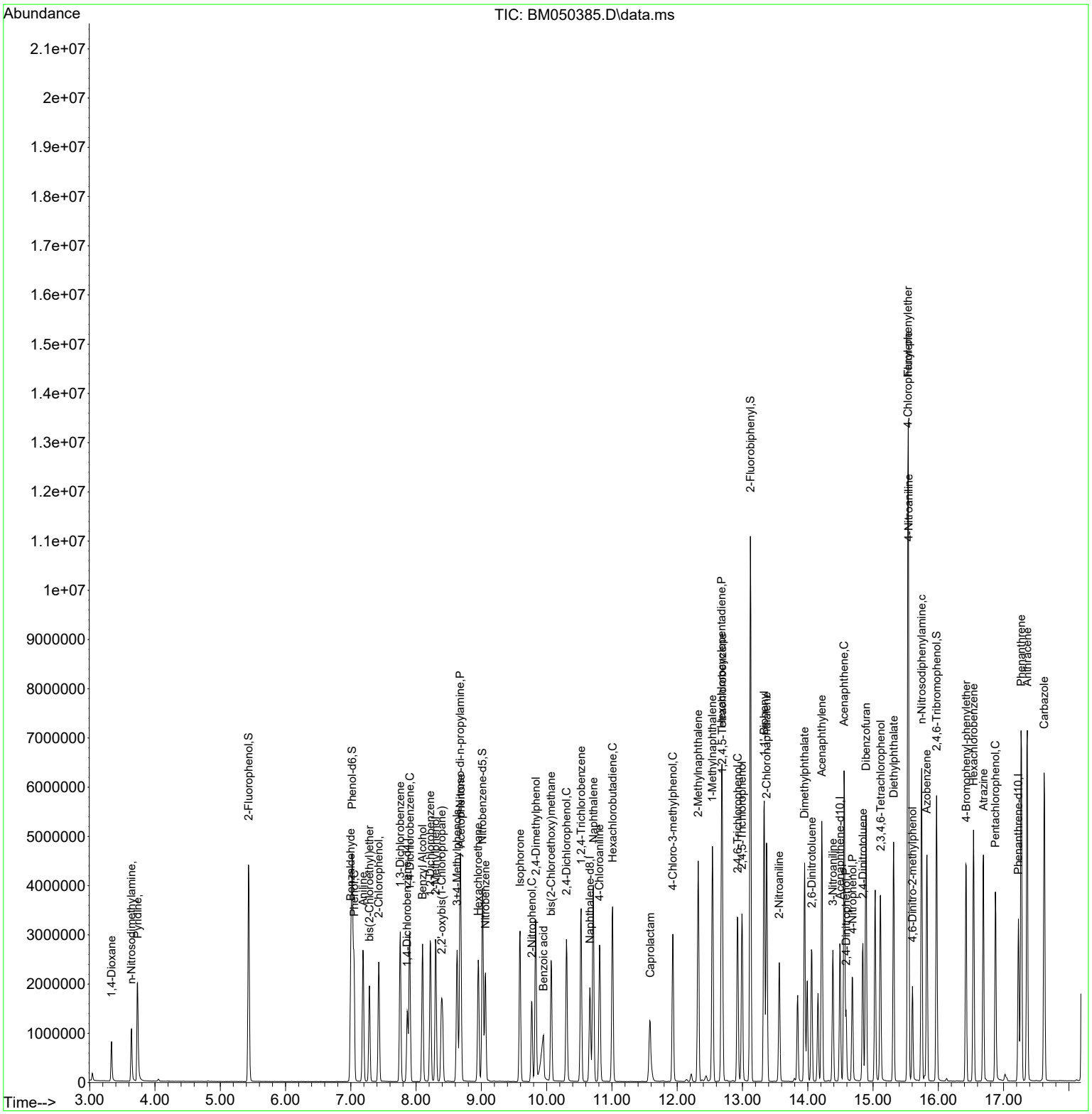
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

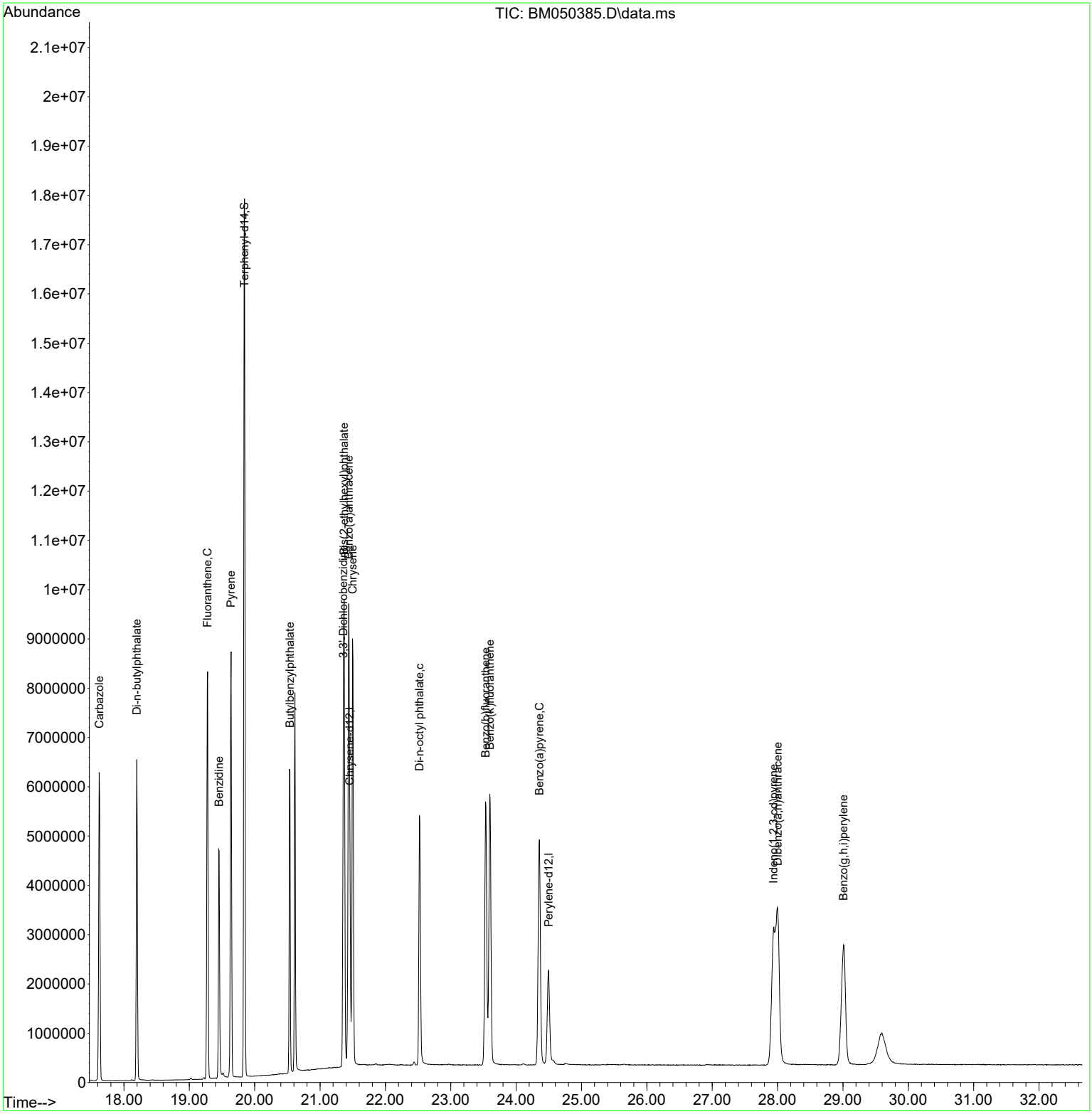


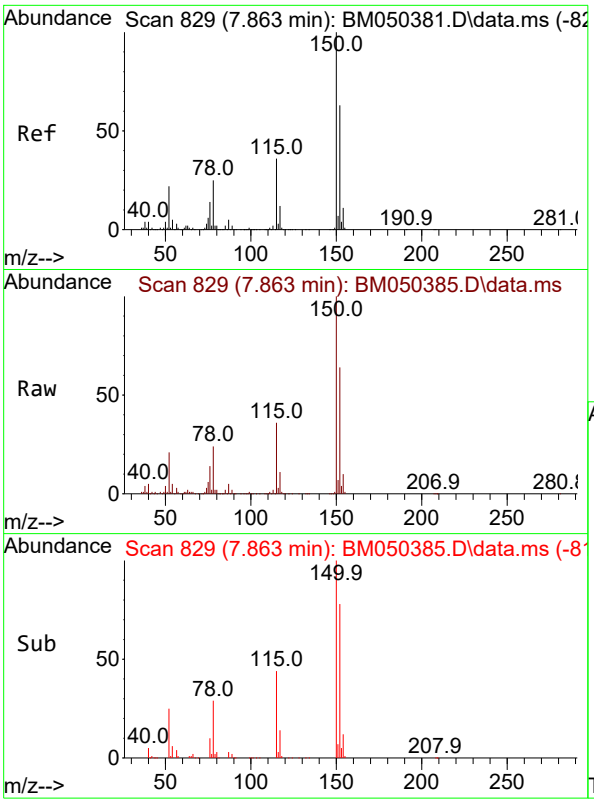
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



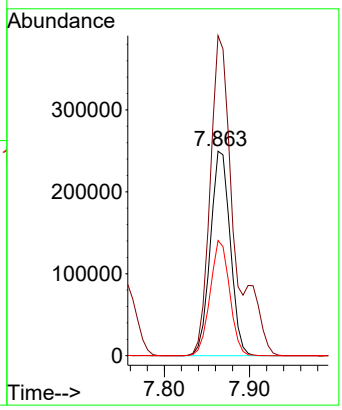


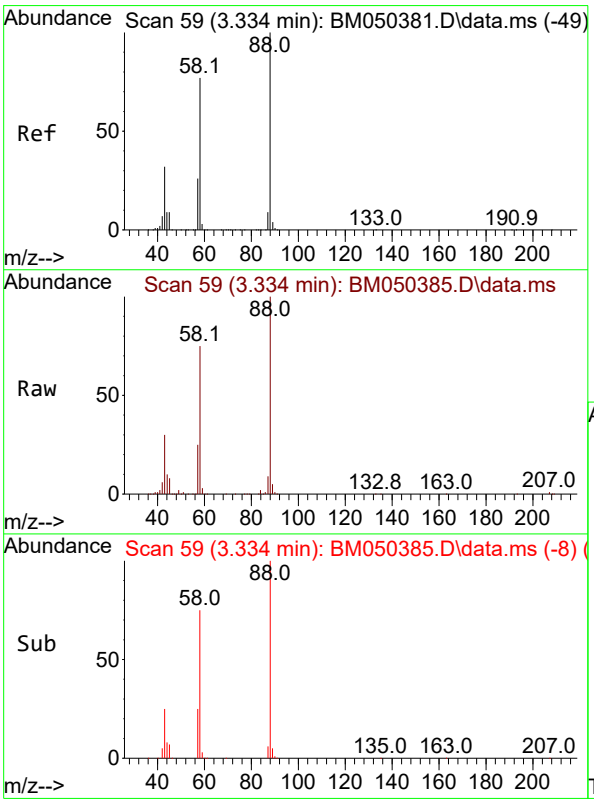
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:152 Resp: 404345

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.4
115	56.3	45.8	68.8

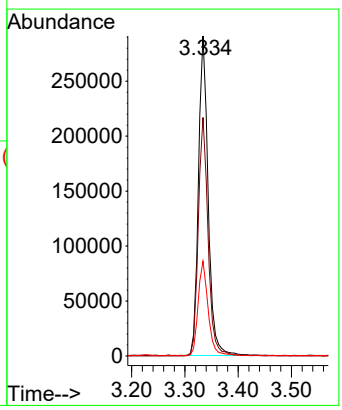


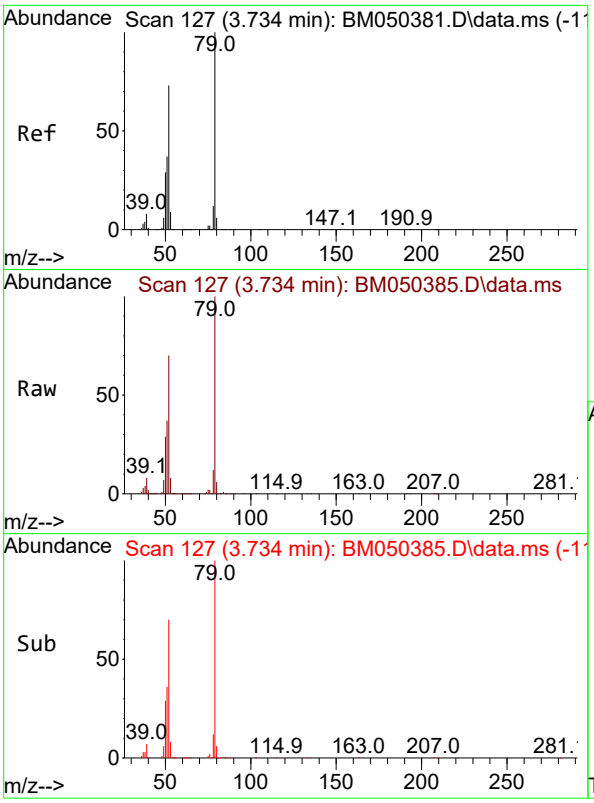


#2
1,4-Dioxane
Concen: 37.994 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 88 Resp: 366994

Ion	Ratio	Lower	Upper
88	100		
58	75.3	61.0	91.6
43	30.2	24.6	37.0



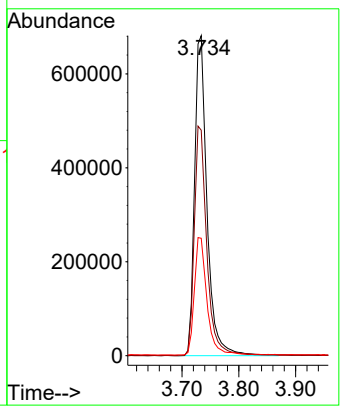


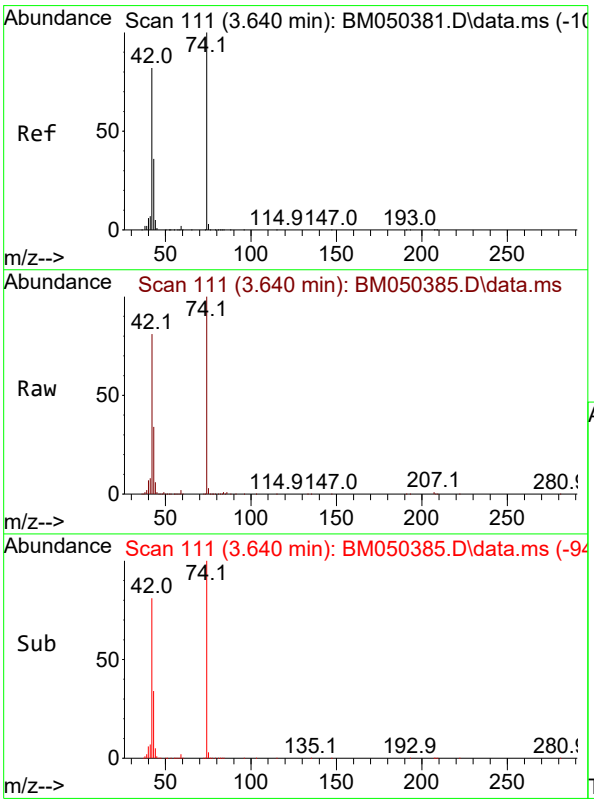
#3
Pyridine
Concen: 41.118 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 79 Resp: 1042715

Ion	Ratio	Lower	Upper
79	100		
52	70.5	58.3	87.5
51	36.7	29.6	44.4

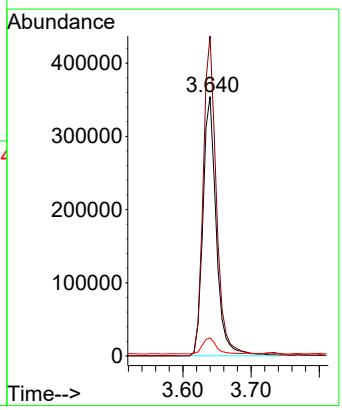


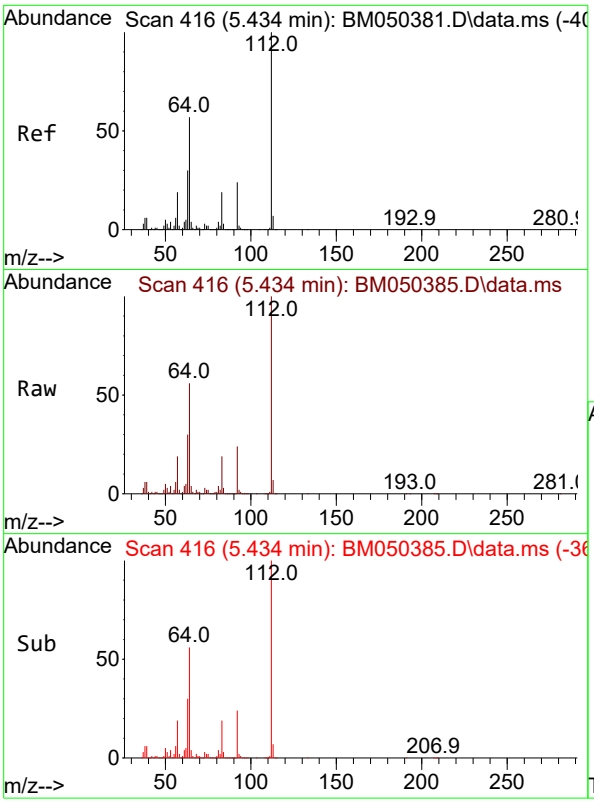


#4
n-Nitrosodimethylamine
Concen: 40.835 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 42 Resp: 482767

Ion	Ratio	Lower	Upper
42	100		
74	123.4	97.5	146.3
44	7.0	5.7	8.5



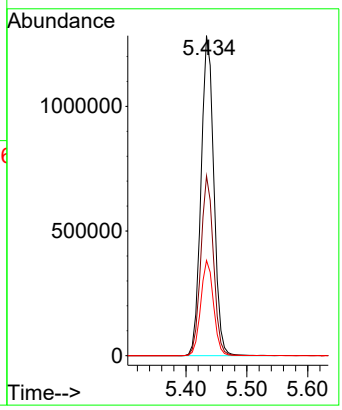


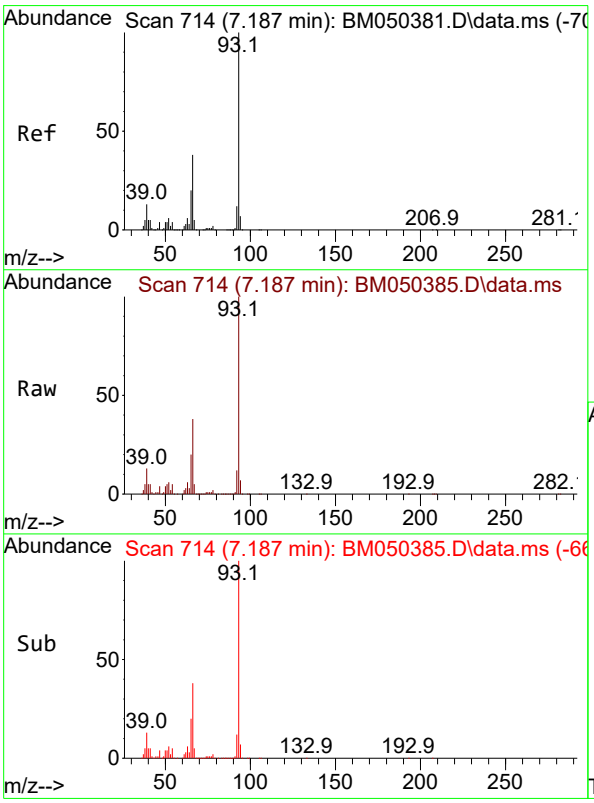
#5
2-Fluorophenol
Concen: 79.859 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:112 Resp: 1875929

Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.5	68.3
63	29.8	24.2	36.4

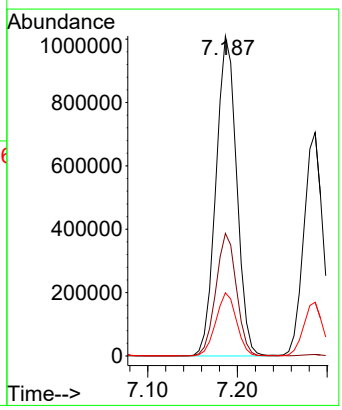


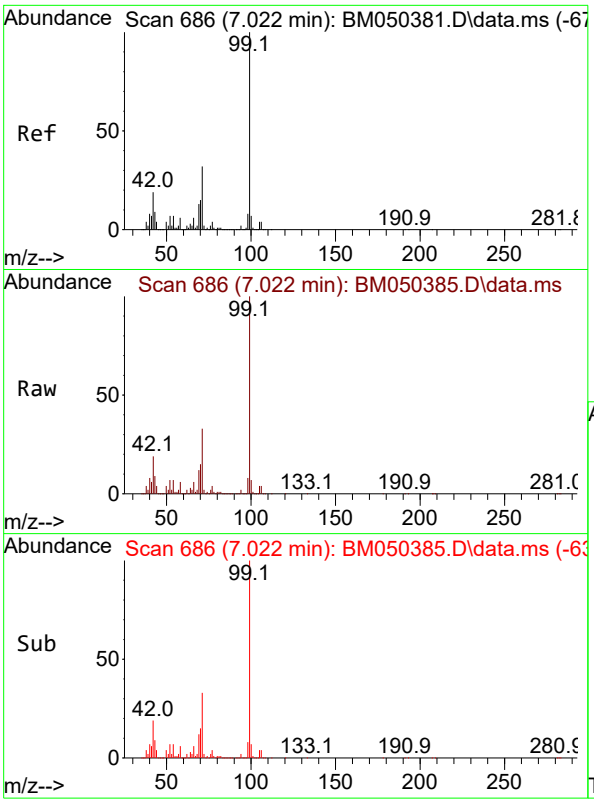


#6
Aniline
Concen: 42.568 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 93 Resp: 1617701

Ion	Ratio	Lower	Upper
93	100		
66	38.3	30.5	45.7
65	19.7	15.9	23.9



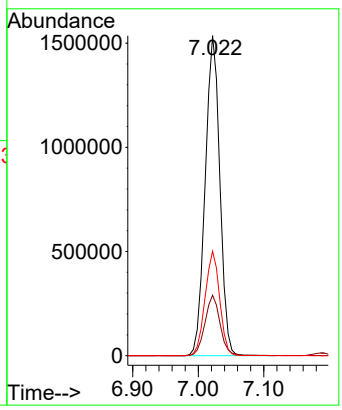


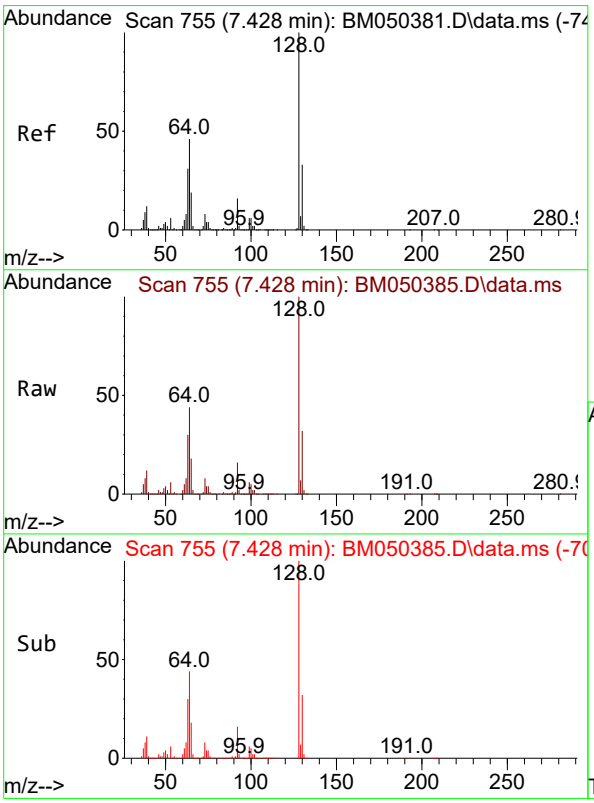
#7
Phenol-d6
Concen: 80.660 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 99 Resp: 2388524

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.6
71	32.6	25.9	38.9

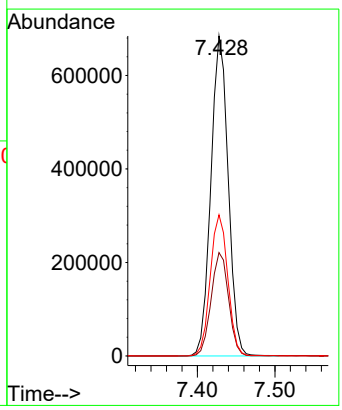


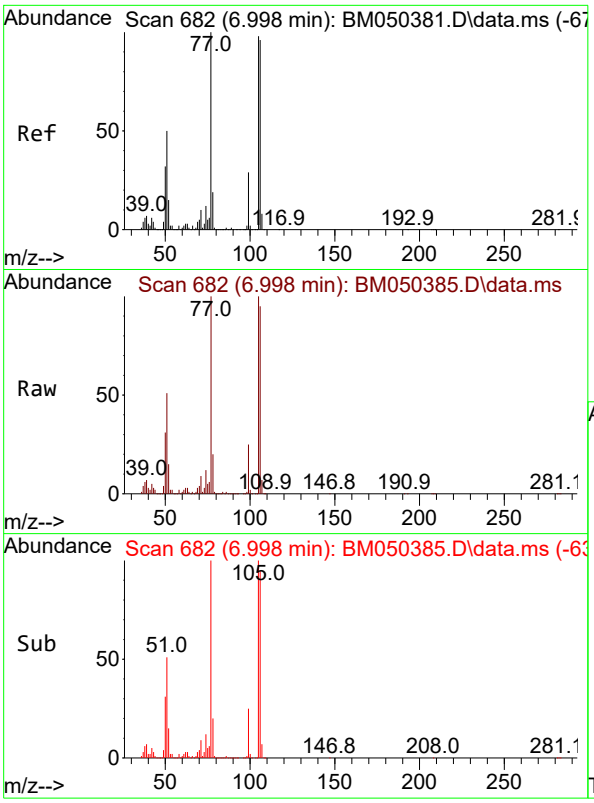


#8
2-Chlorophenol
Concen: 42.935 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:128 Resp: 1063478

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.3	53.3
64	44.1	25.6	65.6



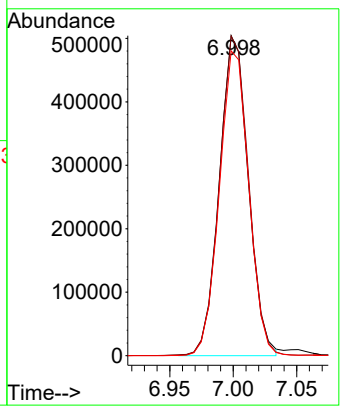


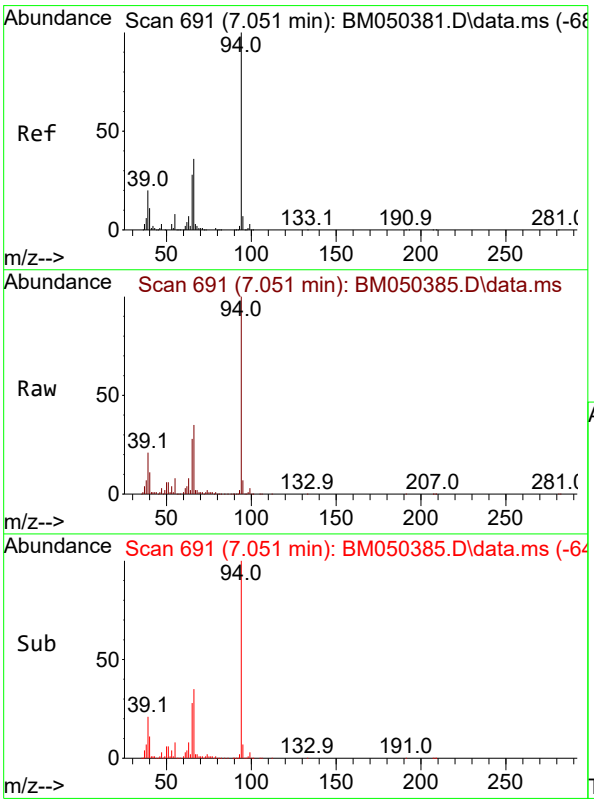
#9
Benzaldehyde
Concen: 45.376 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 77 Resp: 799316

Ion	Ratio	Lower	Upper
77	100		
105	99.8	78.4	118.4
106	95.2	76.3	116.3

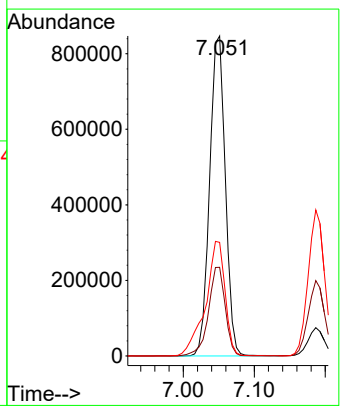


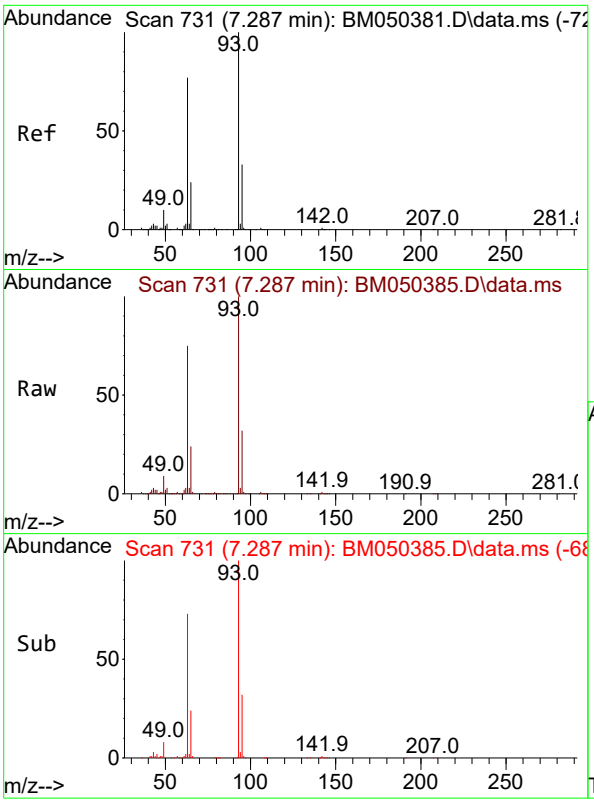


#10
Phenol
Concen: 42.114 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 94 Resp: 1300713

Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	35.5	15.8	55.8



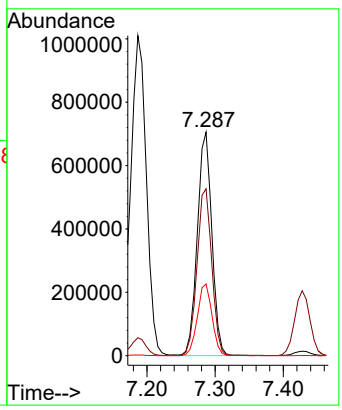


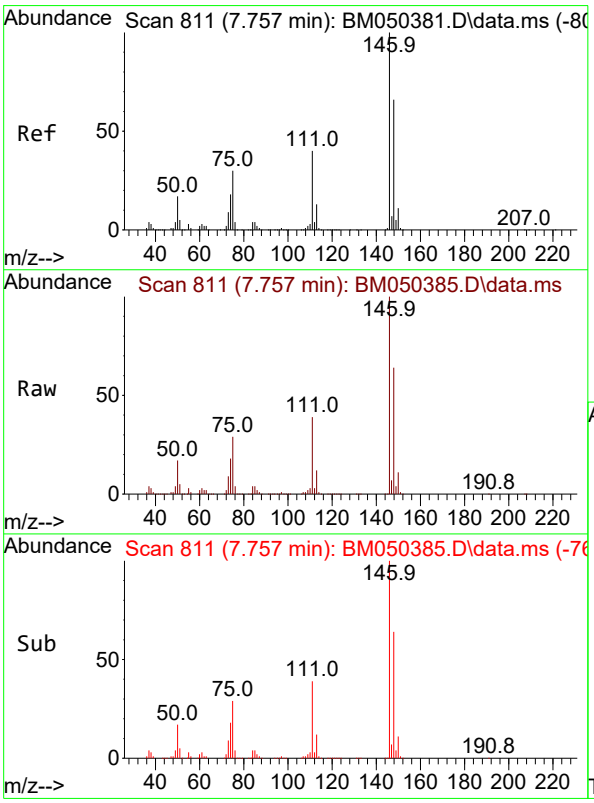
#11
bis(2-Chloroethyl)ether
Concen: 42.240 ng
RT: 7.287 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 93 Resp: 1044803

Ion	Ratio	Lower	Upper
93	100		
63	74.7	56.9	96.9
95	32.1	12.6	52.6

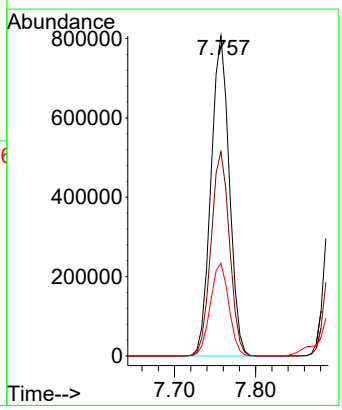


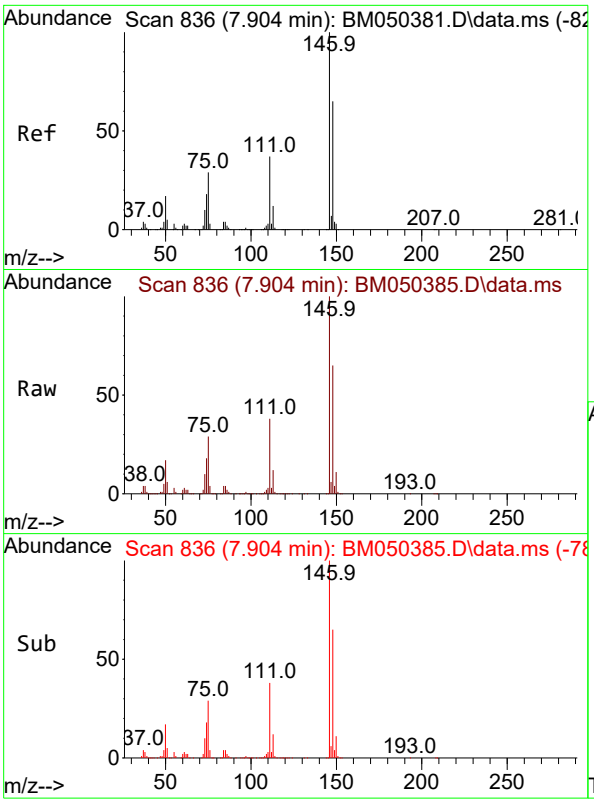


#12
1,3-Dichlorobenzene
Concen: 41.848 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:146 Resp: 1260411

Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.2	79.8
75	28.9	23.9	35.9



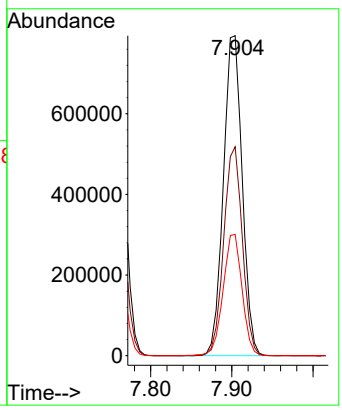


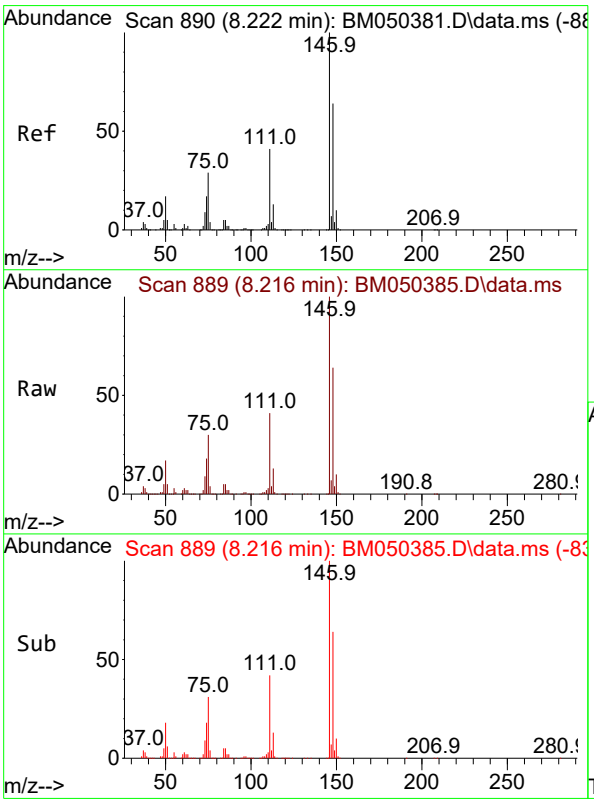
#13
1,4-Dichlorobenzene
Concen: 41.609 ng
RT: 7.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:146 Resp: 1279655

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.9	77.9
111	37.9	30.0	45.0

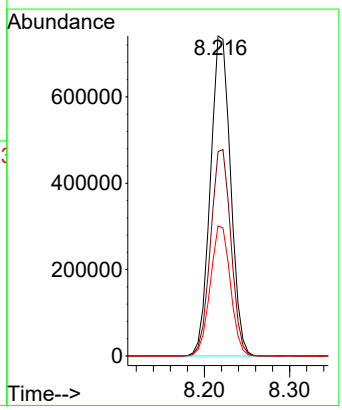


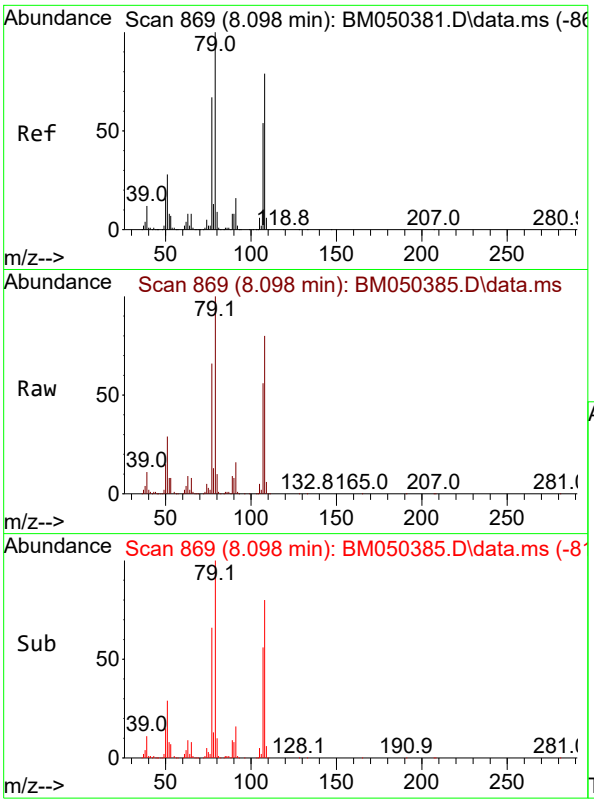


#14
1,2-Dichlorobenzene
Concen: 41.478 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:146 Resp: 1221241

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.5	77.3
111	40.6	32.6	49.0



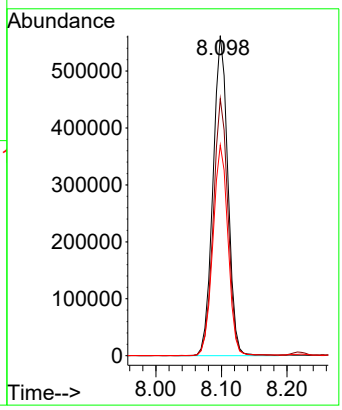


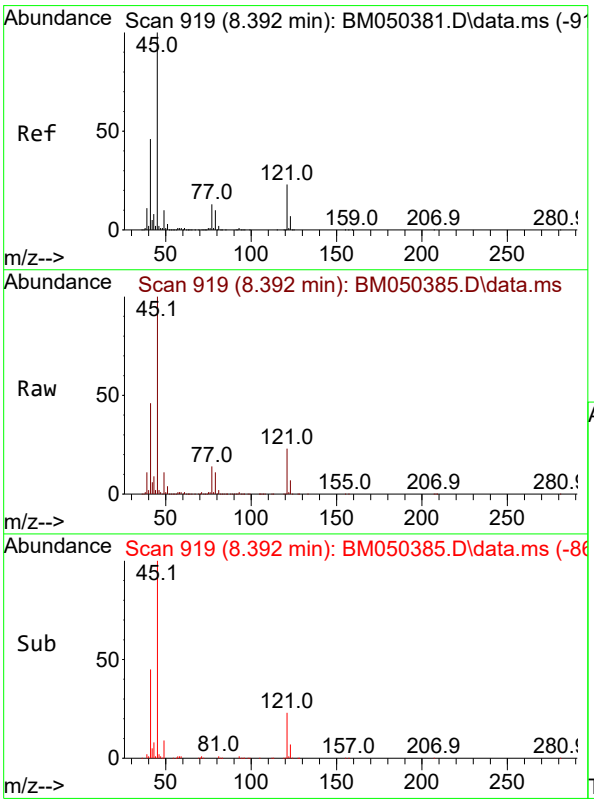
#15
Benzyl Alcohol
Concen: 42.555 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 79 Resp: 887896

Ion	Ratio	Lower	Upper
79	100		
108	80.3	63.0	94.4
77	65.8	53.4	80.0

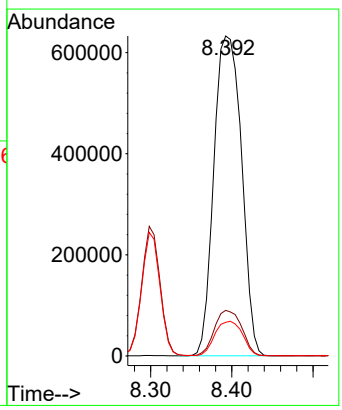


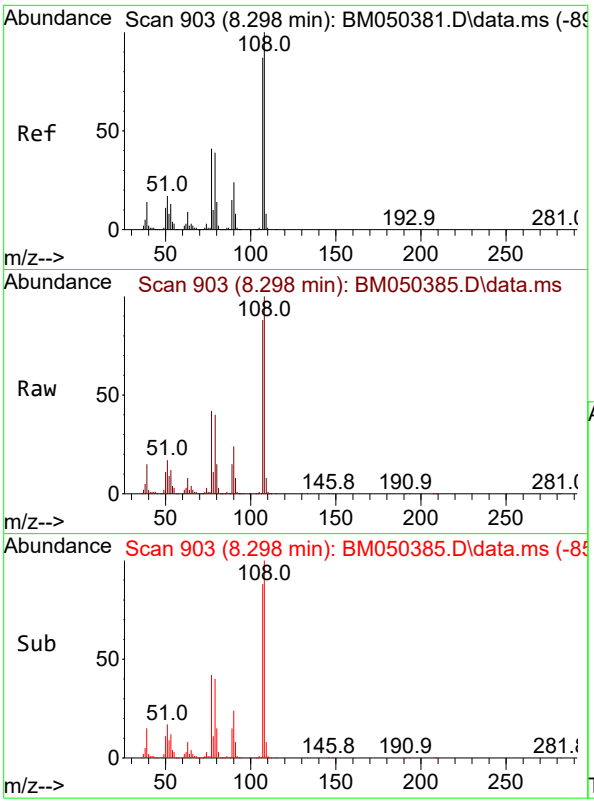


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.095 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 45 Resp: 1497256

Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.5
79	10.5	0.0	30.3



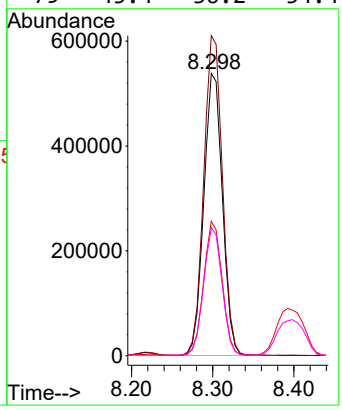


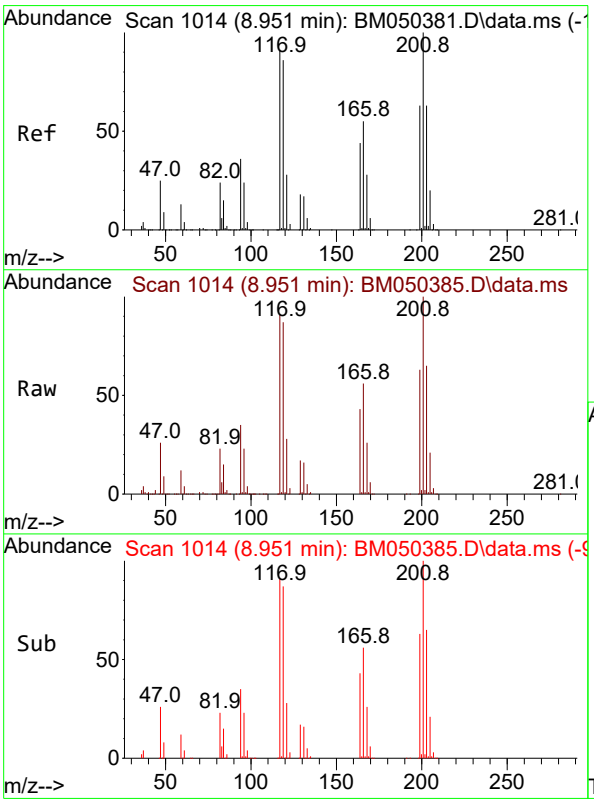
#17
2-Methylphenol
Concen: 42.726 ng
RT: 8.298 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:107 Resp: 855883

Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.1	138.1
77	47.6	38.2	57.4
79	45.4	36.2	54.4

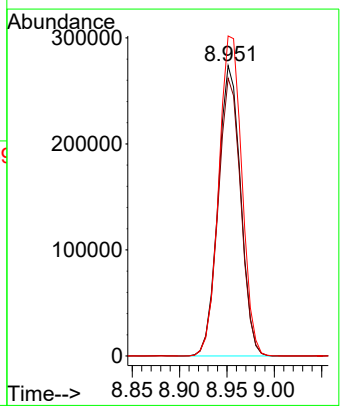


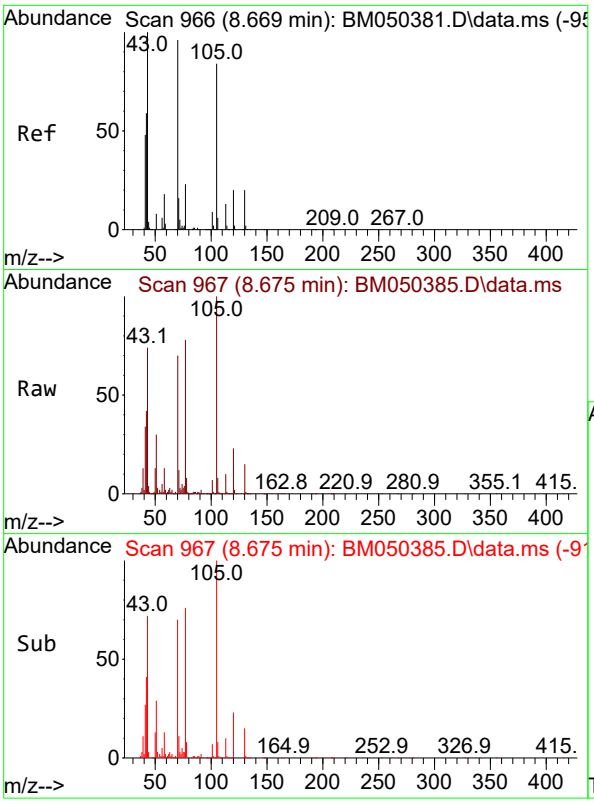


#18
Hexachloroethane
Concen: 41.906 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:117 Resp: 453255

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.6	113.4
201	110.2	87.9	131.9



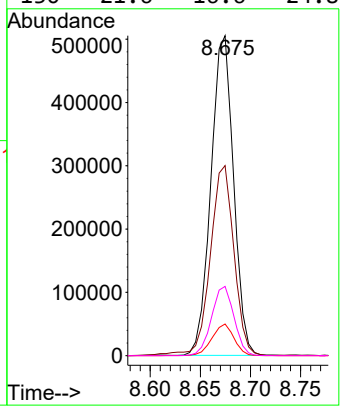


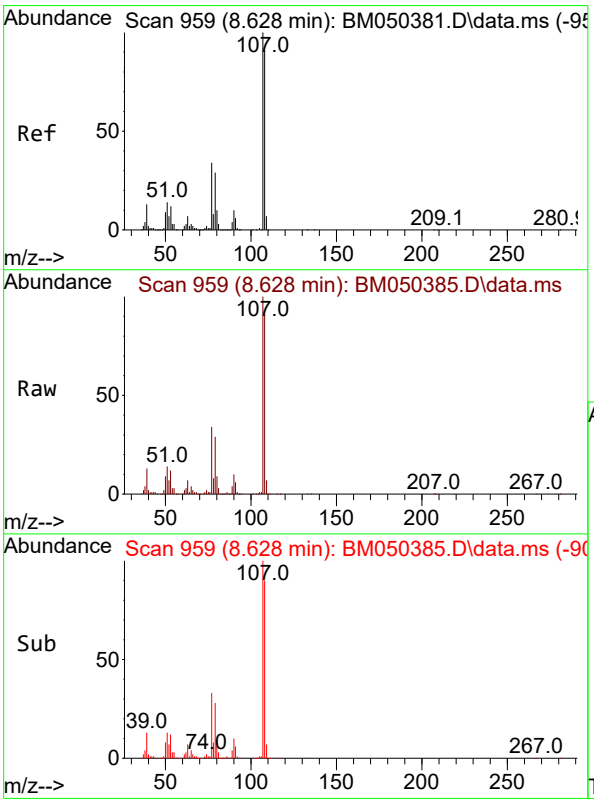
#19
n-Nitroso-di-n-propylamine
Concen: 44.168 ng
RT: 8.675 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 70 Resp: 792336

Ion	Ratio	Lower	Upper
70	100		
42	59.4	49.7	74.5
101	9.9	7.7	11.5
130	21.6	16.6	24.8

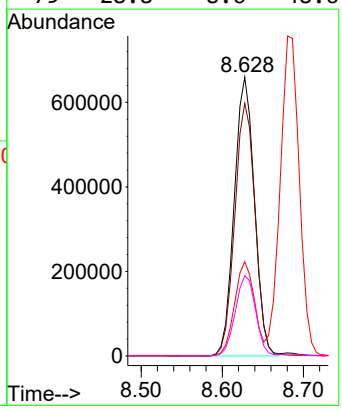


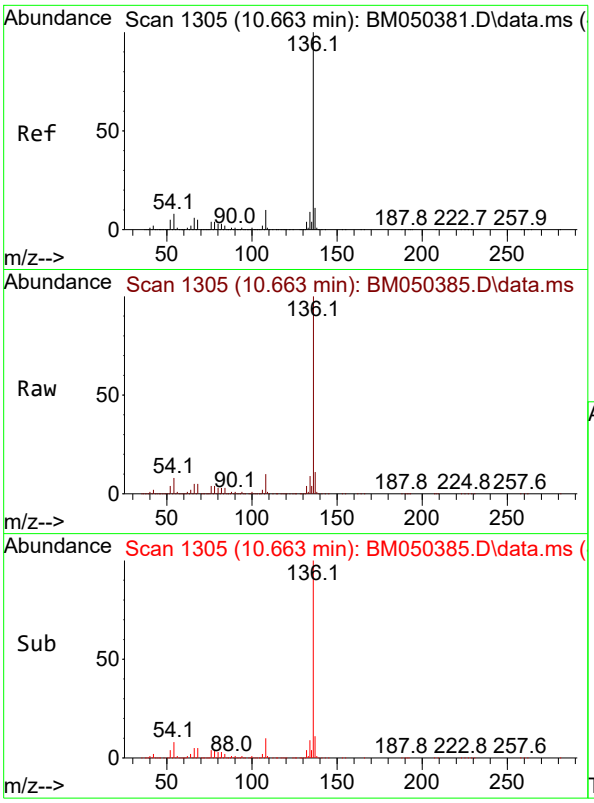


#20
3+4-Methylphenols
Concen: 42.276 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:107 Resp: 1136862

Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.5	111.5
77	33.8	13.7	53.7
79	28.8	8.6	48.6



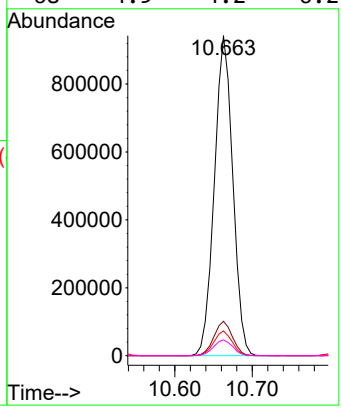


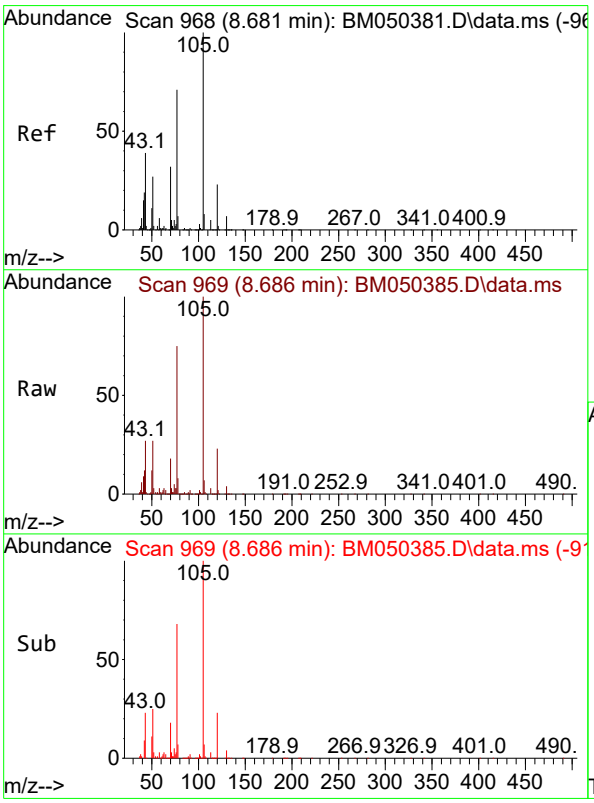
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:136 Resp: 1554046

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	6.3	9.5
68	4.9	4.2	6.2

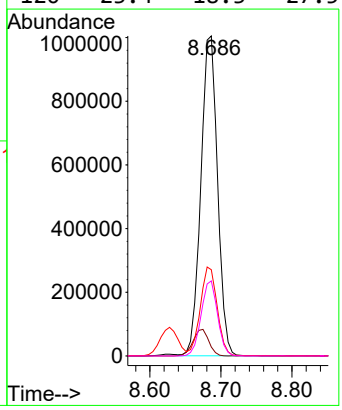


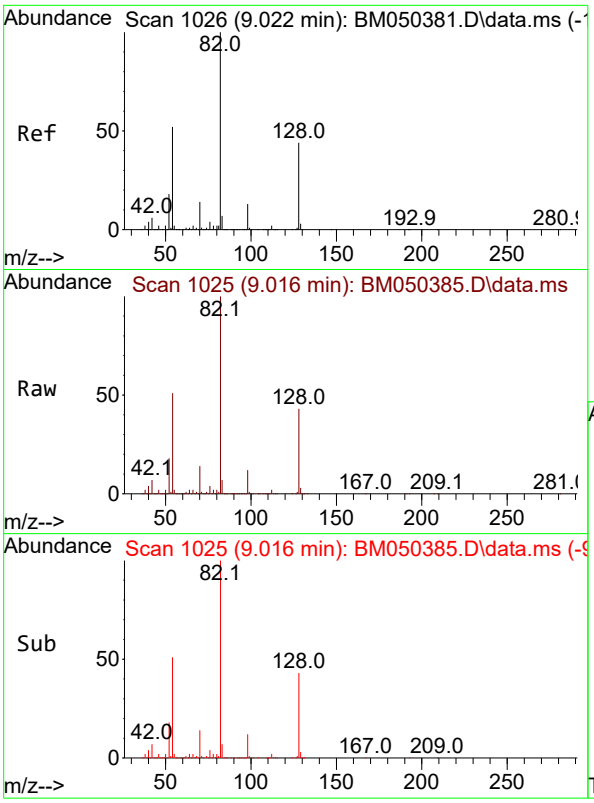


#22
Acetophenone
Concen: 42.290 ng
RT: 8.686 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:105 Resp: 1643199

Ion	Ratio	Lower	Upper
105	100		
71	2.8	4.4	6.6#
51	27.0	23.0	34.6
120	23.4	18.3	27.5



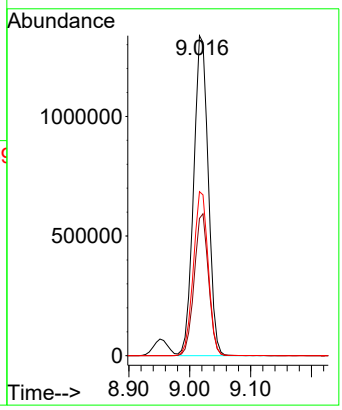


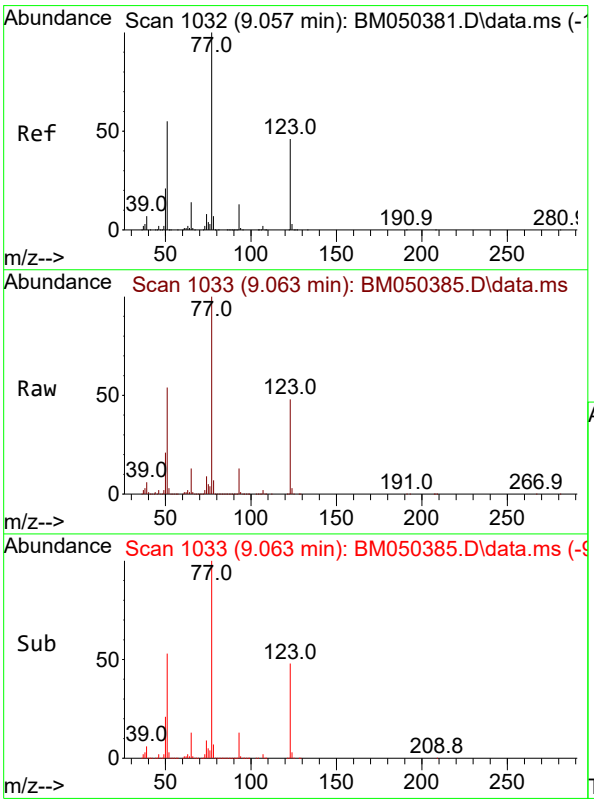
#23
Nitrobenzene-d5
Concen: 73.139 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 82 Resp: 2227871

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.2	52.8
54	51.2	41.5	62.3

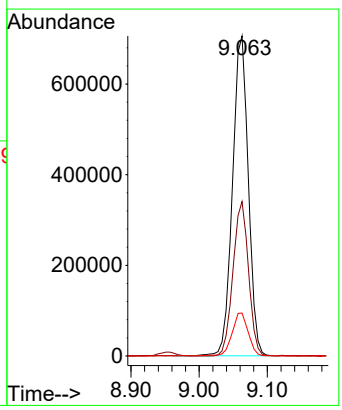


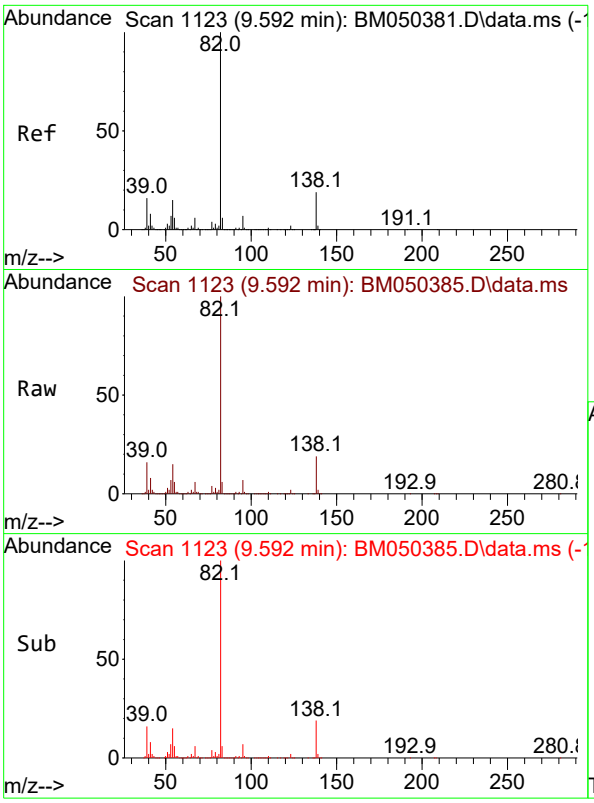


#24
Nitrobenzene
Concen: 41.860 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 77 Resp: 1137842

Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.0	55.6
65	13.4	11.0	16.4



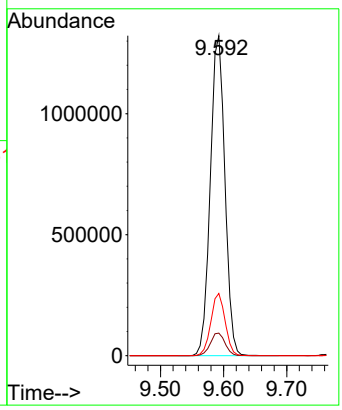


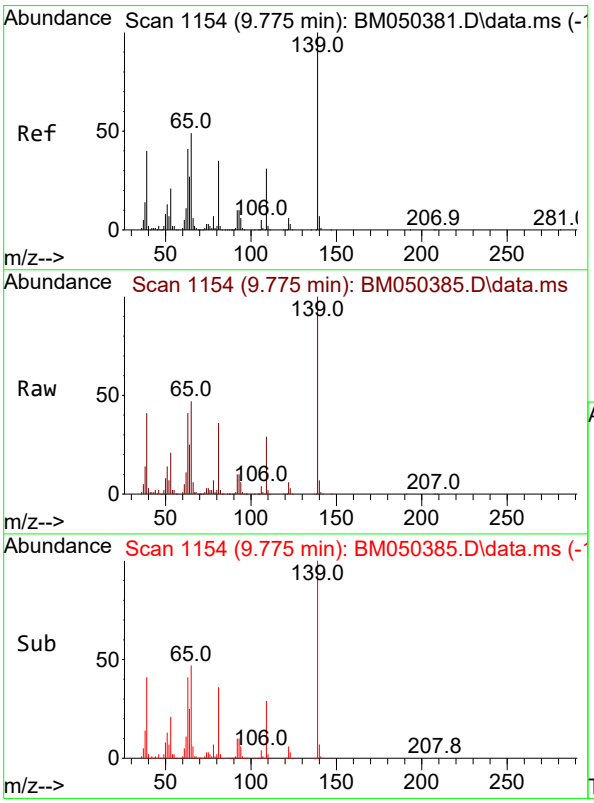
#25
Isophorone
Concen: 42.909 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 82 Resp: 2120872

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.4	15.3	22.9

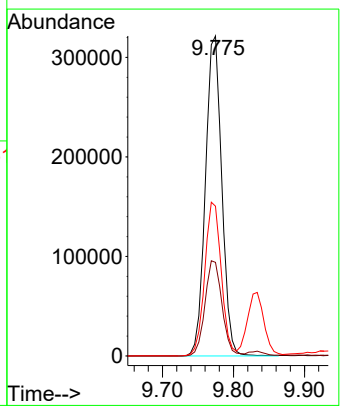


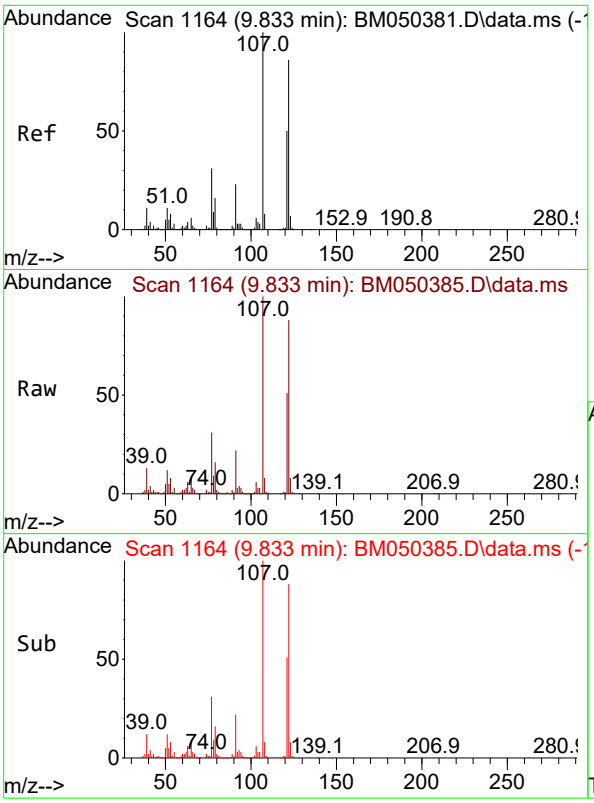


#26
2-Nitrophenol
Concen: 46.488 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:139 Resp: 514999

Ion	Ratio	Lower	Upper
139	100		
109	29.3	24.6	36.8
65	46.8	39.2	58.8



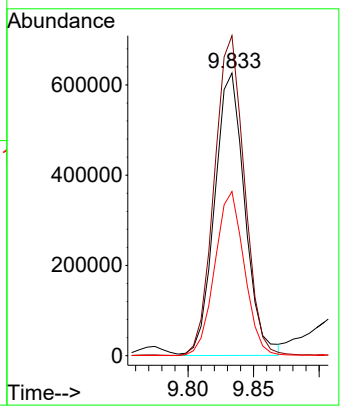


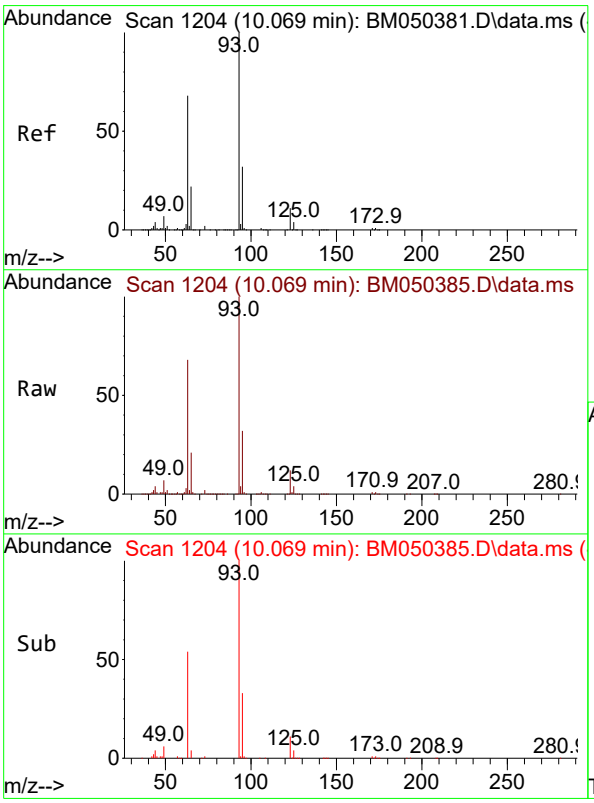
#27
2,4-Dimethylphenol
Concen: 42.470 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:122 Resp: 1001149

Ion	Ratio	Lower	Upper
122	100		
107	113.2	93.0	139.6
121	58.1	46.1	69.1

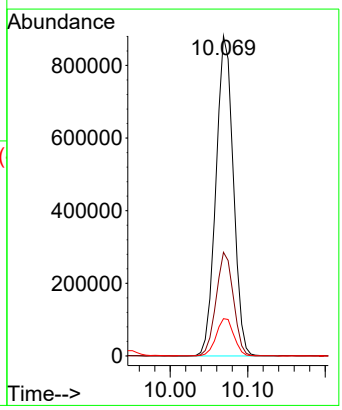


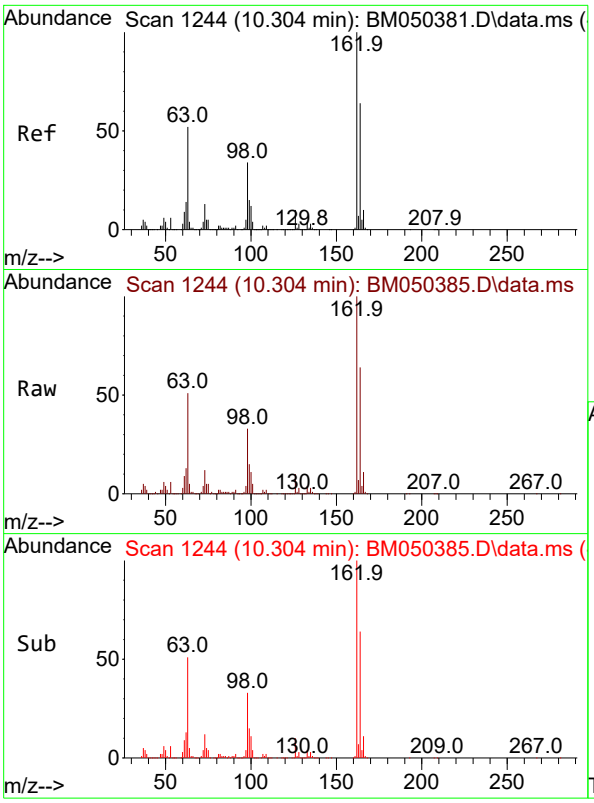


#28
bis(2-Chloroethoxy)methane
Concen: 41.880 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 93 Resp: 1371682

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.6	9.1	13.7



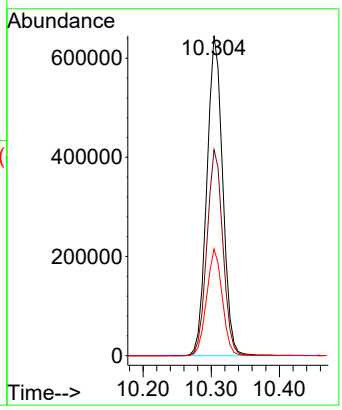


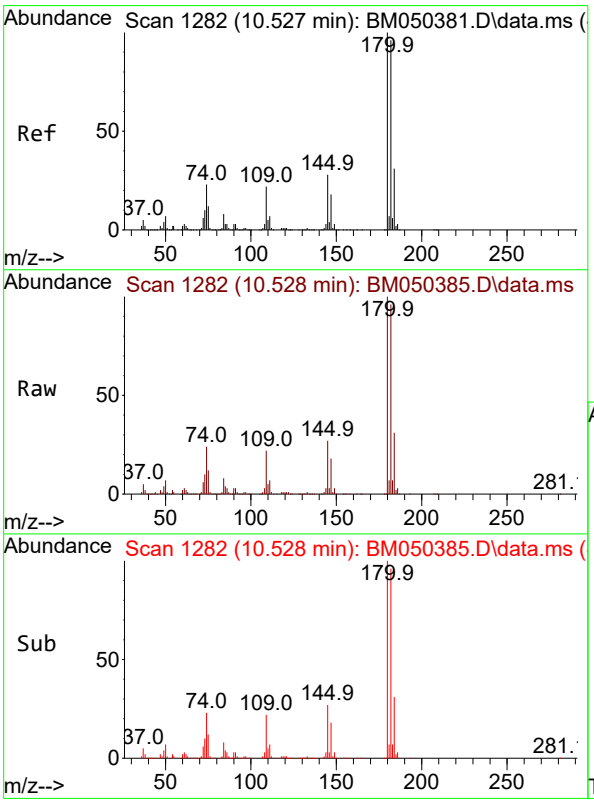
#29
2,4-Dichlorophenol
Concen: 43.061 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:162 Resp: 1042869

Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.7	83.7
98	33.3	13.7	53.7

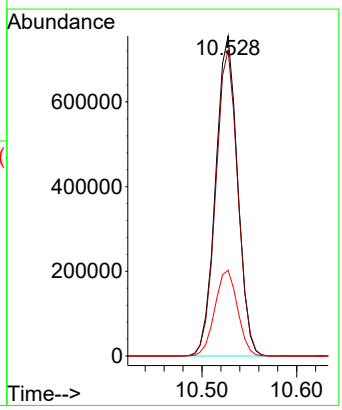


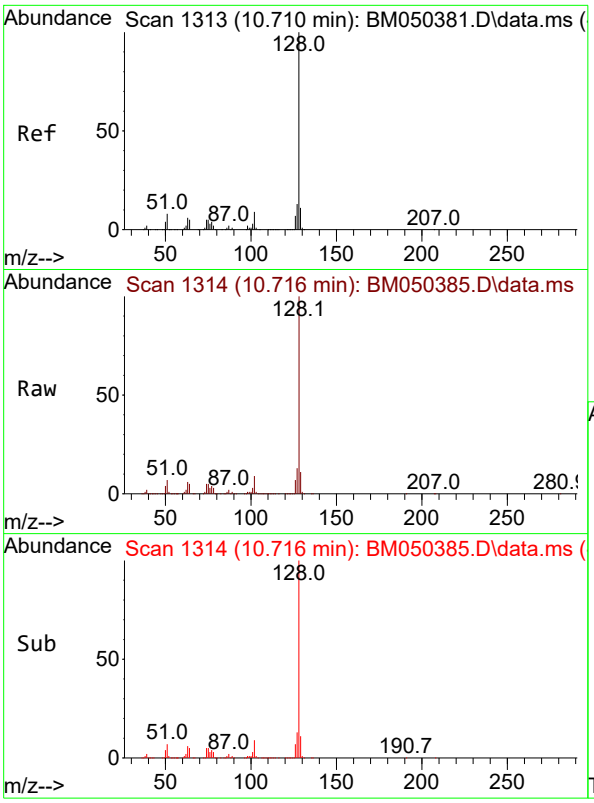


#30
1,2,4-Trichlorobenzene
Concen: 42.001 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:180 Resp: 1216831

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	26.8	22.6	33.8



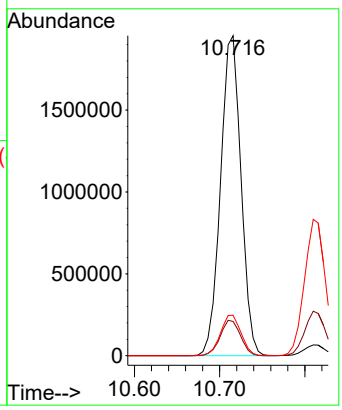


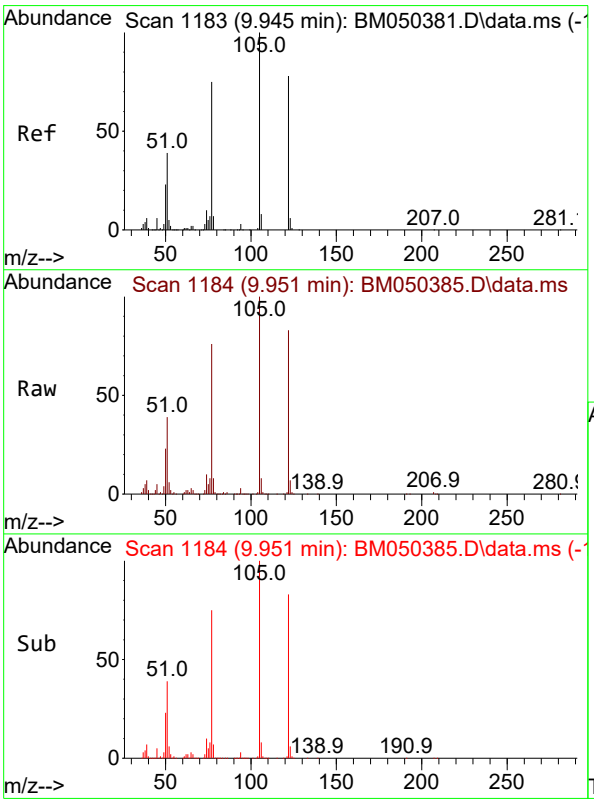
#31
Naphthalene
Concen: 41.281 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:128 Resp: 3258495

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.7	10.4	15.6

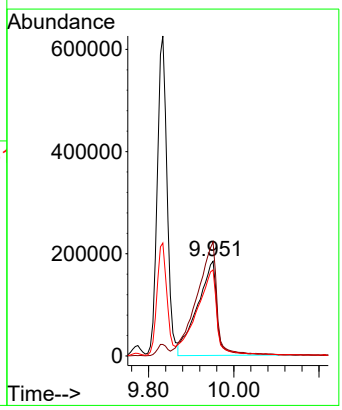


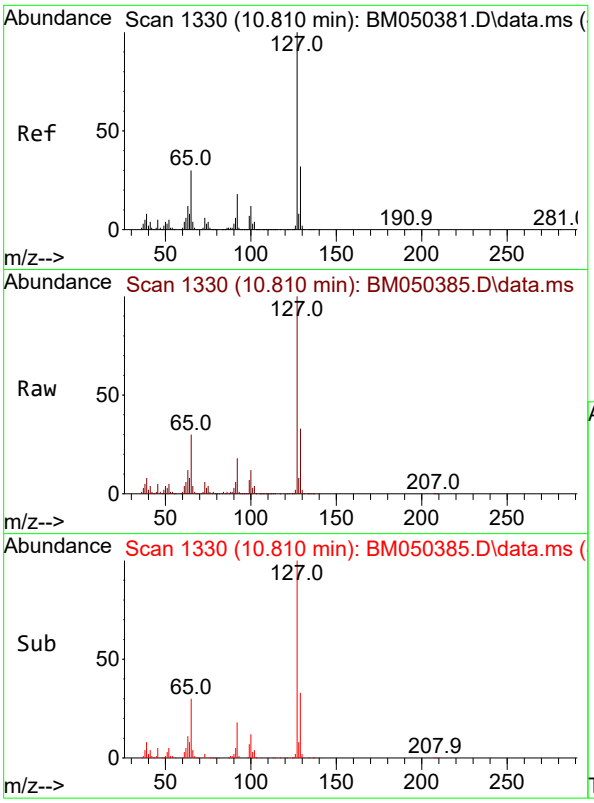


#32
Benzoic acid
Concen: 41.913 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:122 Resp: 593935

Ion	Ratio	Lower	Upper
122	100		
105	120.3	104.0	144.0
77	90.9	73.8	113.8



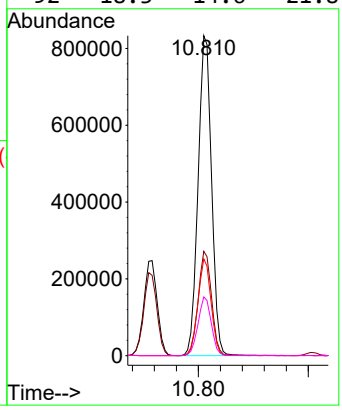


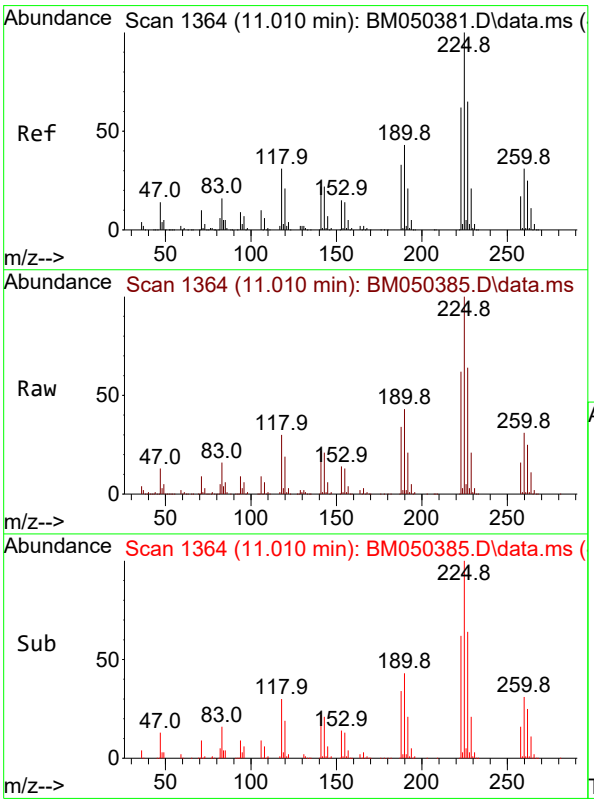
#33
4-Chloroaniline
Concen: 42.424 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:127 Resp: 1415715

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.5	38.3
65	30.3	23.9	35.9
92	18.3	14.6	21.8

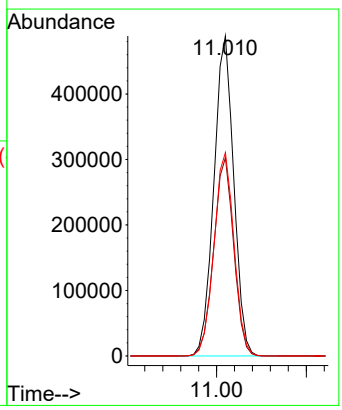


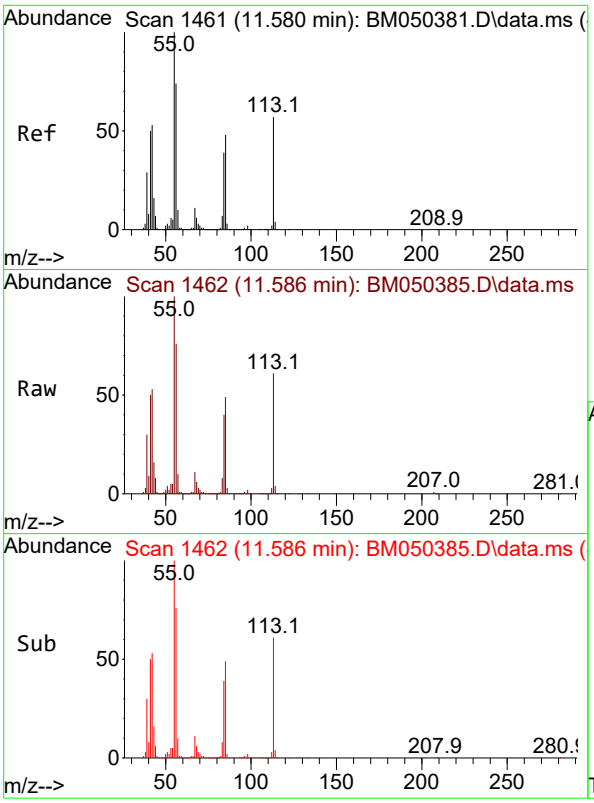


#34
Hexachlorobutadiene
Concen: 42.386 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:225 Resp: 749497

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	63.5	52.1	78.1



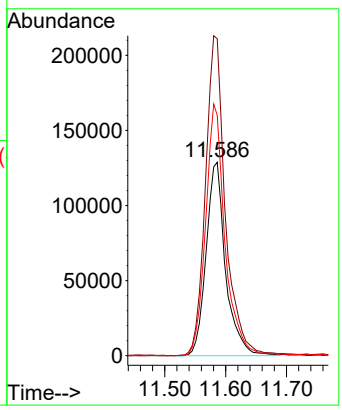


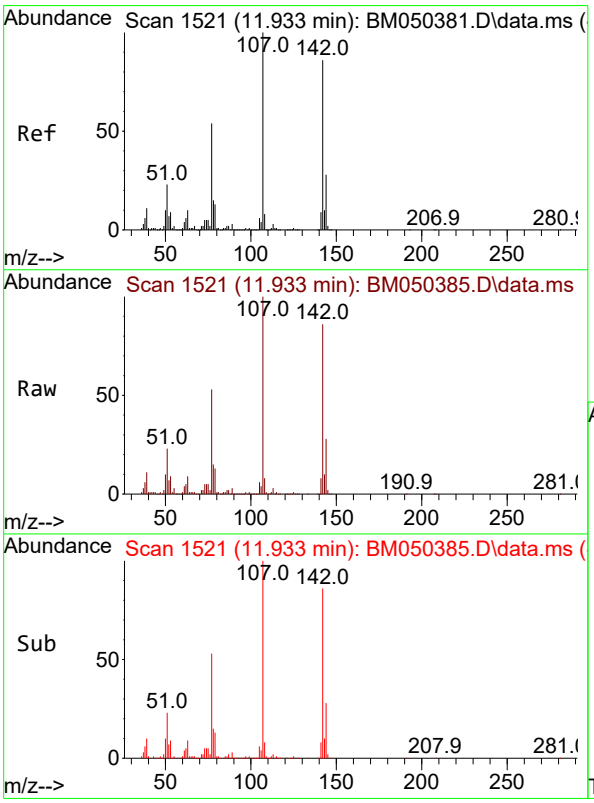
#35
Caprolactam
Concen: 43.156 ng
RT: 11.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:113 Resp: 285315

Ion	Ratio	Lower	Upper
113	100		
55	163.8	157.2	197.2
56	124.2	111.7	151.7

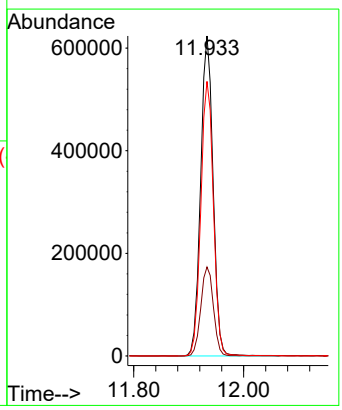


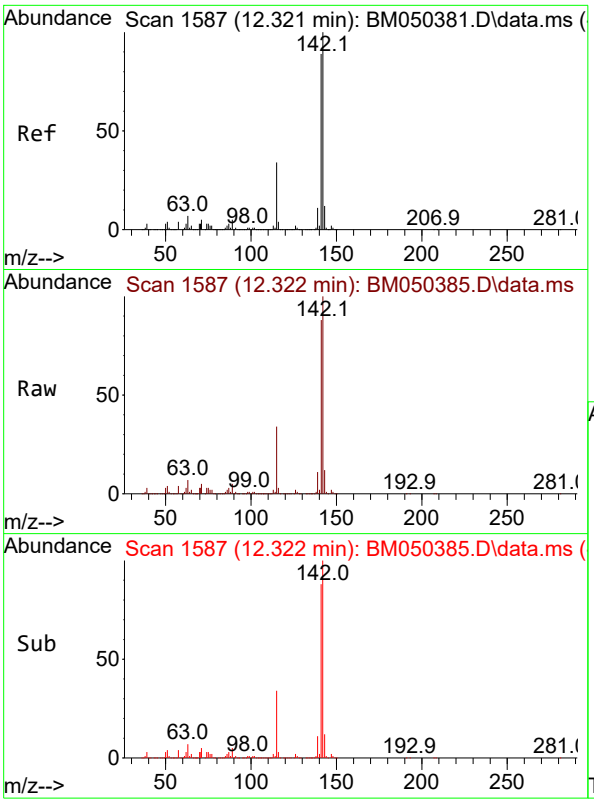


#36
4-Chloro-3-methylphenol
Concen: 43.312 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:107 Resp: 979521

Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.2	33.4
142	85.8	68.7	103.1



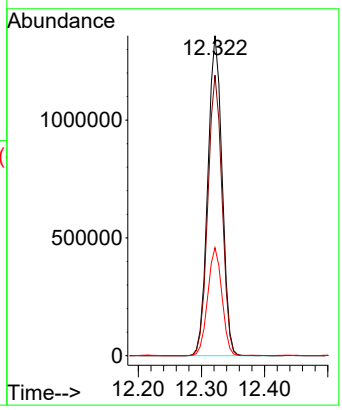


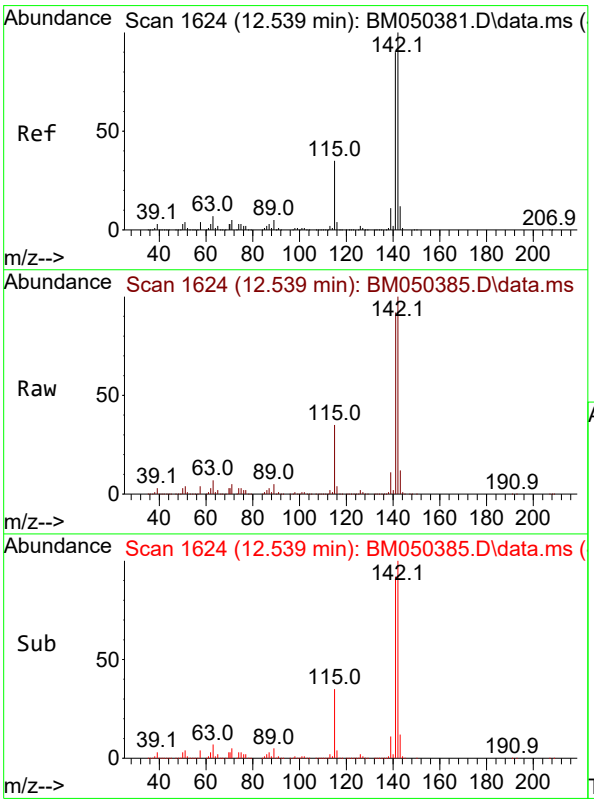
#37
2-Methylnaphthalene
Concen: 42.637 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:142 Resp: 2124989

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
115	33.7	27.0	40.4

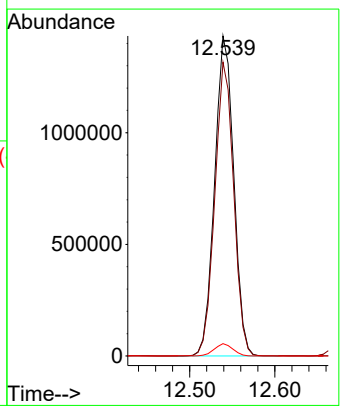


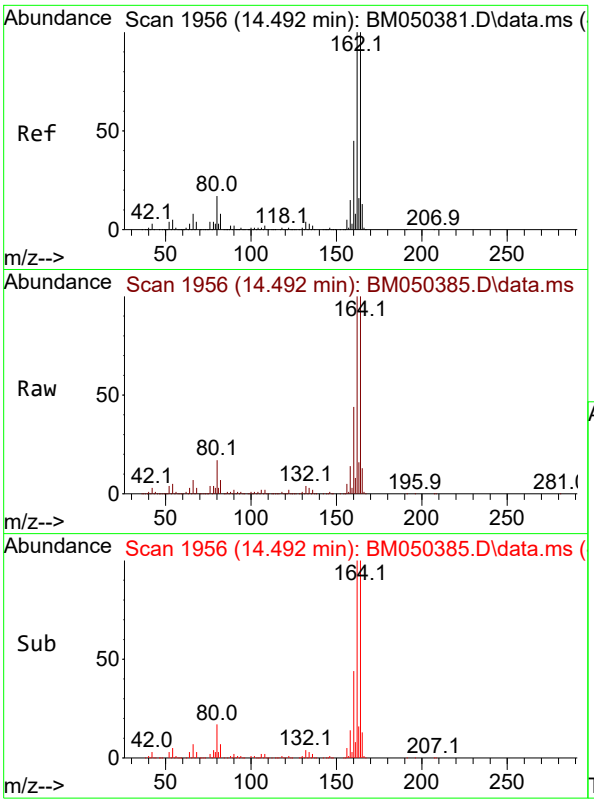


#38
1-Methylnaphthalene
Concen: 42.292 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:142 Resp: 2230710

Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.9	107.9
116	3.9	3.0	4.6



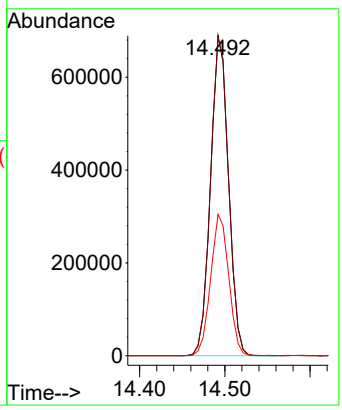


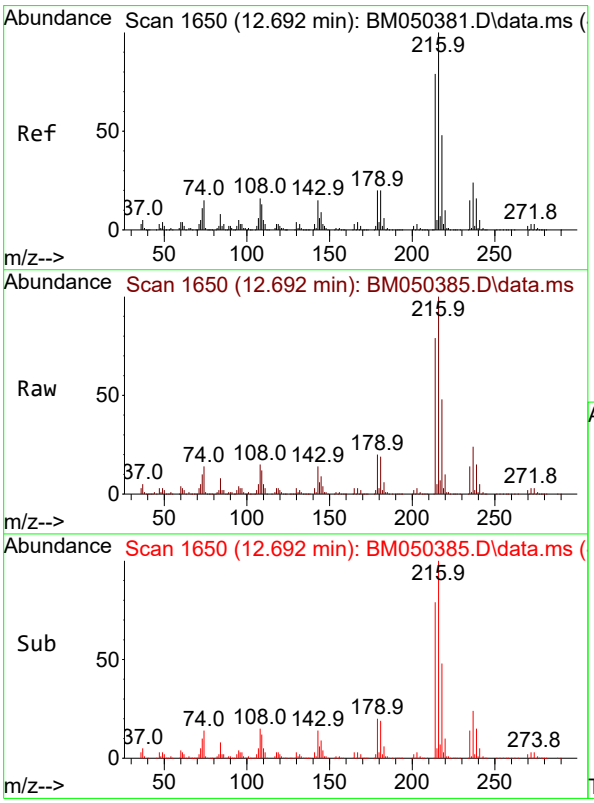
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:164 Resp: 1008264

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.9	119.9
160	44.1	36.2	54.4

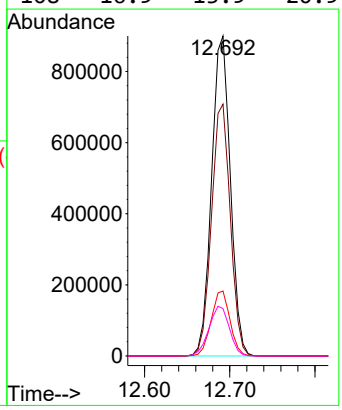


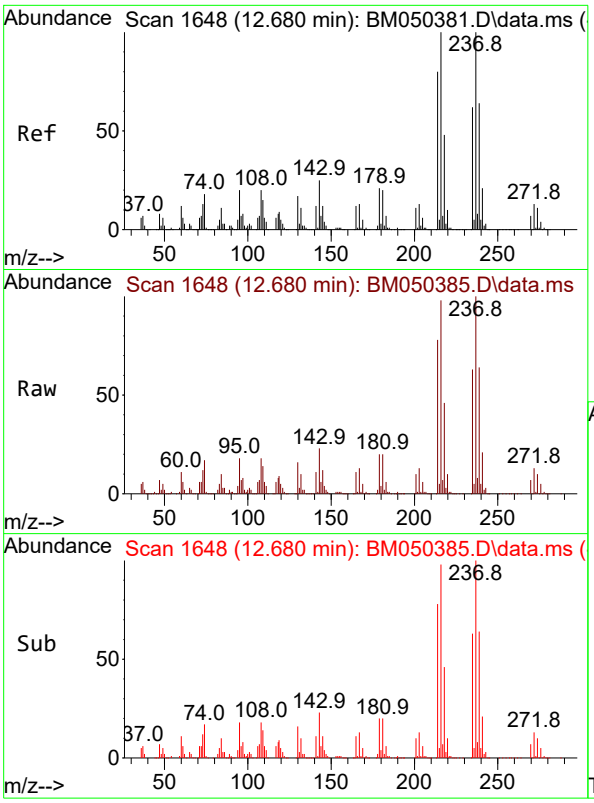


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.859 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:216 Resp: 1374217

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.3	94.9
179	20.4	16.4	24.6
108	16.9	13.9	20.9



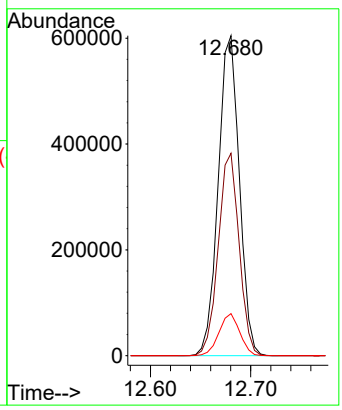


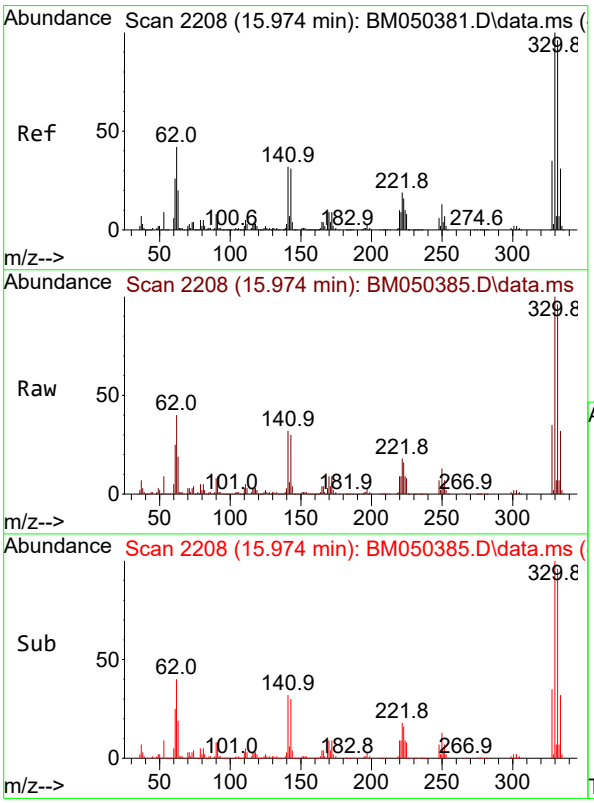
#41
Hexachlorocyclopentadiene
Concen: 43.015 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:237 Resp: 881607

Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.3	82.3
272	13.1	0.0	33.0

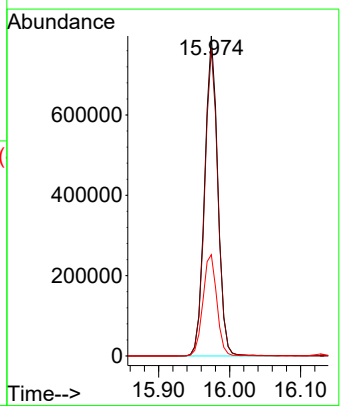


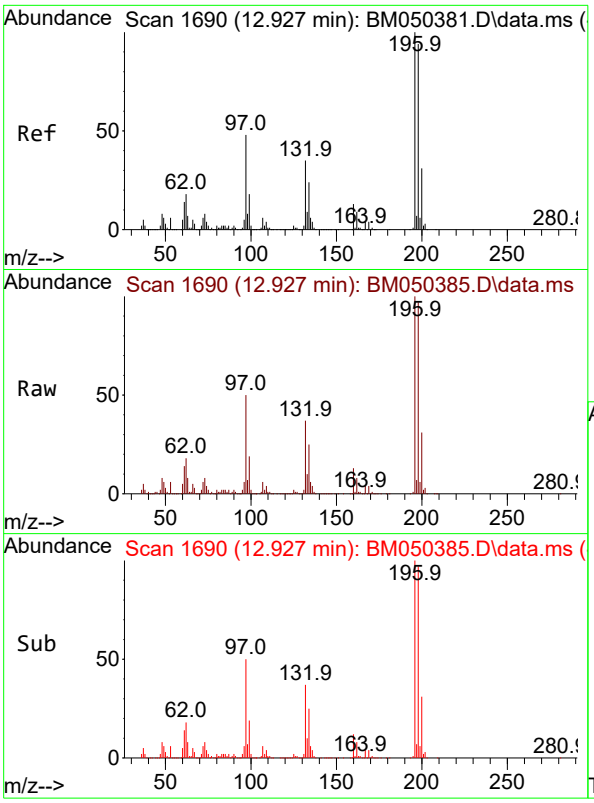


#42
2,4,6-Tribromophenol
Concen: 83.788 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:330 Resp: 1026446

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	33.5	27.4	41.0



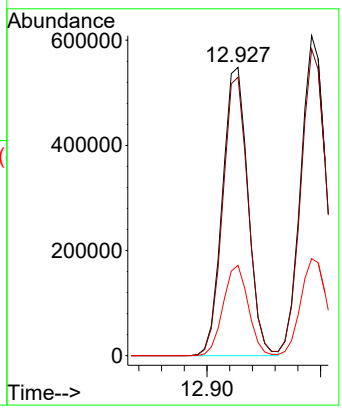


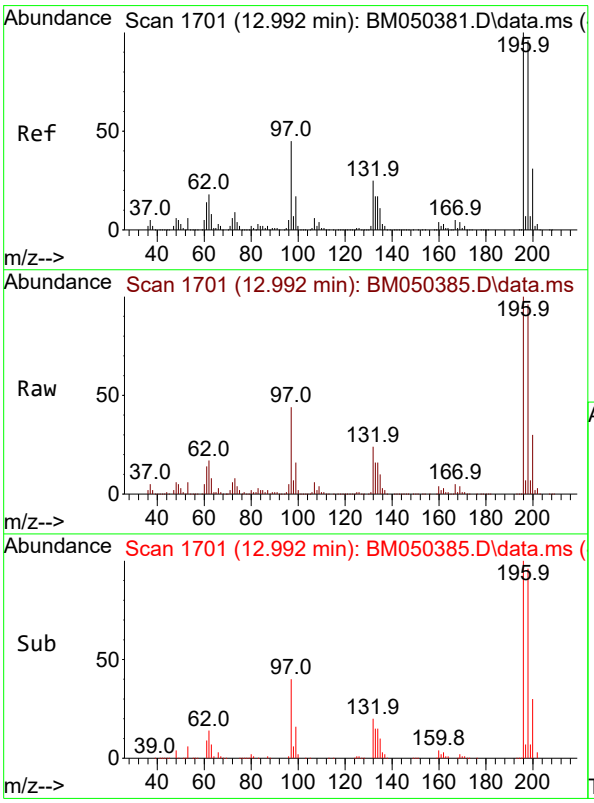
#43
2,4,6-Trichlorophenol
Concen: 43.485 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:196 Resp: 858251

Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.1	112.7
200	31.3	24.6	37.0

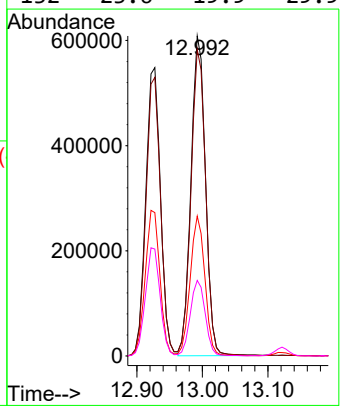


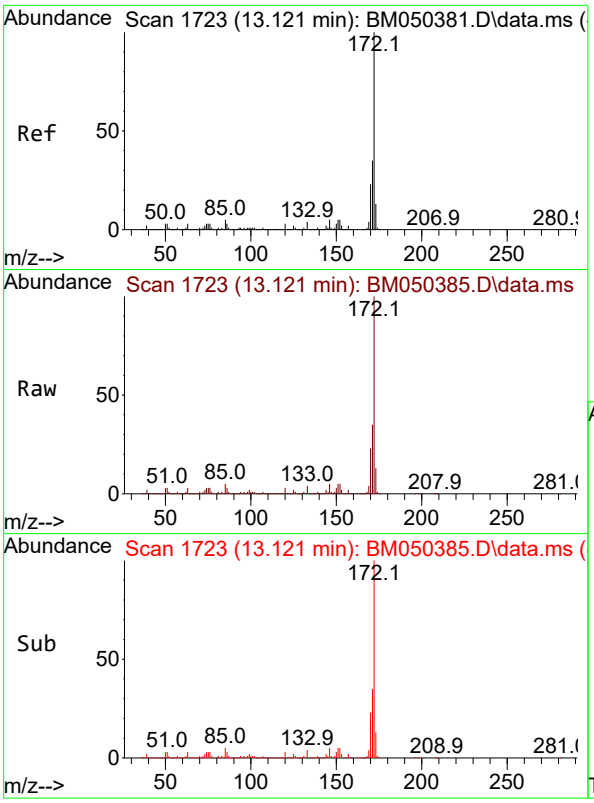


#44
2,4,5-Trichlorophenol
Concen: 43.542 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:196 Resp: 938542

Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.2	115.8
97	43.7	36.2	54.4
132	23.6	19.9	29.9



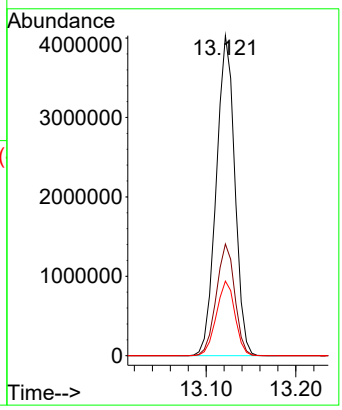


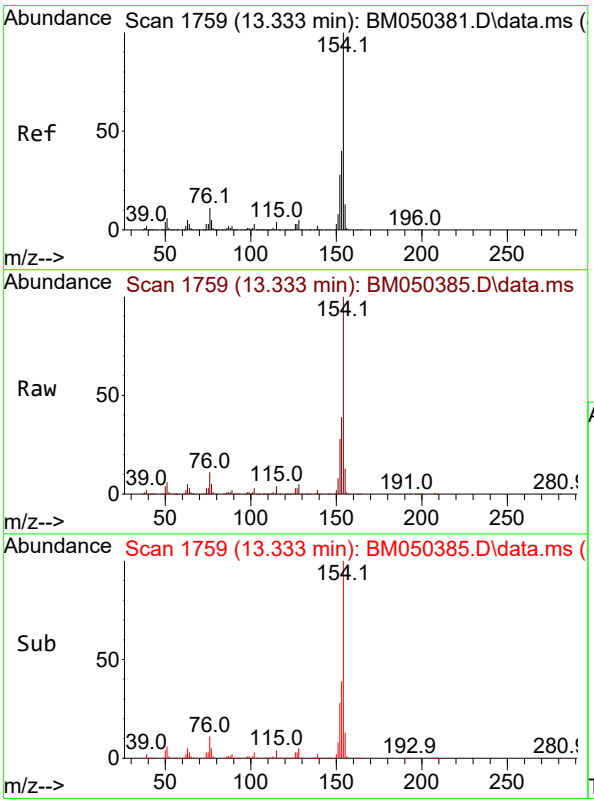
#45
2-Fluorobiphenyl
Concen: 70.689 ng
RT: 13.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:172 Resp: 5771427

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.7	41.5
170	23.3	18.8	28.2

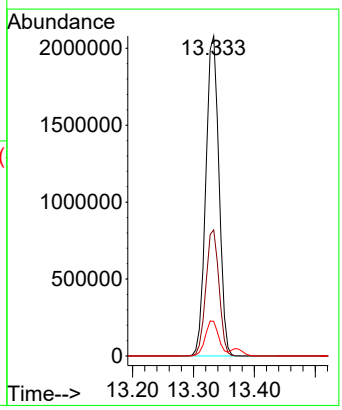


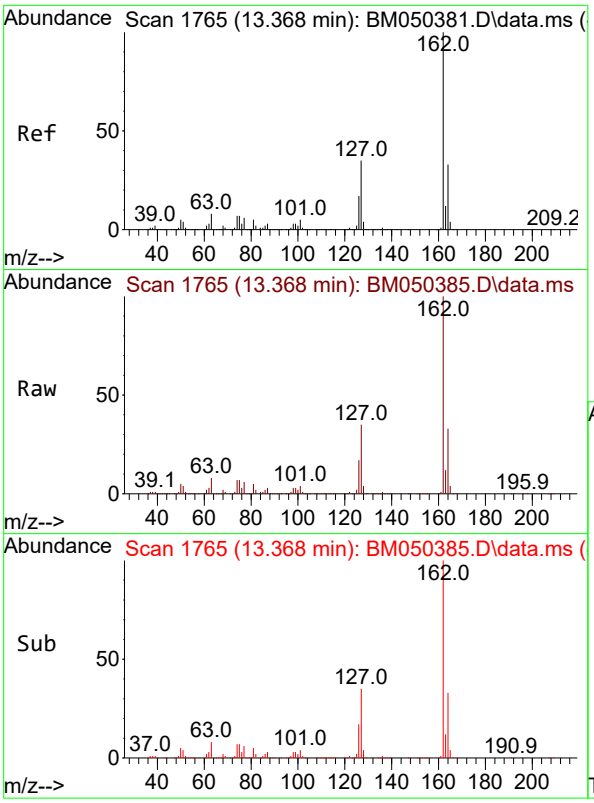


#46
1,1'-Biphenyl
Concen: 41.557 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:154 Resp: 3108770

Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.7	59.7
76	10.8	0.0	30.9



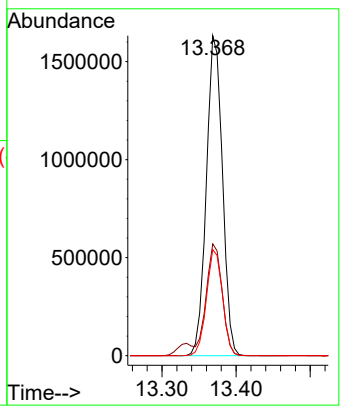


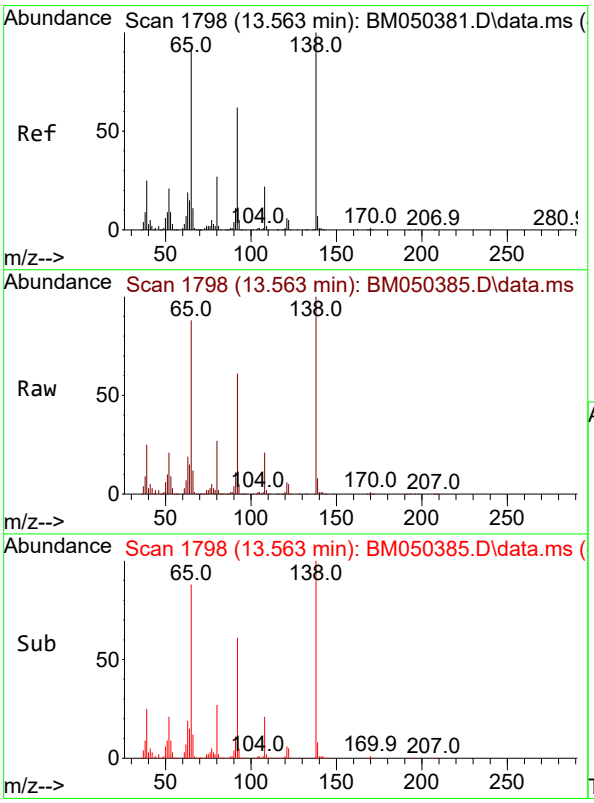
#47
2-Chloronaphthalene
Concen: 41.272 ng
RT: 13.368 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:162 Resp: 2461641

Ion	Ratio	Lower	Upper
162	100		
127	35.0	28.3	42.5
164	33.2	26.6	40.0

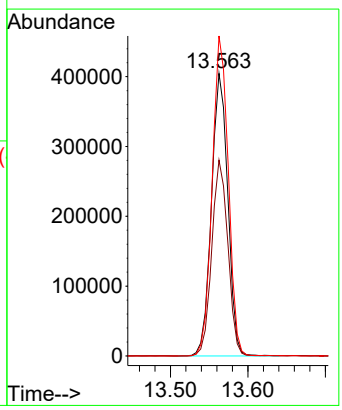


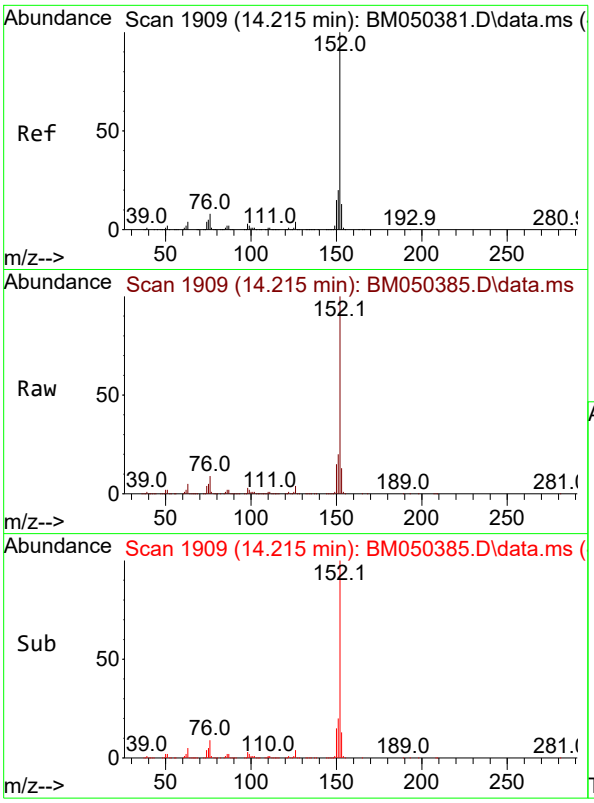


#48
2-Nitroaniline
Concen: 44.497 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 65 Resp: 592401

Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.3	81.5
138	113.2	87.8	131.6



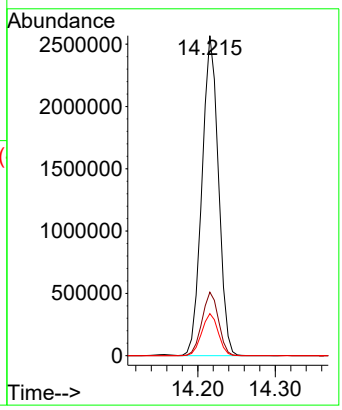


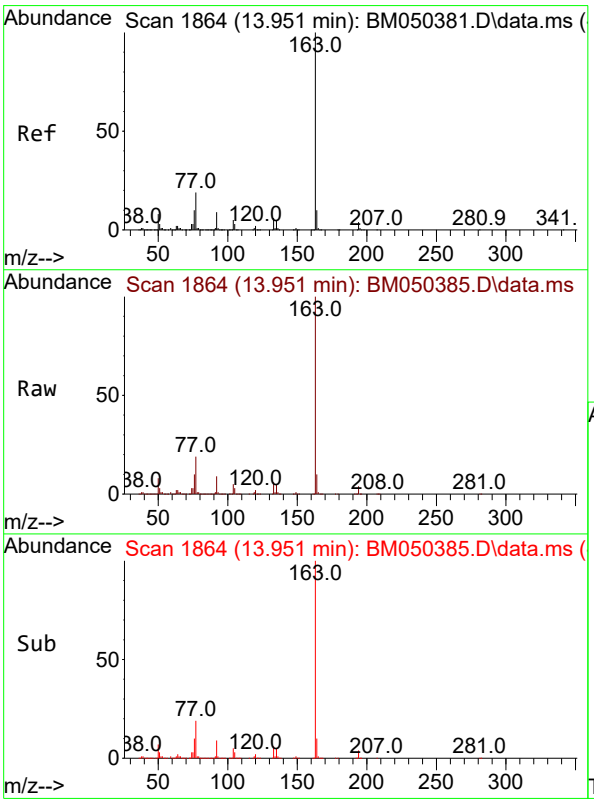
#49
Acenaphthylene
Concen: 41.972 ng
RT: 14.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:152 Resp: 3783308

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.1	10.6	15.8

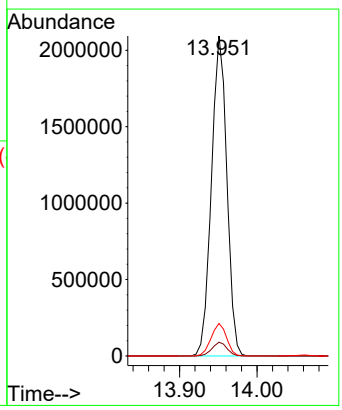


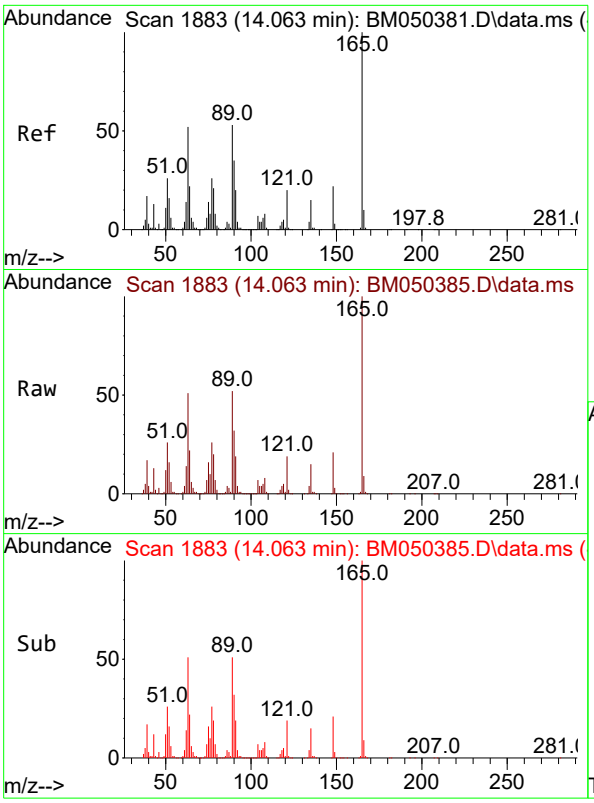


#50
Dimethylphthalate
Concen: 41.635 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:163 Resp: 2890119

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.2



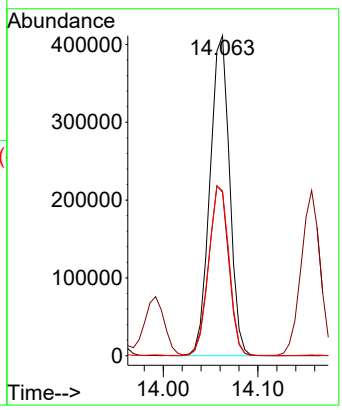


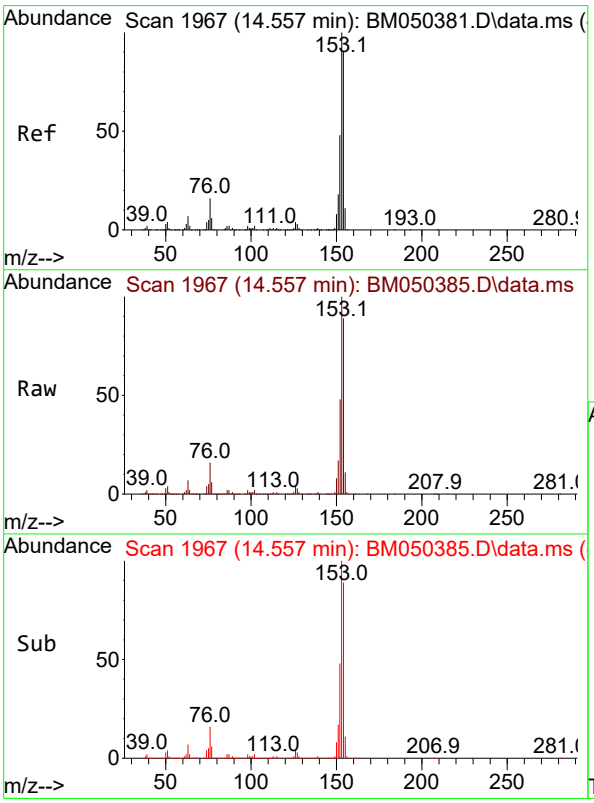
#51
2,6-Dinitrotoluene
Concen: 44.405 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:165 Resp: 591843

Ion	Ratio	Lower	Upper
165	100		
63	51.1	42.4	63.6
89	51.5	42.2	63.2

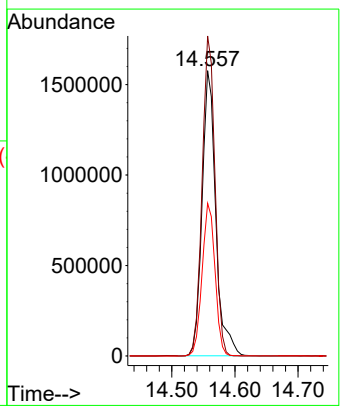


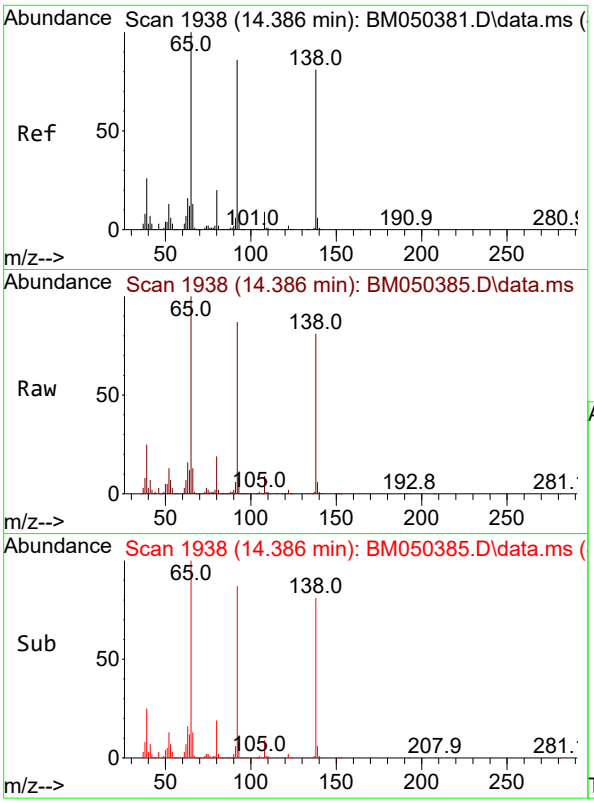


#52
Acenaphthene
Concen: 41.562 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:154 Resp: 2381763

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.2	133.8
152	53.5	42.6	64.0



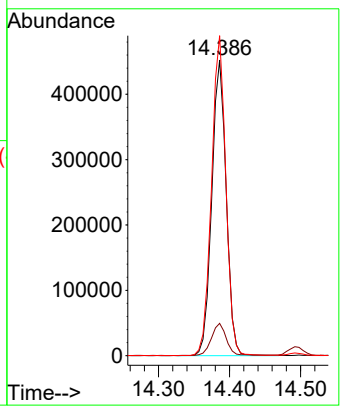


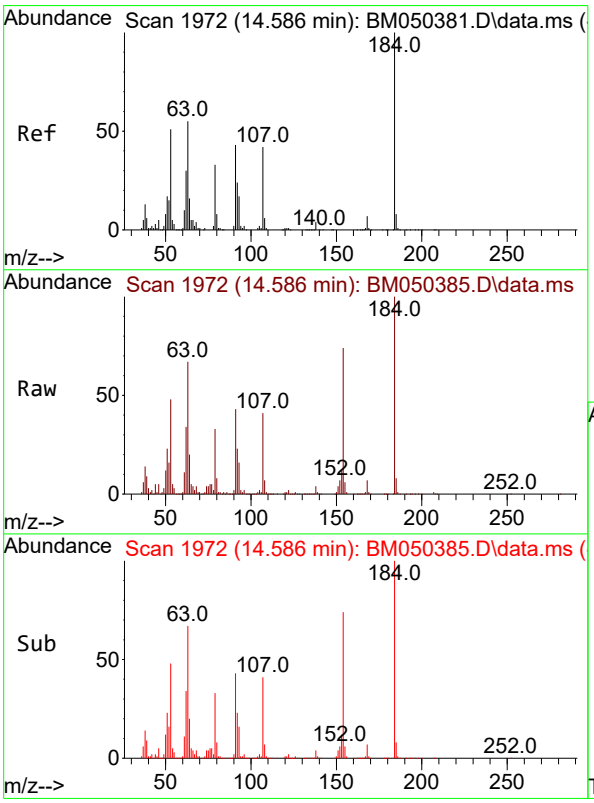
#53
3-Nitroaniline
Concen: 44.871 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:138 Resp: 636015

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	108.2	85.0	127.6

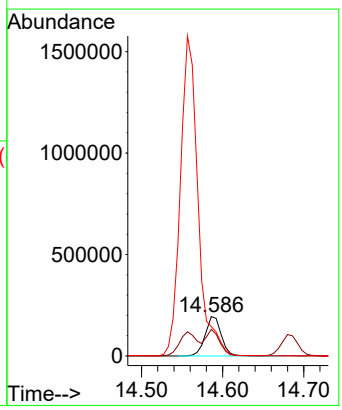


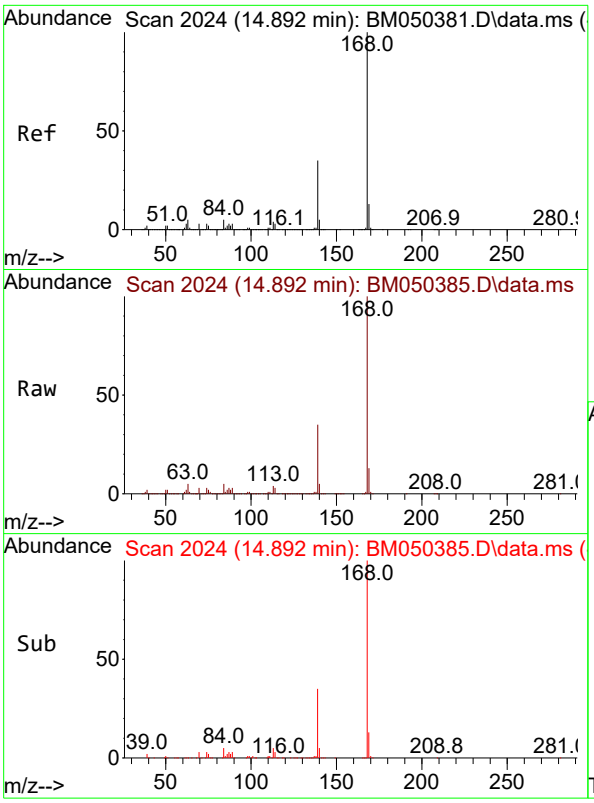


#54
2,4-Dinitrophenol
Concen: 39.797 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:184 Resp: 266947

Ion	Ratio	Lower	Upper
184	100		
63	67.3	53.4	80.0
154	74.3	61.6	92.4



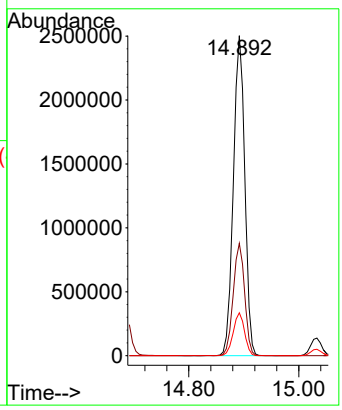


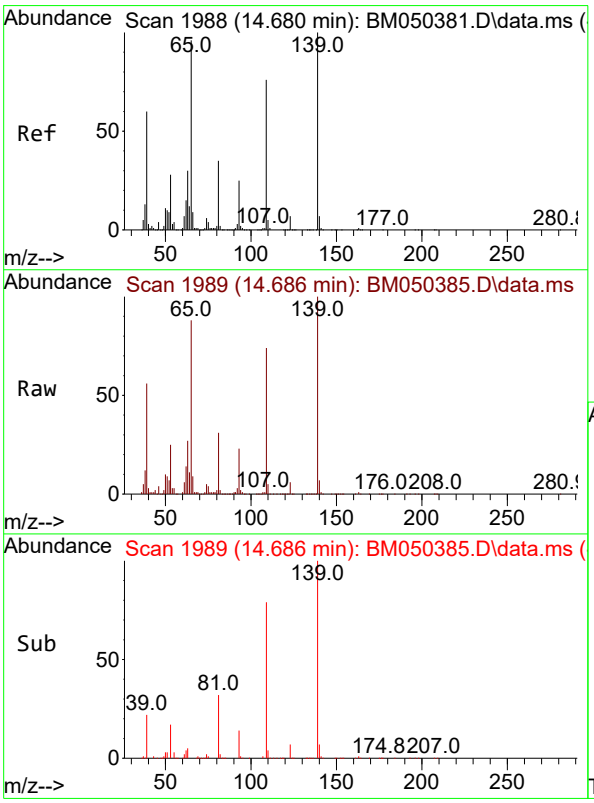
#55
Dibenzofuran
Concen: 40.877 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:168 Resp: 3609413

Ion	Ratio	Lower	Upper
168	100		
139	35.1	27.7	41.5
169	13.4	10.7	16.1

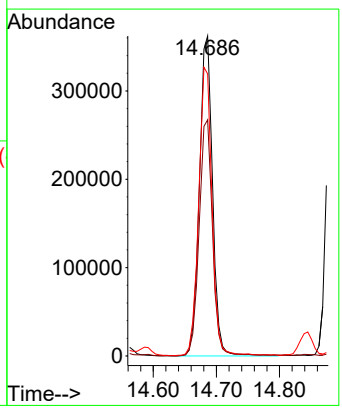


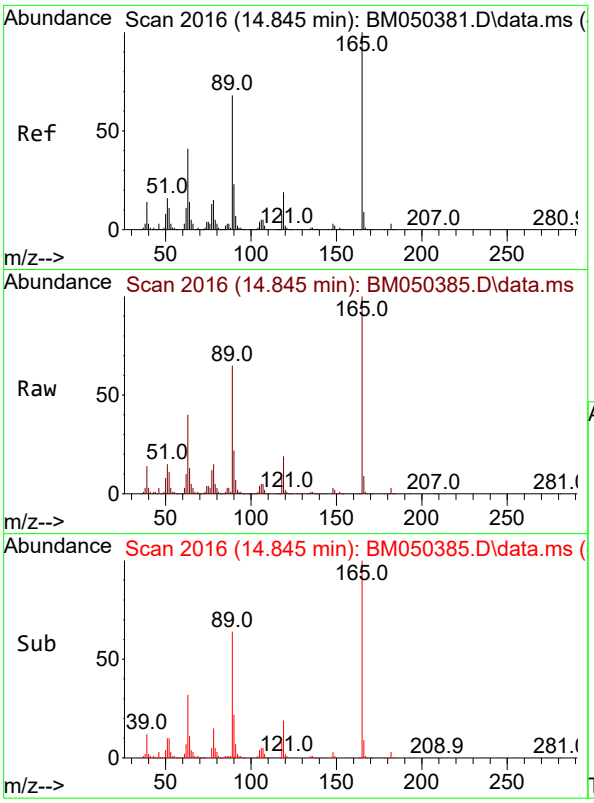


#56
4-Nitrophenol
Concen: 42.822 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:139 Resp: 521977

Ion	Ratio	Lower	Upper
139	100		
109	73.8	56.5	96.5
65	88.1	76.4	116.4



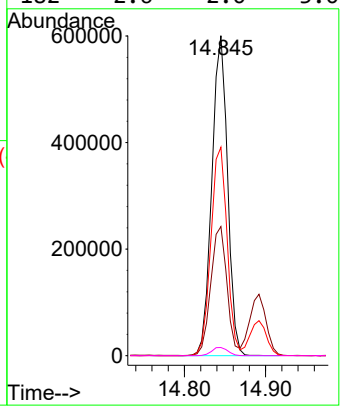


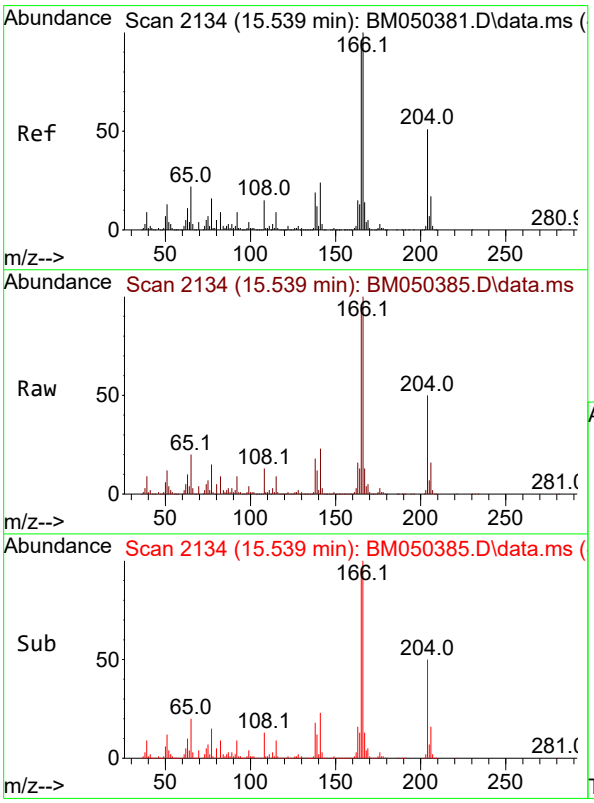
#57
2,4-Dinitrotoluene
Concen: 40.905 ng
RT: 14.845 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:165 Resp: 807634

Ion	Ratio	Lower	Upper
165	100		
63	40.3	32.5	48.7
89	65.1	54.0	81.0
182	2.6	2.0	3.0

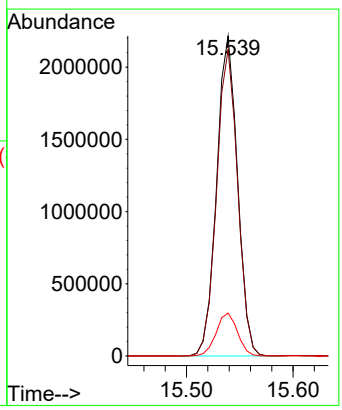


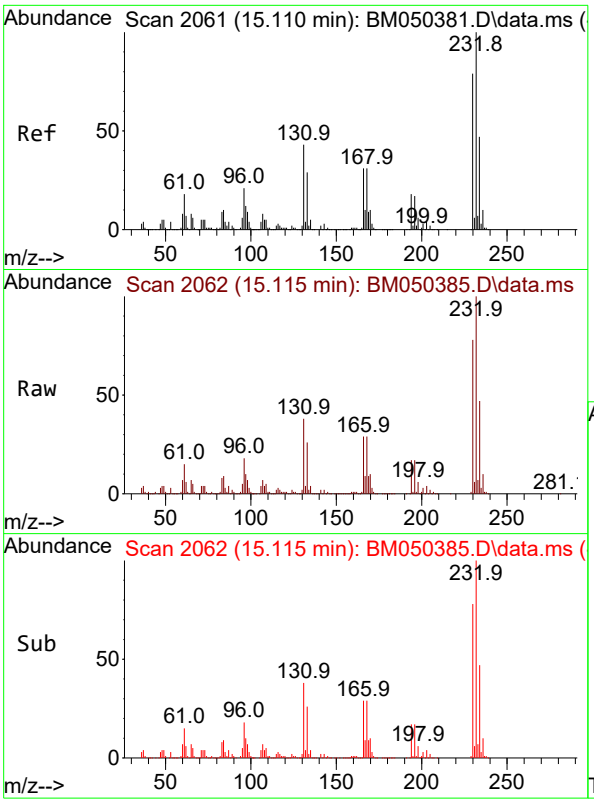


#58
Fluorene
Concen: 41.425 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:166 Resp: 3012801

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.0	115.6
167	13.4	10.9	16.3



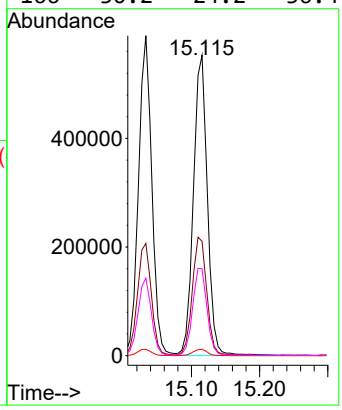


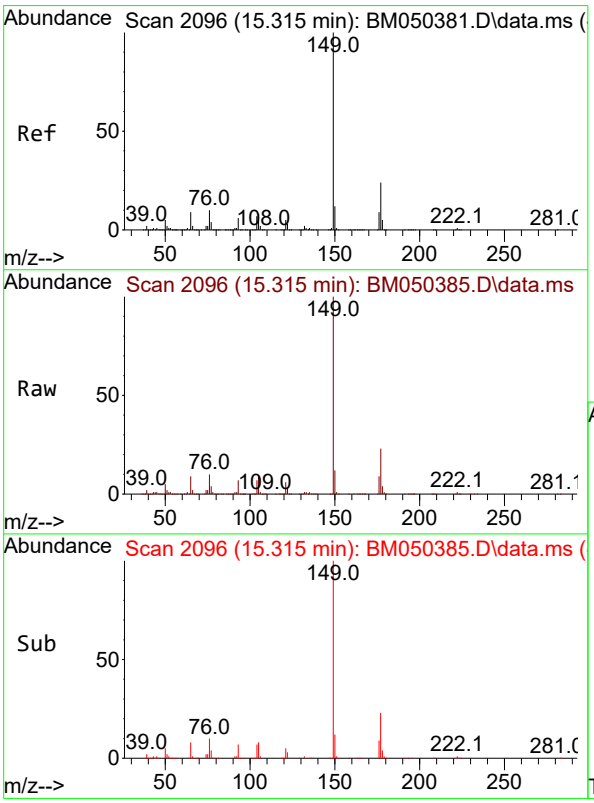
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.229 ng
RT: 15.115 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:232 Resp: 784378

Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.4	50.0
130	2.2	1.8	2.6
166	30.2	24.2	36.4

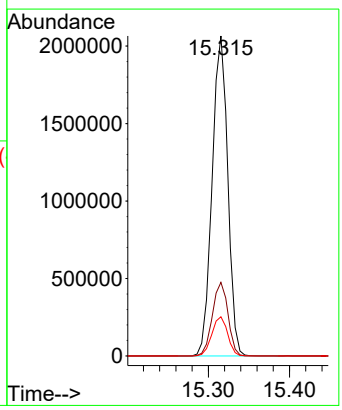


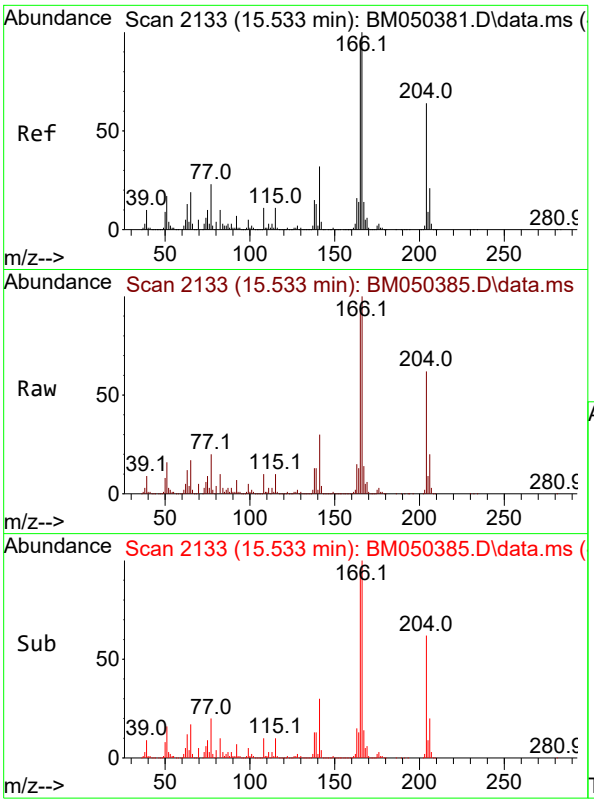


#60
Diethylphthalate
Concen: 41.609 ng
RT: 15.315 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 2759041

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.8	28.2
150	12.2	9.8	14.8



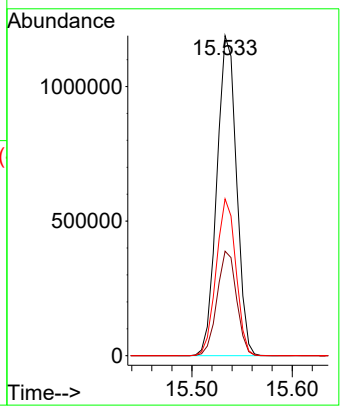


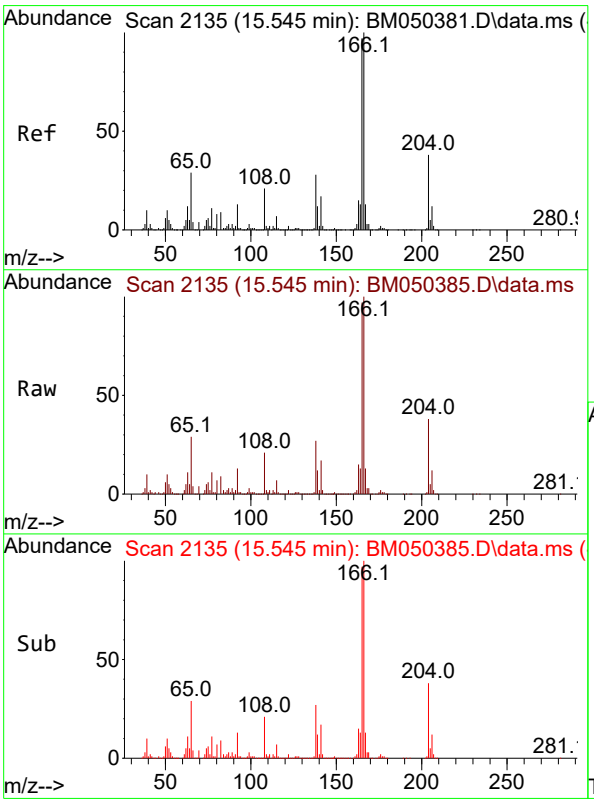
#61
4-Chlorophenyl-phenylether
Concen: 42.288 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:204 Resp: 1608200

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	49.0	39.9	59.9

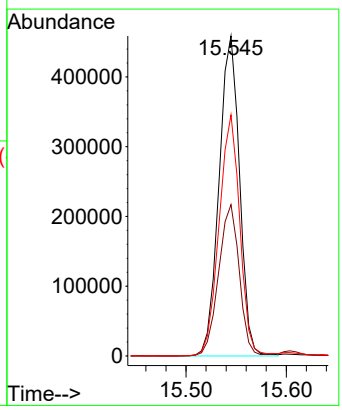


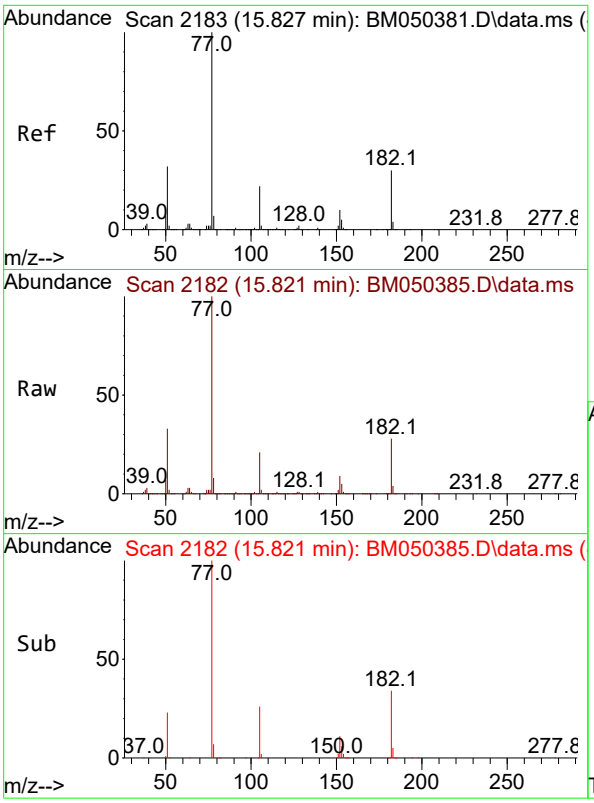


#62
4-Nitroaniline
Concen: 40.288 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:138 Resp: 649355

Ion	Ratio	Lower	Upper
138	100		
92	47.3	24.5	64.5
108	75.4	52.5	92.5



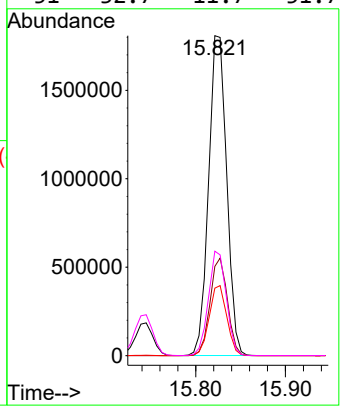


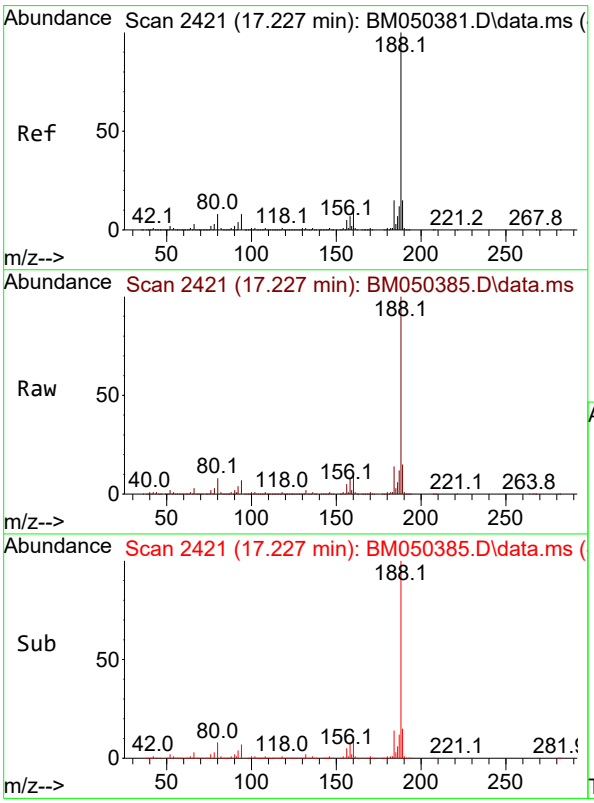
#63
Azobenzene
Concen: 41.531 ng
RT: 15.821 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 77 Resp: 2528721

Ion	Ratio	Lower	Upper
77	100		
182	27.9	10.0	50.0
105	21.1	2.0	42.0
51	32.7	11.7	51.7

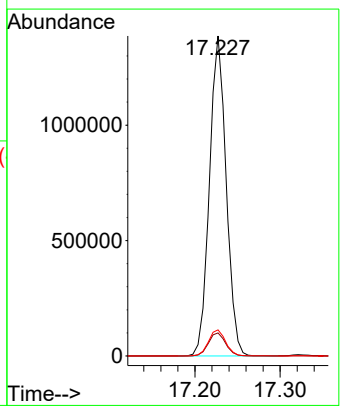


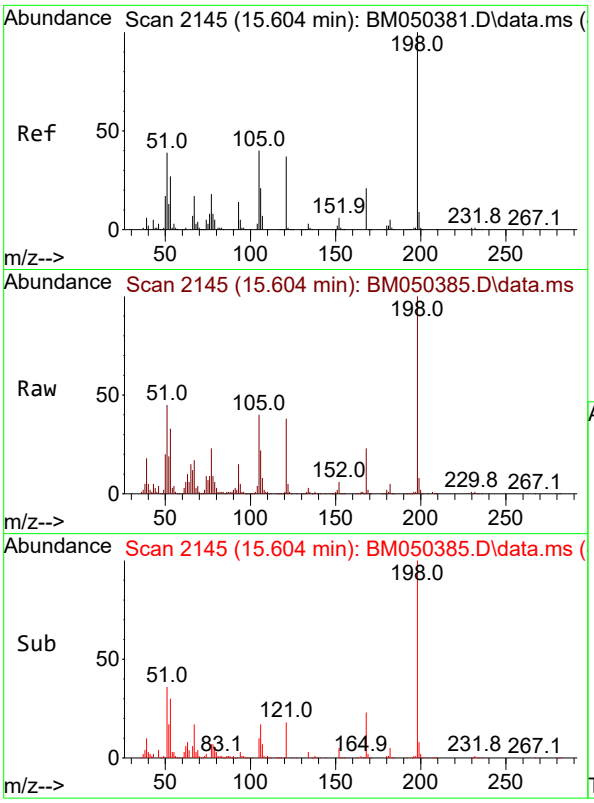


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:188 Resp: 1898481

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.0	9.0
80	8.2	6.5	9.7



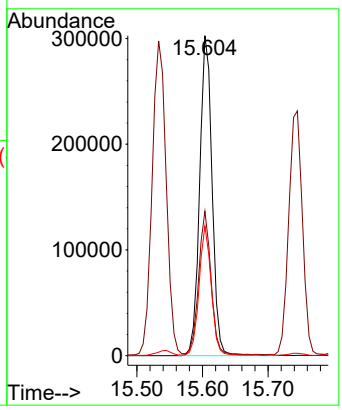


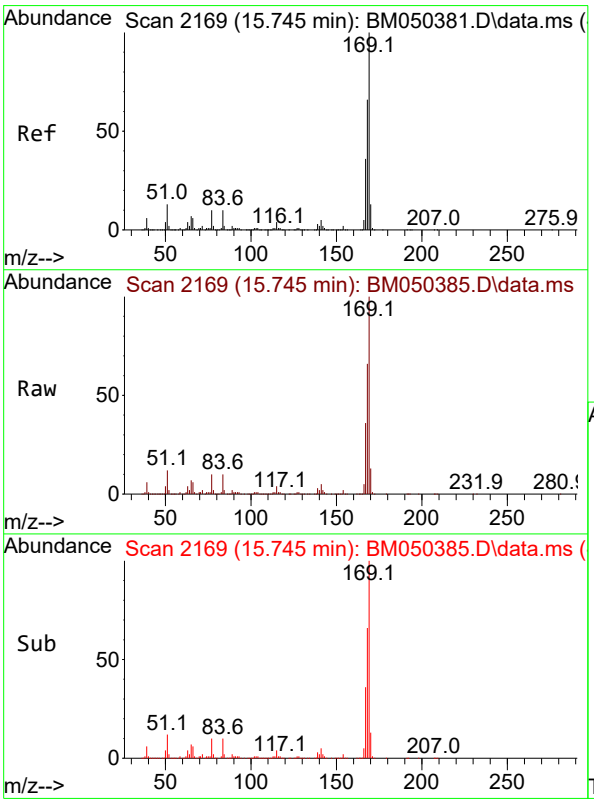
#65
4,6-Dinitro-2-methylphenol
Concen: 40.334 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:198 Resp: 399918

Ion	Ratio	Lower	Upper
198	100		
51	45.1	26.6	66.6
105	40.5	20.9	60.9

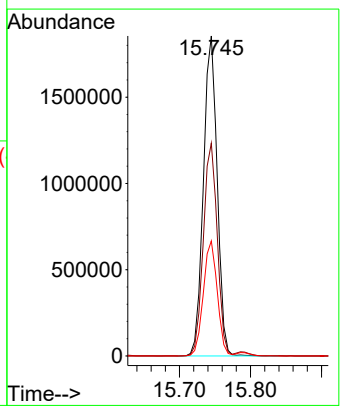


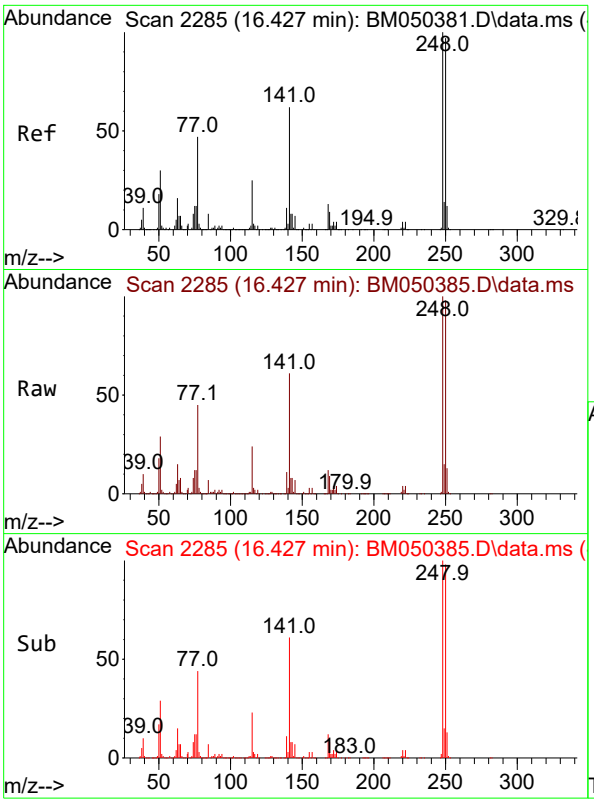


#66
n-Nitrosodiphenylamine
Concen: 42.198 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:169 Resp: 2506809

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	36.0	28.7	43.1



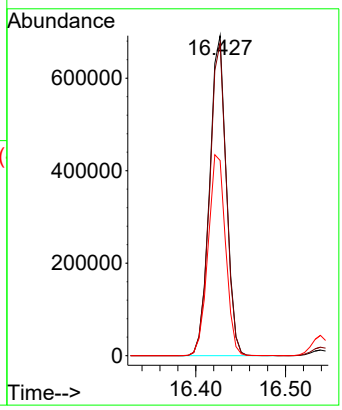


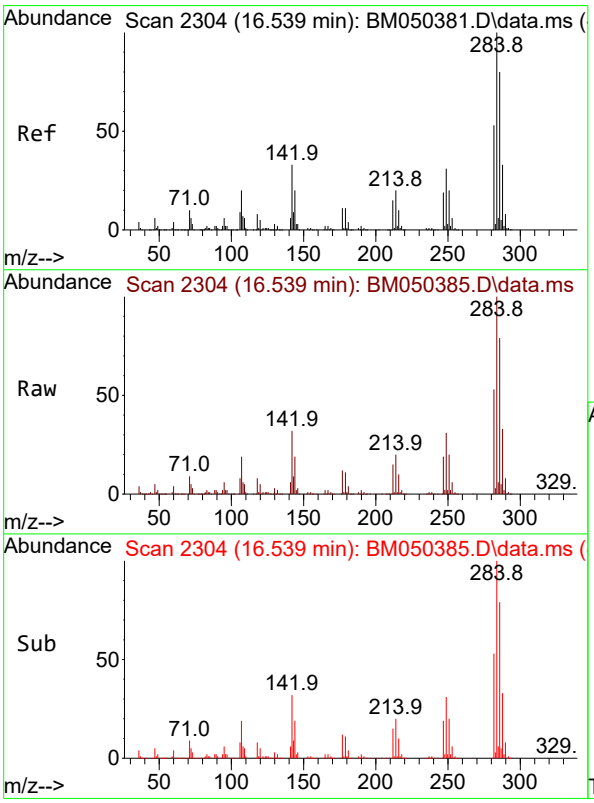
#67
4-Bromophenyl-phenylether
Concen: 42.755 ng
RT: 16.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:248 Resp: 894310

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.9	116.9
141	61.0	49.7	74.5

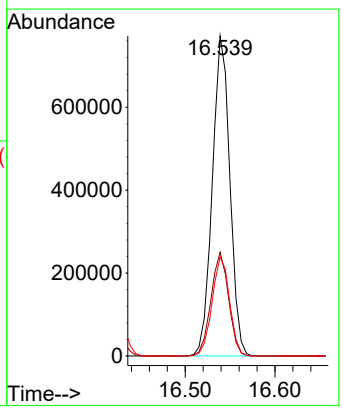


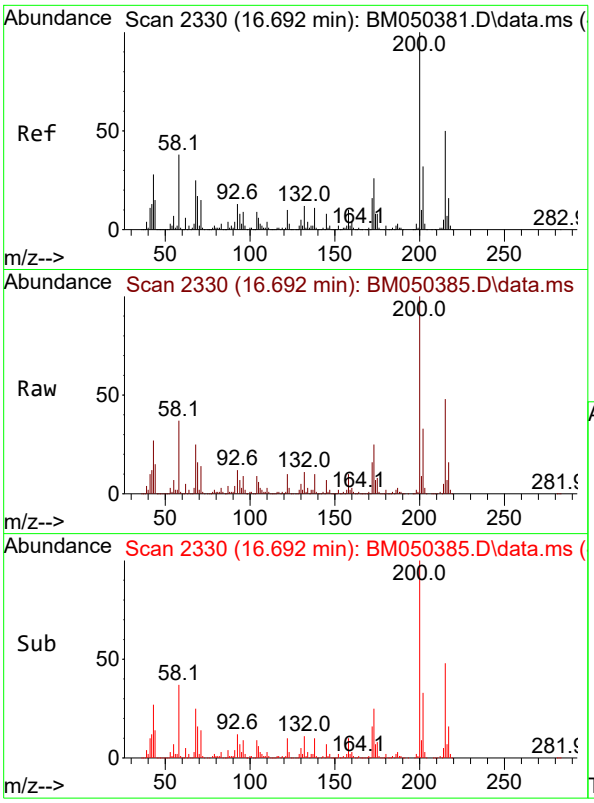


#68
Hexachlorobenzene
Concen: 42.380 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:284 Resp: 1046980

Ion	Ratio	Lower	Upper
284	100		
142	32.4	26.8	40.2
249	31.0	24.5	36.7



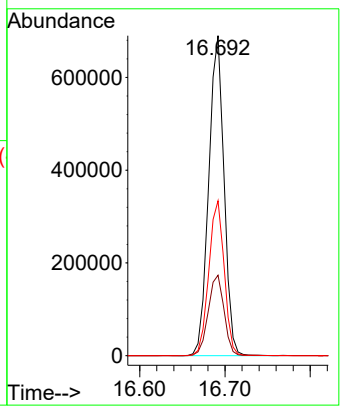


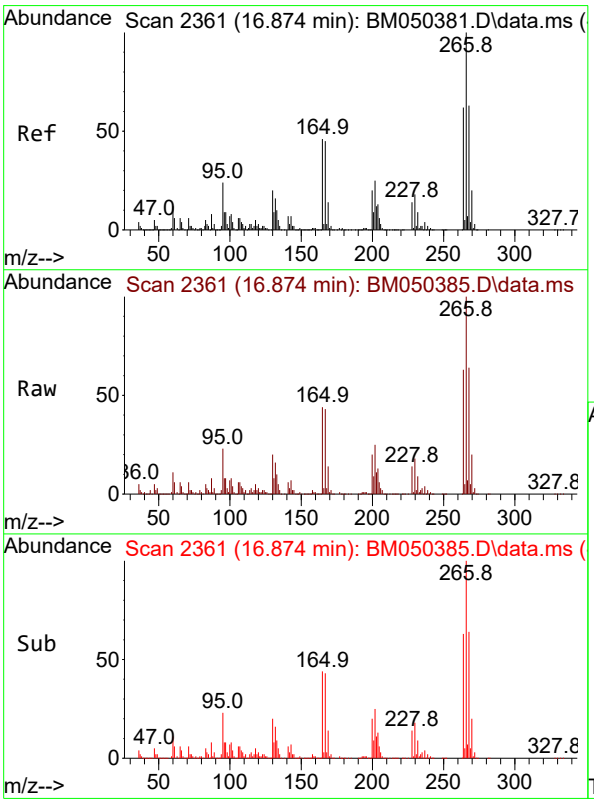
#69
Atrazine
Concen: 44.212 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:200 Resp: 862455

Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.6	45.6
215	48.4	29.6	69.6

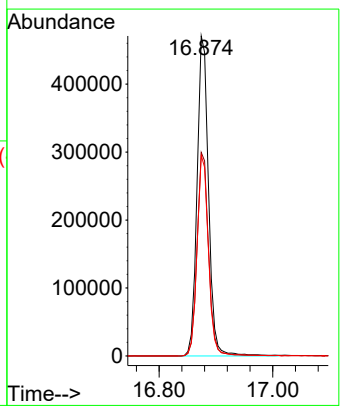


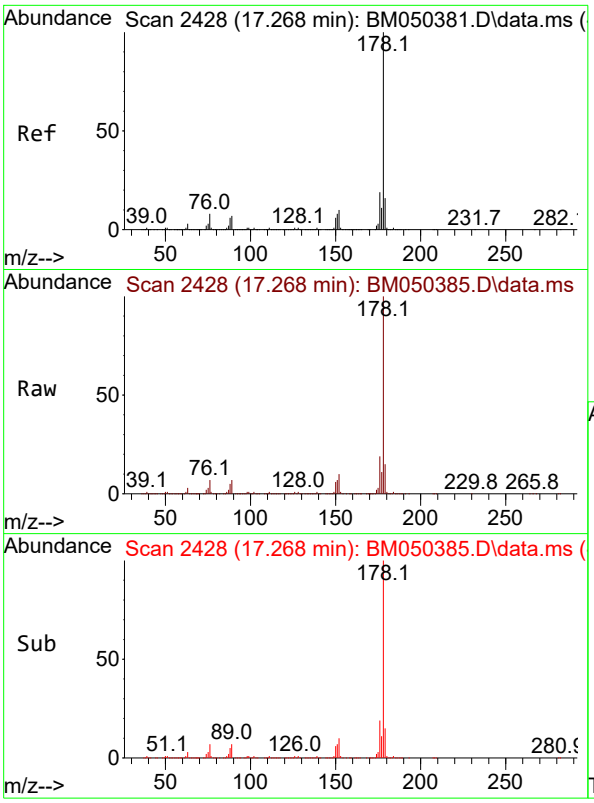


#70
Pentachlorophenol
Concen: 43.075 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:266 Resp: 662449

Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.5	75.7
264	62.6	49.9	74.9



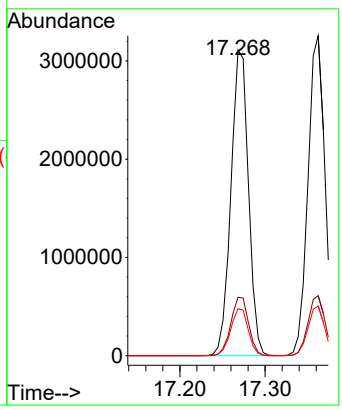


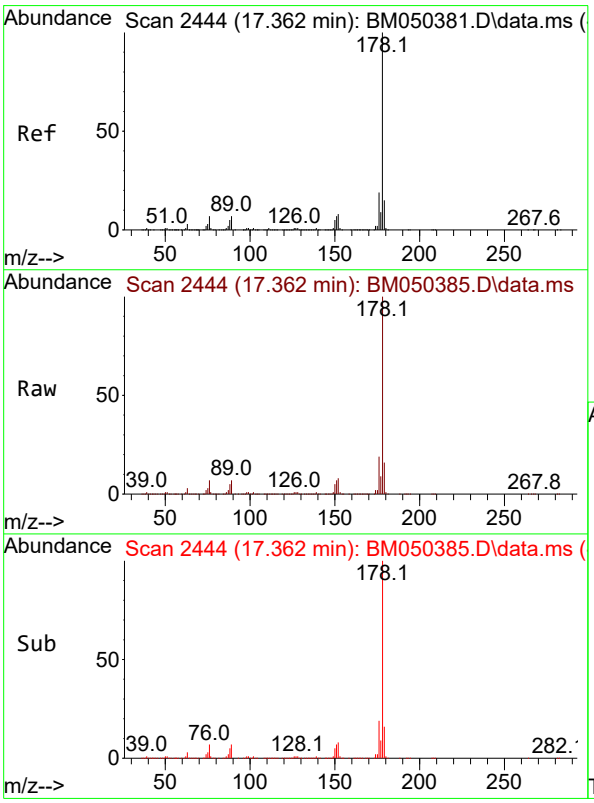
#71
Phenanthrene
Concen: 41.373 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:178 Resp: 4444618

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.4	12.5	18.7

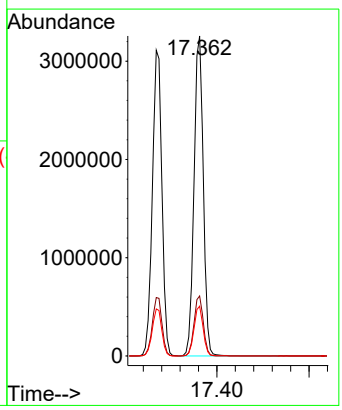


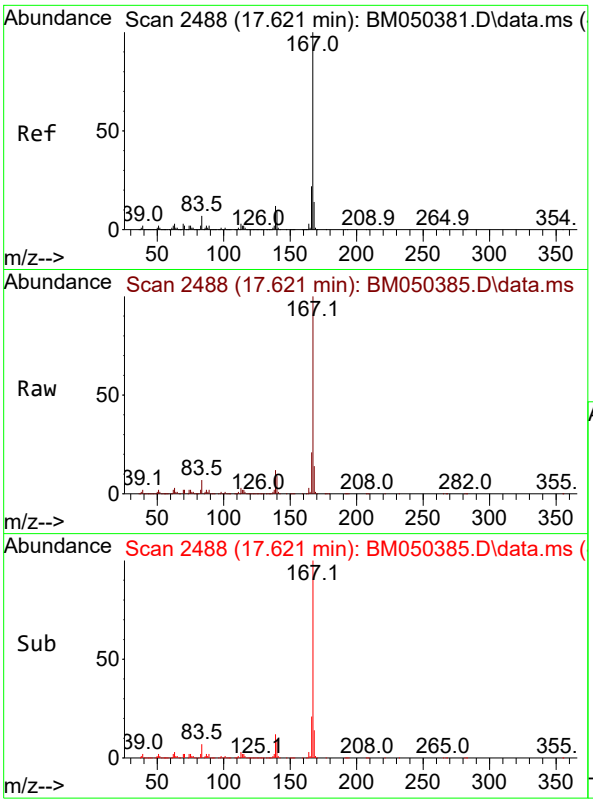


#72
Anthracene
Concen: 42.316 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:178 Resp: 4525011

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	12.2	18.4



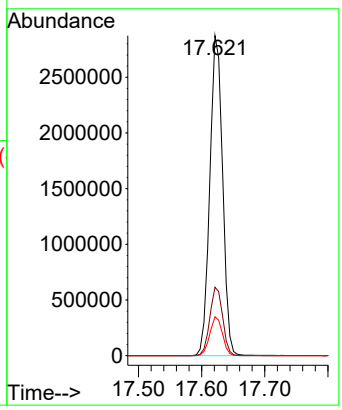


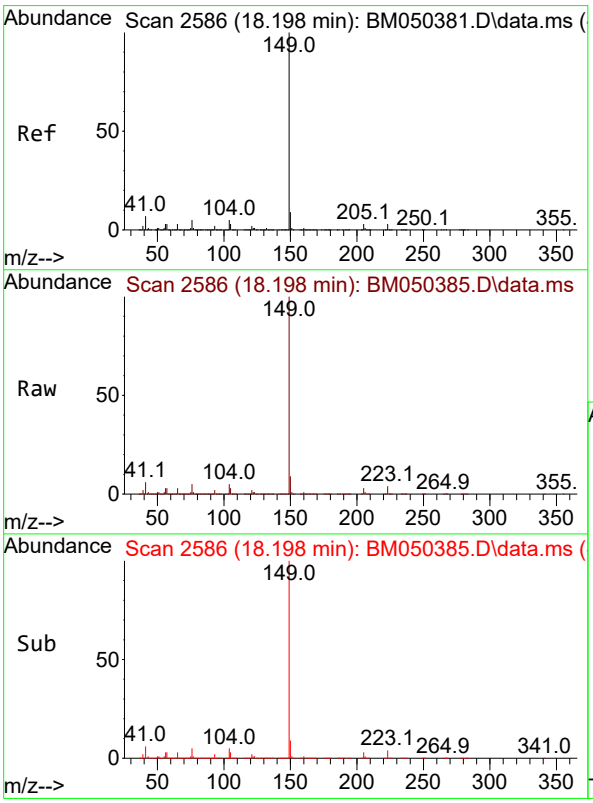
#73
Carbazole
Concen: 41.806 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:167 Resp: 4044979

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.2	9.9	14.9

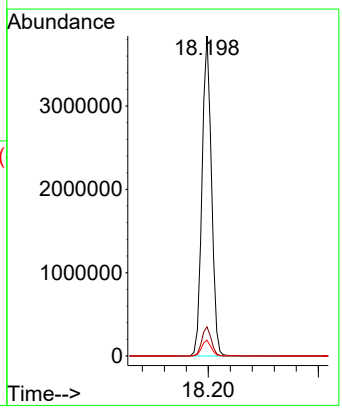


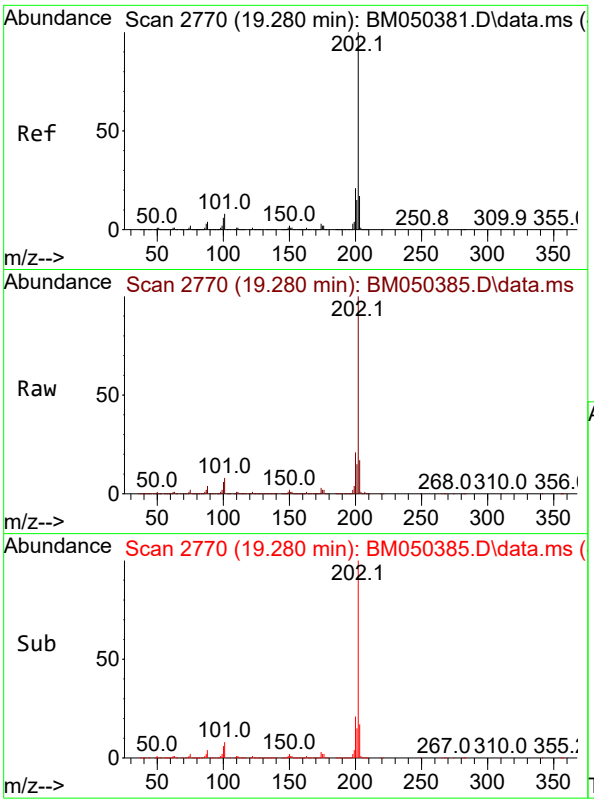


#74
Di-n-butylphthalate
Concen: 43.247 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 4579991

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.9	3.9	5.9



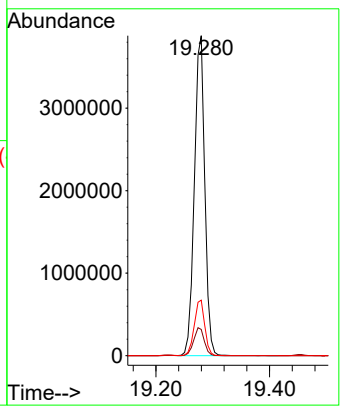


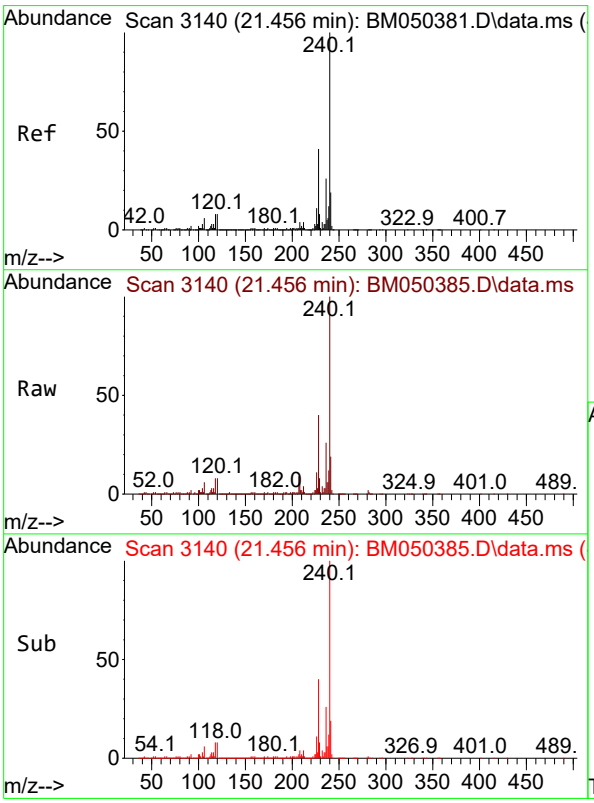
#75
Fluoranthene
Concen: 42.474 ng
RT: 19.280 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:202 Resp: 4960360

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.3
203	17.4	0.0	37.2

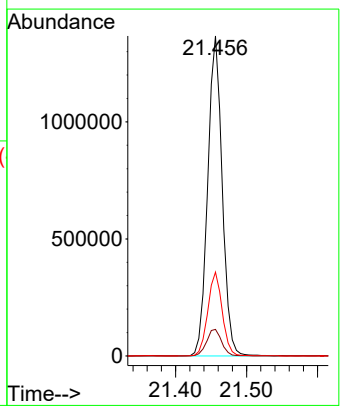


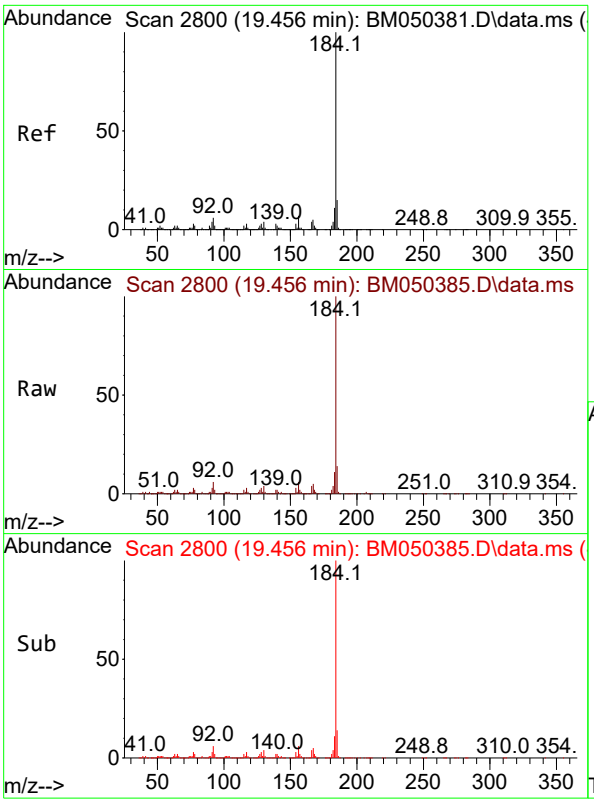


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:240 Resp: 1940016

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.7	10.1
236	26.2	20.7	31.1



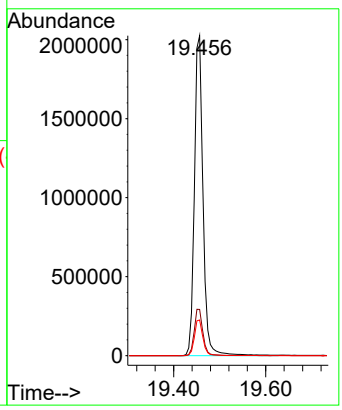


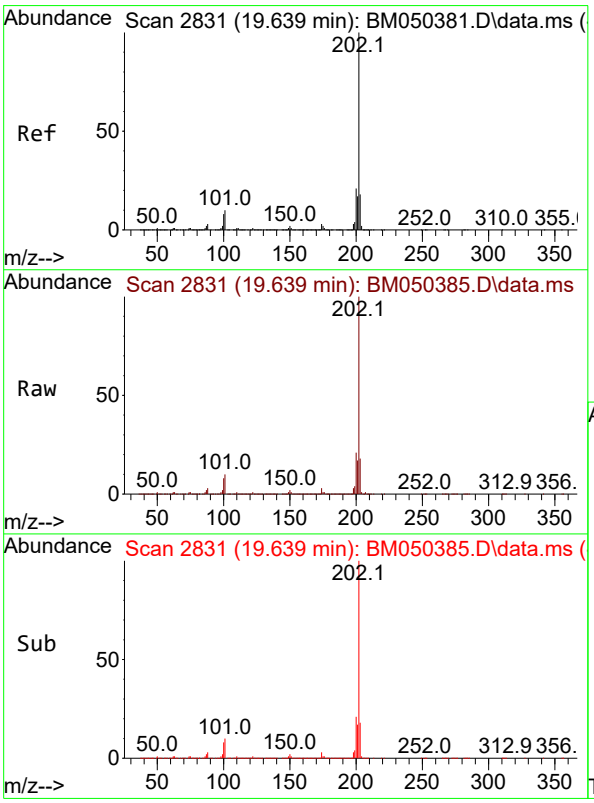
#77
Benzidine
Concen: 53.050 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:184 Resp: 2625052

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.7	17.5
183	11.2	9.0	13.6

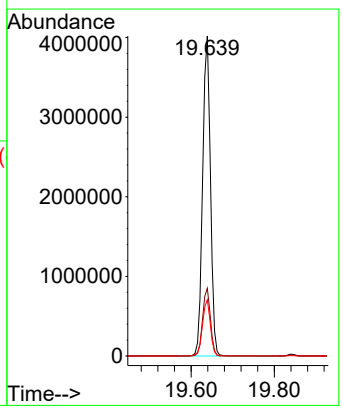


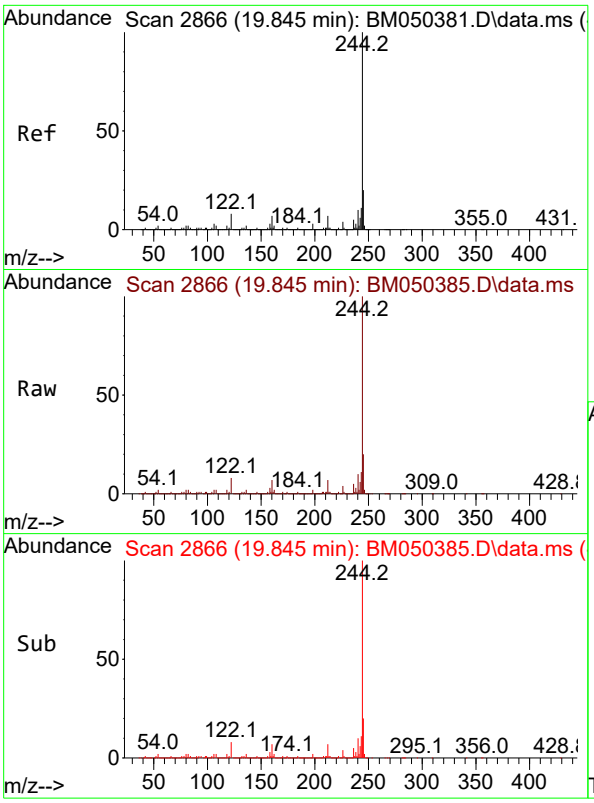


#78
Pyrene
Concen: 42.257 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:202 Resp: 5250364

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.5	14.1	21.1



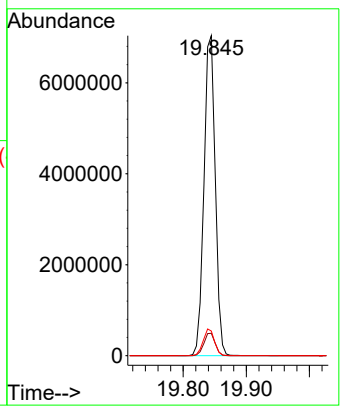


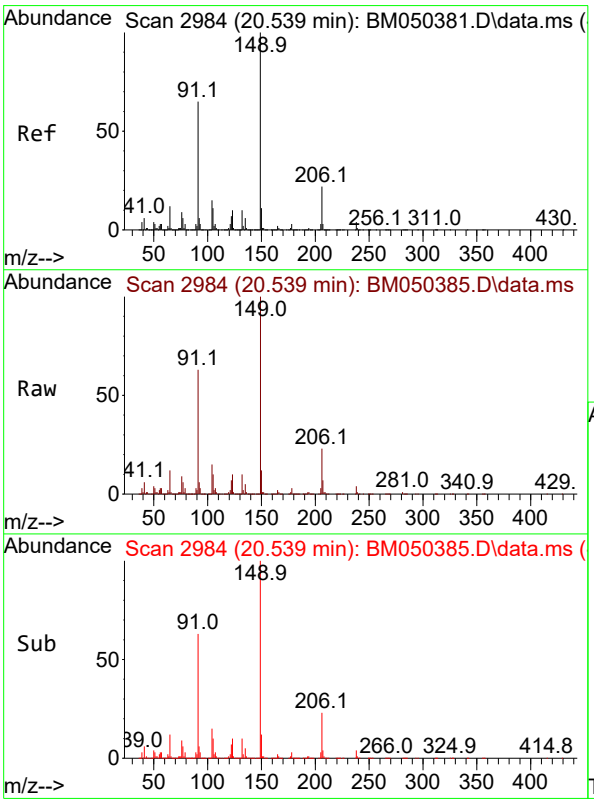
#79
Terphenyl-d14
Concen: 79.145 ng
RT: 19.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:244 Resp: 8726739

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.7	6.2	9.2

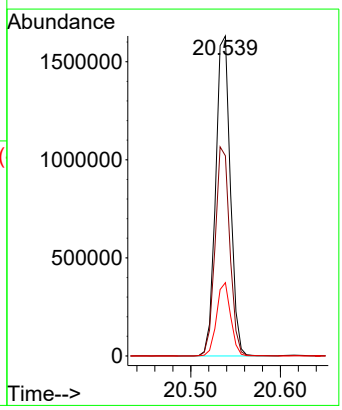


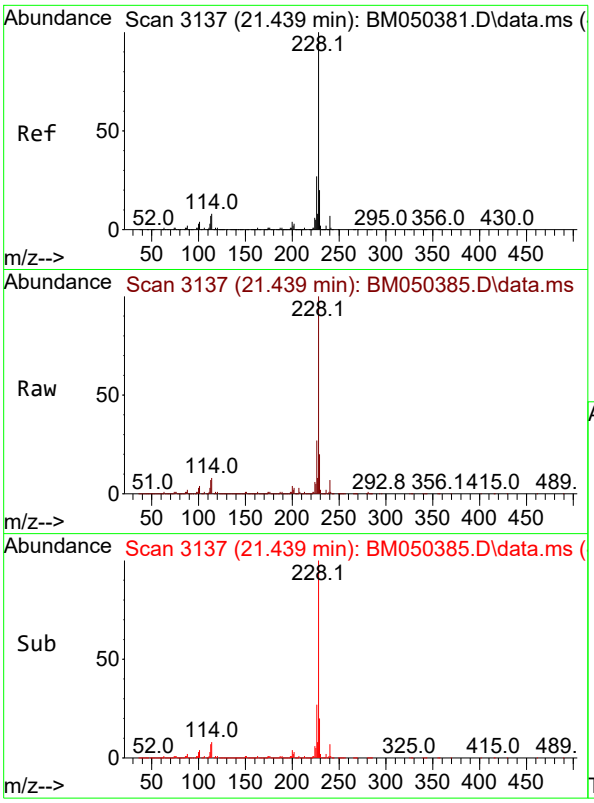


#80
Butylbenzylphthalate
Concen: 45.139 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 1849278

Ion	Ratio	Lower	Upper
149	100		
91	62.6	51.6	77.4
206	22.9	17.8	26.8



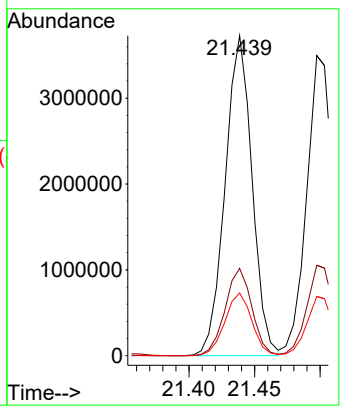


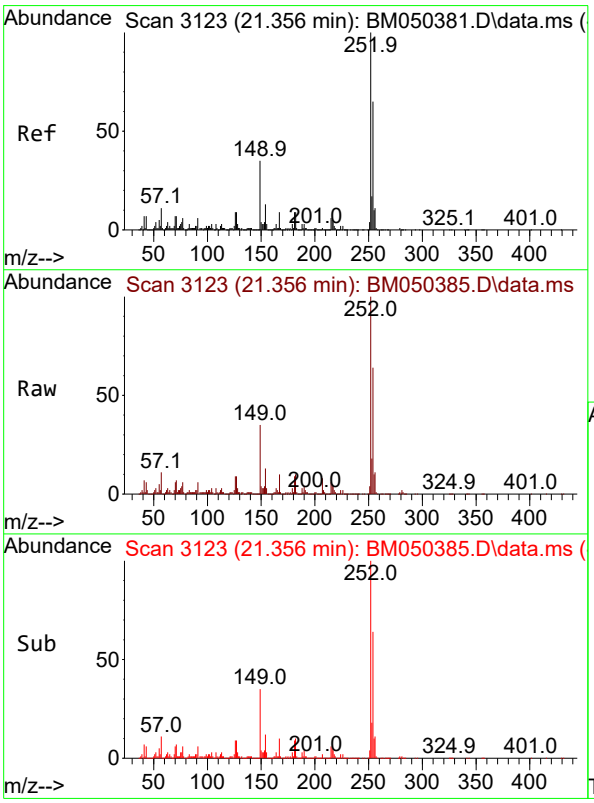
#81
Benzo(a)anthracene
Concen: 42.109 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:228 Resp: 5322771

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.6	16.0	24.0

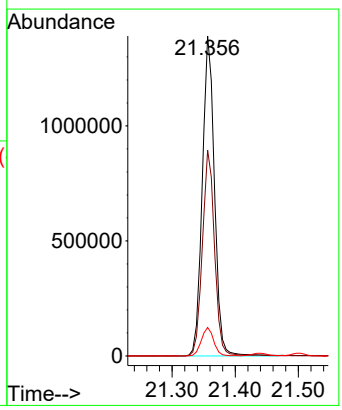


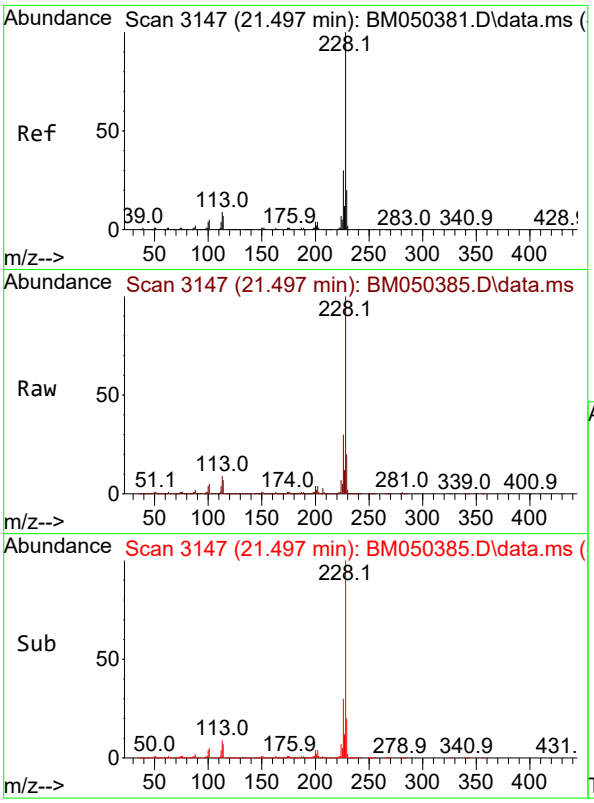


#82
3,3'-Dichlorobenzidine
Concen: 43.733 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:252 Resp: 1864267

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	8.9	7.3	10.9



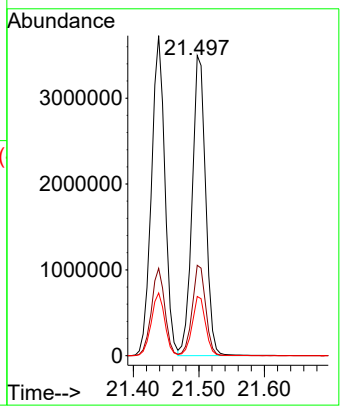


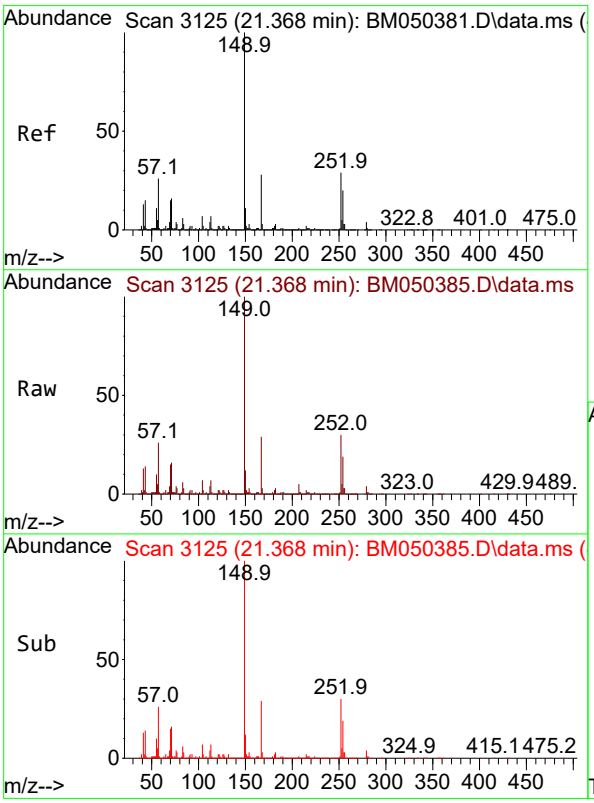
#83
Chrysene
Concen: 41.924 ng
RT: 21.497 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:228 Resp: 4998506

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	19.8	15.8	23.6

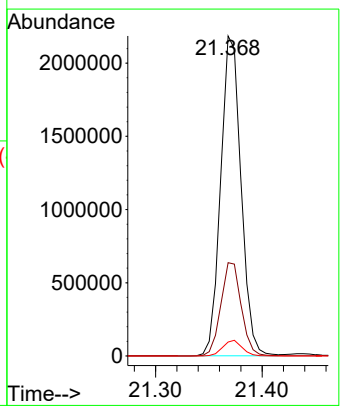


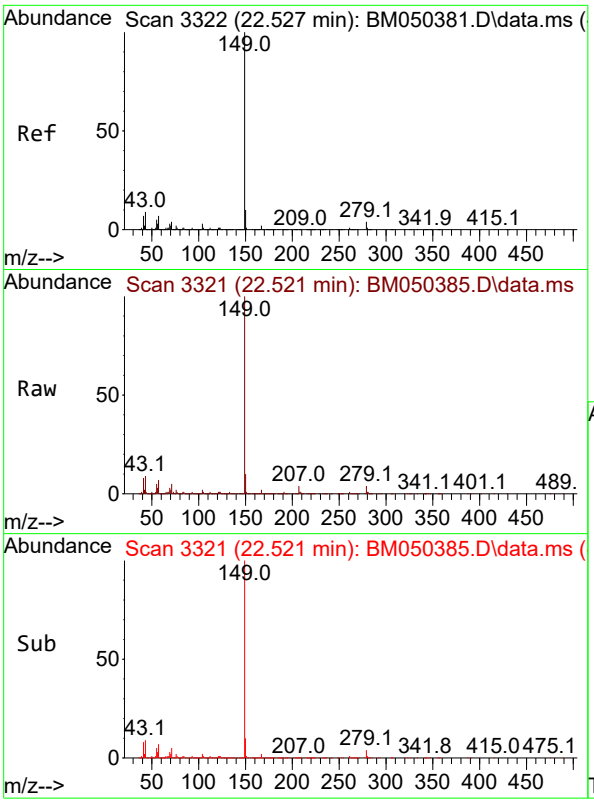


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.481 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 2892877

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.7	34.1
279	4.4	3.5	5.3



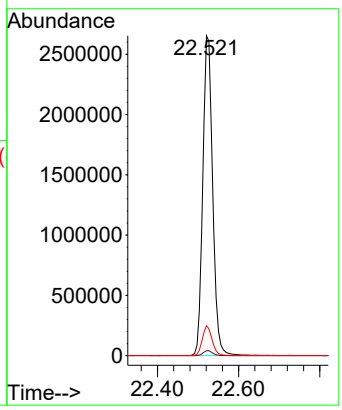


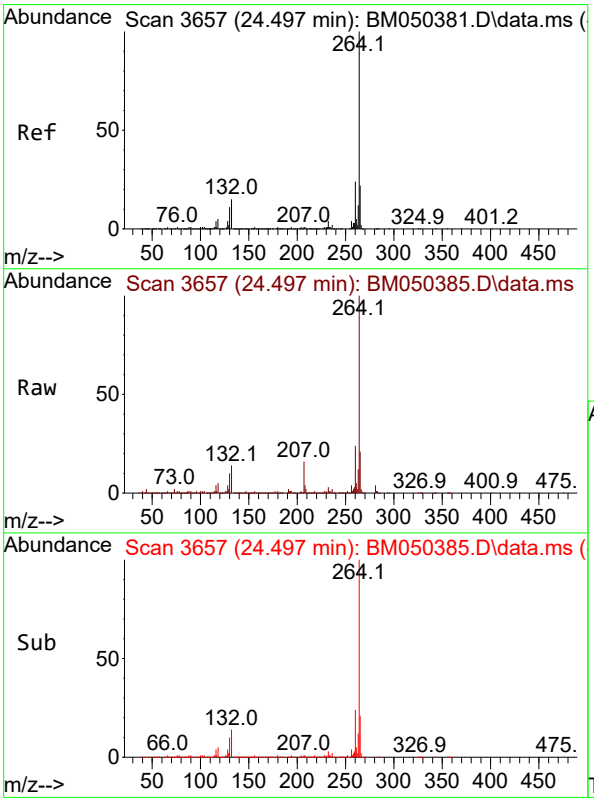
#85
Di-n-octyl phthalate
Concen: 43.760 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:149 Resp: 4457449

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.3	7.7	11.5

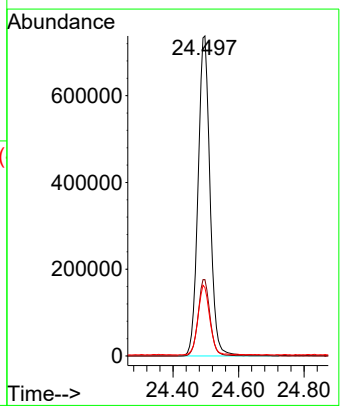


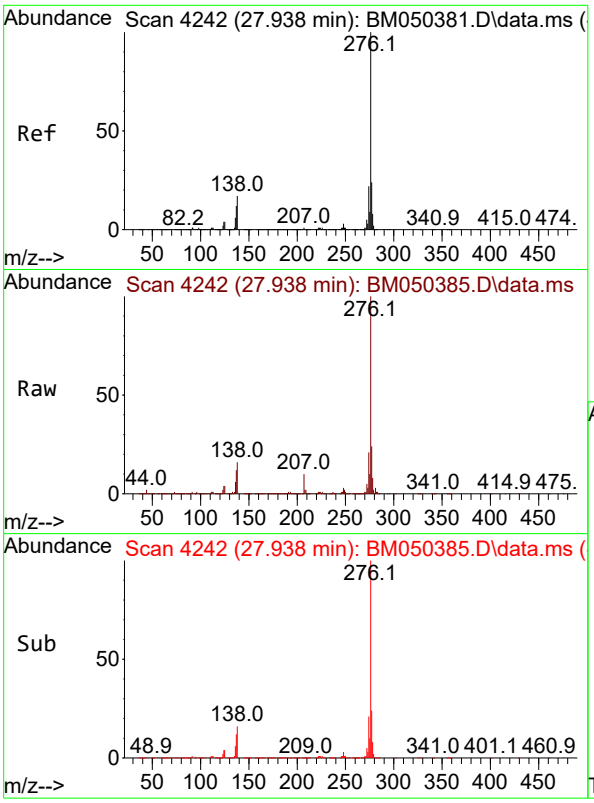


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:264 Resp: 1874427

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.8	26.6



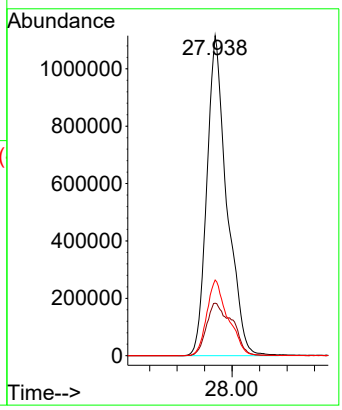


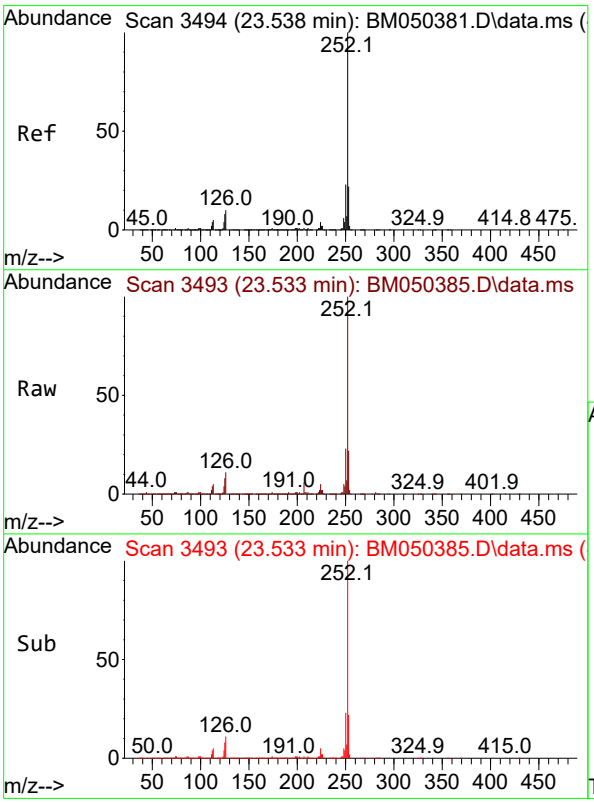
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.377 ng
RT: 27.938 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:276 Resp: 5647629

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.0	25.6
277	25.0	20.0	30.0

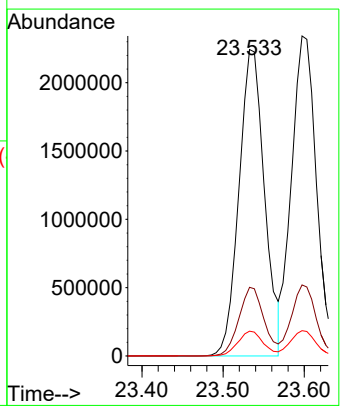


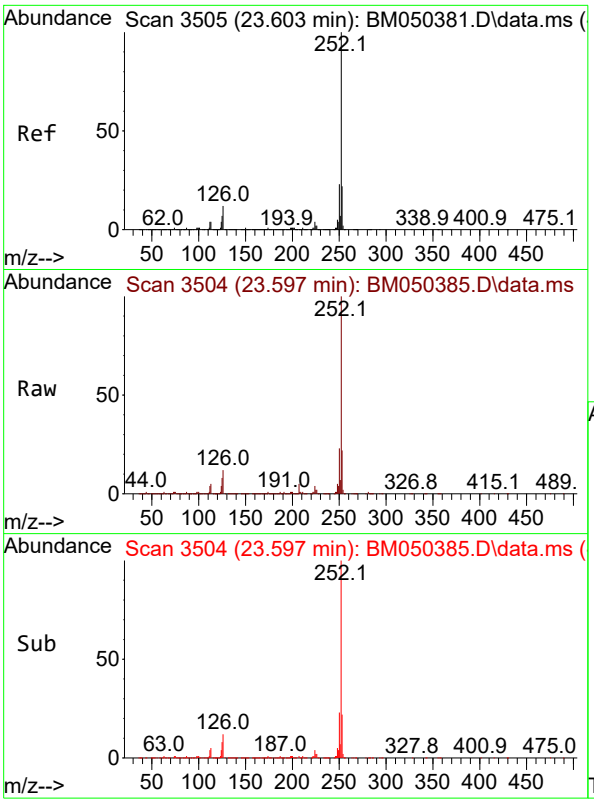


#88
Benzo(b)fluoranthene
Concen: 42.558 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:252 Resp: 4906807

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.1	6.3	9.5



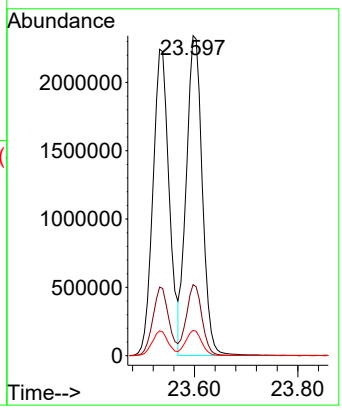


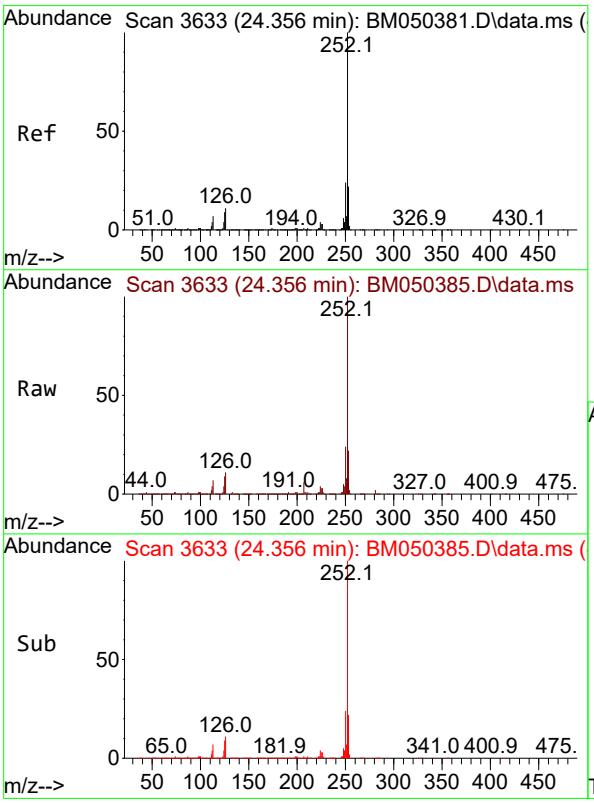
#89
Benzo(k)fluoranthene
Concen: 41.883 ng
RT: 23.597 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:252 Resp: 5010695

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	7.9	6.2	9.2

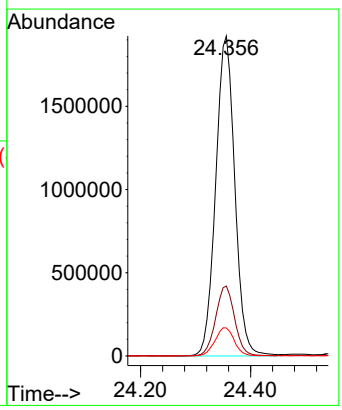


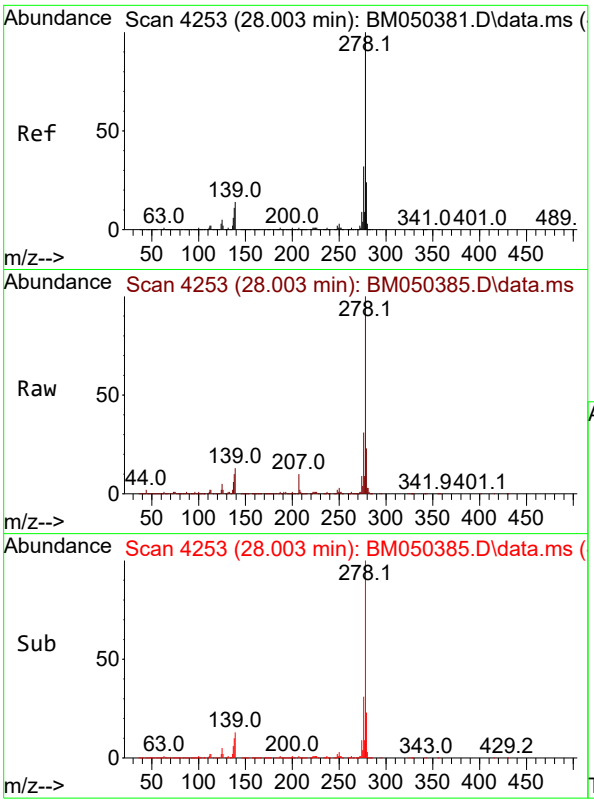


#90
Benzo(a)pyrene
Concen: 42.933 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:252 Resp: 4633762

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.8	7.0	10.4



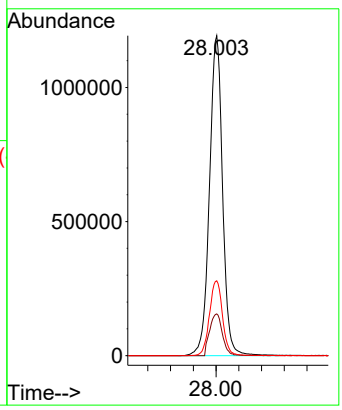


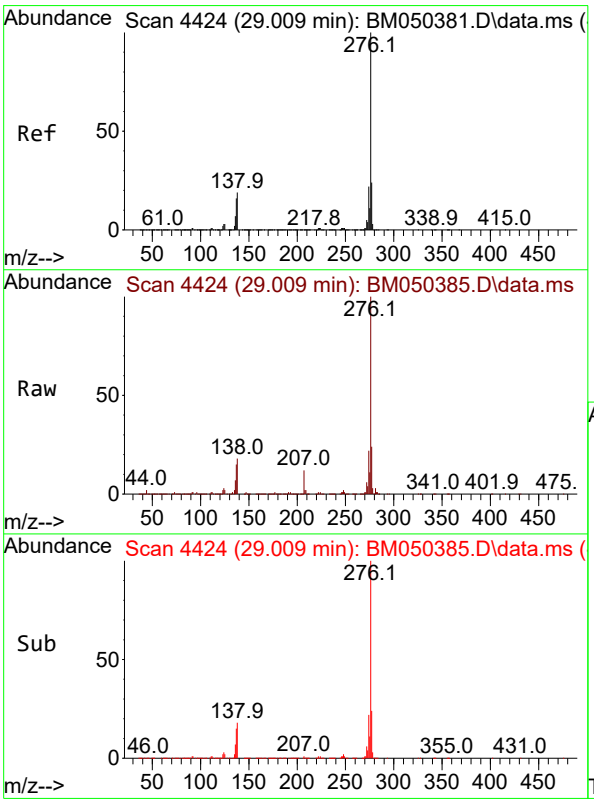
#91
Dibenzo(a,h)anthracene
Concen: 42.521 ng
RT: 28.003 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:278 Resp: 4772470

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.8	16.2
279	23.4	19.4	29.0

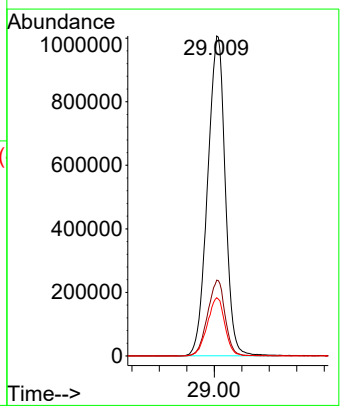




#92
Benzo(g,h,i)perylene
Concen: 42.197 ng
RT: 29.009 min Scan# 4424
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:276 Resp: 4476118

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	18.2	14.9	22.3



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
2		1,4-Dioxane	0.478	0.454	5.0	102	0.00
3		Pyridine	1.254	1.289	-2.8	109	0.00
4		n-Nitrosodimethylamine	0.585	0.597	-2.1	108	0.00
5	S	2-Fluorophenol	1.162	1.160	0.2	104	0.00
6		Aniline	1.880	2.000	-6.4	110	0.00
7	S	Phenol-d6	1.465	1.477	-0.8	104	0.00
8		2-Chlorophenol	1.225	1.315	-7.3	112	0.00
9		Benzaldehyde	0.871	0.988	-13.4	114	0.00
10	C	Phenol	1.528	1.608	-5.2	111	0.00
11		bis(2-Chloroethyl)ether	1.223	1.292	-5.6	112	0.00
12		1,3-Dichlorobenzene	1.490	1.559	-4.6	112	0.00
13	C	1,4-Dichlorobenzene	1.521	1.582	-4.0	112	0.00
14		1,2-Dichlorobenzene	1.456	1.510	-3.7	111	0.00
15		Benzyl Alcohol	1.032	1.098	-6.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	1.802	1.851	-2.7	110	0.00
17		2-Methylphenol	0.991	1.058	-6.8	111	0.00
18		Hexachloroethane	0.535	0.560	-4.7	112	0.00
19	P	n-Nitroso-di-n-propylamine	0.887	0.980	-10.5	111	0.00
20		3+4-Methylphenols	1.330	1.406	-5.7	110	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	104	0.00
22		Acetophenone	0.500	0.529	-5.8	112	0.00
23	S	Nitrobenzene-d5	0.392	0.358	8.7	95	0.00
24		Nitrobenzene	0.350	0.366	-4.6	110	0.00
25		Isophorone	0.636	0.682	-7.2	111	0.00
26	C	2-Nitrophenol	0.143	0.166	-16.1	117	0.00
27		2,4-Dimethylphenol	0.303	0.322	-6.3	112	0.00
28		bis(2-Chloroethoxy)methane	0.422	0.441	-4.5	110	0.00
29	C	2,4-Dichlorophenol	0.312	0.336	-7.7	112	0.00
30		1,2,4-Trichlorobenzene	0.373	0.392	-5.1	112	0.00
31		Naphthalene	1.016	1.048	-3.1	110	0.00
32		Benzoic acid	0.165	0.191	-15.8	121	0.00
33		4-Chloroaniline	0.429	0.455	-6.1	110	0.00
34	C	Hexachlorobutadiene	0.228	0.241	-5.7	113	0.00
35		Caprolactam	0.085	0.092	-8.2	110	0.00
36	C	4-Chloro-3-methylphenol	0.291	0.315	-8.2	111	0.00
37		2-Methylnaphthalene	0.641	0.684	-6.7	112	0.00
38		1-Methylnaphthalene	0.679	0.718	-5.7	111	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	104	0.00
40		1,2,4,5-Tetrachlorobenzene	0.636	0.681	-7.1	114	0.00
41	P	Hexachlorocyclopentadiene	0.407	0.437	-7.4	115	0.00
42	S	2,4,6-Tribromophenol	0.243	0.255	-4.9	107	0.00
43	C	2,4,6-Trichlorophenol	0.391	0.426	-9.0	113	0.00
44		2,4,5-Trichlorophenol	0.428	0.465	-8.6	113	0.00
45	S	2-Fluorobiphenyl	1.620	1.431	11.7	94	0.00
46		1,1'-Biphenyl	1.484	1.542	-3.9	112	0.00
47		2-Chloronaphthalene	1.183	1.221	-3.2	111	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.264	0.294	-11.4	110	0.00
49		Acenaphthylene	1.788	1.876	-4.9	110	0.00
50		Dimethylphthalate	1.377	1.433	-4.1	111	0.00
51		2,6-Dinitrotoluene	0.264	0.293	-11.0	112	0.00
52	C	Acenaphthene	1.137	1.181	-3.9	111	0.00
53		3-Nitroaniline	0.281	0.315	-12.1	112	0.00
54	P	2,4-Dinitrophenol	0.121	0.132	-9.1	118	0.00
55		Dibenzofuran	1.751	1.790	-2.2	109	0.00
56	P	4-Nitrophenol	0.242	0.259	-7.0	110	0.00
57		2,4-Dinitrotoluene	0.350	0.401	-14.6	113	0.00
58		Fluorene	1.443	1.494	-3.5	110	0.00
59		2,3,4,6-Tetrachlorophenol	0.360	0.389	-8.1	111	0.00
60		Diethylphthalate	1.315	1.368	-4.0	109	0.00
61		4-Chlorophenyl-phenylether	0.754	0.798	-5.8	111	0.00
62		4-Nitroaniline	0.288	0.322	-11.8	108	0.00
63		Azobenzene	1.208	1.254	-3.8	108	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	104	0.00
65		4,6-Dinitro-2-methylphenol	0.095	0.105	-10.5	117	0.00
66	c	n-Nitrosodiphenylamine	0.626	0.660	-5.4	110	0.00
67		4-Bromophenyl-phenylether	0.220	0.236	-7.3	112	0.00
68		Hexachlorobenzene	0.260	0.276	-6.2	111	0.00
69		Atrazine	0.206	0.227	-10.2	111	0.00
70	C	Pentachlorophenol	0.162	0.174	-7.4	112	0.00
71		Phenanthrene	1.132	1.171	-3.4	110	0.00
72		Anthracene	1.127	1.192	-5.8	110	0.00
73		Carbazole	1.019	1.065	-4.5	109	0.00
74		Di-n-butylphthalate	1.116	1.206	-8.1	109	0.00
75	C	Fluoranthene	1.230	1.306	-6.2	110	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77		Benzidine	0.510	0.677	-32.7#	125	0.00
78		Pyrene	1.281	1.353	-5.6	109	0.00
79	S	Terphenyl-d14	1.137	1.125	1.1	91	0.00
80		Butylbenzylphthalate	0.422	0.477	-13.0	110	0.00
81		Benzo(a)anthracene	1.303	1.372	-5.3	109	0.00
82		3,3'-Dichlorobenzidine	0.439	0.480	-9.3	114	0.00
83		Chrysene	1.229	1.288	-4.8	109	0.00
84		Bis(2-ethylhexyl)phthalate	0.670	0.746	-11.3	108	0.00
85	c	Di-n-octyl phthalate	1.050	1.149	-9.4	111	0.00
86	I	Perylene-d12	1.000	1.000	0.0	102	0.00
87		Indeno(1,2,3-cd)pyrene	1.422	1.506	-5.9	108	0.00
88		Benzo(b)fluoranthene	1.230	1.309	-6.4	108	0.00
89		Benzo(k)fluoranthene	1.276	1.337	-4.8	108	0.00
90	C	Benzo(a)pyrene	1.152	1.236	-7.3	109	0.00
91		Dibenzo(a,h)anthracene	1.198	1.273	-6.3	109	0.00
92		Benzo(g,h,i)perylene	1.132	1.194	-5.5	108	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
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Instrument :
BNA_M
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ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	104	0.00
2		1,4-Dioxane	40.000	37.994	5.0	102	0.00
3		Pyridine	40.000	41.118	-2.8	109	0.00
4		n-Nitrosodimethylamine	40.000	40.835	-2.1	108	0.00
5	S	2-Fluorophenol	80.000	79.859	0.2	104	0.00
6		Aniline	40.000	42.568	-6.4	110	0.00
7	S	Phenol-d6	80.000	80.660	-0.8	104	0.00
8		2-Chlorophenol	40.000	42.935	-7.3	112	0.00
9		Benzaldehyde	40.000	45.376	-13.4	114	0.00
10	C	Phenol	40.000	42.114	-5.3	111	0.00
11		bis(2-Chloroethyl)ether	40.000	42.240	-5.6	112	0.00
12		1,3-Dichlorobenzene	40.000	41.848	-4.6	112	0.00
13	C	1,4-Dichlorobenzene	40.000	41.609	-4.0	112	0.00
14		1,2-Dichlorobenzene	40.000	41.478	-3.7	111	0.00
15		Benzyl Alcohol	40.000	42.555	-6.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	41.095	-2.7	110	0.00
17		2-Methylphenol	40.000	42.726	-6.8	111	0.00
18		Hexachloroethane	40.000	41.906	-4.8	112	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	44.168	-10.4	111	0.00
20		3+4-Methylphenols	40.000	42.276	-5.7	110	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	104	0.00
22		Acetophenone	40.000	42.290	-5.7	112	0.00
23	S	Nitrobenzene-d5	80.000	73.139	8.6	95	0.00
24		Nitrobenzene	40.000	41.860	-4.6	110	0.00
25		Isophorone	40.000	42.909	-7.3	111	0.00
26	C	2-Nitrophenol	40.000	46.488	-16.2	117	0.00
27		2,4-Dimethylphenol	40.000	42.470	-6.2	112	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.880	-4.7	110	0.00
29	C	2,4-Dichlorophenol	40.000	43.061	-7.7	112	0.00
30		1,2,4-Trichlorobenzene	40.000	42.001	-5.0	112	0.00
31		Naphthalene	40.000	41.281	-3.2	110	0.00
32		Benzoic acid	40.000	41.913	-4.8	121	0.00
33		4-Chloroaniline	40.000	42.424	-6.1	110	0.00
34	C	Hexachlorobutadiene	40.000	42.386	-6.0	113	0.00
35		Caprolactam	40.000	43.156	-7.9	110	0.00
36	C	4-Chloro-3-methylphenol	40.000	43.312	-8.3	111	0.00
37		2-Methylnaphthalene	40.000	42.637	-6.6	112	0.00
38		1-Methylnaphthalene	40.000	42.292	-5.7	111	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	104	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	42.859	-7.1	114	0.00
41	P	Hexachlorocyclopentadiene	40.000	43.015	-7.5	115	0.00
42	S	2,4,6-Tribromophenol	80.000	83.788	-4.7	107	0.00
43	C	2,4,6-Trichlorophenol	40.000	43.485	-8.7	113	0.00
44		2,4,5-Trichlorophenol	40.000	43.542	-8.9	113	0.00
45	S	2-Fluorobiphenyl	80.000	70.689	11.6	94	0.00
46		1,1'-Biphenyl	40.000	41.557	-3.9	112	0.00
47		2-Chloronaphthalene	40.000	41.272	-3.2	111	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	44.497	-11.2	110	0.00
49		Acenaphthylene	40.000	41.972	-4.9	110	0.00
50		Dimethylphthalate	40.000	41.635	-4.1	111	0.00
51		2,6-Dinitrotoluene	40.000	44.405	-11.0	112	0.00
52	C	Acenaphthene	40.000	41.562	-3.9	111	0.00
53		3-Nitroaniline	40.000	44.871	-12.2	112	0.00
54	P	2,4-Dinitrophenol	40.000	39.797	0.5	118	0.00
55		Dibenzofuran	40.000	40.877	-2.2	109	0.00
56	P	4-Nitrophenol	40.000	42.822	-7.1	110	0.00
57		2,4-Dinitrotoluene	40.000	40.905	-2.3	113	0.00
58		Fluorene	40.000	41.425	-3.6	110	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	43.229	-8.1	111	0.00
60		Diethylphthalate	40.000	41.609	-4.0	109	0.00
61		4-Chlorophenyl-phenylether	40.000	42.288	-5.7	111	0.00
62		4-Nitroaniline	40.000	40.288	-0.7	108	0.00
63		Azobenzene	40.000	41.531	-3.8	108	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	104	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.334	-0.8	117	0.00
66	c	n-Nitrosodiphenylamine	40.000	42.198	-5.5	110	0.00
67		4-Bromophenyl-phenylether	40.000	42.755	-6.9	112	0.00
68		Hexachlorobenzene	40.000	42.380	-6.0	111	0.00
69		Atrazine	40.000	44.212	-10.5	111	0.00
70	C	Pentachlorophenol	40.000	43.075	-7.7	112	0.00
71		Phenanthrene	40.000	41.373	-3.4	110	0.00
72		Anthracene	40.000	42.316	-5.8	110	0.00
73		Carbazole	40.000	41.806	-4.5	109	0.00
74		Di-n-butylphthalate	40.000	43.247	-8.1	109	0.00
75	C	Fluoranthene	40.000	42.474	-6.2	110	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77		Benzidine	40.000	53.050	-32.6#	125	0.00
78		Pyrene	40.000	42.257	-5.6	109	0.00
79	S	Terphenyl-d14	80.000	79.145	1.1	91	0.00
80		Butylbenzylphthalate	40.000	45.139	-12.8	110	0.00
81		Benzo(a)anthracene	40.000	42.109	-5.3	109	0.00
82		3,3'-Dichlorobenzidine	40.000	43.733	-9.3	114	0.00
83		Chrysene	40.000	41.924	-4.8	109	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.481	-11.2	108	0.00
85	c	Di-n-octyl phthalate	40.000	43.760	-9.4	111	0.00
86	I	Perylene-d12	20.000	20.000	0.0	102	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.377	-5.9	108	0.00
88		Benzo(b)fluoranthene	40.000	42.558	-6.4	108	0.00
89		Benzo(k)fluoranthene	40.000	41.883	-4.7	108	0.00
90	C	Benzo(a)pyrene	40.000	42.933	-7.3	109	0.00
91		Dibenzo(a,h)anthracene	40.000	42.521	-6.3	109	0.00
92		Benzo(g,h,i)perylene	40.000	42.197	-5.5	108	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data

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: CAMP02

Lab Code: ACE SDG No.: Q2543

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.070	1.098	1.179	1.134	1.127	1.129	3.3
Benzaldehyde			0.903	0.894	0.724	0.684	0.769	15.8
Phenol-d6		1.428	1.407	1.520	1.458	1.472	1.473	3.3
Phenol		1.473	1.461	1.551	1.472	1.485	1.497	2.4
bis(2-Chloroethyl)ether		1.187	1.139	1.200	1.122	1.129	1.152	2.9
2-Chlorophenol		1.254	1.207	1.320	1.256	1.250	1.263	2.8
2-Methylphenol		0.887	0.908	1.007	0.969	0.974	0.964	5.1
2,2-oxybis(1-Chloropropane)		1.587	1.520	1.570	1.433	1.462	1.498	4.4
Acetophenone		0.480	0.481	0.502	0.465	0.456	0.473	3.9
3+4-Methylphenols			1.246	1.383	1.334	1.341	1.350	4.5
n-Nitroso-di-n-propylamine	0.815	0.862	0.854	0.938	0.865	0.871	0.874	4.3
Nitrobenzene-d5		0.267	0.277	0.314	0.307	0.308	0.301	6.8
Hexachloroethane		0.476	0.441	0.480	0.460	0.463	0.466	3.0
Nitrobenzene		0.280	0.293	0.319	0.310	0.307	0.306	5.1
Isophorone		0.525	0.534	0.587	0.558	0.571	0.562	4.7
2-Nitrophenol		0.086	0.093	0.117	0.133	0.146	0.128	23.5
2,4-Dimethylphenol		0.199	0.195	0.218	0.208	0.213	0.210	4.8
bis(2-Chloroethoxy)methane		0.378	0.371	0.401	0.374	0.379	0.382	3.2
2,4-Dichlorophenol		0.242	0.263	0.298	0.299	0.304	0.291	9.5
Naphthalene		1.057	1.030	1.081	1.011	1.005	1.030	3.5
4-Chloroaniline		0.358	0.370	0.399	0.390	0.381	0.384	4.6
Hexachlorobutadiene		0.187	0.180	0.188	0.182	0.184	0.185	2.3
Caprolactam			0.087	0.101	0.101	0.098	0.099	7.2
4-Chloro-3-methylphenol		0.259	0.279	0.321	0.309	0.309	0.304	8.3
2-Methylnaphthalene		0.724	0.711	0.766	0.718	0.715	0.727	3.0
Hexachlorocyclopentadiene			0.120	0.135	0.149	0.162	0.150	13.1
2,4,6-Trichlorophenol		0.271	0.295	0.355	0.370	0.368	0.348	13.5
2-Fluorobiphenyl		1.338	1.310	1.361	1.279	1.260	1.291	4.7
2,4,5-Trichlorophenol		0.326	0.349	0.406	0.411	0.412	0.394	10.4
1,1-Biphenyl		1.482	1.436	1.510	1.454	1.435	1.455	3.0
2-Chloronaphthalene		1.097	1.089	1.141	1.091	1.069	1.094	2.8
2-Nitroaniline		0.157	0.185	0.235	0.259	0.259	0.237	20.5
Dimethylphthalate		1.364	1.376	1.469	1.408	1.365	1.400	4.0
Acenaphthylene		1.582	1.622	1.771	1.701	1.660	1.674	4.4

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: CAMP02

Lab Code: ACE SDG No.: Q2543

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.199	0.238	0.281	0.295	0.291	0.273	14.6
3-Nitroaniline		0.204	0.248	0.297	0.321	0.310	0.293	16.8
Acenaphthene		1.085	1.074	1.142	1.066	1.047	1.079	3.6
2,4-Dinitrophenol			0.077	0.098	0.117	0.120	0.114	20.5
4-Nitrophenol			0.212	0.260	0.285	0.274	0.270	11.7
Dibenzofuran		1.829	1.814	1.866	1.768	1.720	1.781	4.1
2,4-Dinitrotoluene		0.231	0.285	0.364	0.392	0.387	0.356	20.1
Diethylphthalate		1.368	1.376	1.468	1.429	1.366	1.406	3.6
4-Chlorophenyl-phenylether		0.711	0.687	0.710	0.679	0.659	0.682	4.5
Fluorene		1.382	1.384	1.467	1.393	1.335	1.377	4.3
4-Nitroaniline		0.221	0.267	0.321	0.342	0.319	0.307	15.3
4,6-Dinitro-2-methylphenol			0.054	0.069	0.081	0.089	0.082	21.3
n-Nitrosodiphenylamine		0.557	0.548	0.597	0.573	0.574	0.572	3.1
2,4,6-Tribromophenol		0.194	0.214	0.240	0.246	0.244	0.236	10.2
4-Bromophenyl-phenylether		0.191	0.190	0.213	0.205	0.208	0.205	5.1
Hexachlorobenzene		0.255	0.240	0.255	0.247	0.248	0.250	2.3
Atrazine		0.155	0.167	0.183	0.172	0.171	0.168	6.1
Pentachlorophenol			0.131	0.163	0.172	0.178	0.169	12.0
Phenanthrene		1.102	1.084	1.104	1.068	1.030	1.069	3.3
Anthracene		0.998	0.996	1.092	1.036	1.021	1.025	4.1
Carbazole		0.954	0.994	1.057	1.029	0.990	1.002	3.5
Di-n-butylphthalate		0.929	0.994	1.147	1.187	1.177	1.116	9.9
Fluoranthene		1.170	1.222	1.330	1.290	1.249	1.249	4.2
Pyrene		1.177	1.184	1.288	1.231	1.251	1.239	3.8
Terphenyl-d14		0.943	0.919	0.978	0.914	0.915	0.910	7.5
Butylbenzylphthalate		0.228	0.276	0.377	0.440	0.471	0.402	28.0
3,3-Dichlorobenzidine			0.249	0.340	0.390	0.399	0.365	17.0
Benzo(a)anthracene		1.146	1.175	1.293	1.217	1.207	1.212	4.1
Chrysene		1.169	1.147	1.223	1.159	1.157	1.166	2.9
Bis(2-ethylhexyl)phthalate		0.460	0.520	0.646	0.703	0.737	0.650	17.9
Di-n-octyl phthalate			0.609	0.876	1.094	1.206	1.054	25.0
Benzo(b)fluoranthene		1.029	1.063	1.215	1.201	1.188	1.164	7.4
Benzo(k)fluoranthene		1.070	1.129	1.249	1.153	1.157	1.158	5.1
Benzo(a)pyrene		0.817	0.868	1.035	1.033	1.035	0.991	10.7
Indeno(1,2,3-cd)pyrene		1.003	1.101	1.318	1.331	1.366	1.274	12.4

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: CAMP02

Lab Code: ACE SDG No.: Q2543

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.840	0.921	1.098	1.097	1.126	1.053	11.7
Benzo(g,h,i)perylene		0.915	0.967	1.126	1.127	1.142	1.088	9.6
1,2,4,5-Tetrachlorobenzene		0.554	0.549	0.584	0.580	0.578	0.575	3.6
1,4-Dioxane		0.470	0.452	0.457	0.435	0.420	0.439	5.0
2,3,4,6-Tetrachlorophenol		0.305	0.318	0.370	0.370	0.363	0.357	9.3

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025071.D 5 =BP025072.D 10 =BP025073.D 20 =BP025074.D 40 =BP025075.D 50 =BP025076.D 60 =BP025077.D 80 =BP0250
78.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.470	0.452	0.457	0.435	0.420	0.428	0.409	0.439	4.99
3)		Pyridine		1.176	1.153	1.243	1.228	1.171	1.239	1.203	1.202	3.00
4)		n-Nitrosodimet...			0.500	0.531	0.506	0.493	0.522	0.500	0.509	2.85
5)	S	2-Fluorophenol		1.070	1.098	1.179	1.134	1.127	1.168	1.127	1.129	3.33
6)		Aniline		1.334	1.324	1.430	1.388	1.371	1.428	1.359	1.376	3.05
7)	S	Phenol-d6		1.428	1.407	1.520	1.458	1.472	1.543	1.482	1.473	3.26
8)		2-Chlorophenol		1.254	1.207	1.320	1.256	1.250	1.294	1.259	1.263	2.83
9)		Benzaldehyde			0.903	0.894	0.724	0.684	0.641		0.769	15.84
10)	C	Phenol		1.473	1.461	1.551	1.472	1.485	1.540	1.493	1.497	2.36
11)		bis(2-Chloroet...		1.187	1.139	1.200	1.122	1.129	1.172	1.115	1.152	2.95
12)		1,3-Dichlorobe...		1.461	1.434	1.485	1.379	1.366	1.413	1.356	1.413	3.48
13)	C	1,4-Dichlorobe...		1.500	1.432	1.505	1.399	1.384	1.424	1.374	1.431	3.70
14)		1,2-Dichlorobe...		1.454	1.388	1.445	1.349	1.329	1.368	1.303	1.377	4.12
15)		Benzyl Alcohol			0.887	0.991	0.957	0.990	1.058	1.015	0.983	5.86
16)		2,2'-oxybis(1-...		1.587	1.520	1.570	1.433	1.462	1.497	1.415	1.498	4.40
17)		2-Methylphenol		0.887	0.908	1.007	0.969	0.974	1.021	0.983	0.964	5.11
18)		Hexachloroethane		0.476	0.441	0.480	0.460	0.463	0.481	0.462	0.466	3.04
19)	P	n-Nitroso-di-n...	0.815	0.862	0.854	0.938	0.865	0.871	0.912	0.872	0.874	4.26
20)		3+4-Methylphenols			1.246	1.383	1.334	1.341	1.428	1.370	1.350	4.55
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.480	0.481	0.502	0.465	0.456	0.480	0.447	0.473	3.88
23)	S	Nitrobenzene-d5		0.267	0.277	0.314	0.307	0.308	0.323	0.308	0.301	6.84
24)		Nitrobenzene		0.280	0.293	0.319	0.310	0.307	0.327	0.308	0.306	5.13
25)		Isophorone		0.525	0.534	0.587	0.558	0.571	0.597	0.561	0.562	4.67
26)	C	2-Nitrophenol		0.086	0.093	0.117	0.133	0.146	0.160	0.159	0.128	23.51
27)		2,4-Dimethylph...		0.199	0.195	0.218	0.208	0.213	0.224	0.210	0.210	4.79
28)		bis(2-Chloroet...		0.378	0.371	0.401	0.374	0.379	0.397	0.371	0.382	3.25
29)	C	2,4-Dichloroph...		0.242	0.263	0.298	0.299	0.304	0.321	0.306	0.291	9.48
30)		1,2,4-Trichlor...		0.319	0.319	0.331	0.319	0.316	0.335	0.314	0.322	2.53
31)		Naphthalene		1.057	1.030	1.081	1.011	1.005	1.049	0.975	1.030	3.47
32)		Benzoic acid			0.115	0.152	0.186	0.199	0.225	0.231	0.185	24.07
33)		4-Chloroaniline		0.358	0.370	0.399	0.390	0.381	0.411	0.381	0.384	4.58
34)	C	Hexachlorobuta...		0.187	0.180	0.188	0.182	0.184	0.191	0.180	0.185	2.31
35)		Caprolactam			0.087	0.101	0.101	0.098	0.108	0.102	0.099	7.23
36)	C	4-Chloro-3-met...		0.259	0.279	0.321	0.309	0.309	0.332	0.316	0.304	8.35
37)		2-Methylnaphth...		0.724	0.711	0.766	0.718	0.715	0.747	0.706	0.727	2.99
38)		1-Methylnaphth...		0.707	0.704	0.753	0.692	0.691	0.736	0.678	0.709	3.74

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.554	0.549	0.584	0.580	0.578	0.610	0.568	0.575	3.56
41)	P	Hexachlorocycl...		0.120	0.135	0.149	0.162	0.171	0.164	0.150	13.13
42)	S	2,4,6-Tribromo...	0.194	0.214	0.240	0.246	0.244	0.266	0.249	0.236	10.22
43)	C	2,4,6-Trichlor...	0.271	0.295	0.355	0.370	0.368	0.399	0.379	0.348	13.51
44)		2,4,5-Trichlor...	0.326	0.349	0.406	0.411	0.412	0.441	0.416	0.394	10.41
45)	S	2-Fluorobiphenyl	1.338	1.310	1.361	1.279	1.260	1.311	1.177	1.291	4.70
46)		1,1'-Biphenyl	1.482	1.436	1.510	1.454	1.435	1.490	1.380	1.455	2.99
47)		2-Chloronaphth...	1.097	1.089	1.141	1.091	1.069	1.121	1.048	1.094	2.83
48)		2-Nitroaniline	0.157	0.185	0.235	0.259	0.259	0.289	0.273	0.237	20.49
49)		Acenaphthylene	1.582	1.622	1.771	1.701	1.660	1.761	1.620	1.674	4.36
50)		Dimethylphthalate	1.364	1.376	1.469	1.408	1.365	1.482	1.337	1.400	3.99
51)		2,6-Dinitrotol...	0.199	0.238	0.281	0.295	0.291	0.313	0.294	0.273	14.58
52)	C	Acenaphthene	1.085	1.074	1.142	1.066	1.047	1.111	1.027	1.079	3.59
53)		3-Nitroaniline	0.204	0.248	0.297	0.321	0.310	0.345	0.323	0.293	16.81
54)	P	2,4-Dinitrophenol		0.077	0.098	0.117	0.120	0.137	0.137	0.114	20.49
55)		Dibenzofuran	1.829	1.814	1.866	1.768	1.720	1.813	1.655	1.781	4.07
56)	P	4-Nitrophenol		0.212	0.260	0.285	0.274	0.301	0.289	0.270	11.73
57)		2,4-Dinitrotol...	0.231	0.285	0.364	0.392	0.387	0.430	0.406	0.356	20.13
58)		Fluorene	1.382	1.384	1.467	1.393	1.335	1.403	1.278	1.377	4.27
59)		2,3,4,6-Tetrac...	0.305	0.318	0.370	0.370	0.363	0.397	0.377	0.357	9.32
60)		Diethylphthalate	1.368	1.376	1.468	1.429	1.366	1.477	1.358	1.406	3.64
61)		4-Chlorophenyl...	0.711	0.687	0.710	0.679	0.659	0.700	0.626	0.682	4.47
62)		4-Nitroaniline	0.221	0.267	0.321	0.342	0.319	0.354	0.324	0.307	15.26
63)		Azobenzene	1.251	1.275	1.328	1.265	1.211	1.265	1.171	1.252	3.98
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.069	0.081	0.089	0.097	0.098	0.082	21.25
66)	c	n-Nitrosodiphe...	0.557	0.548	0.597	0.573	0.574	0.592	0.565	0.572	3.11
67)		4-Bromophenyl-...	0.191	0.190	0.213	0.205	0.208	0.214	0.213	0.205	5.14
68)		Hexachlorobenzene	0.255	0.240	0.255	0.247	0.248	0.257	0.249	0.250	2.28
69)		Atrazine	0.155	0.167	0.183	0.172	0.171	0.172	0.154	0.168	6.10
70)	C	Pentachlorophenol		0.131	0.163	0.172	0.178	0.186	0.184	0.169	12.03
71)		Phenanthrene	1.102	1.084	1.104	1.068	1.030	1.082	1.011	1.069	3.34
72)		Anthracene	0.998	0.996	1.092	1.036	1.021	1.062	0.971	1.025	4.10
73)		Carbazole	0.954	0.994	1.057	1.029	0.990	1.017	0.976	1.002	3.45
74)		Di-n-butylphth...	0.929	0.994	1.147	1.187	1.177	1.228	1.152	1.116	9.89
75)	C	Fluoranthene	1.170	1.222	1.330	1.290	1.249	1.268	1.215	1.249	4.22
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.177	0.354	0.571	0.420	0.288	0.310	0.353	37.82
78)		Pyrene	1.177	1.184	1.288	1.231	1.251	1.302	1.238	1.239	3.81
79)	S	Terphenyl-d14	0.943	0.919	0.978	0.914	0.915	0.936	0.764	0.910	7.50
80)		Butylbenzylpht...	0.228	0.276	0.377	0.440	0.471	0.519	0.499	0.402	28.01
81)		Benzo(a)anthra...	1.146	1.175	1.293	1.217	1.207	1.258	1.189	1.212	4.11
82)		3,3'-Dichlorob...		0.249	0.340	0.390	0.399	0.414	0.397	0.365	16.97
83)		Chrysene	1.169	1.147	1.223	1.159	1.157	1.191	1.118	1.166	2.88
84)		Bis(2-ethylhex...	0.460	0.520	0.646	0.703	0.737	0.764	0.720	0.650	17.89
85)	c	Di-n-octyl pht...		0.609	0.876	1.094	1.206	1.292	1.248	1.054	25.04

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.003	1.101	1.318	1.331	1.366	1.433	1.366	1.274	12.44
88)		Benzo(b)fluora...	1.029	1.063	1.215	1.201	1.188	1.266	1.187	1.164	7.36
89)		Benzo(k)fluora...	1.070	1.129	1.249	1.153	1.157	1.218	1.133	1.158	5.11
90)	C	Benzo(a)pyrene	0.817	0.868	1.035	1.033	1.035	1.108	1.040	0.991	10.70
91)		Dibenzo(a,h)an...	0.840	0.921	1.098	1.097	1.126	1.172	1.118	1.053	11.66
92)		Benzo(g,h,i)pe...	0.915	0.967	1.126	1.127	1.142	1.197	1.142	1.088	9.58

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025071.D
Acq On : 03 Jul 2025 09:39
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 03 15:48:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	360375	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1444138	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	947160	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	1996879	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2099311	20.000	ng	0.00
86) Perylene-d12	24.465	264	2125718	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.231	70	36693	2.331	ng	91

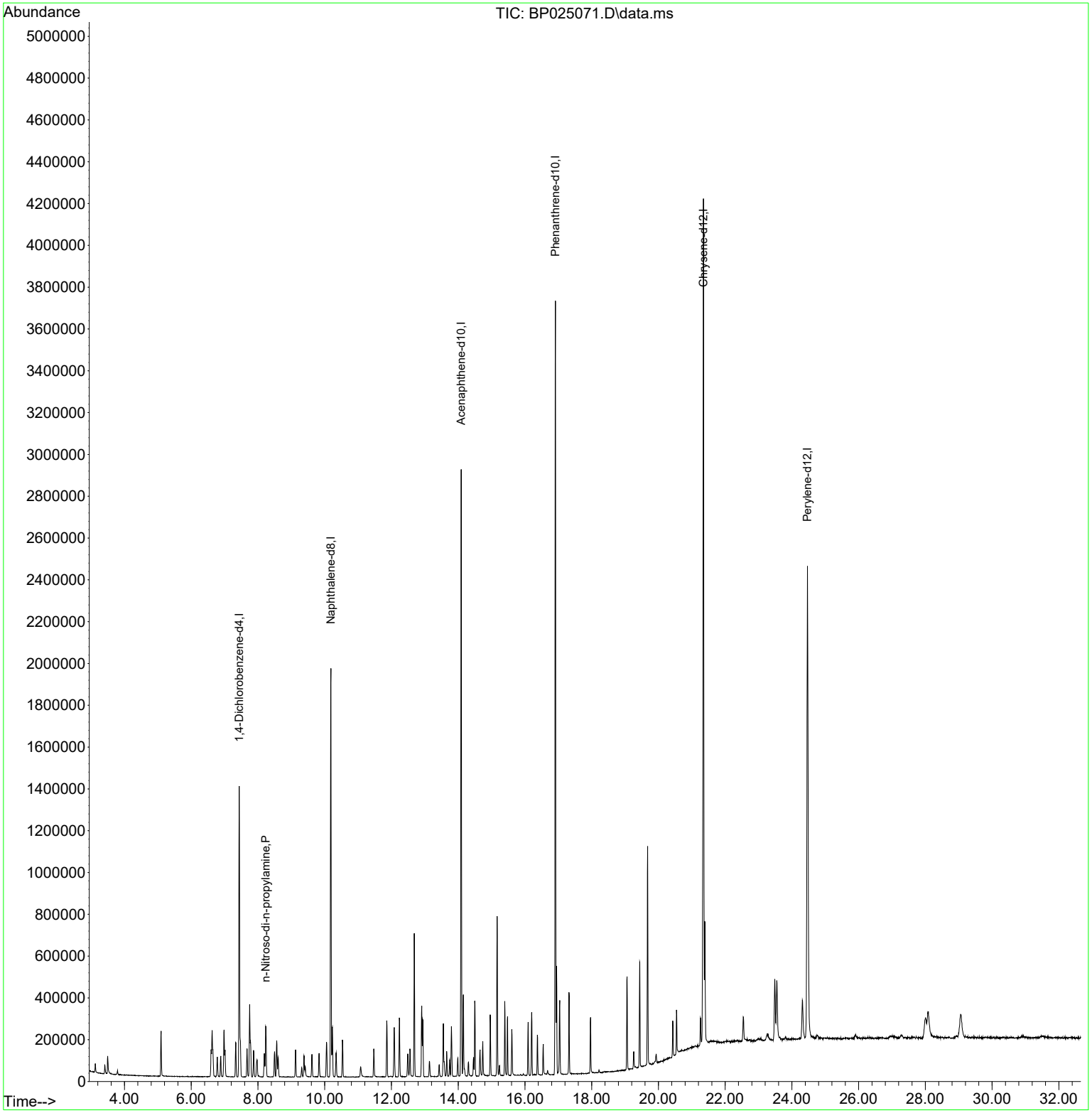
(#) = qualifier out of range (m) = manual integration (+) = signals summed

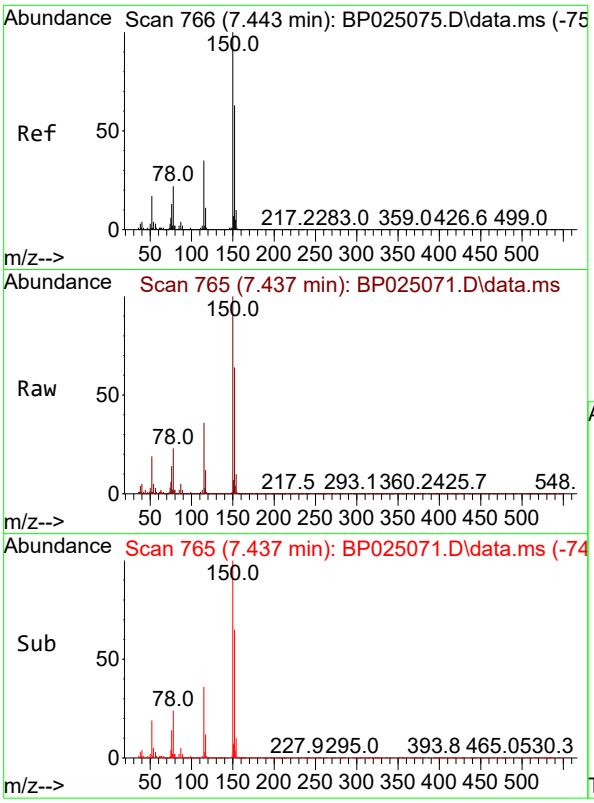
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025071.D
Acq On : 03 Jul 2025 09:39
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 03 15:48:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



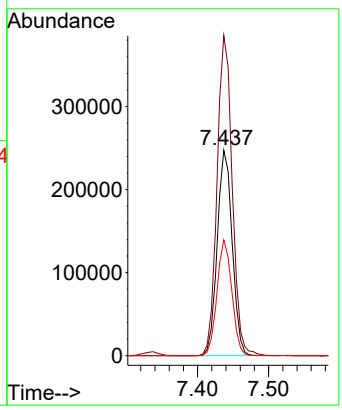


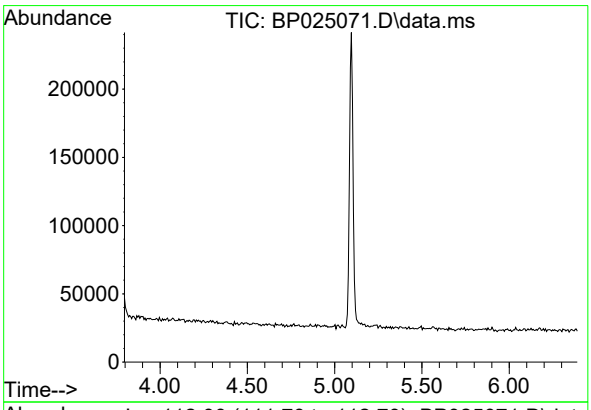
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 360375

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.1	189.1
115	56.3	44.3	66.5



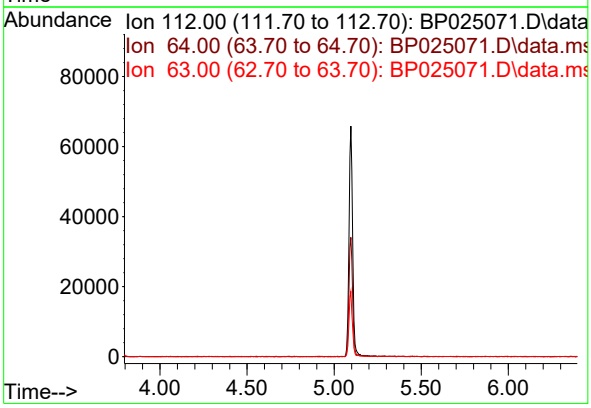


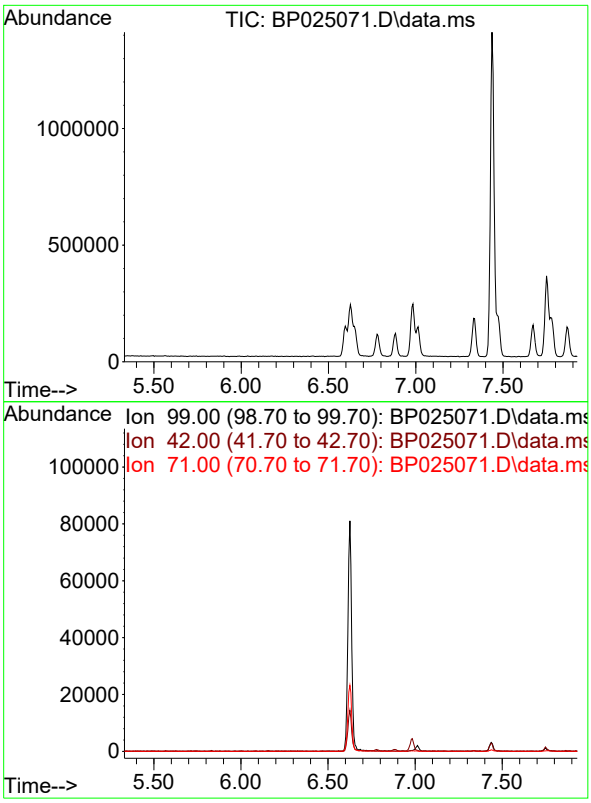
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.10 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	52.5
63	27.7





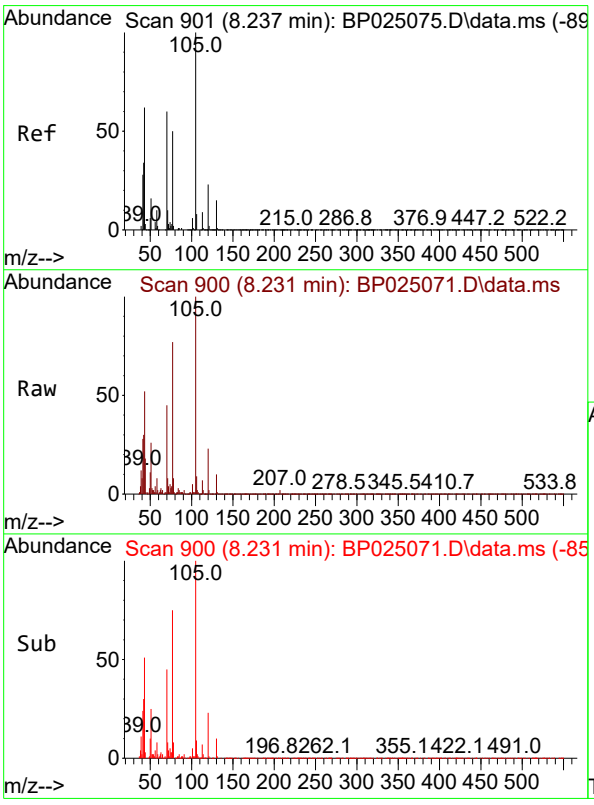
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.63 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

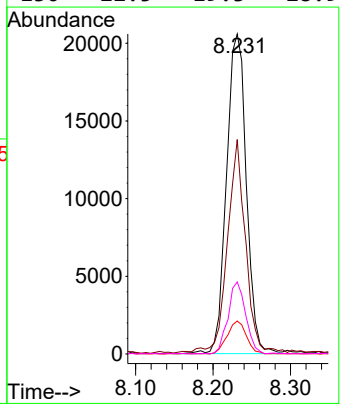
Sig	Exp Ratio
99	100
42	17.0
71	30.5

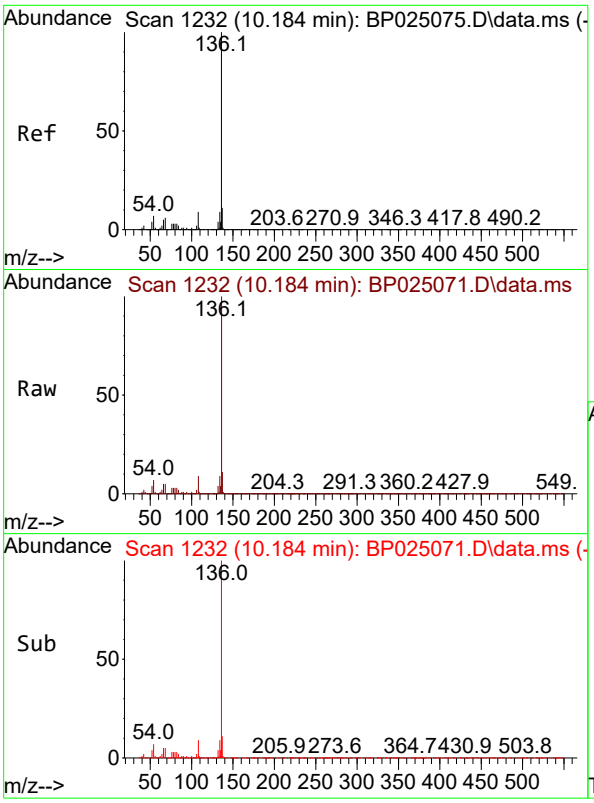


#19
n-Nitroso-di-n-propylamine
Concen: 2.331 ng
RT: 8.231 min Scan# 900
Delta R.T. -0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 70 Resp: 36693

Ion	Ratio	Lower	Upper
70	100		
42	67.0	46.5	69.7
101	10.3	7.9	11.9
130	22.5	19.3	28.9



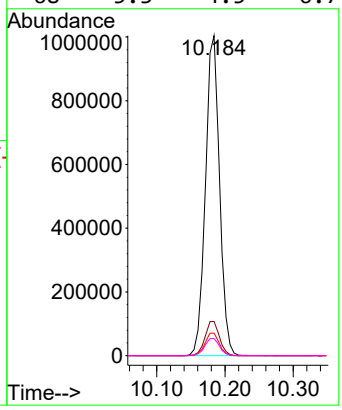


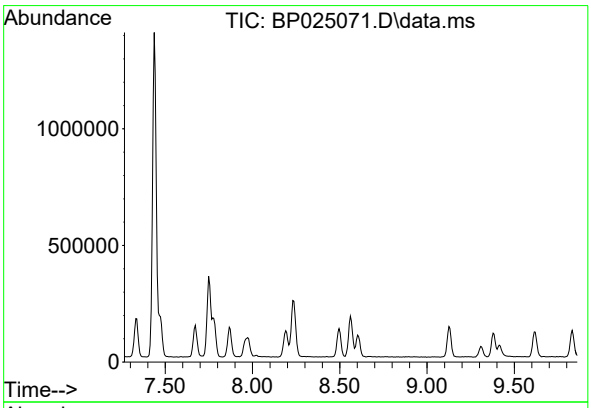
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1444138

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.0	5.4	8.2
68	5.3	4.5	6.7



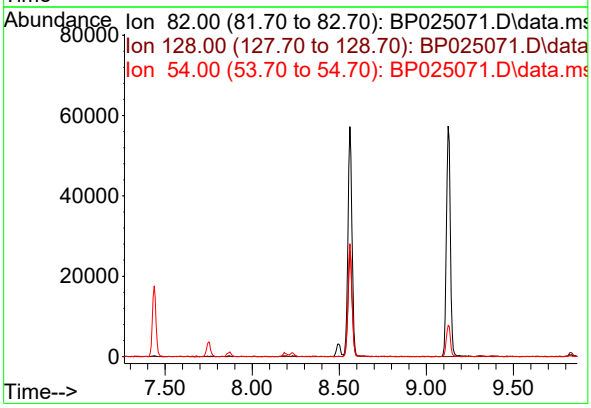


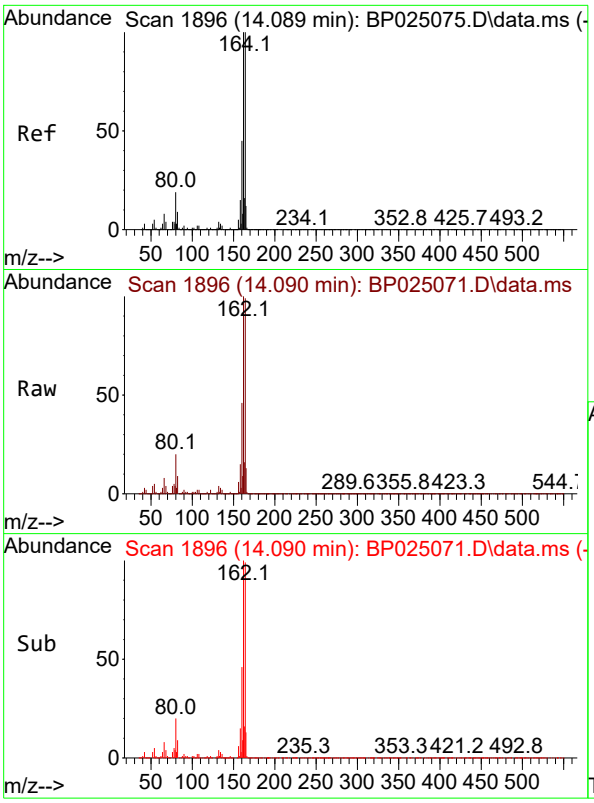
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.57 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	48.0
54	47.2



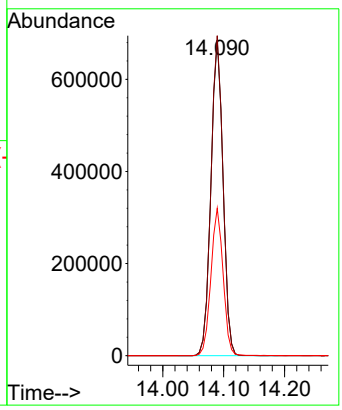


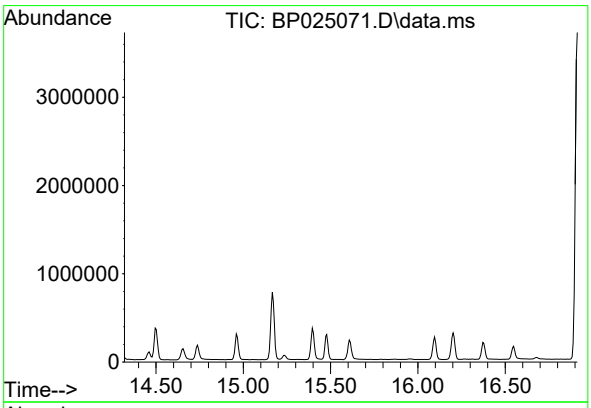
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 947160

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	46.7	35.9	53.9



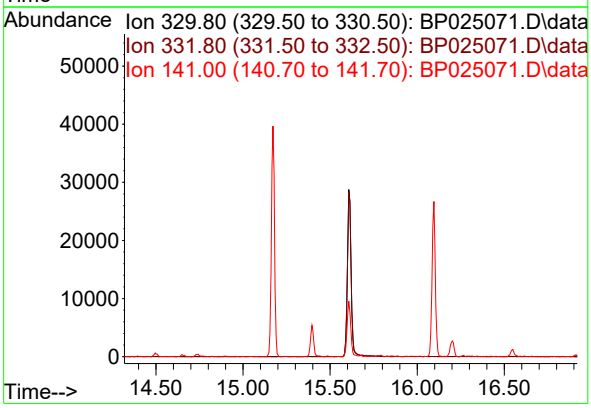


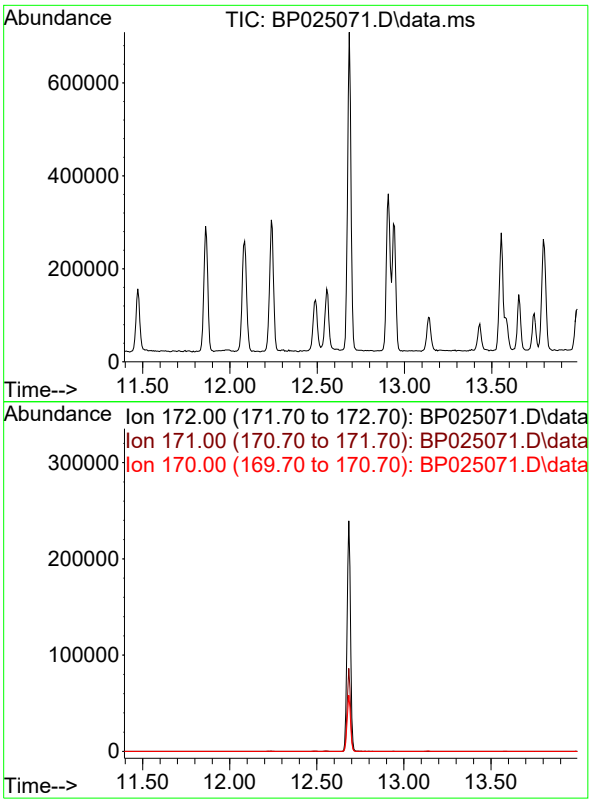
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.62 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.1
141	32.5





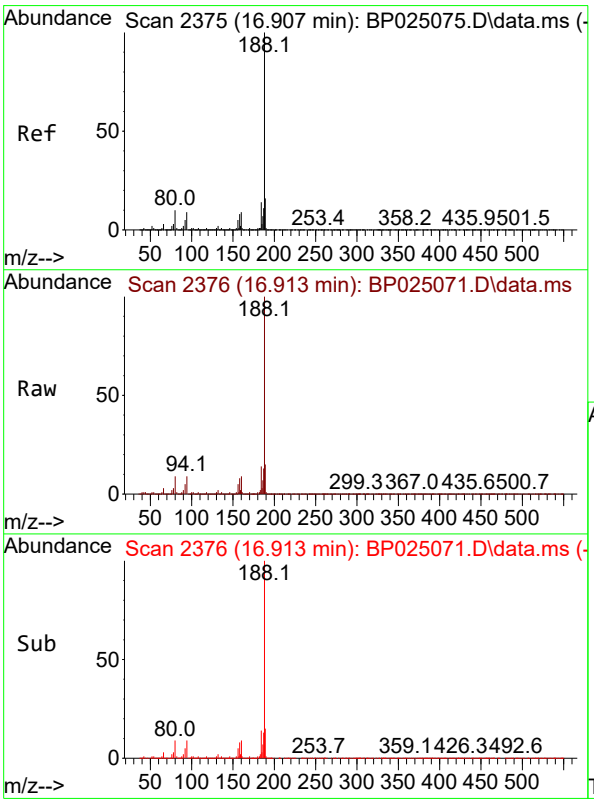
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.70 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

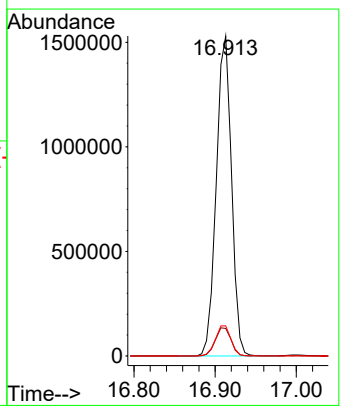
Sig	Exp Ratio
172	100
171	35.2
170	23.4

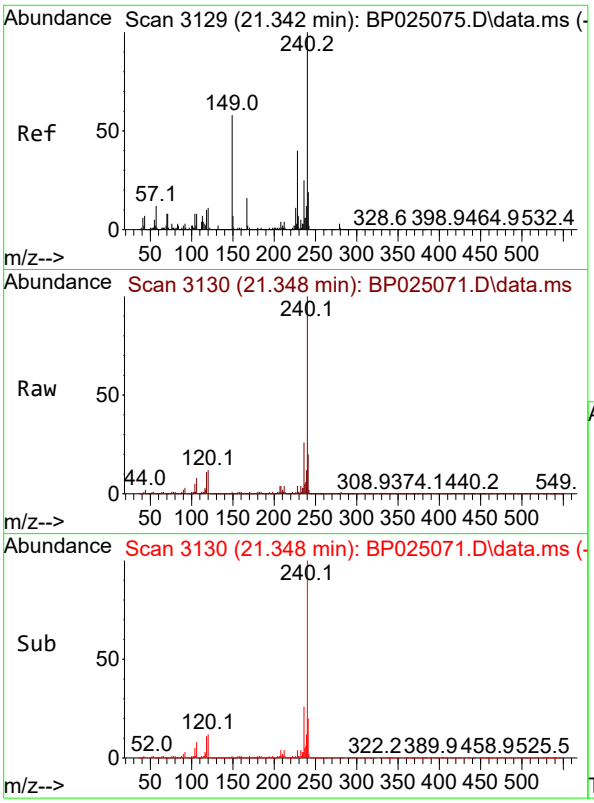


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion:188 Resp: 1996879

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	9.4	7.8	11.6



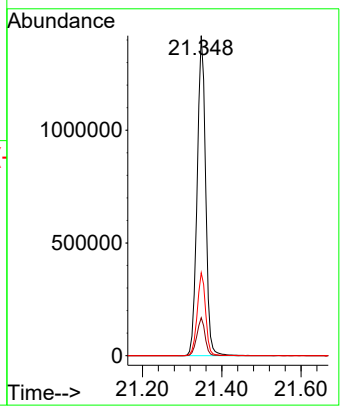


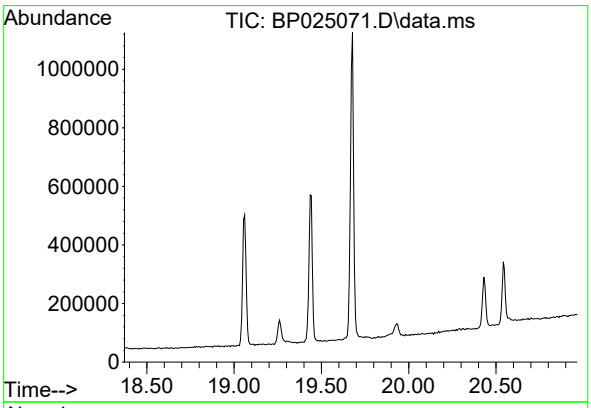
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 2099311

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.4
236	25.9	20.3	30.5



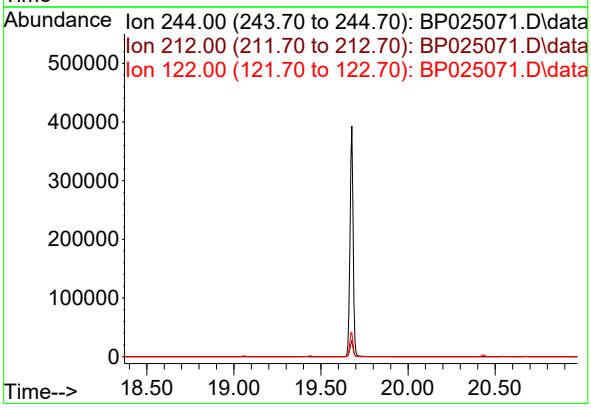


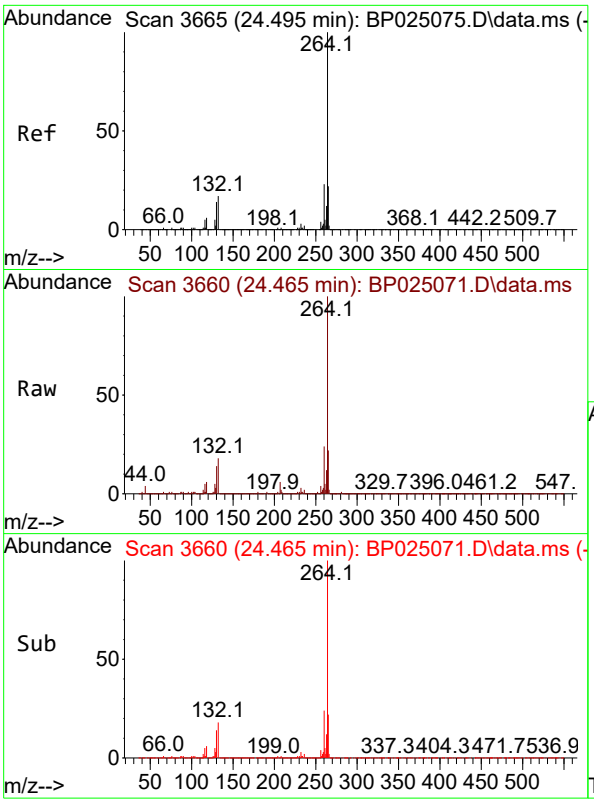
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.67 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.4
122	11.8



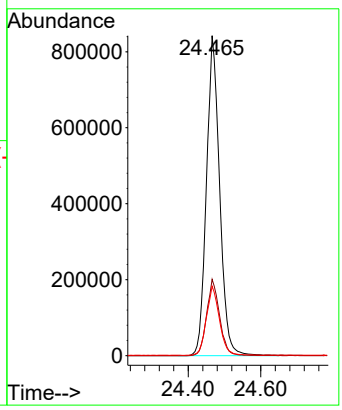


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 2125718

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.7	17.7	26.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	354349	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	1455964	20.000	ng		0.00
39) Acenaphthene-d10	14.095	164	982759	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	1998531	20.000	ng		0.00
76) Chrysene-d12	21.348	240	2143770	20.000	ng		0.00
86) Perylene-d12	24.495	264	2178150	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	189521	9.477	ng		0.00
7) Phenol-d6	6.631	99	252937	9.692	ng		0.00
23) Nitrobenzene-d5	8.566	82	194218	8.871	ng		0.00
42) 2,4,6-Tribromophenol	15.625	330	95353	8.213	ng		0.00
45) 2-Fluorobiphenyl	12.695	172	657518	10.365	ng		0.00
79) Terphenyl-d14	19.683	244	1010825	10.363	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	41667	5.358	ng		98
3) Pyridine	3.496	79	104170	4.896	ng		97
6) Aniline	6.784	93	118174	4.846	ng		99
8) 2-Chlorophenol	7.019	128	111121	4.966	ng		99
10) Phenol	6.655	94	130527	4.922	ng		99
11) bis(2-Chloroethyl)ether	6.884	93	105128	5.151	ng		98
12) 1,3-Dichlorobenzene	7.337	146	129394	5.167	ng		98
13) 1,4-Dichlorobenzene	7.478	146	132919	5.242	ng		99
14) 1,2-Dichlorobenzene	7.784	146	128817	5.282	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.978	45	140624	5.299	ng		97
17) 2-Methylphenol	7.878	107	78577	4.600	ng		96
18) Hexachloroethane	8.501	117	42157	5.104	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	76382	4.935	ng		96
22) Acetophenone	8.243	105	174562	5.070	ng	#	98
24) Nitrobenzene	8.607	77	102014	4.575	ng		97
25) Isophorone	9.137	82	190993	4.668	ng		98
26) 2-Nitrophenol	9.319	139	31408	6.004	ng		98
27) 2,4-Dimethylphenol	9.384	122	72542	4.753	ng		99
28) bis(2-Chloroethoxy)met...	9.619	93	137622	4.954	ng		97
29) 2,4-Dichlorophenol	9.837	162	88262	4.171	ng		98
30) 1,2,4-Trichlorobenzene	10.060	180	116080	4.953	ng		94
31) Naphthalene	10.237	128	384889	5.134	ng		100
33) 4-Chloroaniline	10.348	127	130394	4.661	ng		99
34) Hexachlorobutadiene	10.543	225	67982	5.055	ng		97
36) 4-Chloro-3-methylphenol	11.484	107	94437	4.270	ng		98
37) 2-Methylnaphthalene	11.866	142	263643	4.984	ng		100
38) 1-Methylnaphthalene	12.090	142	257270	4.987	ng		98
40) 1,2,4,5-Tetrachloroben...	12.242	216	136193	4.822	ng		99
43) 2,4,6-Trichlorophenol	12.495	196	66524	3.890	ng		96
44) 2,4,5-Trichlorophenol	12.560	196	80137	4.135	ng		96
46) 1,1'-Biphenyl	12.907	154	364077	5.092	ng		99
47) 2-Chloronaphthalene	12.942	162	269579	5.016	ng		97
48) 2-Nitroaniline	13.142	65	38515	5.521	ng		94
49) Acenaphthylene	13.807	152	388781	4.726	ng		100
50) Dimethylphthalate	13.554	163	335065	4.871	ng		99
51) 2,6-Dinitrotoluene	13.654	165	48991	3.651	ng		88

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.166	154	266690m	5.030	ng		
53) 3-Nitroaniline	13.984	138	50202	3.491	ng	#	87
55) Dibenzofuran	14.507	168	449302	5.135	ng		100
57) 2,4-Dinitrotoluene	14.466	165	56730	5.360	ng	#	97
58) Fluorene	15.166	166	339444	5.016	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	74947	4.270	ng		97
60) Diethylphthalate	14.960	149	336119	4.865	ng		98
61) 4-Chlorophenyl-phenyle...	15.178	204	174567	5.212	ng		97
62) 4-Nitroaniline	15.172	138	54190	3.594	ng		90
63) Azobenzene	15.472	77	307304	4.995	ng		96
66) n-Nitrosodiphenylamine	15.389	169	278113	4.863	ng		98
67) 4-Bromophenyl-phenylether	16.095	248	95310	4.658	ng		93
68) Hexachlorobenzene	16.195	284	127389	5.093	ng		94
69) Atrazine	16.389	200	77424	4.620	ng		99
71) Phenanthrene	16.948	178	550598	5.156	ng		99
72) Anthracene	17.054	178	498692	4.868	ng		99
73) Carbazole	17.330	167	476619	4.758	ng		99
74) Di-n-butylphthalate	17.966	149	464272	4.162	ng		99
75) Fluoranthene	19.054	202	584660	4.684	ng		99
78) Pyrene	19.430	202	630754	4.750	ng		98
80) Butylbenzylphthalate	20.442	149	122350	5.890	ng		93
81) Benzo(a)anthracene	21.330	228	614350	4.729	ng		99
83) Chrysene	21.395	228	626717	5.013	ng		98
84) Bis(2-ethylhexyl)phtha...	21.342	149	246749	3.541	ng		99
87) Indeno(1,2,3-cd)pyrene	28.024	276	546143m	3.935	ng		
88) Benzo(b)fluoranthene	23.507	252	560057	4.418	ng		98
89) Benzo(k)fluoranthene	23.571	252	582662	4.619	ng		99
90) Benzo(a)pyrene	24.354	252	444644	4.121	ng		99
91) Dibenzo(a,h)anthracene	28.112	278	457436	3.988	ng		99
92) Benzo(g,h,i)perylene	29.112	276	498456	4.207	ng		98

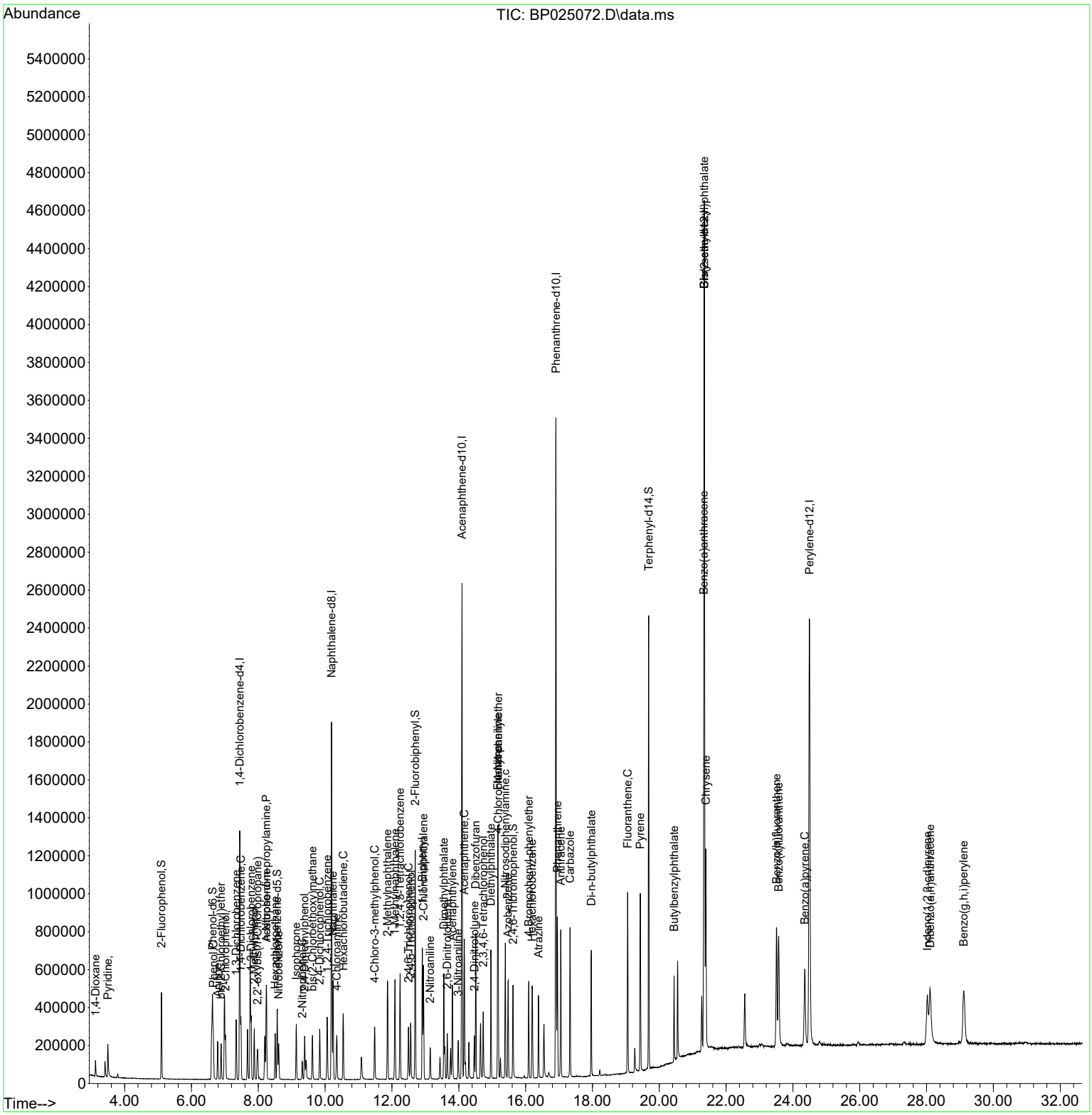
(#) = qualifier out of range (m) = manual integration (+) = signals summed

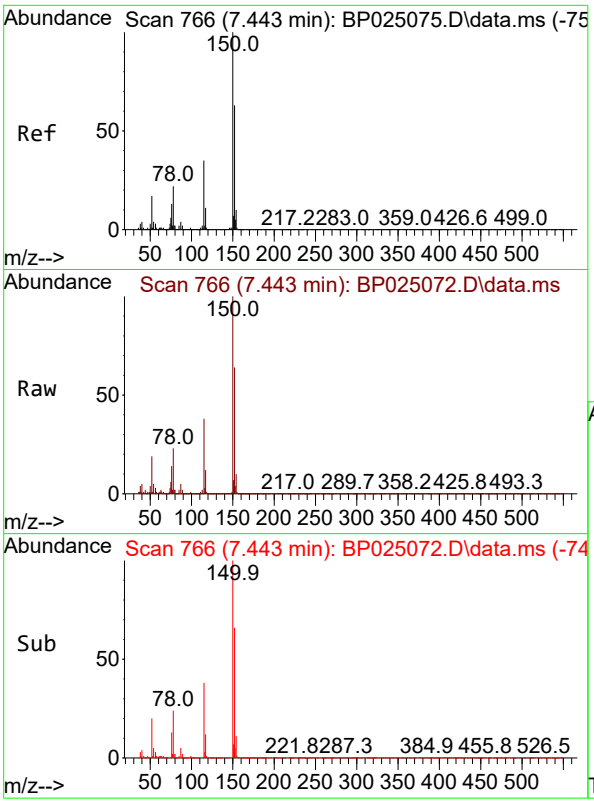
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



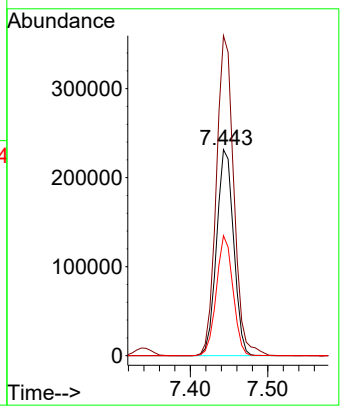


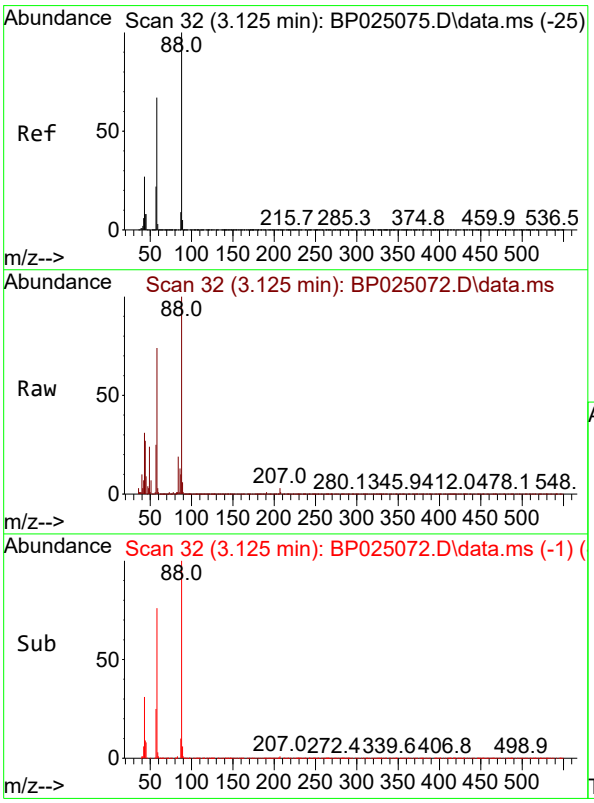
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 354349

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.1	189.1
115	58.2	44.3	66.5

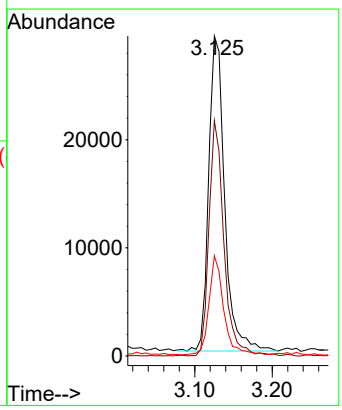


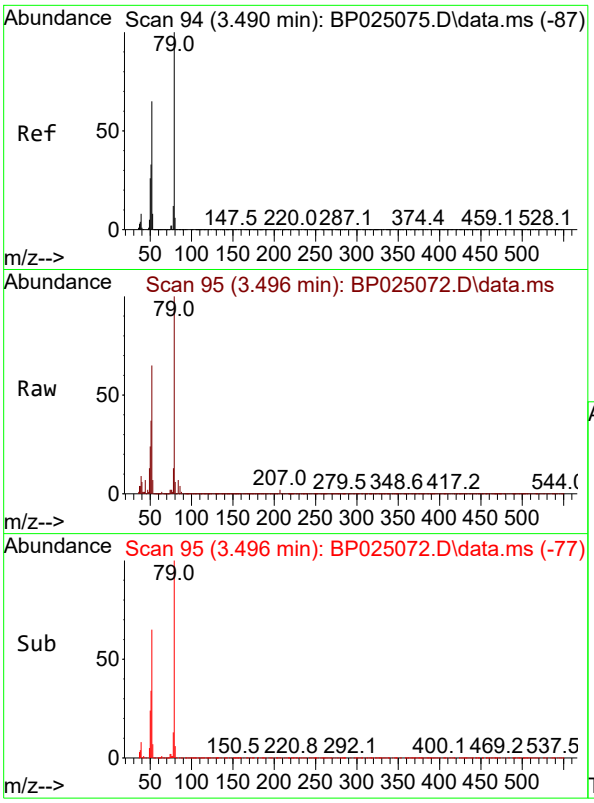


#2
1,4-Dioxane
Concen: 5.358 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 88 Resp: 41667

Ion	Ratio	Lower	Upper
88	100		
58	69.7	55.0	82.4
43	28.9	21.9	32.9



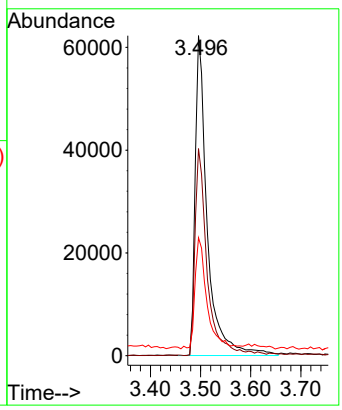


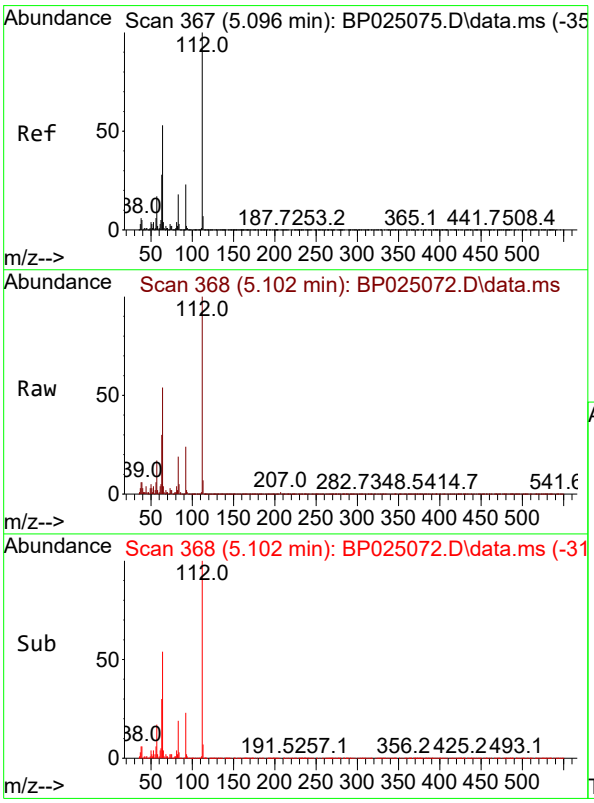
#3
Pyridine
Concen: 4.896 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 104170

Ion	Ratio	Lower	Upper
79	100		
52	64.7	52.2	78.4
51	36.8	26.8	40.2

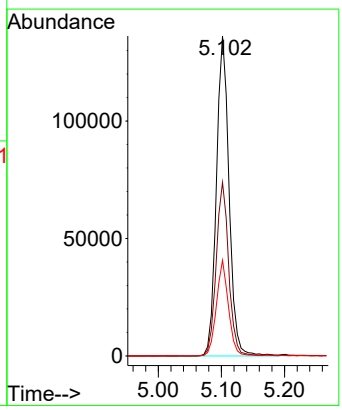


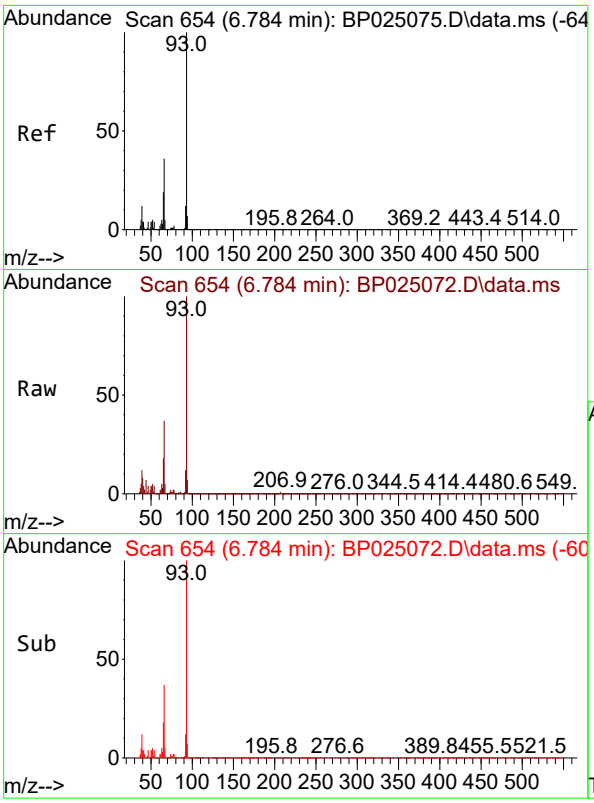


#5
2-Fluorophenol
Concen: 9.477 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:112 Resp: 189521

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.0	63.0
63	29.9	22.2	33.2



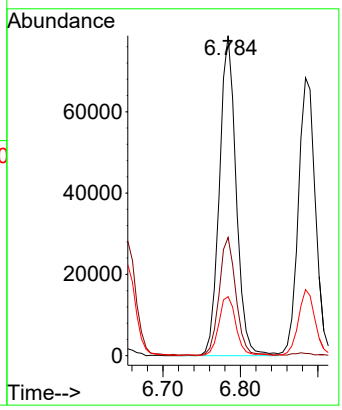


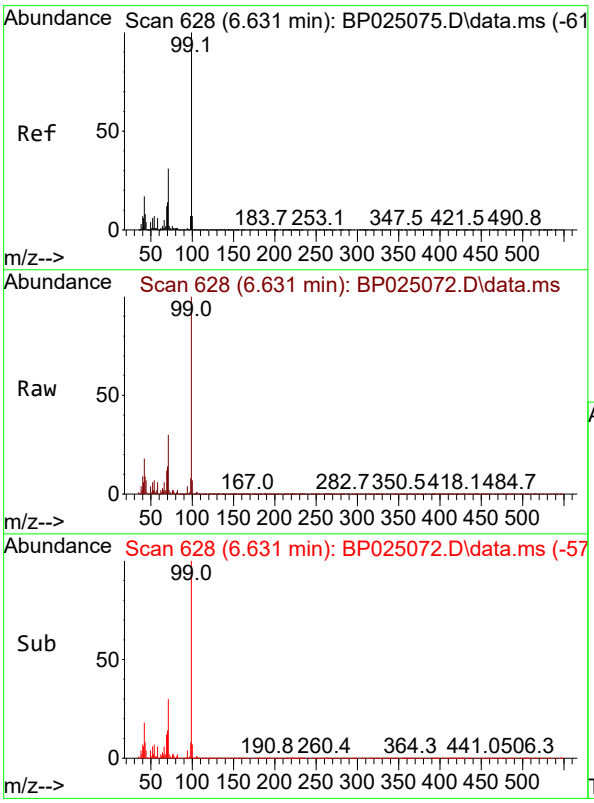
#6
Aniline
Concen: 4.846 ng
RT: 6.784 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 118174

Ion	Ratio	Lower	Upper
93	100		
66	37.0	28.9	43.3
65	18.4	15.2	22.8

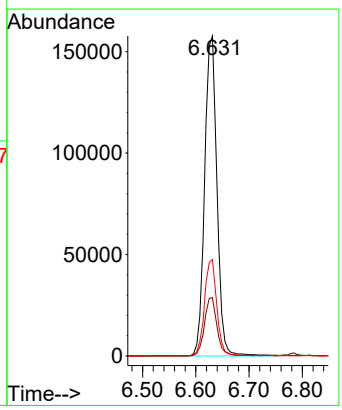


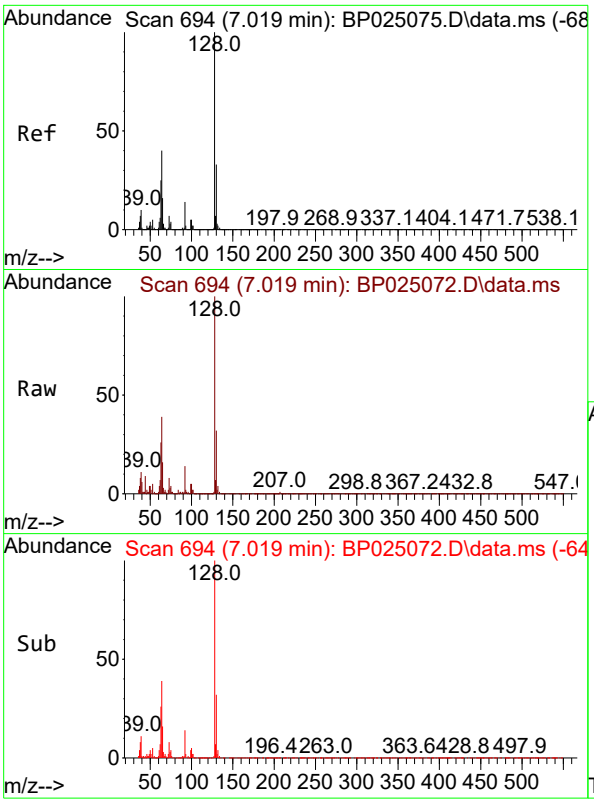


#7
Phenol-d6
Concen: 9.692 ng
RT: 6.631 min Scan# 628
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 99 Resp: 252937

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.6	20.4
71	30.1	24.4	36.6



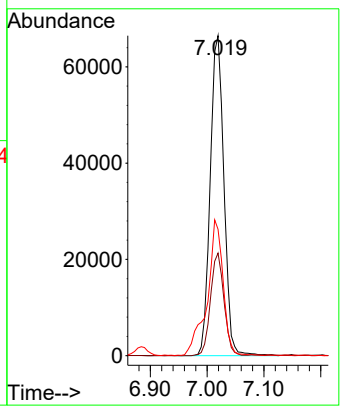


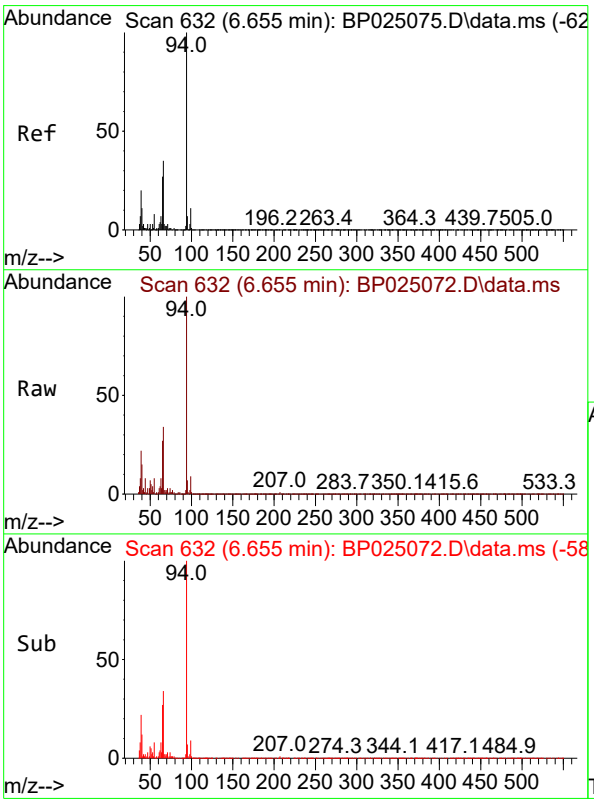
#8
2-Chlorophenol
Concen: 4.966 ng
RT: 7.019 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 111121

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	39.5	20.3	60.3

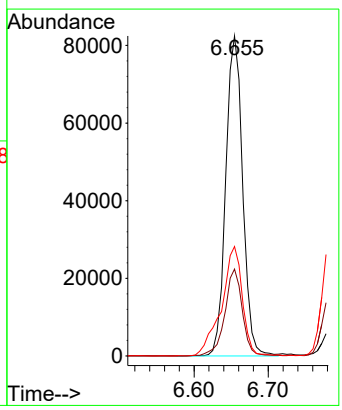


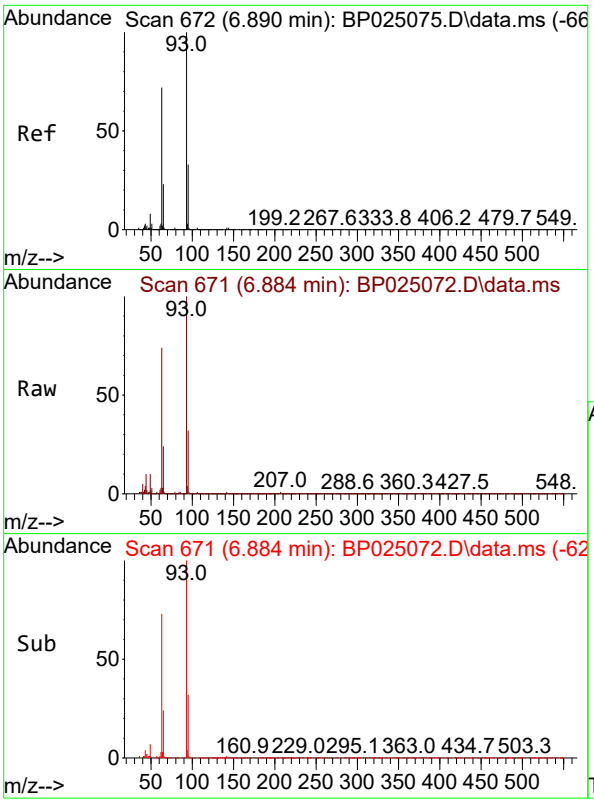


#10
Phenol
Concen: 4.922 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 94 Resp: 130527

Ion	Ratio	Lower	Upper
94	100		
65	27.2	6.9	46.9
66	34.2	14.6	54.6



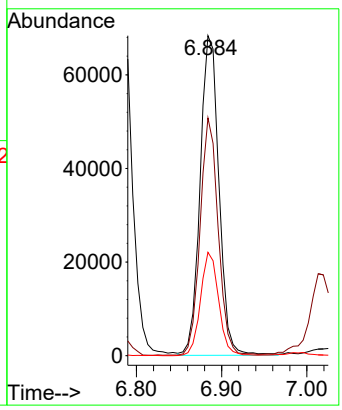


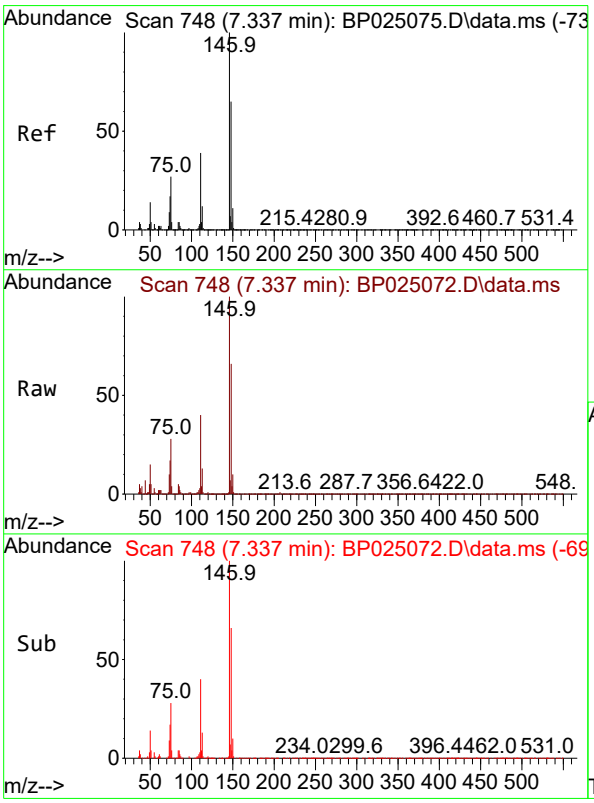
#11
bis(2-Chloroethyl)ether
Concen: 5.151 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 105128

Ion	Ratio	Lower	Upper
93	100		
63	74.3	51.9	91.9
95	32.3	12.4	52.4

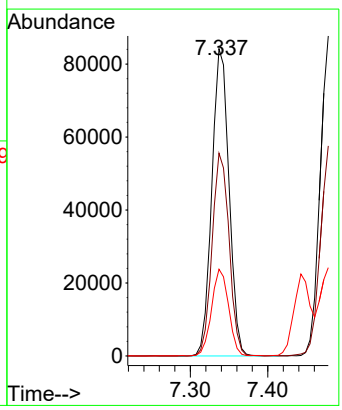


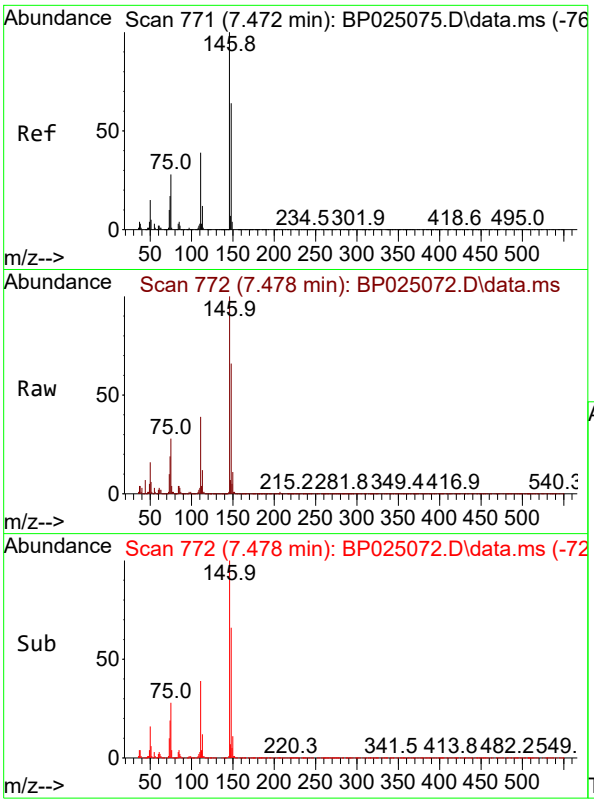


#12
1,3-Dichlorobenzene
Concen: 5.167 ng
RT: 7.337 min Scan# 748
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:146 Resp: 129394

Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
75	28.2	21.8	32.6



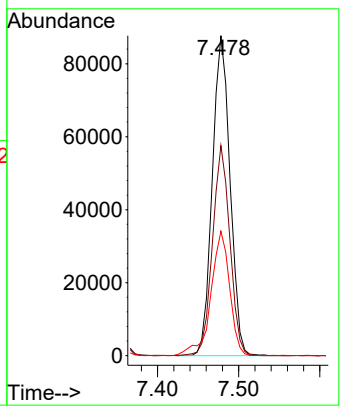


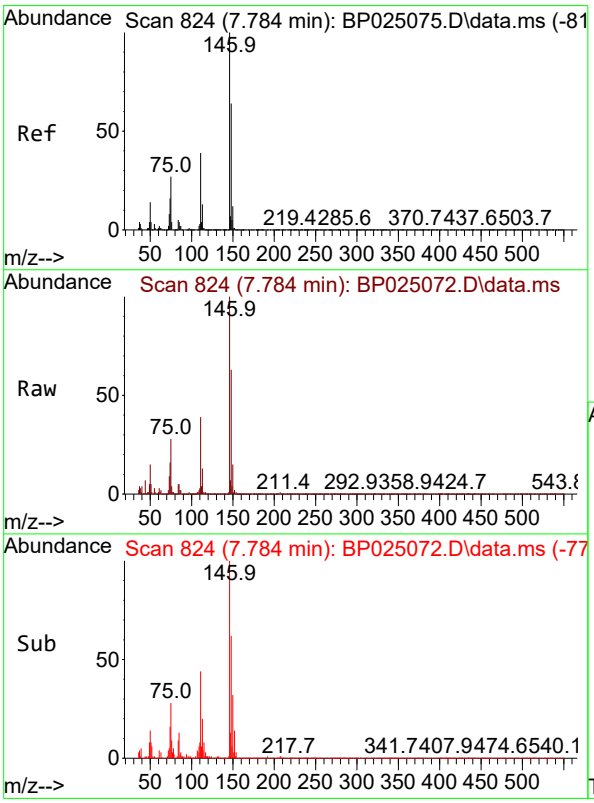
#13
1,4-Dichlorobenzene
Concen: 5.242 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 132919

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	38.9	31.2	46.8

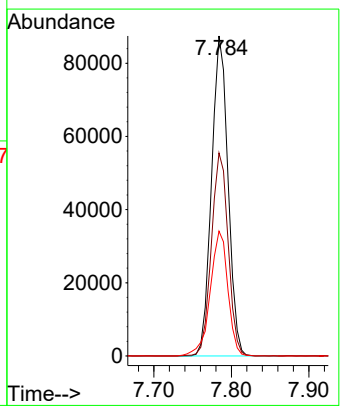


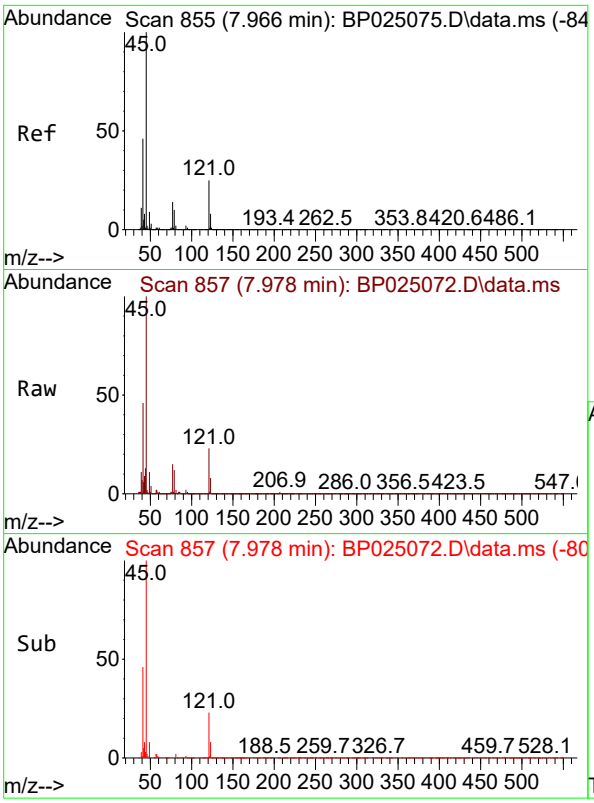


#14
1,2-Dichlorobenzene
Concen: 5.282 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:146 Resp: 128817

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	39.0	31.2	46.8



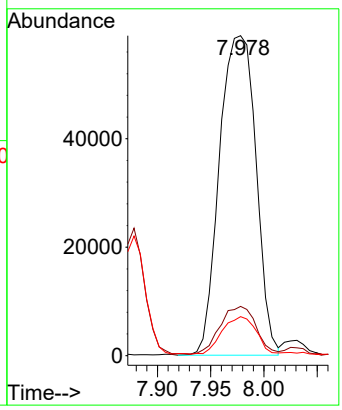


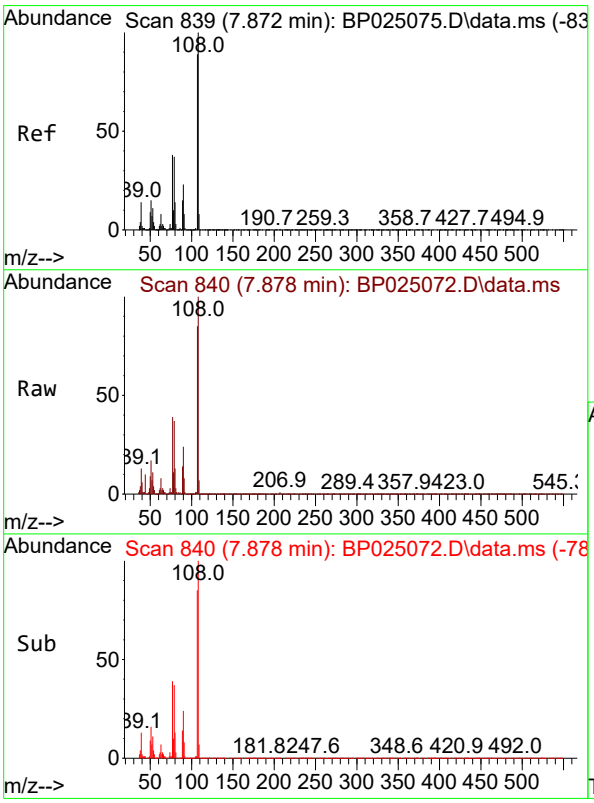
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.299 ng
RT: 7.978 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 140624

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	34.8
79	12.2	0.0	30.7

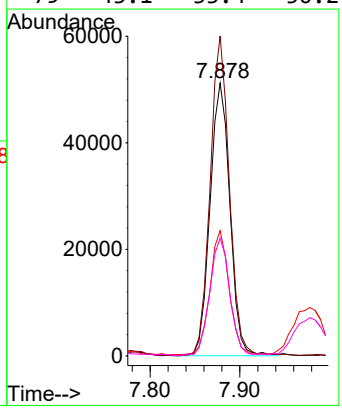


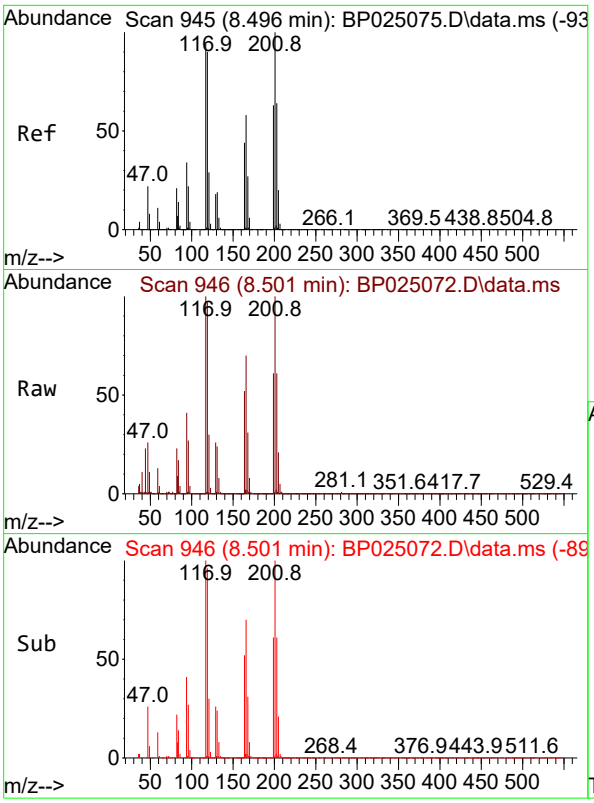


#17
2-Methylphenol
Concen: 4.600 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:107 Resp: 78577

Ion	Ratio	Lower	Upper
107	100		
108	117.3	89.7	134.5
77	46.0	34.2	51.4
79	43.1	33.4	50.2



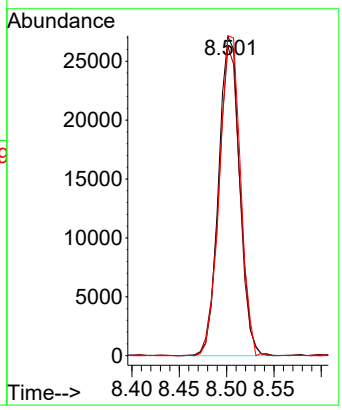


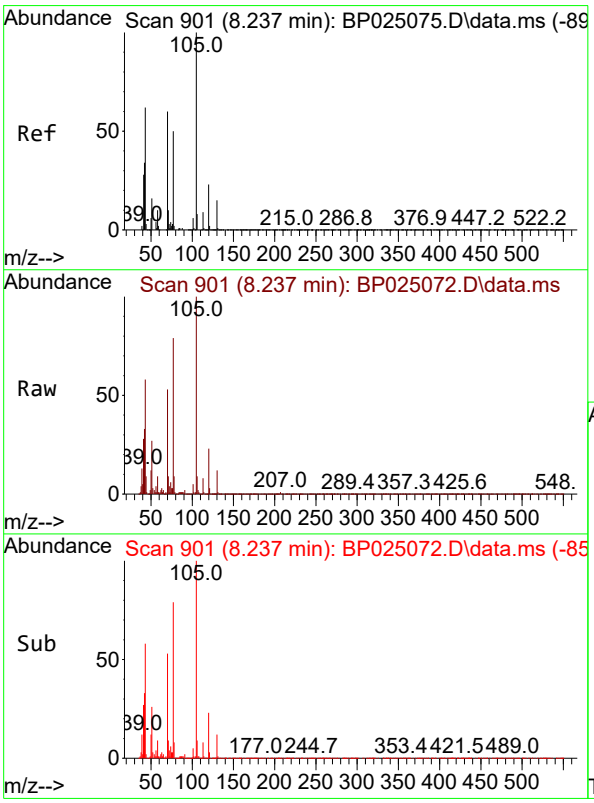
#18
Hexachloroethane
Concen: 5.104 ng
RT: 8.501 min Scan# 94
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 42157

Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	115.0
201	100.4	85.4	128.2

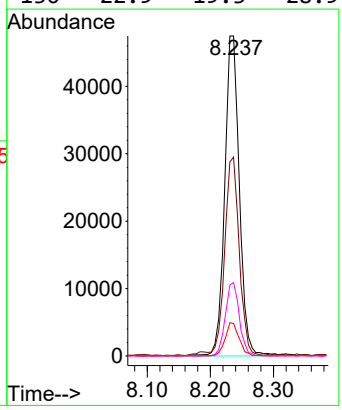


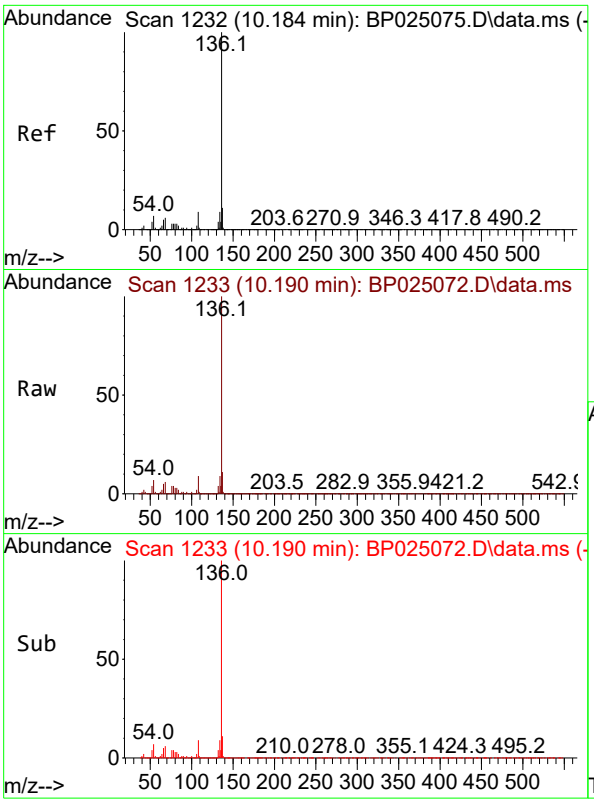


#19
n-Nitroso-di-n-propylamine
Concen: 4.935 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 70 Resp: 76382

Ion	Ratio	Lower	Upper
70	100		
42	62.2	46.5	69.7
101	10.2	7.9	11.9
130	22.9	19.3	28.9



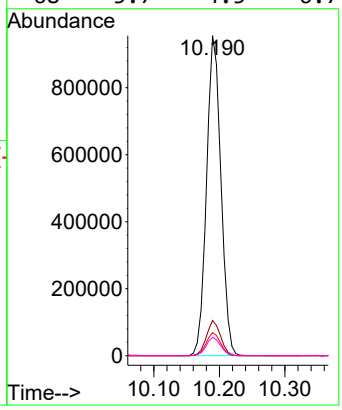


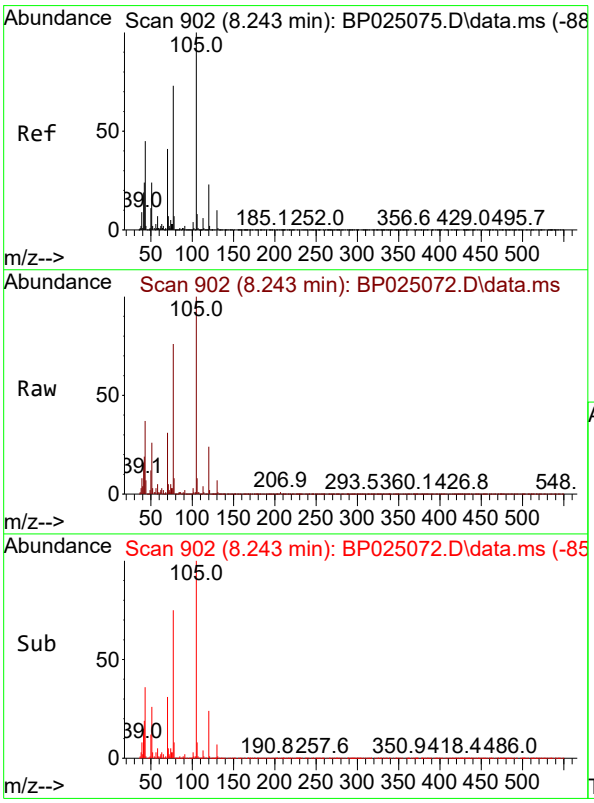
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 1455964

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	5.4	8.2
68	5.7	4.5	6.7

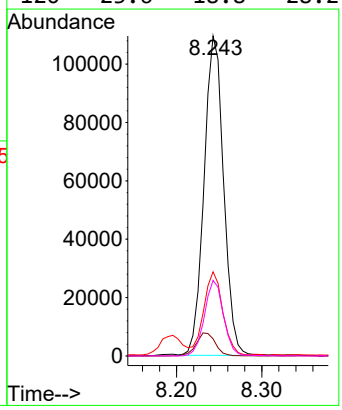


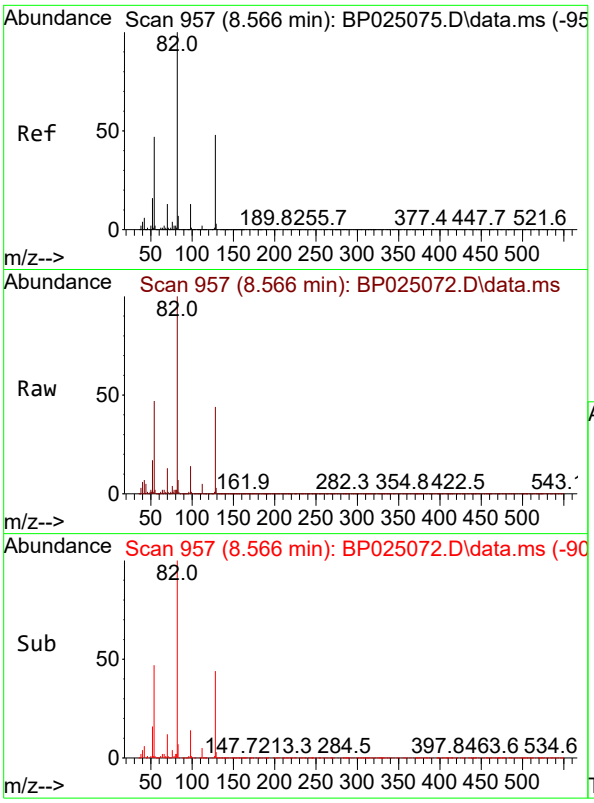


#22
Acetophenone
Concen: 5.070 ng
RT: 8.243 min Scan# 902
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:105 Resp: 174562

Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.4	8.2#
51	26.3	19.6	29.4
120	23.6	18.8	28.2



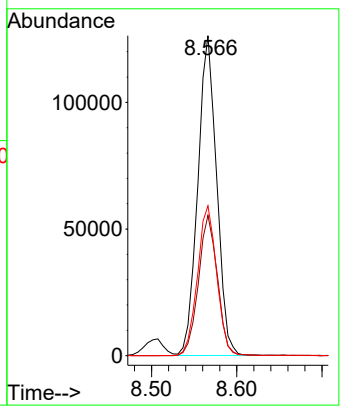


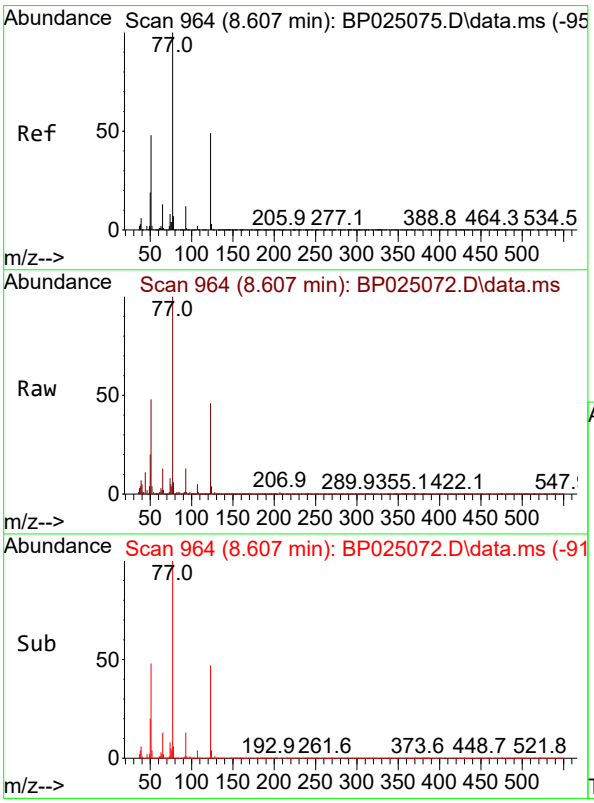
#23
Nitrobenzene-d5
Concen: 8.871 ng
RT: 8.566 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 194218

Ion	Ratio	Lower	Upper
82	100		
128	43.9	38.4	57.6
54	46.9	37.8	56.6

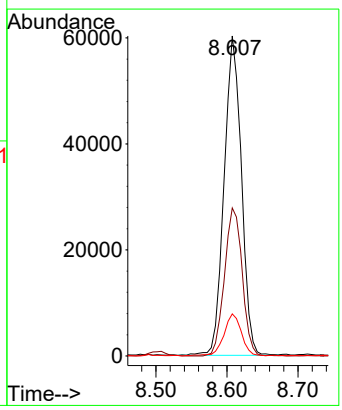


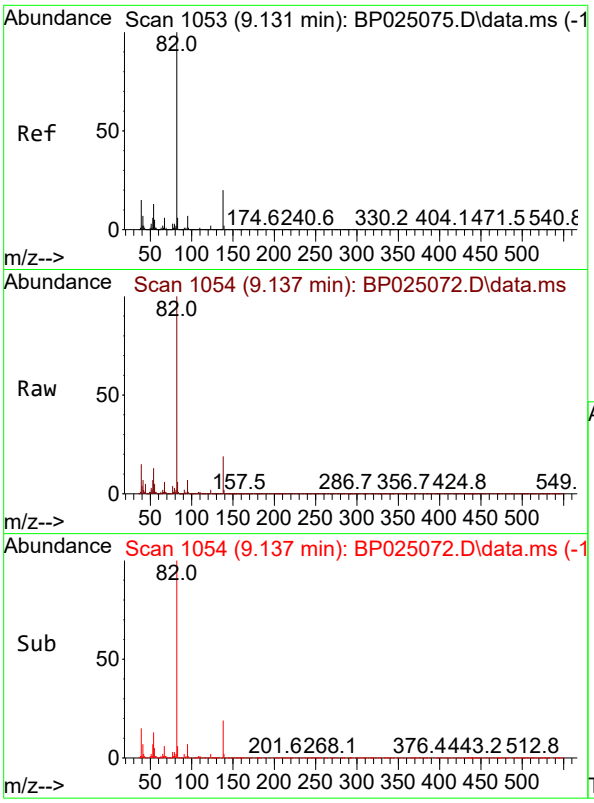


#24
Nitrobenzene
Concen: 4.575 ng
RT: 8.607 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 77 Resp: 102014

Ion	Ratio	Lower	Upper
77	100		
123	46.2	39.0	58.6
65	13.1	10.7	16.1



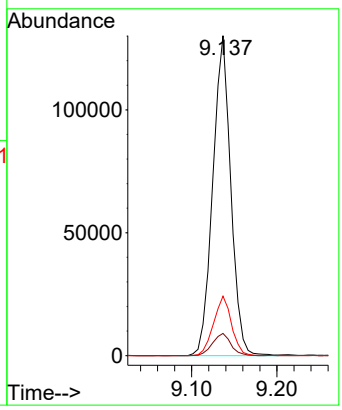


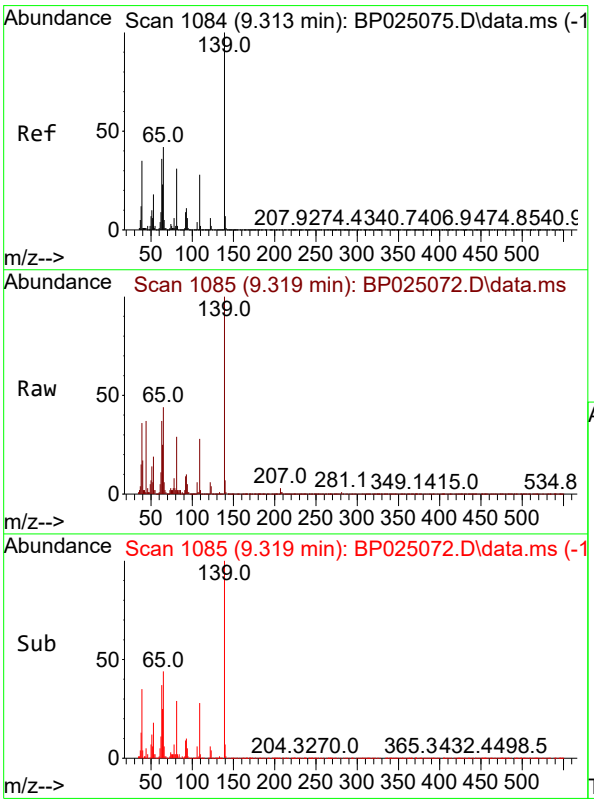
#25
Isophorone
Concen: 4.668 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 190993

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	18.6	15.7	23.5

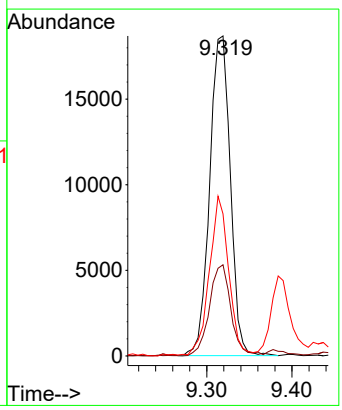


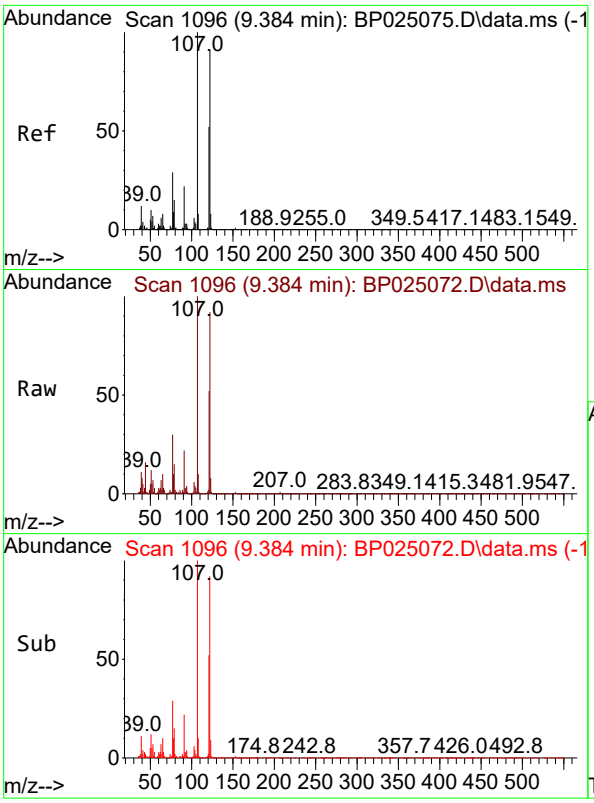


#26
2-Nitrophenol
Concen: 6.004 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:139 Resp: 31408

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.3	33.5
65	44.4	33.8	50.8



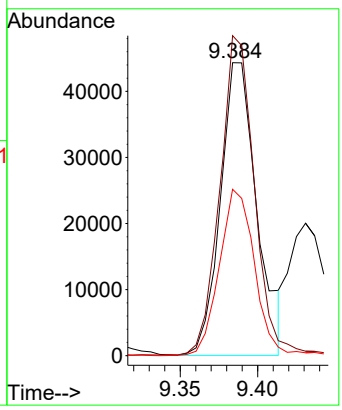


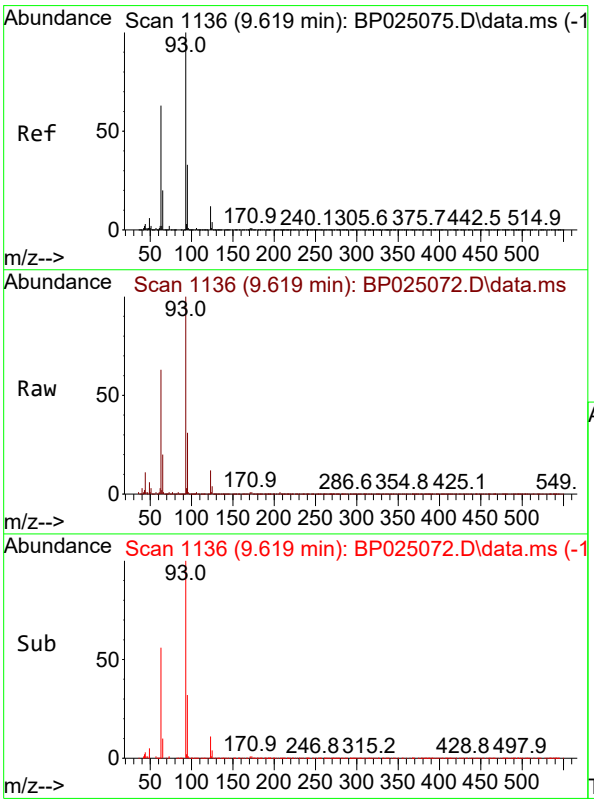
#27
2,4-Dimethylphenol
Concen: 4.753 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 72542

Ion	Ratio	Lower	Upper
122	100		
107	109.2	88.2	132.2
121	56.8	46.1	69.1

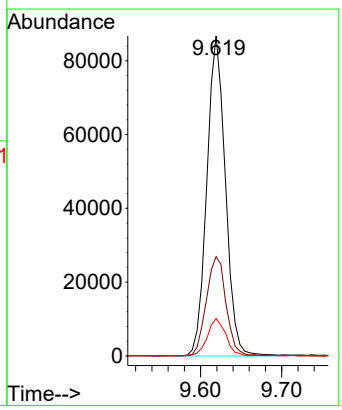


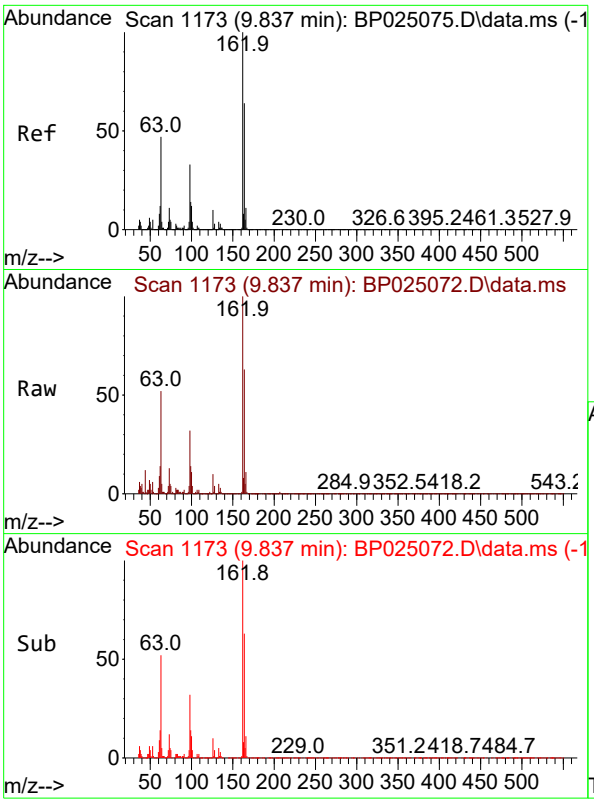


#28
bis(2-Chloroethoxy)methane
Concen: 4.954 ng
RT: 9.619 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 93 Resp: 137622

Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.4	39.6
123	11.7	10.1	15.1



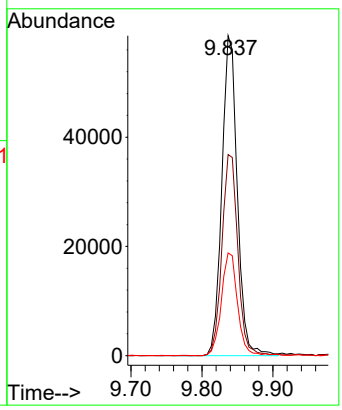


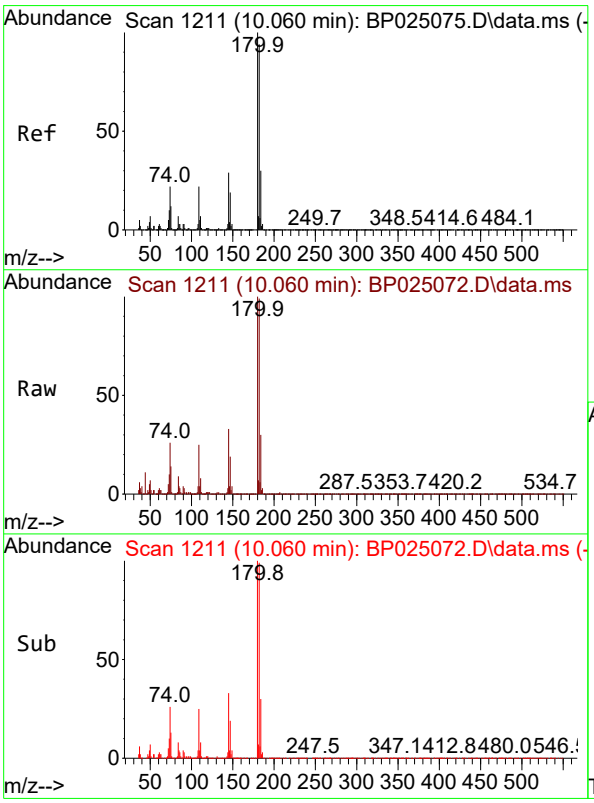
#29
2,4-Dichlorophenol
Concen: 4.171 ng
RT: 9.837 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 88262

Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.1	84.1
98	32.1	13.1	53.1

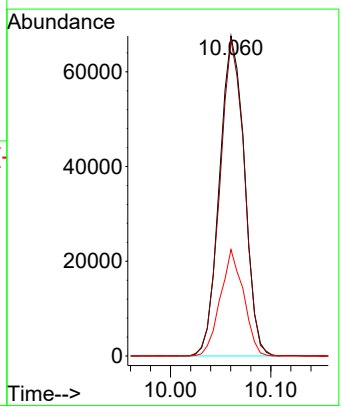


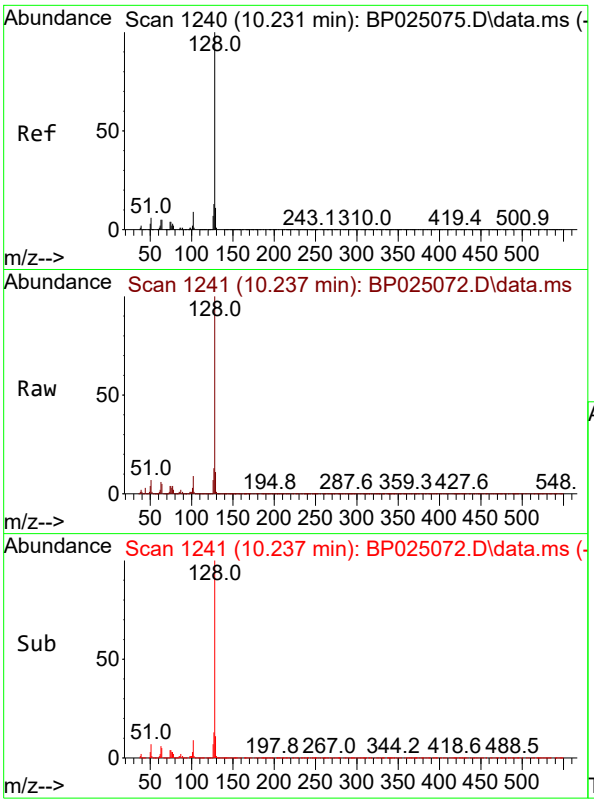


#30
1,2,4-Trichlorobenzene
Concen: 4.953 ng
RT: 10.060 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:180 Resp: 116080

Ion	Ratio	Lower	Upper
180	100		
182	98.8	75.1	112.7
145	33.3	23.3	34.9



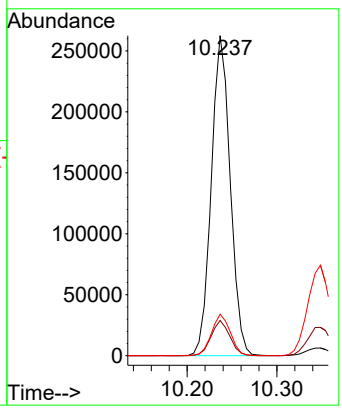


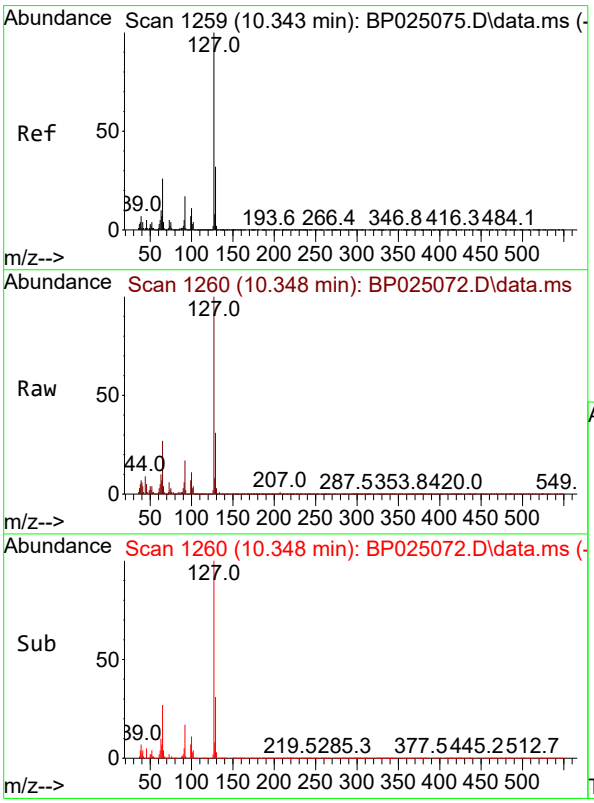
#31
Naphthalene
Concen: 5.134 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 384889

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.9	10.4	15.6

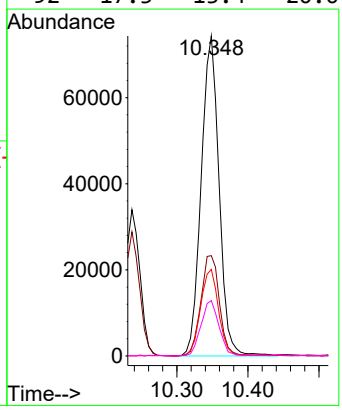


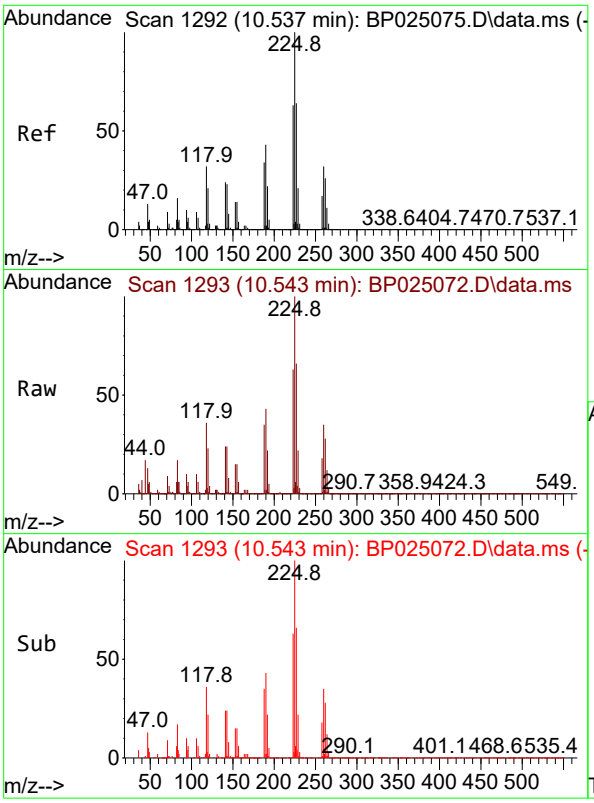


#33
4-Chloroaniline
Concen: 4.661 ng
RT: 10.348 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:127 Resp: 130394

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.4	38.2
65	27.0	21.0	31.6
92	17.3	13.4	20.0



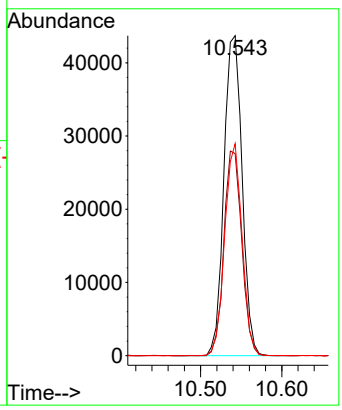


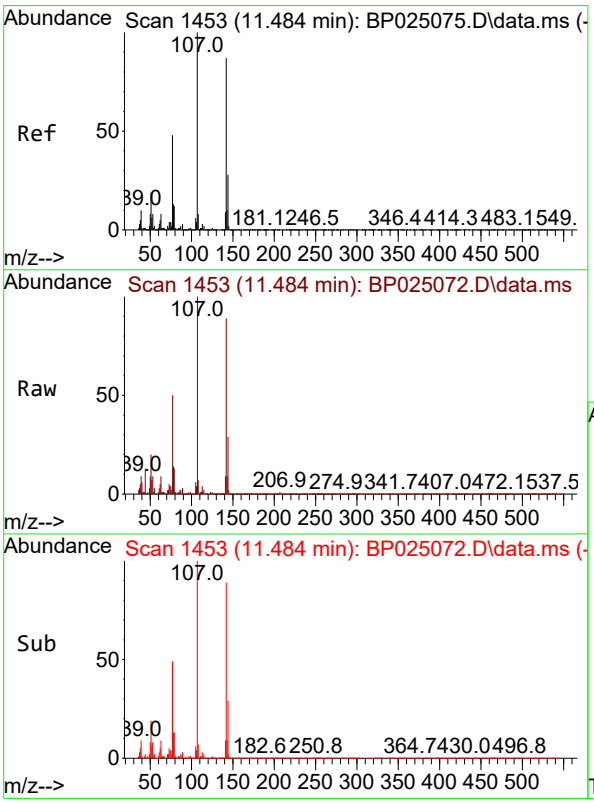
#34
Hexachlorobutadiene
Concen: 5.055 ng
RT: 10.543 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 67982

Ion	Ratio	Lower	Upper
225	100		
223	59.6	50.3	75.5
227	62.5	51.3	76.9

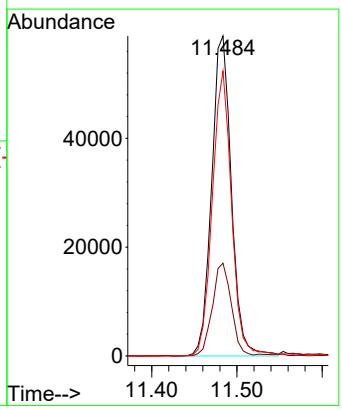


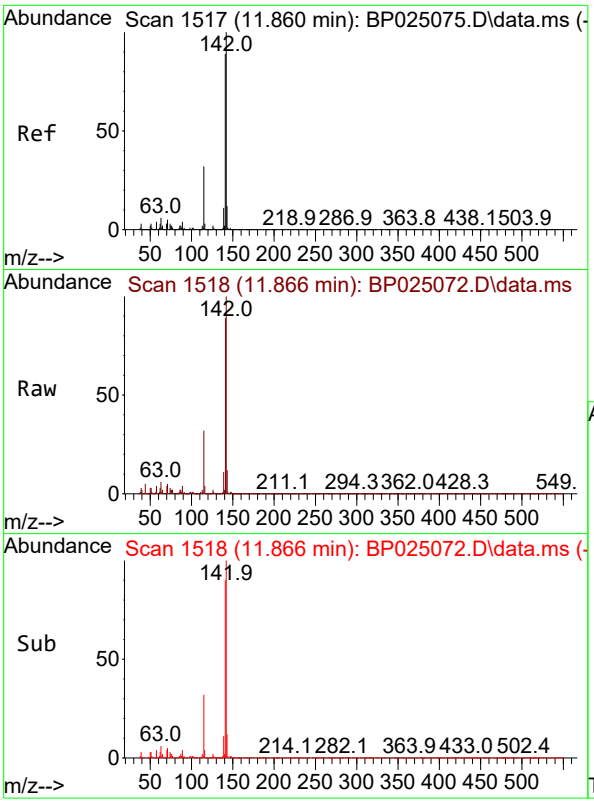


#36
4-Chloro-3-methylphenol
Concen: 4.270 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:107 Resp: 94437

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.4	33.6
142	89.0	69.6	104.4



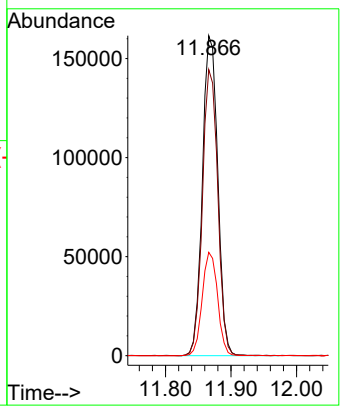


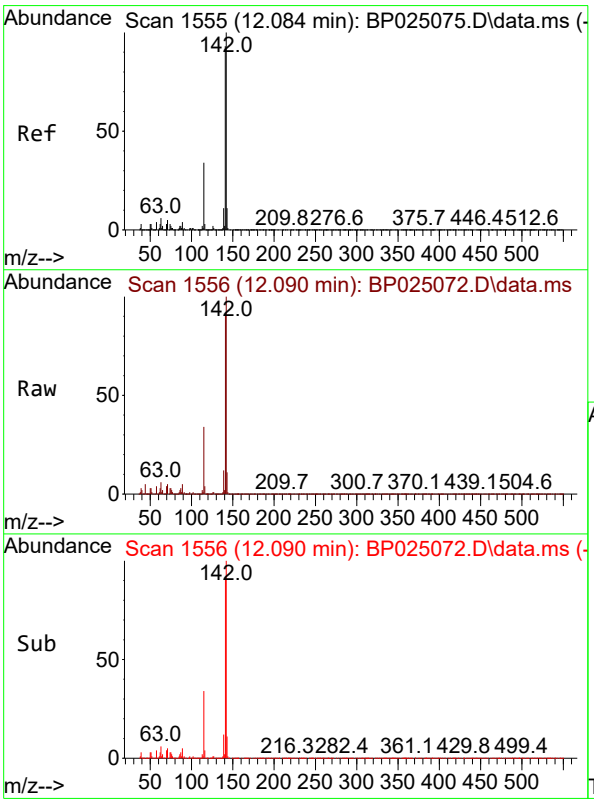
#37
2-Methylnaphthalene
Concen: 4.984 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 263643

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	32.3	25.9	38.9

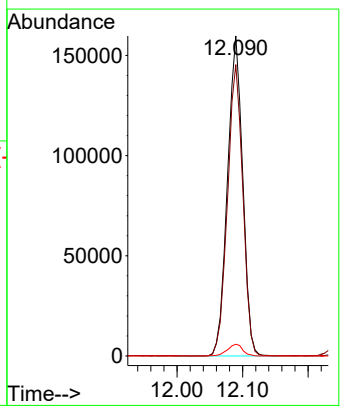


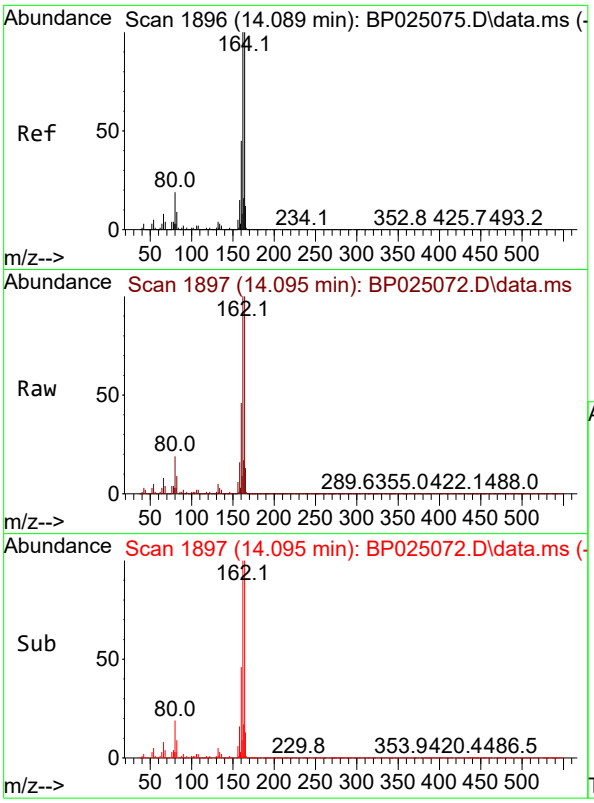


#38
1-Methylnaphthalene
Concen: 4.987 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:142 Resp: 257270

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.1	111.1
116	3.7	2.7	4.1



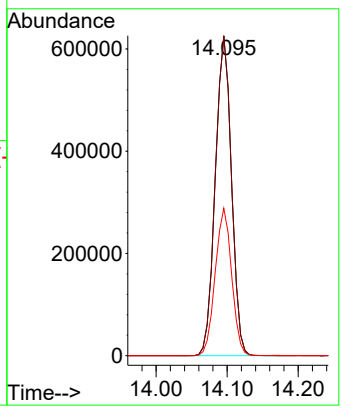


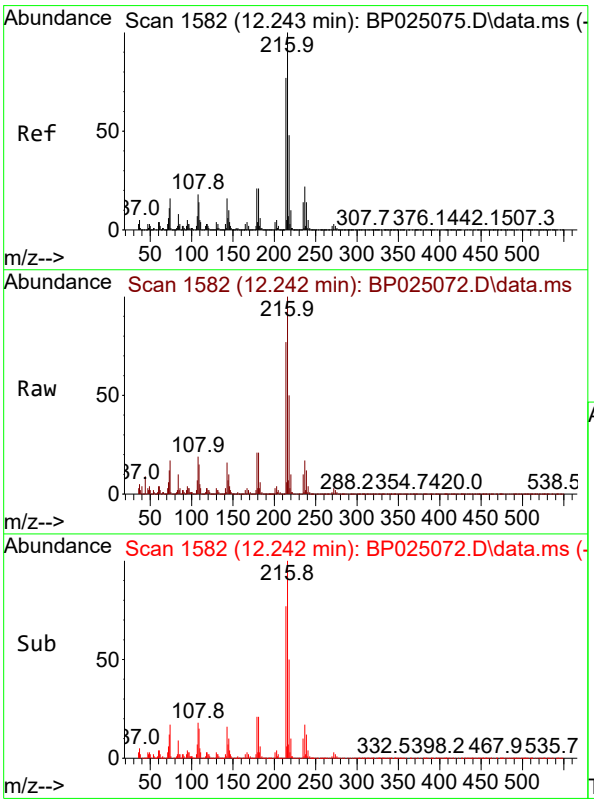
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 982759

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.3	120.5
160	46.1	35.9	53.9

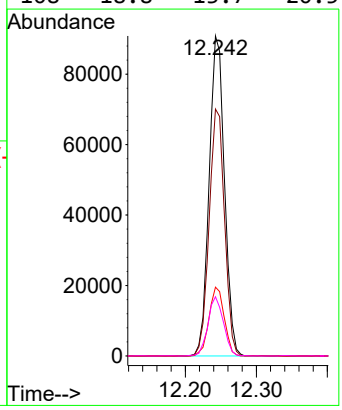


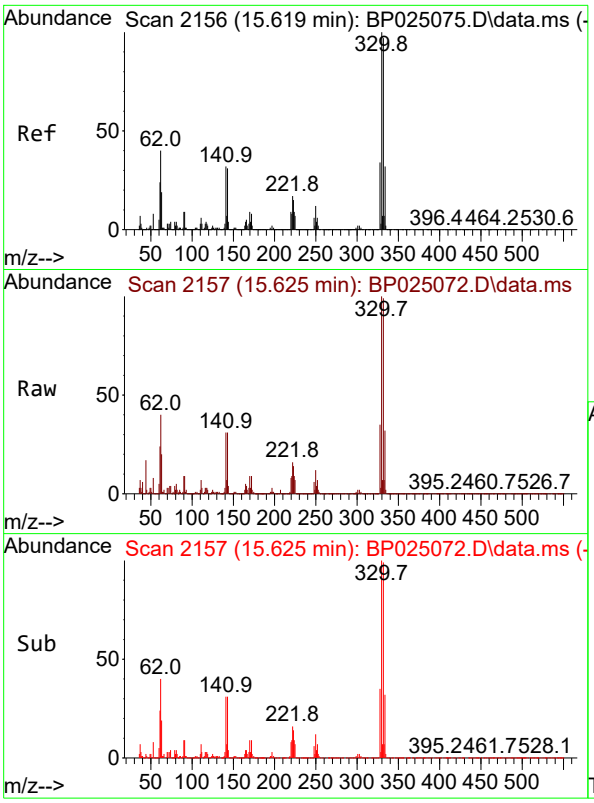


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.822 ng
RT: 12.242 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:216 Resp: 136193

Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.4	93.6
179	21.4	16.5	24.7
108	18.8	13.7	20.5



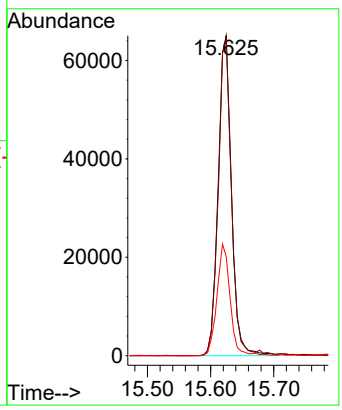


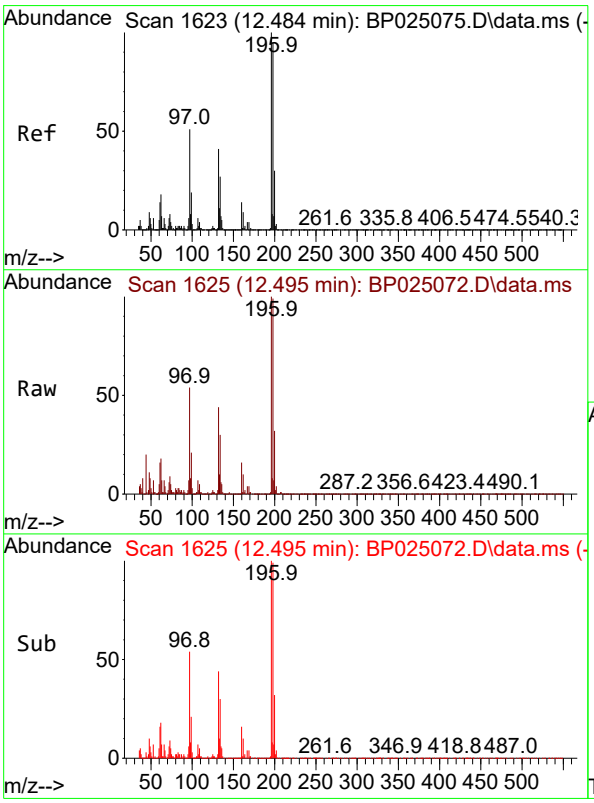
#42
2,4,6-Tribromophenol
Concen: 8.213 ng
RT: 15.625 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 95353

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	34.7	26.0	39.0

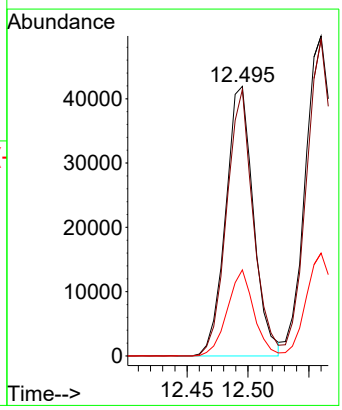


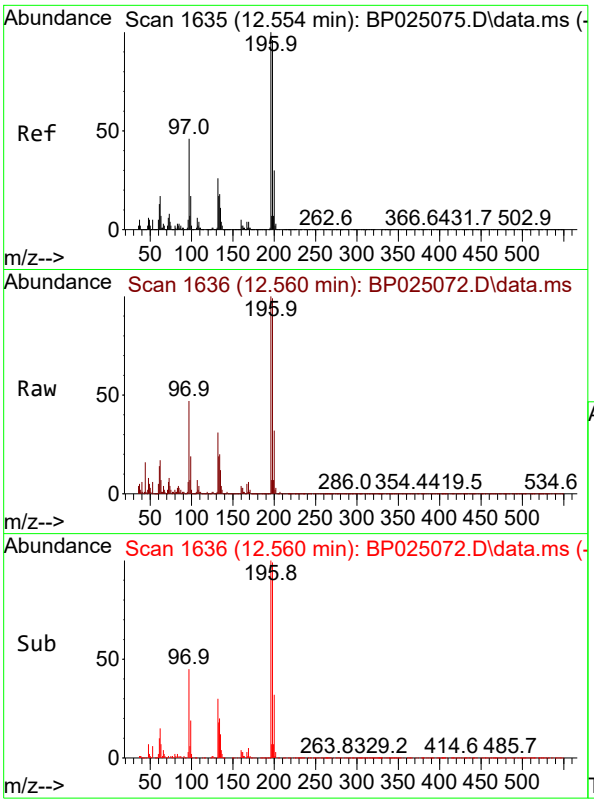


#43
2,4,6-Trichlorophenol
Concen: 3.890 ng
RT: 12.495 min Scan# 1625
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:196 Resp: 66524

Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.2	114.2
200	31.9	24.3	36.5



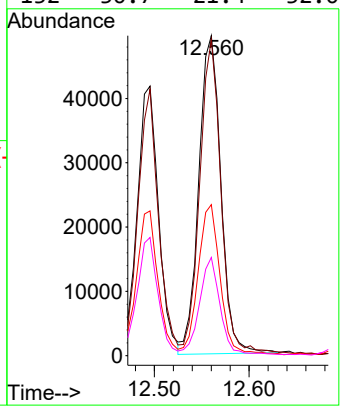


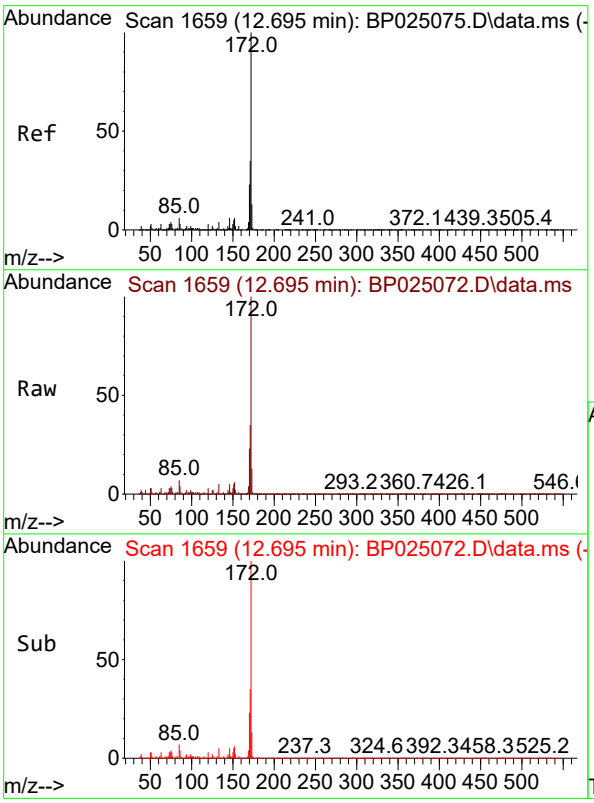
#44
2,4,5-Trichlorophenol
Concen: 4.135 ng
RT: 12.560 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 80137

Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.6	115.0
97	47.2	36.6	55.0
132	30.7	21.4	32.0

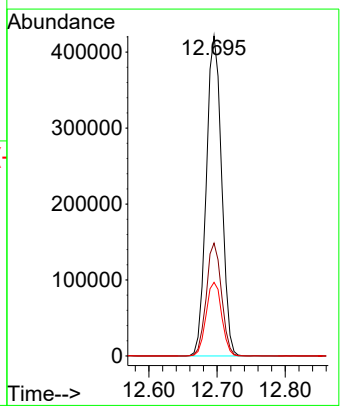


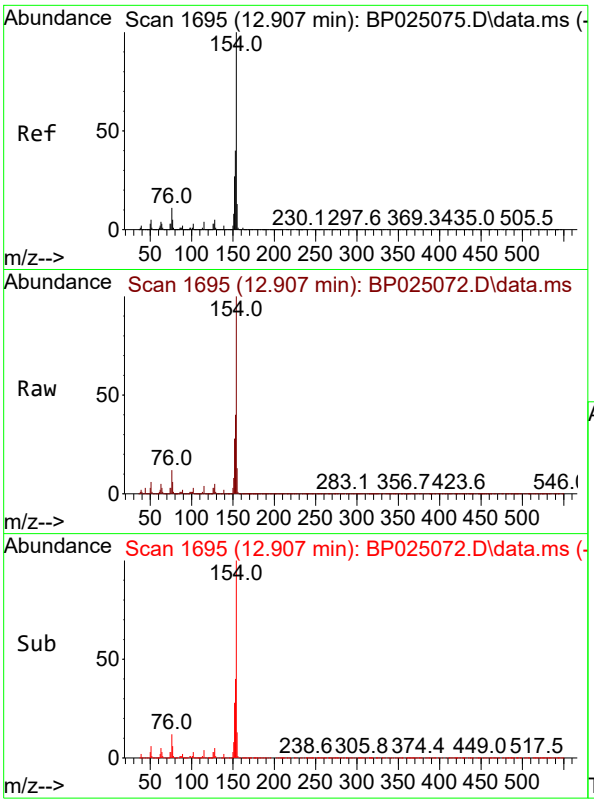


#45
2-Fluorobiphenyl
Concen: 10.365 ng
RT: 12.695 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:172 Resp: 657518

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.0	18.7	28.1



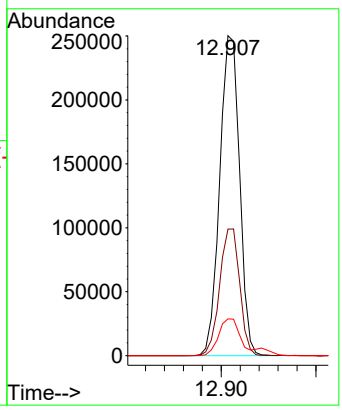


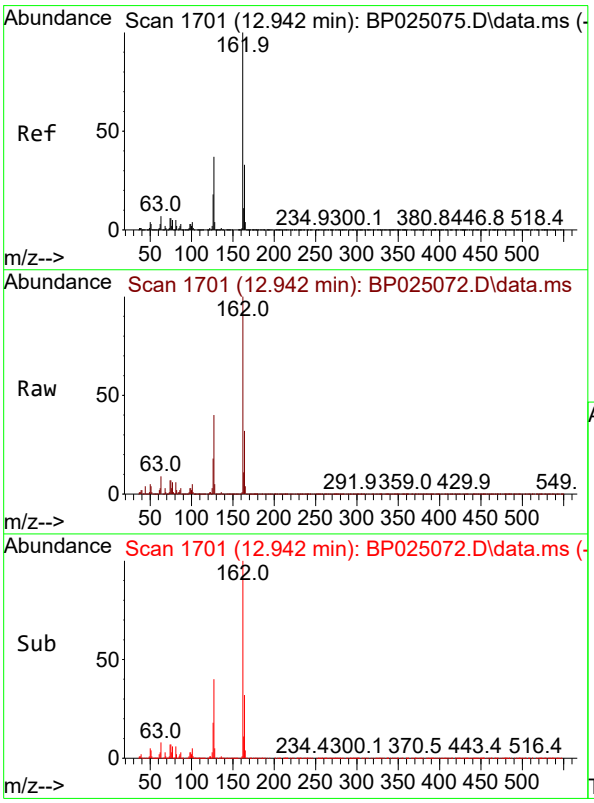
#46
1,1'-Biphenyl
Concen: 5.092 ng
RT: 12.907 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 364077

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.2	60.2
76	11.5	0.0	31.5

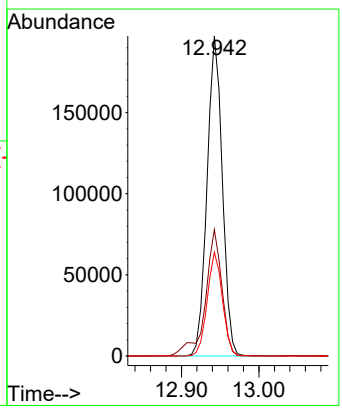


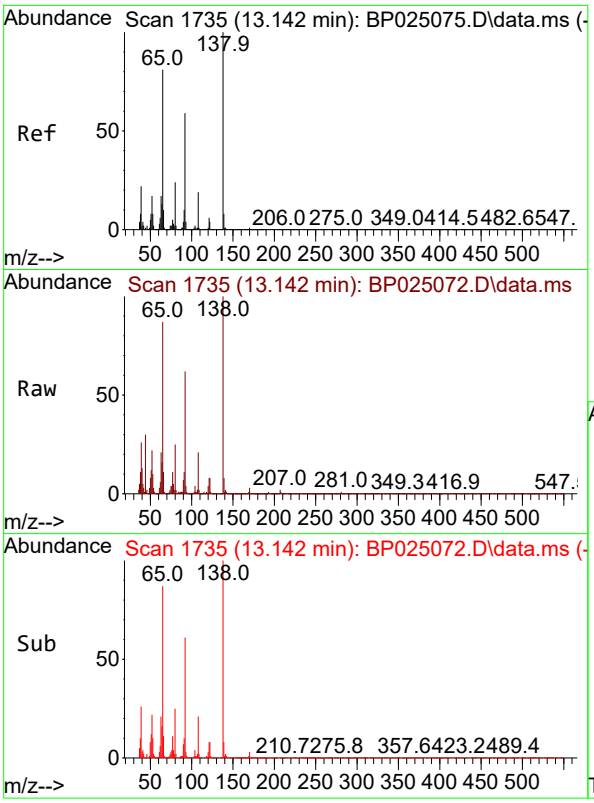


#47
2-Chloronaphthalene
Concen: 5.016 ng
RT: 12.942 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:162 Resp: 269579

Ion	Ratio	Lower	Upper
162	100		
127	39.5	29.4	44.2
164	32.4	26.4	39.6



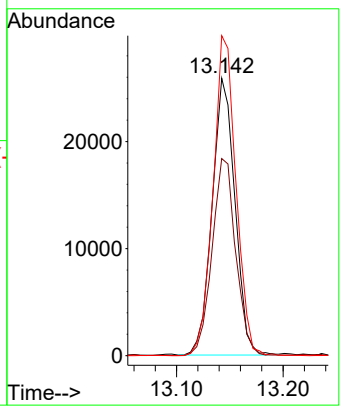


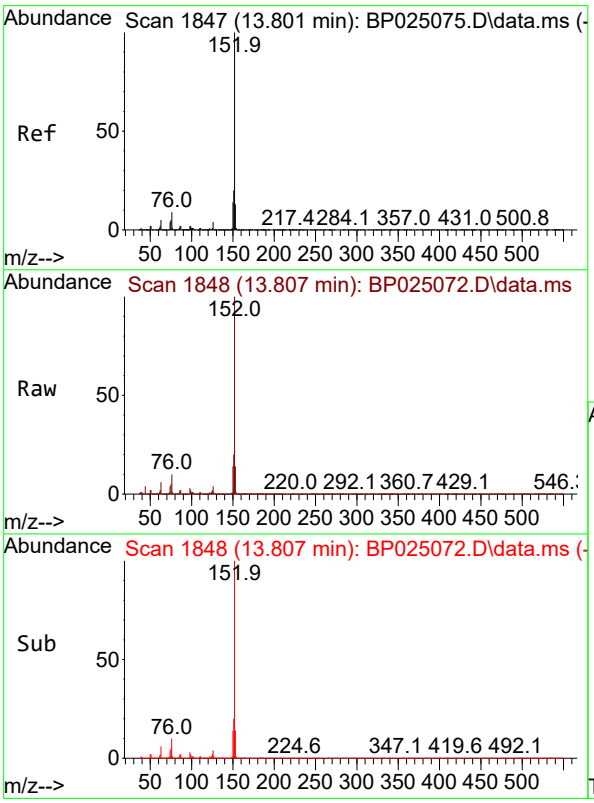
#48
2-Nitroaniline
Concen: 5.521 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 38515

Ion	Ratio	Lower	Upper
65	100		
92	71.1	58.7	88.1
138	115.3	99.0	148.4

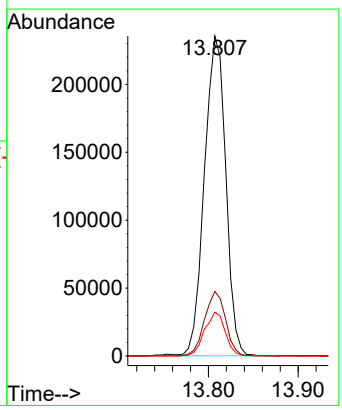


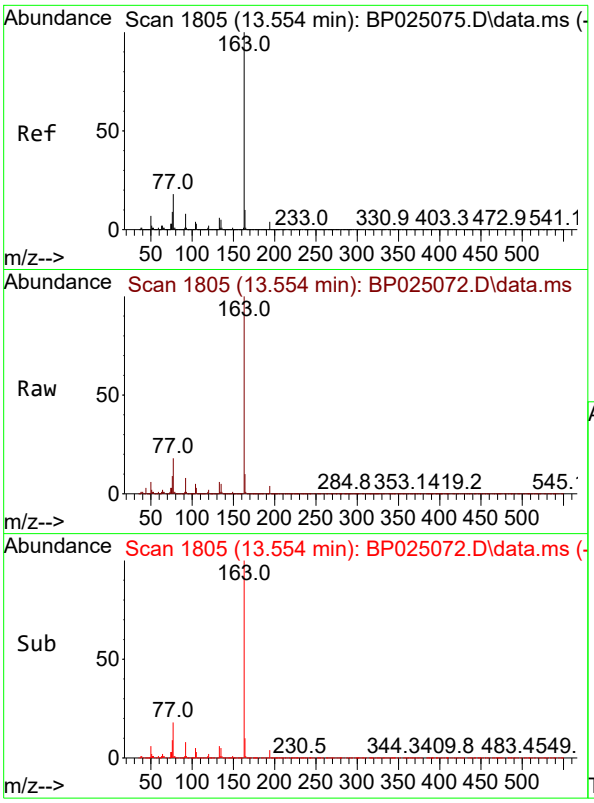


#49
Acenaphthylene
Concen: 4.726 ng
RT: 13.807 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:152 Resp: 388781

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.7	10.7	16.1



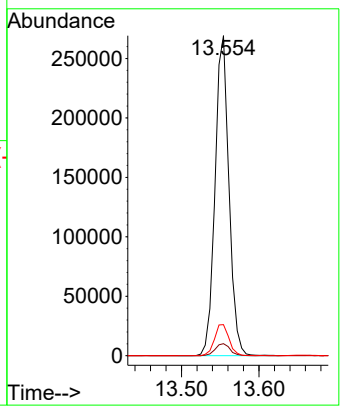


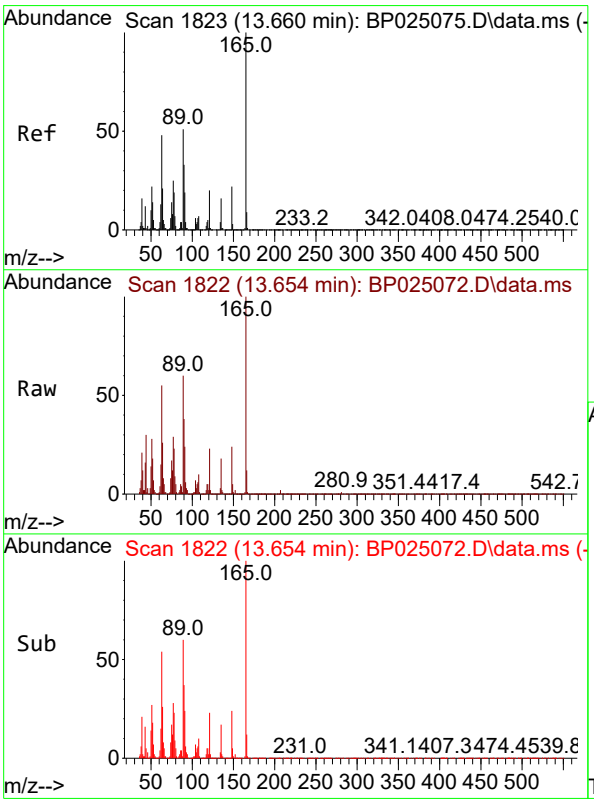
#50
Dimethylphthalate
Concen: 4.871 ng
RT: 13.554 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 335065

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.7	8.0	12.0

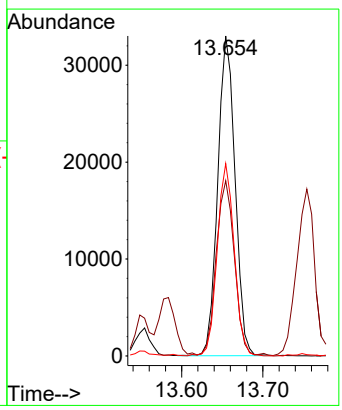


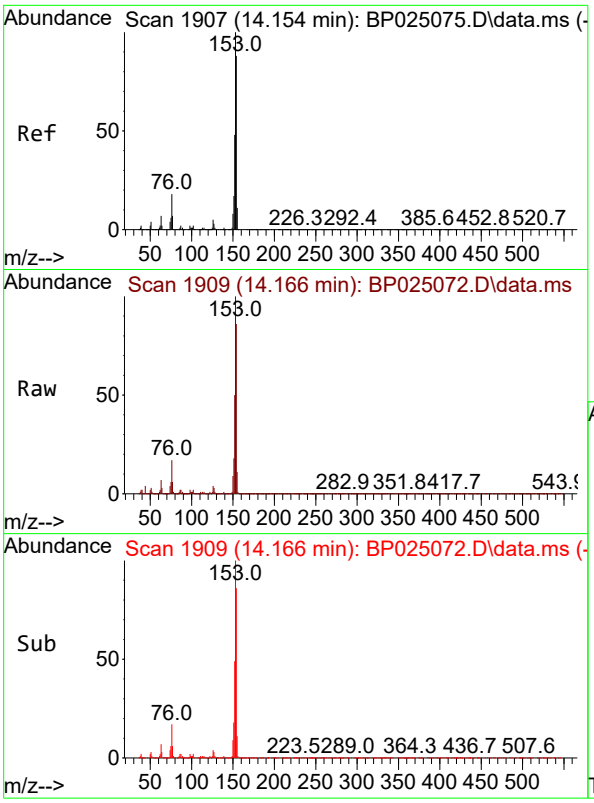


#51
2,6-Dinitrotoluene
Concen: 3.651 ng
RT: 13.654 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:165 Resp: 48991

Ion	Ratio	Lower	Upper
165	100		
63	54.7	38.5	57.7
89	60.1	40.6	61.0



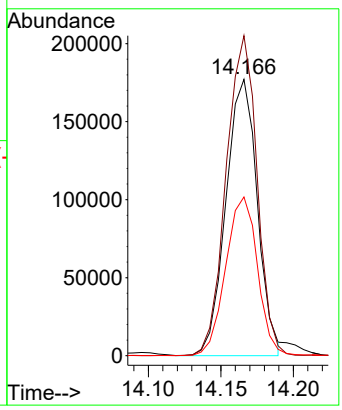


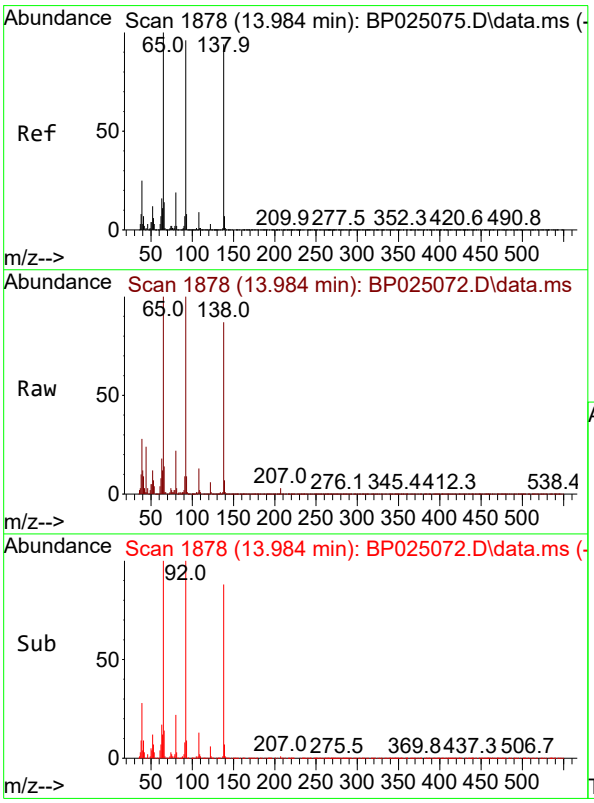
#52
Acenaphthene
Concen: 5.030 ng m
RT: 14.166 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 266690

Ion	Ratio	Lower	Upper
154	100		
153	115.8	90.6	136.0
152	57.5	43.8	65.8

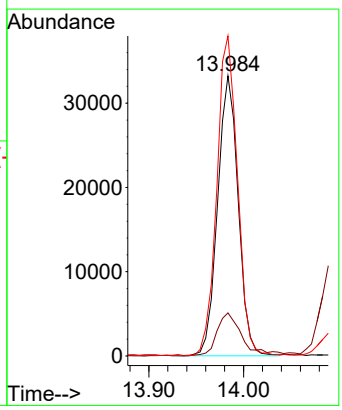


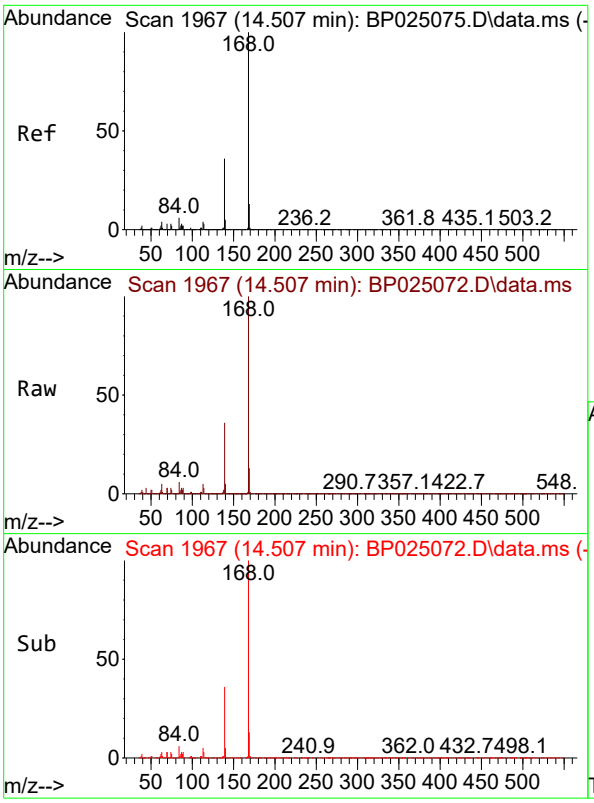


#53
3-Nitroaniline
Concen: 3.491 ng
RT: 13.984 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:138 Resp: 50202

Ion	Ratio	Lower	Upper
138	100		
108	15.4	7.8	11.8#
92	114.2	81.0	121.4



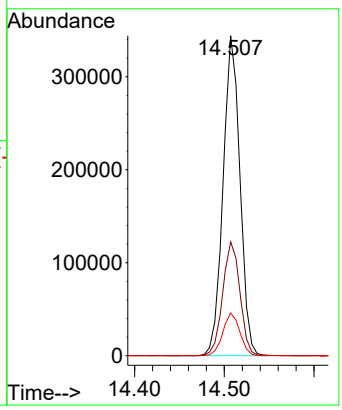


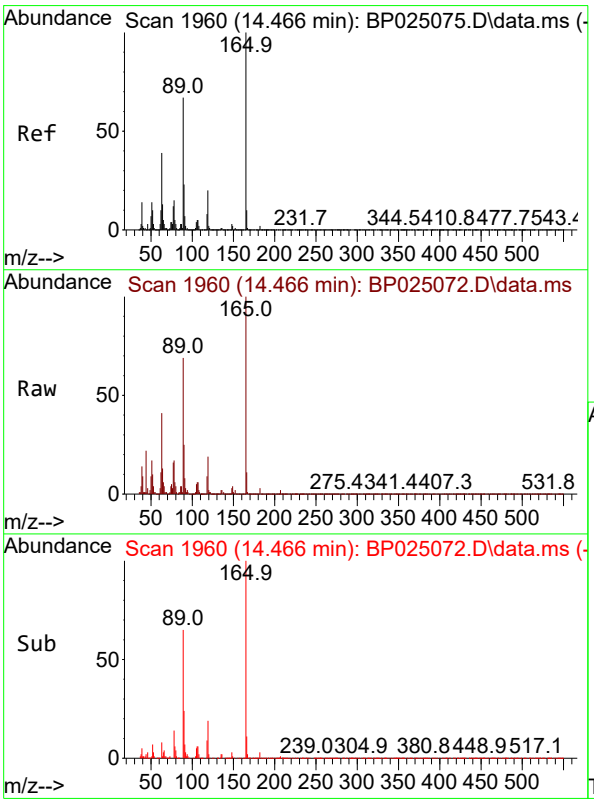
#55
Dibenzofuran
Concen: 5.135 ng
RT: 14.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 449302

Ion	Ratio	Lower	Upper
168	100		
139	35.6	28.6	43.0
169	13.4	10.7	16.1

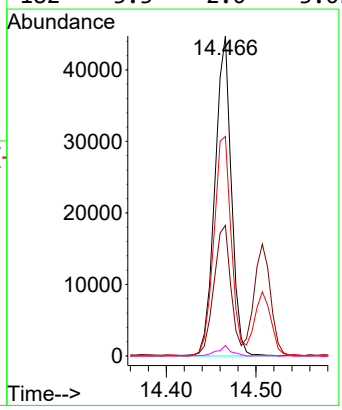


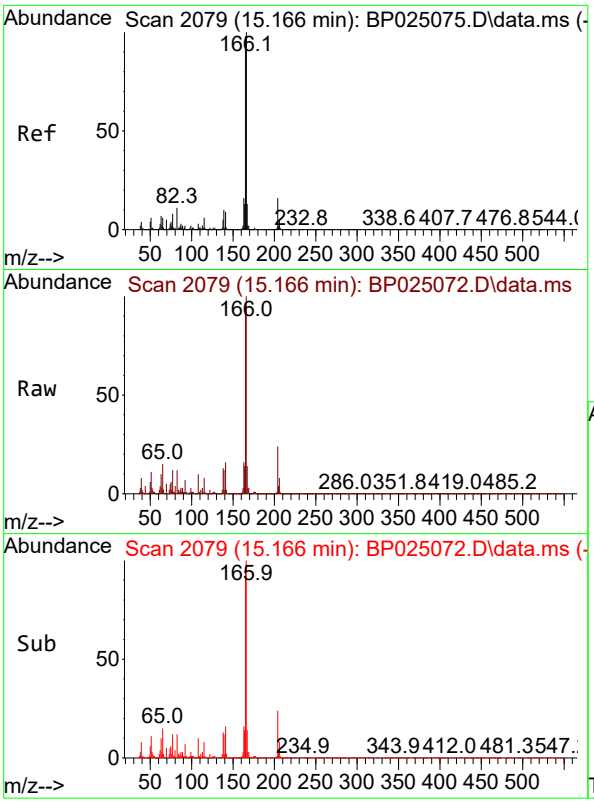


#57
2,4-Dinitrotoluene
Concen: 5.360 ng
RT: 14.466 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:165 Resp: 56730

Ion	Ratio	Lower	Upper
165	100		
63	40.8	31.0	46.4
89	68.6	53.4	80.0
182	3.3	2.0	3.0#



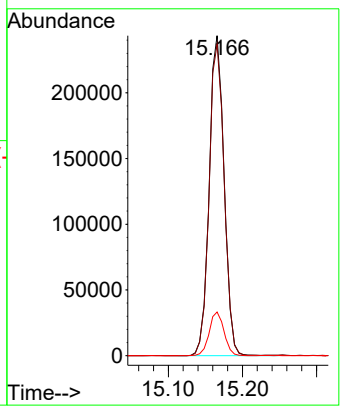


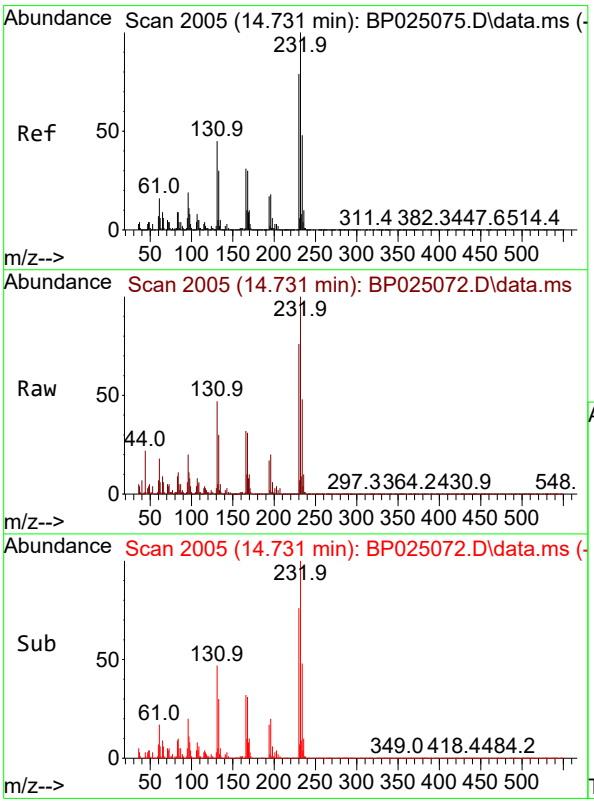
#58
Fluorene
Concen: 5.016 ng
RT: 15.166 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 339444

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	117.8
167	13.7	10.7	16.1

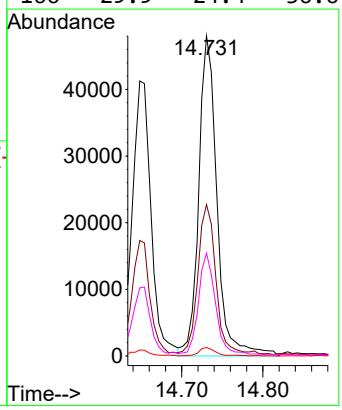


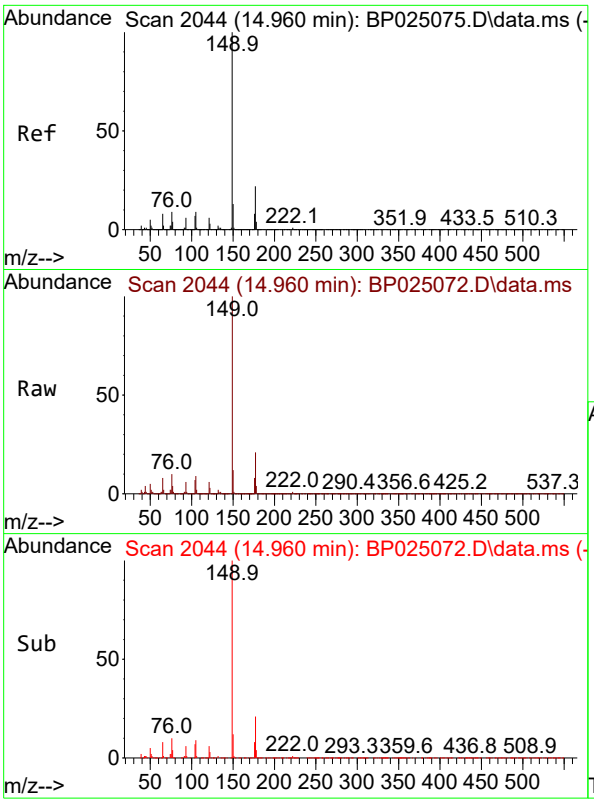


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.270 ng
RT: 14.731 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:232 Resp: 74947

Ion	Ratio	Lower	Upper
232	100		
131	47.0	35.7	53.5
130	2.5	1.8	2.6
166	29.9	24.4	36.6



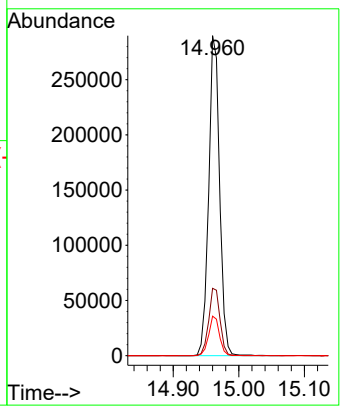


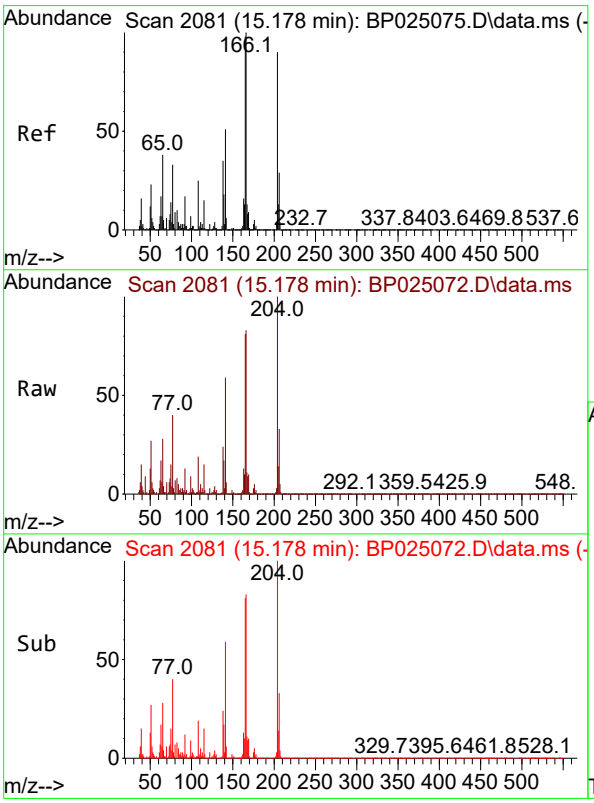
#60
Diethylphthalate
Concen: 4.865 ng
RT: 14.960 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 336119

Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.8	26.8
150	12.4	10.2	15.2

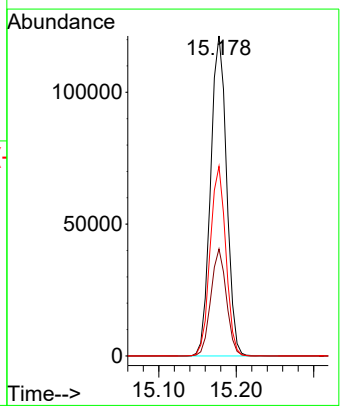


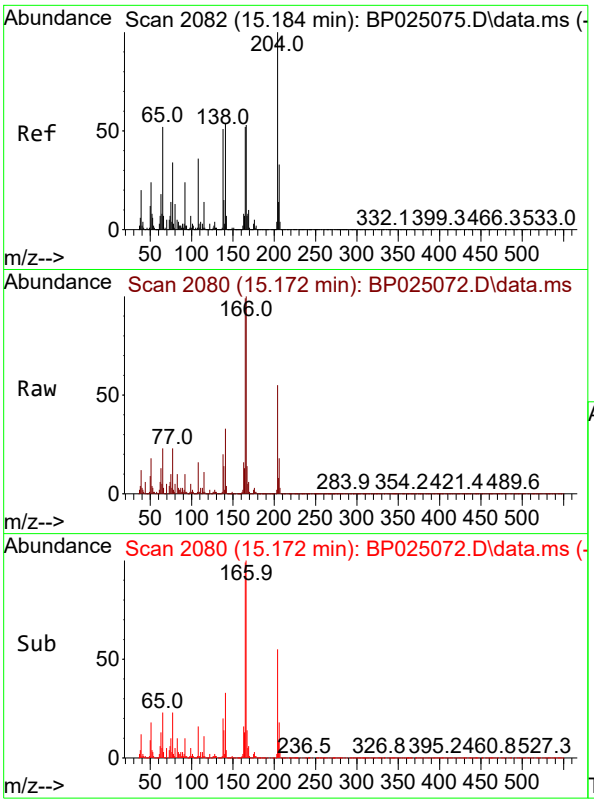


#61
4-Chlorophenyl-phenylether
Concen: 5.212 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:204 Resp: 174567

Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.6
141	59.2	45.1	67.7



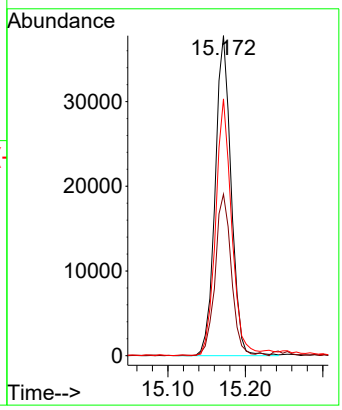


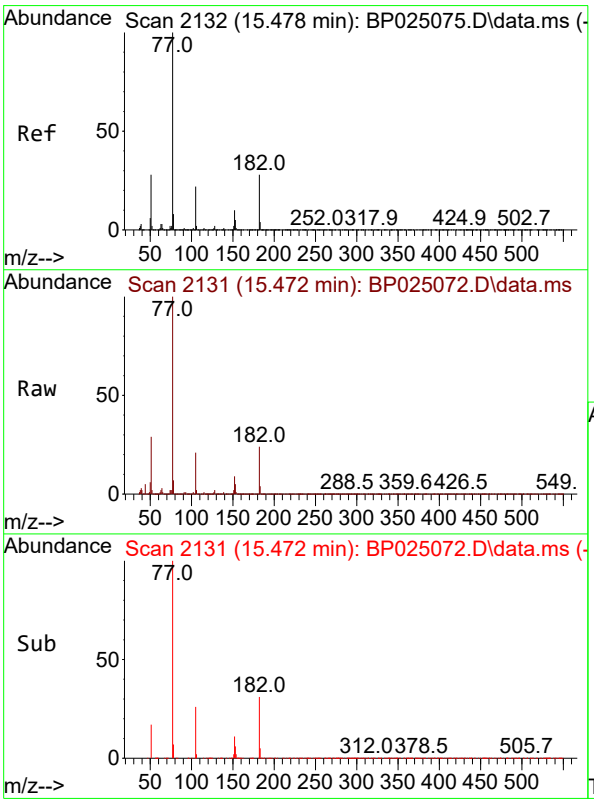
#62
4-Nitroaniline
Concen: 3.594 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 54190

Ion	Ratio	Lower	Upper
138	100		
92	50.4	26.0	66.0
108	80.2	50.0	90.0

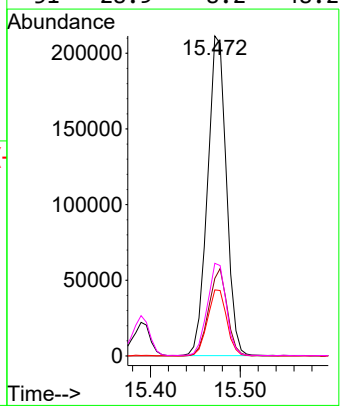


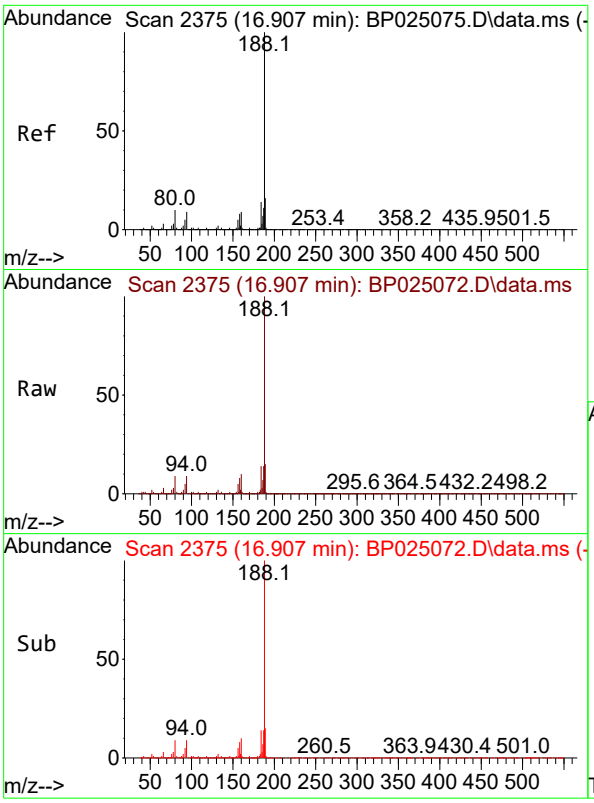


#63
Azobenzene
Concen: 4.995 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 77 Resp: 307304

Ion	Ratio	Lower	Upper
77	100		
182	24.3	7.7	47.7
105	20.6	1.9	41.9
51	28.9	8.2	48.2



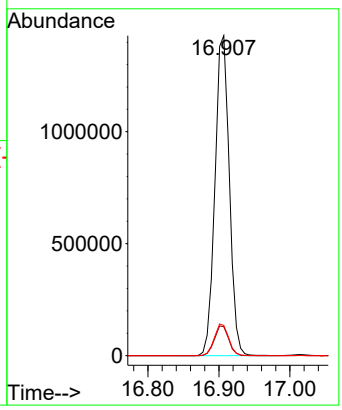


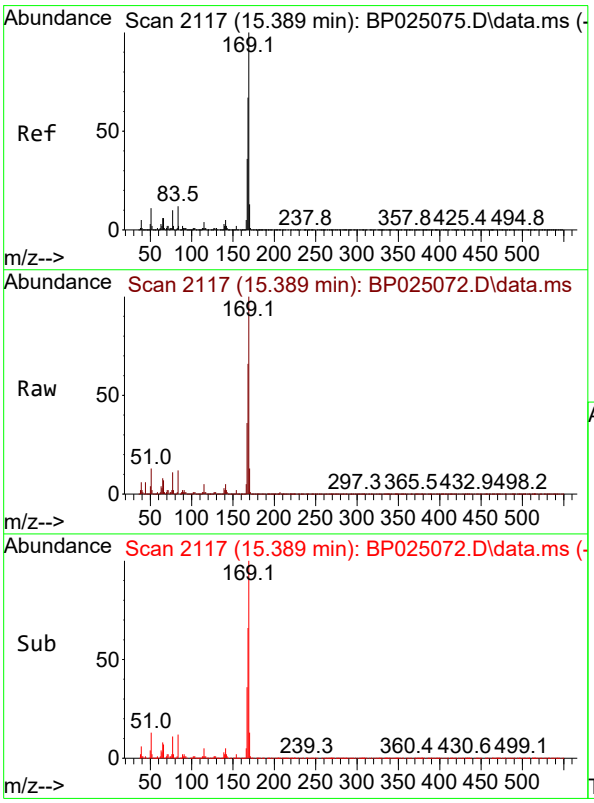
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 1998531

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.5	7.8	11.6

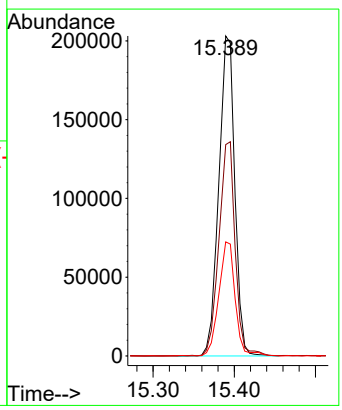


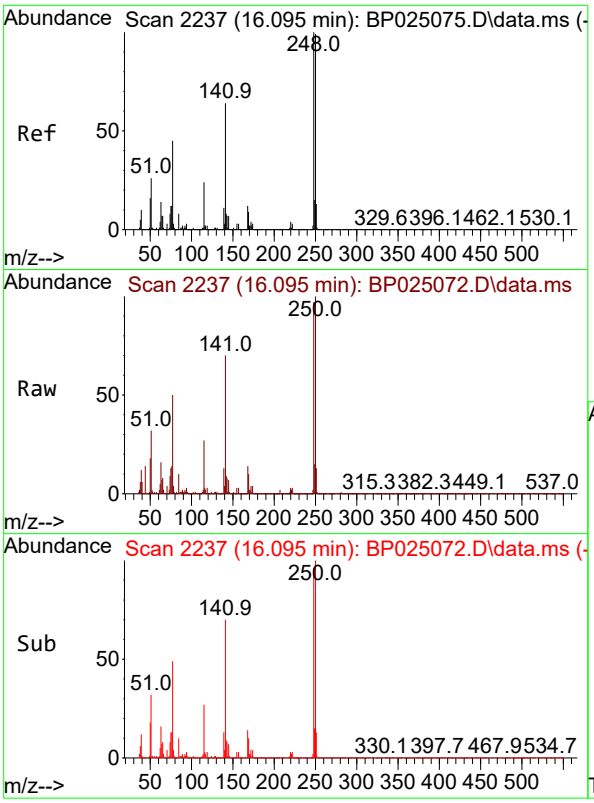


#66
n-Nitrosodiphenylamine
Concen: 4.863 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:169 Resp: 278113

Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.1	81.1
167	35.7	29.0	43.6



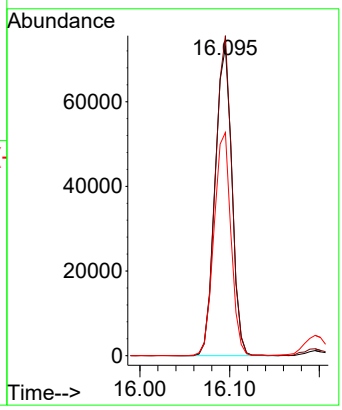


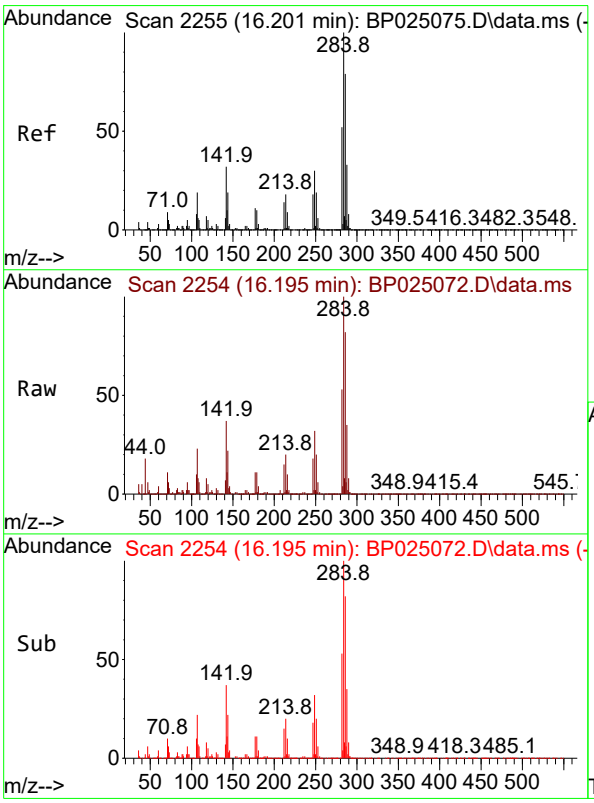
#67
4-Bromophenyl-phenylether
Concen: 4.658 ng
RT: 16.095 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 95310

Ion	Ratio	Lower	Upper
248	100		
250	103.6	79.4	119.2
141	72.3	51.4	77.0

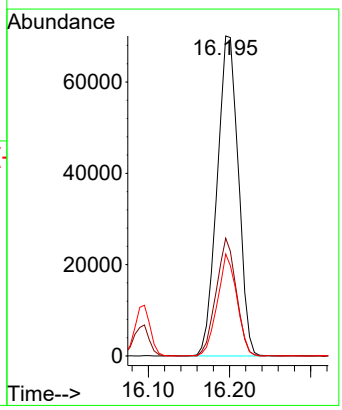


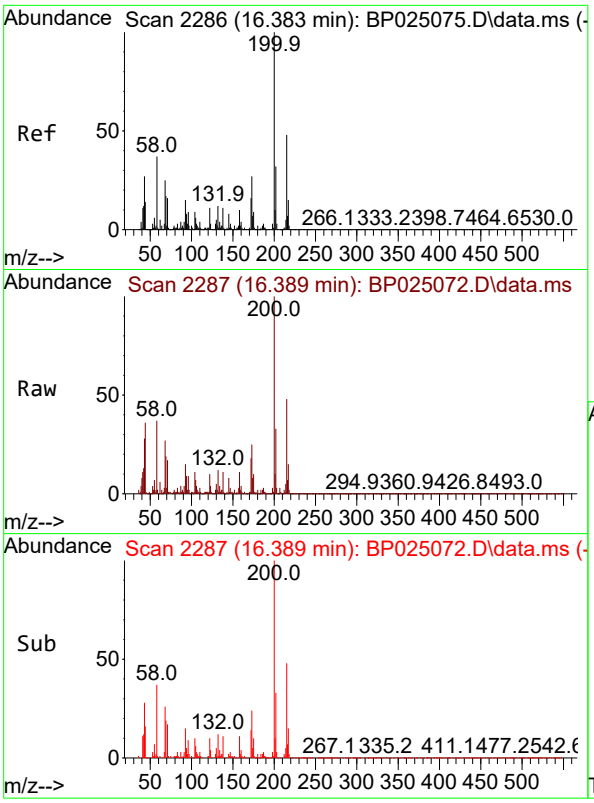


#68
Hexachlorobenzene
Concen: 5.093 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:284 Resp: 127389

Ion	Ratio	Lower	Upper
284	100		
142	36.8	25.9	38.9
249	31.9	23.8	35.8



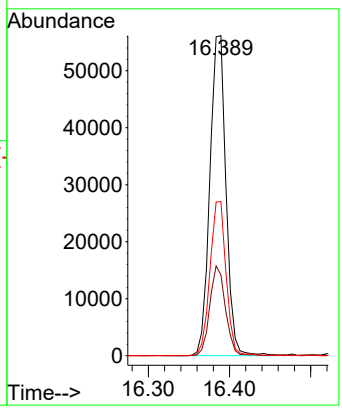


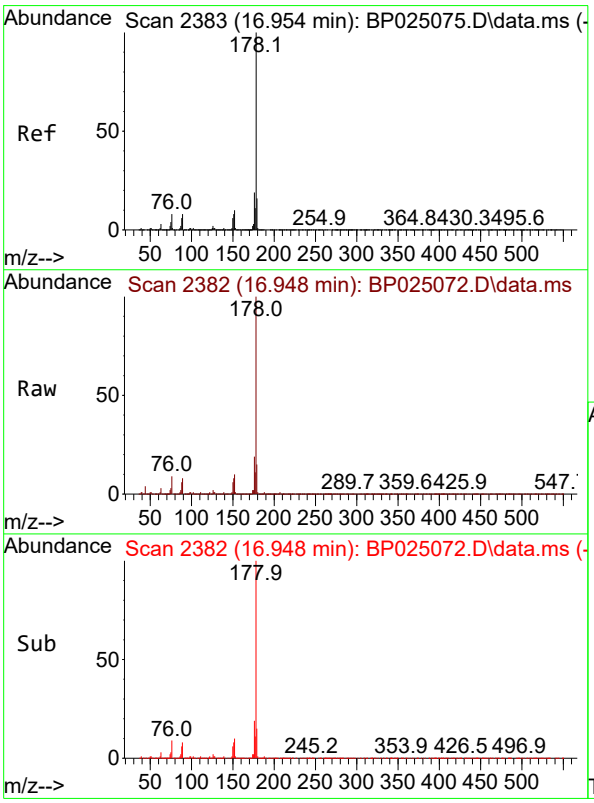
#69
Atrazine
Concen: 4.620 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 77424

Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.6	46.6
215	48.2	28.0	68.0

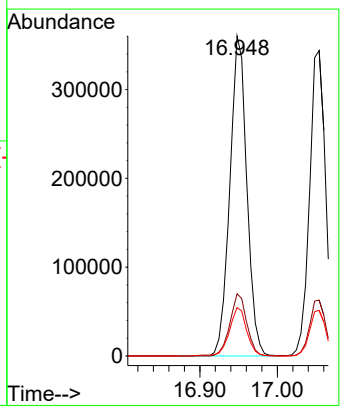


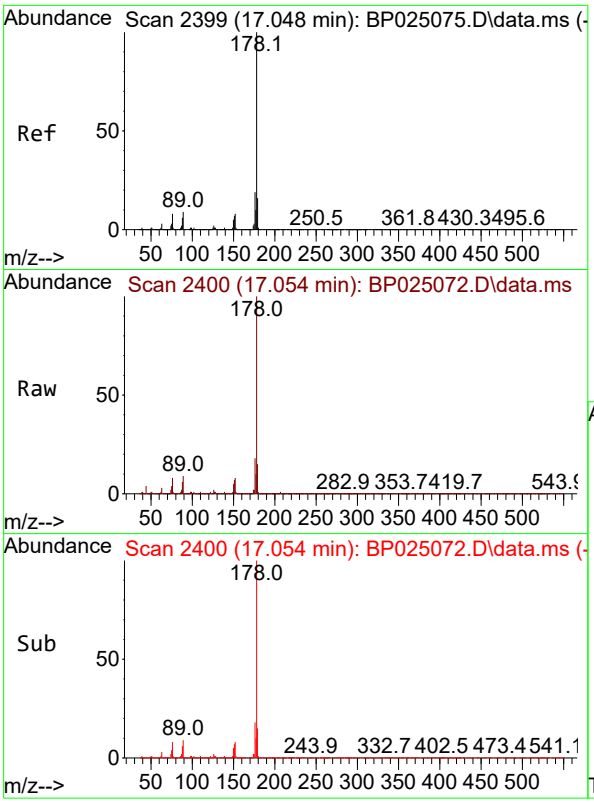


#71
Phenanthrene
Concen: 5.156 ng
RT: 16.948 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:178 Resp: 550598

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.1	12.6	19.0



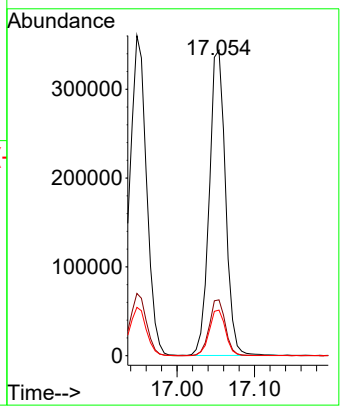


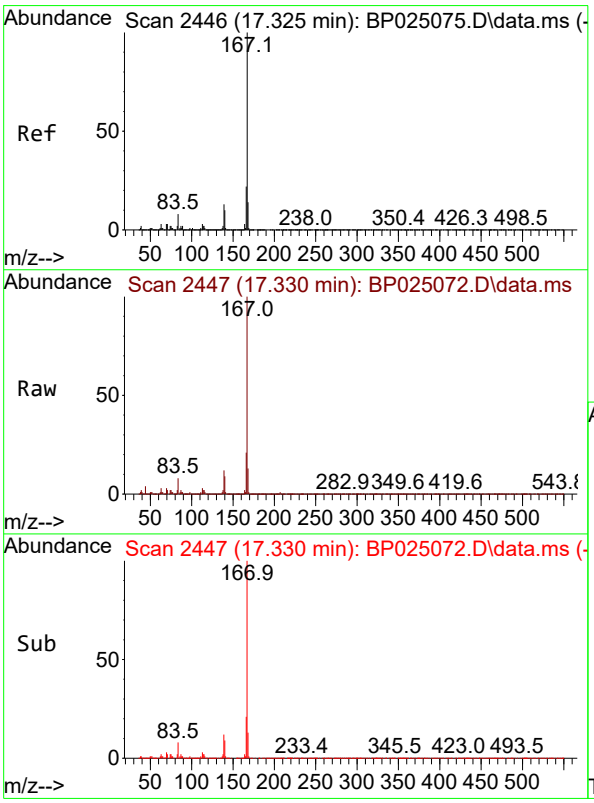
#72
Anthracene
Concen: 4.868 ng
RT: 17.054 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 498692

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	14.9	12.5	18.7

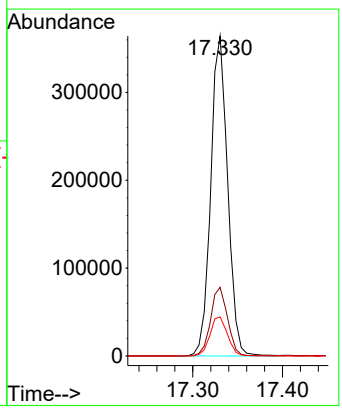


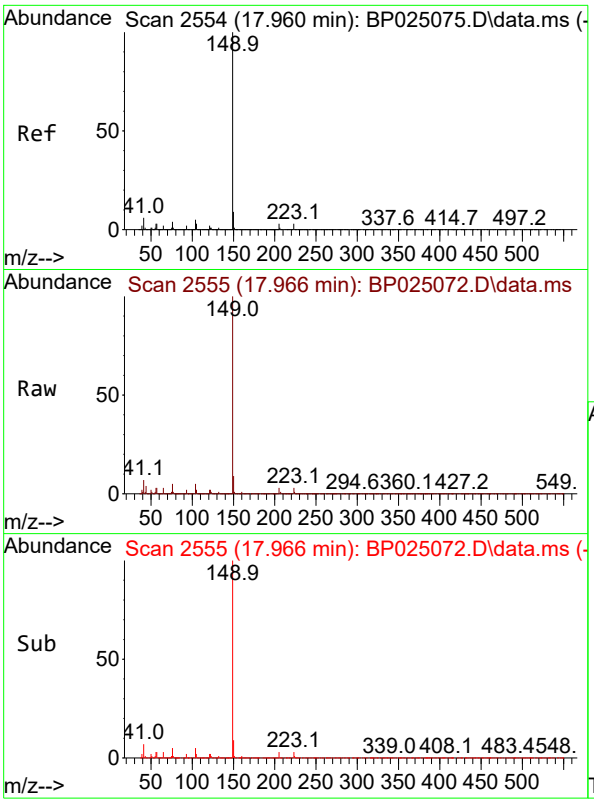


#73
Carbazole
Concen: 4.758 ng
RT: 17.330 min Scan# 2447
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:167 Resp: 476619

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.2	10.4	15.6



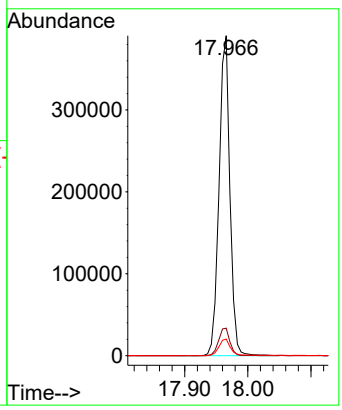


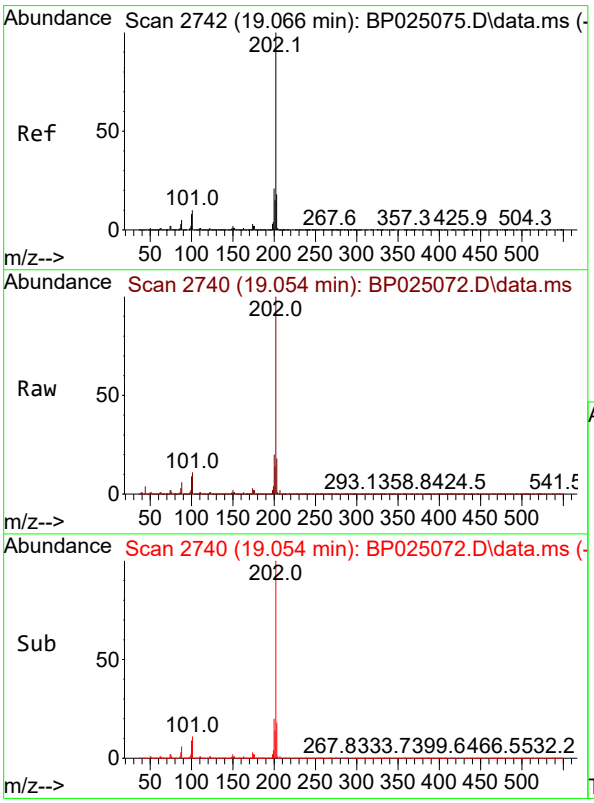
#74
Di-n-butylphthalate
Concen: 4.162 ng
RT: 17.966 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 464272

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	5.2	3.8	5.6

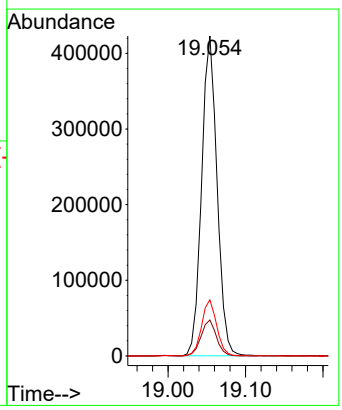


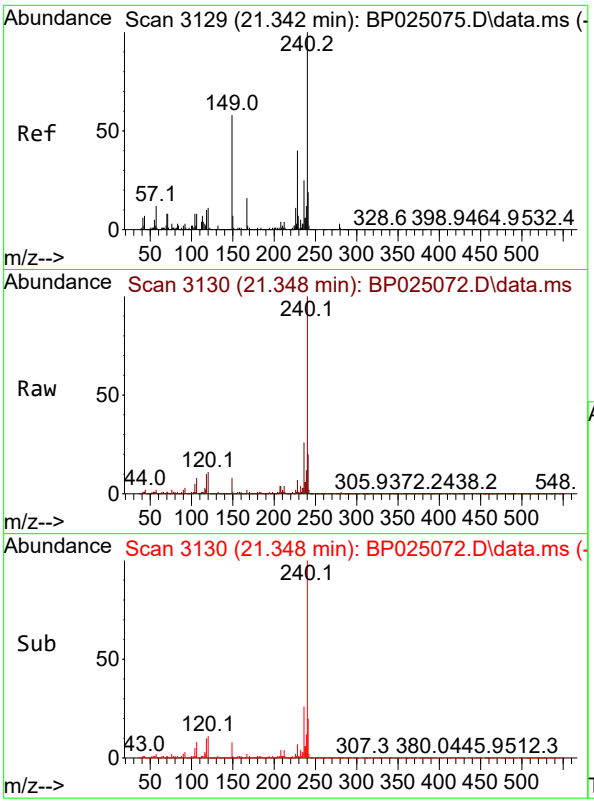


#75
Fluoranthene
Concen: 4.684 ng
RT: 19.054 min Scan# 2740
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:202 Resp: 584660

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.4
203	17.6	0.0	37.6



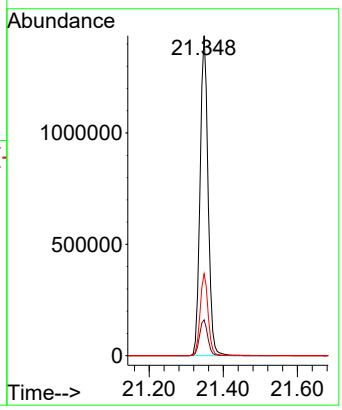


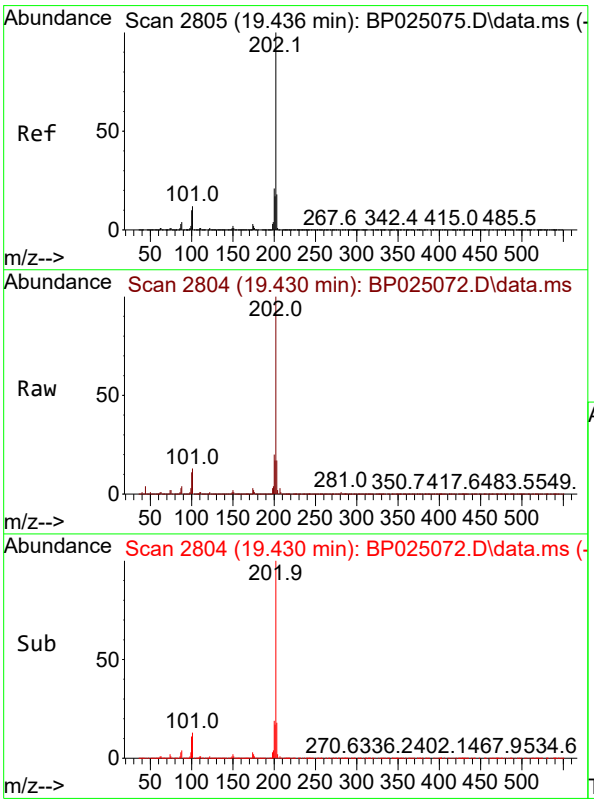
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 2143770

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.6	20.3	30.5

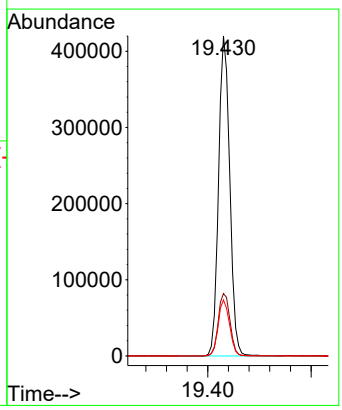


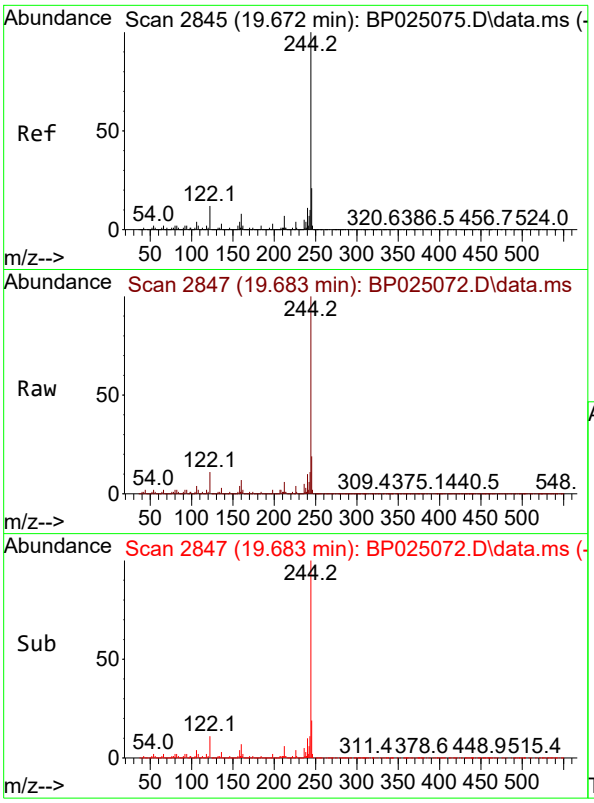


#78
Pyrene
Concen: 4.750 ng
RT: 19.430 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:202 Resp: 630754

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.1	25.7
203	17.5	14.1	21.1



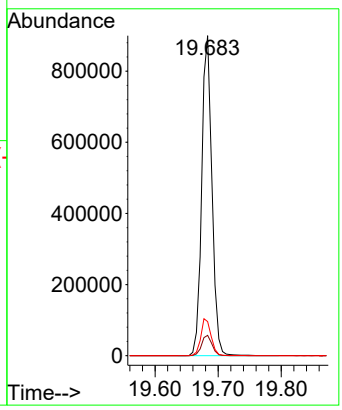


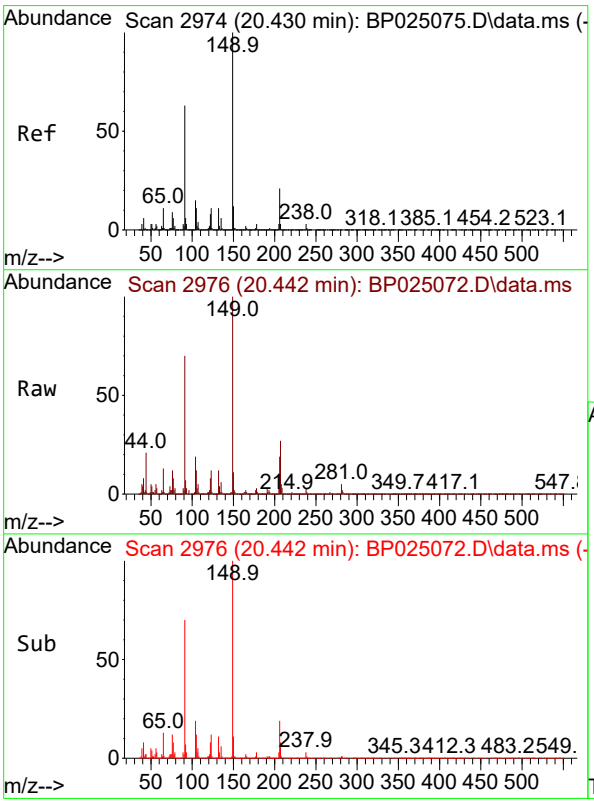
#79
Terphenyl-d14
Concen: 10.363 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 1010825

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	10.6	9.4	14.2

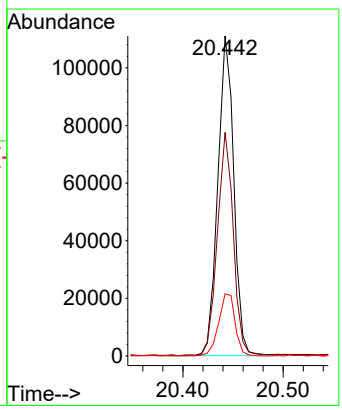


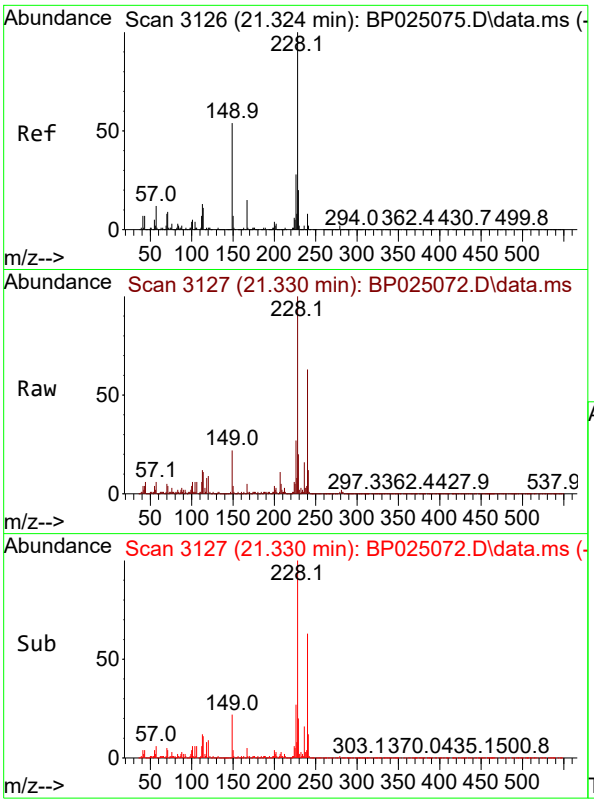


#80
Butylbenzylphthalate
Concen: 5.890 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:149 Resp: 122350

Ion	Ratio	Lower	Upper
149	100		
91	69.9	50.6	76.0
206	19.4	17.2	25.8



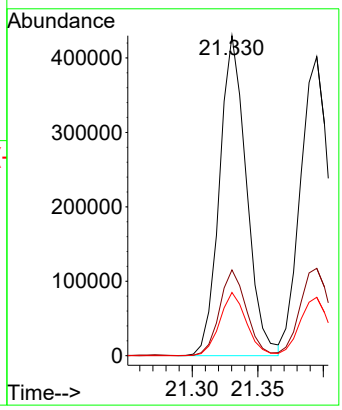


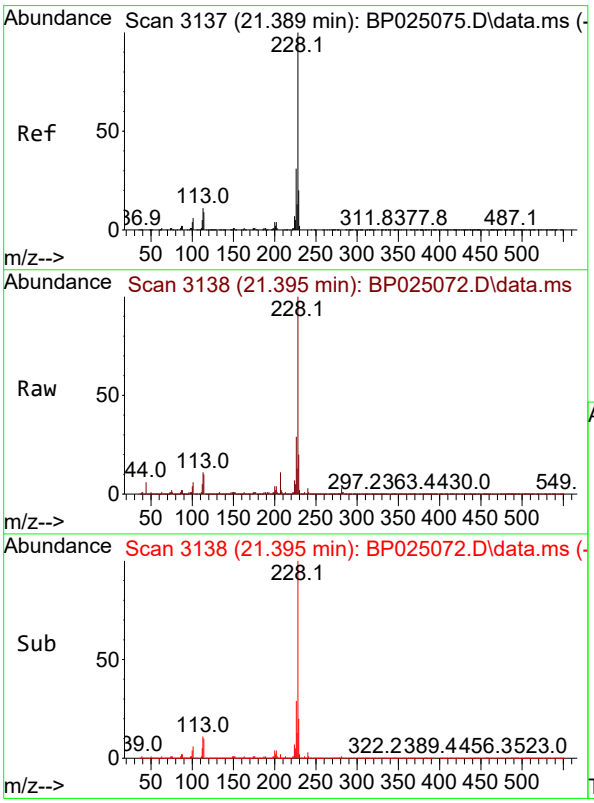
#81
Benzo(a)anthracene
Concen: 4.729 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 614350

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.7	16.0	24.0

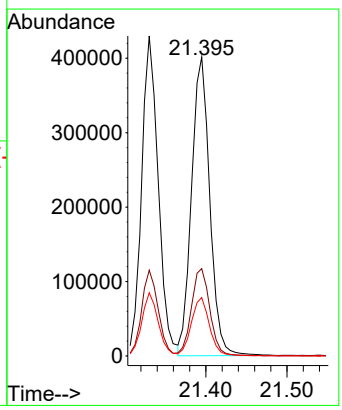


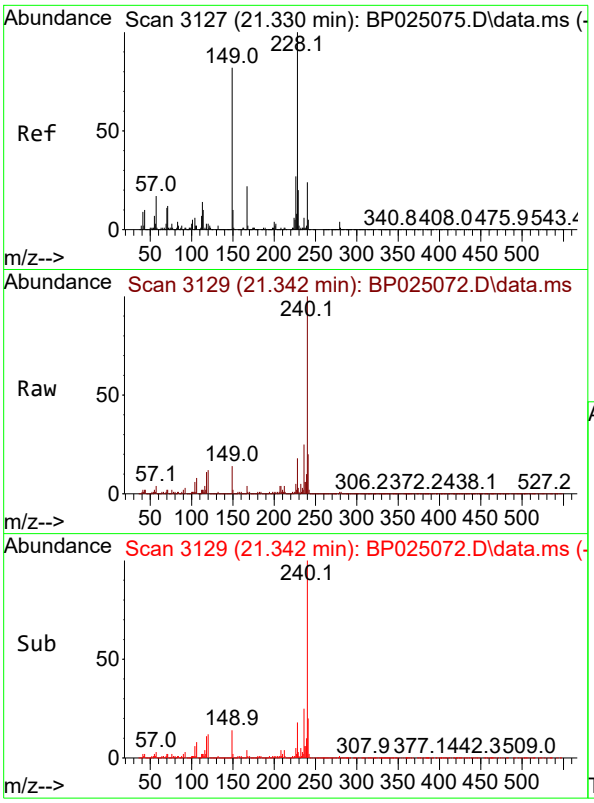


#83
Chrysene
Concen: 5.013 ng
RT: 21.395 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:228 Resp: 626717

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.4	36.6
229	19.5	16.0	24.0



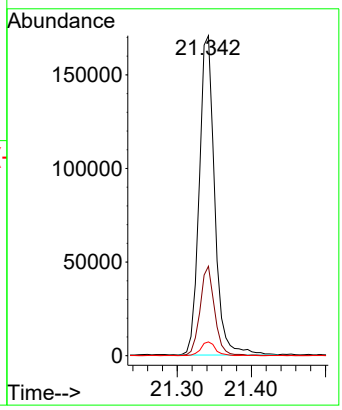


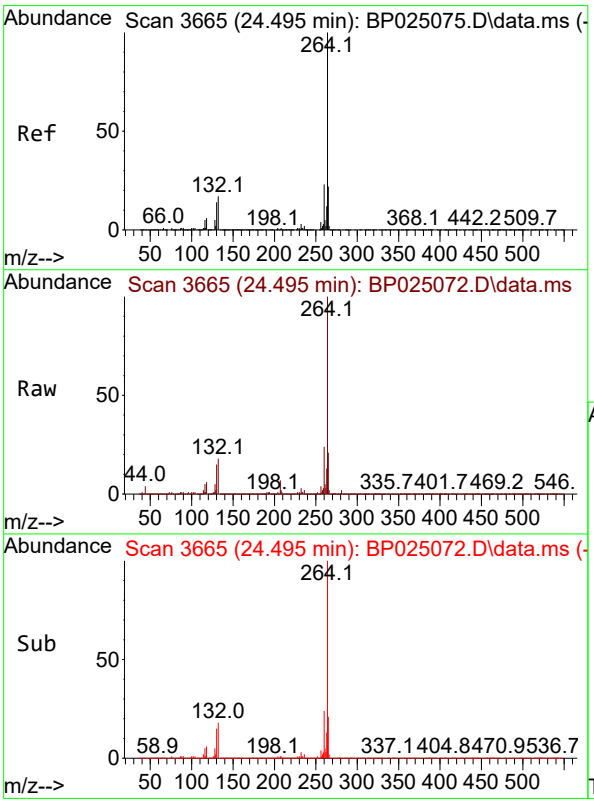
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.541 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 246749

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.9	32.9
279	4.3	3.5	5.3

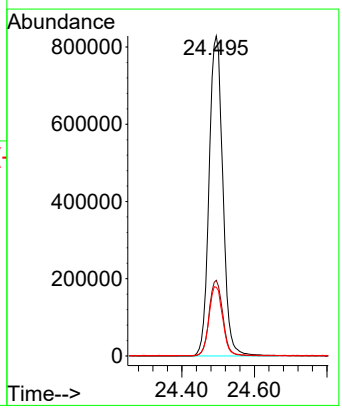


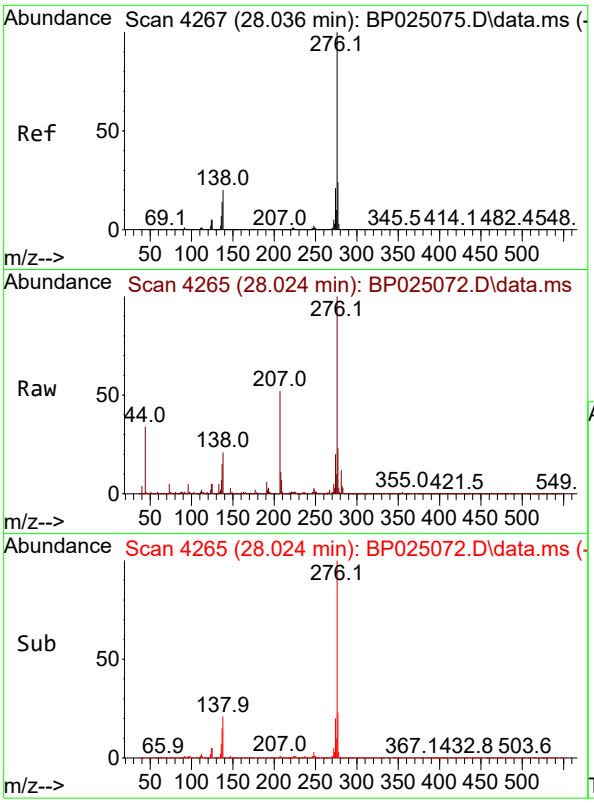


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:264 Resp: 2178150

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.5	17.7	26.5



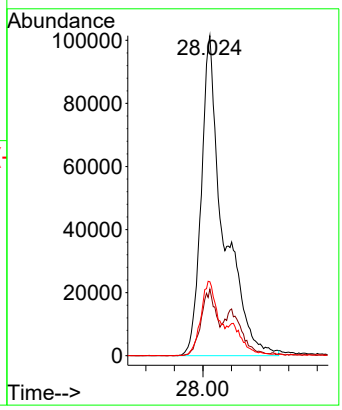


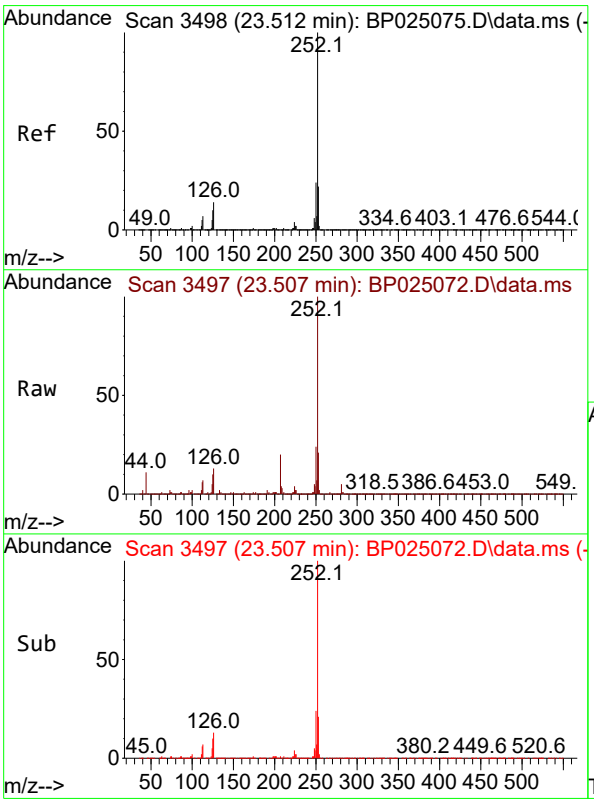
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.935 ng m
RT: 28.024 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 546143

Ion	Ratio	Lower	Upper
276	100		
138	14.0	13.0	19.6
277	17.8	15.9	23.9

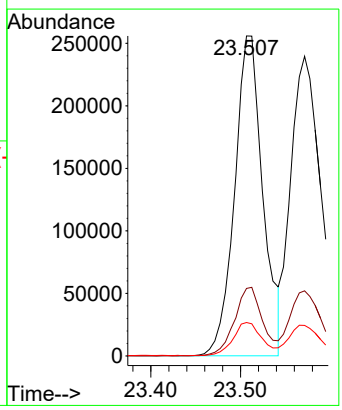


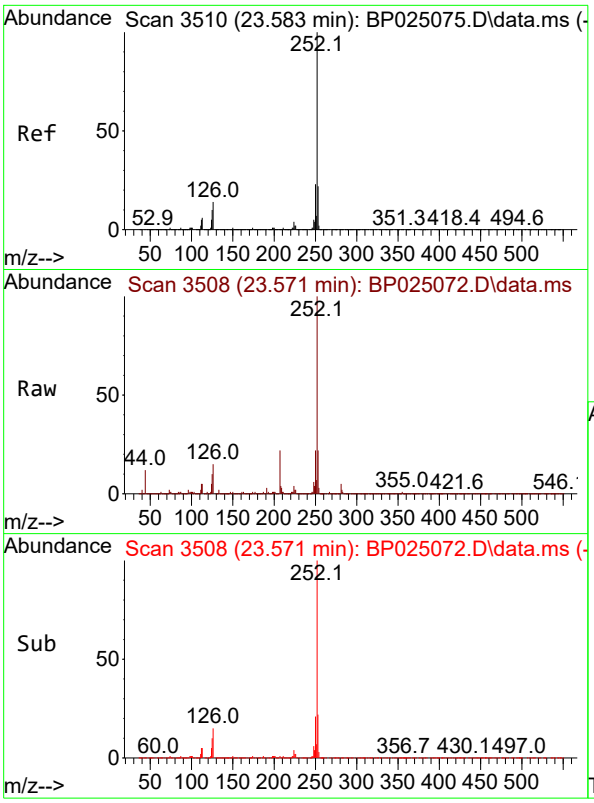


#88
Benzo(b)fluoranthene
Concen: 4.418 ng
RT: 23.507 min Scan# 3497
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:252 Resp: 560057

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.7	26.5
125	10.5	8.1	12.1



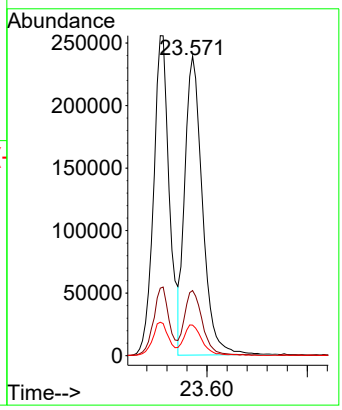


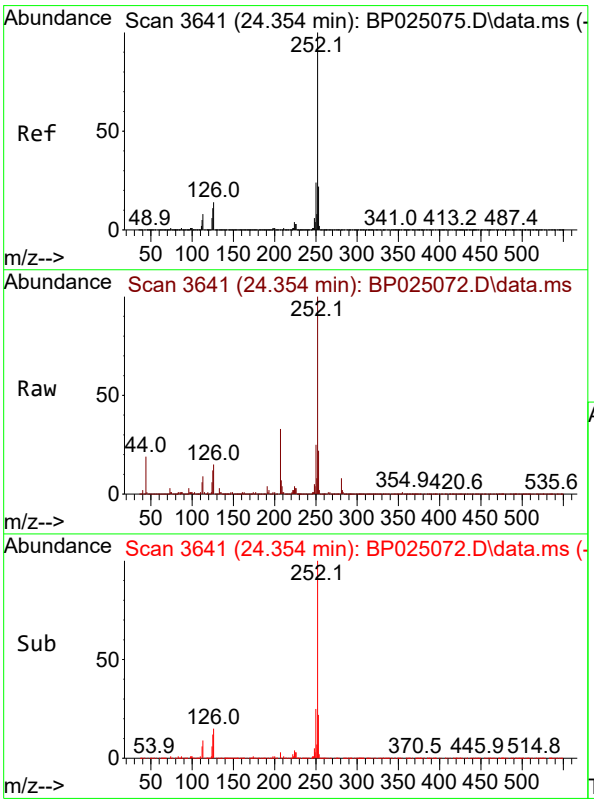
#89
Benzo(k)fluoranthene
Concen: 4.619 ng
RT: 23.571 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 582662

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.2	8.2	12.2

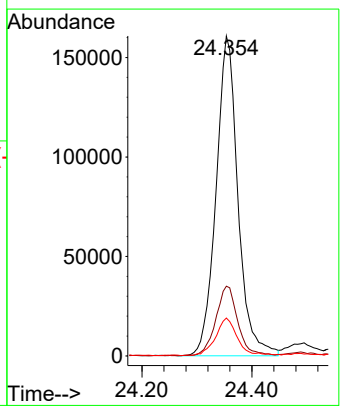


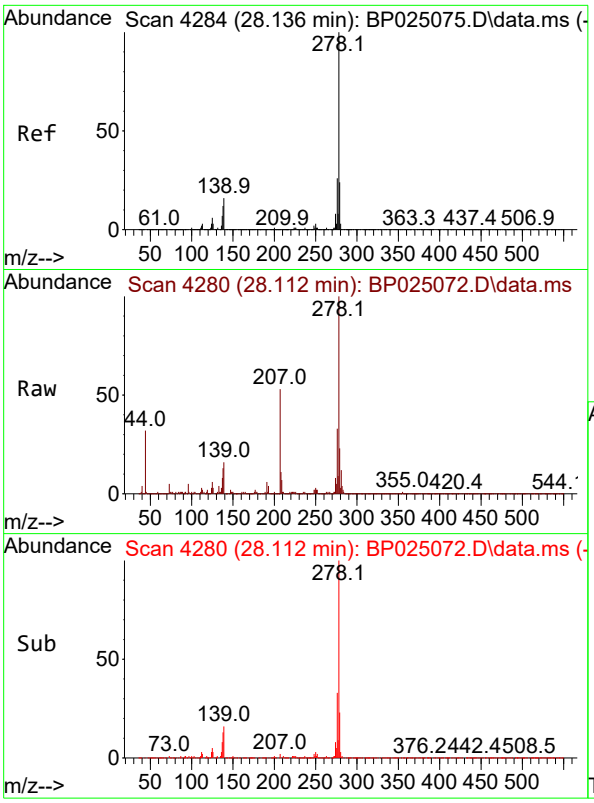


#90
Benzo(a)pyrene
Concen: 4.121 ng
RT: 24.354 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:252 Resp: 444644

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.8	9.0	13.4



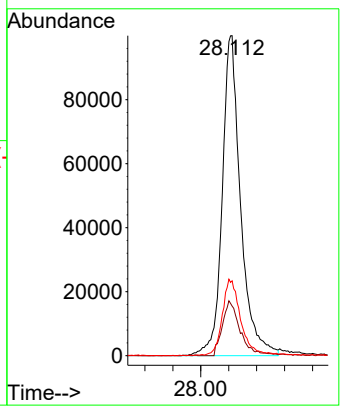


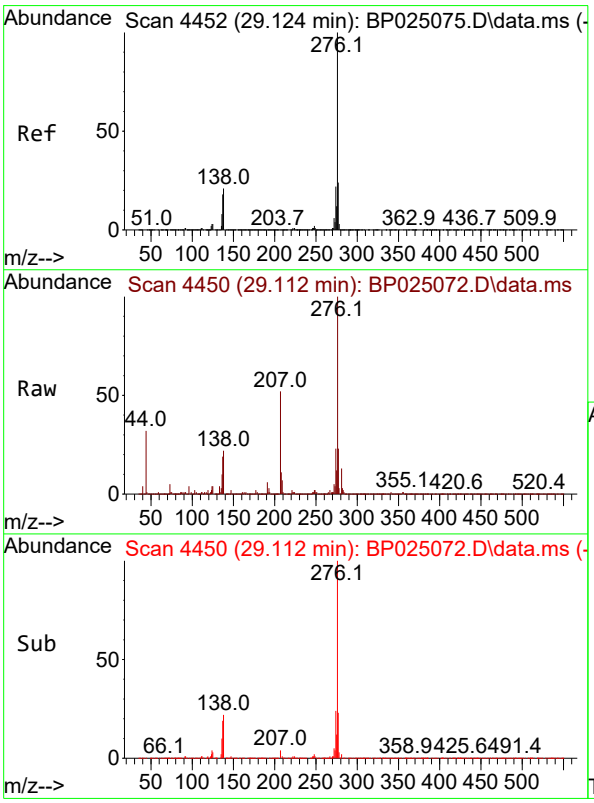
#91
Dibenzo(a,h)anthracene
Concen: 3.988 ng
RT: 28.112 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 457436

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.1	19.7
279	23.4	18.9	28.3

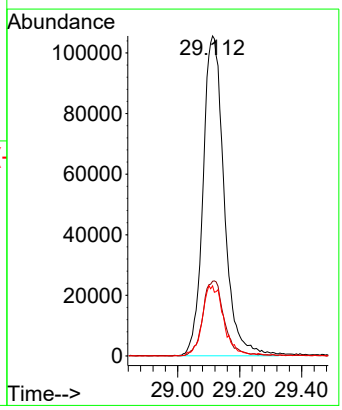




#92
Benzo(g,h,i)perylene
Concen: 4.207 ng
RT: 29.112 min Scan# 4450
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:276 Resp: 498456

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	21.9	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.449	152	342992	20.000	ng		0.00
21) Naphthalene-d8	10.196	136	1376560	20.000	ng		0.01
39) Acenaphthene-d10	14.096	164	924609	20.000	ng		0.00
64) Phenanthrene-d10	16.913	188	1970410	20.000	ng		0.00
76) Chrysene-d12	21.342	240	2172955	20.000	ng		0.00
86) Perylene-d12	24.489	264	2220570	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	376746	19.462	ng		0.00
7) Phenol-d6	6.631	99	482699	19.108	ng		0.00
23) Nitrobenzene-d5	8.566	82	381978	18.454	ng		0.00
42) 2,4,6-Tribromophenol	15.619	330	198235	18.149	ng		0.00
45) 2-Fluorobiphenyl	12.701	172	1211432	20.297	ng		0.00
79) Terphenyl-d14	19.672	244	1997838	20.207	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	77575	10.306	ng		98
3) Pyridine	3.490	79	197662	9.598	ng		97
4) n-Nitrosodimethylamine	3.408	42	85827	9.836	ng	#	92
6) Aniline	6.790	93	227023	9.619	ng		98
8) 2-Chlorophenol	7.014	128	206980	9.556	ng		96
9) Benzaldehyde	6.602	77	154921	11.743	ng		98
10) Phenol	6.655	94	250593	9.763	ng		99
11) bis(2-Chloroethyl)ether	6.890	93	195263	9.885	ng		98
12) 1,3-Dichlorobenzene	7.343	146	245857	10.143	ng		98
13) 1,4-Dichlorobenzene	7.478	146	245523	10.004	ng		98
14) 1,2-Dichlorobenzene	7.790	146	237961	10.079	ng		98
15) Benzyl Alcohol	7.678	79	152168	9.025	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.978	45	260708	10.150	ng		97
17) 2-Methylphenol	7.878	107	155778	9.422	ng		98
18) Hexachloroethane	8.502	117	75576	9.453	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	146424	9.774	ng		97
20) 3+4-Methylphenols	8.196	107	213641	9.225	ng		97
22) Acetophenone	8.243	105	330725	10.159	ng		98
24) Nitrobenzene	8.608	77	201551	9.560	ng		99
25) Isophorone	9.137	82	367740	9.507	ng		100
26) 2-Nitrophenol	9.313	139	63769	9.106	ng		92
27) 2,4-Dimethylphenol	9.390	122	134296	9.307	ng		97
28) bis(2-Chloroethoxy)met...	9.625	93	255336	9.722	ng		99
29) 2,4-Dichlorophenol	9.843	162	181263	9.059	ng		99
30) 1,2,4-Trichlorobenzene	10.066	180	219650	9.913	ng		99
31) Naphthalene	10.243	128	709141	10.005	ng		99
32) Benzoic acid	9.455	122	79225	10.455	ng		95
33) 4-Chloroaniline	10.343	127	254489	9.621	ng		98
34) Hexachlorobutadiene	10.549	225	124190	9.767	ng		99
35) Caprolactam	11.084	113	59547	8.700	ng		94
36) 4-Chloro-3-methylphenol	11.478	107	192224	9.193	ng		99
37) 2-Methylnaphthalene	11.872	142	489608	9.790	ng		99
38) 1-Methylnaphthalene	12.084	142	484403	9.931	ng		100
40) 1,2,4,5-Tetrachloroben...	12.249	216	253871	9.554	ng		99
41) Hexachlorocyclopentadiene	12.243	237	55283	7.965	ng		96
43) 2,4,6-Trichlorophenol	12.490	196	136269	8.469	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

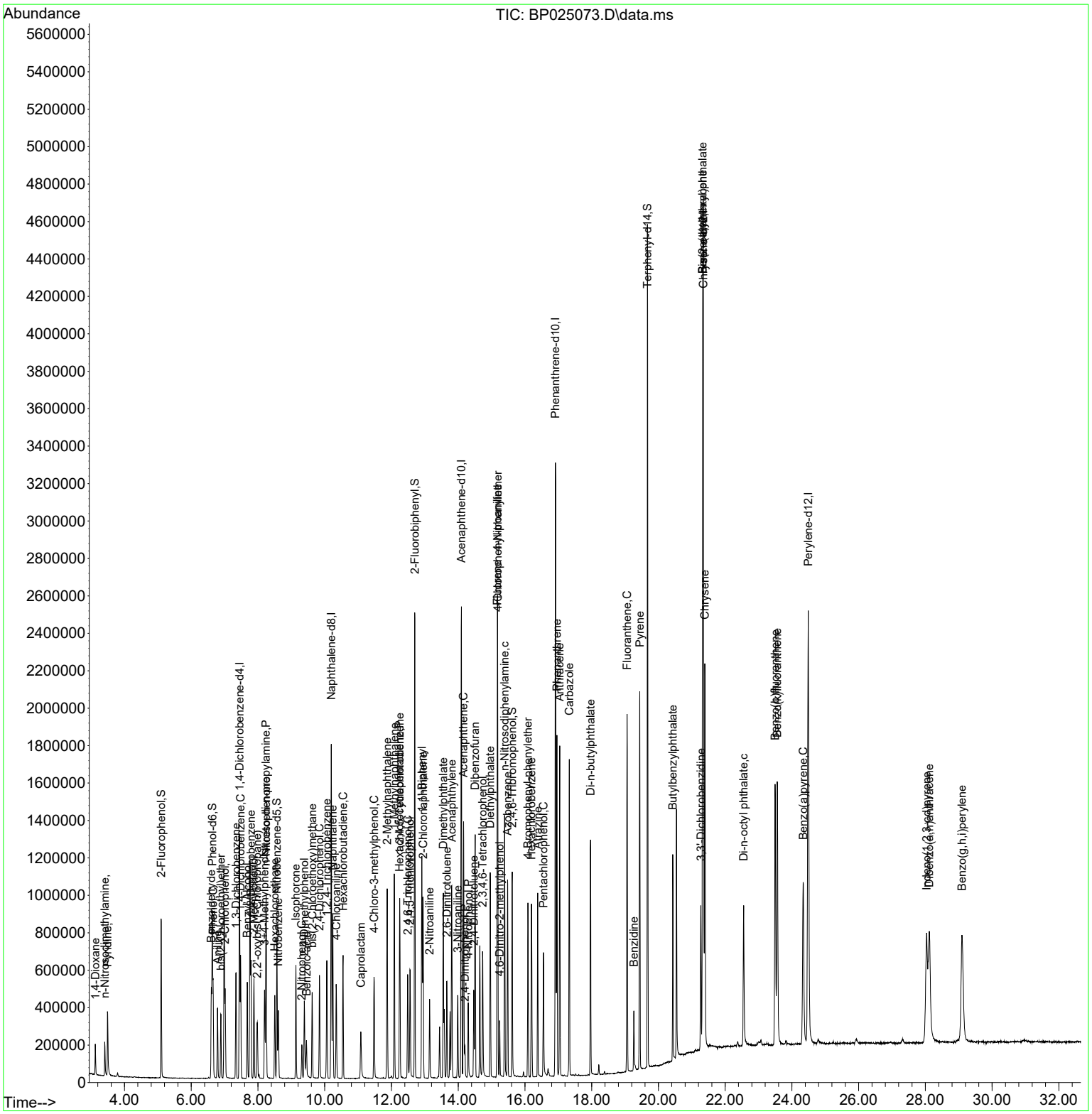
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	161200	8.840	ng		98
46) 1,1'-Biphenyl	12.913	154	663919	9.869	ng		99
47) 2-Chloronaphthalene	12.949	162	503580	9.959	ng		98
48) 2-Nitroaniline	13.143	65	85669	9.283	ng		97
49) Acenaphthylene	13.807	152	750027	9.692	ng		99
50) Dimethylphthalate	13.554	163	636102	9.828	ng		99
51) 2,6-Dinitrotoluene	13.660	165	110177	8.728	ng		95
52) Acenaphthene	14.160	154	496424m	9.953	ng		
53) 3-Nitroaniline	13.990	138	114723	8.481	ng	#	95
54) 2,4-Dinitrophenol	14.201	184	35399	10.737	ng		96
55) Dibenzofuran	14.507	168	838464	10.186	ng		100
56) 4-Nitrophenol	14.301	139	98038	7.853	ng		92
57) 2,4-Dinitrotoluene	14.466	165	131885	9.365	ng		98
58) Fluorene	15.172	166	639683	10.047	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	146800	8.890	ng		97
60) Diethylphthalate	14.960	149	636288	9.788	ng		98
61) 4-Chlorophenyl-phenyle...	15.184	204	317737	10.084	ng		98
62) 4-Nitroaniline	15.178	138	123493	8.706	ng		93
63) Azobenzene	15.478	77	589360	10.181	ng		97
65) 4,6-Dinitro-2-methylph...	15.243	198	52978	10.800	ng		87
66) n-Nitrosodiphenylamine	15.390	169	539820	9.573	ng		99
67) 4-Bromophenyl-phenylether	16.090	248	186736	9.256	ng		93
68) Hexachlorobenzene	16.195	284	236838	9.604	ng		98
69) Atrazine	16.384	200	164479	9.954	ng		100
70) Pentachlorophenol	16.554	266	129459	7.774	ng		98
71) Phenanthrene	16.960	178	1068228	10.146	ng		99
72) Anthracene	17.042	178	980773	9.710	ng		99
73) Carbazole	17.331	167	979377	9.917	ng		99
74) Di-n-butylphthalate	17.966	149	979540	8.907	ng		100
75) Fluoranthene	19.060	202	1203752	9.781	ng		99
77) Benzidine	19.266	184	192008	5.003	ng		99
78) Pyrene	19.442	202	1286495	9.559	ng		99
80) Butylbenzylphthalate	20.430	149	300028	9.024	ng		95
81) Benzo(a)anthracene	21.325	228	1276106	9.691	ng		99
82) 3,3'-Dichlorobenzidine	21.272	252	270931	6.834	ng		99
83) Chrysene	21.389	228	1246003	9.832	ng		99
84) Bis(2-ethylhexyl)phtha...	21.325	149	564998	7.999	ng		97
85) Di-n-octyl phthalate	22.554	149	662011	10.561	ng		97
87) Indeno(1,2,3-cd)pyrene	28.042	276	1222863	8.642	ng		98
88) Benzo(b)fluoranthene	23.495	252	1180548	9.134	ng		100
89) Benzo(k)fluoranthene	23.560	252	1252989	9.743	ng		99
90) Benzo(a)pyrene	24.342	252	963455	8.758	ng		99
91) Dibenzo(a,h)anthracene	28.118	278	1022797	8.747	ng		100
92) Benzo(g,h,i)perylene	29.095	276	1073371	8.886	ng		99

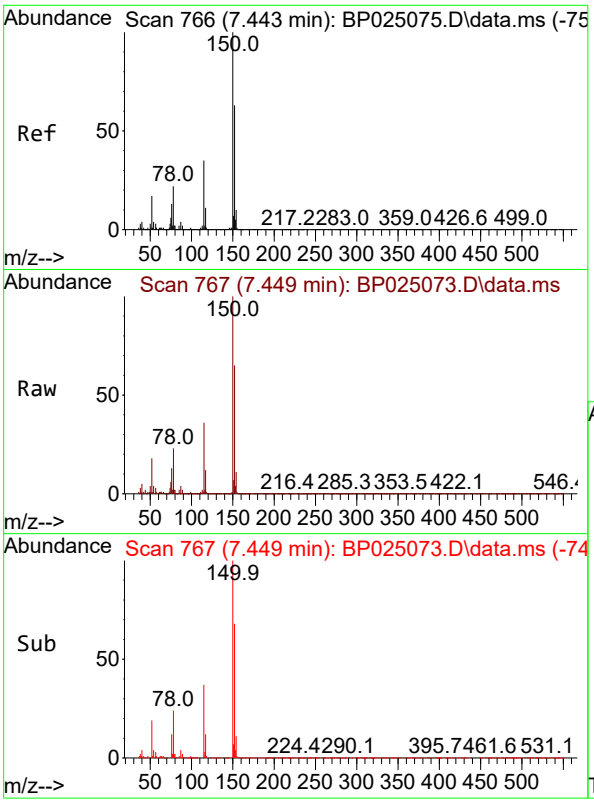
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



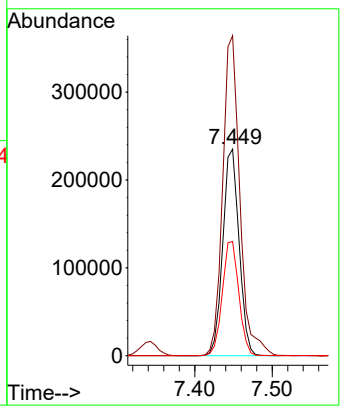


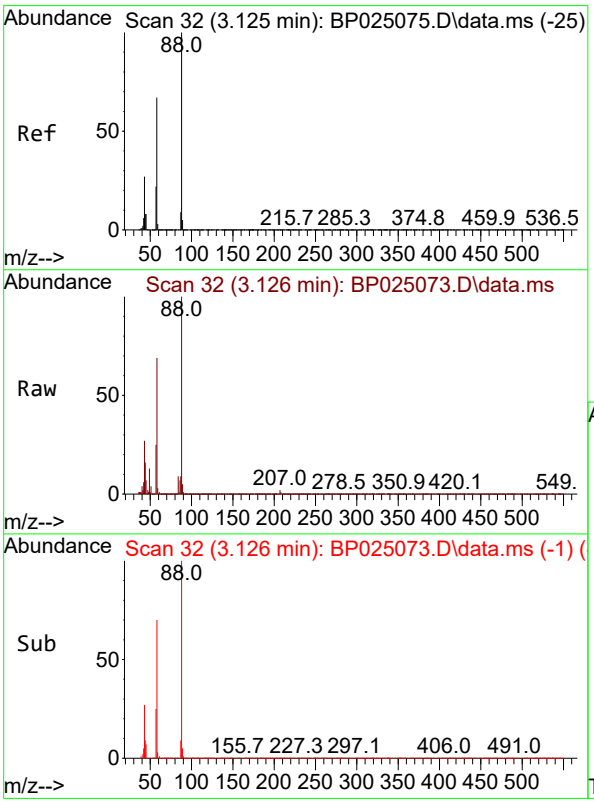
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.449 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 342992

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.1	189.1
115	55.2	44.3	66.5

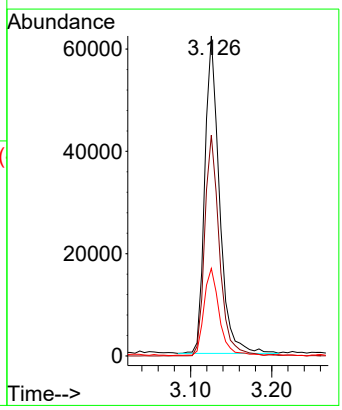


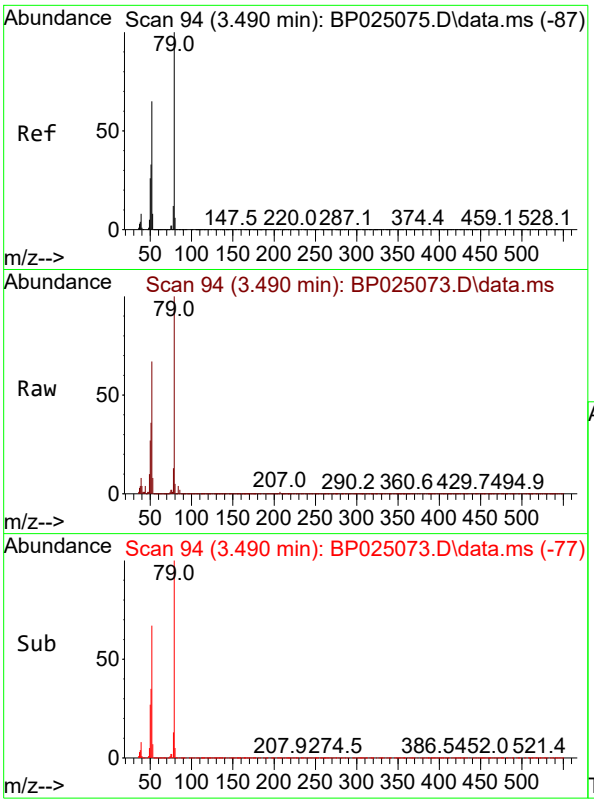


#2
1,4-Dioxane
Concen: 10.306 ng
RT: 3.126 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 88 Resp: 77575

Ion	Ratio	Lower	Upper
88	100		
58	70.0	55.0	82.4
43	28.7	21.9	32.9



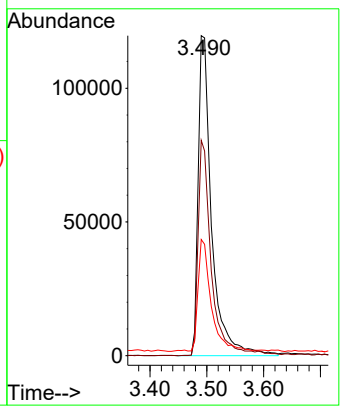


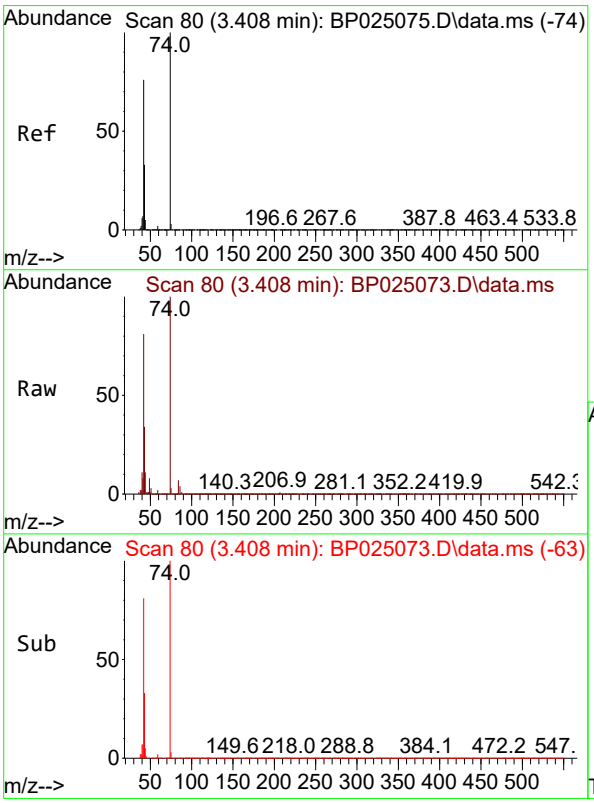
#3
Pyridine
Concen: 9.598 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 197662

Ion	Ratio	Lower	Upper
79	100		
52	67.3	52.2	78.4
51	36.3	26.8	40.2

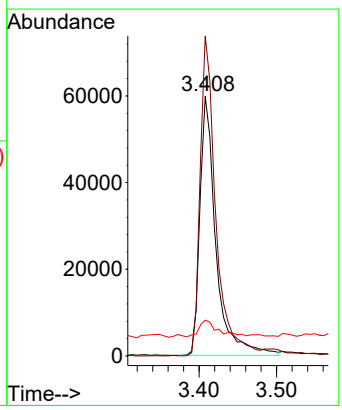


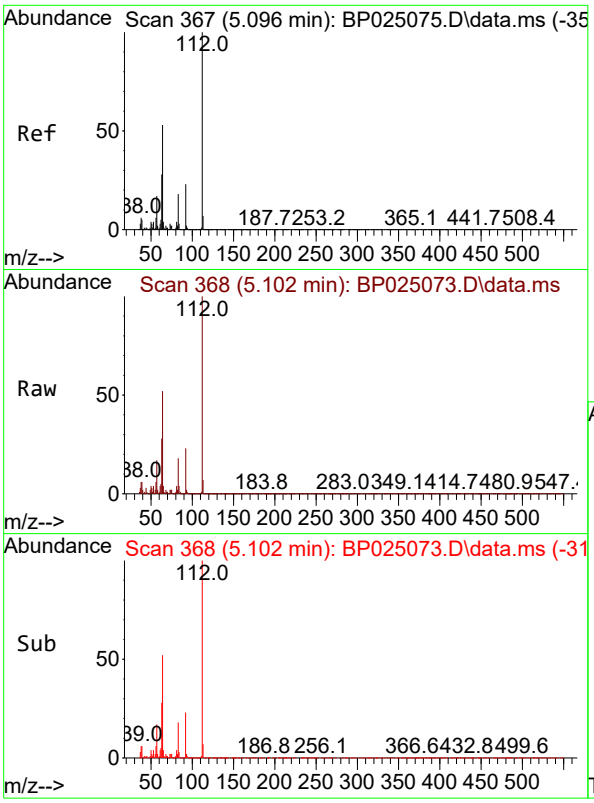


#4
n-Nitrosodimethylamine
Concen: 9.836 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 42 Resp: 85827

Ion	Ratio	Lower	Upper
42	100		
74	123.2	105.2	157.8
44	13.8	6.6	9.8#



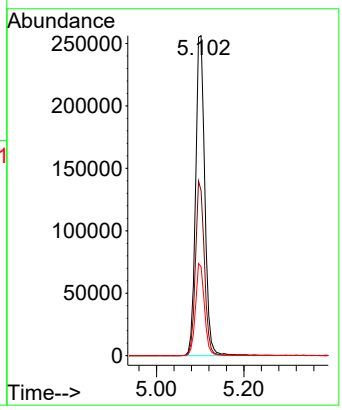


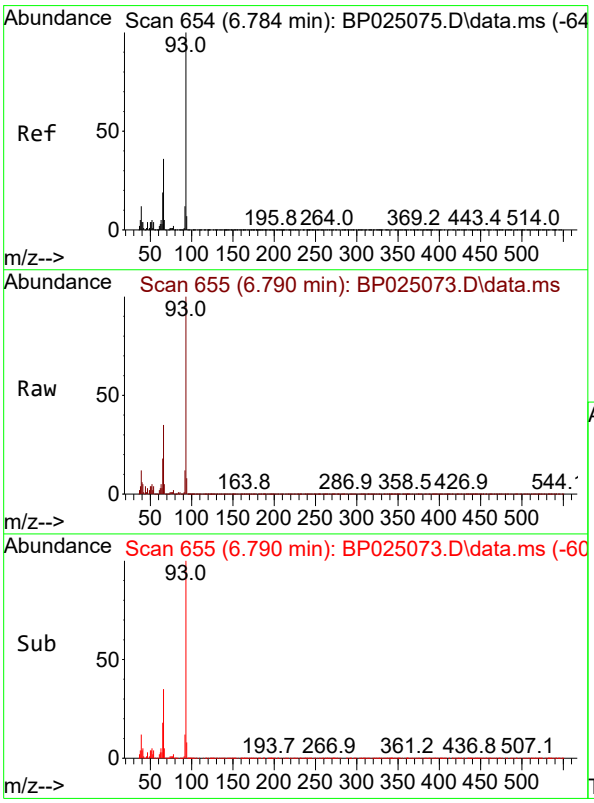
#5
2-Fluorophenol
Concen: 19.462 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 376746

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.0	63.0
63	27.7	22.2	33.2

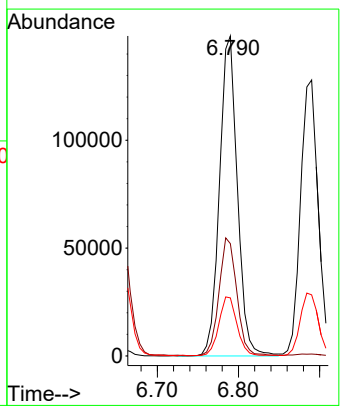


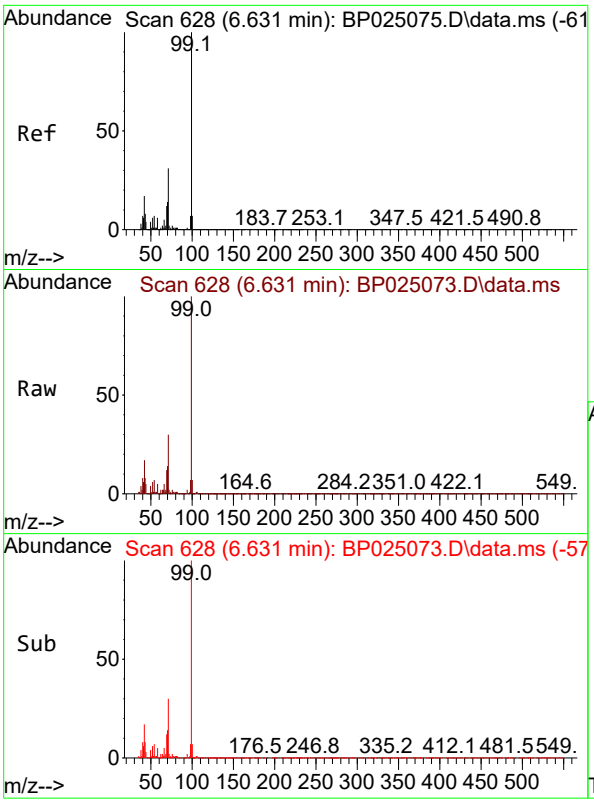


#6
Aniline
Concen: 9.619 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 93 Resp: 227023

Ion	Ratio	Lower	Upper
93	100		
66	35.1	28.9	43.3
65	18.2	15.2	22.8



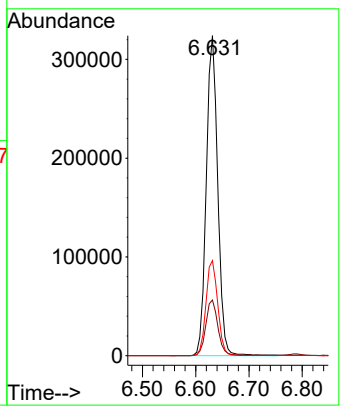


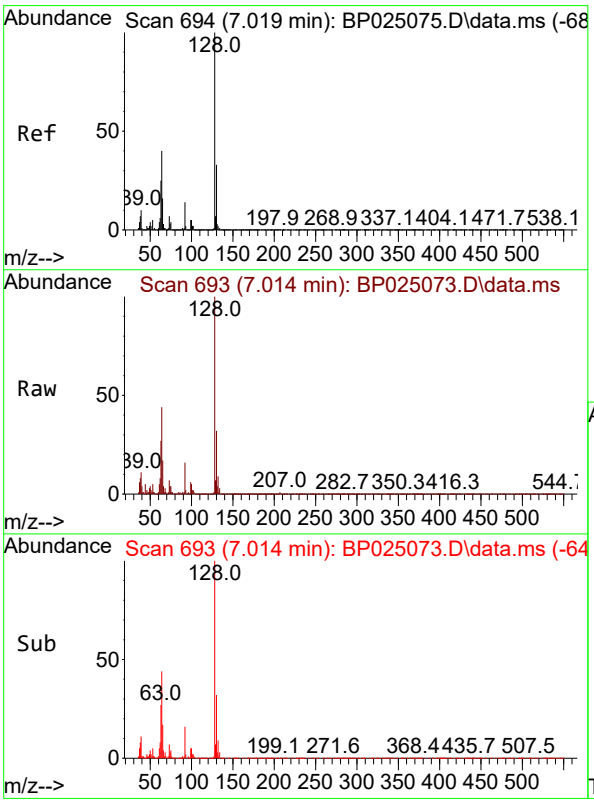
#7
Phenol-d6
Concen: 19.108 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 482699

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.6	20.4
71	29.7	24.4	36.6

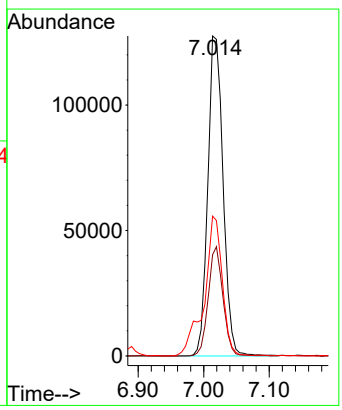


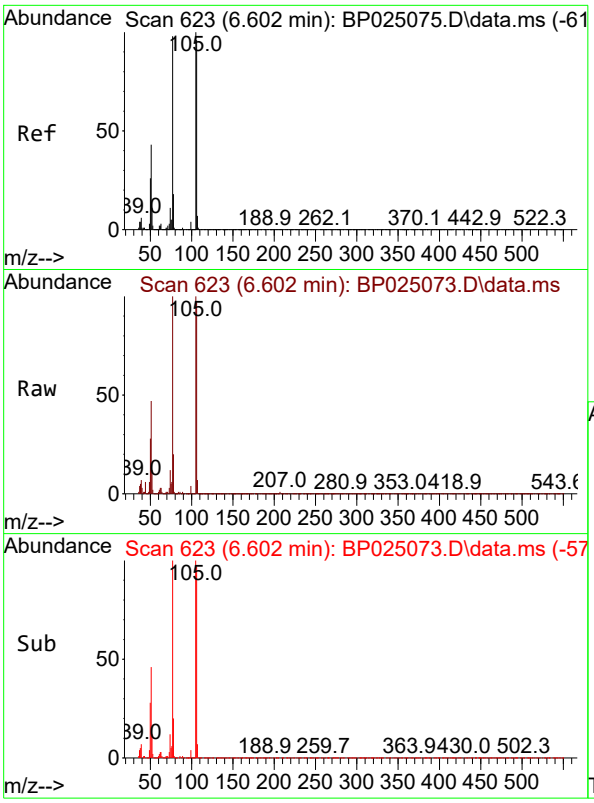


#8
2-Chlorophenol
Concen: 9.556 ng
RT: 7.014 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:128 Resp: 206980

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.9	52.9
64	43.7	20.3	60.3



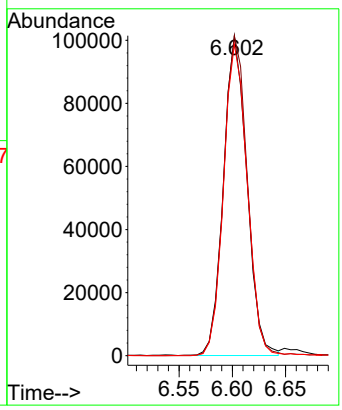


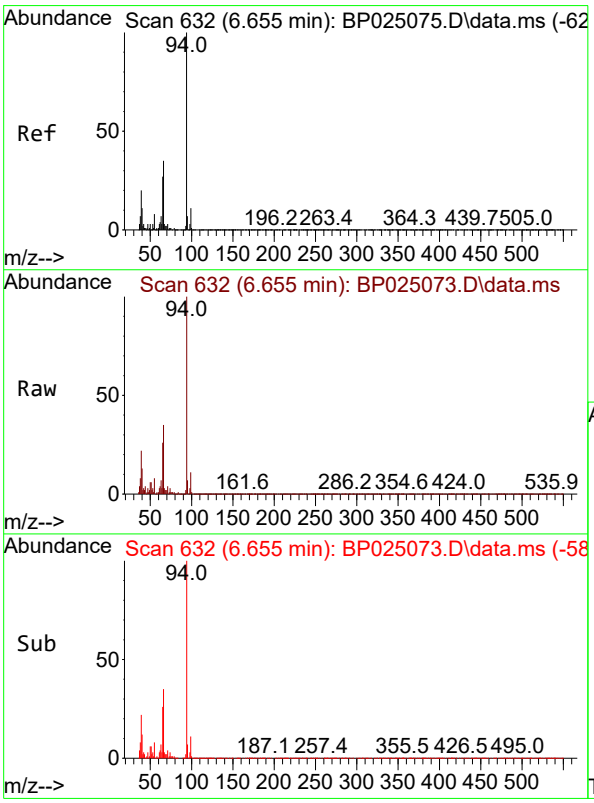
#9
Benzaldehyde
Concen: 11.743 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 154921

Ion	Ratio	Lower	Upper
77	100		
105	100.1	82.4	122.4
106	97.4	78.3	118.3

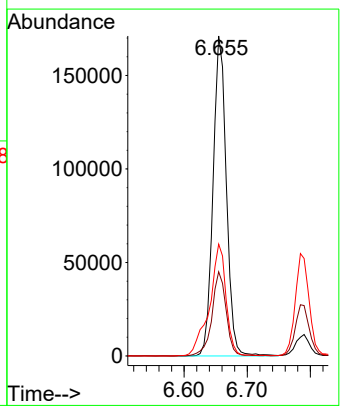


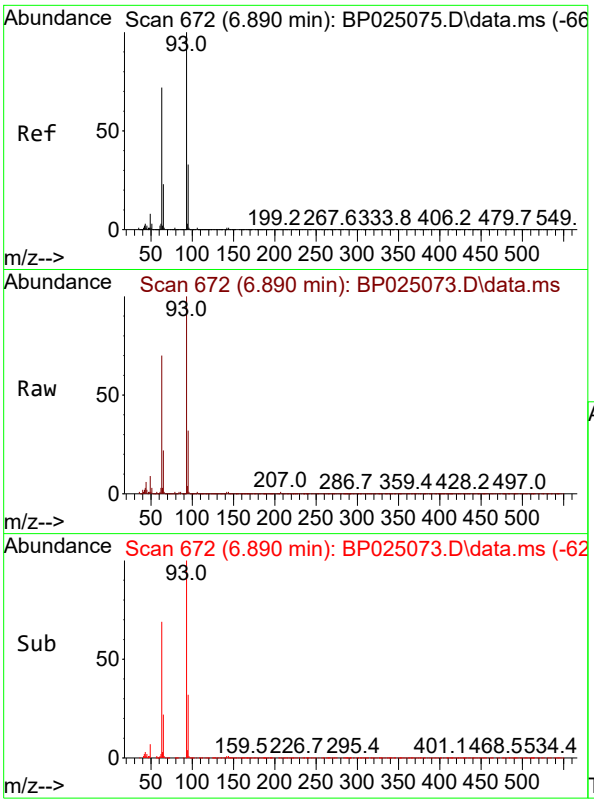


#10
Phenol
Concen: 9.763 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 94 Resp: 250593

Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.9	46.9
66	34.9	14.6	54.6



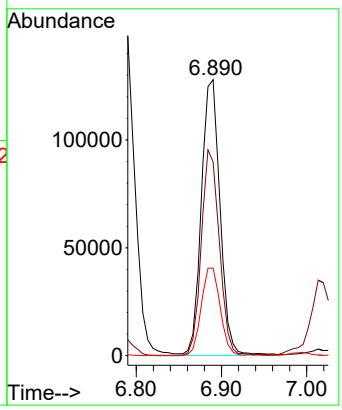


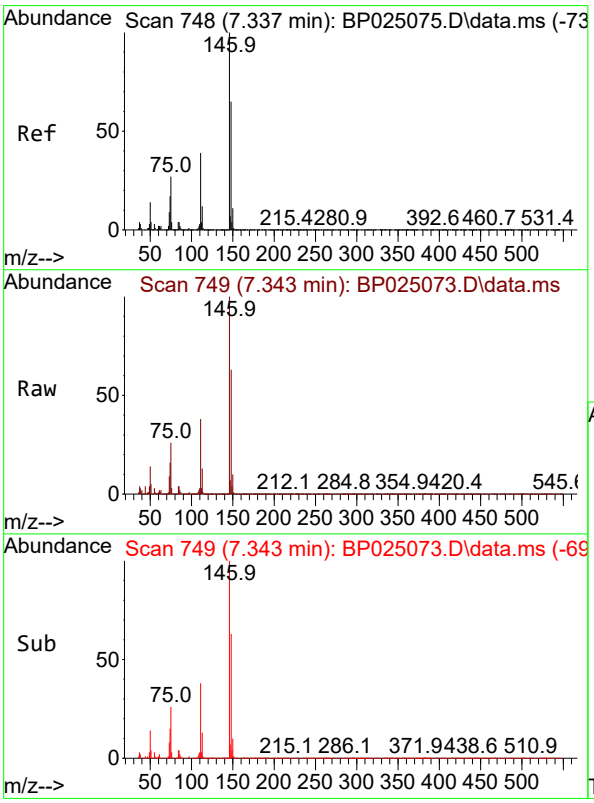
#11
bis(2-Chloroethyl)ether
Concen: 9.885 ng
RT: 6.890 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 195263

Ion	Ratio	Lower	Upper
93	100		
63	70.2	51.9	91.9
95	31.8	12.4	52.4

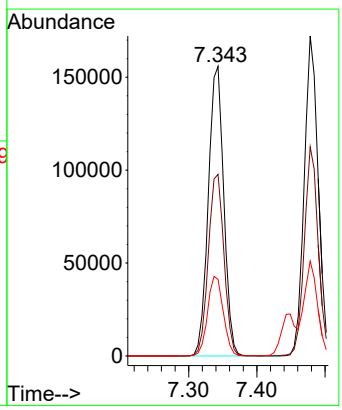


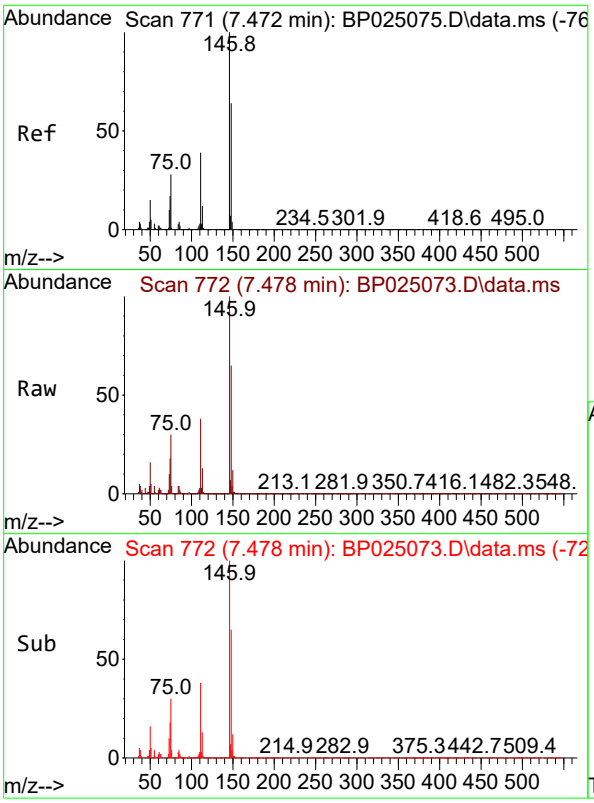


#12
1,3-Dichlorobenzene
Concen: 10.143 ng
RT: 7.343 min Scan# 749
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:146 Resp: 245857

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.9	77.9
75	26.5	21.8	32.6



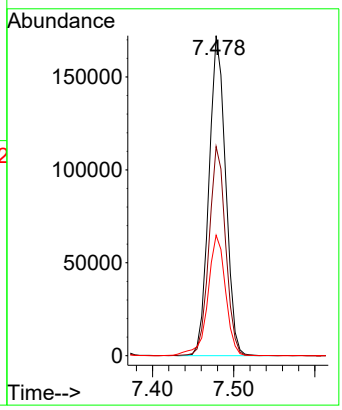


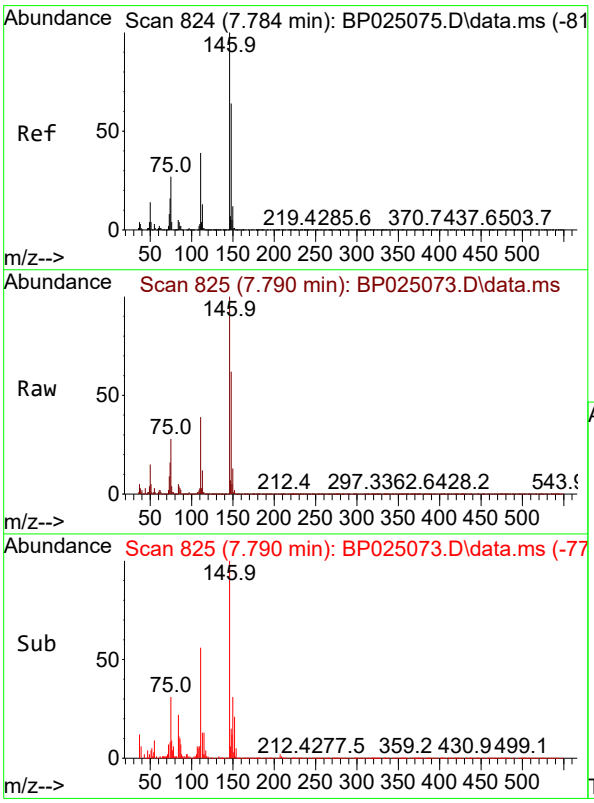
#13
1,4-Dichlorobenzene
Concen: 10.004 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 245523

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	37.7	31.2	46.8

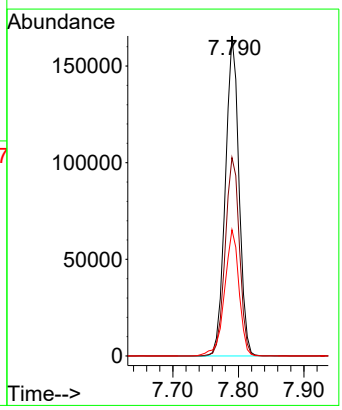


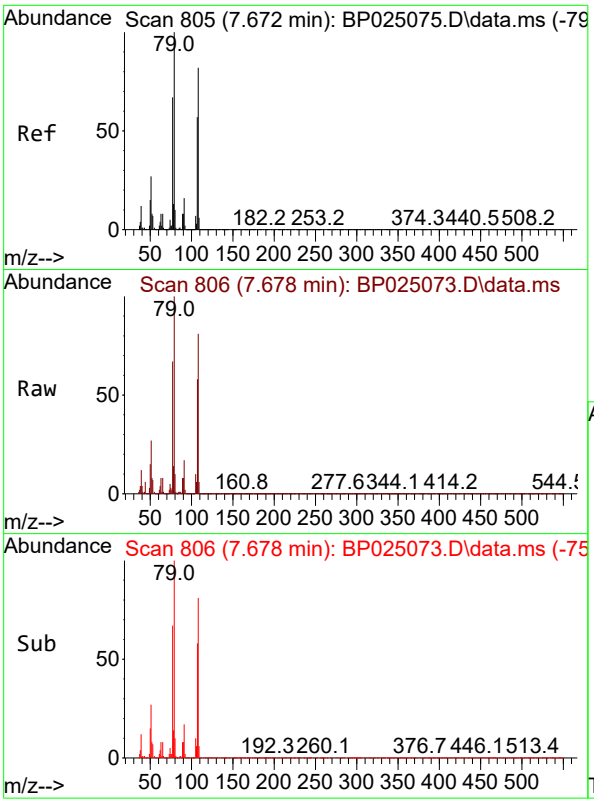


#14
1,2-Dichlorobenzene
Concen: 10.079 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:146 Resp: 237961

Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.1	76.7
111	39.5	31.2	46.8



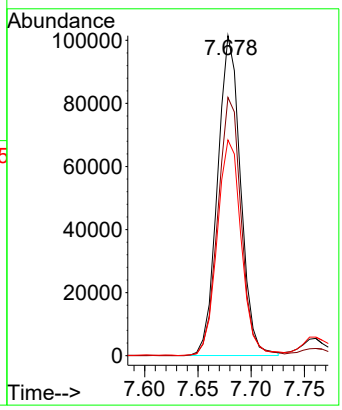


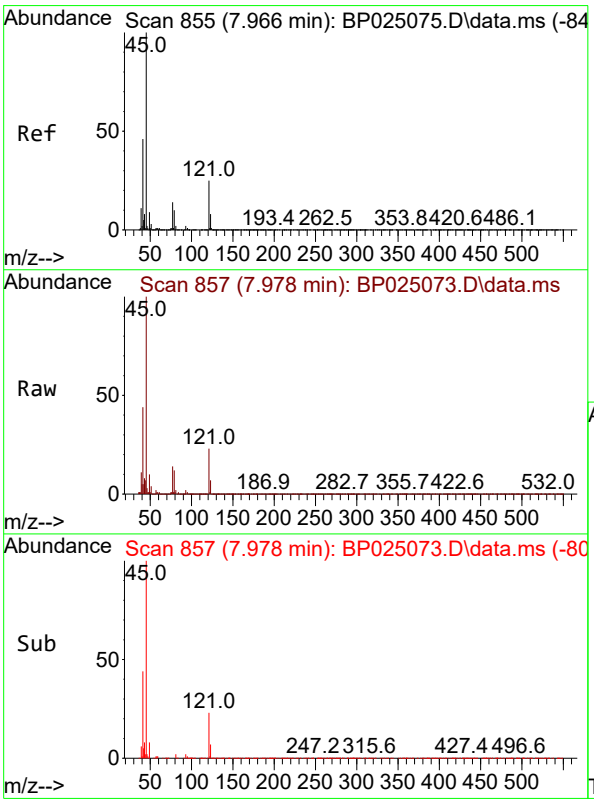
#15
Benzyl Alcohol
Concen: 9.025 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 152168

Ion	Ratio	Lower	Upper
79	100		
108	80.7	66.0	99.0
77	67.4	53.4	80.2

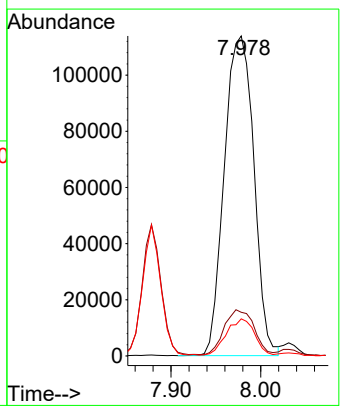


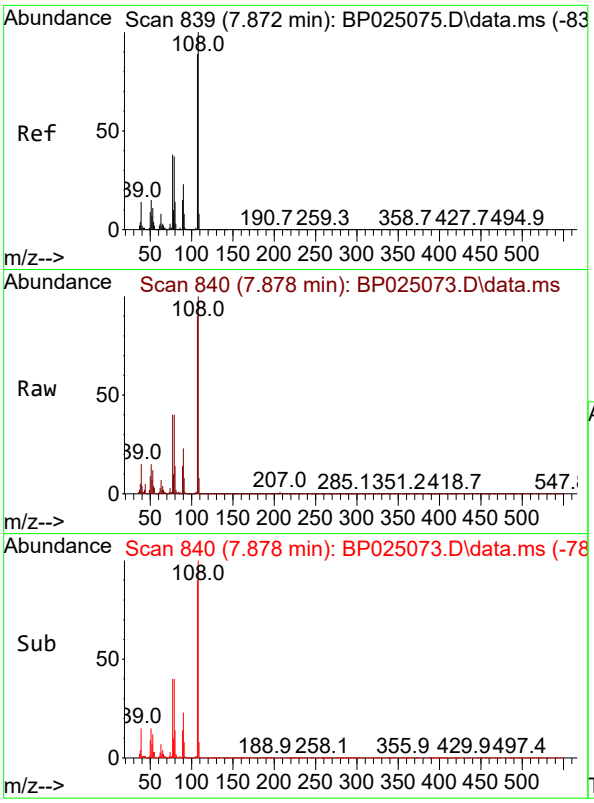


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.150 ng
RT: 7.978 min Scan# 857
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 45 Resp: 260708

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	34.8
79	11.6	0.0	30.7



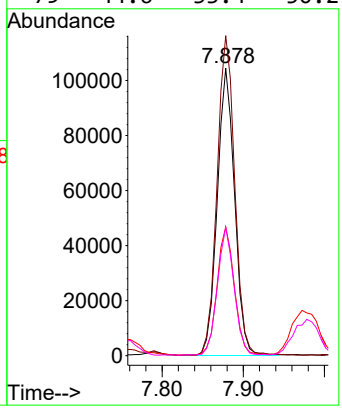


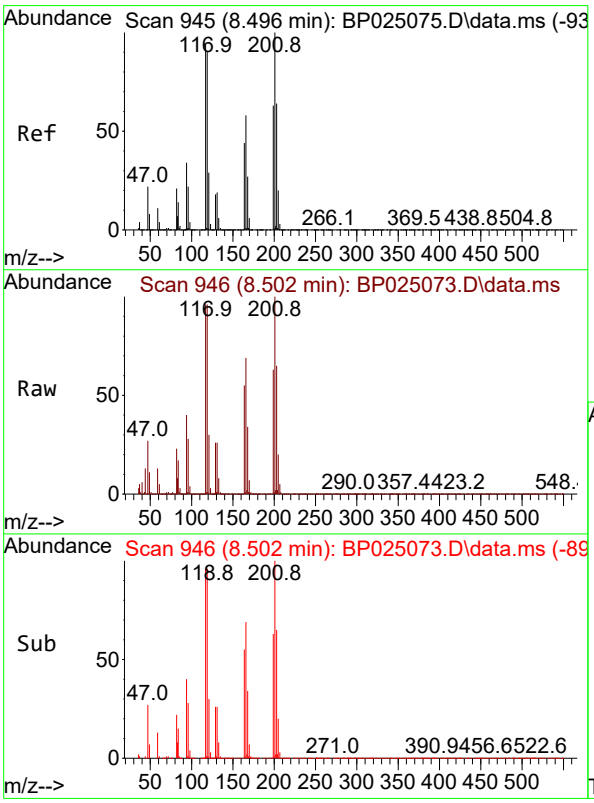
#17
2-Methylphenol
Concen: 9.422 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 155778

Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.7	134.5
77	44.8	34.2	51.4
79	44.6	33.4	50.2

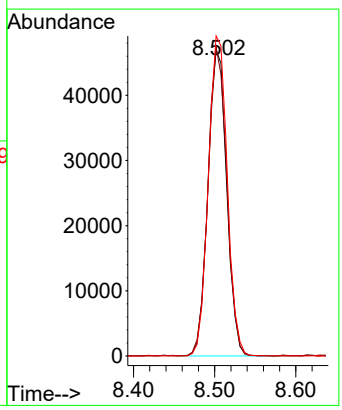


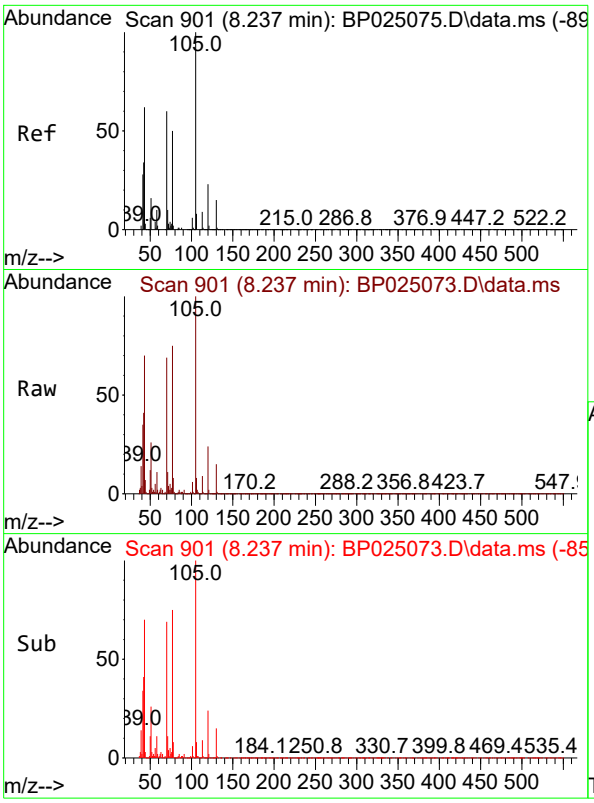


#18
Hexachloroethane
Concen: 9.453 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:117 Resp: 75576

Ion	Ratio	Lower	Upper
117	100		
119	100.9	76.6	115.0
201	104.6	85.4	128.2



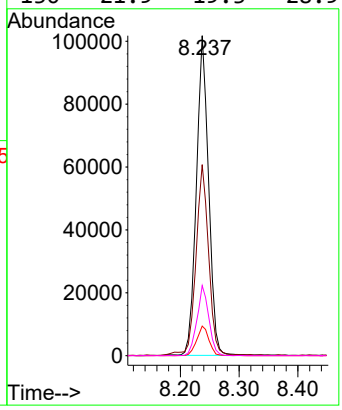


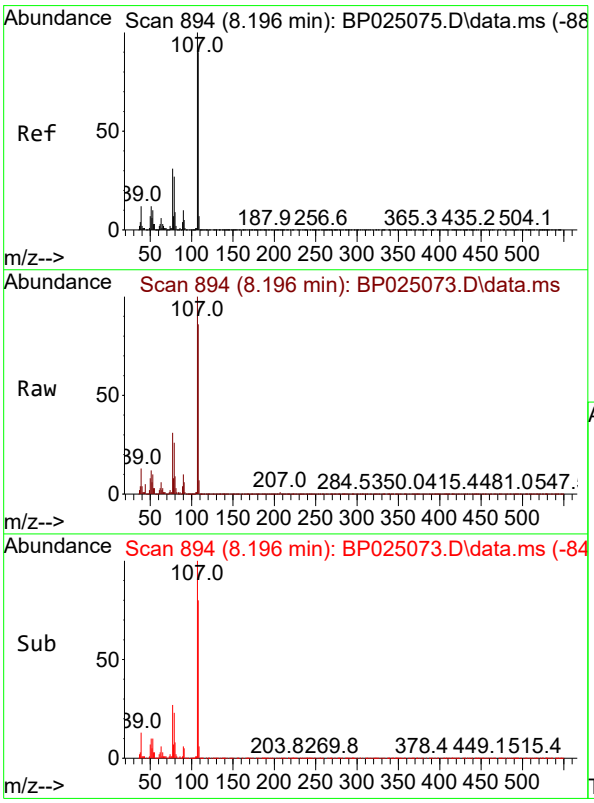
#19
n-Nitroso-di-n-propylamine
Concen: 9.774 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 146424

Ion	Ratio	Lower	Upper
70	100		
42	59.7	46.5	69.7
101	9.3	7.9	11.9
130	21.9	19.3	28.9

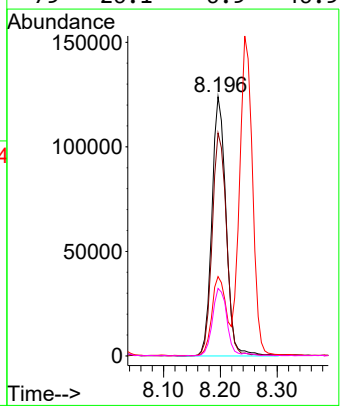


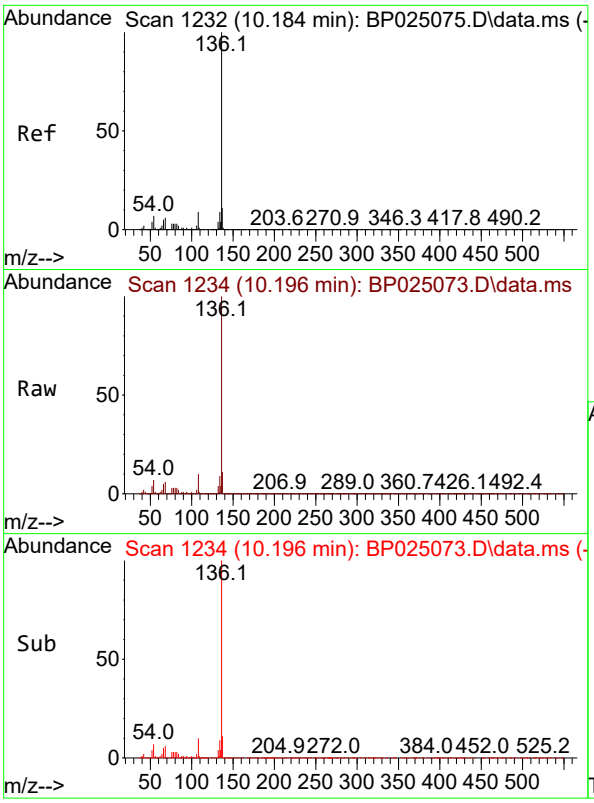


#20
3+4-Methylphenols
Concen: 9.225 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:107 Resp: 213641

Ion	Ratio	Lower	Upper
107	100		
108	86.1	69.5	109.5
77	30.6	11.4	51.4
79	26.1	6.9	46.9



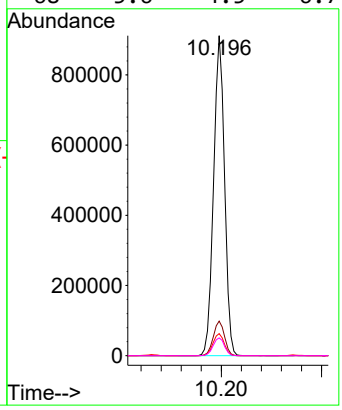


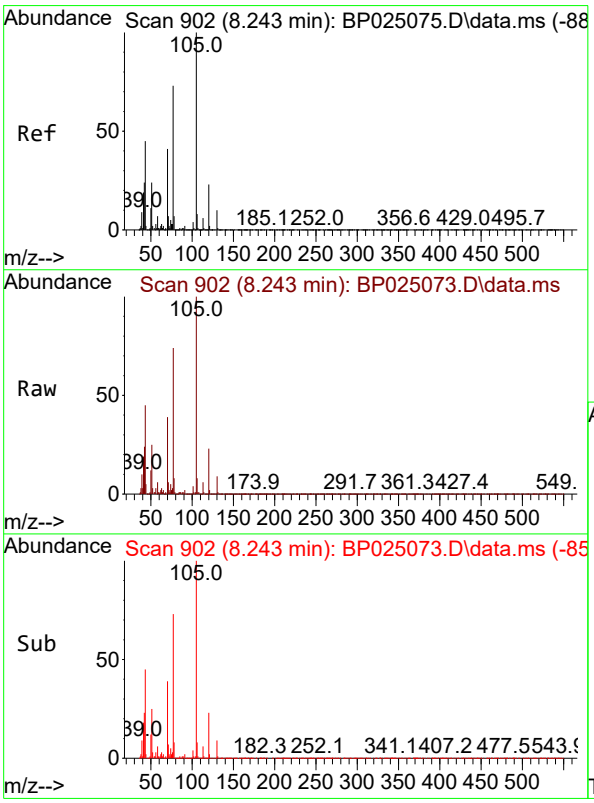
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 1376560

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.9	5.4	8.2
68	5.6	4.5	6.7

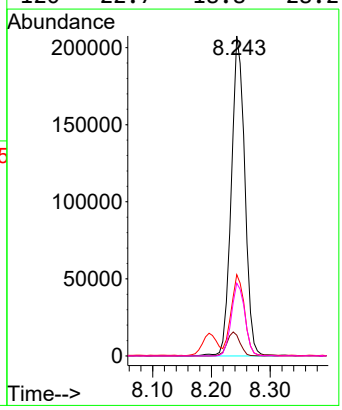


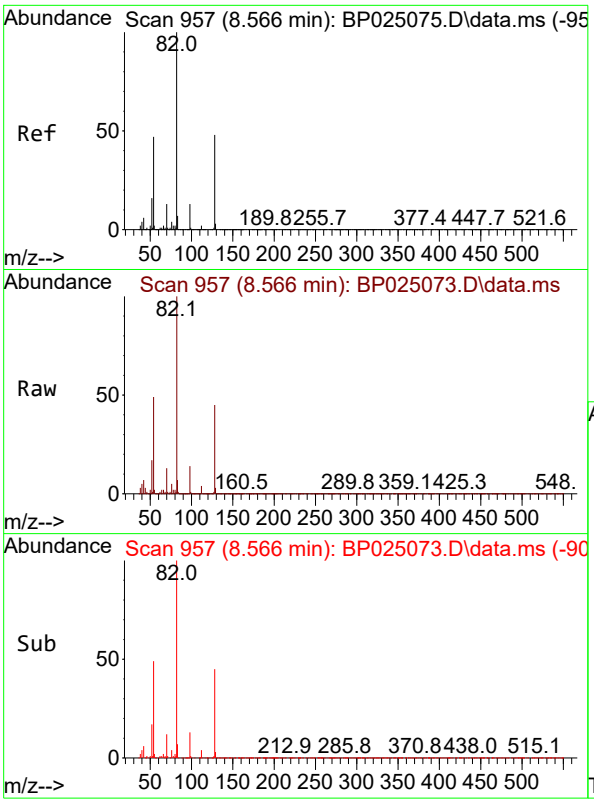


#22
Acetophenone
Concen: 10.159 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:105 Resp: 330725

Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.4	8.2
51	25.4	19.6	29.4
120	22.7	18.8	28.2



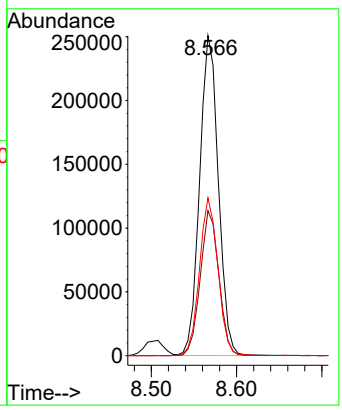


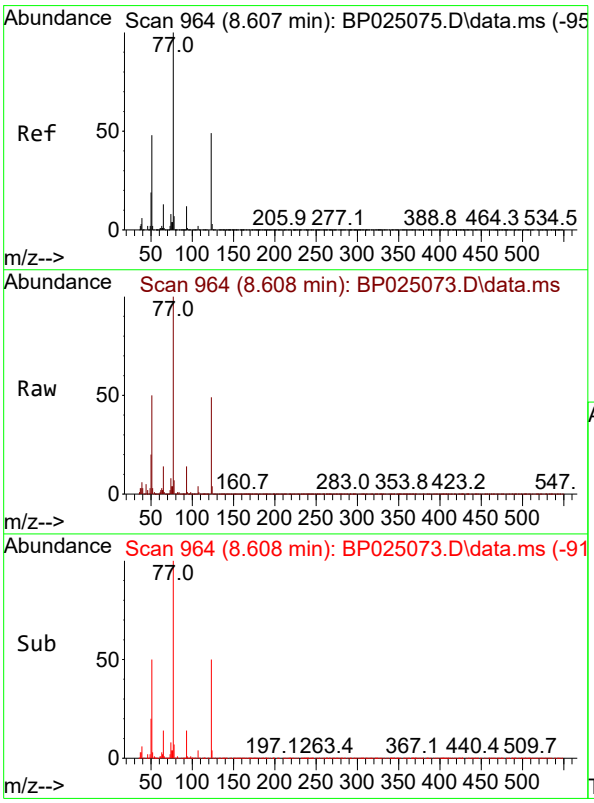
#23
Nitrobenzene-d5
Concen: 18.454 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 381978

Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.4	57.6
54	49.3	37.8	56.6

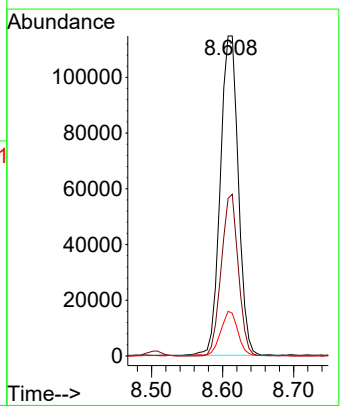


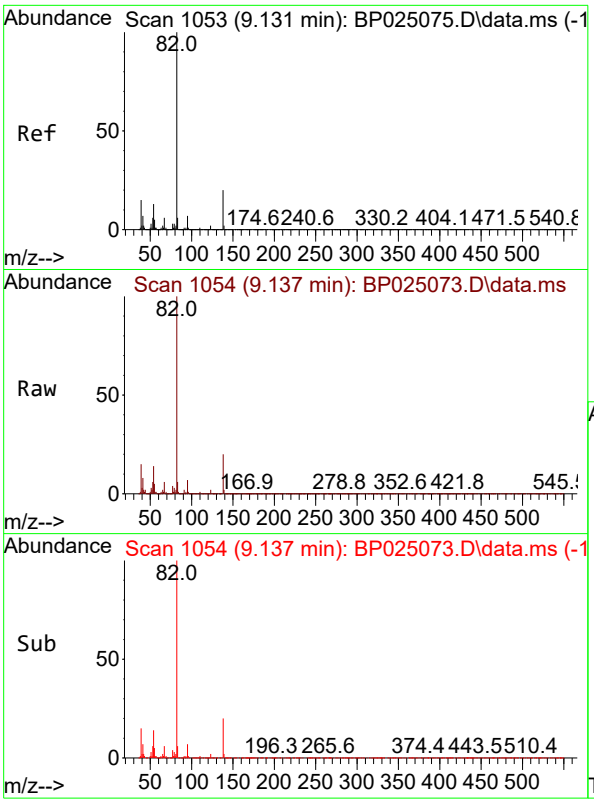


#24
Nitrobenzene
Concen: 9.560 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 77 Resp: 201551

Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.0	58.6
65	14.0	10.7	16.1



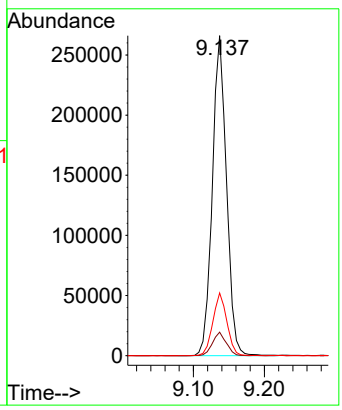


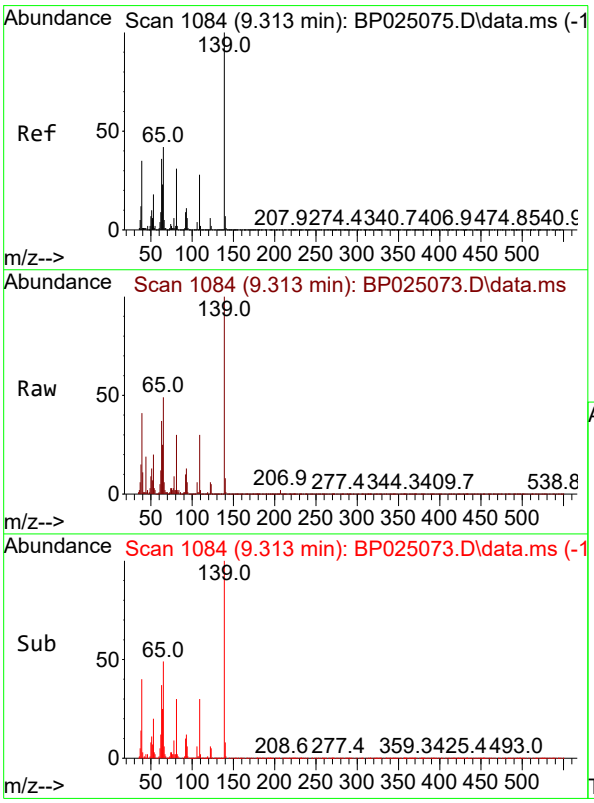
#25
Isophorone
Concen: 9.507 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 367740

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	19.6	15.7	23.5

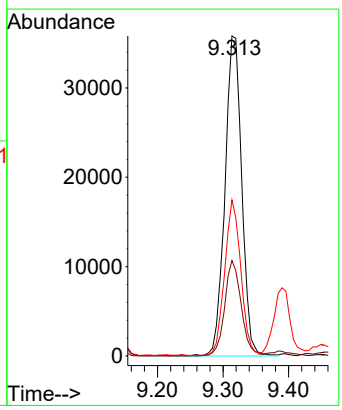


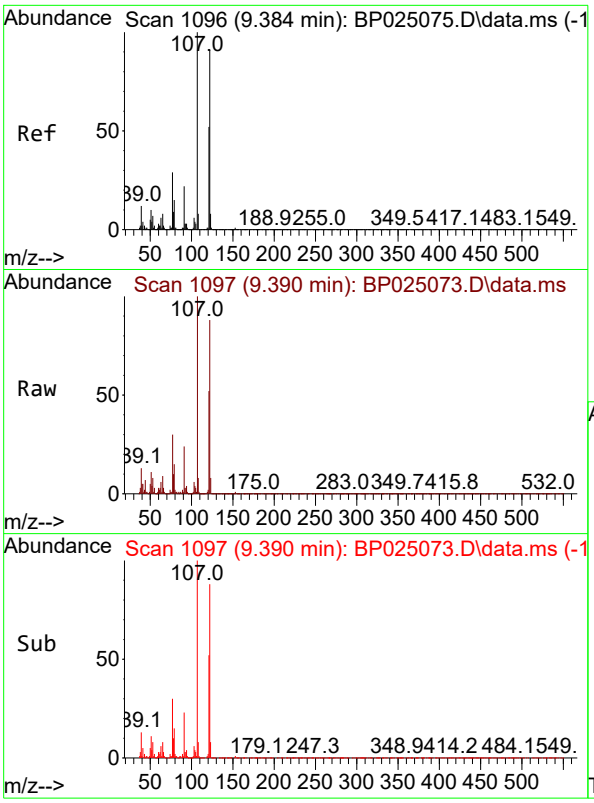


#26
2-Nitrophenol
Concen: 9.106 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:139 Resp: 63769

Ion	Ratio	Lower	Upper
139	100		
109	29.8	22.3	33.5
65	48.7	33.8	50.8



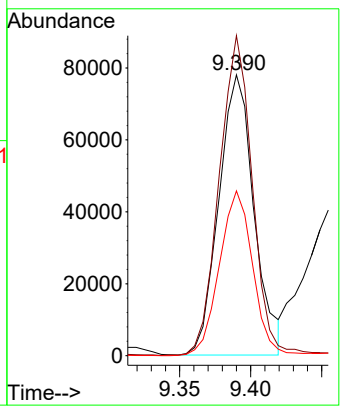


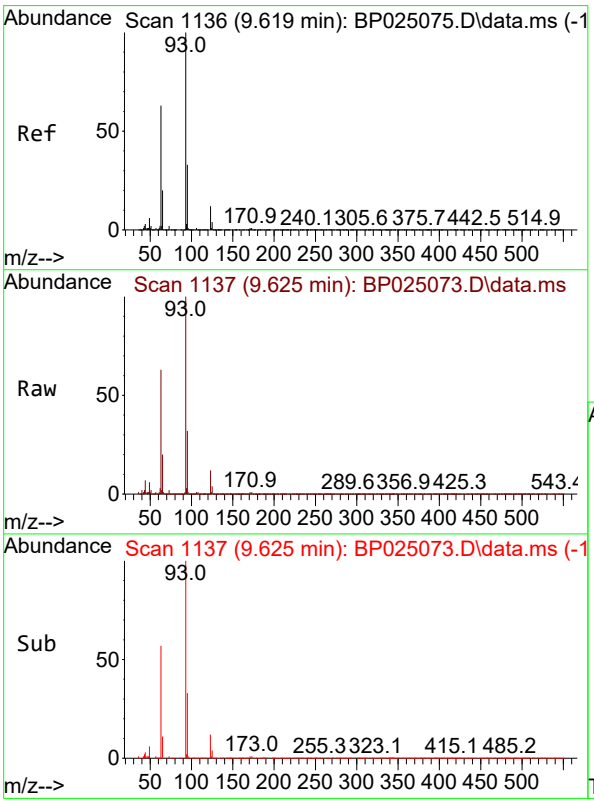
#27
2,4-Dimethylphenol
Concen: 9.307 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 134296

Ion	Ratio	Lower	Upper
122	100		
107	113.9	88.2	132.2
121	58.7	46.1	69.1

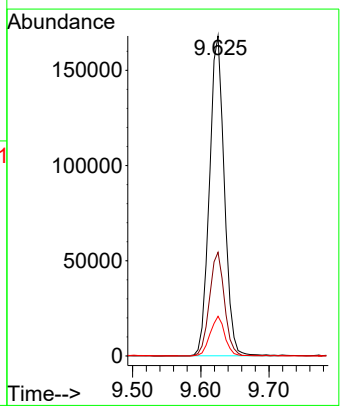


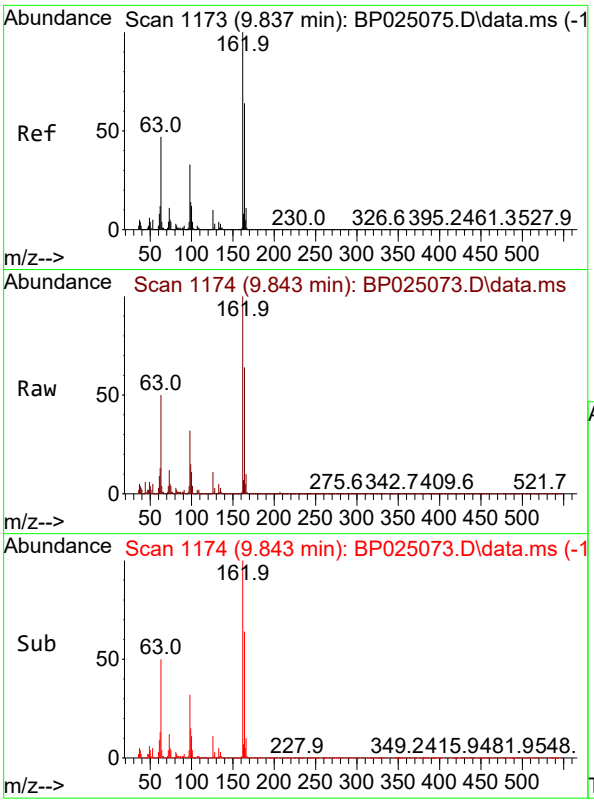


#28
bis(2-Chloroethoxy)methane
Concen: 9.722 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 93 Resp: 255336

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	12.4	10.1	15.1



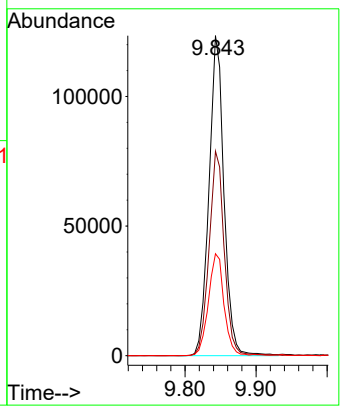


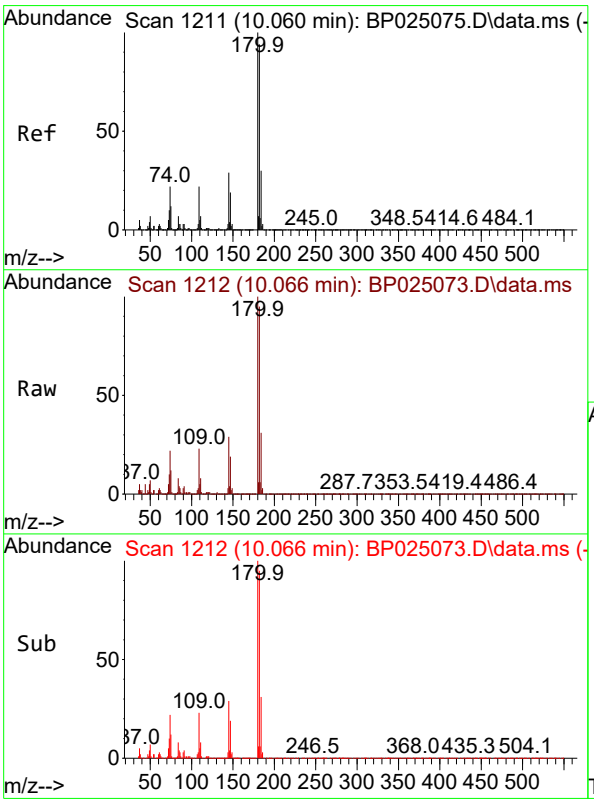
#29
2,4-Dichlorophenol
Concen: 9.059 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 181263

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.1	84.1
98	31.9	13.1	53.1

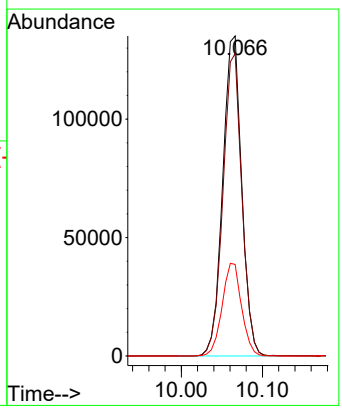


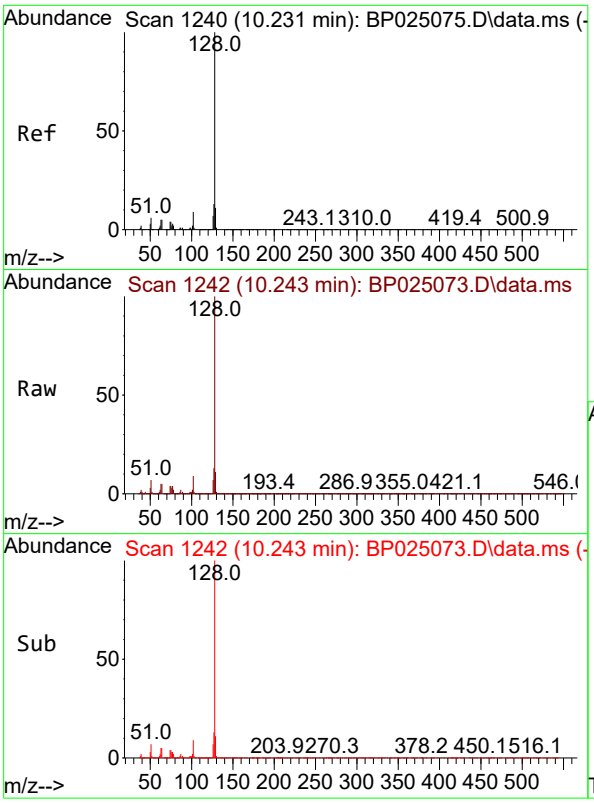


#30
1,2,4-Trichlorobenzene
Concen: 9.913 ng
RT: 10.066 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:180 Resp: 219650

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.1	112.7
145	28.6	23.3	34.9



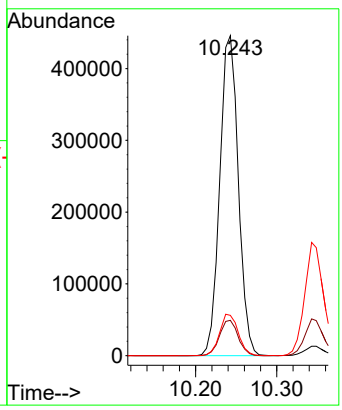


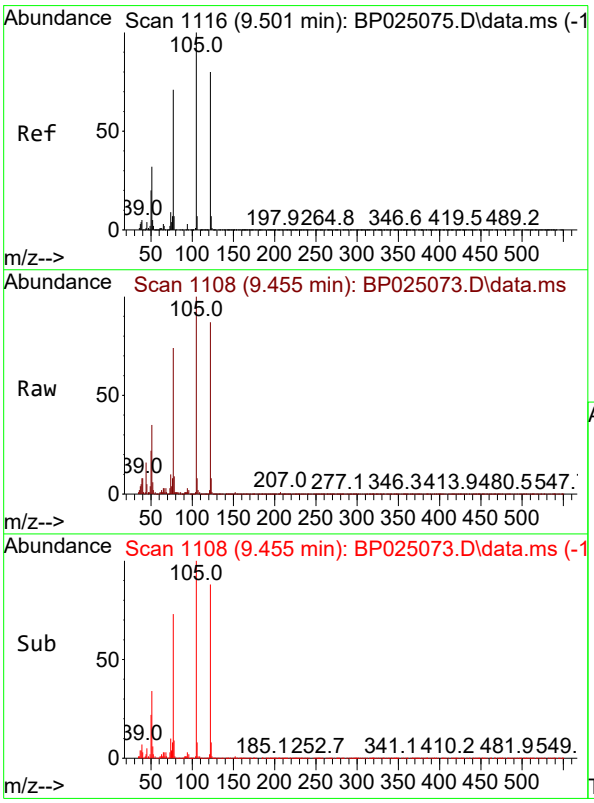
#31
Naphthalene
Concen: 10.005 ng
RT: 10.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 709141

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.6	10.4	15.6

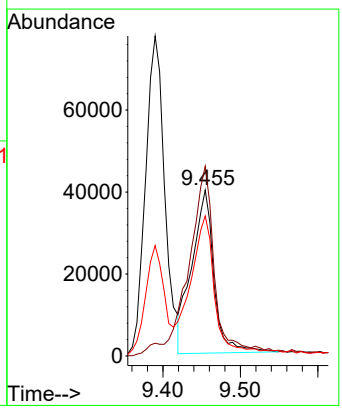


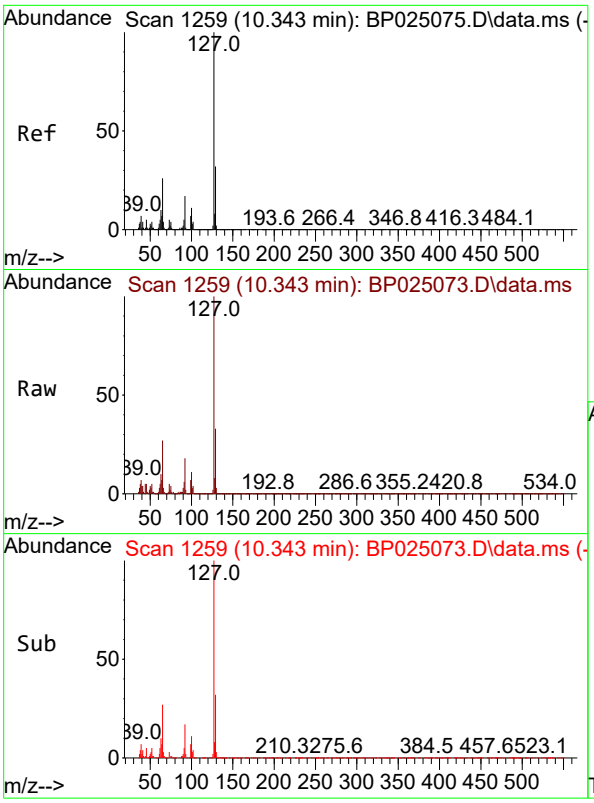


#32
Benzoic acid
Concen: 10.455 ng
RT: 9.455 min Scan# 1108
Delta R.T. -0.046 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:122 Resp: 79225

Ion	Ratio	Lower	Upper
122	100		
105	114.4	101.0	141.0
77	84.3	67.6	107.6



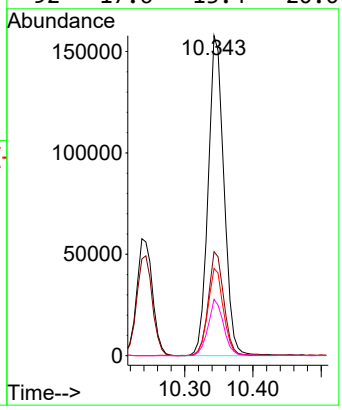


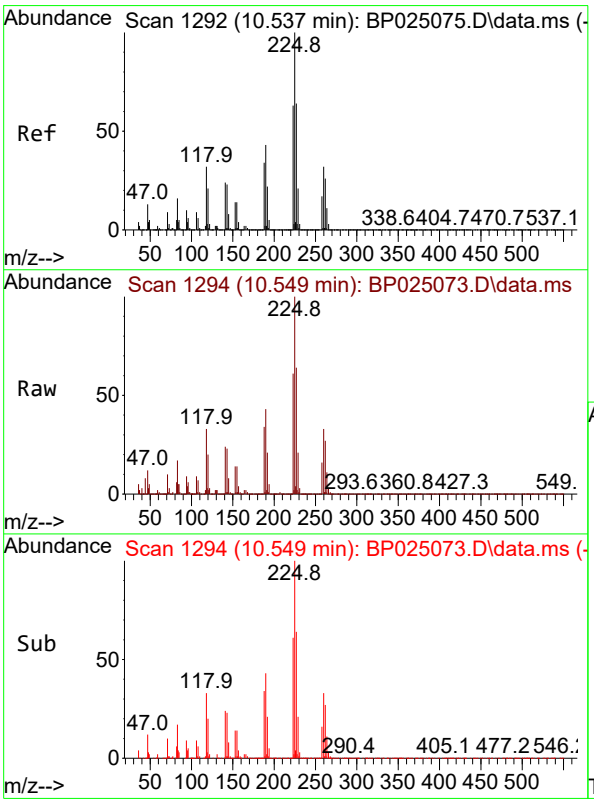
#33
4-Chloroaniline
Concen: 9.621 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 254489

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	27.3	21.0	31.6
92	17.6	13.4	20.0

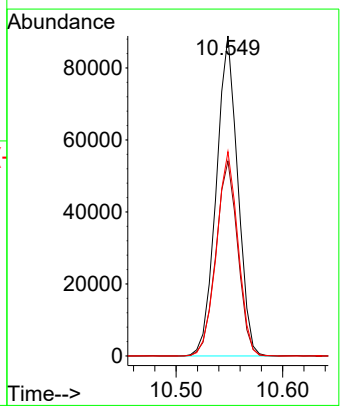


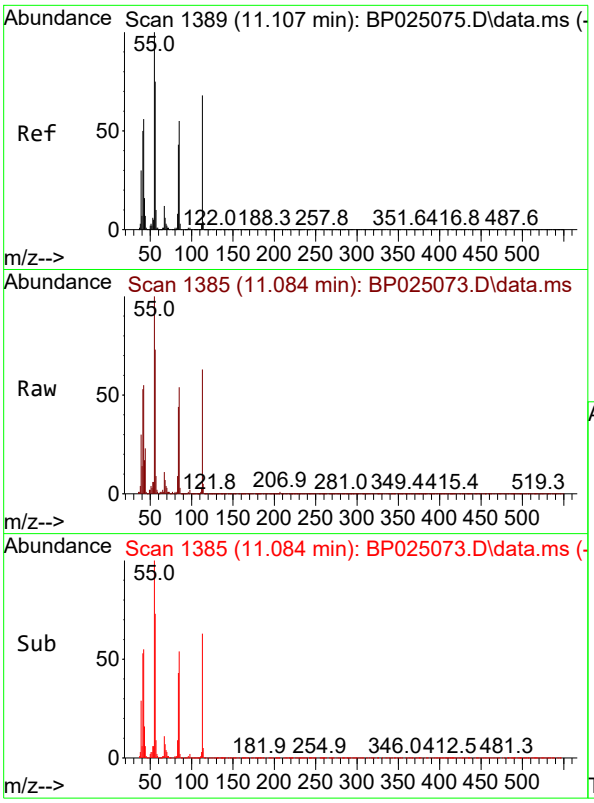


#34
Hexachlorobutadiene
Concen: 9.767 ng
RT: 10.549 min Scan# 1294
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:225 Resp: 124190

Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.3	75.5
227	63.8	51.3	76.9



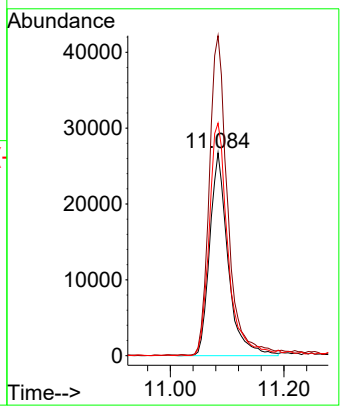


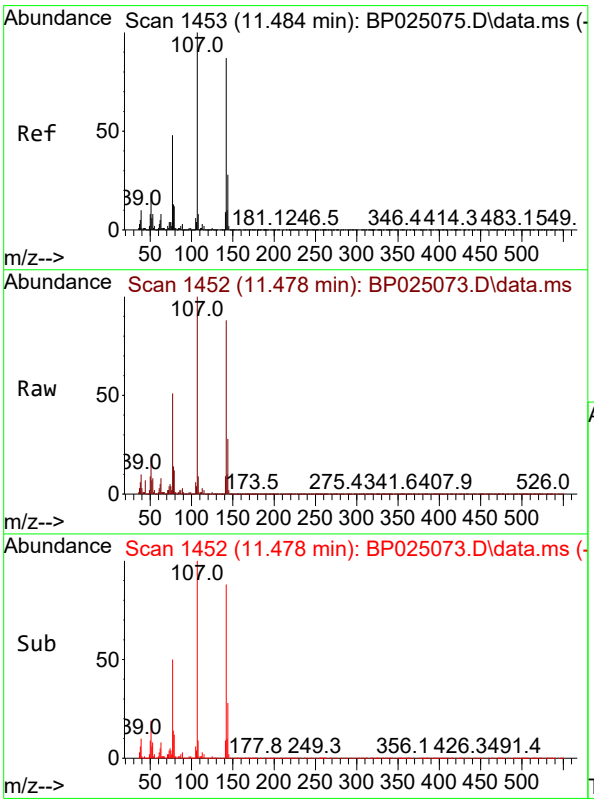
#35
Caprolactam
Concen: 8.700 ng
RT: 11.084 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 59547

Ion	Ratio	Lower	Upper
113	100		
55	157.7	128.1	168.1
56	114.6	90.7	130.7

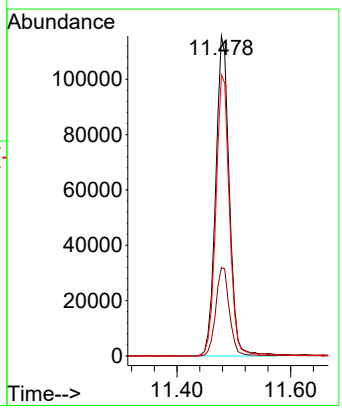


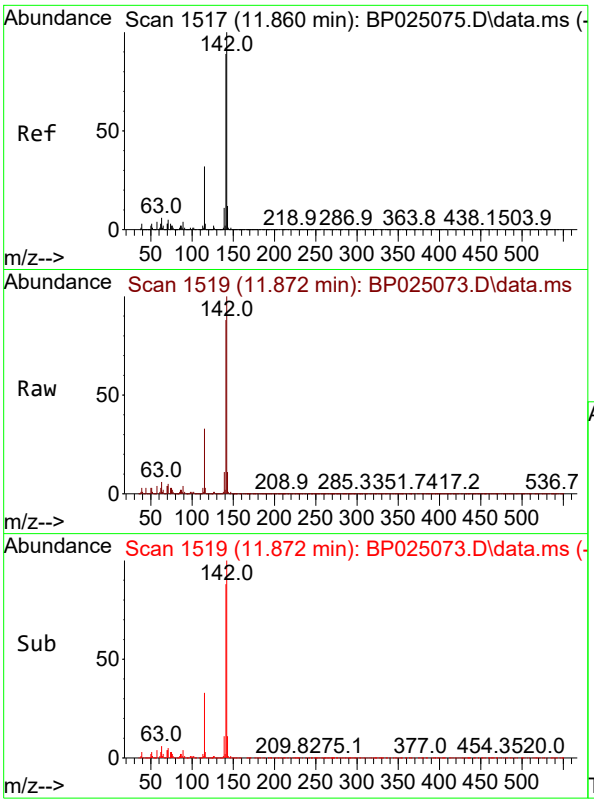


#36
4-Chloro-3-methylphenol
Concen: 9.193 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:107 Resp: 192224

Ion	Ratio	Lower	Upper
107	100		
144	27.6	22.4	33.6
142	87.9	69.6	104.4



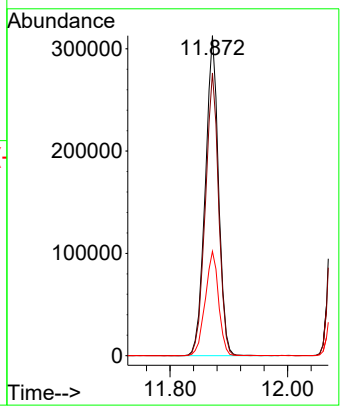


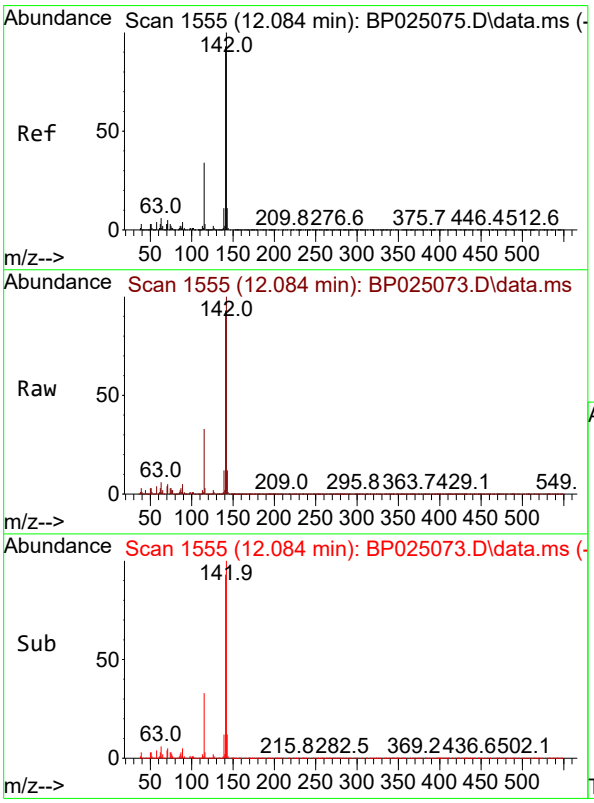
#37
2-Methylnaphthalene
Concen: 9.790 ng
RT: 11.872 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 489608

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8
115	32.6	25.9	38.9

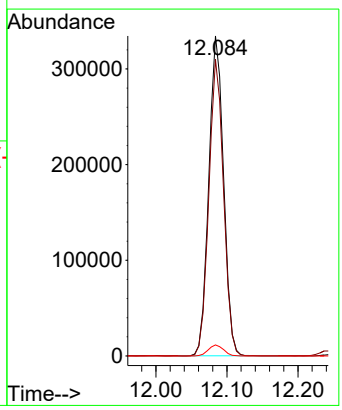


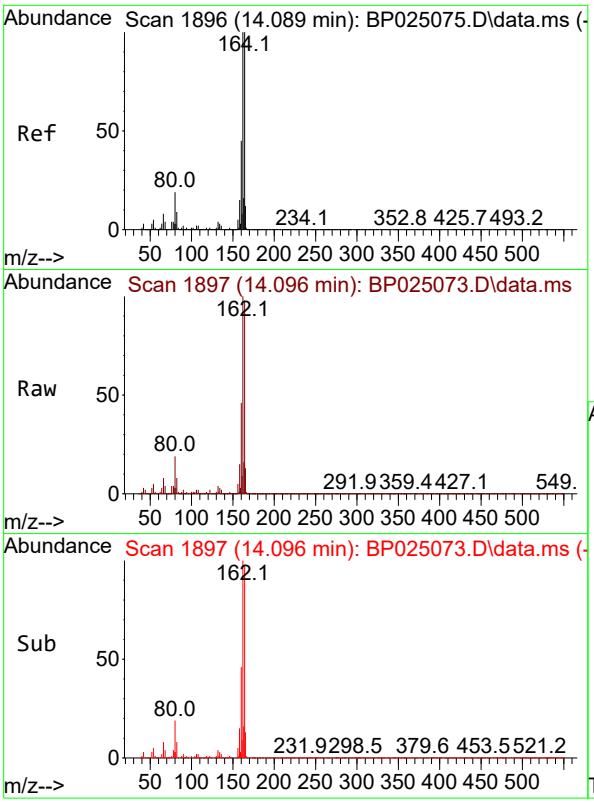


#38
1-Methylnaphthalene
Concen: 9.931 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:142 Resp: 484403

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.1	111.1
116	3.5	2.7	4.1



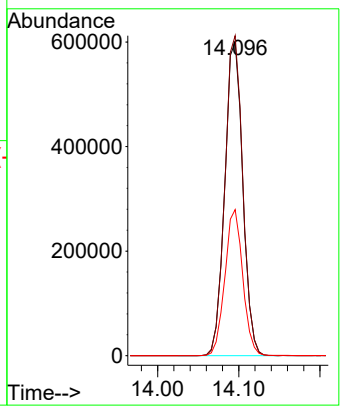


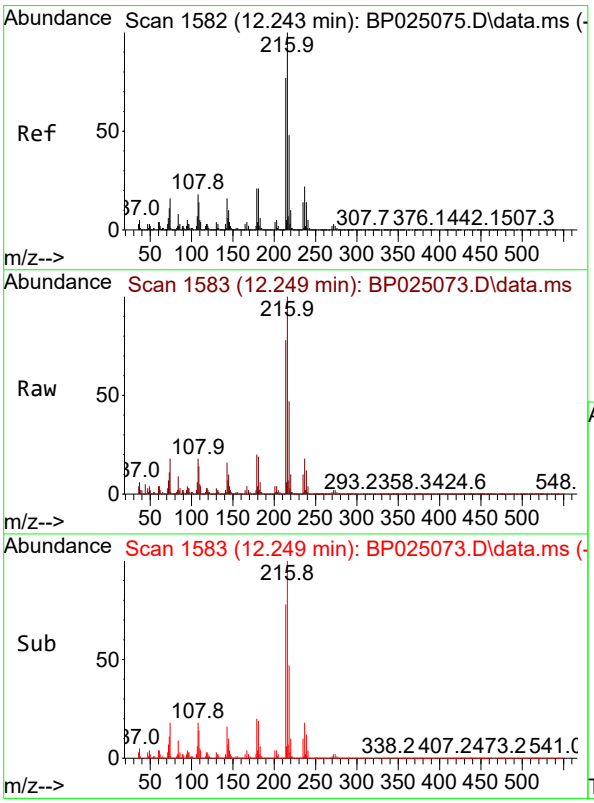
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.096 min Scan# 1
Delta R.T. 0.007 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 924609

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.3	120.5
160	46.5	35.9	53.9

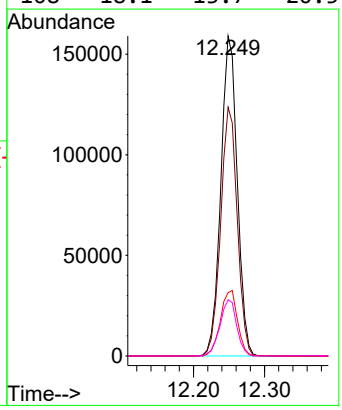


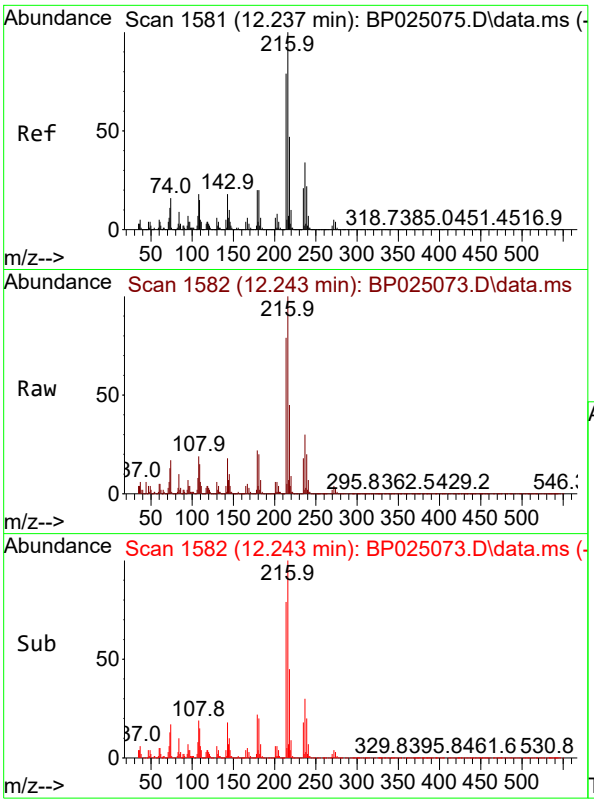


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.554 ng
RT: 12.249 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:216 Resp: 253871

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	21.3	16.5	24.7
108	18.1	13.7	20.5



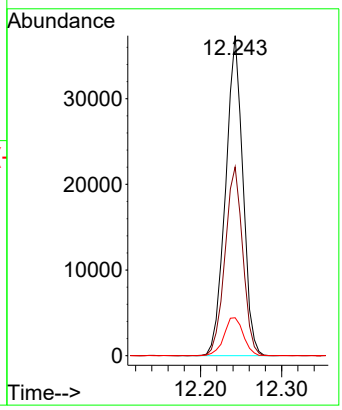


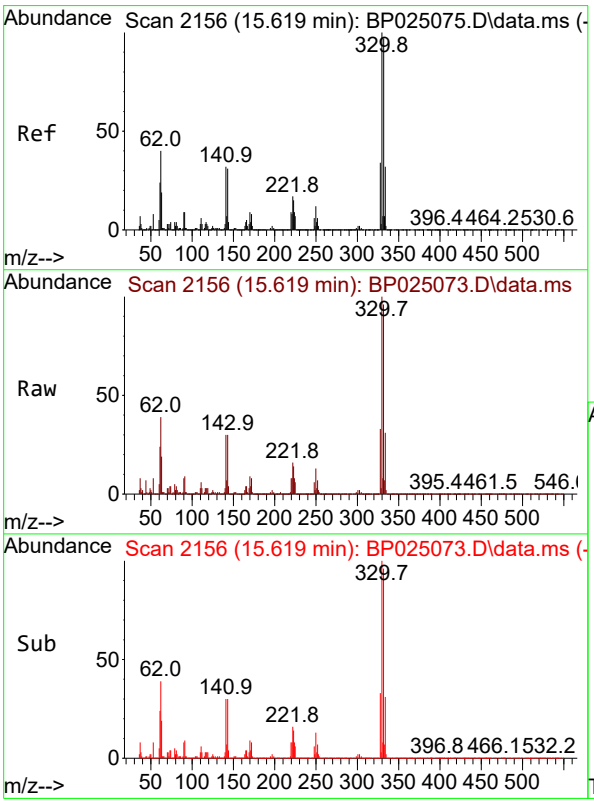
#41
Hexachlorocyclopentadiene
Concen: 7.965 ng
RT: 12.243 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 55283

Ion	Ratio	Lower	Upper
237	100		
235	59.0	41.6	81.6
272	11.8	0.0	33.6

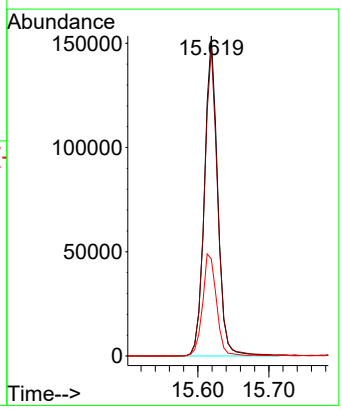


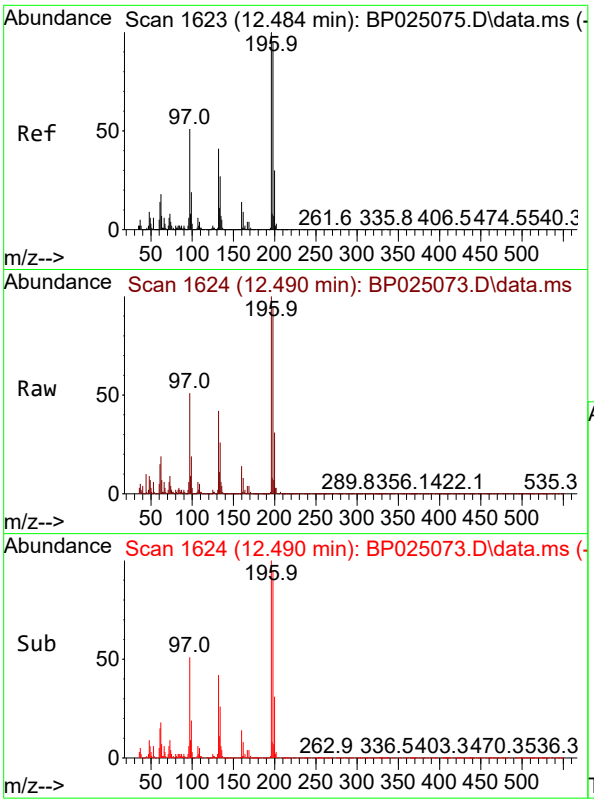


#42
2,4,6-Tribromophenol
Concen: 18.149 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:330 Resp: 198235

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	33.5	26.0	39.0



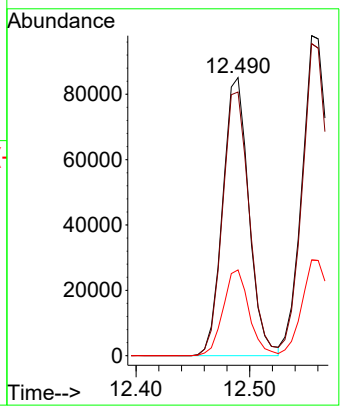


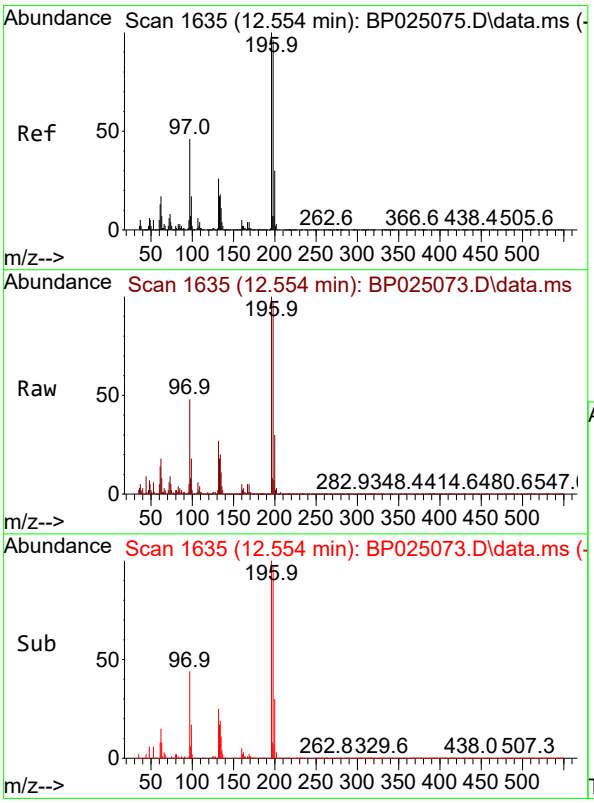
#43
2,4,6-Trichlorophenol
Concen: 8.469 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 136269

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.2
200	30.9	24.3	36.5

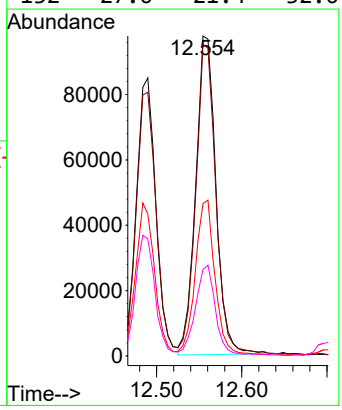


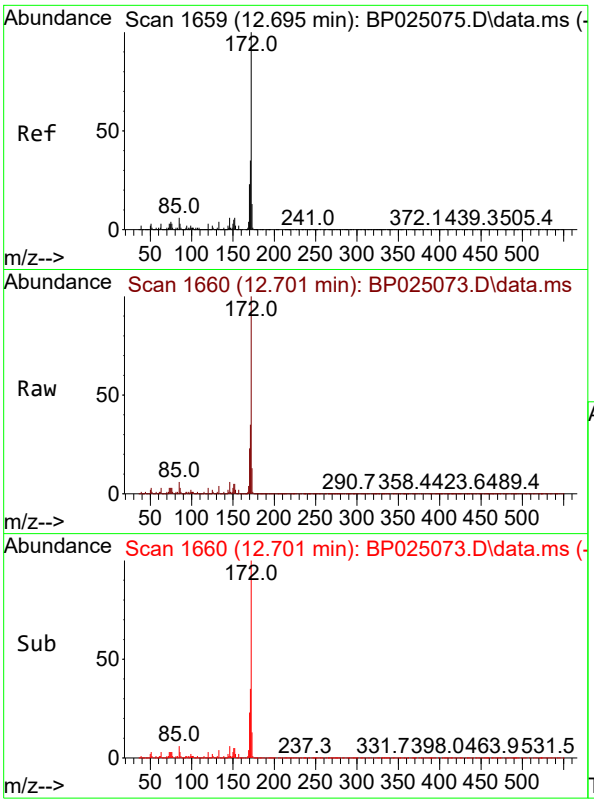


#44
2,4,5-Trichlorophenol
Concen: 8.840 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:196 Resp: 161200

Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.6	115.0
97	47.6	36.6	55.0
132	27.0	21.4	32.0



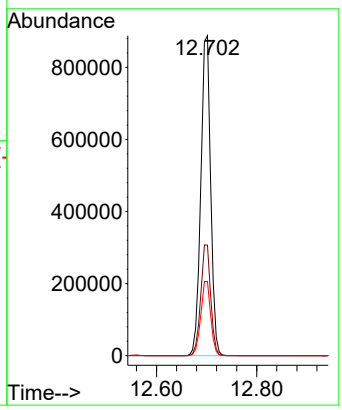


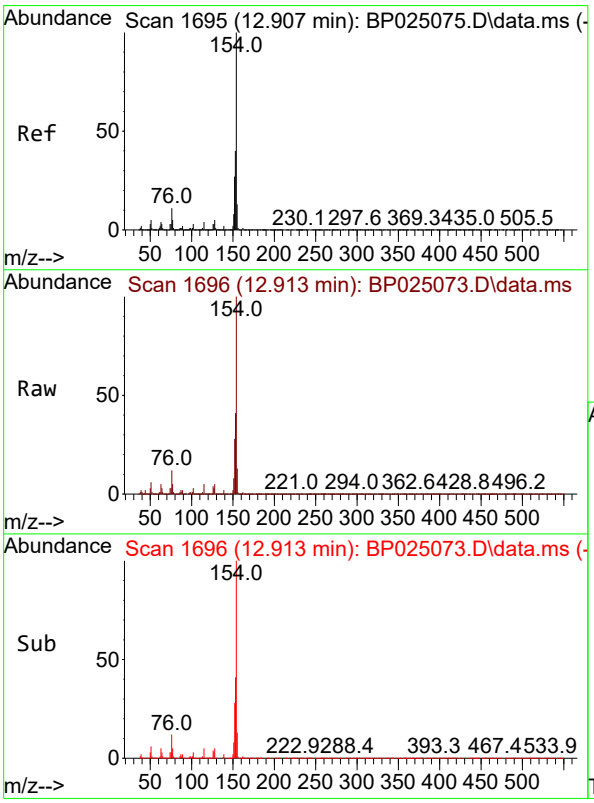
#45
2-Fluorobiphenyl
Concen: 20.297 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 1211432

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	23.2	18.7	28.1

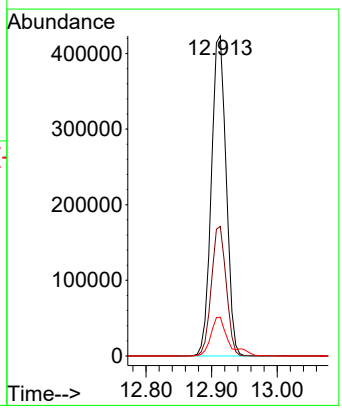


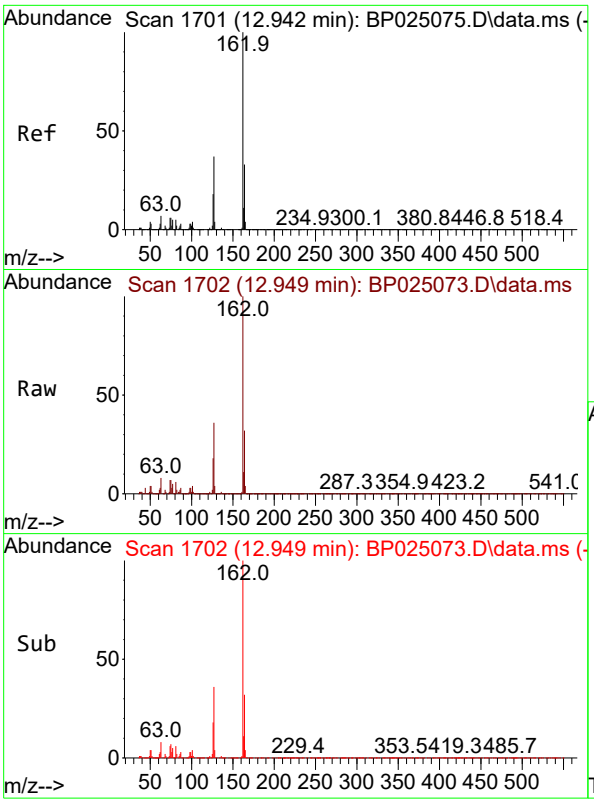


#46
1,1'-Biphenyl
Concen: 9.869 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:154 Resp: 663919

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.2	60.2
76	12.1	0.0	31.5



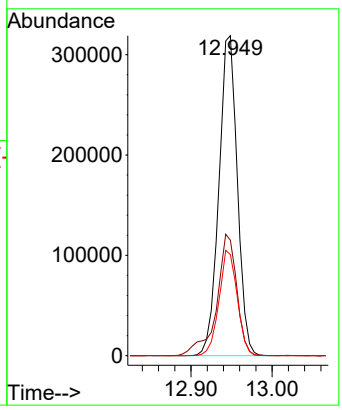


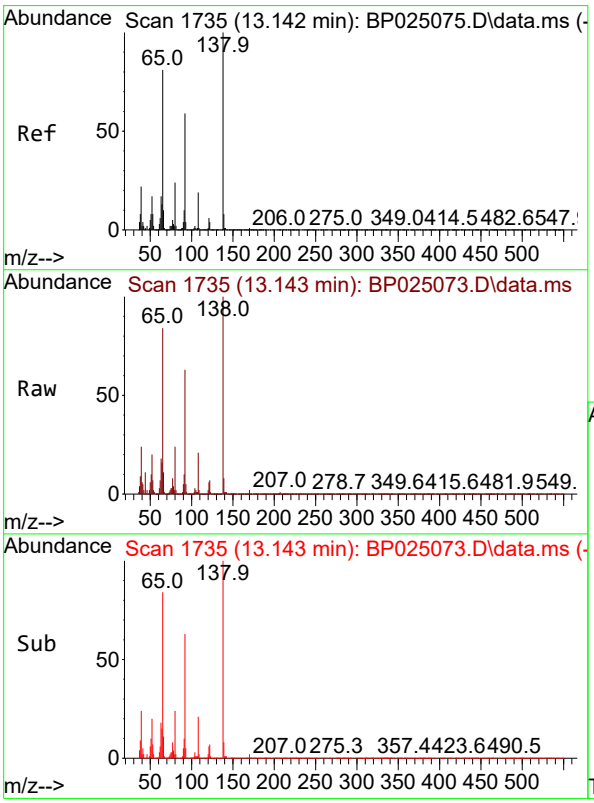
#47
2-Chloronaphthalene
Concen: 9.959 ng
RT: 12.949 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 503580

Ion	Ratio	Lower	Upper
162	100		
127	36.1	29.4	44.2
164	31.6	26.4	39.6

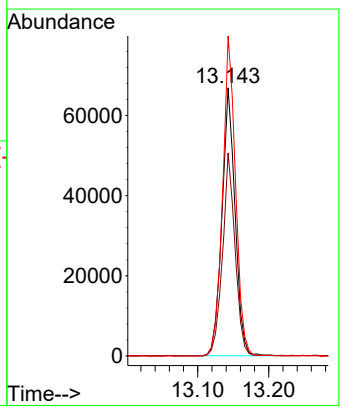


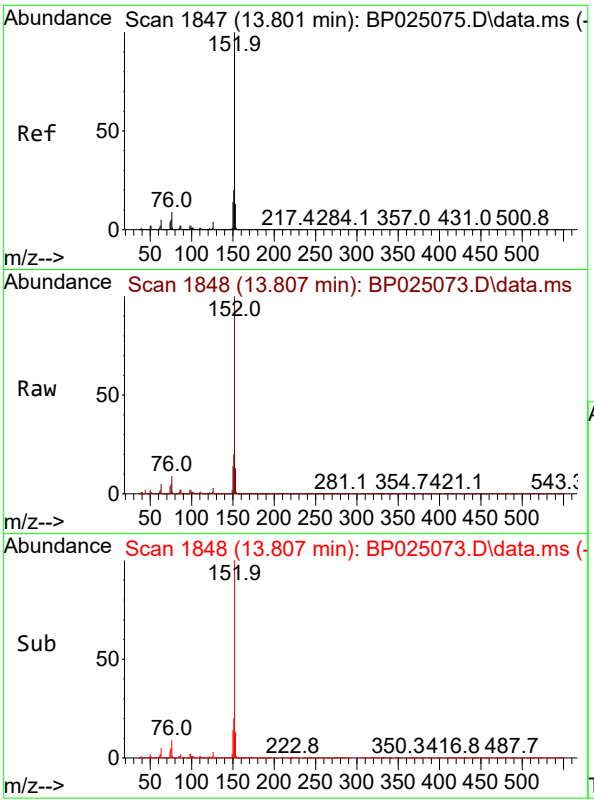


#48
2-Nitroaniline
Concen: 9.283 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 65 Resp: 85669

Ion	Ratio	Lower	Upper
65	100		
92	75.7	58.7	88.1
138	119.3	99.0	148.4



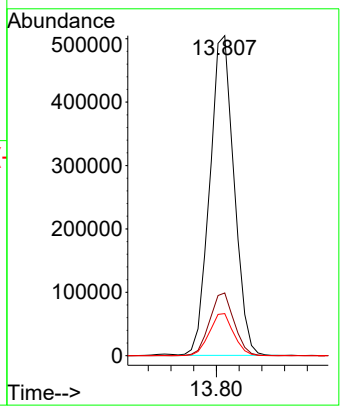


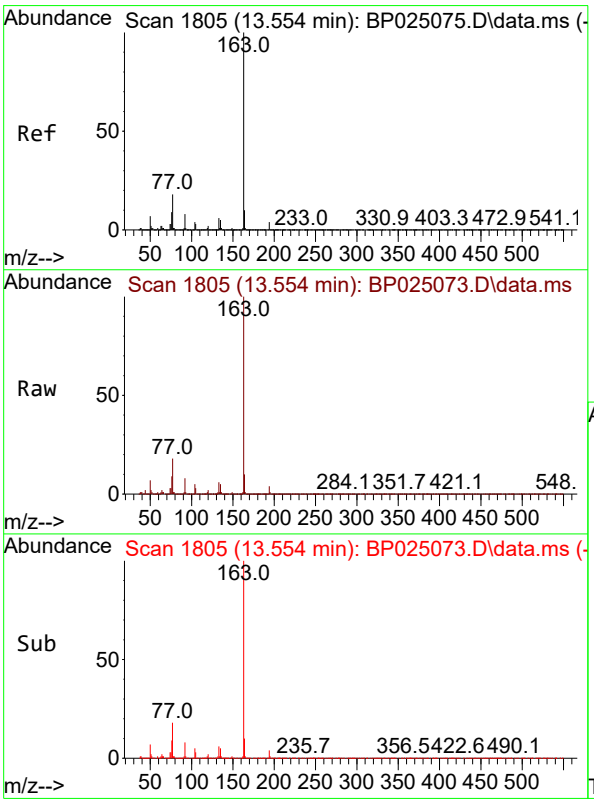
#49
Acenaphthylene
Concen: 9.692 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 750027

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.2	10.7	16.1

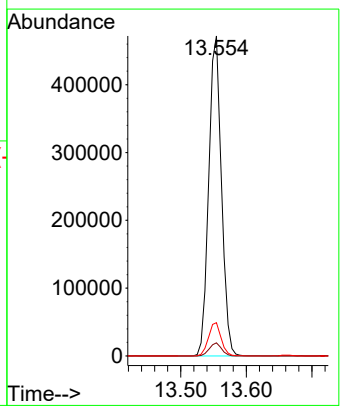


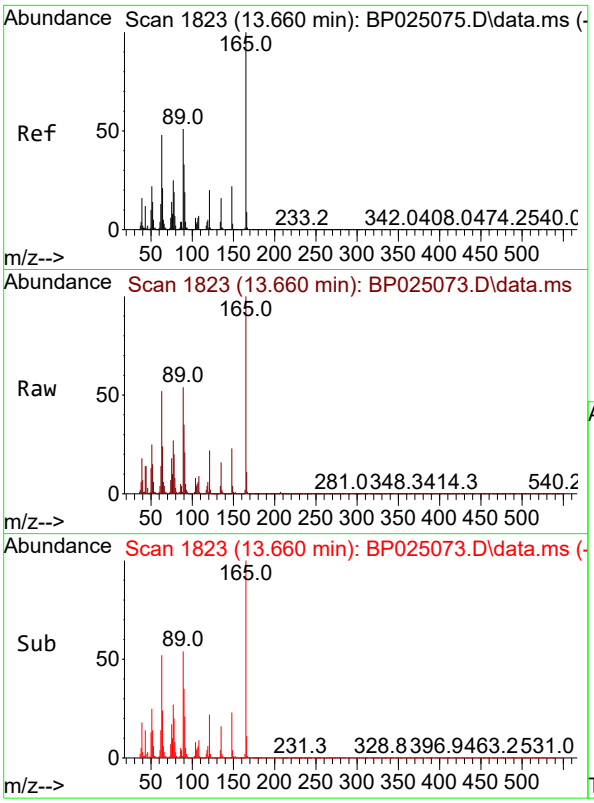


#50
Dimethylphthalate
Concen: 9.828 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:163 Resp: 636102

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.0	12.0



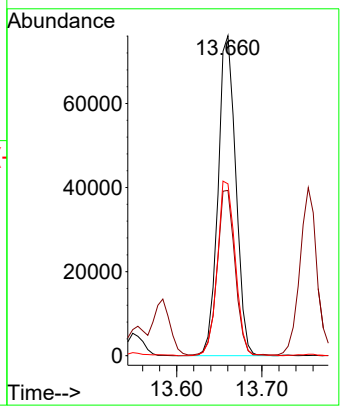


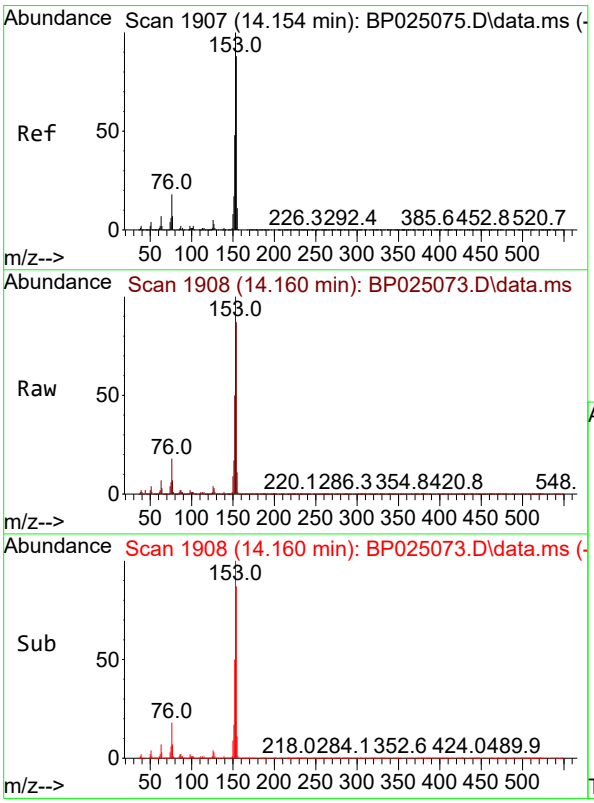
#51
2,6-Dinitrotoluene
Concen: 8.728 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 110177

Ion	Ratio	Lower	Upper
165	100		
63	51.6	38.5	57.7
89	53.7	40.6	61.0

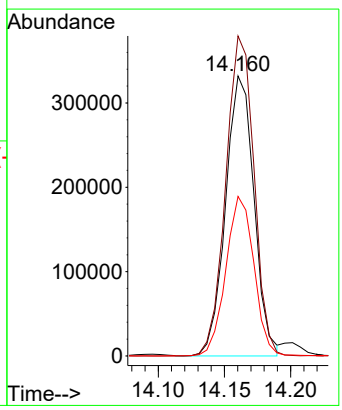


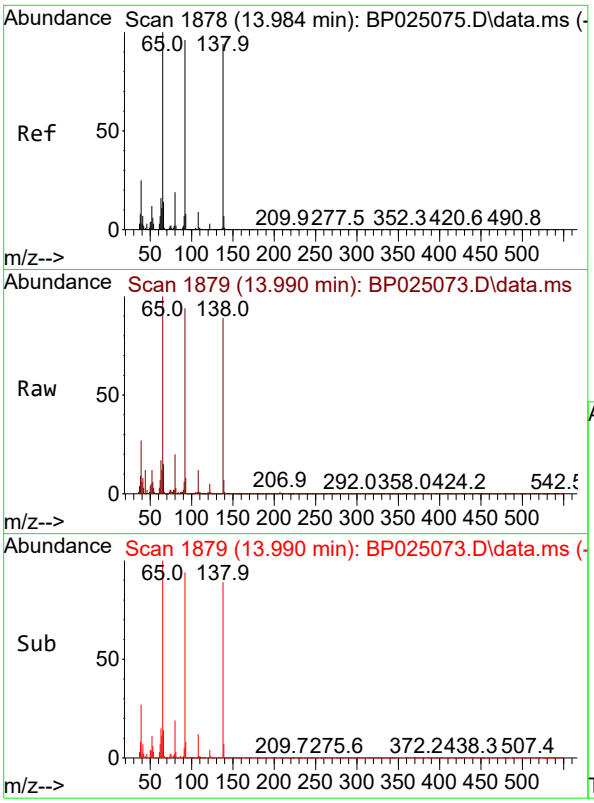


#52
Acenaphthene
Concen: 9.953 ng m
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:154 Resp: 496424

Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.6	136.0
152	57.0	43.8	65.8



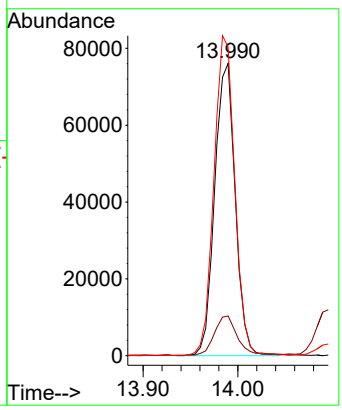


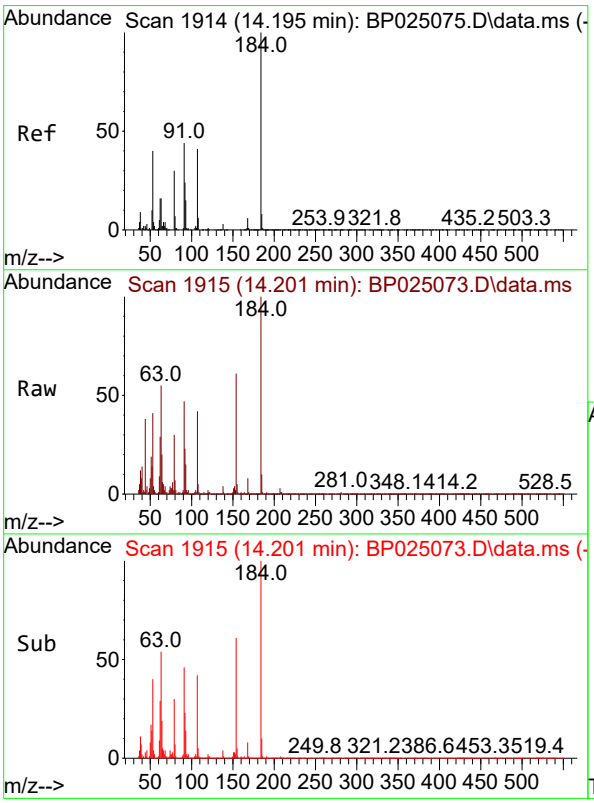
#53
3-Nitroaniline
Concen: 8.481 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 114723

Ion	Ratio	Lower	Upper
138	100		
108	13.6	7.8	11.8#
92	105.5	81.0	121.4

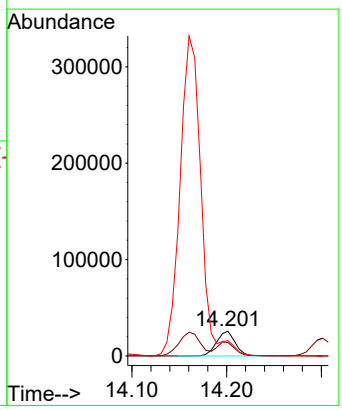


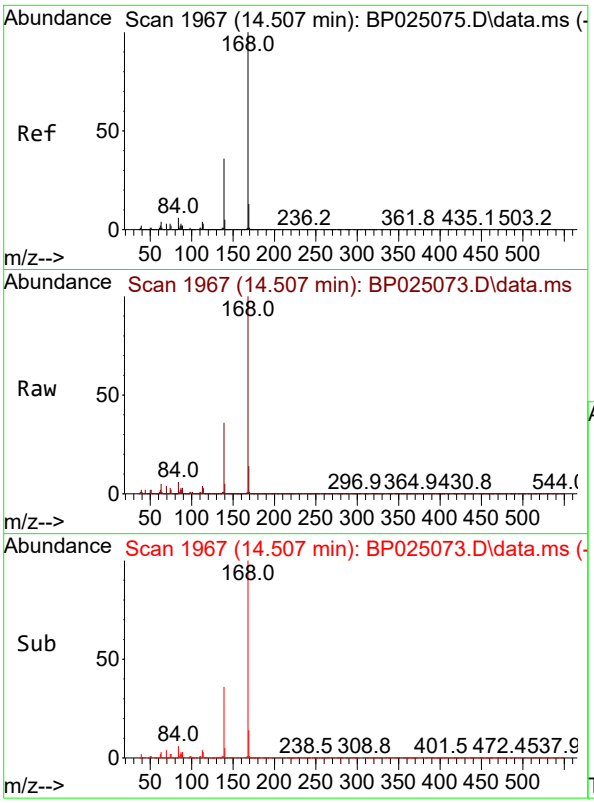


#54
2,4-Dinitrophenol
Concen: 10.737 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:184 Resp: 35399

Ion	Ratio	Lower	Upper
184	100		
63	54.7	47.4	71.0
154	61.2	47.8	71.8



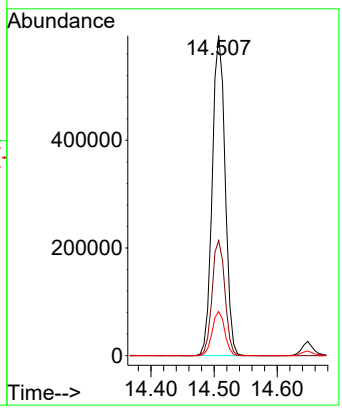


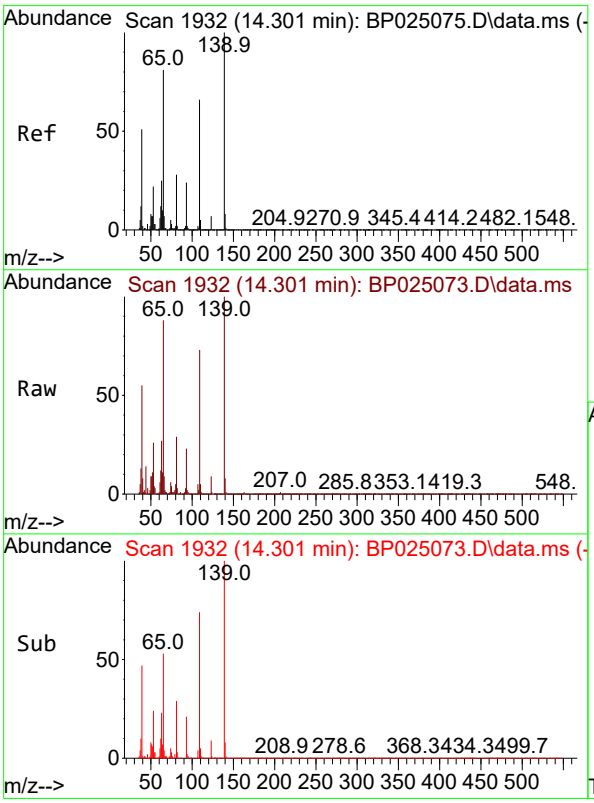
#55
Dibenzofuran
Concen: 10.186 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 838464

Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.6	43.0
169	13.8	10.7	16.1

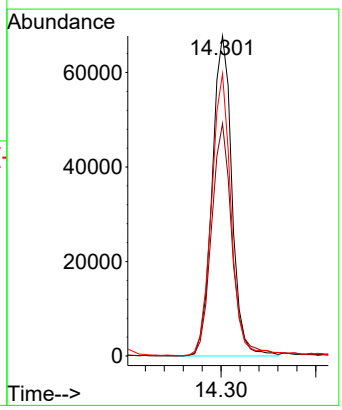


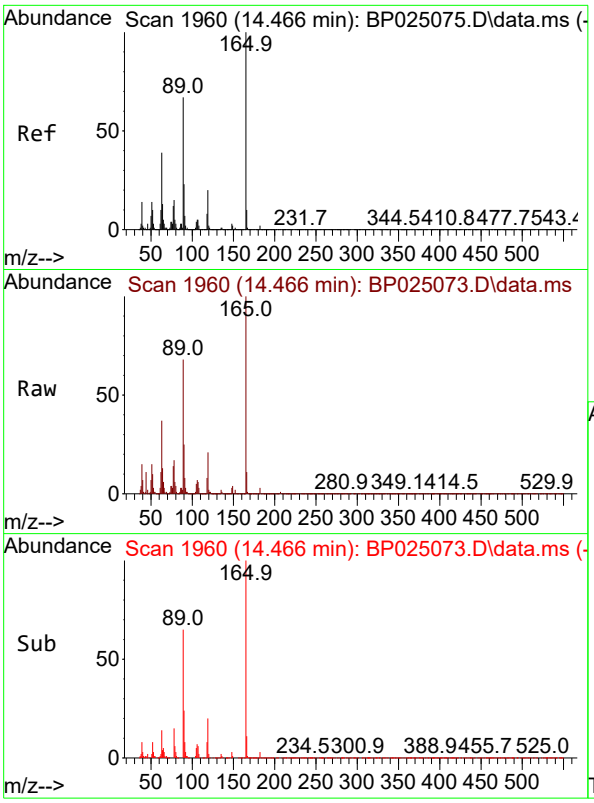


#56
4-Nitrophenol
Concen: 7.853 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:139 Resp: 98038

Ion	Ratio	Lower	Upper
139	100		
109	72.6	45.9	85.9
65	88.2	61.4	101.4



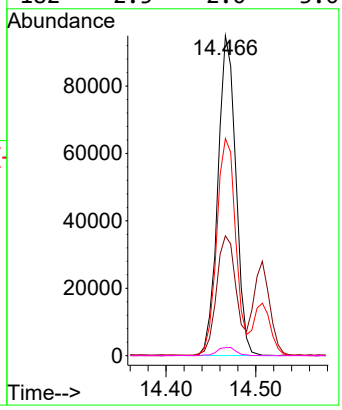


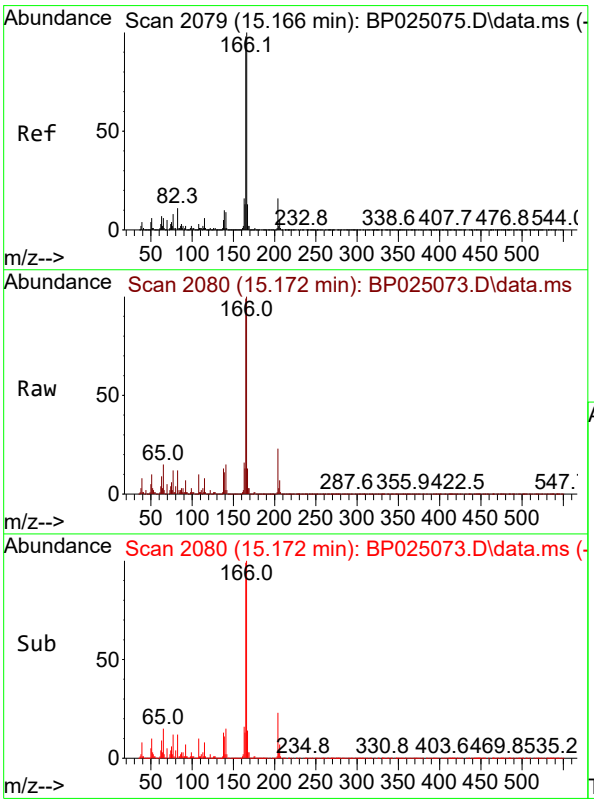
#57
2,4-Dinitrotoluene
Concen: 9.365 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 131885

Ion	Ratio	Lower	Upper
165	100		
63	37.5	31.0	46.4
89	67.9	53.4	80.0
182	2.5	2.0	3.0

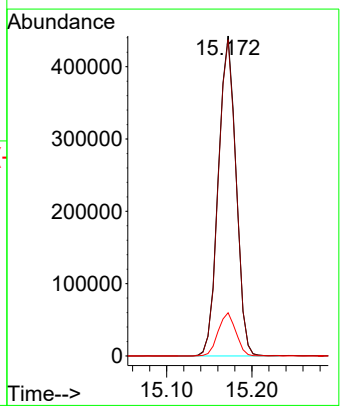


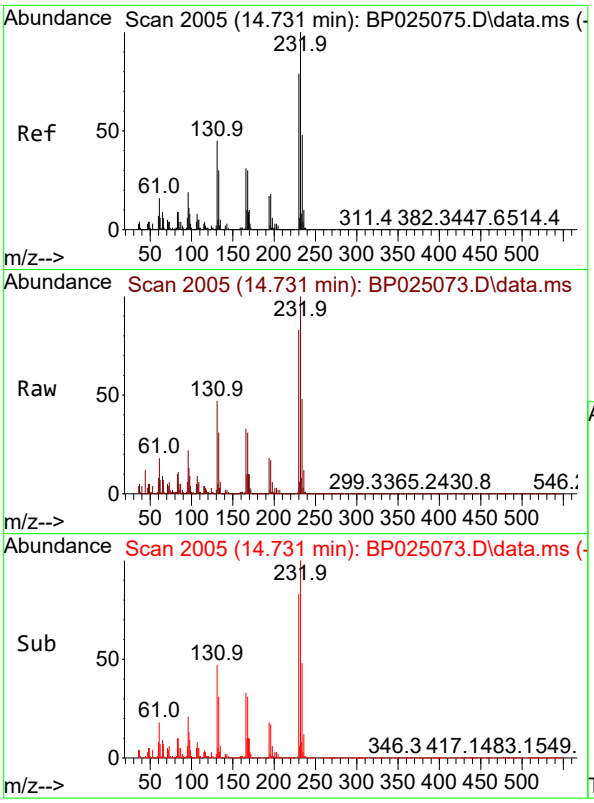


#58
Fluorene
Concen: 10.047 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:166 Resp: 639683

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.5	10.7	16.1



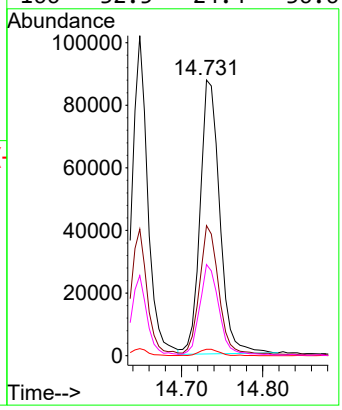


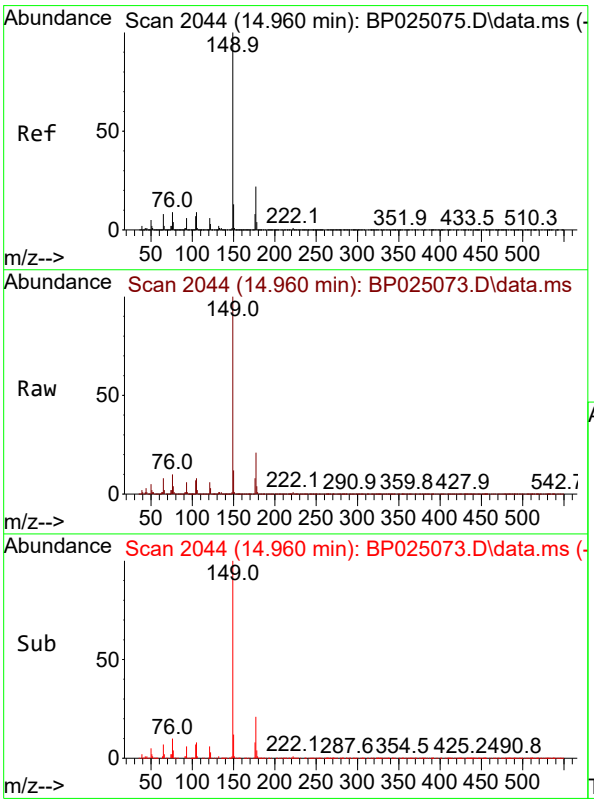
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.890 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 146800

Ion	Ratio	Lower	Upper
232	100		
131	46.4	35.7	53.5
130	2.5	1.8	2.6
166	32.5	24.4	36.6

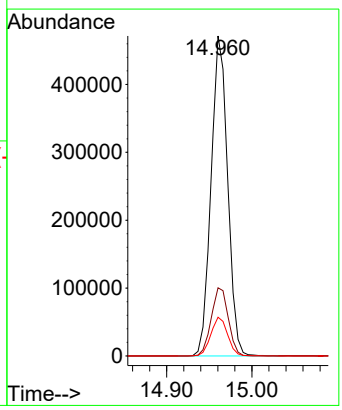


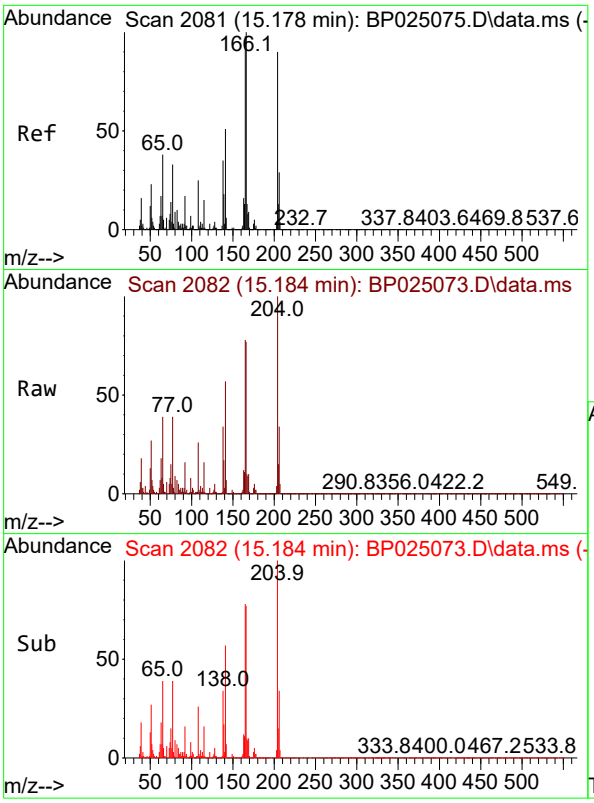


#60
Diethylphthalate
Concen: 9.788 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 636288

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.8	26.8
150	12.1	10.2	15.2



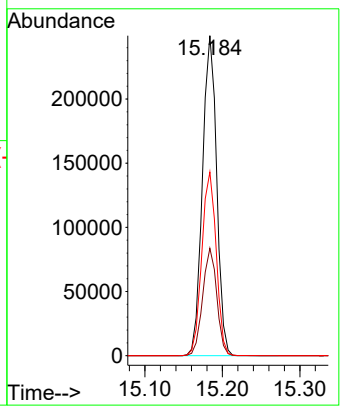


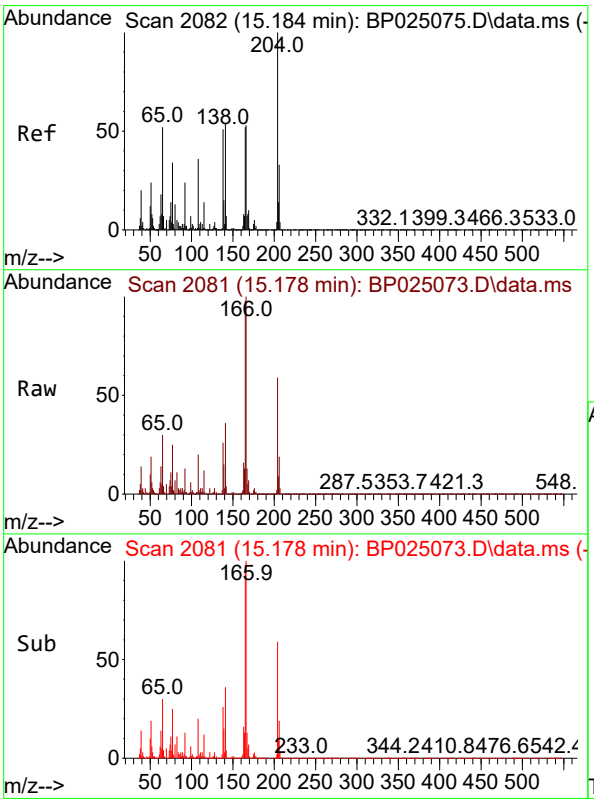
#61
4-Chlorophenyl-phenylether
Concen: 10.084 ng
RT: 15.184 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 317737

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.6
141	57.4	45.1	67.7

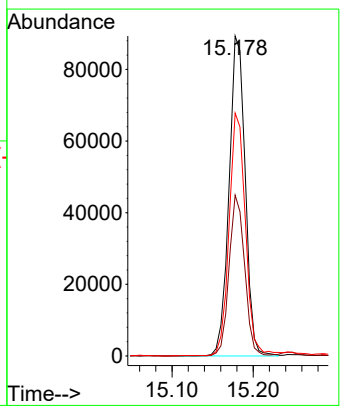


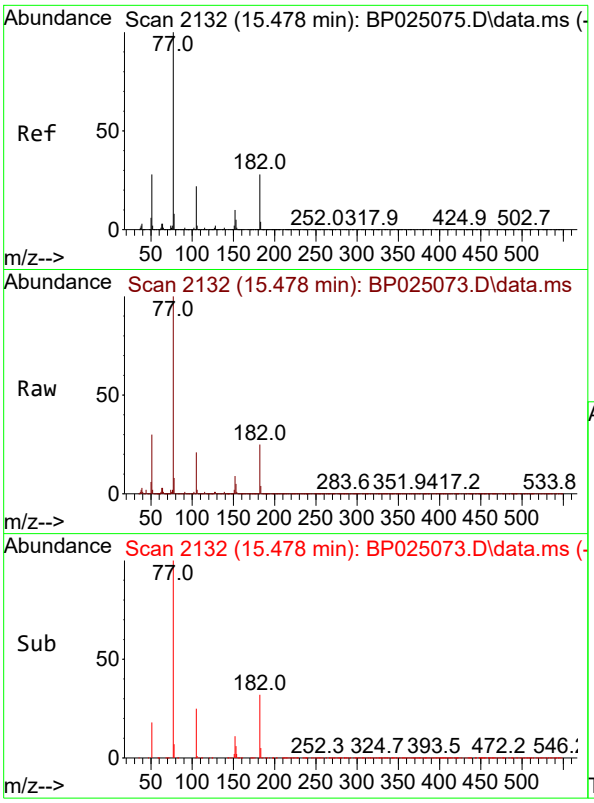


#62
4-Nitroaniline
Concen: 8.706 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:138 Resp: 123493

Ion	Ratio	Lower	Upper
138	100		
92	50.2	26.0	66.0
108	75.9	50.0	90.0



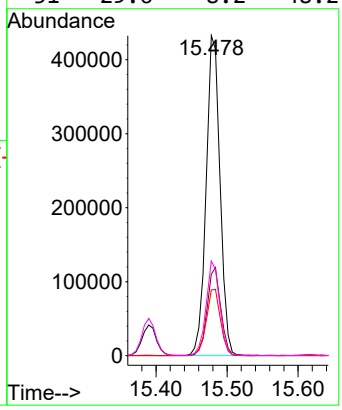


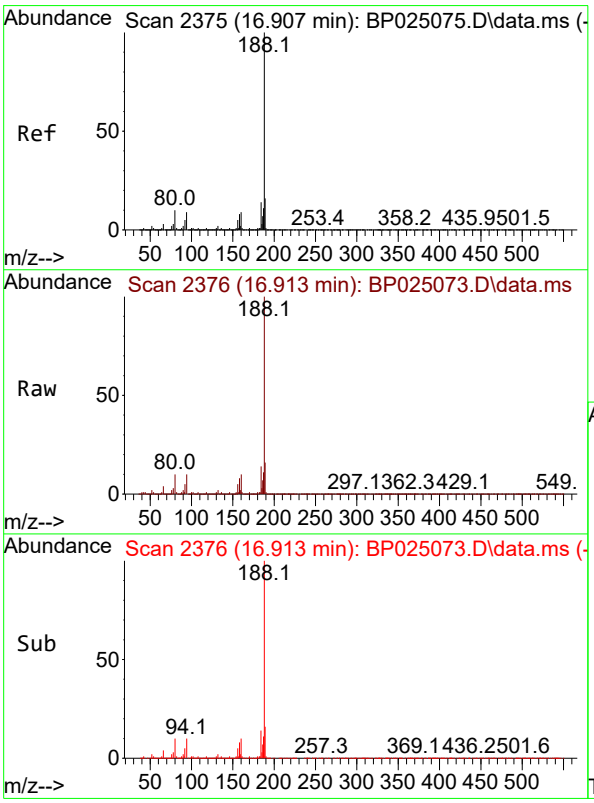
#63
Azobenzene
Concen: 10.181 ng
RT: 15.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 589360

Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.7	47.7
105	20.6	1.9	41.9
51	29.6	8.2	48.2

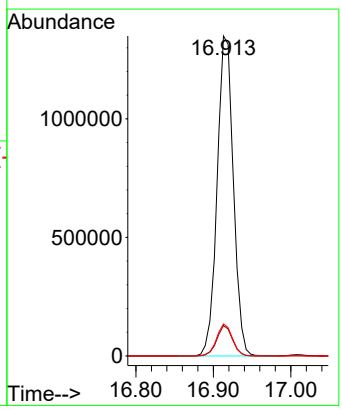


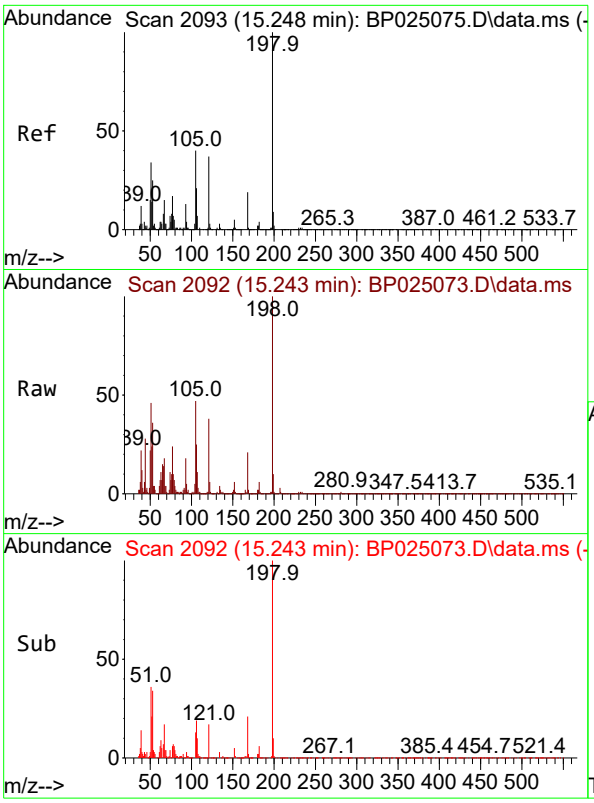


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:188 Resp: 1970410

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.0	7.8	11.6



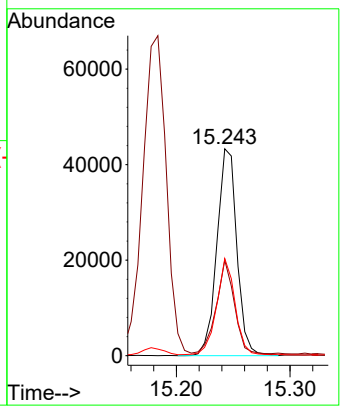


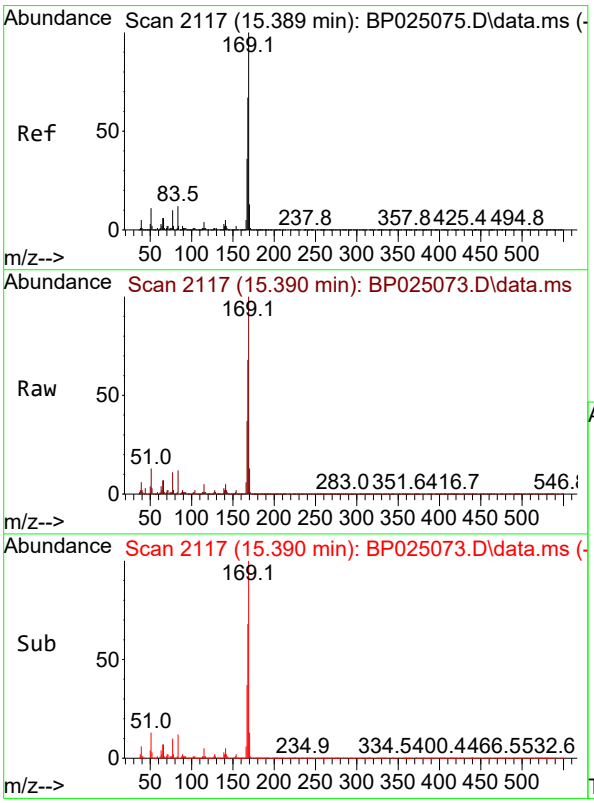
#65
4,6-Dinitro-2-methylphenol
Concen: 10.800 ng
RT: 15.243 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 52978

Ion	Ratio	Lower	Upper
198	100		
51	46.1	16.8	56.8
105	46.9	20.8	60.8

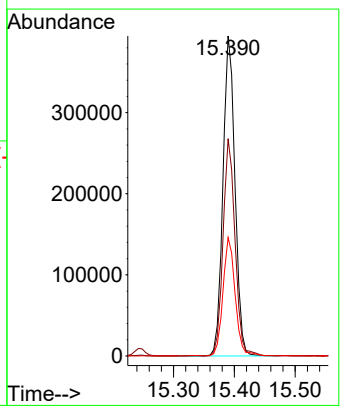


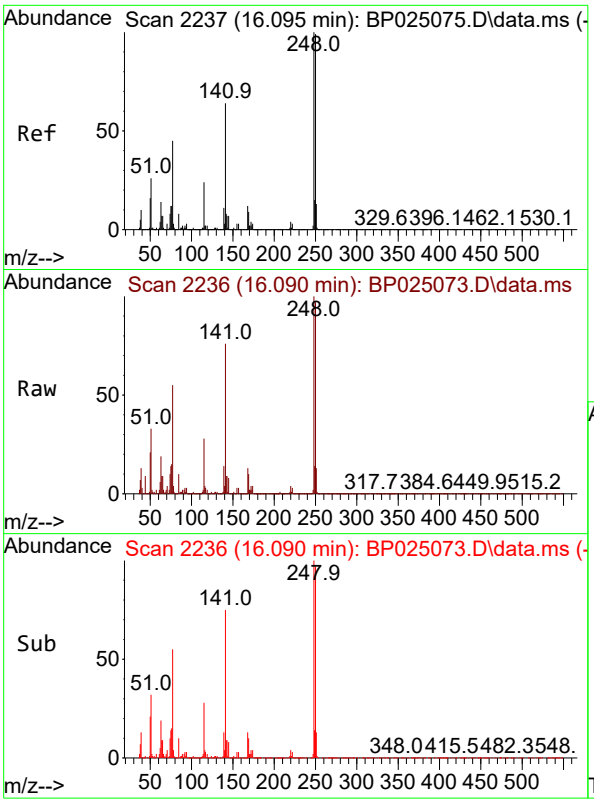


#66
n-Nitrosodiphenylamine
Concen: 9.573 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:169 Resp: 539820

Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.1	81.1
167	37.0	29.0	43.6



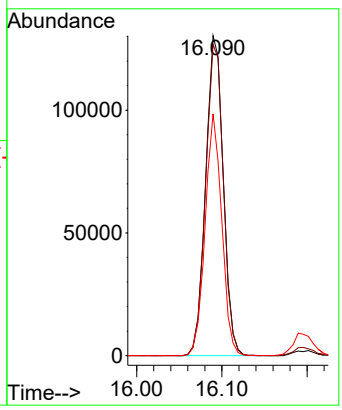


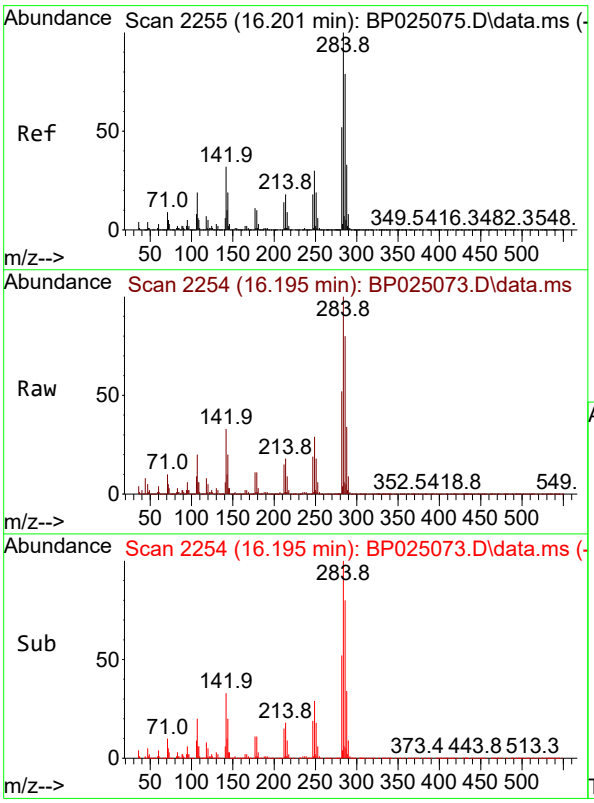
#67
4-Bromophenyl-phenylether
Concen: 9.256 ng
RT: 16.090 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 186736

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.2
141	75.5	51.4	77.0

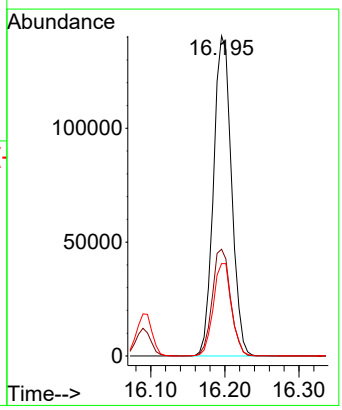


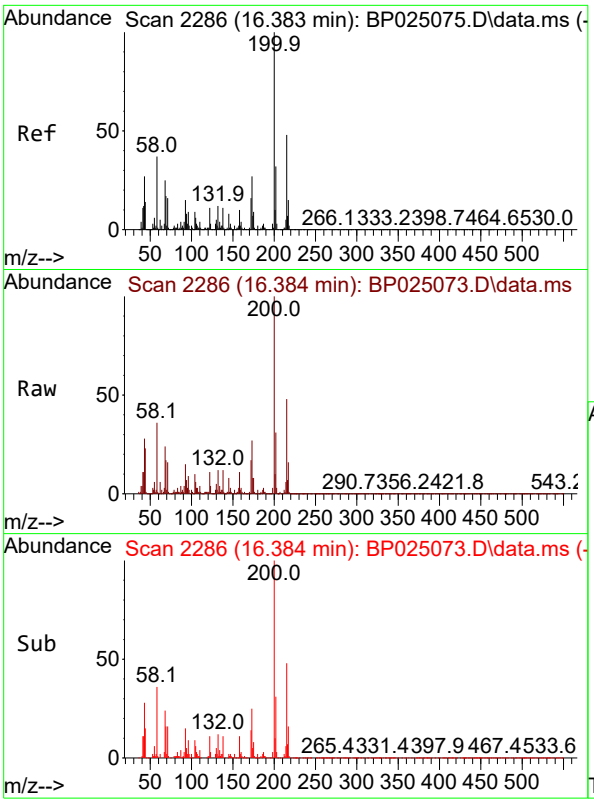


#68
Hexachlorobenzene
Concen: 9.604 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:284 Resp: 236838

Ion	Ratio	Lower	Upper
284	100		
142	33.3	25.9	38.9
249	28.9	23.8	35.8



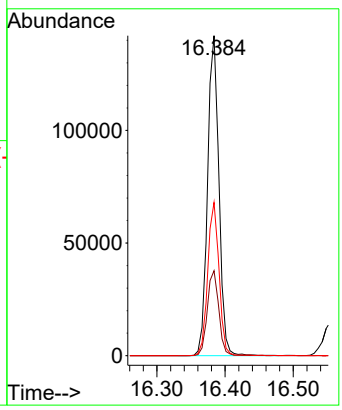


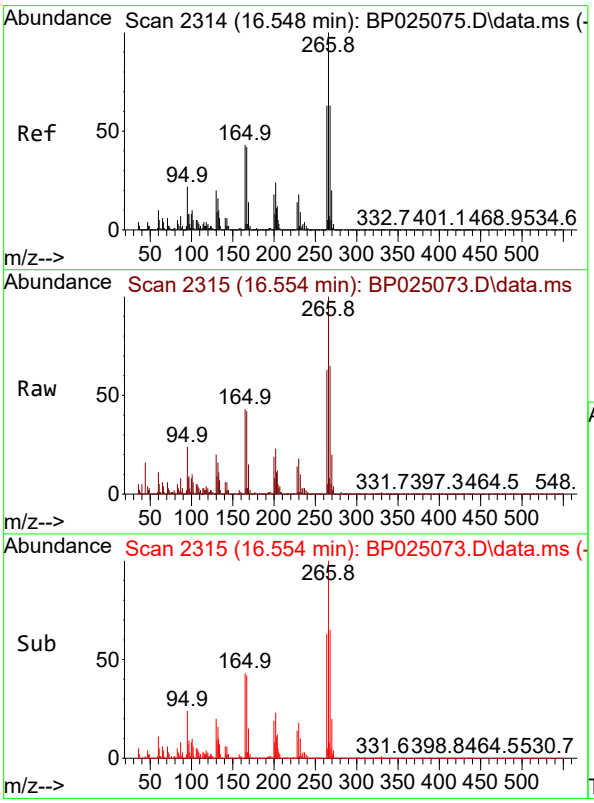
#69
Atrazine
Concen: 9.954 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 164479

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	47.9	28.0	68.0

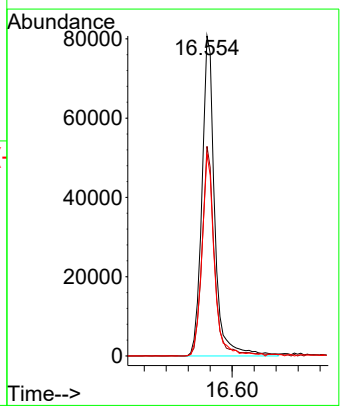


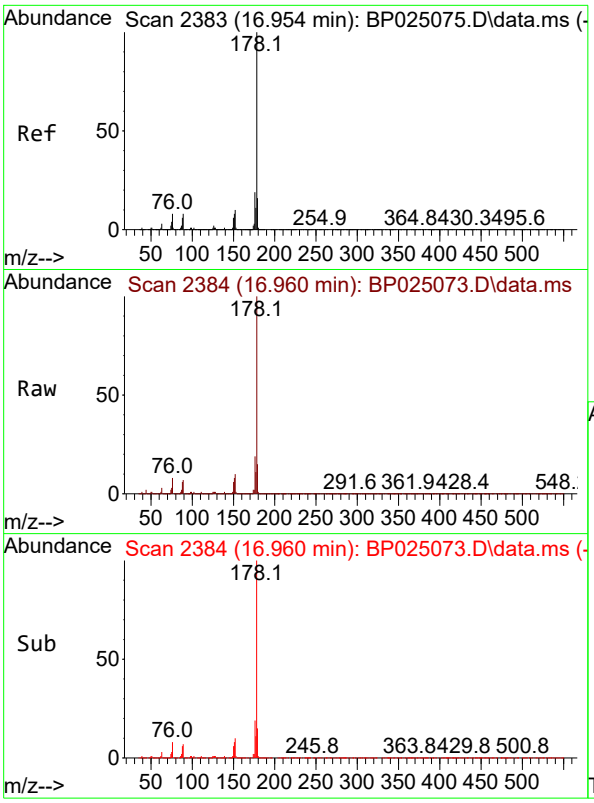


#70
Pentachlorophenol
Concen: 7.774 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:266 Resp: 129459

Ion	Ratio	Lower	Upper
266	100		
268	65.5	50.4	75.6
264	63.0	50.2	75.2



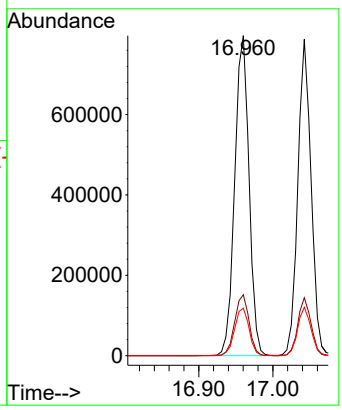


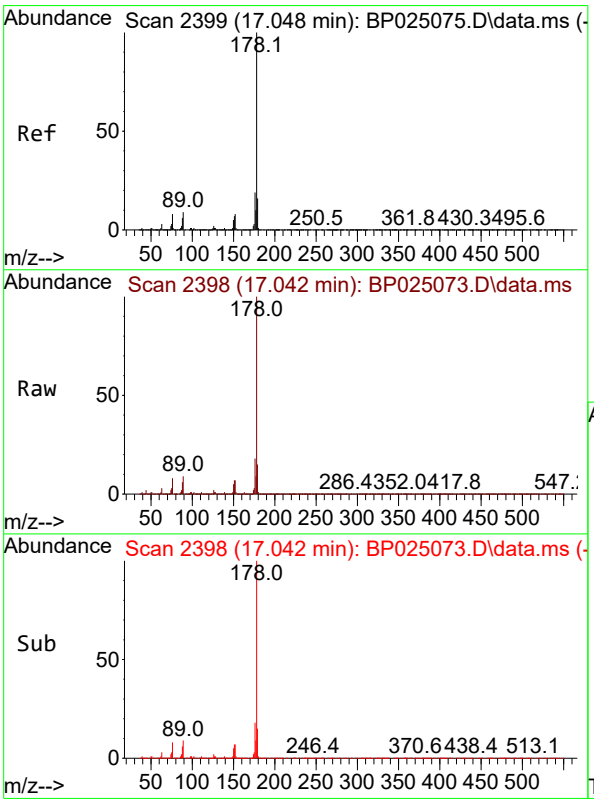
#71
Phenanthrene
Concen: 10.146 ng
RT: 16.960 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 1068228

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	14.8	12.6	19.0

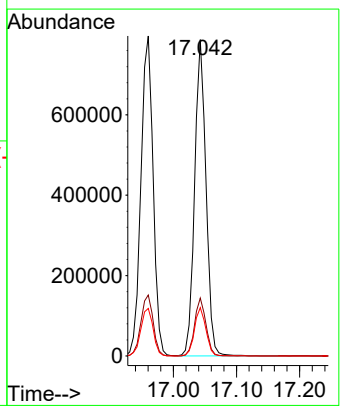


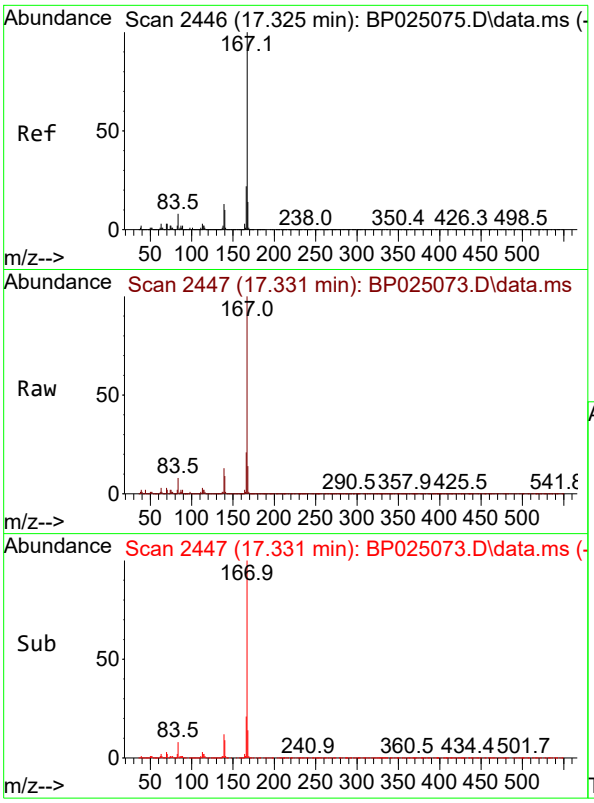


#72
Anthracene
Concen: 9.710 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:178 Resp: 980773

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.3	12.5	18.7



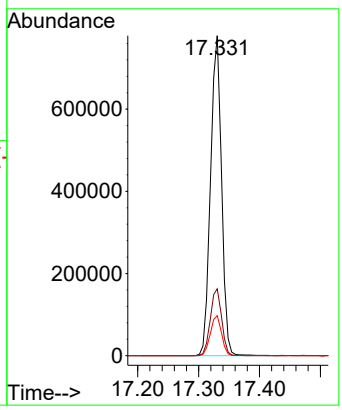


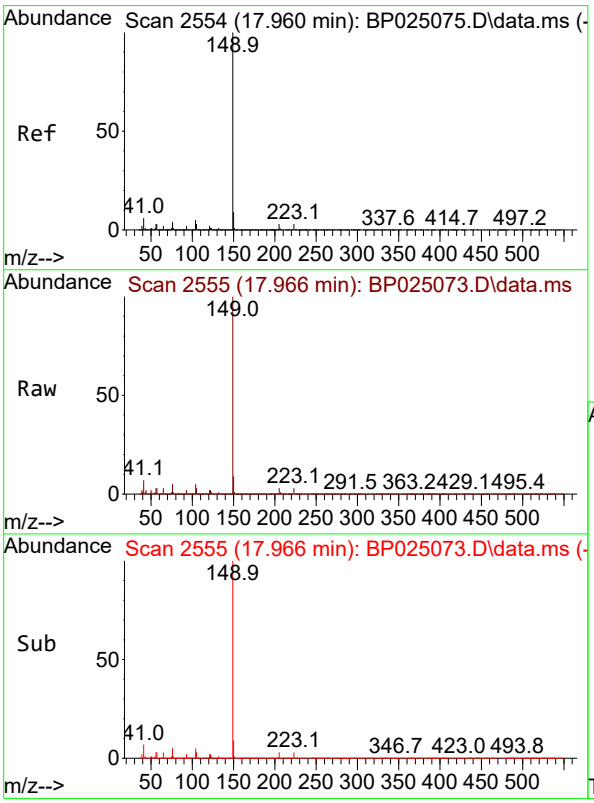
#73
Carbazole
Concen: 9.917 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 979377

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	12.5	10.4	15.6

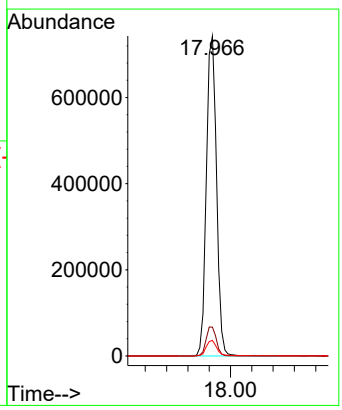


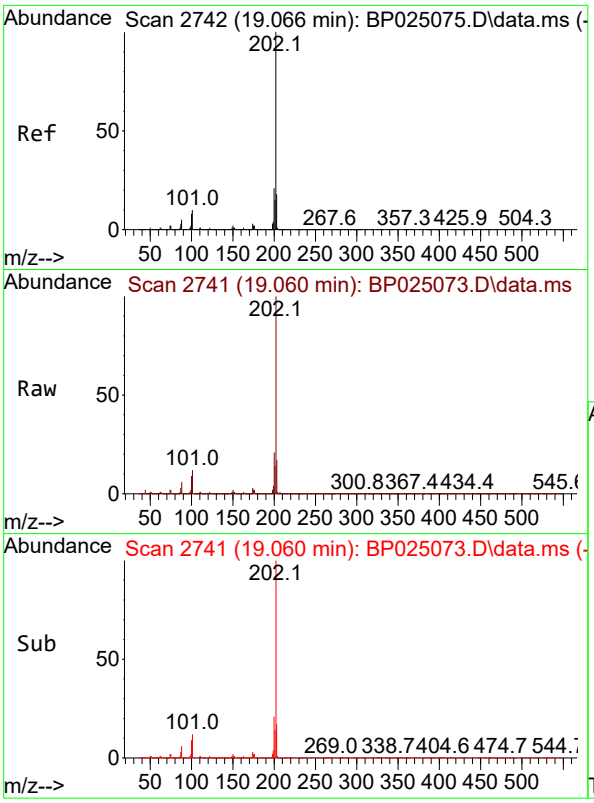


#74
Di-n-butylphthalate
Concen: 8.907 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 979540

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.9	3.8	5.6



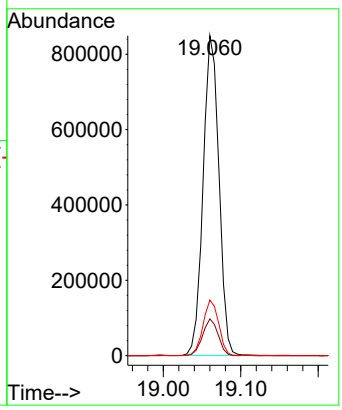


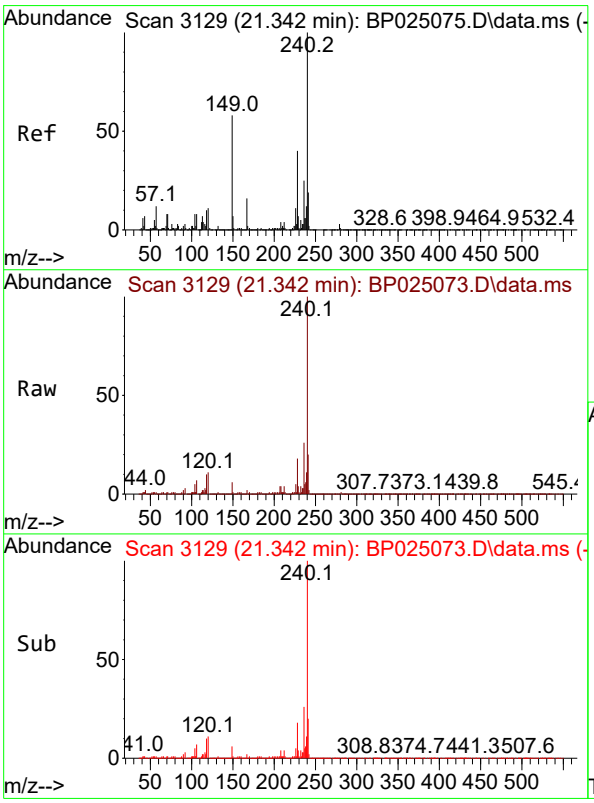
#75
Fluoranthene
Concen: 9.781 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 1203752

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.4
203	17.4	0.0	37.6

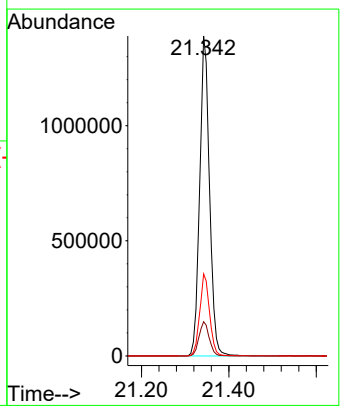


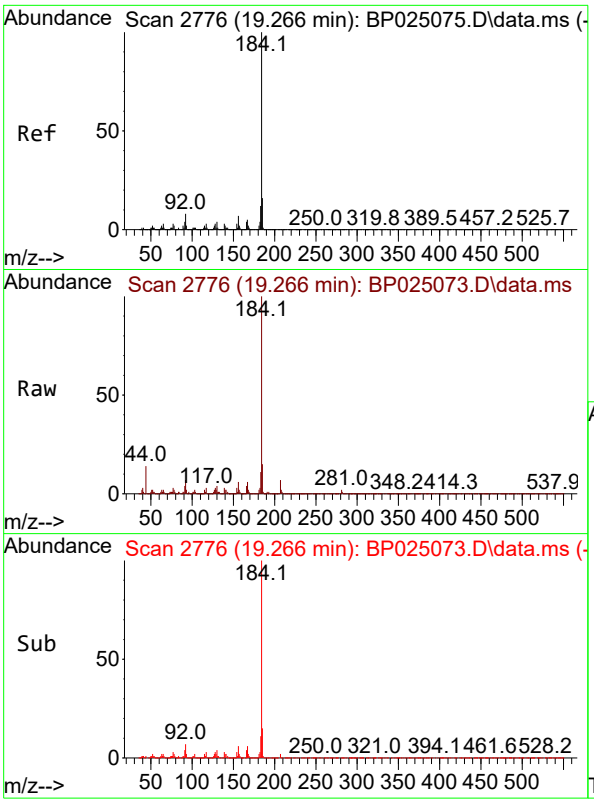


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:240 Resp: 2172955

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	25.7	20.3	30.5



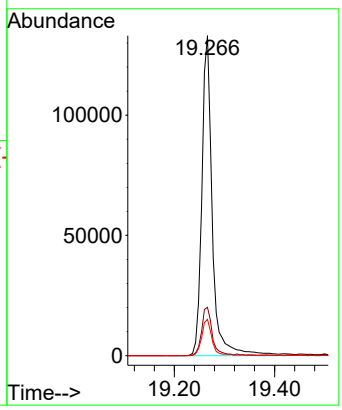


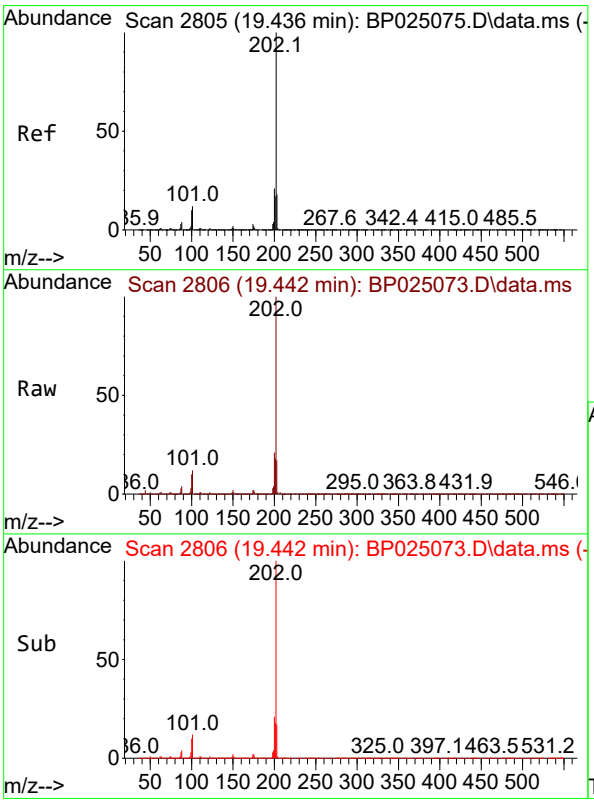
#77
Benzidine
Concen: 5.003 ng
RT: 19.266 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 192008

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	11.4	9.4	14.2

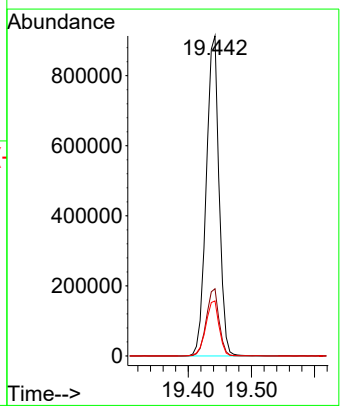


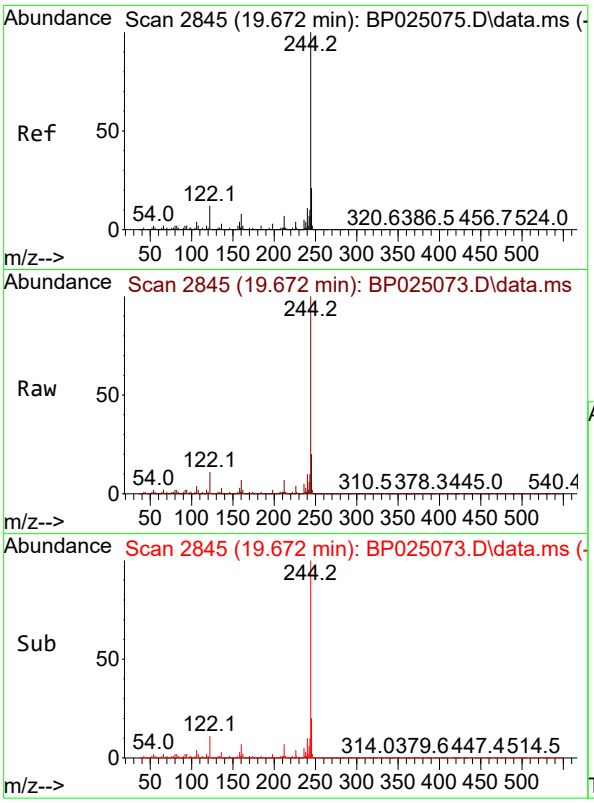


#78
Pyrene
Concen: 9.559 ng
RT: 19.442 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:202 Resp: 1286495

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.2	14.1	21.1



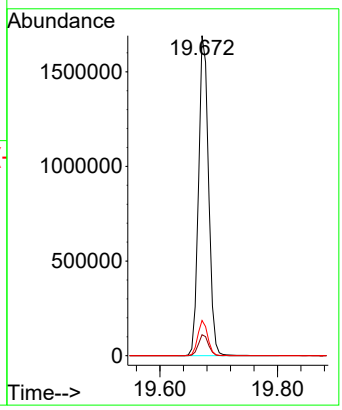


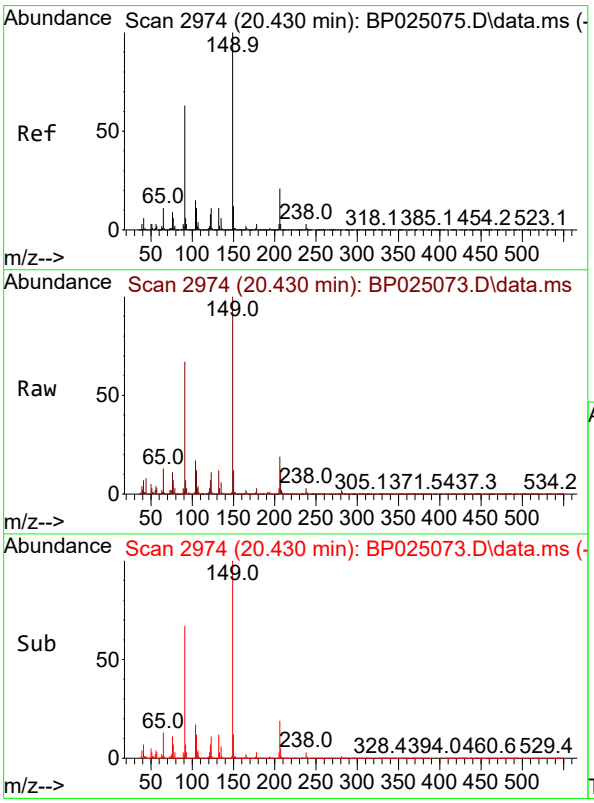
#79
Terphenyl-d14
Concen: 20.207 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1997838

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	11.0	9.4	14.2

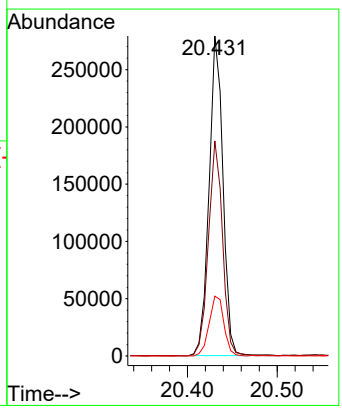


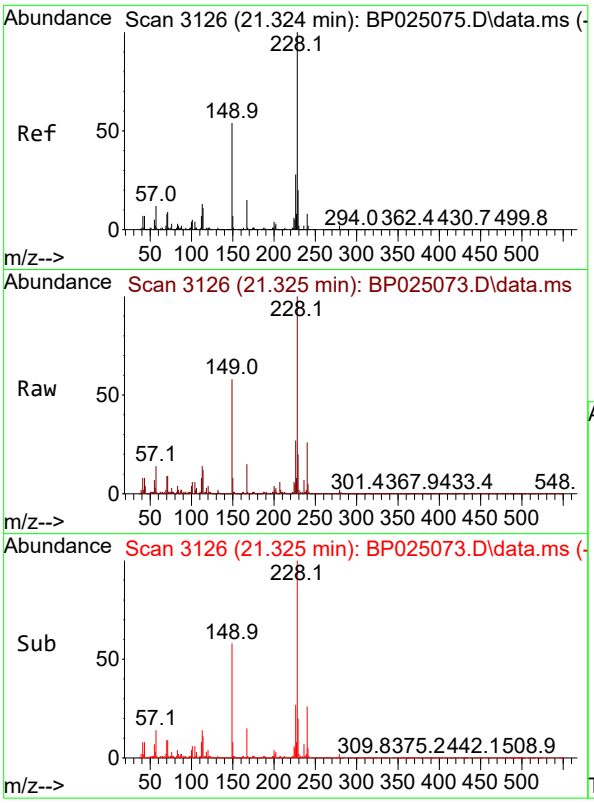


#80
Butylbenzylphthalate
Concen: 9.024 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 300028

Ion	Ratio	Lower	Upper
149	100		
91	67.2	50.6	76.0
206	18.7	17.2	25.8



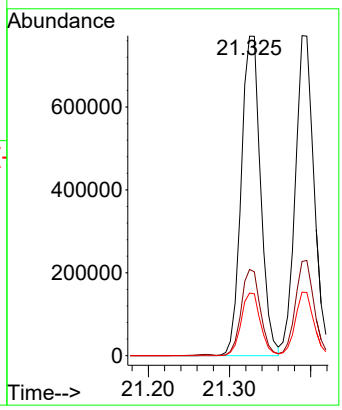


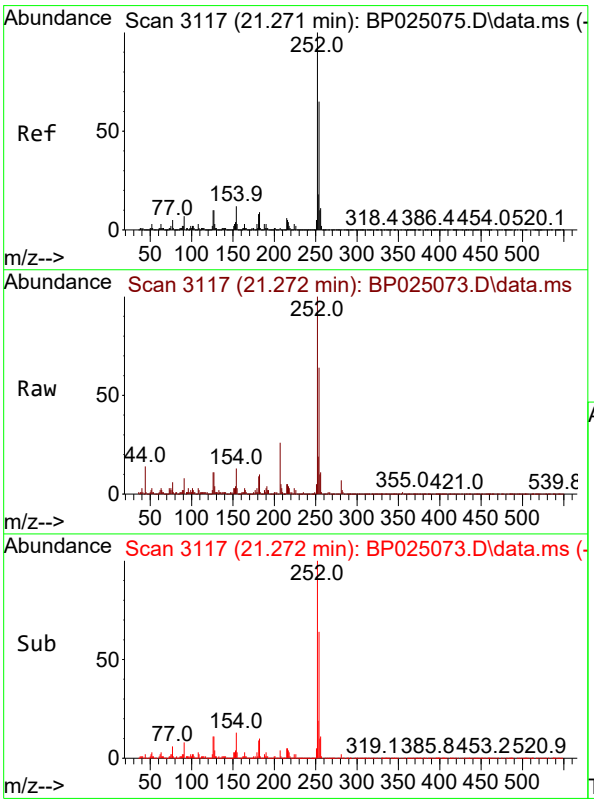
#81
Benzo(a)anthracene
Concen: 9.691 ng
RT: 21.325 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1276106

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.6	16.0	24.0

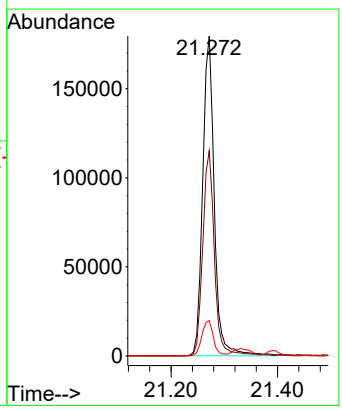


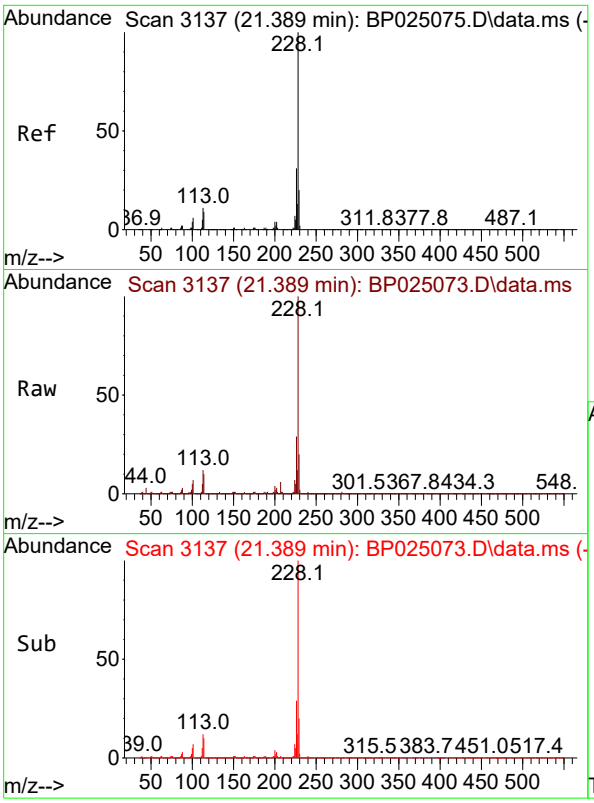


#82
3,3'-Dichlorobenzidine
Concen: 6.834 ng
RT: 21.272 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 270931

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	11.0	8.1	12.1



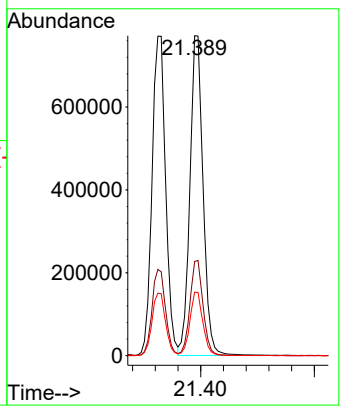


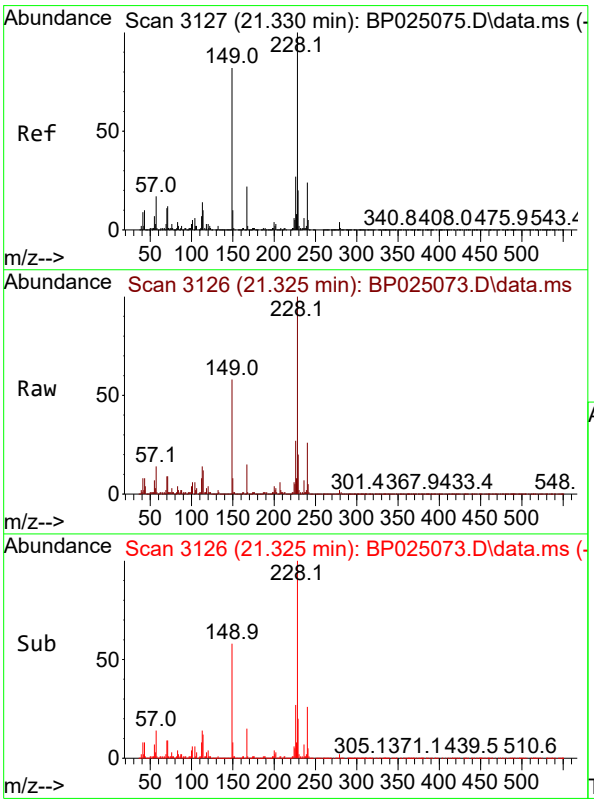
#83
Chrysene
Concen: 9.832 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1246003

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	19.9	16.0	24.0

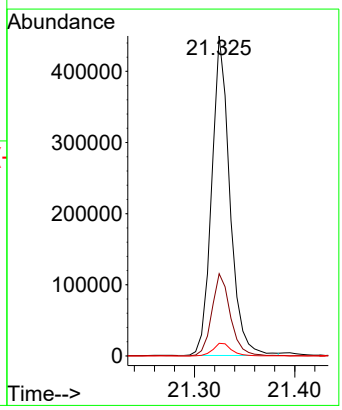


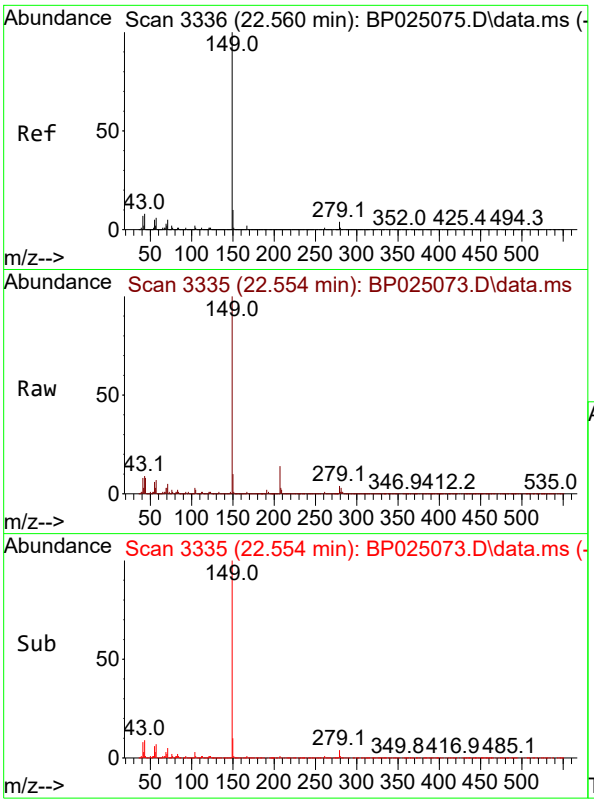


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.999 ng
RT: 21.325 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 564998

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.9	32.9
279	3.9	3.5	5.3



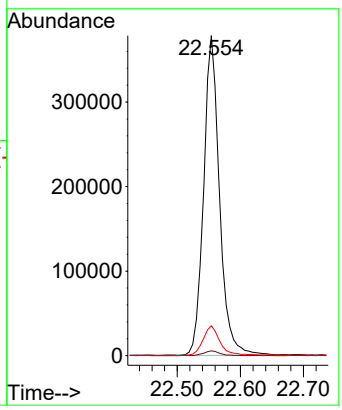


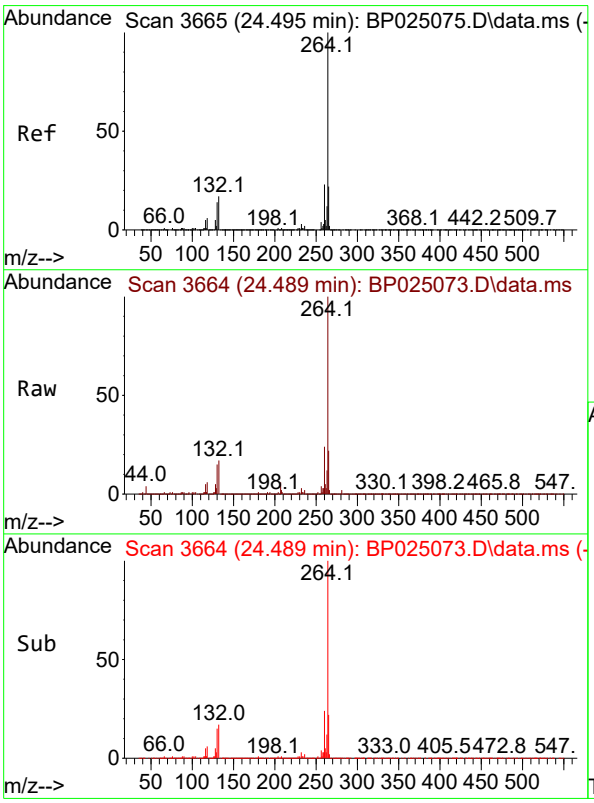
#85
Di-n-octyl phthalate
Concen: 10.561 ng
RT: 22.554 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 662011

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.9	6.9	10.3

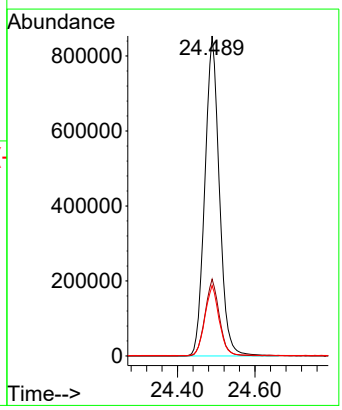


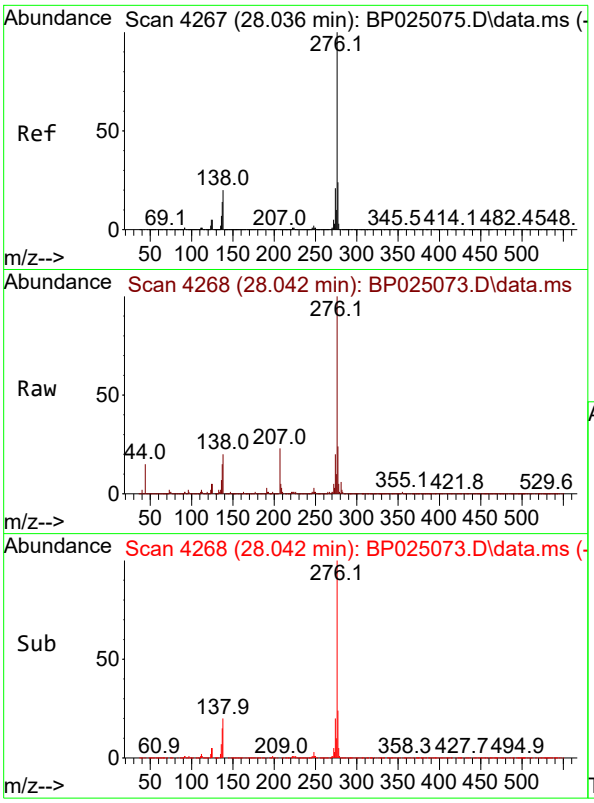


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.489 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:264 Resp: 2220570

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.0	17.7	26.5



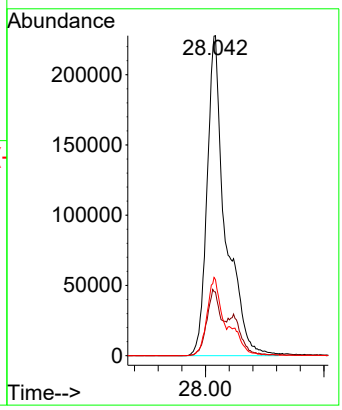


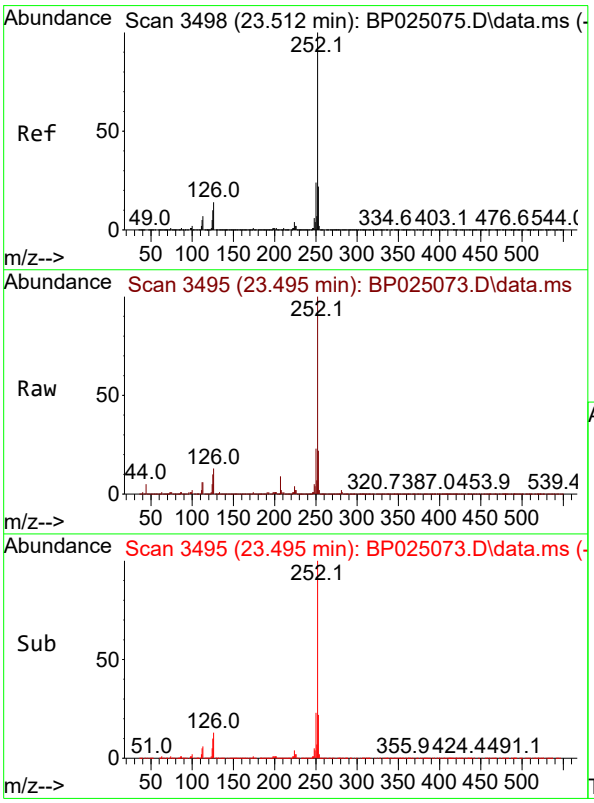
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.642 ng
RT: 28.042 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 1222863

Ion	Ratio	Lower	Upper
276	100		
138	15.3	13.0	19.6
277	18.8	15.9	23.9

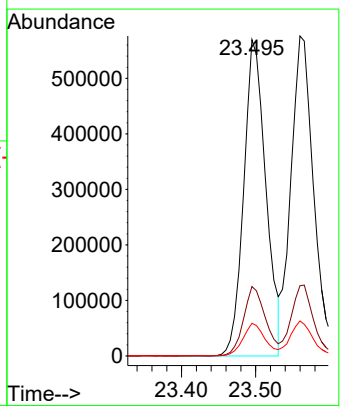


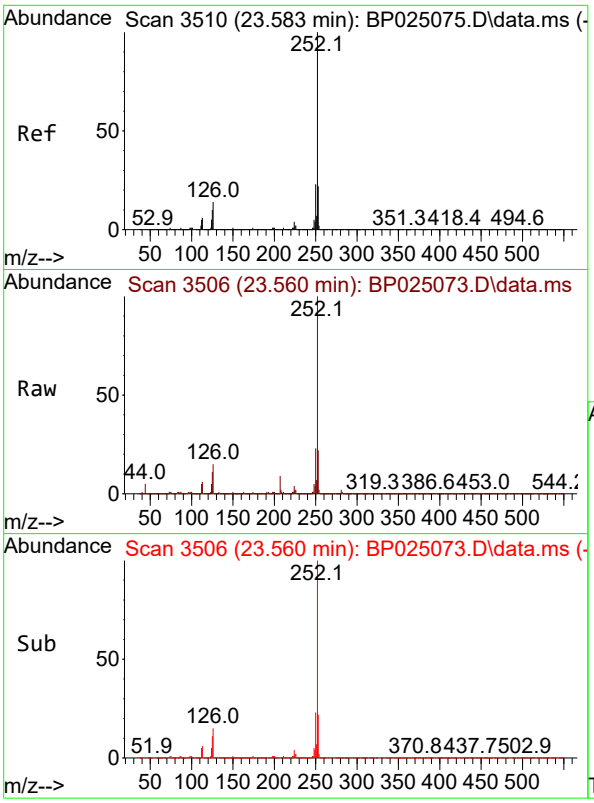


#88
Benzo(b)fluoranthene
Concen: 9.134 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.017 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 1180548

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.3	8.1	12.1



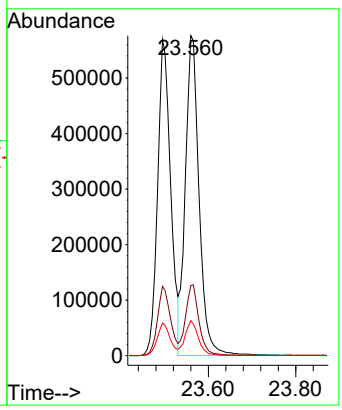


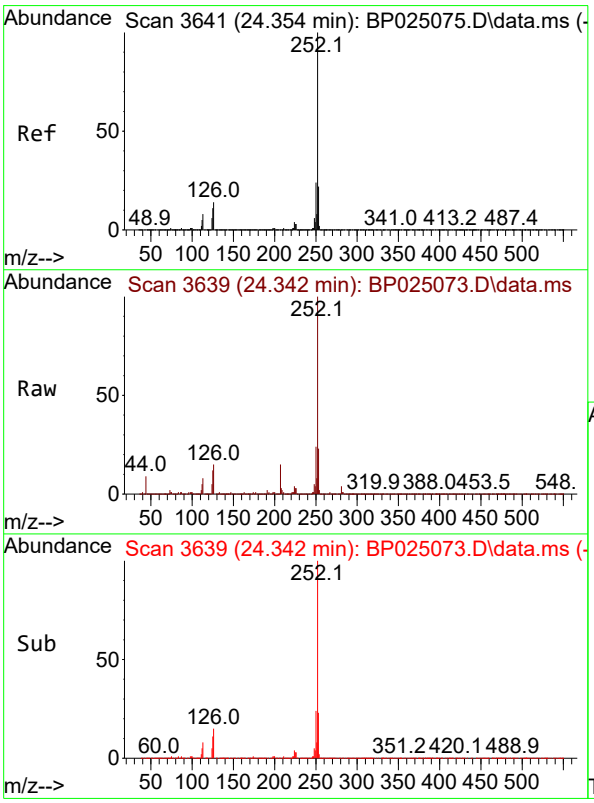
#89
Benzo(k)fluoranthene
Concen: 9.743 ng
RT: 23.560 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 1252989

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.0	8.2	12.2

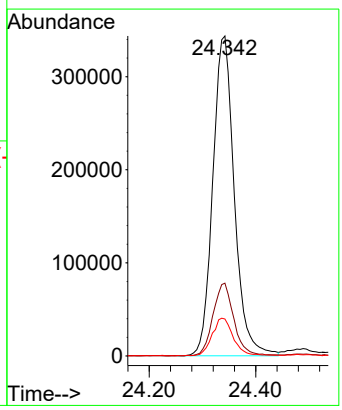


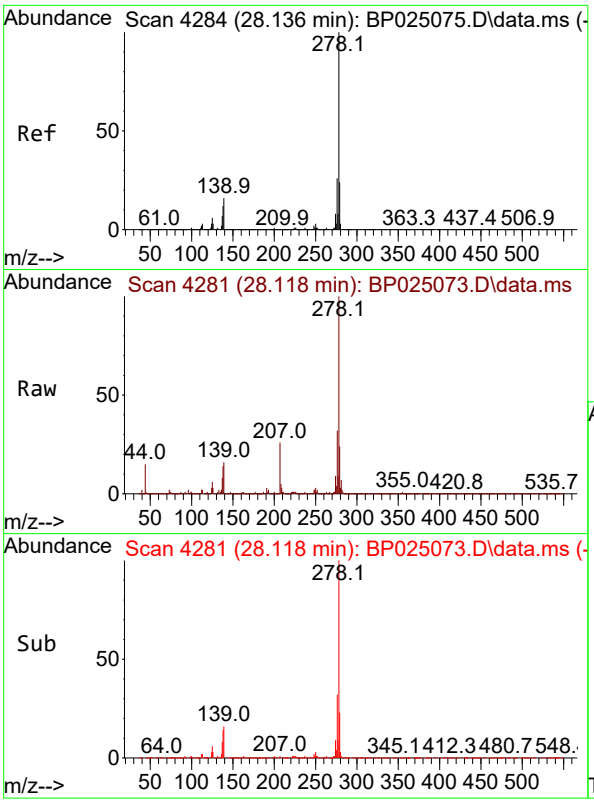


#90
Benzo(a)pyrene
Concen: 8.758 ng
RT: 24.342 min Scan# 3639
Delta R.T. -0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 963455

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.5	9.0	13.4



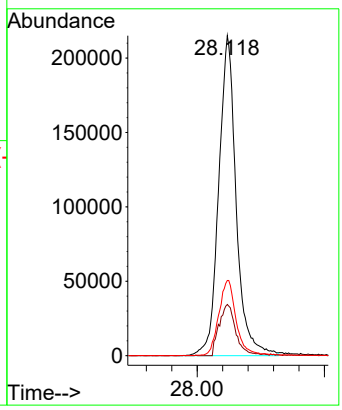


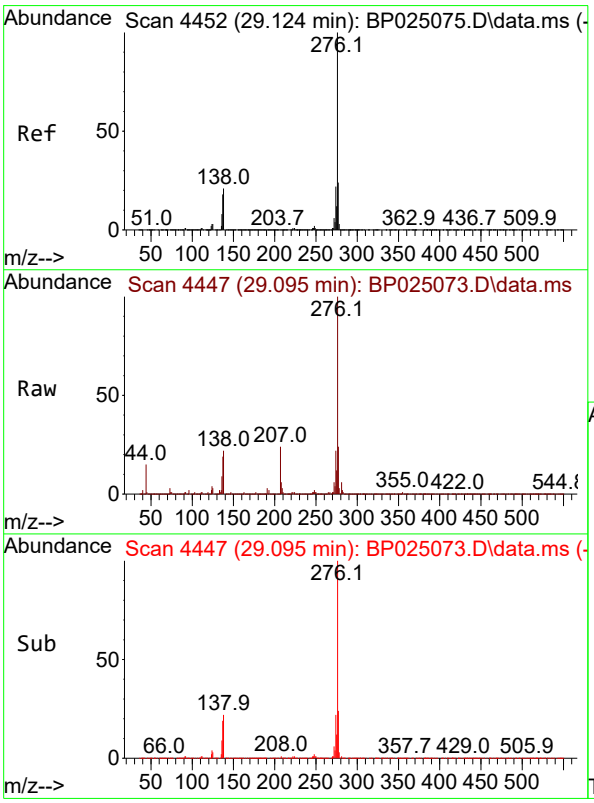
#91
Dibenzo(a,h)anthracene
Concen: 8.747 ng
RT: 28.118 min Scan# 4
Delta R.T. -0.017 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 1022797

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	23.5	18.9	28.3

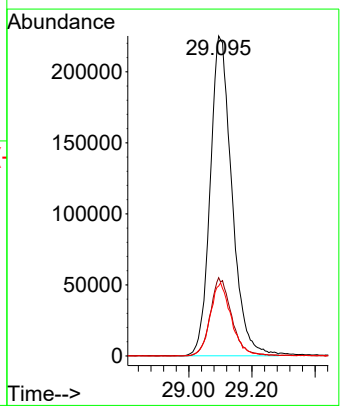




#92
Benzo(g,h,i)perylene
Concen: 8.886 ng
RT: 29.095 min Scan# 4447
Delta R.T. -0.029 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:276 Resp: 1073371

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	21.8	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	357536	20.000	ng		0.00
21) Naphthalene-d8	10.184	136	1460146	20.000	ng		0.00
39) Acenaphthene-d10	14.089	164	975973	20.000	ng		0.00
64) Phenanthrene-d10	16.913	188	1992018	20.000	ng		0.00
76) Chrysene-d12	21.348	240	2159758	20.000	ng		0.00
86) Perylene-d12	24.483	264	2243019	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	842975	41.776	ng		0.00
7) Phenol-d6	6.625	99	1087166	41.286	ng		0.00
23) Nitrobenzene-d5	8.566	82	918035	41.814	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	468488	40.634	ng		-0.01
45) 2-Fluorobiphenyl	12.690	172	2657285	42.179	ng		0.00
79) Terphenyl-d14	19.672	244	4224886	42.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	163489	20.836	ng		98
3) Pyridine	3.490	79	444402	20.702	ng		98
4) n-Nitrosodimethylamine	3.408	42	189864	20.874	ng	#	98
6) Aniline	6.784	93	511196	20.777	ng		99
8) 2-Chlorophenol	7.013	128	472043	20.908	ng		98
9) Benzaldehyde	6.596	77	319740	23.250	ng		99
10) Phenol	6.655	94	554695	20.731	ng		99
11) bis(2-Chloroethyl)ether	6.884	93	429103	20.838	ng		99
12) 1,3-Dichlorobenzene	7.331	146	531035	21.016	ng		99
13) 1,4-Dichlorobenzene	7.484	146	538001	21.030	ng		98
14) 1,2-Dichlorobenzene	7.784	146	516666	20.995	ng		100
15) Benzyl Alcohol	7.666	79	354316	20.160	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	561269	20.963	ng		99
17) 2-Methylphenol	7.878	107	359925	20.883	ng		99
18) Hexachloroethane	8.502	117	171635	20.594	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	335331	21.473	ng		97
20) 3+4-Methylphenols	8.202	107	494507	20.484	ng		99
22) Acetophenone	8.243	105	733244	21.234	ng		99
24) Nitrobenzene	8.613	77	465912	20.834	ng		98
25) Isophorone	9.131	82	857174	20.891	ng		100
26) 2-Nitrophenol	9.313	139	171063	17.980	ng		97
27) 2,4-Dimethylphenol	9.384	122	318872	20.834	ng		99
28) bis(2-Chloroethoxy)met...	9.619	93	585299	21.009	ng		99
29) 2,4-Dichlorophenol	9.837	162	435473	20.519	ng		99
30) 1,2,4-Trichlorobenzene	10.060	180	483959	20.592	ng		99
31) Naphthalene	10.237	128	1578374	20.993	ng		99
32) Benzoic acid	9.472	122	222091	18.881	ng		99
33) 4-Chloroaniline	10.348	127	583020	20.779	ng		98
34) Hexachlorobutadiene	10.537	225	275058	20.394	ng		99
35) Caprolactam	11.096	113	148067	20.394	ng		99
36) 4-Chloro-3-methylphenol	11.478	107	468989	21.146	ng		100
37) 2-Methylnaphthalene	11.866	142	1118020	21.075	ng		99
38) 1-Methylnaphthalene	12.090	142	1099060	21.243	ng		99
40) 1,2,4,5-Tetrachloroben...	12.243	216	570143	20.326	ng		100
41) Hexachlorocyclopentadiene	12.237	237	131777	17.986	ng		97
43) 2,4,6-Trichlorophenol	12.490	196	346793	20.418	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	395864	20.566	ng	99
46) 1,1'-Biphenyl	12.907	154	1473578	20.751	ng	99
47) 2-Chloronaphthalene	12.942	162	1113594	20.865	ng	99
48) 2-Nitroaniline	13.137	65	228962	19.268	ng	97
49) Acenaphthylene	13.795	152	1728416	21.159	ng	99
50) Dimethylphthalate	13.554	163	1434045	20.991	ng	100
51) 2,6-Dinitrotoluene	13.660	165	274371	20.592	ng	97
52) Acenaphthene	14.154	154	1114579m	21.170	ng	
53) 3-Nitroaniline	13.989	138	290162	20.320	ng	95
54) 2,4-Dinitrophenol	14.189	184	95858	19.115	ng	97
55) Dibenzofuran	14.501	168	1821290	20.961	ng	99
56) 4-Nitrophenol	14.307	139	253402	19.230	ng	97
57) 2,4-Dinitrotoluene	14.460	165	354786	19.783	ng	95
58) Fluorene	15.166	166	1431605	21.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.742	232	361259	20.726	ng	100
60) Diethylphthalate	14.960	149	1433207	20.887	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	692727	20.828	ng	99
62) 4-Nitroaniline	15.172	138	313433	20.933	ng	99
63) Azobenzene	15.472	77	1295934	21.209	ng	100
65) 4,6-Dinitro-2-methylph...	15.242	198	138316	19.064	ng	99
66) n-Nitrosodiphenylamine	15.395	169	1189868	20.872	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	425191	20.847	ng	95
68) Hexachlorobenzene	16.201	284	507935	20.375	ng	97
69) Atrazine	16.378	200	363960	21.787	ng	99
70) Pentachlorophenol	16.548	266	324553	19.277	ng	99
71) Phenanthrene	16.948	178	2198840	20.658	ng	100
72) Anthracene	17.042	178	2176257	21.311	ng	100
73) Carbazole	17.319	167	2105955	21.092	ng	99
74) Di-n-butylphthalate	17.960	149	2284685	20.548	ng	100
75) Fluoranthene	19.060	202	2649288	21.293	ng	100
77) Benzidine	19.260	184	764455	20.041	ng	100
78) Pyrene	19.436	202	2780845	20.788	ng	100
80) Butylbenzylphthalate	20.430	149	815246	18.287	ng	99
81) Benzo(a)anthracene	21.330	228	2791625	21.329	ng	99
82) 3,3'-Dichlorobenzidine	21.260	252	734695	18.647	ng	100
83) Chrysene	21.395	228	2642166	20.977	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	1396109	19.886	ng	99
85) Di-n-octyl phthalate	22.548	149	1892919	18.935	ng	98
87) Indeno(1,2,3-cd)pyrene	28.018	276	2955341	20.677	ng	97
88) Benzo(b)fluoranthene	23.495	252	2724905	20.872	ng	100
89) Benzo(k)fluoranthene	23.560	252	2800667	21.560	ng	99
90) Benzo(a)pyrene	24.330	252	2321462	20.892	ng	99
91) Dibenzo(a,h)anthracene	28.101	278	2461745	20.842	ng	99
92) Benzo(g,h,i)perylene	29.095	276	2525145	20.695	ng	99

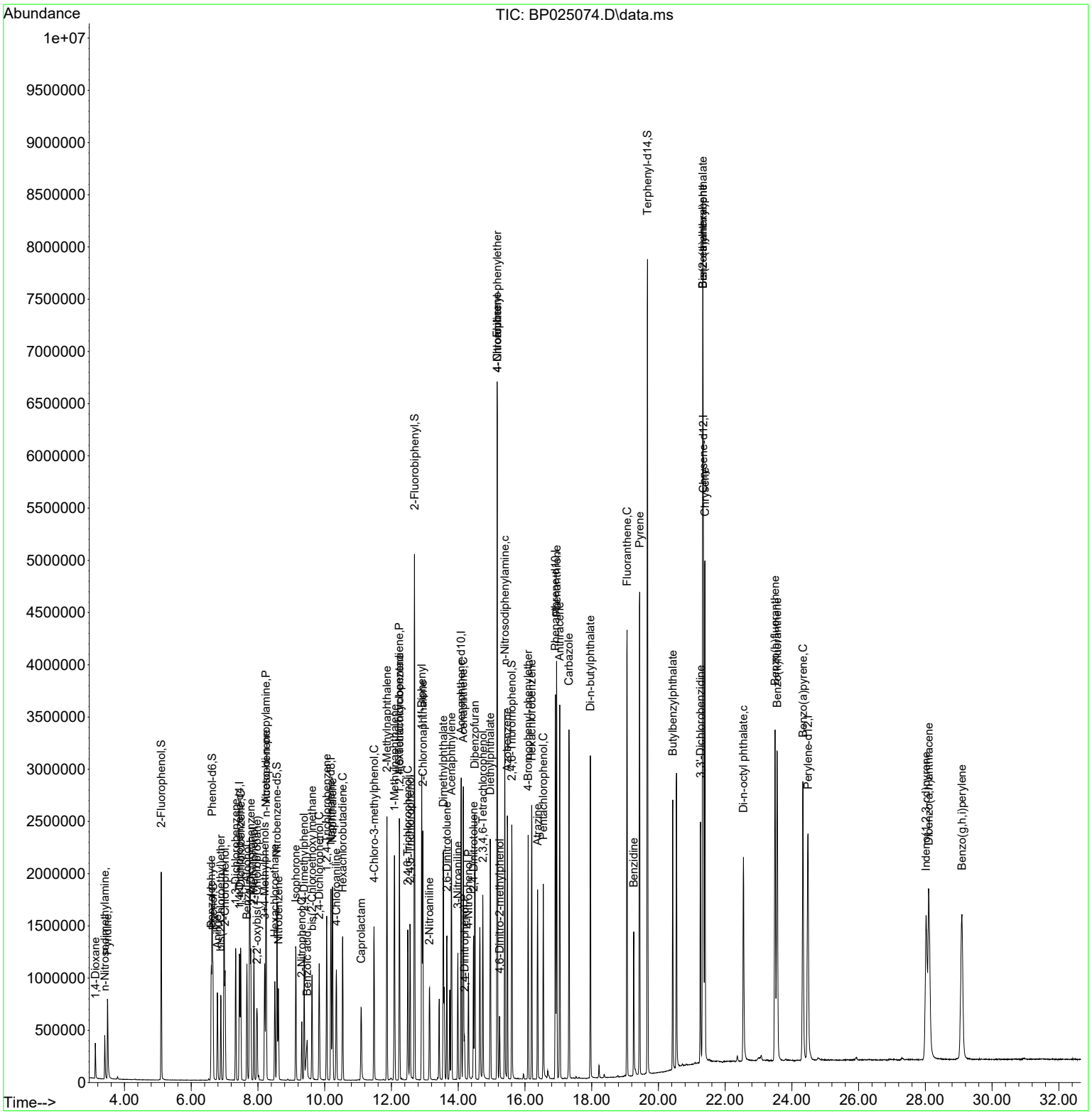
(#) = qualifier out of range (m) = manual integration (+) = signals summed

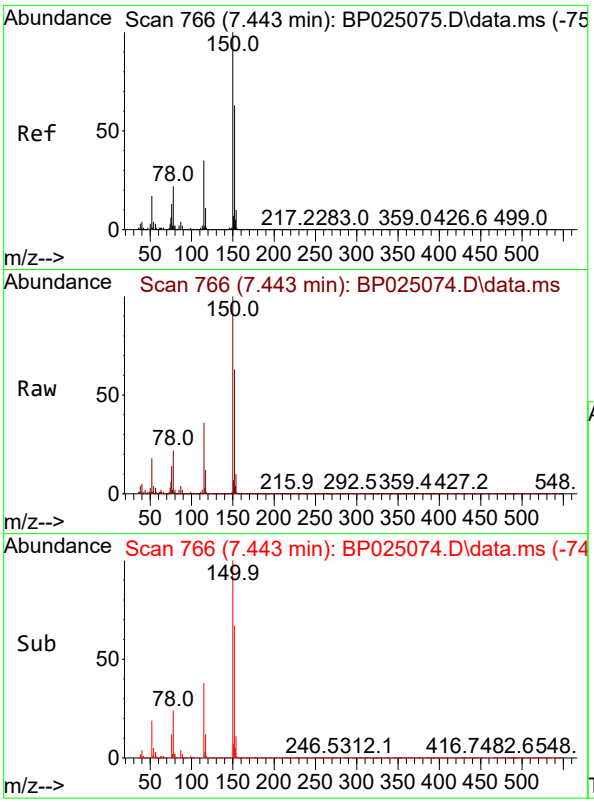
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



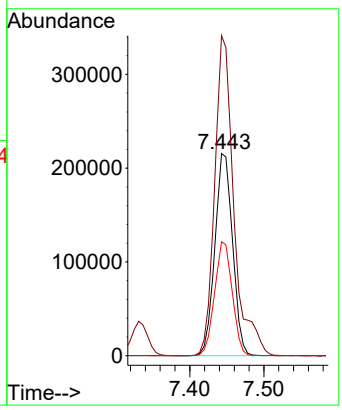


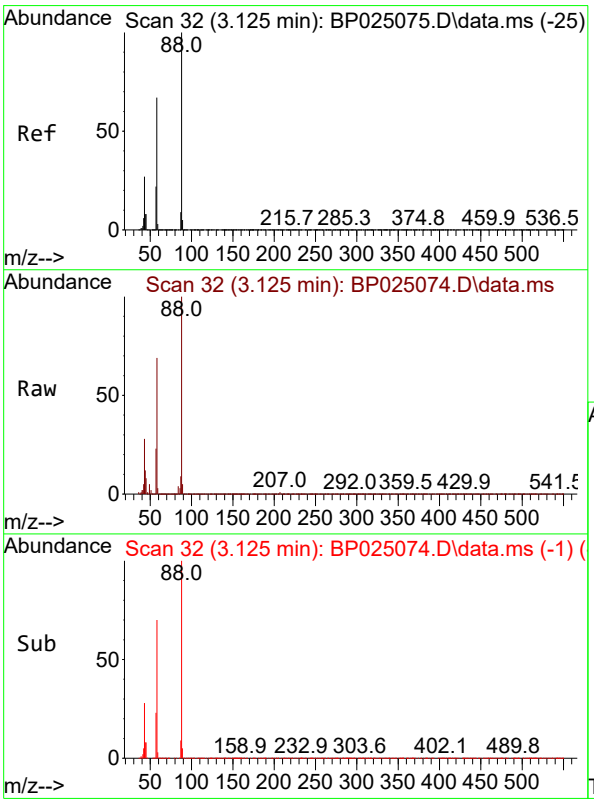
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 357536

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.1	189.1
115	56.4	44.3	66.5

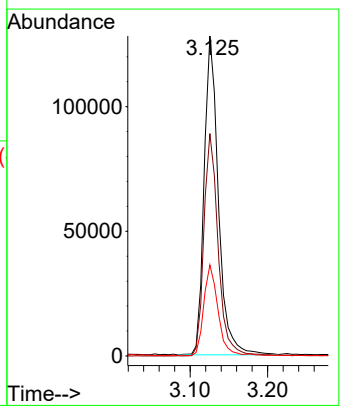


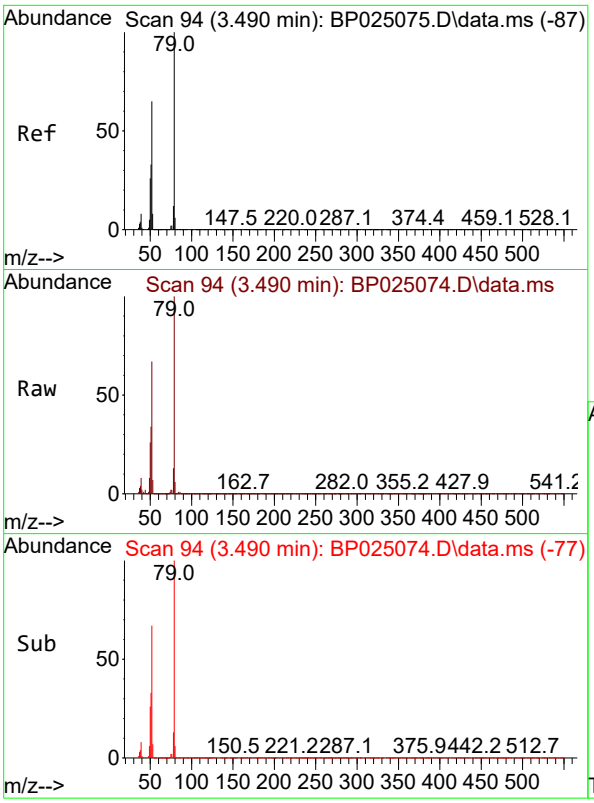


#2
1,4-Dioxane
Concen: 20.836 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 88 Resp: 163489

Ion	Ratio	Lower	Upper
88	100		
58	70.1	55.0	82.4
43	28.4	21.9	32.9



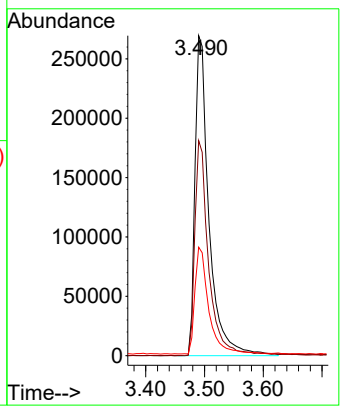


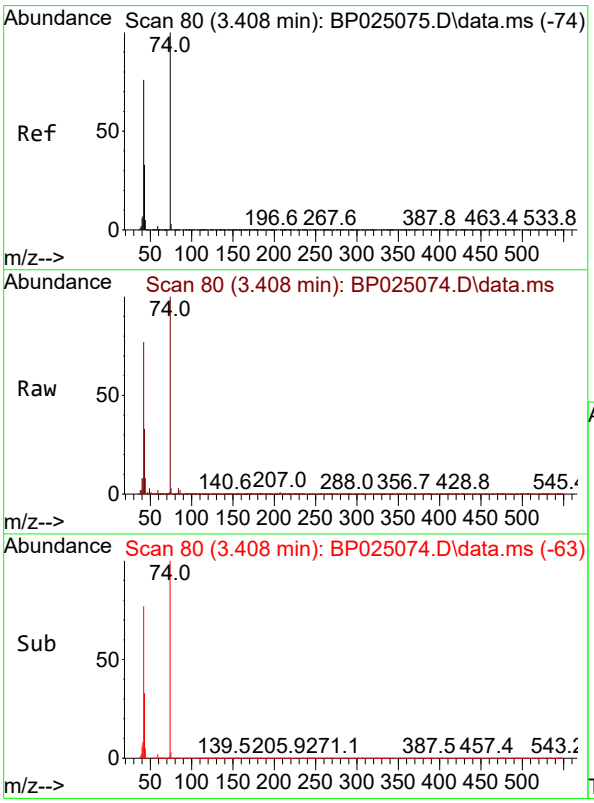
#3
Pyridine
Concen: 20.702 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 444402

Ion	Ratio	Lower	Upper
79	100		
52	67.2	52.2	78.4
51	33.9	26.8	40.2

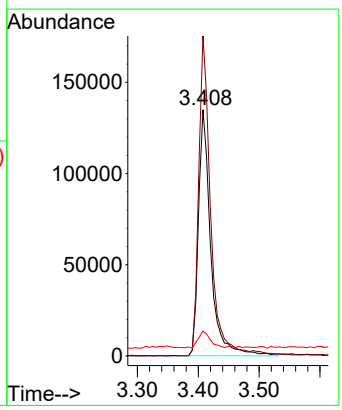


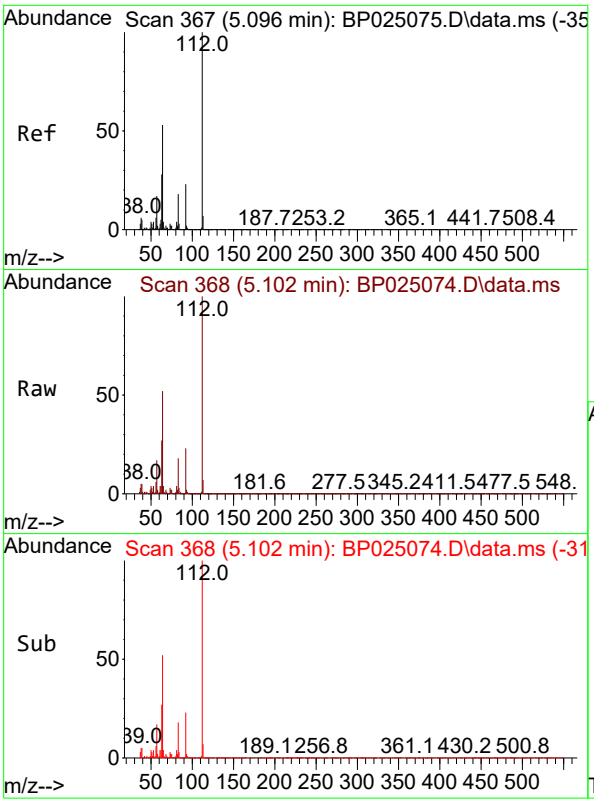


#4
n-Nitrosodimethylamine
Concen: 20.874 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 42 Resp: 189864

Ion	Ratio	Lower	Upper
42	100		
74	130.0	105.2	157.8
44	10.1	6.6	9.8#



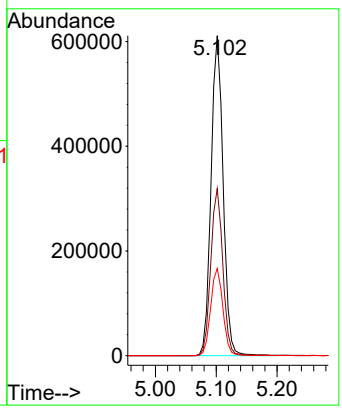


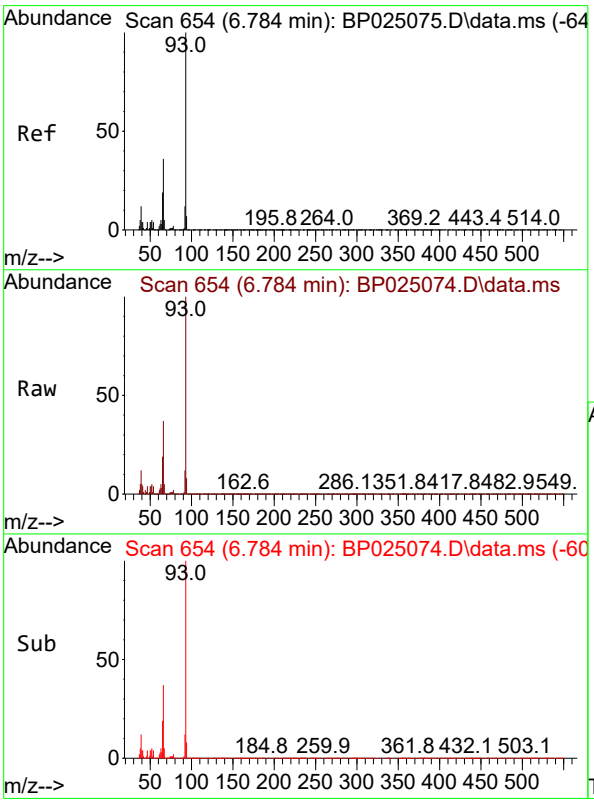
#5
2-Fluorophenol
Concen: 41.776 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 842975

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.0	63.0
63	27.3	22.2	33.2

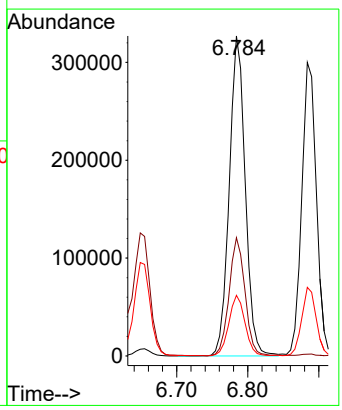


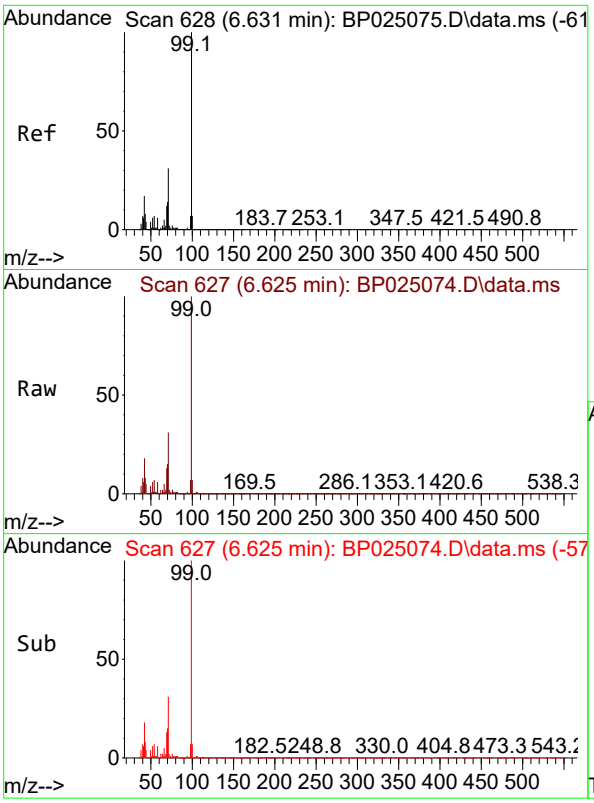


#6
Aniline
Concen: 20.777 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 93 Resp: 511196

Ion	Ratio	Lower	Upper
93	100		
66	37.0	28.9	43.3
65	18.9	15.2	22.8



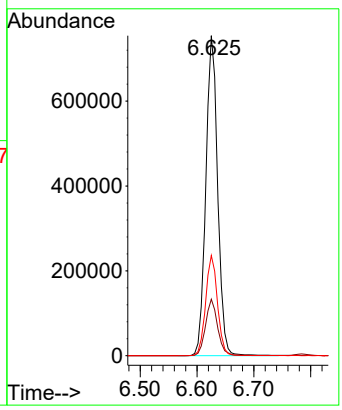


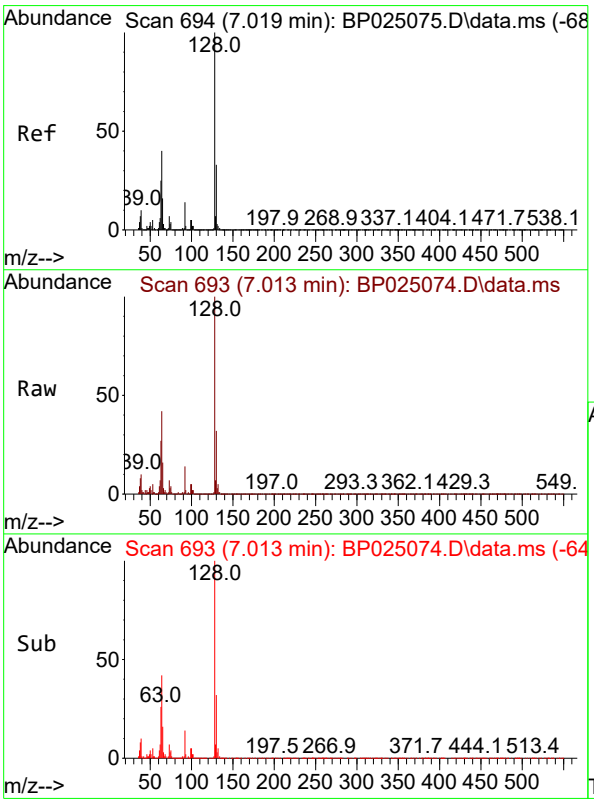
#7
Phenol-d6
Concen: 41.286 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 1087166

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.6	20.4
71	31.3	24.4	36.6

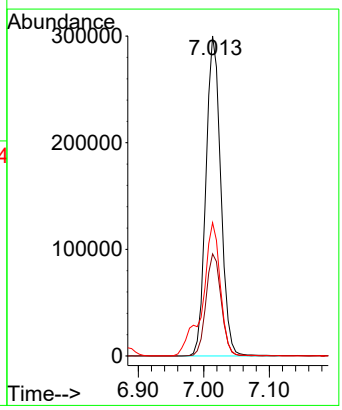


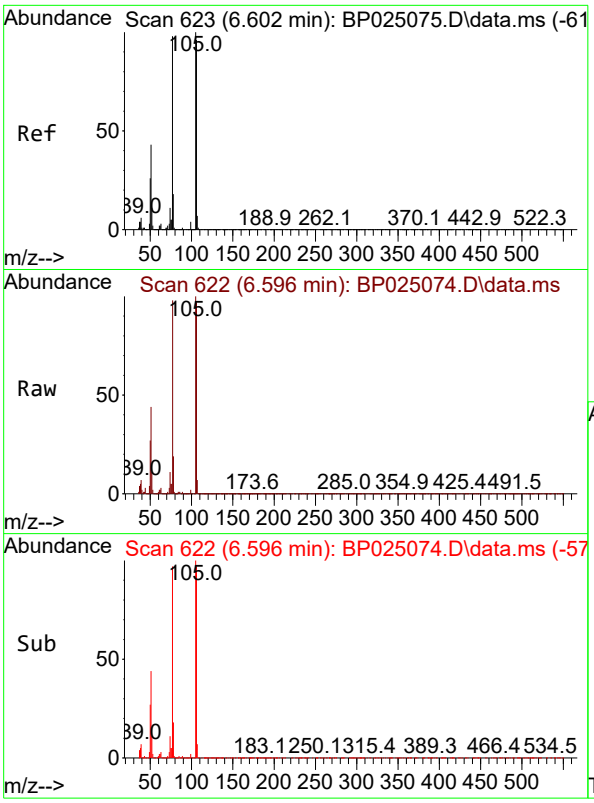


#8
2-Chlorophenol
Concen: 20.908 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:128 Resp: 472043

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	41.7	20.3	60.3



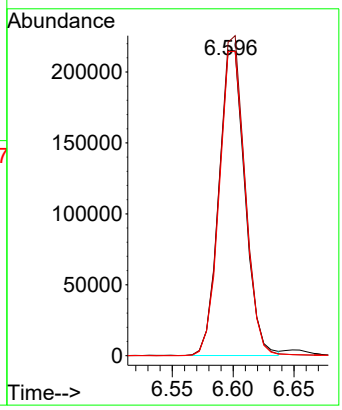


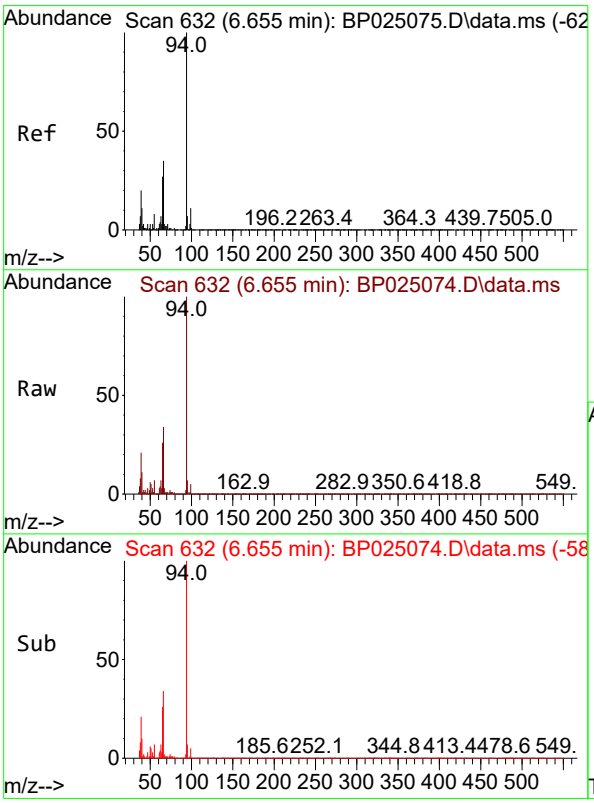
#9
Benzaldehyde
Concen: 23.250 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 319740

Ion	Ratio	Lower	Upper
77	100		
105	102.6	82.4	122.4
106	99.5	78.3	118.3

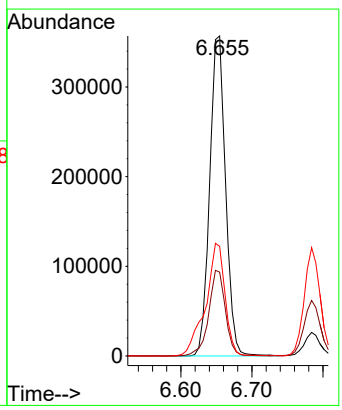


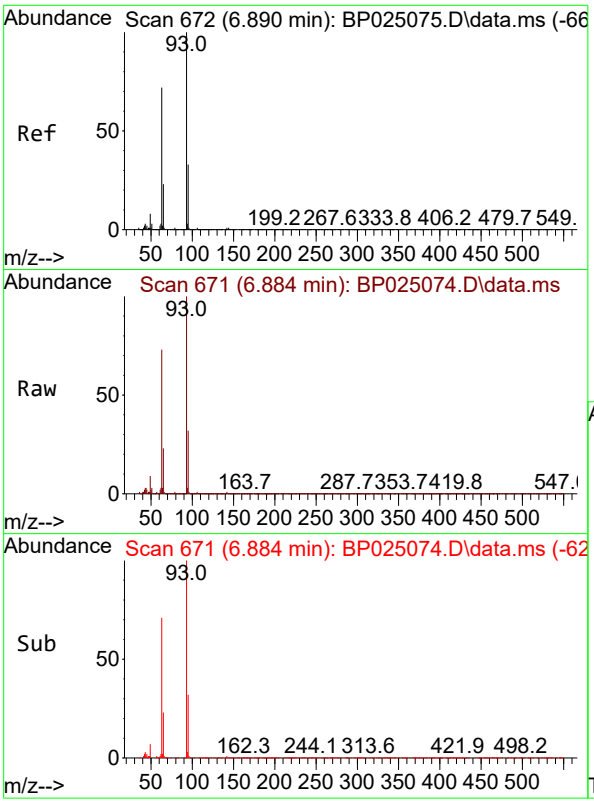


#10
Phenol
Concen: 20.731 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 94 Resp: 554695

Ion	Ratio	Lower	Upper
94	100		
65	26.2	6.9	46.9
66	34.3	14.6	54.6



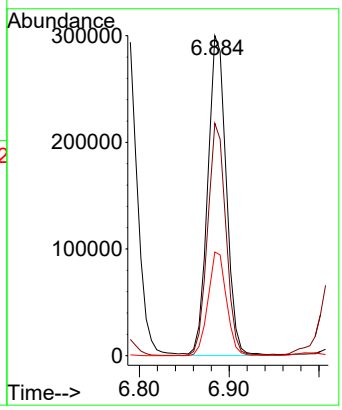


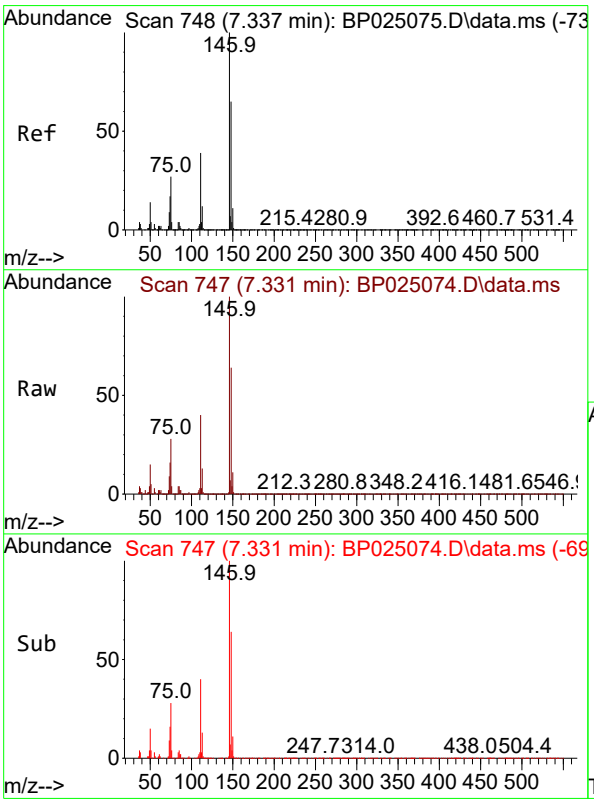
#11
bis(2-Chloroethyl)ether
Concen: 20.838 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 429103

Ion	Ratio	Lower	Upper
93	100		
63	72.6	51.9	91.9
95	32.4	12.4	52.4

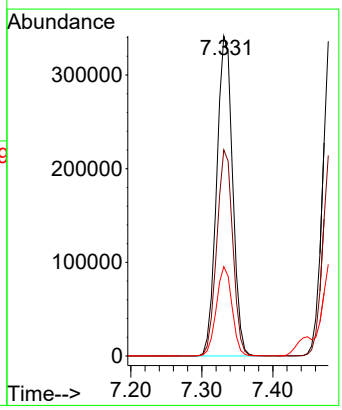


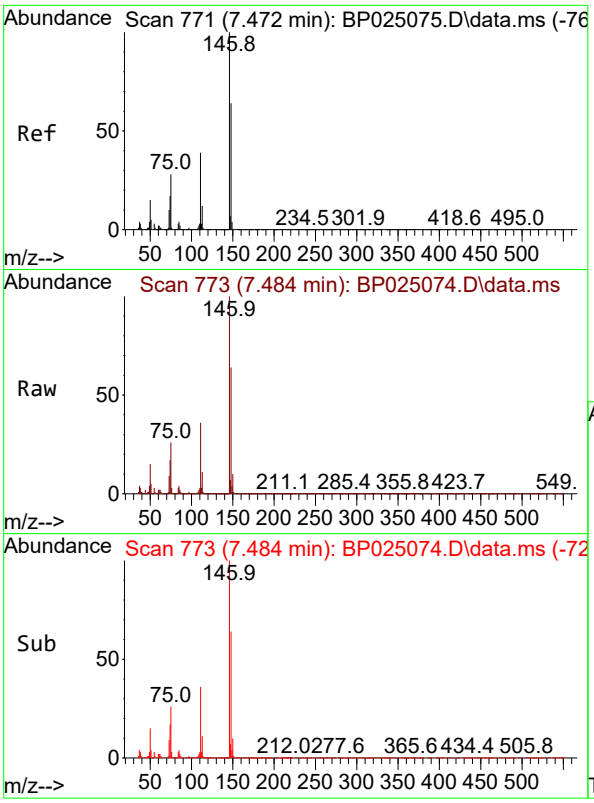


#12
1,3-Dichlorobenzene
Concen: 21.016 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:146 Resp: 531035

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	27.9	21.8	32.6



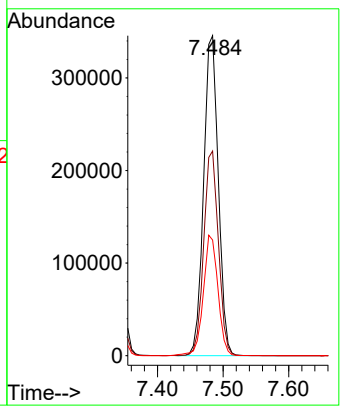


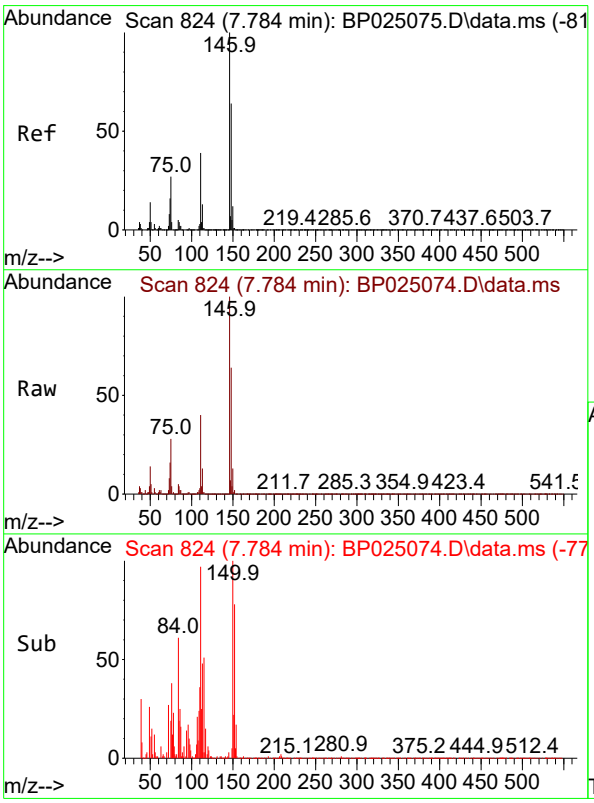
#13
1,4-Dichlorobenzene
Concen: 21.030 ng
RT: 7.484 min Scan# 7
Delta R.T. 0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 538001

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	36.2	31.2	46.8

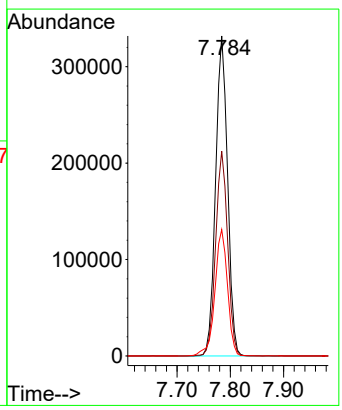


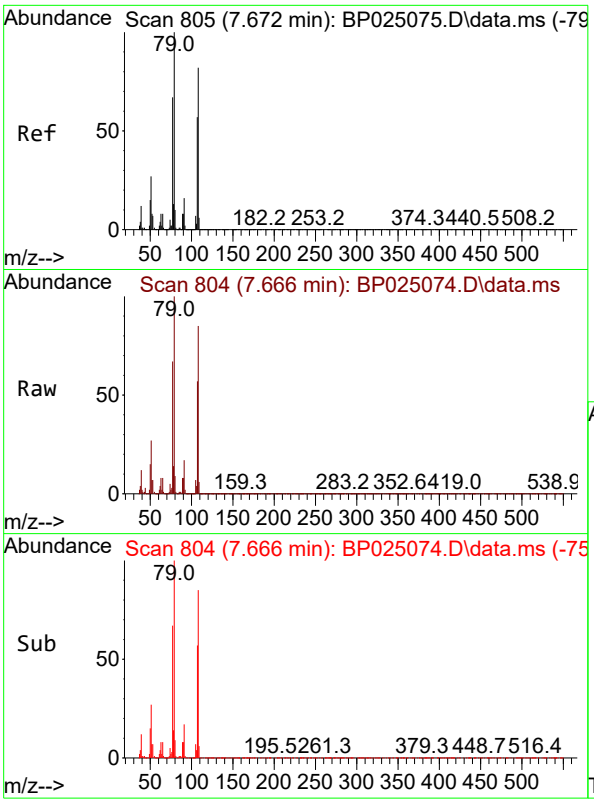


#14
1,2-Dichlorobenzene
Concen: 20.995 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:146 Resp: 516666

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	39.5	31.2	46.8



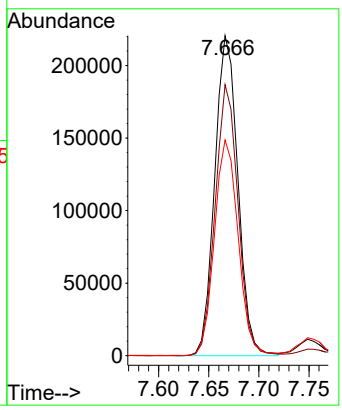


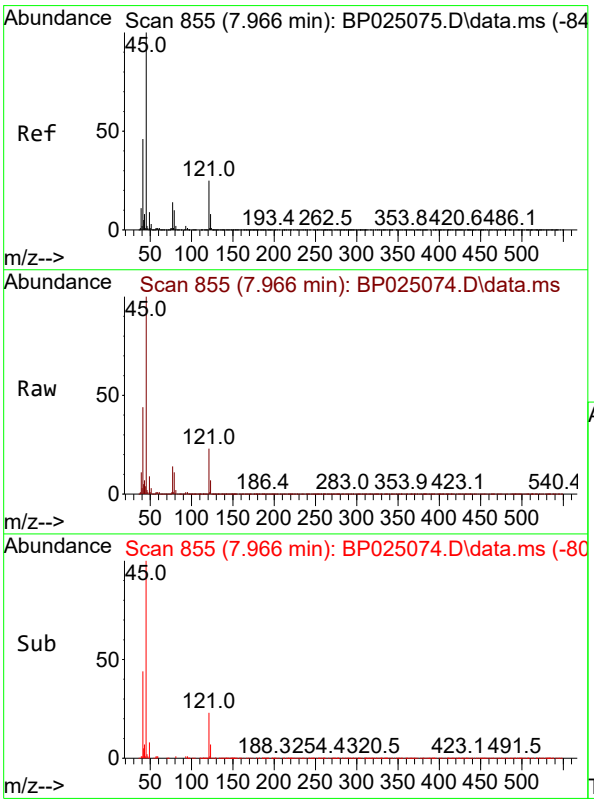
#15
Benzyl Alcohol
Concen: 20.160 ng
RT: 7.666 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 354316

Ion	Ratio	Lower	Upper
79	100		
108	84.7	66.0	99.0
77	67.4	53.4	80.2

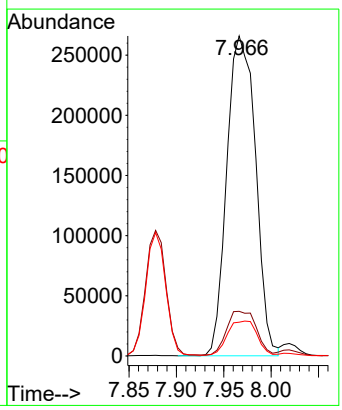


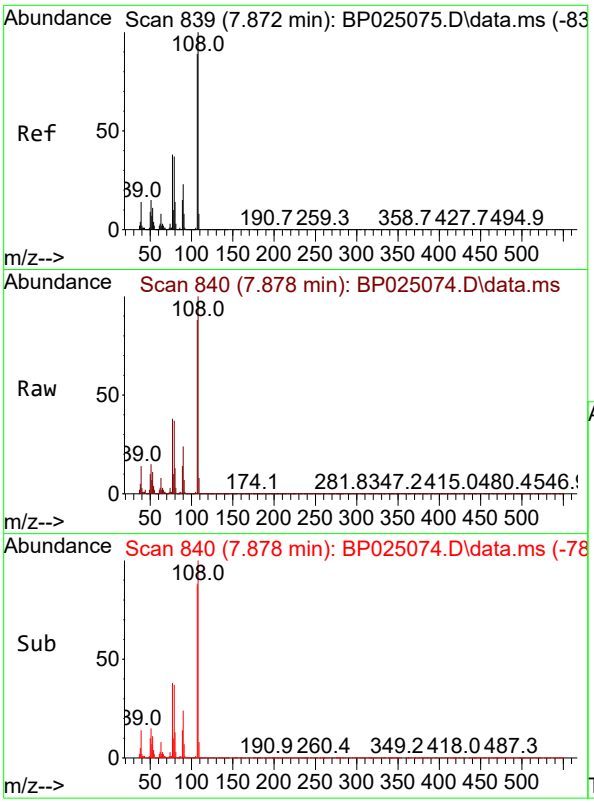


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.963 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 45 Resp: 561269

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	34.8
79	10.5	0.0	30.7



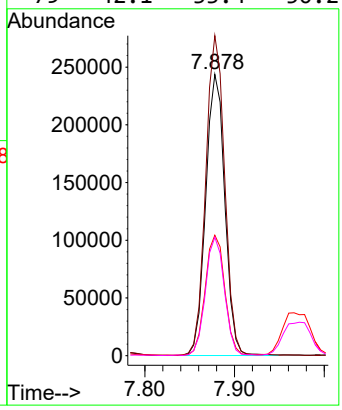


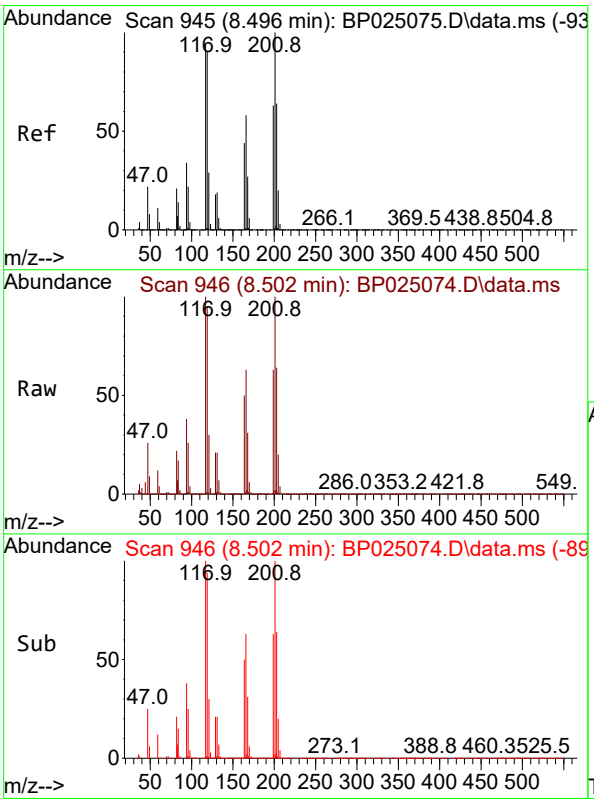
#17
2-Methylphenol
Concen: 20.883 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 359925

Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.7	134.5
77	42.8	34.2	51.4
79	42.1	33.4	50.2

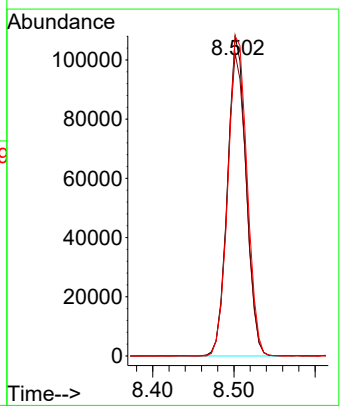


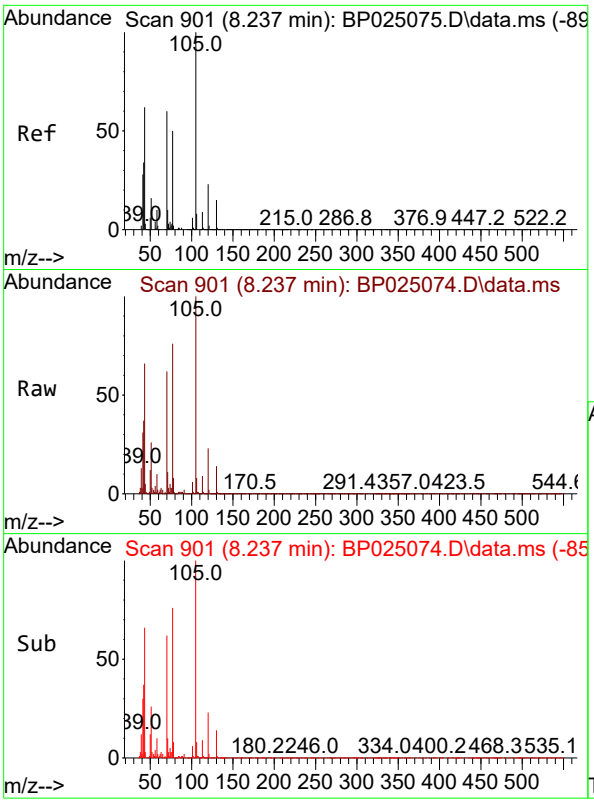


#18
Hexachloroethane
Concen: 20.594 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:117 Resp: 171635

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
201	100.0	85.4	128.2



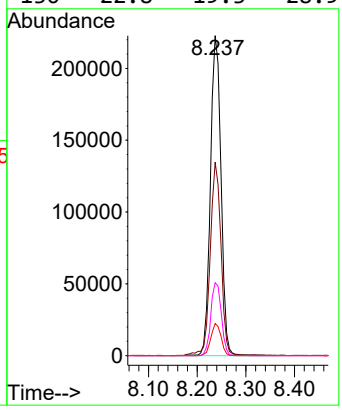


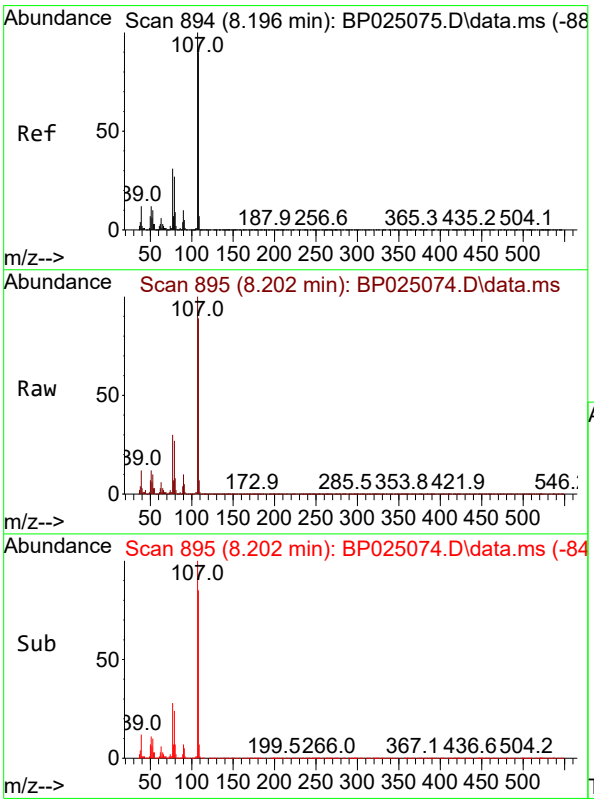
#19
n-Nitroso-di-n-propylamine
Concen: 21.473 ng
RT: 8.237 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 335331

Ion	Ratio	Lower	Upper
70	100		
42	60.5	46.5	69.7
101	10.1	7.9	11.9
130	22.8	19.3	28.9

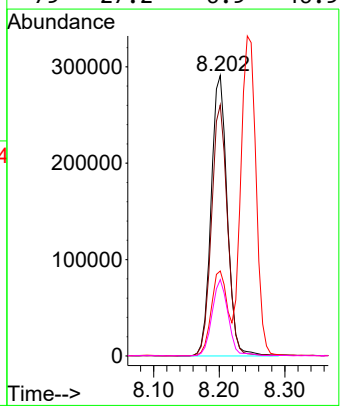


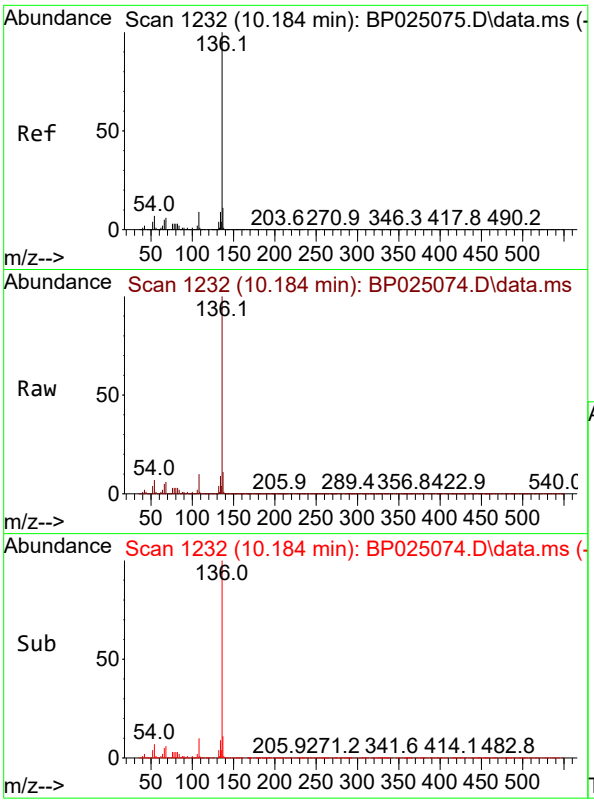


#20
3+4-Methylphenols
Concen: 20.484 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:107 Resp: 494507

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.5	109.5
77	30.3	11.4	51.4
79	27.2	6.9	46.9



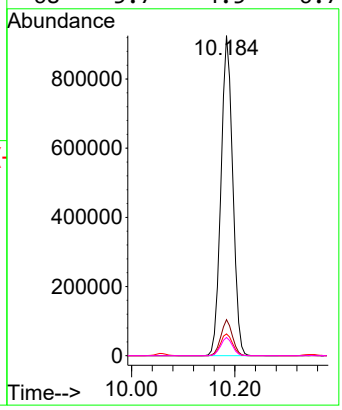


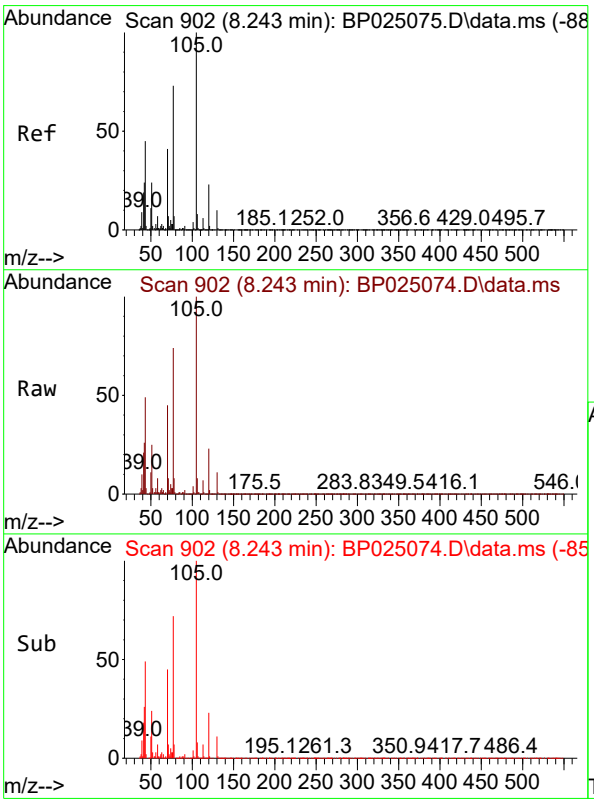
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 1460146

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.8	5.4	8.2
68	5.7	4.5	6.7

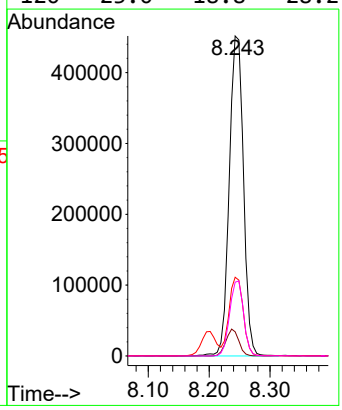


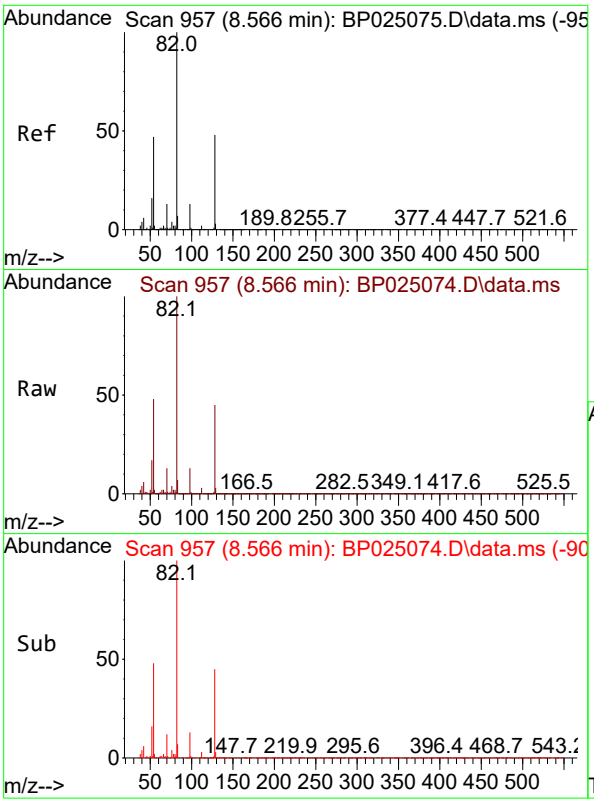


#22
Acetophenone
Concen: 21.234 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:105 Resp: 733244

Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.4	8.2
51	24.6	19.6	29.4
120	23.0	18.8	28.2



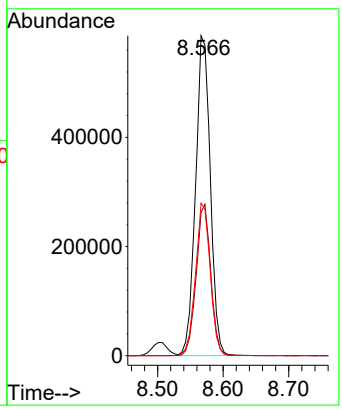


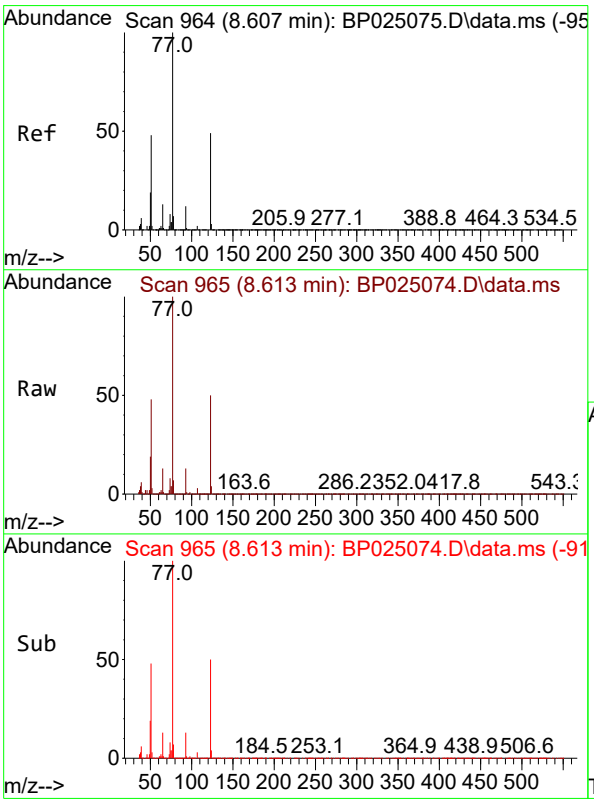
#23
Nitrobenzene-d5
Concen: 41.814 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 918035

Ion	Ratio	Lower	Upper
82	100		
128	44.8	38.4	57.6
54	47.7	37.8	56.6

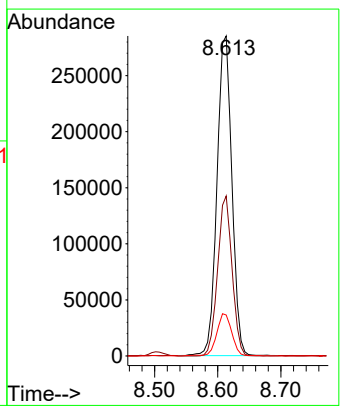


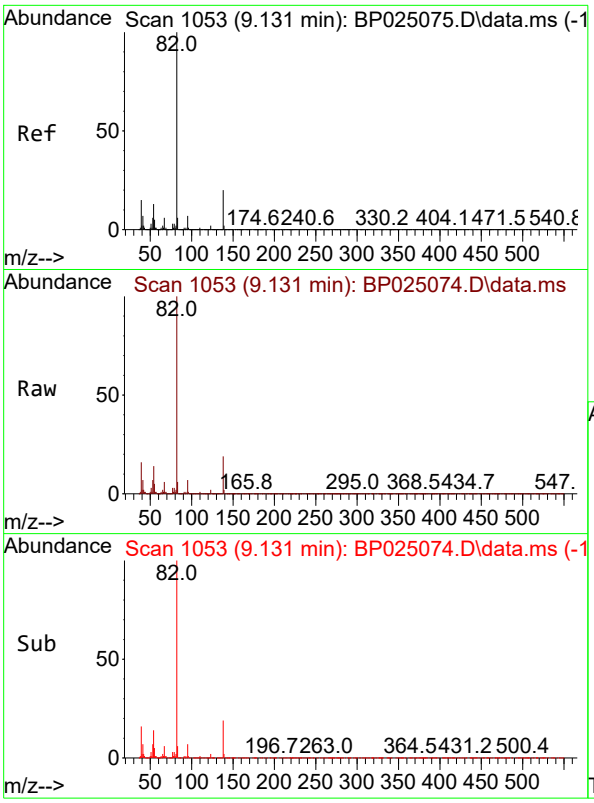


#24
Nitrobenzene
Concen: 20.834 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 77 Resp: 465912

Ion	Ratio	Lower	Upper
77	100		
123	50.0	39.0	58.6
65	12.8	10.7	16.1



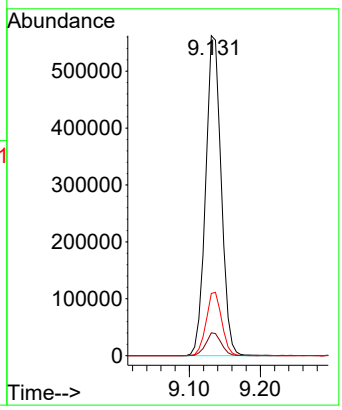


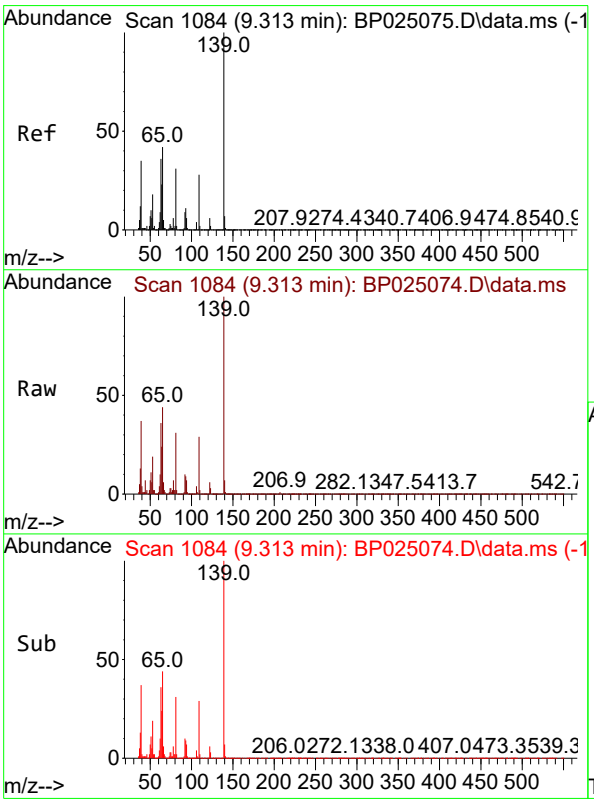
#25
Isophorone
Concen: 20.891 ng
RT: 9.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 857174

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	19.5	15.7	23.5

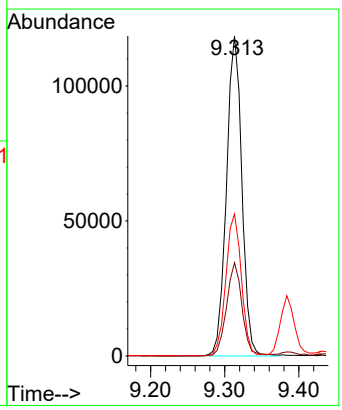


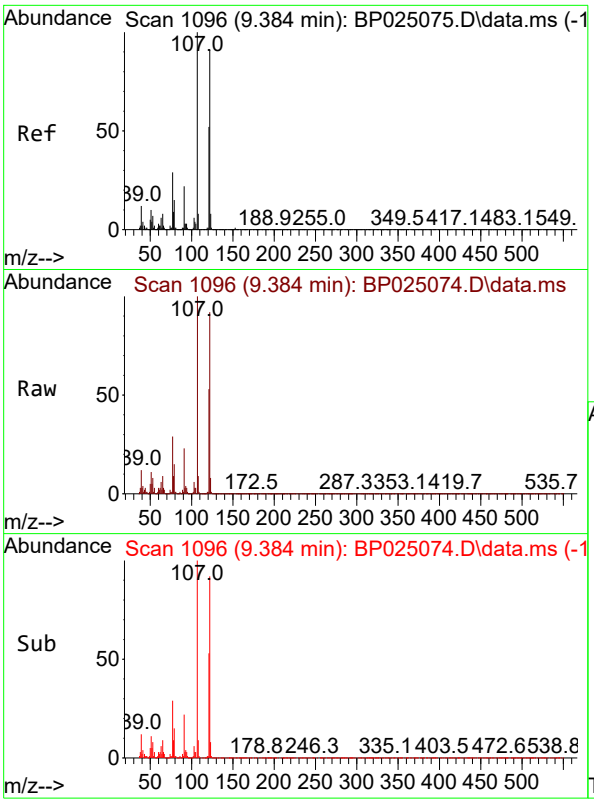


#26
2-Nitrophenol
Concen: 17.980 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:139 Resp: 171063

Ion	Ratio	Lower	Upper
139	100		
109	29.1	22.3	33.5
65	44.4	33.8	50.8



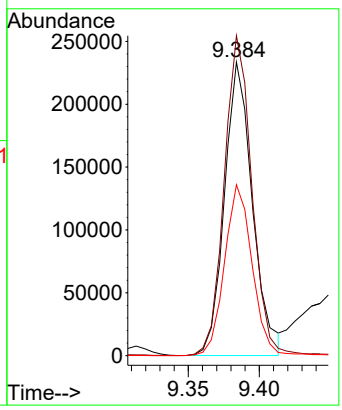


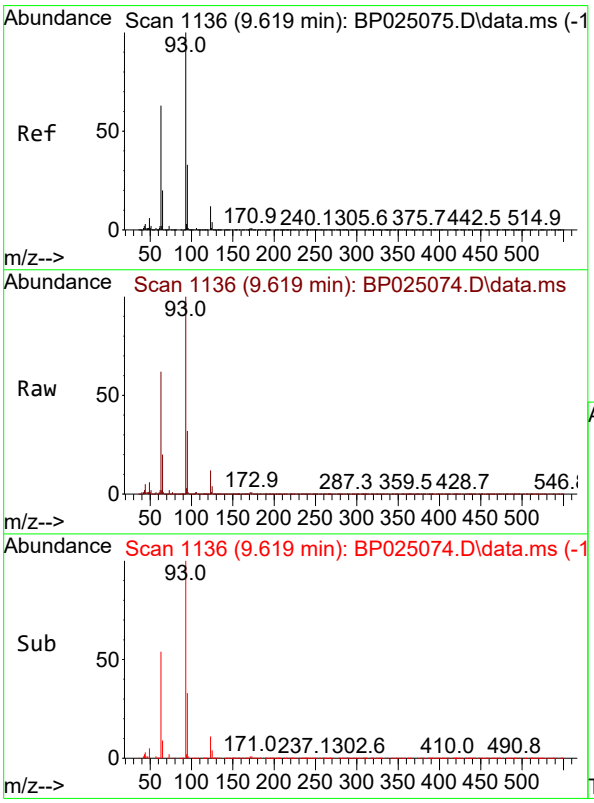
#27
2,4-Dimethylphenol
Concen: 20.834 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 318872

Ion	Ratio	Lower	Upper
122	100		
107	109.0	88.2	132.2
121	58.2	46.1	69.1

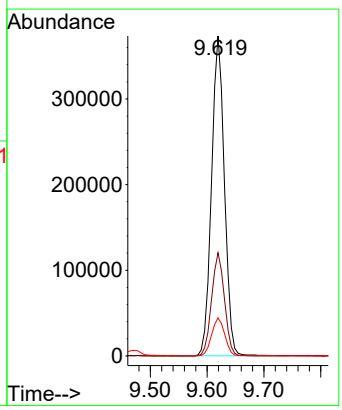


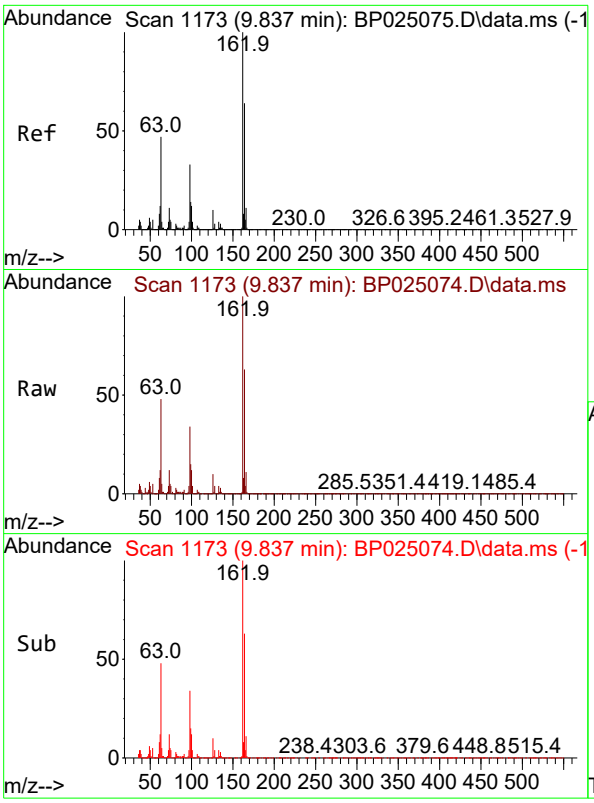


#28
bis(2-Chloroethoxy)methane
Concen: 21.009 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 93 Resp: 585299

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.9	10.1	15.1



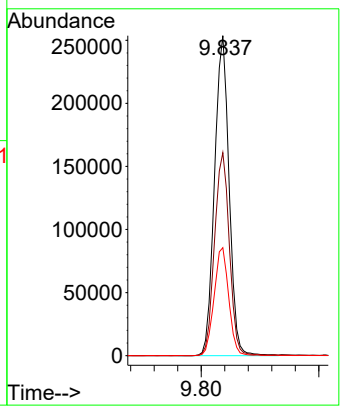


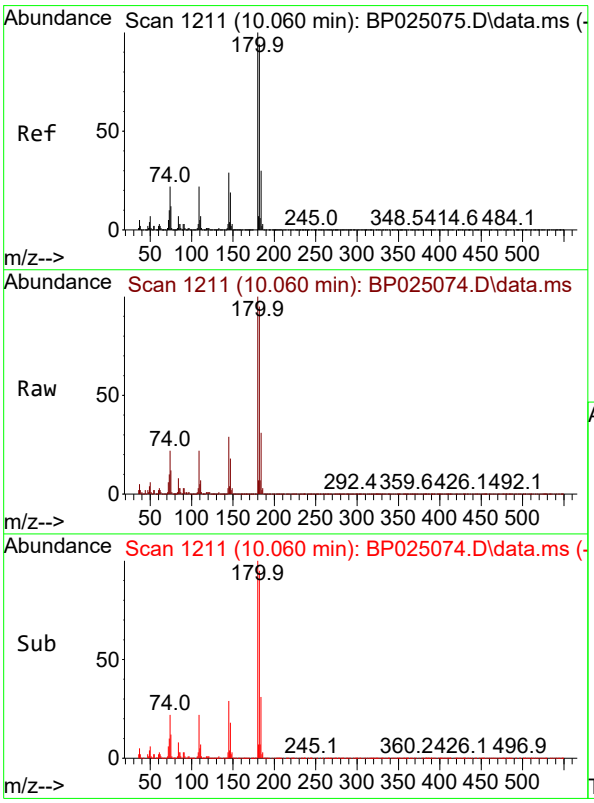
#29
2,4-Dichlorophenol
Concen: 20.519 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 435473

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	33.7	13.1	53.1

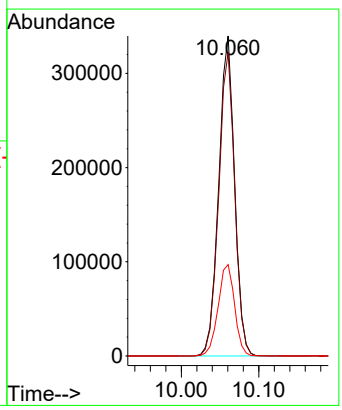


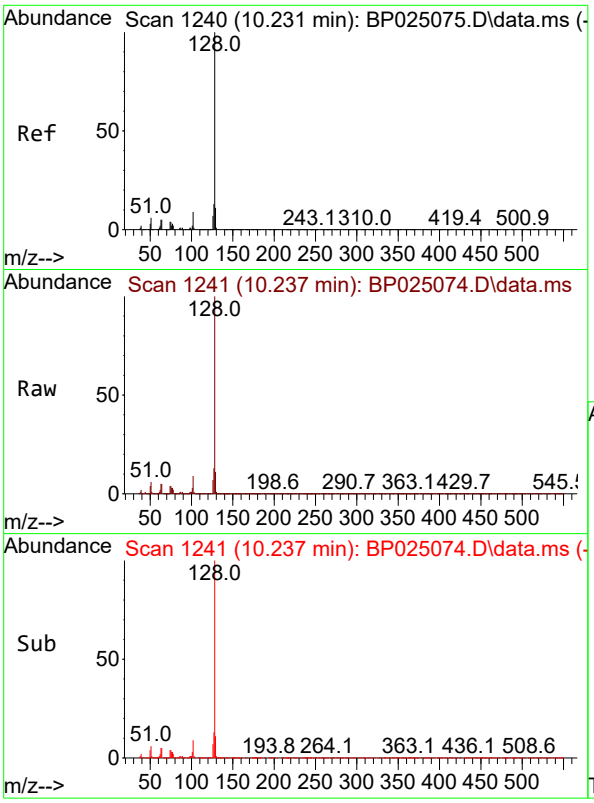


#30
1,2,4-Trichlorobenzene
Concen: 20.592 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:180 Resp: 483959

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.1	112.7
145	28.5	23.3	34.9



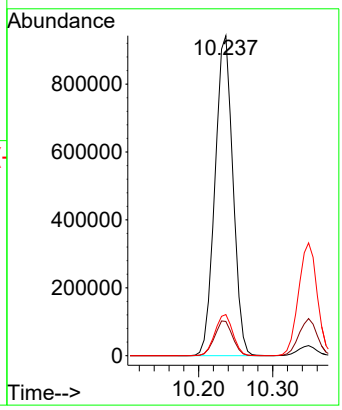


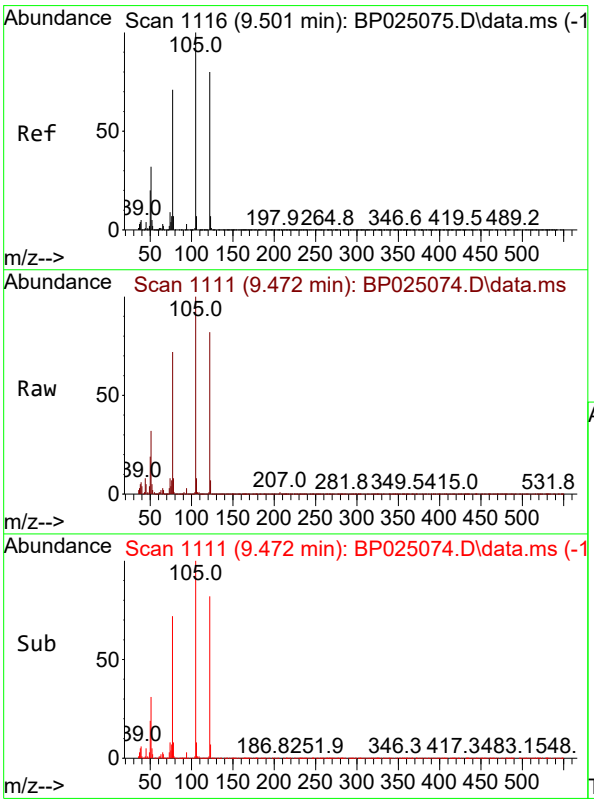
#31
Naphthalene
Concen: 20.993 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 1578374

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	12.9	10.4	15.6

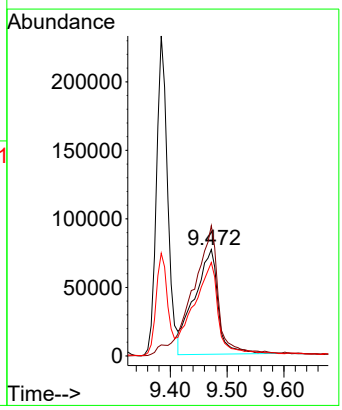


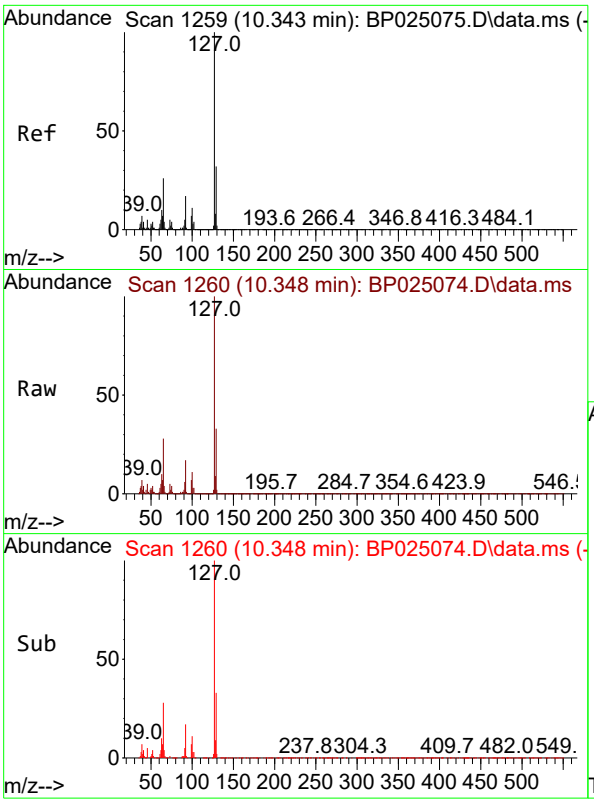


#32
Benzoic acid
Concen: 18.881 ng
RT: 9.472 min Scan# 1111
Delta R.T. -0.029 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:122 Resp: 222091

Ion	Ratio	Lower	Upper
122	100		
105	122.3	101.0	141.0
77	87.8	67.6	107.6



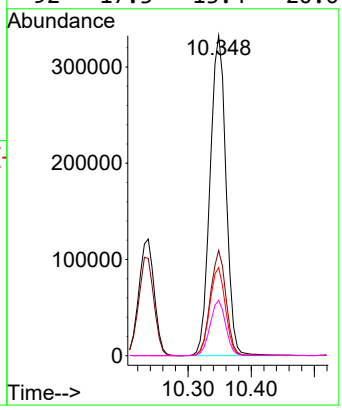


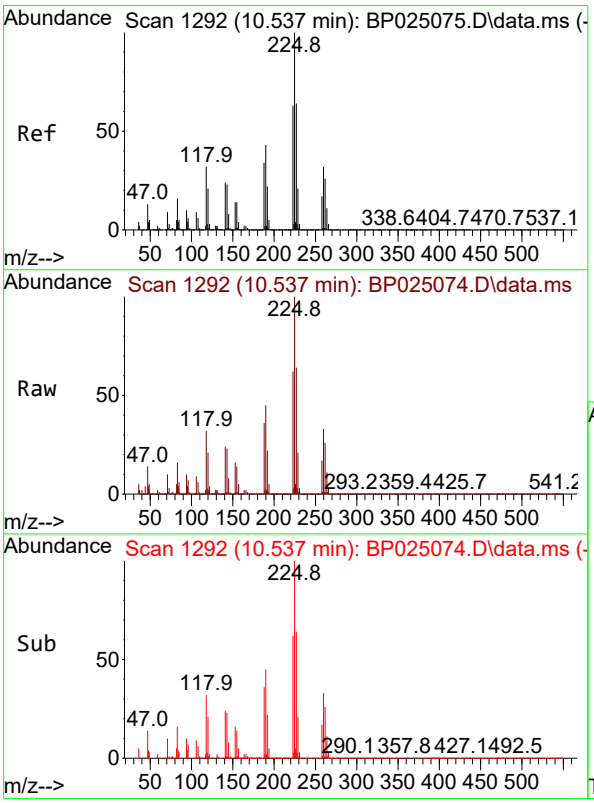
#33
4-Chloroaniline
Concen: 20.779 ng
RT: 10.348 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 583020

Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.2
65	27.6	21.0	31.6
92	17.3	13.4	20.0

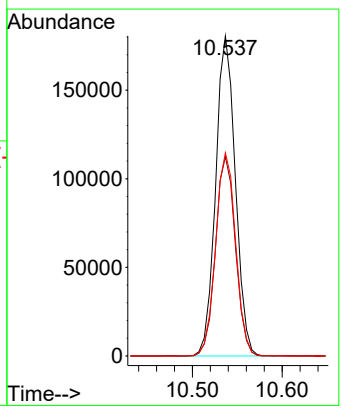


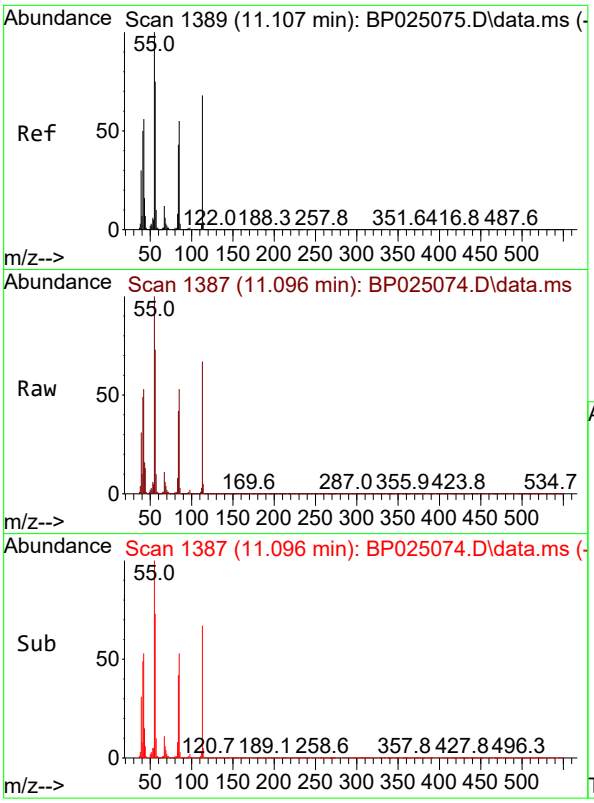


#34
Hexachlorobutadiene
Concen: 20.394 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:225 Resp: 275058

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	63.5	51.3	76.9



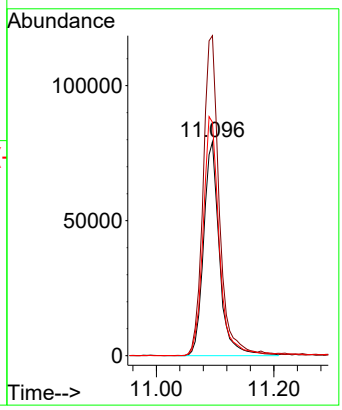


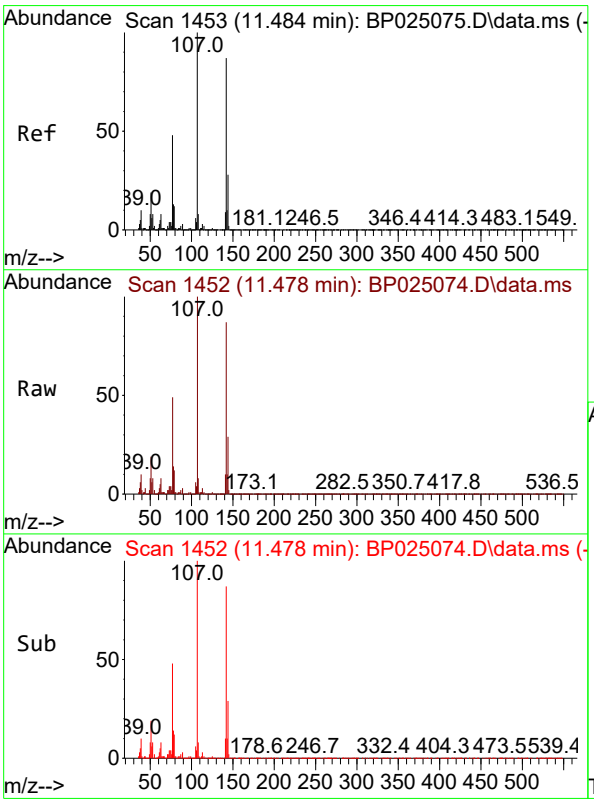
#35
Caprolactam
Concen: 20.394 ng
RT: 11.096 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 148067

Ion	Ratio	Lower	Upper
113	100		
55	149.7	128.1	168.1
56	109.2	90.7	130.7

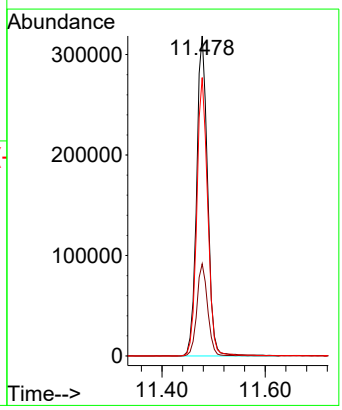


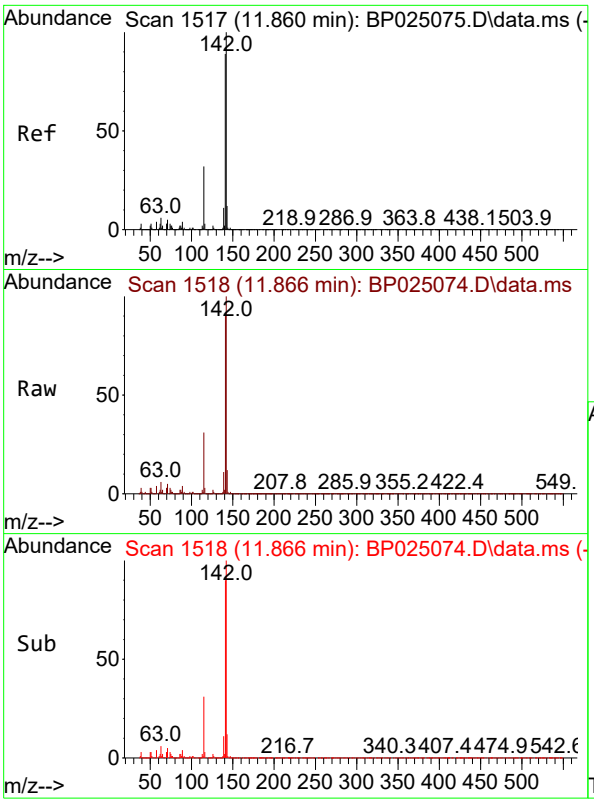


#36
4-Chloro-3-methylphenol
Concen: 21.146 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:107 Resp: 468989

Ion	Ratio	Lower	Upper
107	100		
144	28.8	22.4	33.6
142	87.0	69.6	104.4



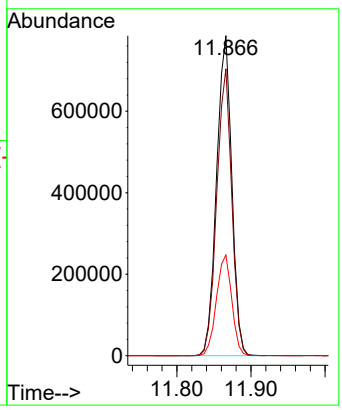


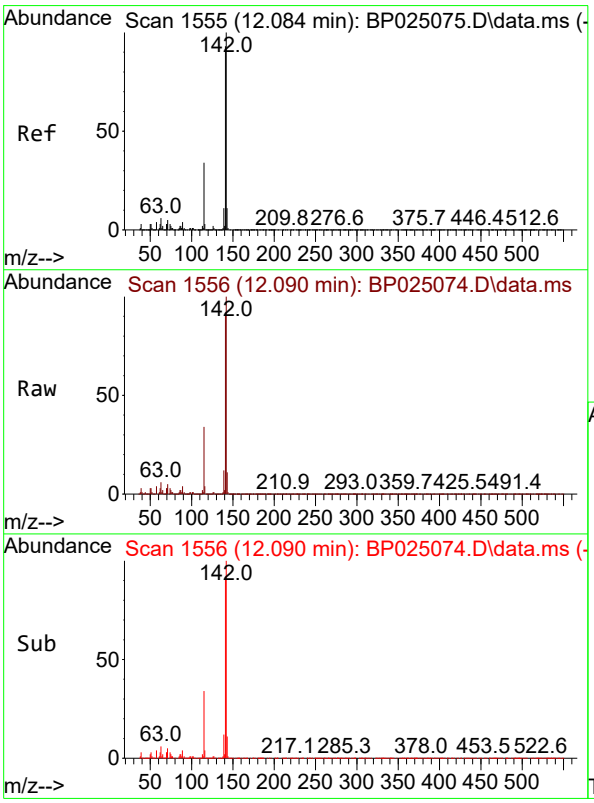
#37
2-Methylnaphthalene
Concen: 21.075 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 1118020

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	31.5	25.9	38.9

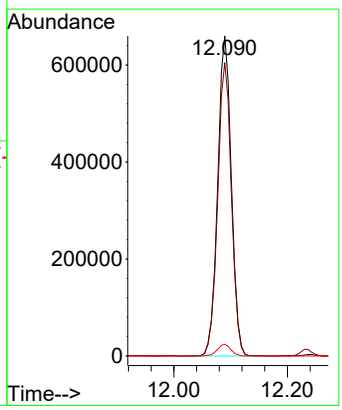


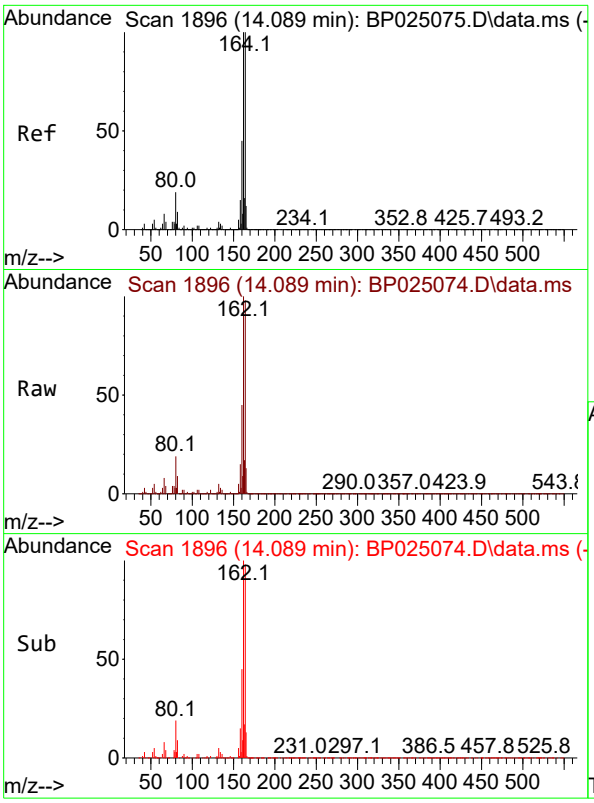


#38
1-Methylnaphthalene
Concen: 21.243 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:142 Resp: 1099060

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.1	111.1
116	3.6	2.7	4.1



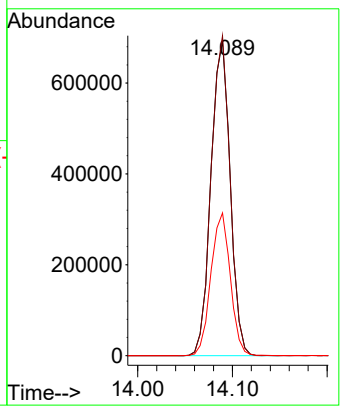


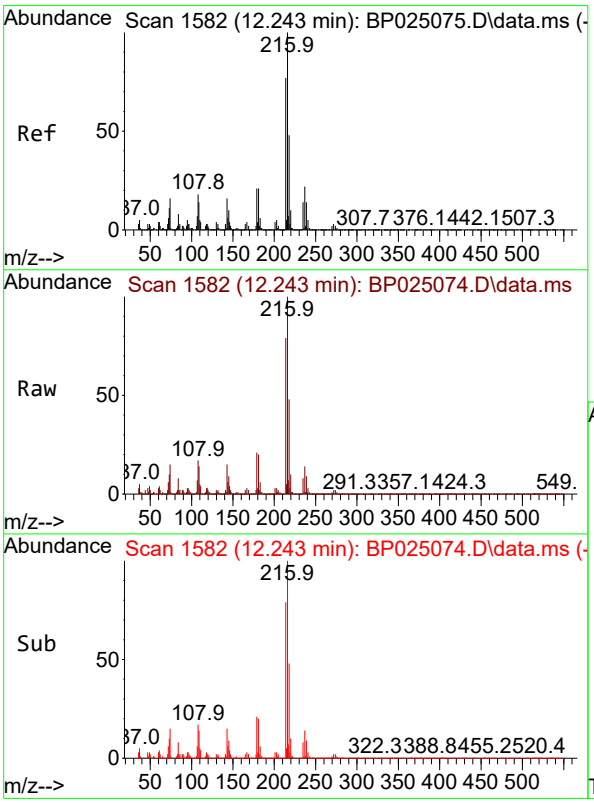
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 975973

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.3	120.5
160	45.4	35.9	53.9

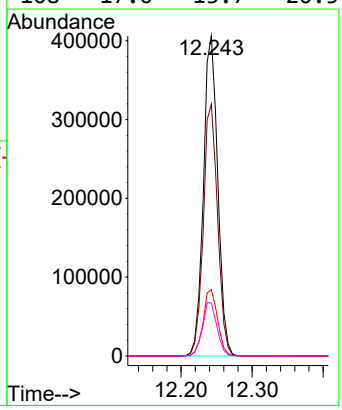


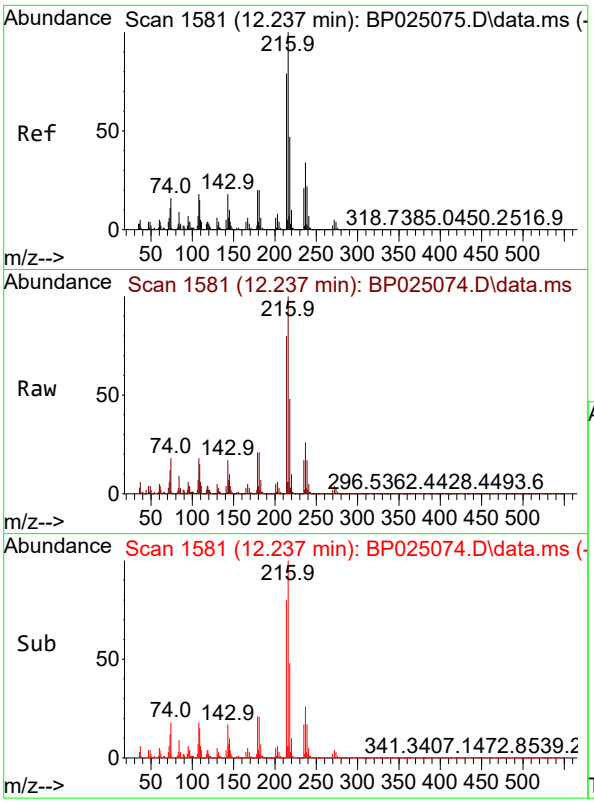


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.326 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:216 Resp: 570143

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.9	16.5	24.7
108	17.0	13.7	20.5



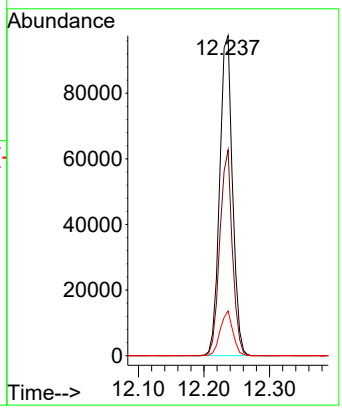


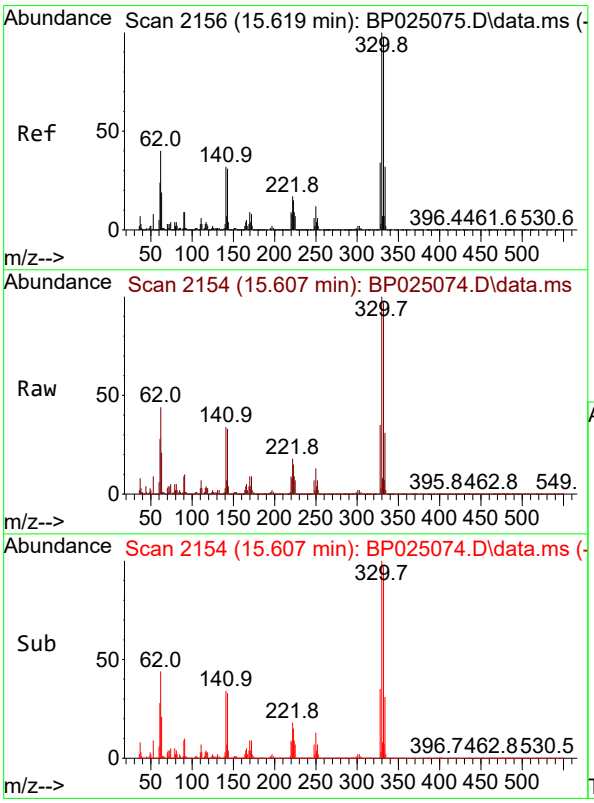
#41
Hexachlorocyclopentadiene
Concen: 17.986 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 131777

Ion	Ratio	Lower	Upper
237	100		
235	64.3	41.6	81.6
272	14.0	0.0	33.6

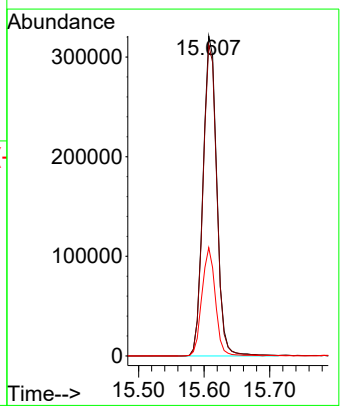


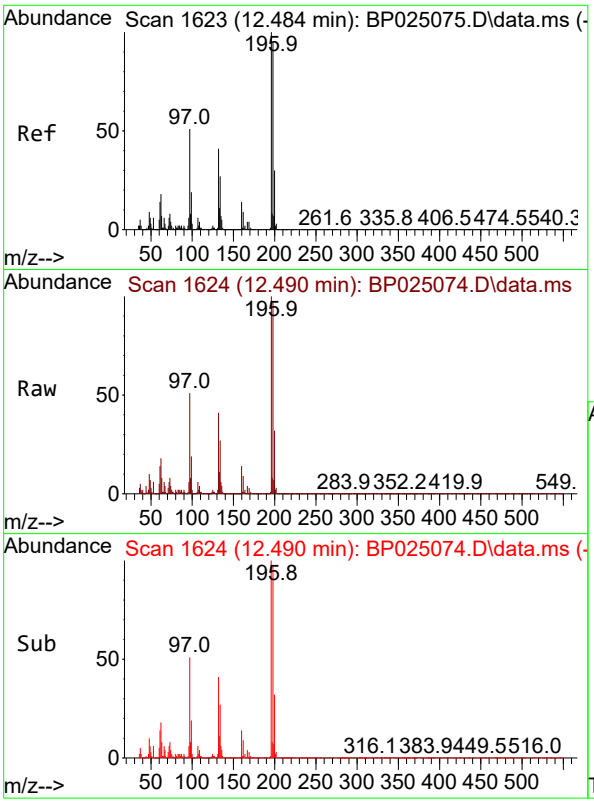


#42
2,4,6-Tribromophenol
Concen: 40.634 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:330 Resp: 468488

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.7	116.5
141	33.2	26.0	39.0



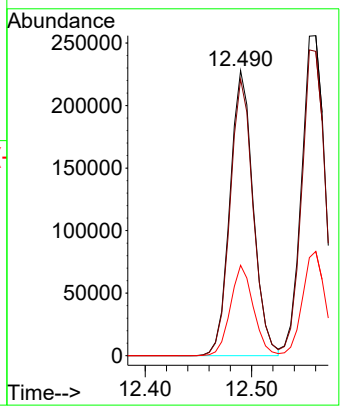


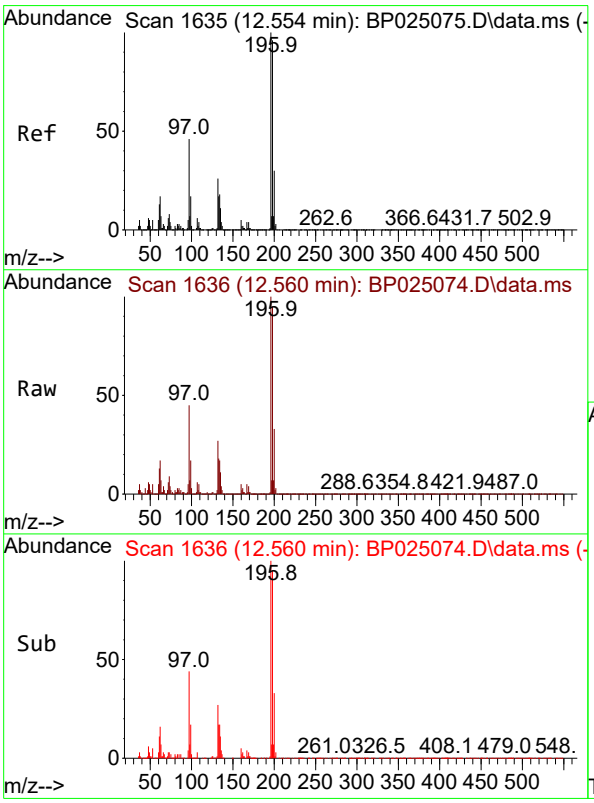
#43
2,4,6-Trichlorophenol
Concen: 20.418 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 346793

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.2	114.2
200	31.7	24.3	36.5

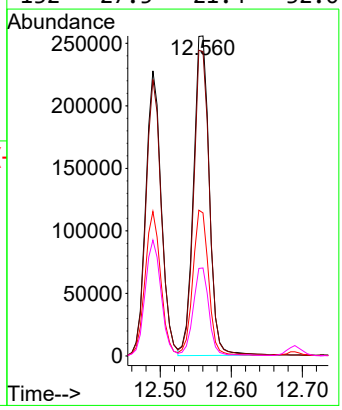


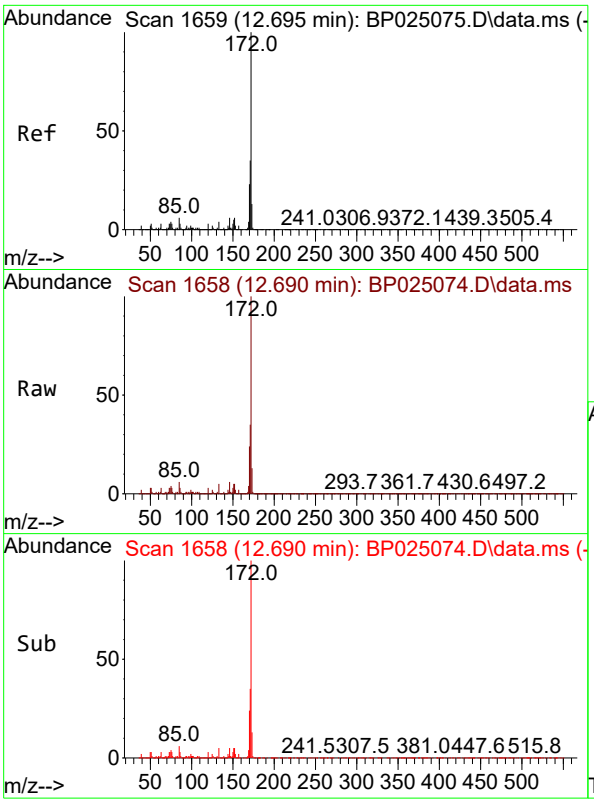


#44
2,4,5-Trichlorophenol
Concen: 20.566 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:196 Resp: 395864

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.6	115.0
97	44.7	36.6	55.0
132	27.5	21.4	32.0



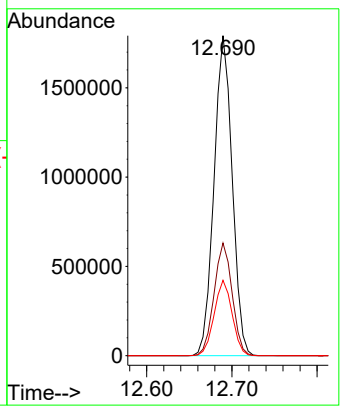


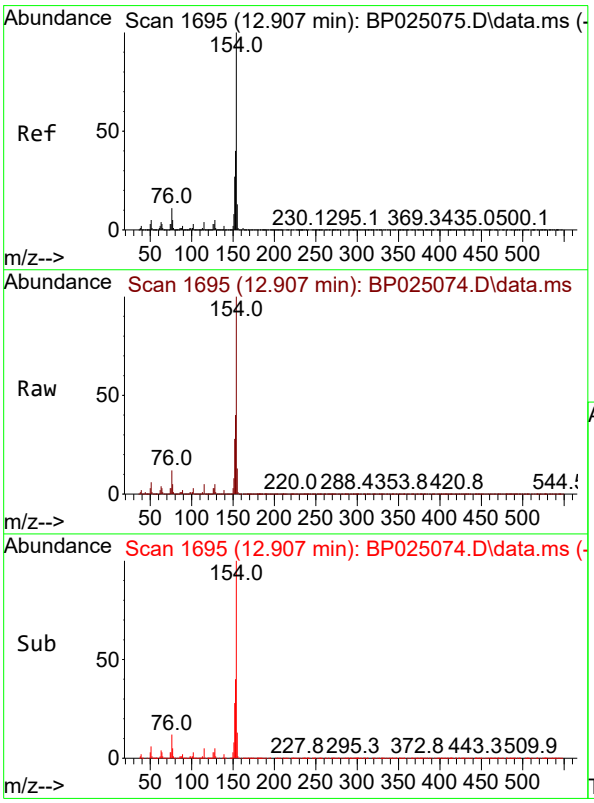
#45
2-Fluorobiphenyl
Concen: 42.179 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 2657285

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.6	18.7	28.1

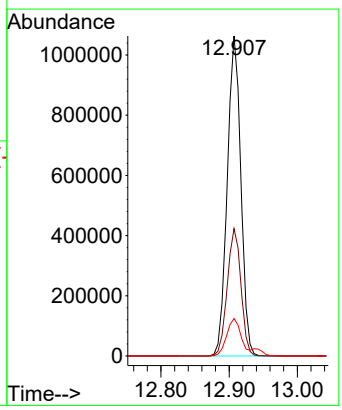


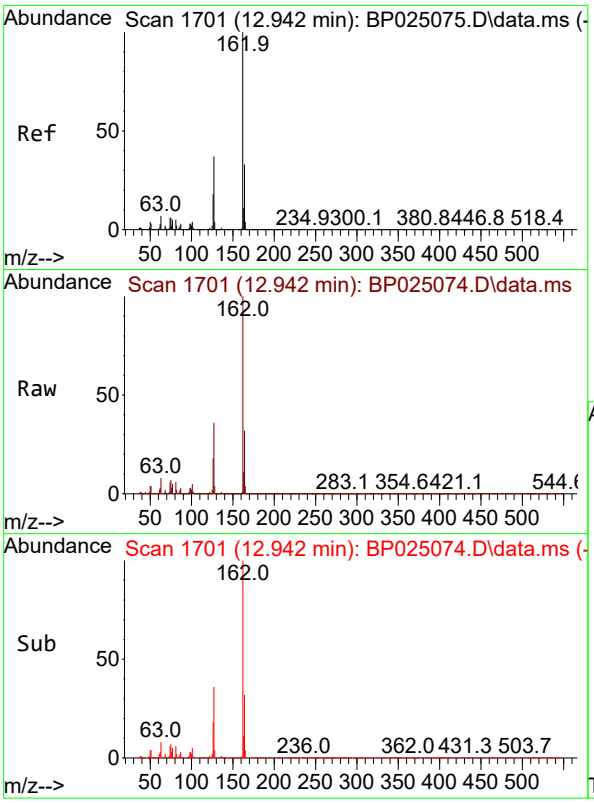


#46
1,1'-Biphenyl
Concen: 20.751 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:154 Resp: 1473578

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	11.7	0.0	31.5



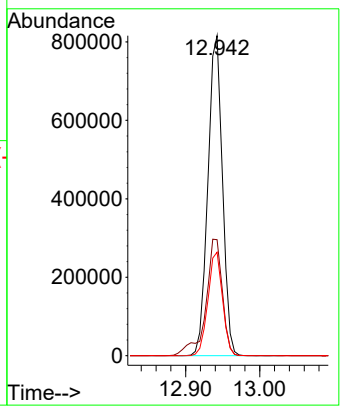


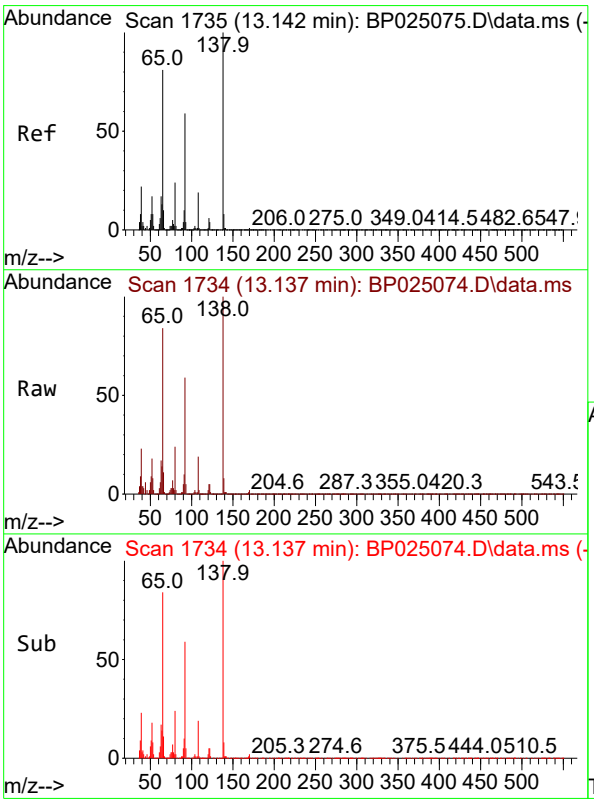
#47
2-Chloronaphthalene
Concen: 20.865 ng
RT: 12.942 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 1113594

Ion	Ratio	Lower	Upper
162	100		
127	36.2	29.4	44.2
164	32.4	26.4	39.6

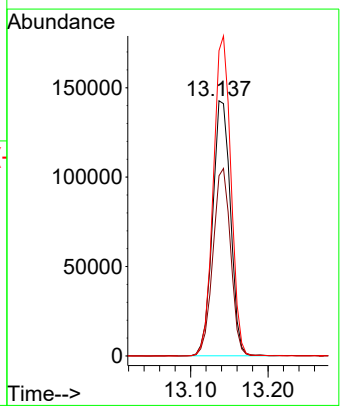


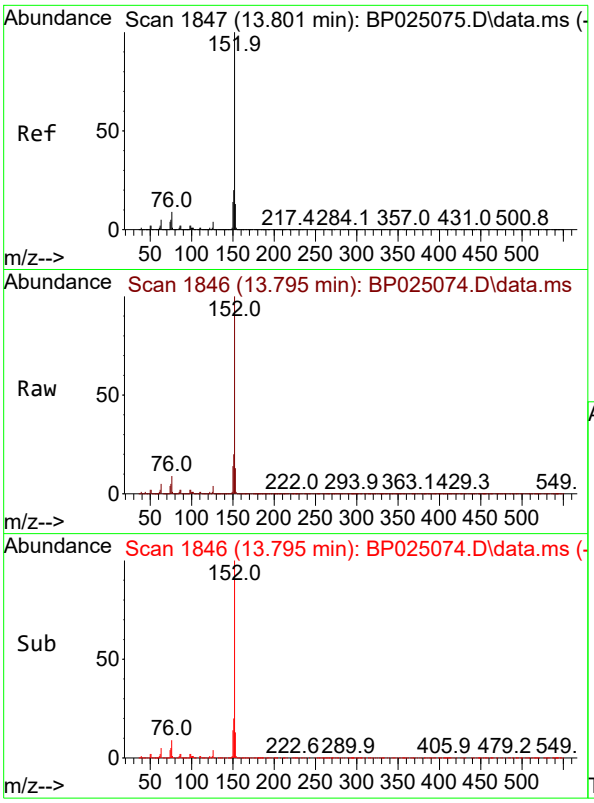


#48
2-Nitroaniline
Concen: 19.268 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 65 Resp: 228962

Ion	Ratio	Lower	Upper
65	100		
92	70.6	58.7	88.1
138	119.6	99.0	148.4



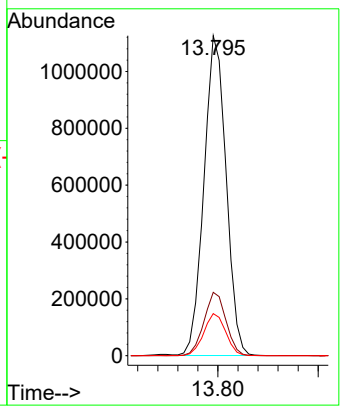


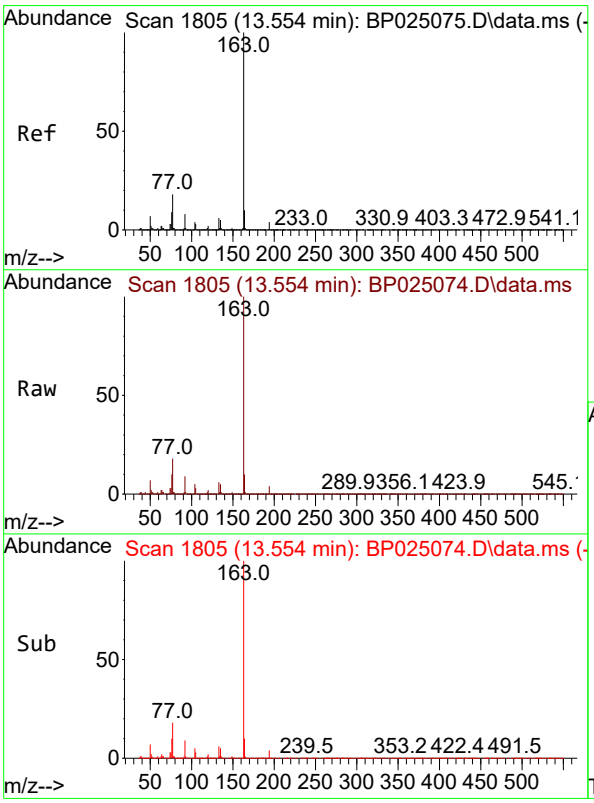
#49
Acenaphthylene
Concen: 21.159 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 1728416

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.2	10.7	16.1

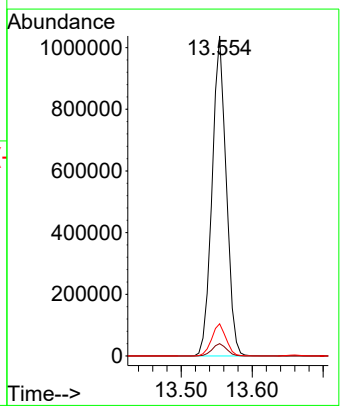


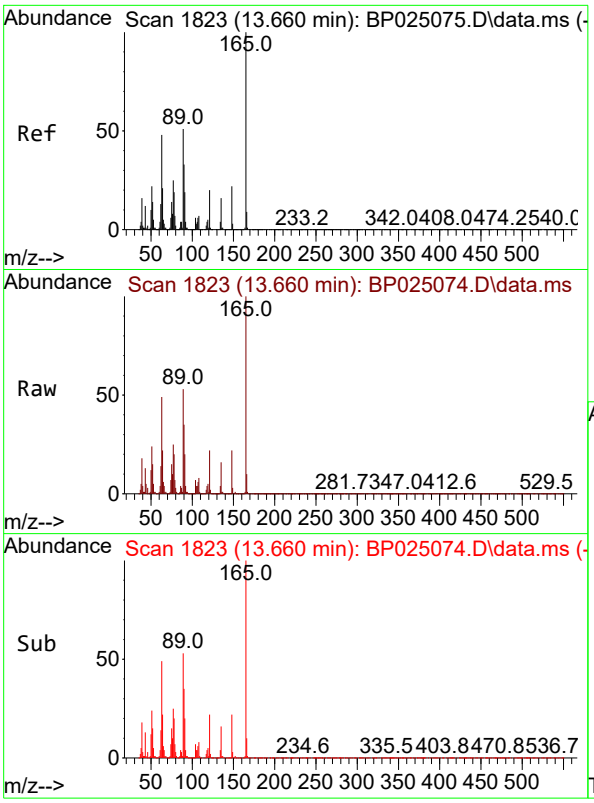


#50
Dimethylphthalate
Concen: 20.991 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:163 Resp: 1434045

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.0	8.0	12.0



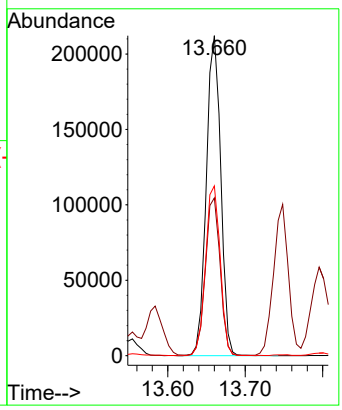


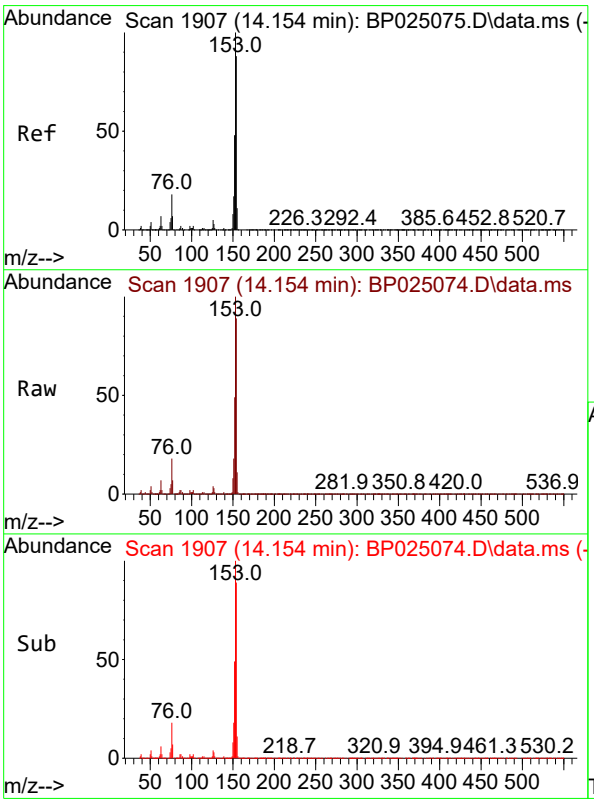
#51
2,6-Dinitrotoluene
Concen: 20.592 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 274371

Ion	Ratio	Lower	Upper
165	100		
63	49.3	38.5	57.7
89	53.1	40.6	61.0

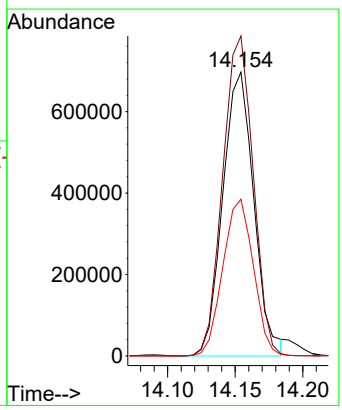


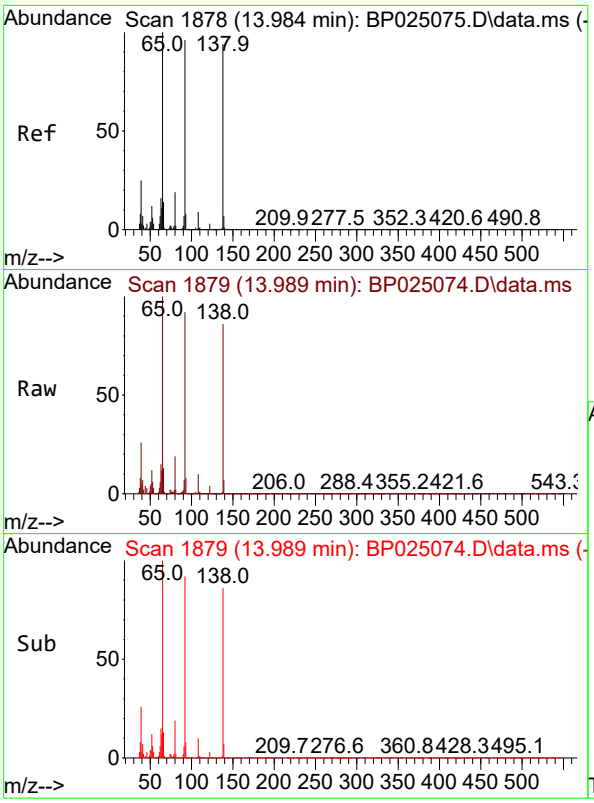


#52
Acenaphthene
Concen: 21.170 ng m
RT: 14.154 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:154 Resp: 1114579

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.6	136.0
152	55.2	43.8	65.8



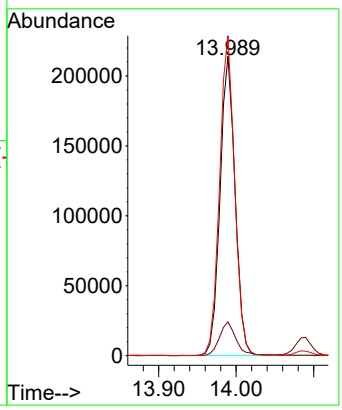


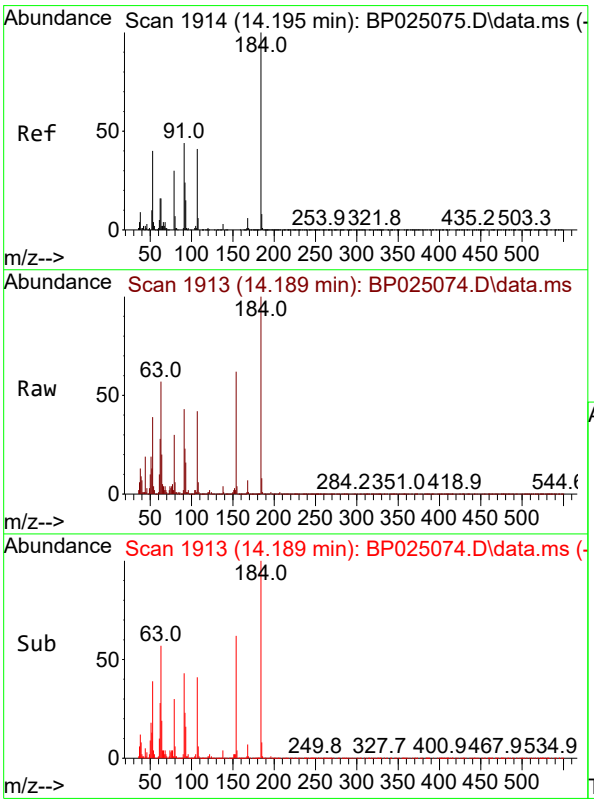
#53
3-Nitroaniline
Concen: 20.320 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 290162

Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.8	11.8
92	106.9	81.0	121.4

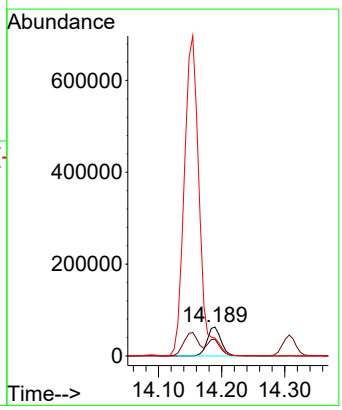


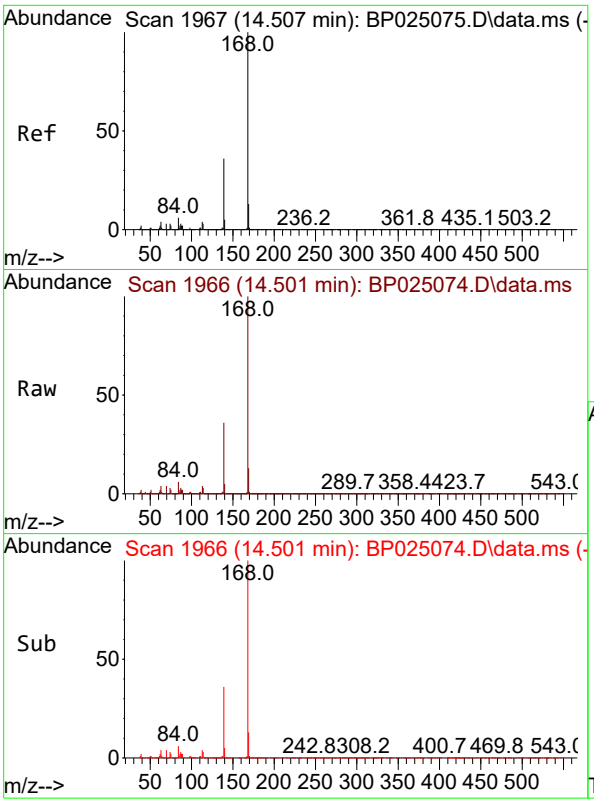


#54
2,4-Dinitrophenol
Concen: 19.115 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:184 Resp: 95858

Ion	Ratio	Lower	Upper
184	100		
63	57.3	47.4	71.0
154	61.9	47.8	71.8



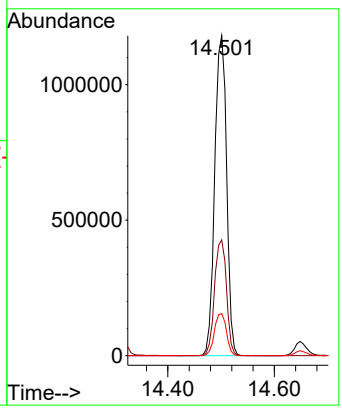


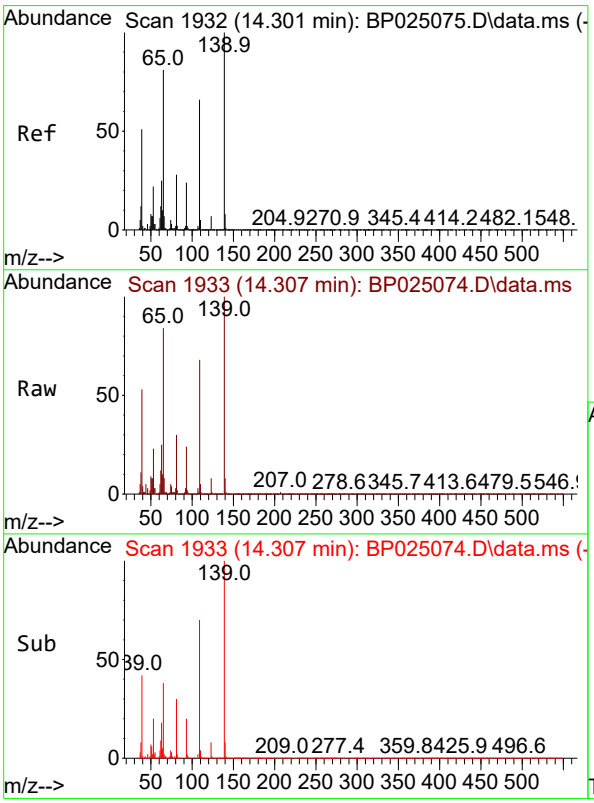
#55
Dibenzofuran
Concen: 20.961 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 1821290

Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.6	43.0
169	13.2	10.7	16.1

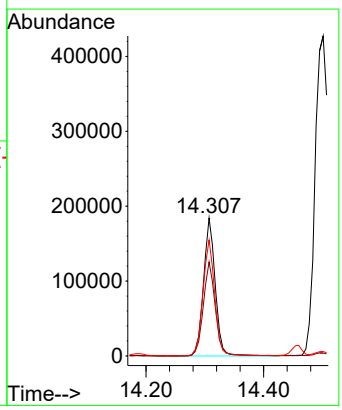


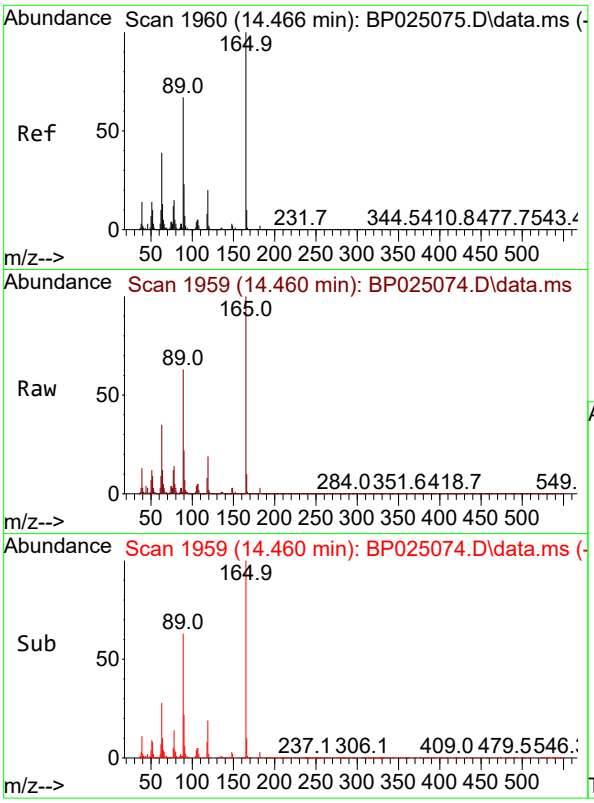


#56
4-Nitrophenol
Concen: 19.230 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:139 Resp: 253402

Ion	Ratio	Lower	Upper
139	100		
109	68.2	45.9	85.9
65	84.0	61.4	101.4



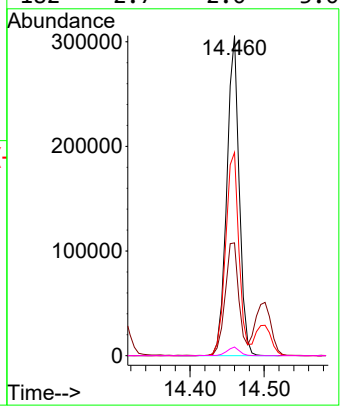


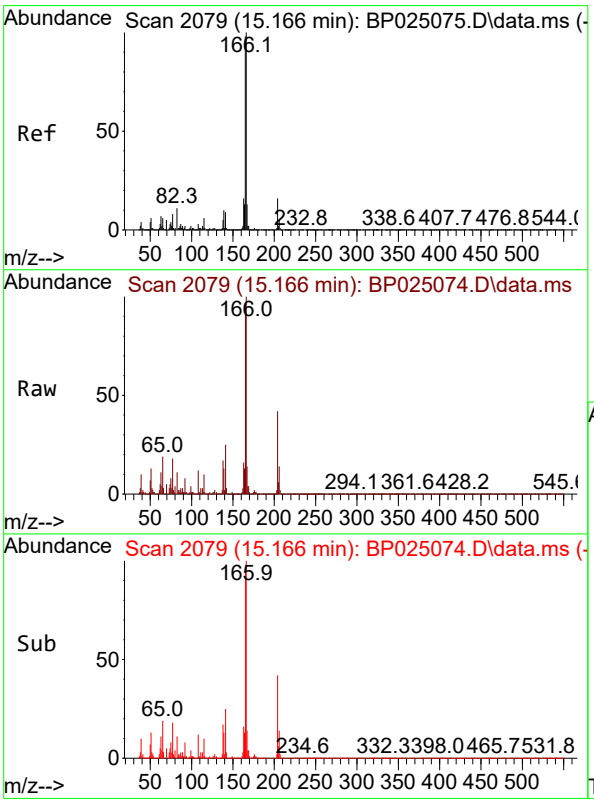
#57
2,4-Dinitrotoluene
Concen: 19.783 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 354786

Ion	Ratio	Lower	Upper
165	100		
63	35.3	31.0	46.4
89	63.5	53.4	80.0
182	2.7	2.0	3.0

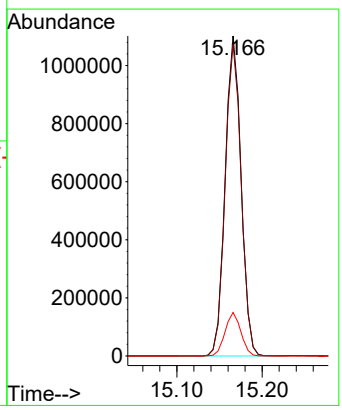


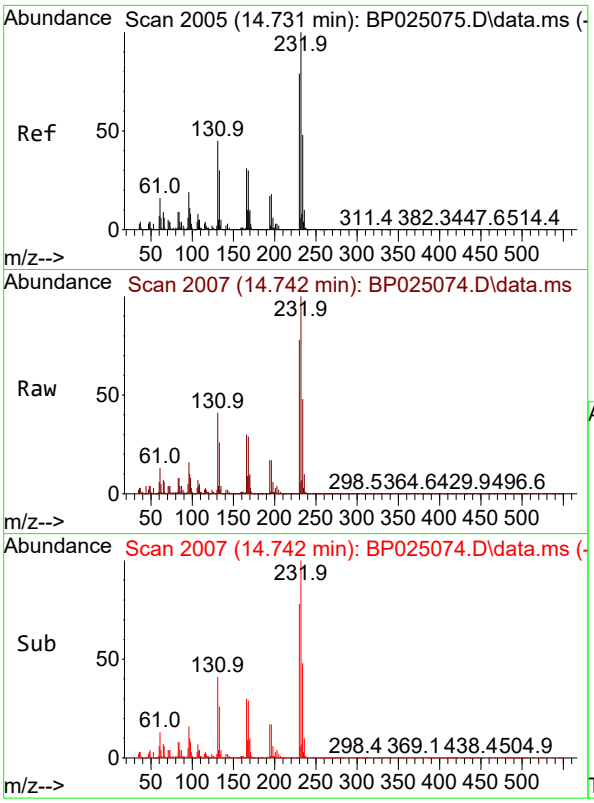


#58
Fluorene
Concen: 21.301 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:166 Resp: 1431605

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	117.8
167	13.6	10.7	16.1



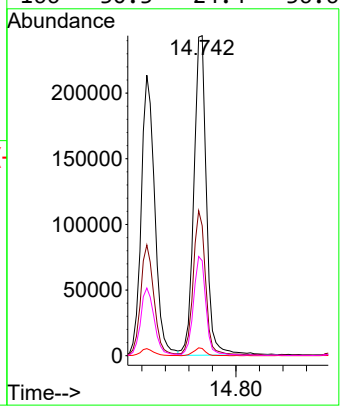


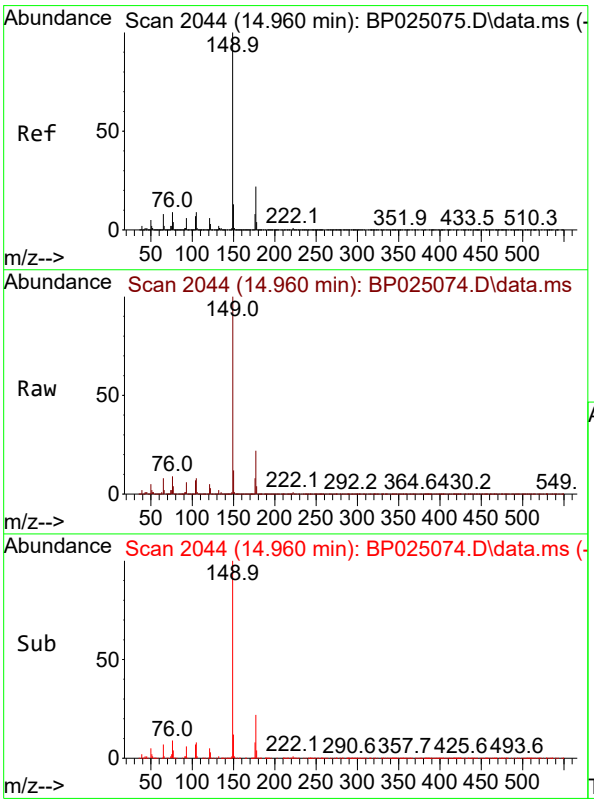
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.726 ng
RT: 14.742 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 361259

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.7	53.5
130	2.3	1.8	2.6
166	30.3	24.4	36.6

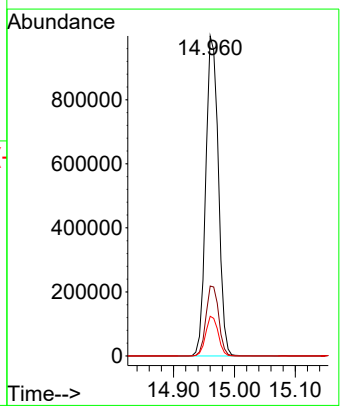


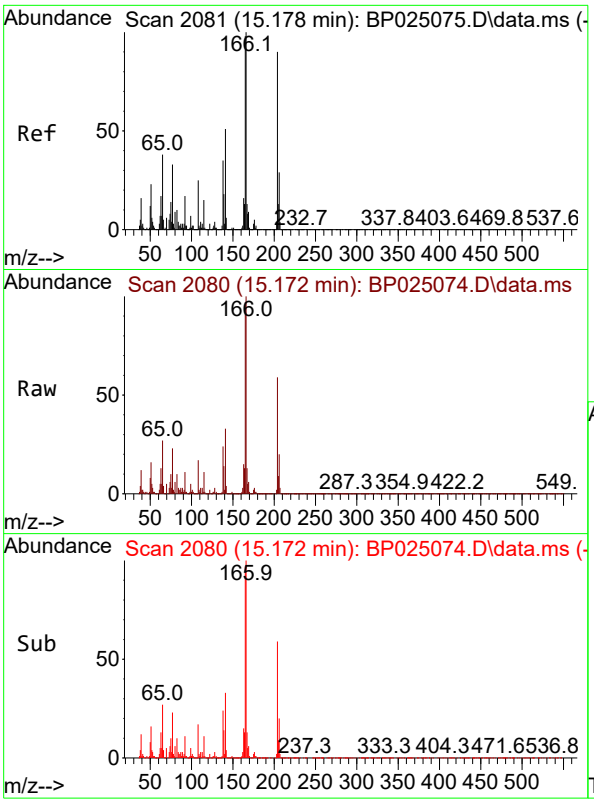


#60
Diethylphthalate
Concen: 20.887 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 1433207

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.8	26.8
150	12.4	10.2	15.2



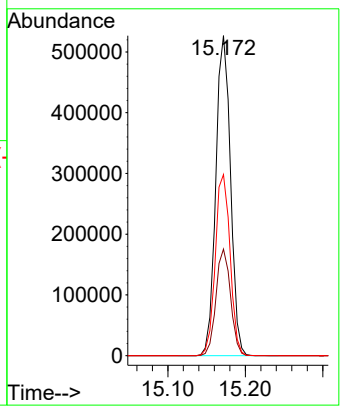


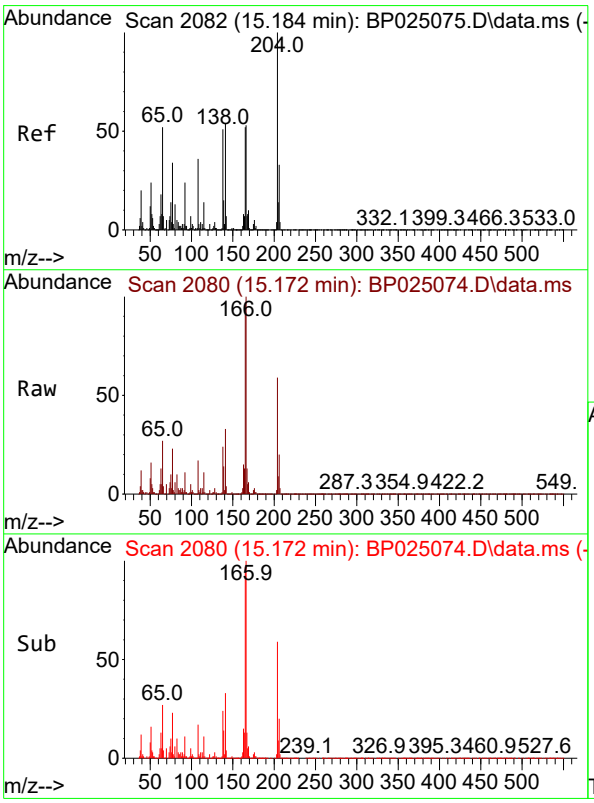
#61
4-Chlorophenyl-phenylether
Concen: 20.828 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 692727

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	56.6	45.1	67.7

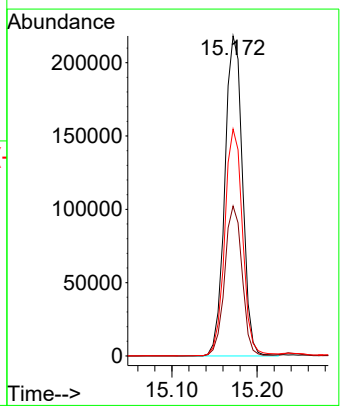


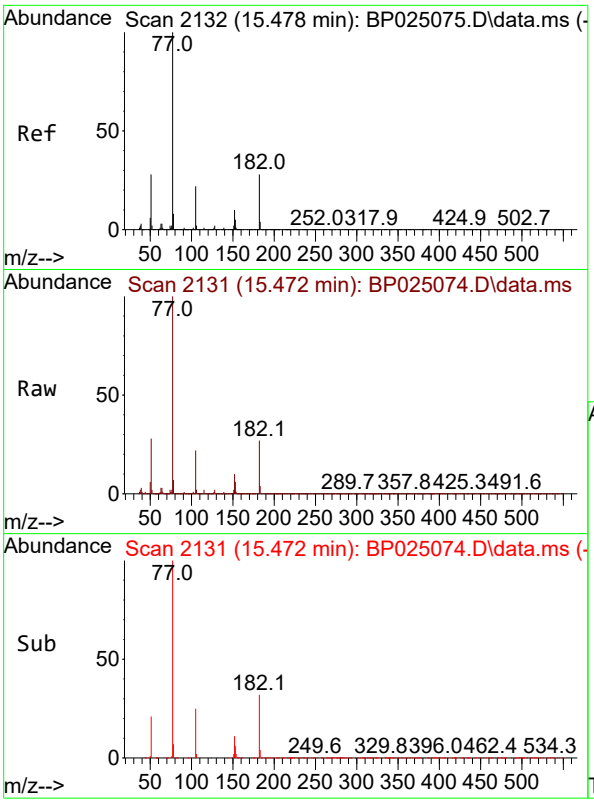


#62
4-Nitroaniline
Concen: 20.933 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:138 Resp: 313433

Ion	Ratio	Lower	Upper
138	100		
92	46.8	26.0	66.0
108	70.9	50.0	90.0



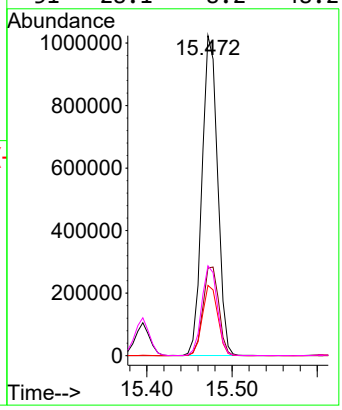


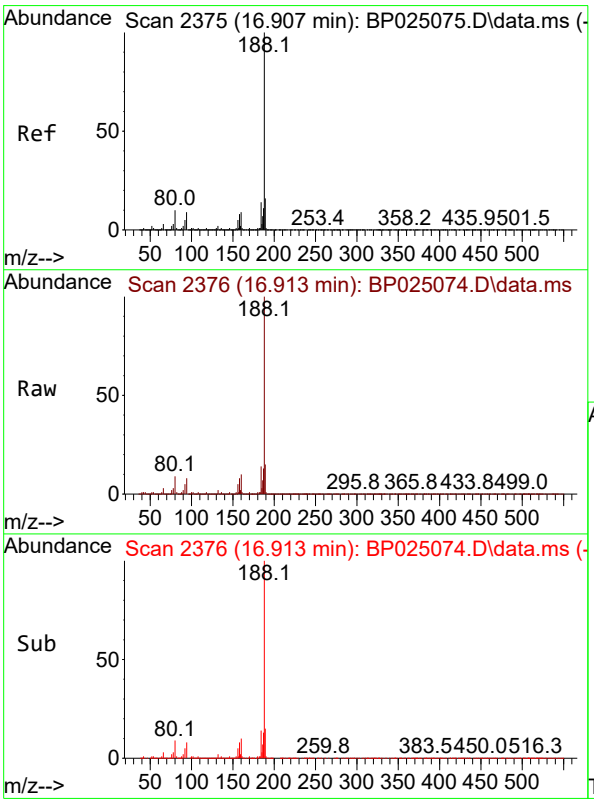
#63
Azobenzene
Concen: 21.209 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 1295934

Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.7	47.7
105	21.9	1.9	41.9
51	28.1	8.2	48.2

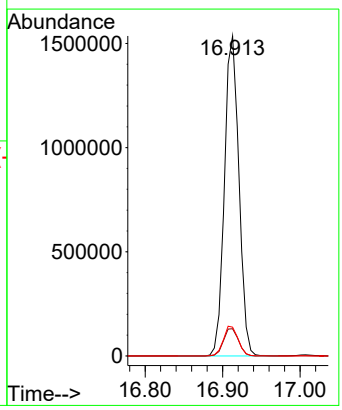


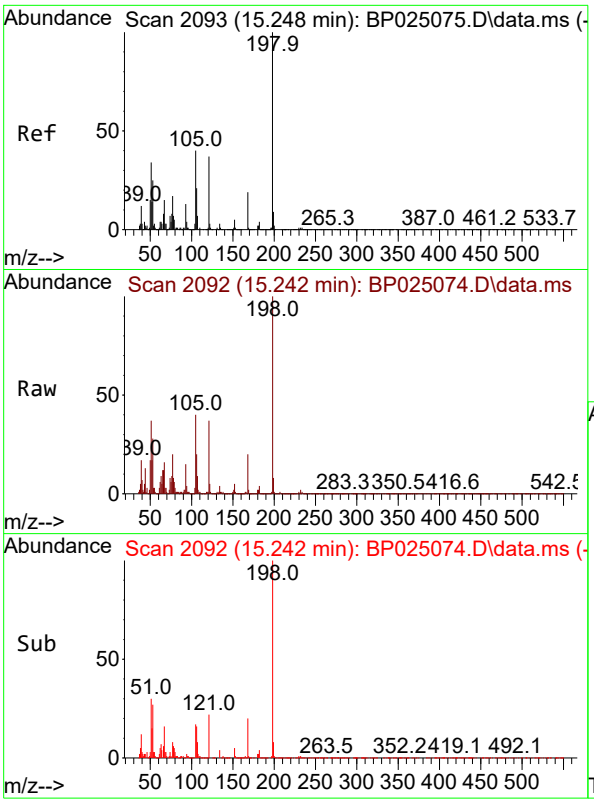


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:188 Resp: 1992018

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.0	7.8	11.6



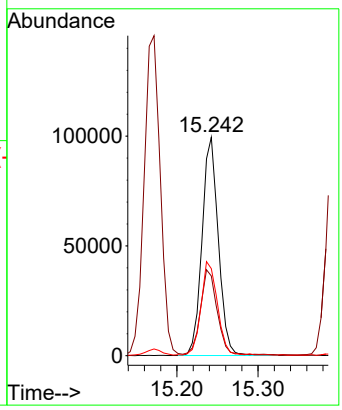


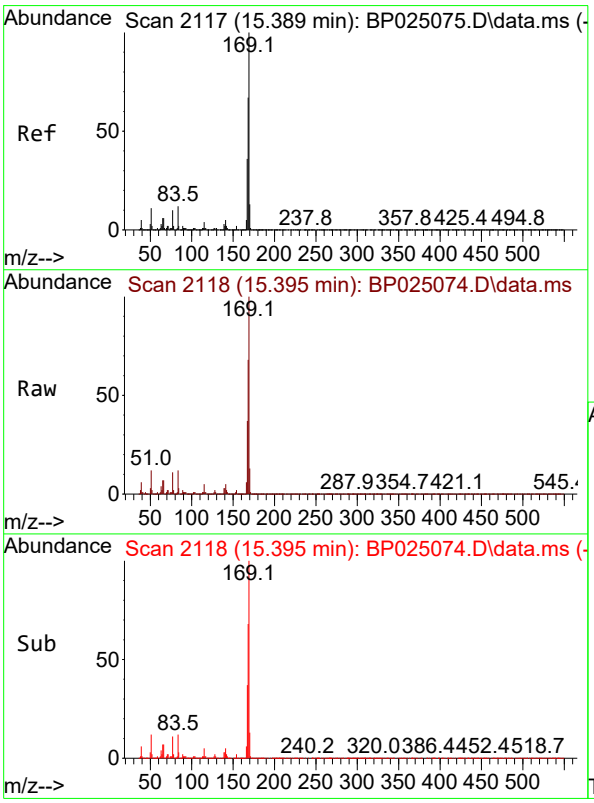
#65
4,6-Dinitro-2-methylphenol
Concen: 19.064 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 138316

Ion	Ratio	Lower	Upper
198	100		
51	36.5	16.8	56.8
105	39.9	20.8	60.8

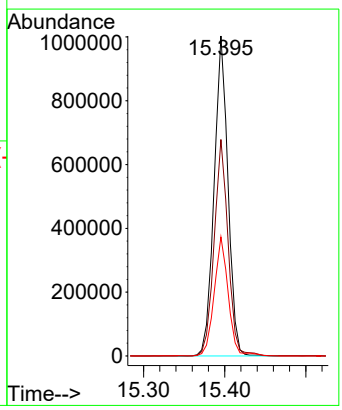


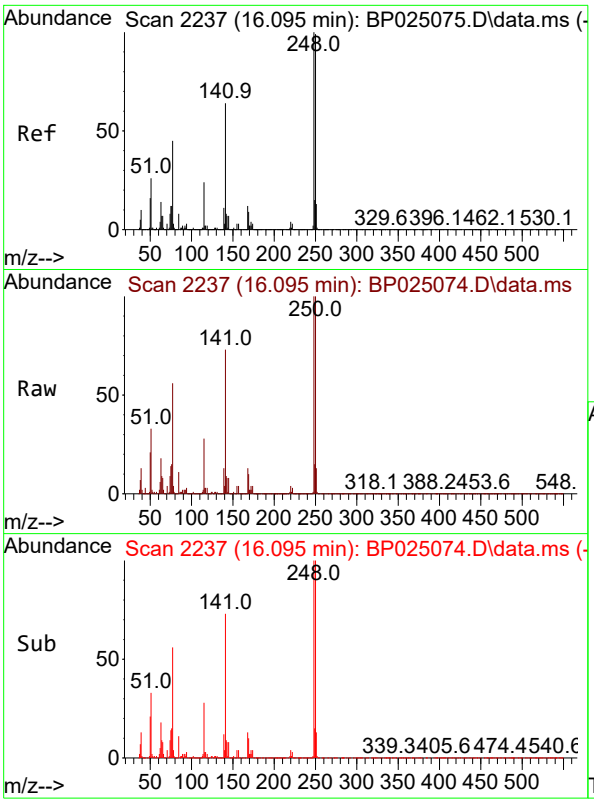


#66
n-Nitrosodiphenylamine
Concen: 20.872 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:169 Resp: 1189868

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.1	81.1
167	37.2	29.0	43.6



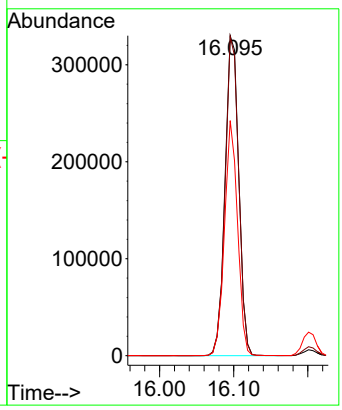


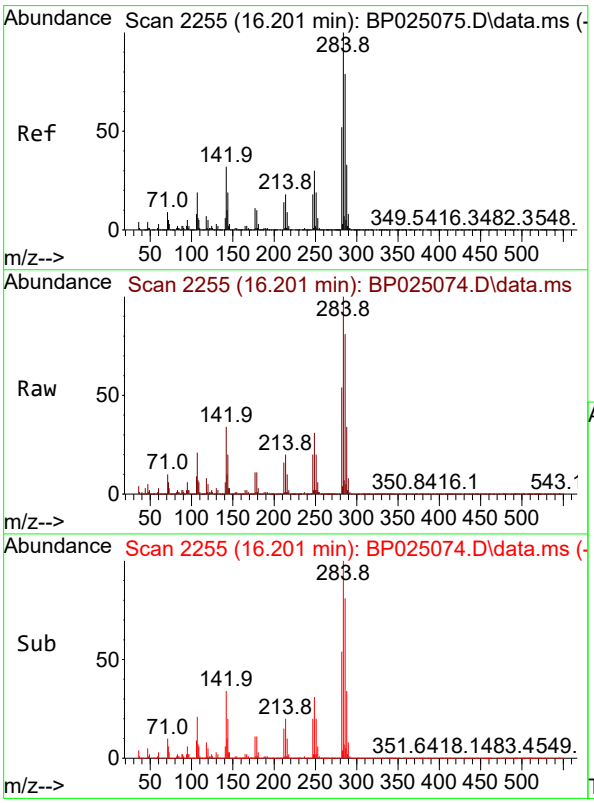
#67
4-Bromophenyl-phenylether
Concen: 20.847 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 425191

Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.4	119.2
141	73.5	51.4	77.0

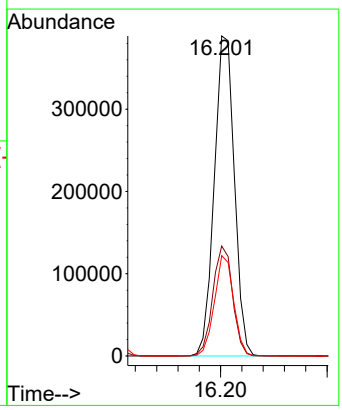


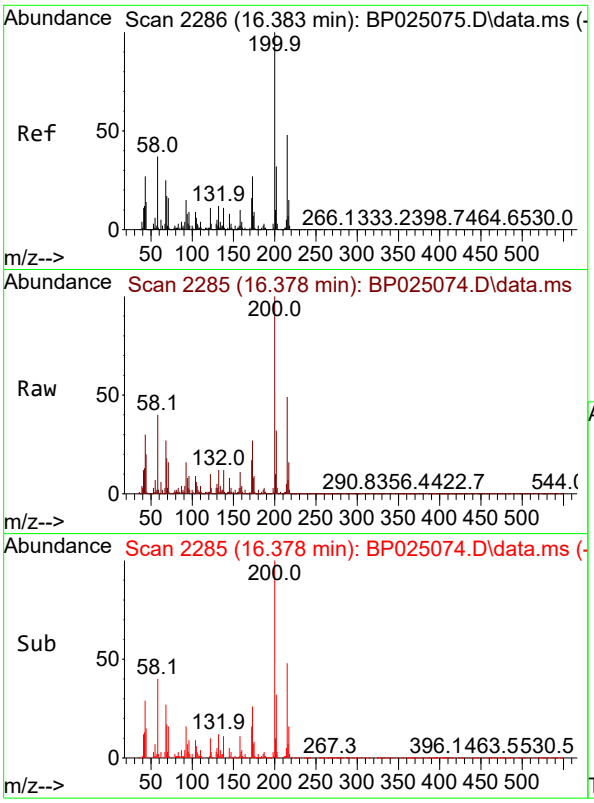


#68
Hexachlorobenzene
Concen: 20.375 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:284 Resp: 507935

Ion	Ratio	Lower	Upper
284	100		
142	34.4	25.9	38.9
249	31.4	23.8	35.8



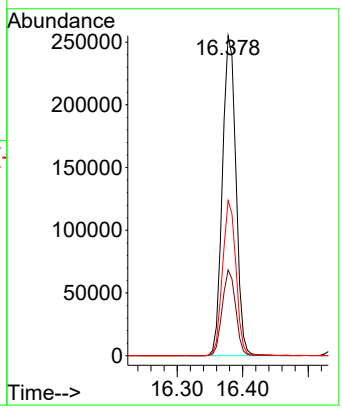


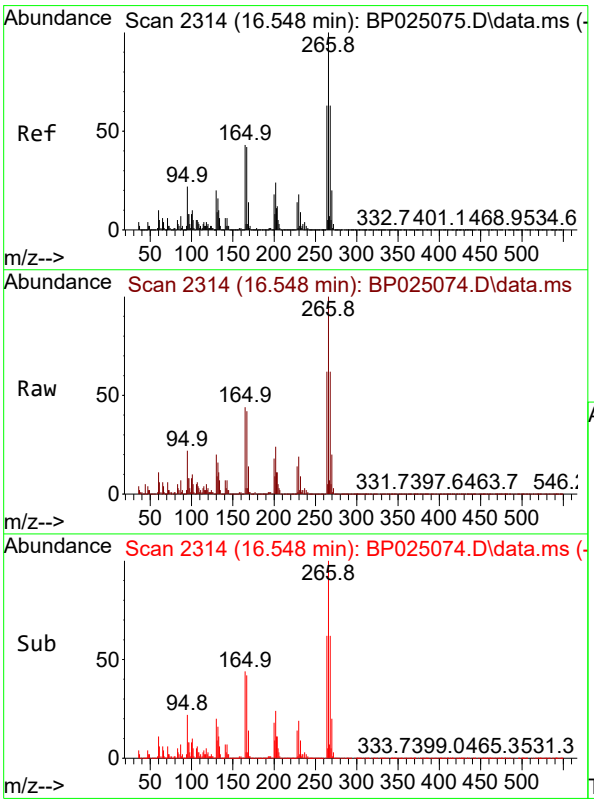
#69
Atrazine
Concen: 21.787 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 363960

Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	48.5	28.0	68.0

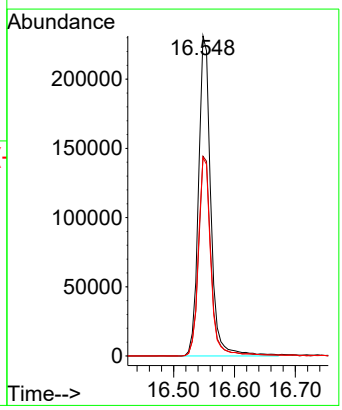


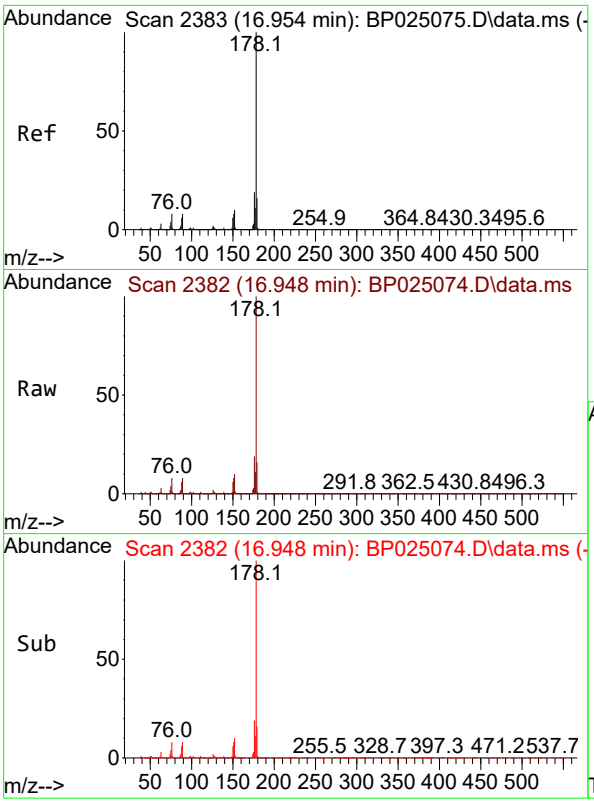


#70
Pentachlorophenol
Concen: 19.277 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:266 Resp: 324553

Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.4	75.6
264	61.9	50.2	75.2



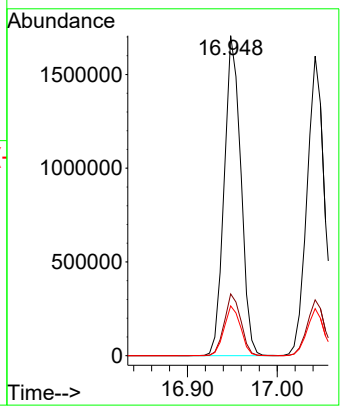


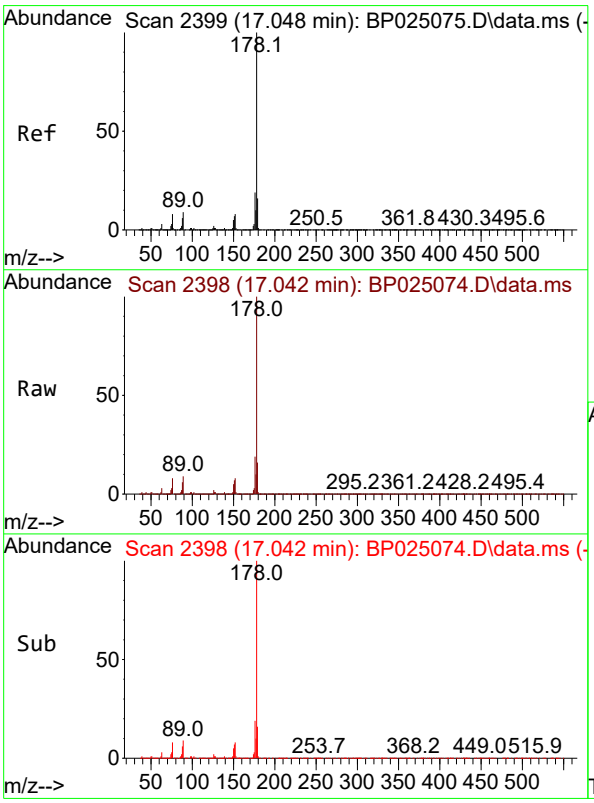
#71
Phenanthrene
Concen: 20.658 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 2198840

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.6	19.0

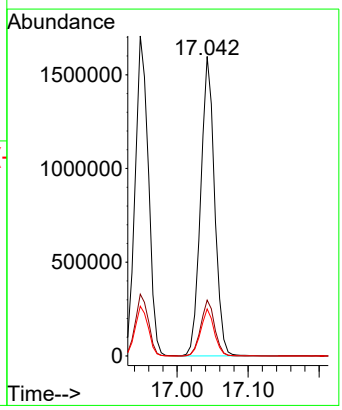


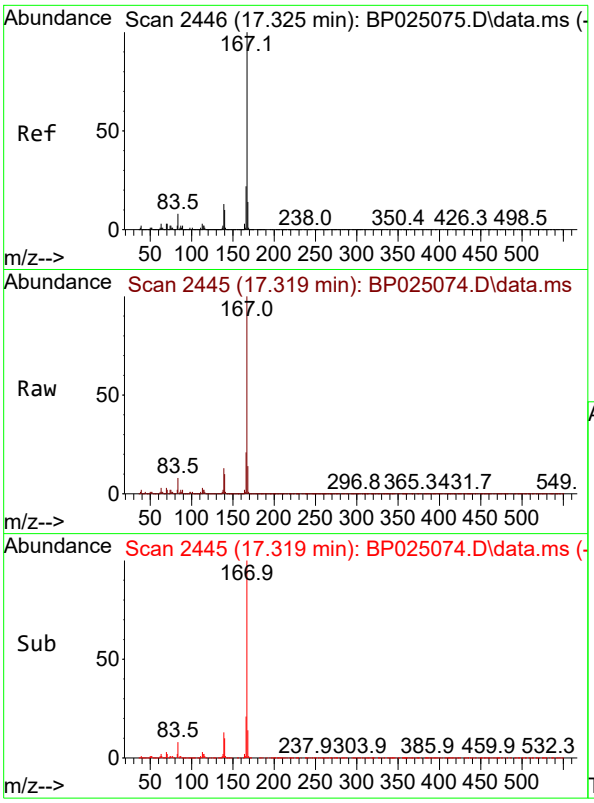


#72
Anthracene
Concen: 21.311 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:178 Resp: 2176257

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.7	12.5	18.7



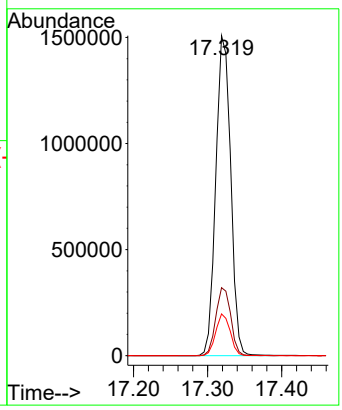


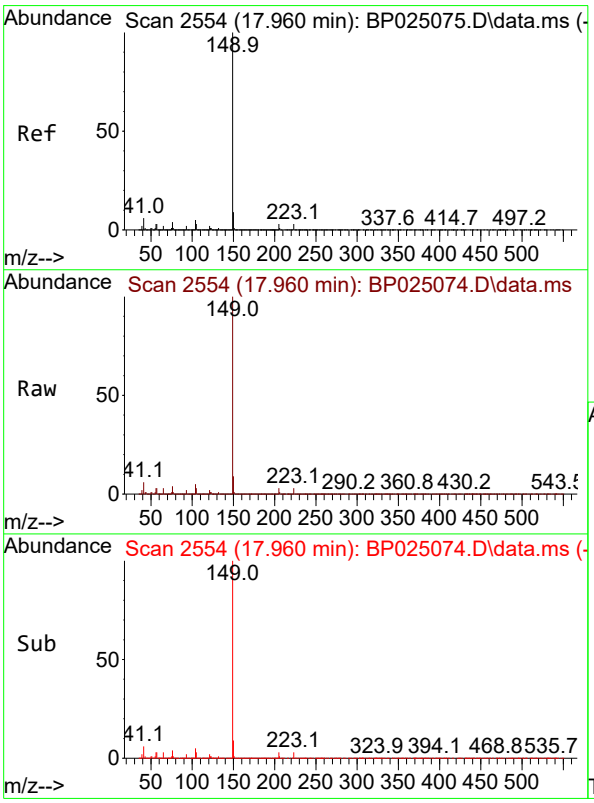
#73
Carbazole
Concen: 21.092 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 2105955

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	13.0	10.4	15.6

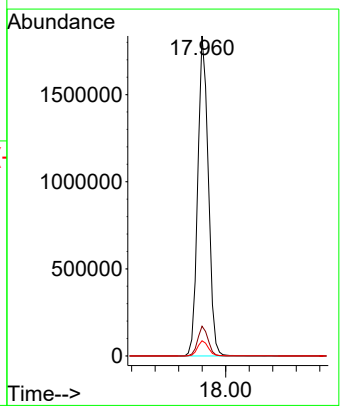


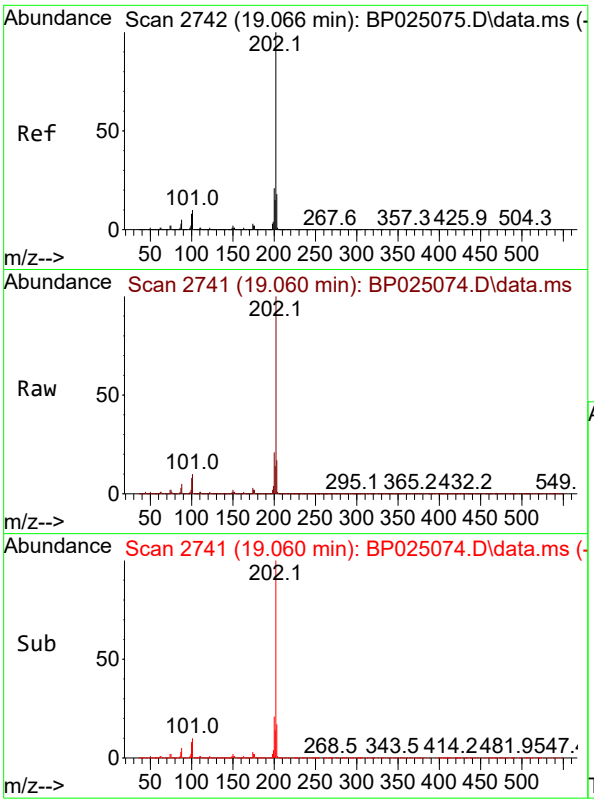


#74
Di-n-butylphthalate
Concen: 20.548 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 2284685

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.8	5.6



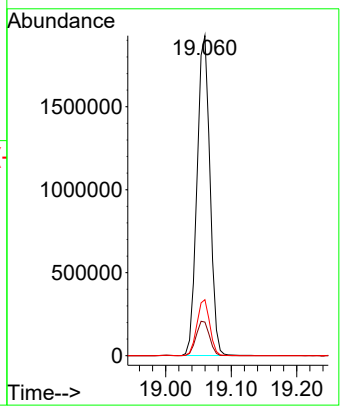


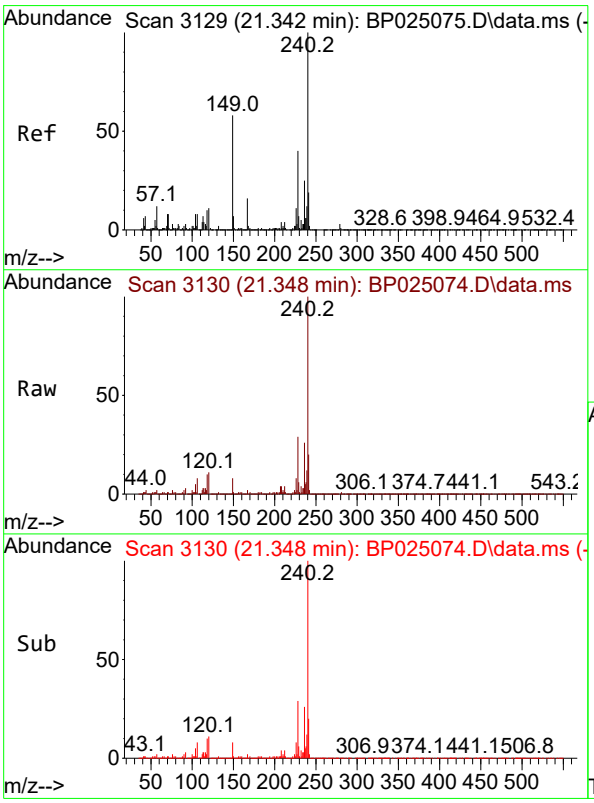
#75
Fluoranthene
Concen: 21.293 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 2649288

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.4
203	17.5	0.0	37.6

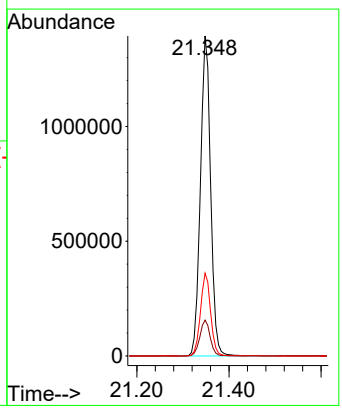


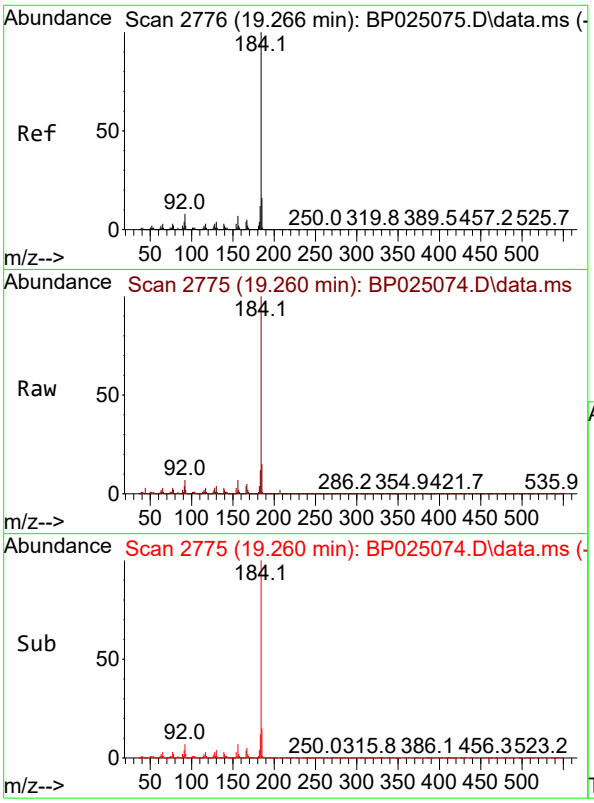


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:240 Resp: 2159758

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.9	20.3	30.5



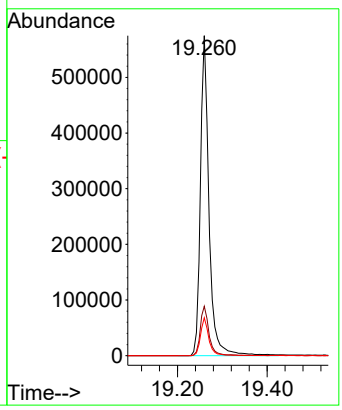


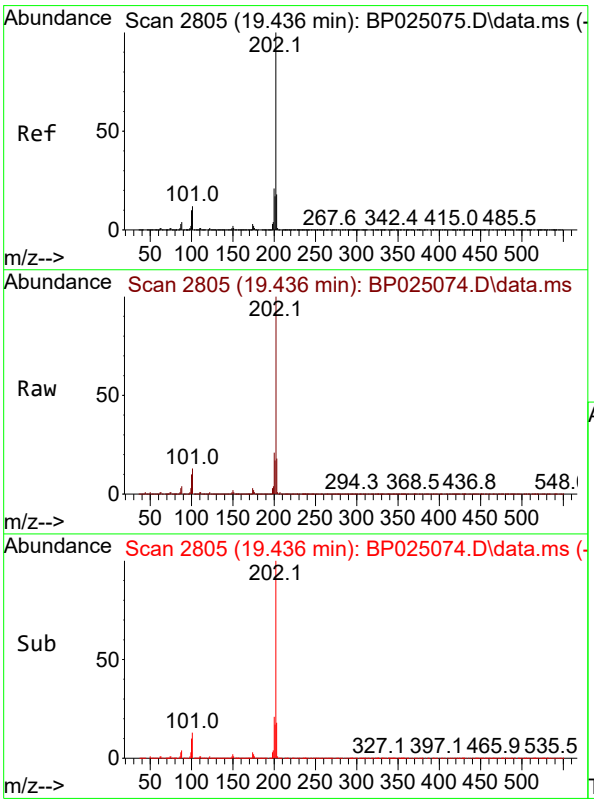
#77
Benzidine
Concen: 20.041 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 764455

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.9	9.4	14.2

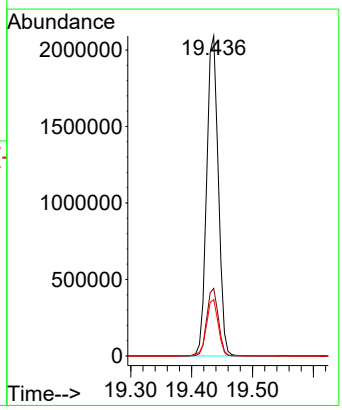


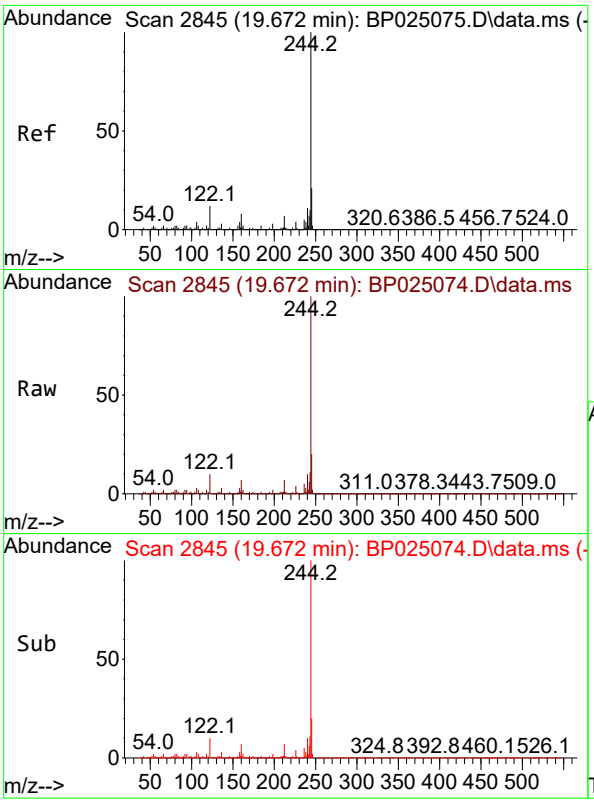


#78
Pyrene
Concen: 20.788 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:202 Resp: 2780845

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.6	14.1	21.1



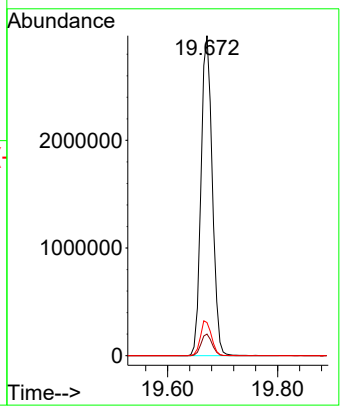


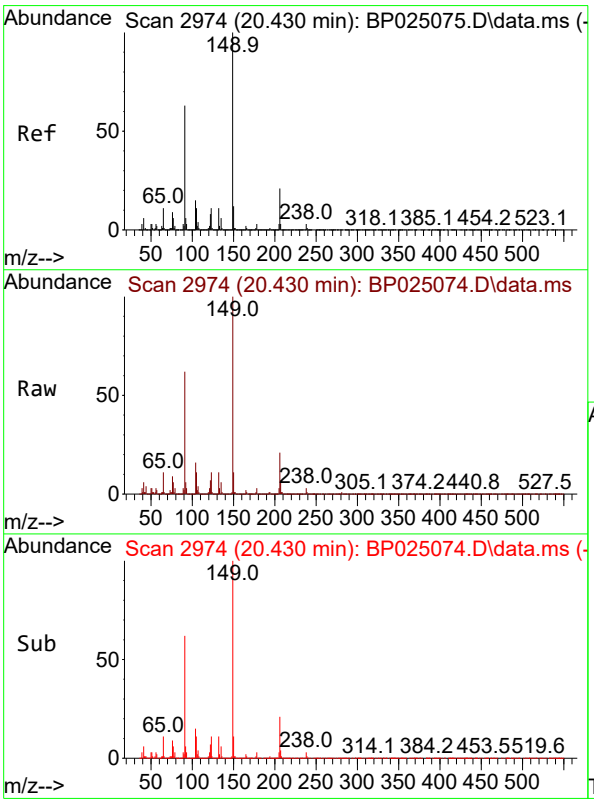
#79
Terphenyl-d14
Concen: 42.993 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 4224886

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.3	9.4	14.2

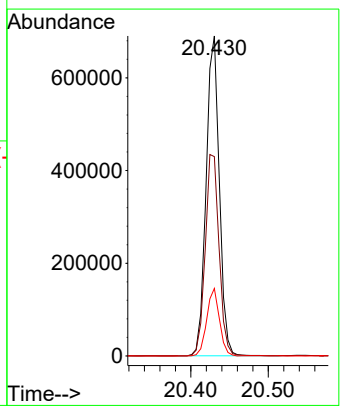


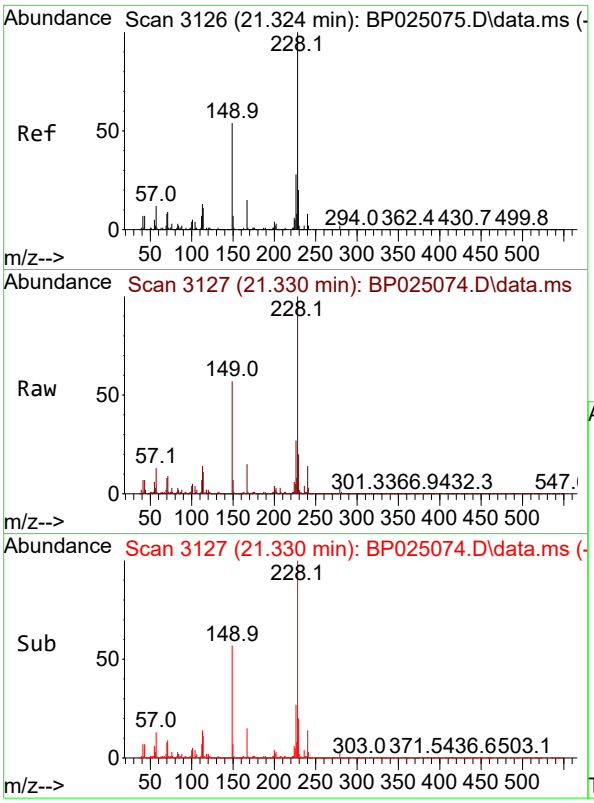


#80
Butylbenzylphthalate
Concen: 18.287 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 815246

Ion	Ratio	Lower	Upper
149	100		
91	62.3	50.6	76.0
206	21.1	17.2	25.8



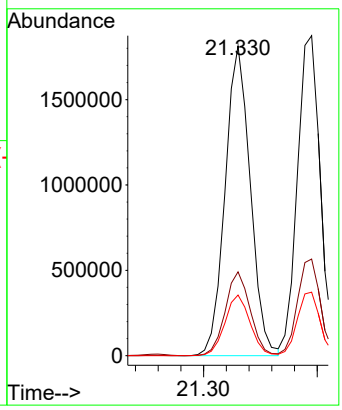


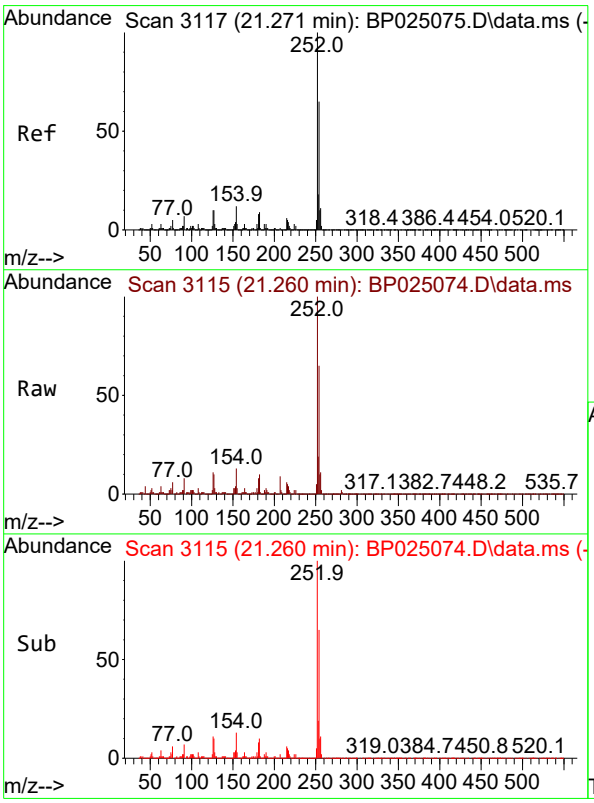
#81
Benzo(a)anthracene
Concen: 21.329 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2791625

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.6	16.0	24.0

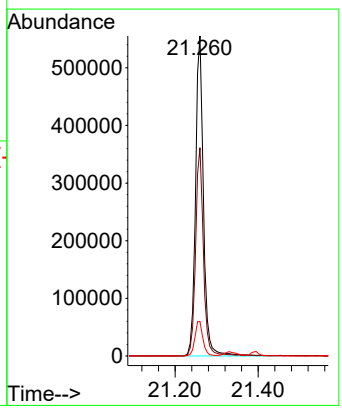


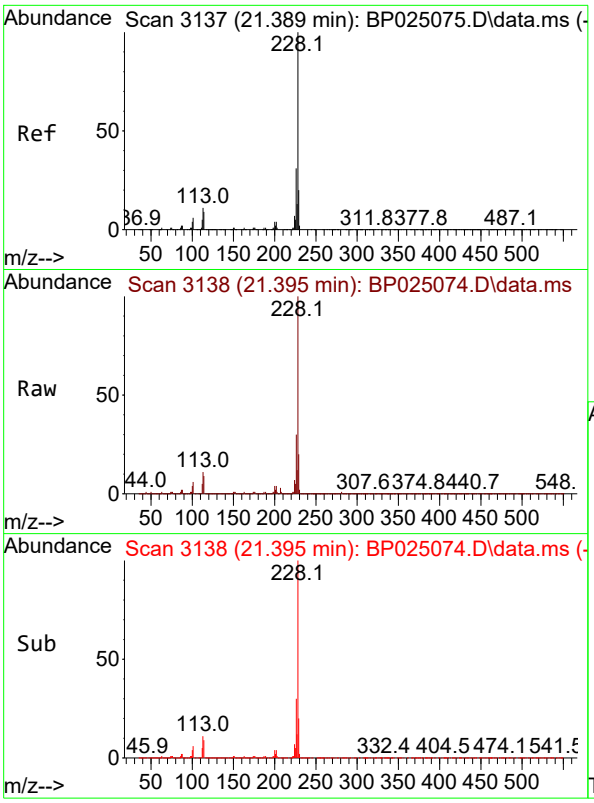


#82
3,3'-Dichlorobenzidine
Concen: 18.647 ng
RT: 21.260 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 734695

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	10.7	8.1	12.1



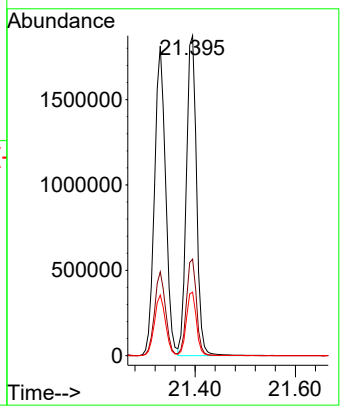


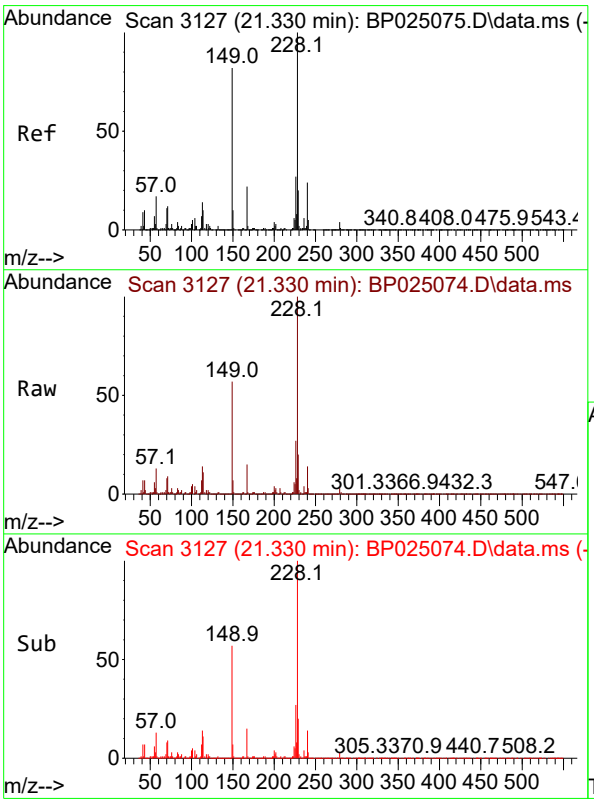
#83
Chrysene
Concen: 20.977 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2642166

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.8	16.0	24.0

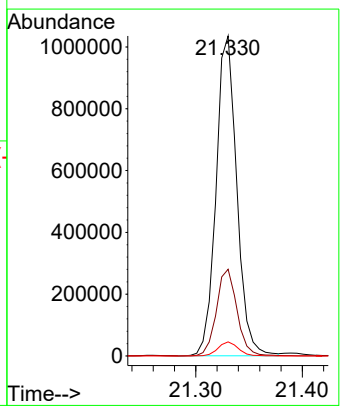


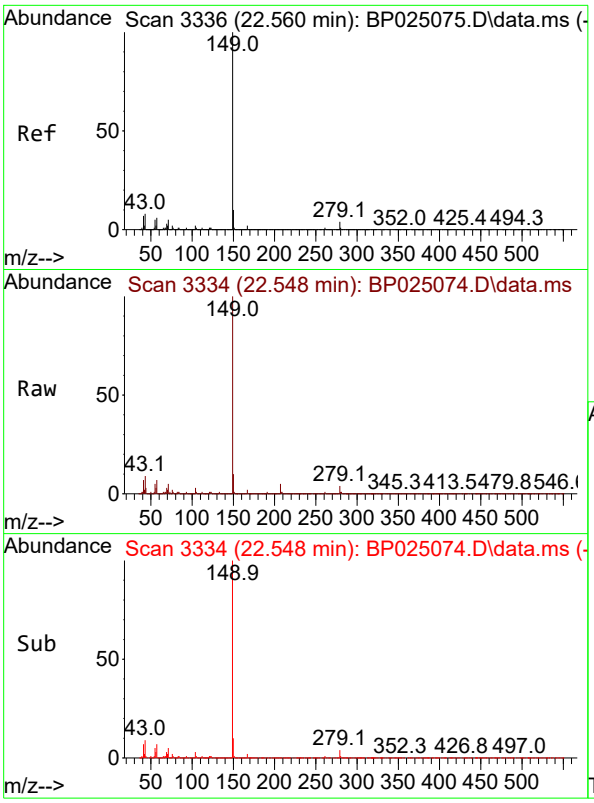


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.886 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 1396109

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.9	32.9
279	4.4	3.5	5.3



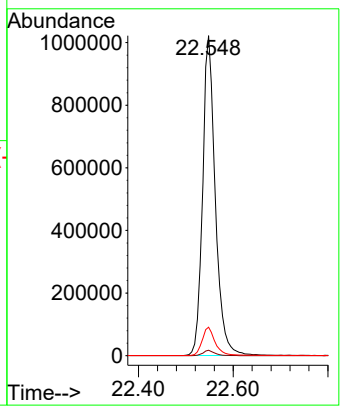


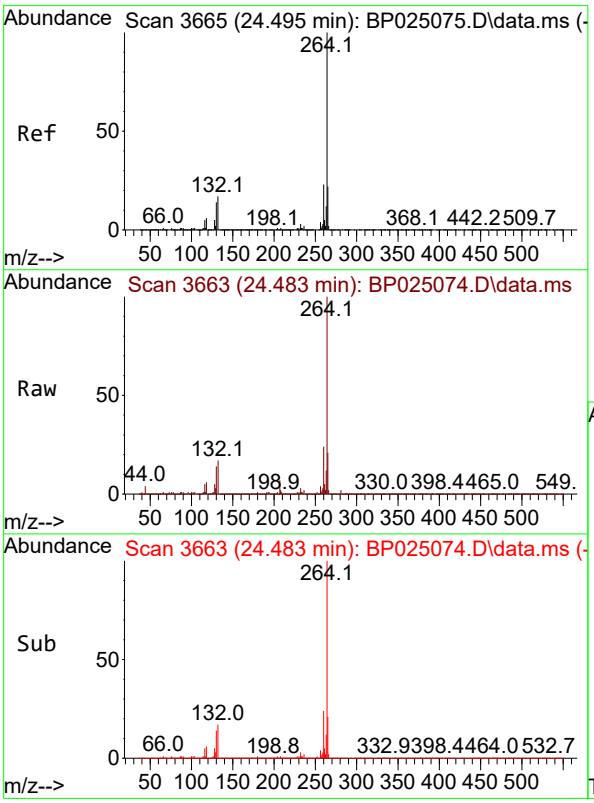
#85
Di-n-octyl phthalate
Concen: 18.935 ng
RT: 22.548 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 1892919

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	6.9	10.3

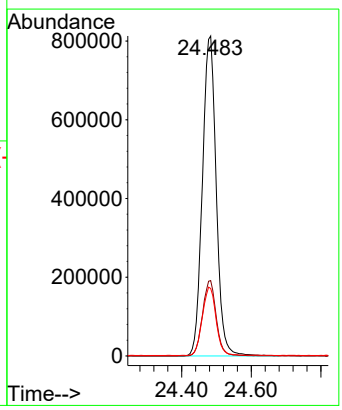


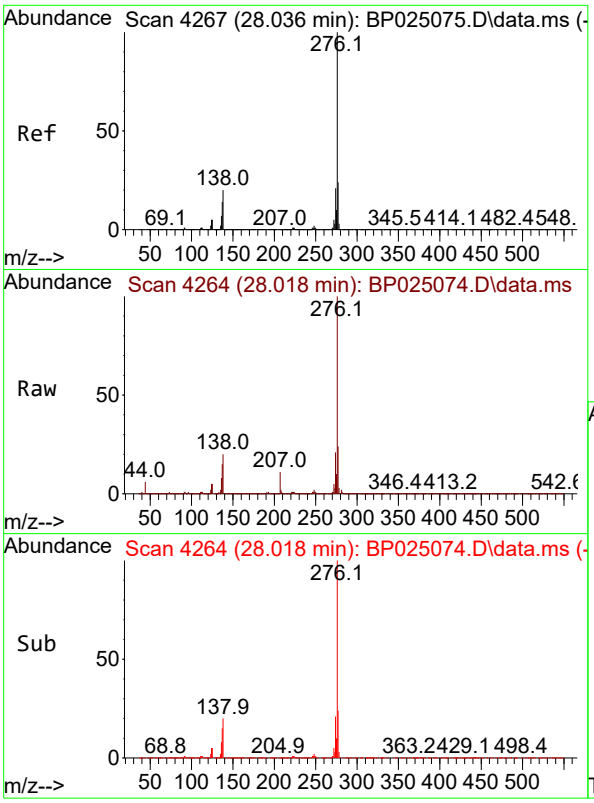


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:264 Resp: 2243019

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.1	17.7	26.5



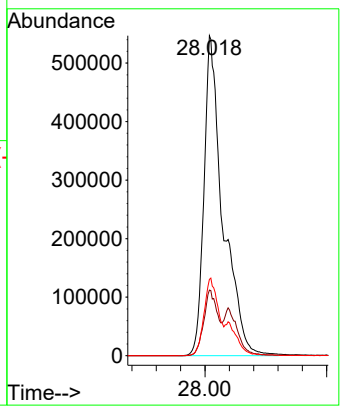


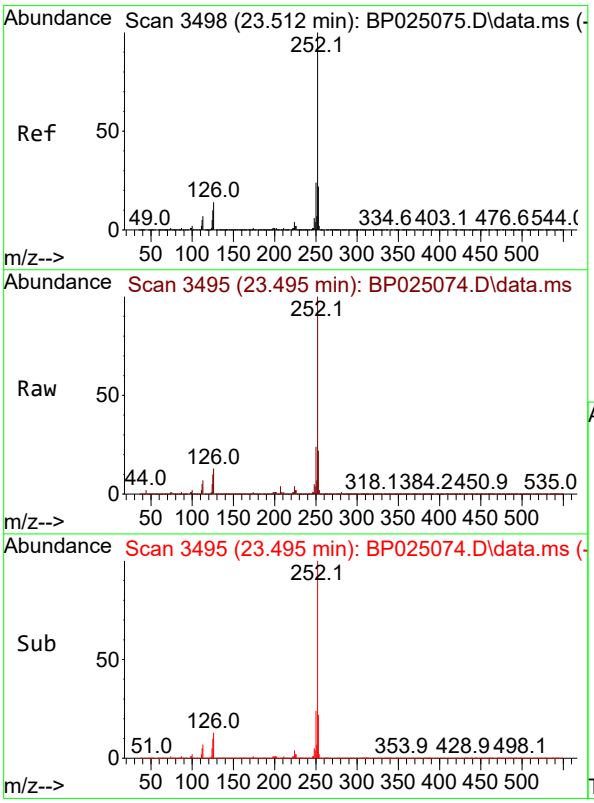
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.677 ng
RT: 28.018 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 2955341

Ion	Ratio	Lower	Upper
276	100		
138	14.7	13.0	19.6
277	18.4	15.9	23.9

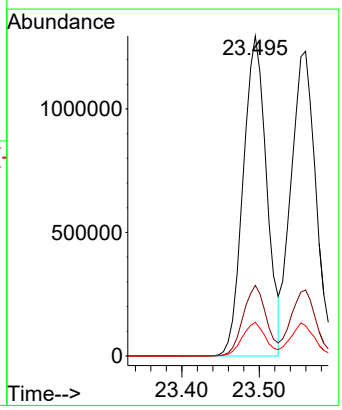


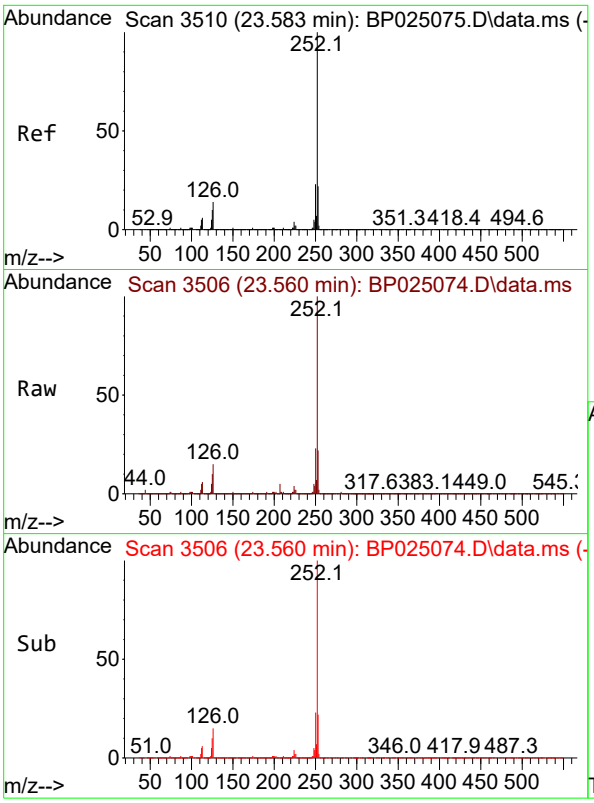


#88
Benzo(b)fluoranthene
Concen: 20.872 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.018 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 2724905

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.5	8.1	12.1



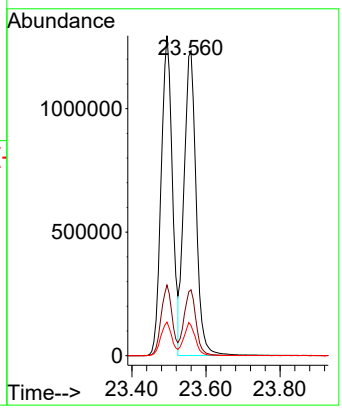


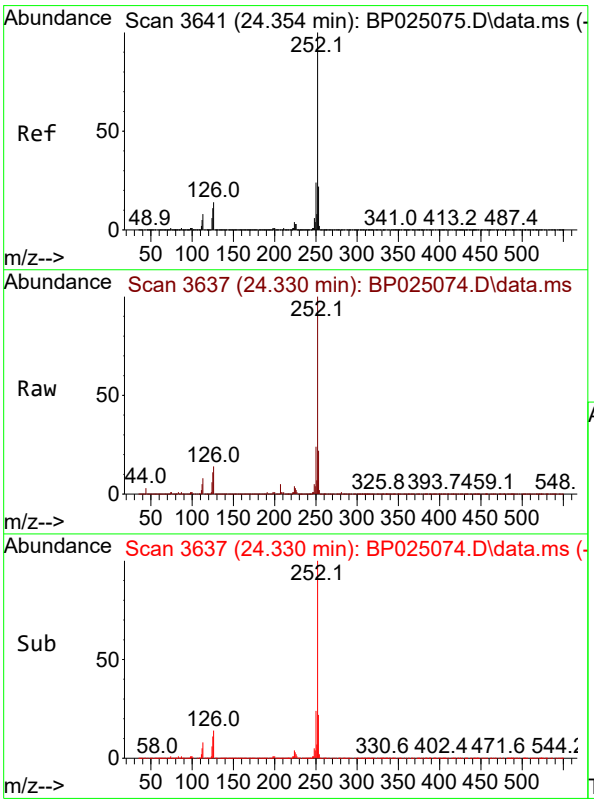
#89
Benzo(k)fluoranthene
Concen: 21.560 ng
RT: 23.560 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 2800667

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.9	8.2	12.2

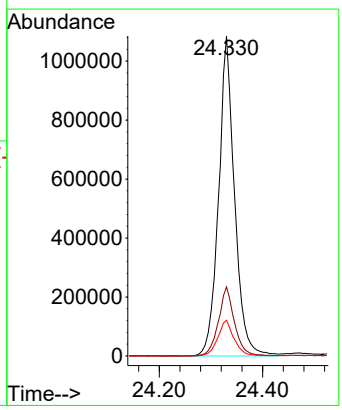


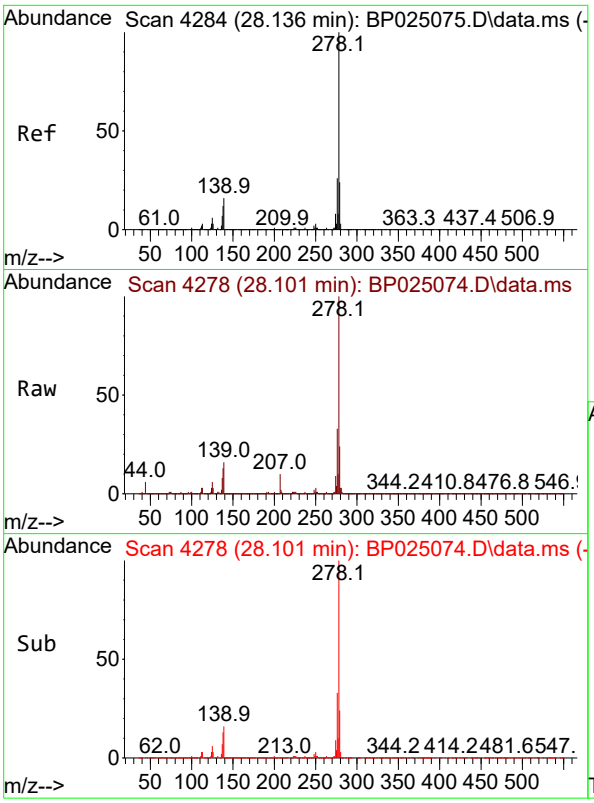


#90
Benzo(a)pyrene
Concen: 20.892 ng
RT: 24.330 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 2321462

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.2	9.0	13.4



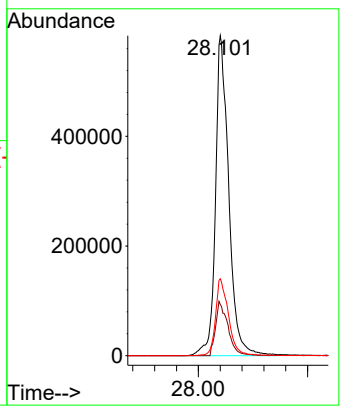


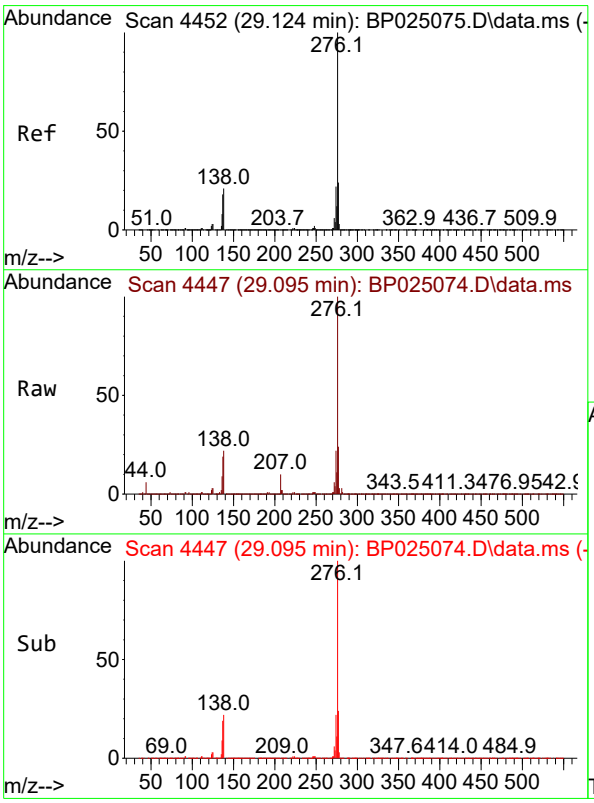
#91
Dibenzo(a,h)anthracene
Concen: 20.842 ng
RT: 28.101 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 2461745

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	24.1	18.9	28.3

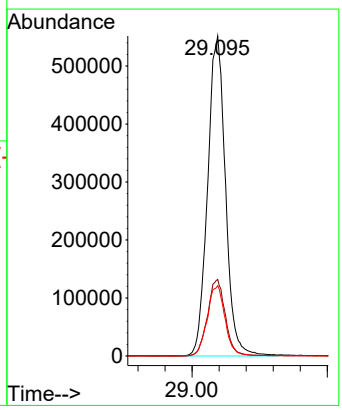




#92
Benzo(g,h,i)perylene
Concen: 20.695 ng
RT: 29.095 min Scan# 4447
Delta R.T. -0.029 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:276 Resp: 2525145

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	22.0	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	390810	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1560152	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1003103	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2062708	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2262594	20.000	ng	0.00
86) Perylene-d12	24.495	264	2431657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1772070	80.342	ng	0.00
7) Phenol-d6	6.631	99	2279753	79.204	ng	0.00
23) Nitrobenzene-d5	8.566	82	1914639	81.616	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	987112	83.301	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	5132522	79.265	ng	0.00
79) Terphenyl-d14	19.672	244	8276493	80.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	339998	39.642	ng	100
3) Pyridine	3.490	79	959760	40.903	ng	100
4) n-Nitrosodimethylamine	3.408	42	395498	39.780	ng	100
6) Aniline	6.784	93	1084746	40.335	ng	100
8) 2-Chlorophenol	7.019	128	981576	39.775	ng	100
9) Benzaldehyde	6.602	77	565720	37.634	ng	100
10) Phenol	6.655	94	1150792	39.348	ng	100
11) bis(2-Chloroethyl)ether	6.890	93	876880	38.958	ng	100
12) 1,3-Dichlorobenzene	7.337	146	1077716	39.020	ng	100
13) 1,4-Dichlorobenzene	7.472	146	1093628	39.109	ng	100
14) 1,2-Dichlorobenzene	7.784	146	1054645	39.206	ng	100
15) Benzyl Alcohol	7.672	79	748226	38.947	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1120385	38.282	ng	100
17) 2-Methylphenol	7.872	107	757253	40.195	ng	100
18) Hexachloroethane	8.496	117	359924	39.510	ng	100
19) n-Nitroso-di-n-propyla...	8.237	70	676070	39.605	ng	100
20) 3+4-Methylphenols	8.196	107	1042619	39.511	ng	100
22) Acetophenone	8.243	105	1451215	39.332	ng	100
24) Nitrobenzene	8.607	77	966724	40.457	ng	100
25) Isophorone	9.131	82	1742244	39.740	ng	100
26) 2-Nitrophenol	9.313	139	416304	36.734	ng	100
27) 2,4-Dimethylphenol	9.384	122	649221	39.698	ng	100
28) bis(2-Chloroethoxy)met...	9.619	93	1166063	39.172	ng	100
29) 2,4-Dichlorophenol	9.837	162	932551	41.124	ng	100
30) 1,2,4-Trichlorobenzene	10.060	180	995067	39.625	ng	100
31) Naphthalene	10.231	128	3155257	39.276	ng	100
32) Benzoic acid	9.501	122	581334	38.533	ng	100
33) 4-Chloroaniline	10.343	127	1217057	40.595	ng	100
34) Hexachlorobutadiene	10.537	225	567921	39.409	ng	100
35) Caprolactam	11.107	113	313947	40.469	ng	100
36) 4-Chloro-3-methylphenol	11.484	107	965263	40.733	ng	100
37) 2-Methylnaphthalene	11.860	142	2240648	39.530	ng	100
38) 1-Methylnaphthalene	12.084	142	2158945	39.054	ng	100
40) 1,2,4,5-Tetrachloroben...	12.243	216	1164588	40.396	ng	100
41) Hexachlorocyclopentadiene	12.237	237	298913	39.695	ng	100
43) 2,4,6-Trichlorophenol	12.484	196	741839	42.497	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	824324	41.668	ng	100
46) 1,1'-Biphenyl	12.907	154	2916222	39.957	ng	100
47) 2-Chloronaphthalene	12.942	162	2188234	39.891	ng	100
48) 2-Nitroaniline	13.142	65	519267	39.182	ng	100
49) Acenaphthylene	13.801	152	3413485	40.657	ng	100
50) Dimethylphthalate	13.554	163	2825141	40.234	ng	100
51) 2,6-Dinitrotoluene	13.660	165	592325	43.253	ng	100
52) Acenaphthene	14.154	154	2139419	39.537	ng	100
53) 3-Nitroaniline	13.984	138	644835	43.937	ng	100
54) 2,4-Dinitrophenol	14.195	184	234827	38.110	ng	100
55) Dibenzofuran	14.507	168	3547100	39.719	ng	100
56) 4-Nitrophenol	14.301	139	572405	42.263	ng	100
57) 2,4-Dinitrotoluene	14.466	165	785486	39.572	ng	100
58) Fluorene	15.166	166	2794372	40.454	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.731	232	742726	41.458	ng	100
60) Diethylphthalate	14.960	149	2866041	40.639	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1361531	39.829	ng	100
62) 4-Nitroaniline	15.184	138	686633	44.618	ng	100
63) Azobenzene	15.478	77	2537142	40.400	ng	100
65) 4,6-Dinitro-2-methylph...	15.248	198	335740	37.190	ng	100
66) n-Nitrosodiphenylamine	15.389	169	2365317	40.069	ng	100
67) 4-Bromophenyl-phenylether	16.095	248	843967	39.961	ng	100
68) Hexachlorobenzene	16.201	284	1020715	39.541	ng	100
69) Atrazine	16.383	200	711320	41.121	ng	100
70) Pentachlorophenol	16.548	266	707874	40.604	ng	100
71) Phenanthrene	16.954	178	4407982	39.993	ng	100
72) Anthracene	17.048	178	4275492	40.434	ng	100
73) Carbazole	17.325	167	4245502	41.064	ng	100
74) Di-n-butylphthalate	17.960	149	4897263	42.536	ng	100
75) Fluoranthene	19.066	202	5320900	41.300	ng	100
77) Benzidine	19.266	184	2584906	64.686	ng	100
78) Pyrene	19.436	202	5572652	39.765	ng	100
80) Butylbenzylphthalate	20.430	149	1993151	37.765	ng	100
81) Benzo(a)anthracene	21.324	228	5507840	40.169	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	1763991	42.735	ng	100
83) Chrysene	21.389	228	5244045	39.742	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	3179611	43.232	ng	100
85) Di-n-octyl phthalate	22.560	149	4951836	38.152	ng	100
87) Indeno(1,2,3-cd)pyrene	28.036	276	6474467m	41.785	ng	
88) Benzo(b)fluoranthene	23.512	252	5839482	41.258	ng	100
89) Benzo(k)fluoranthene	23.583	252	5609534	39.833	ng	100
90) Benzo(a)pyrene	24.354	252	5022829	41.697	ng	100
91) Dibenzo(a,h)anthracene	28.136	278	5336147	41.673	ng	100
92) Benzo(g,h,i)perylene	29.124	276	5482072	41.443	ng	100

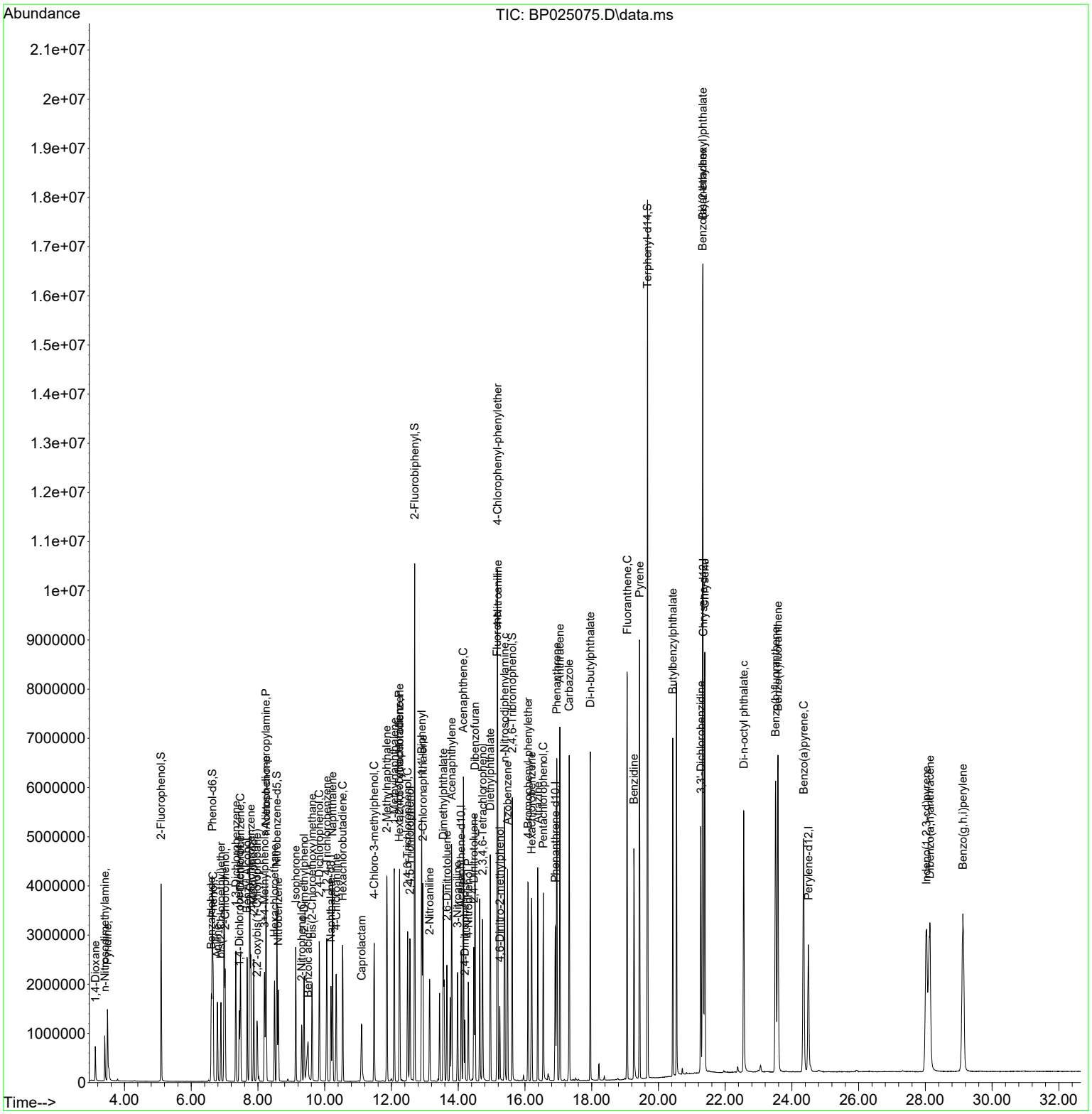
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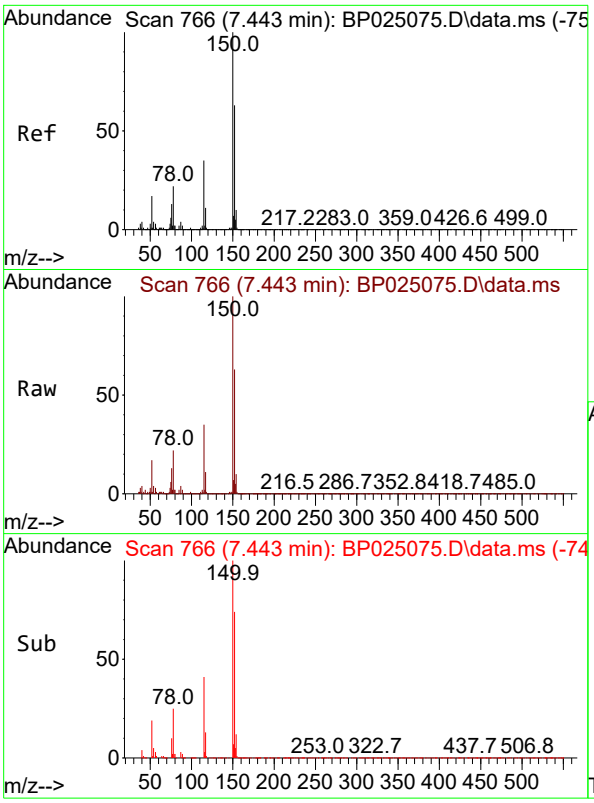
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



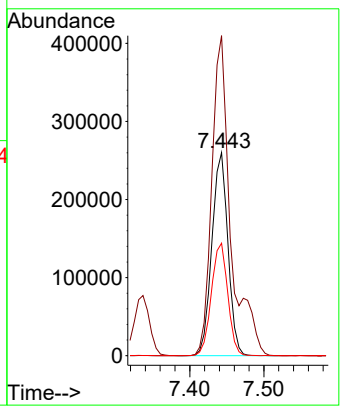


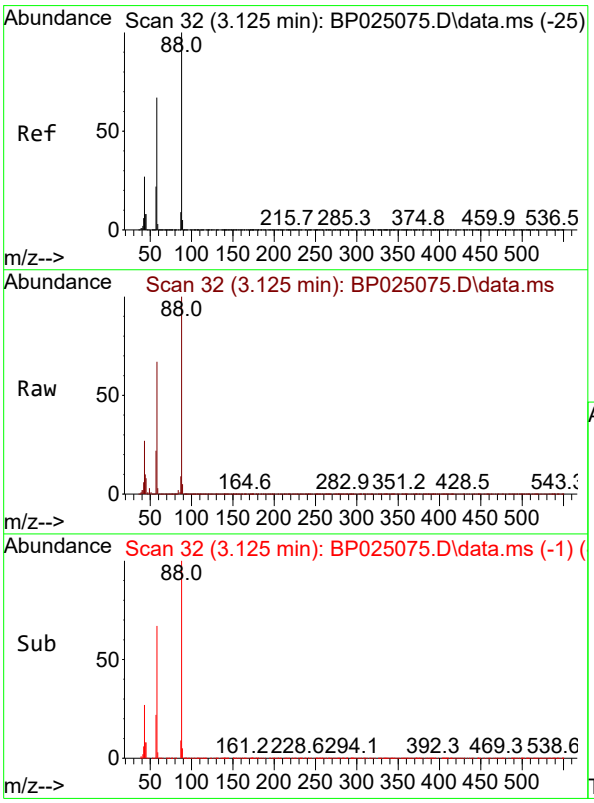
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 390810

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.1	189.1
115	55.4	44.3	66.5

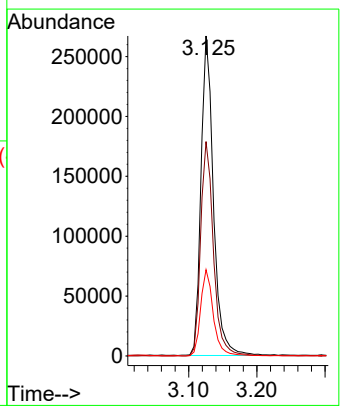


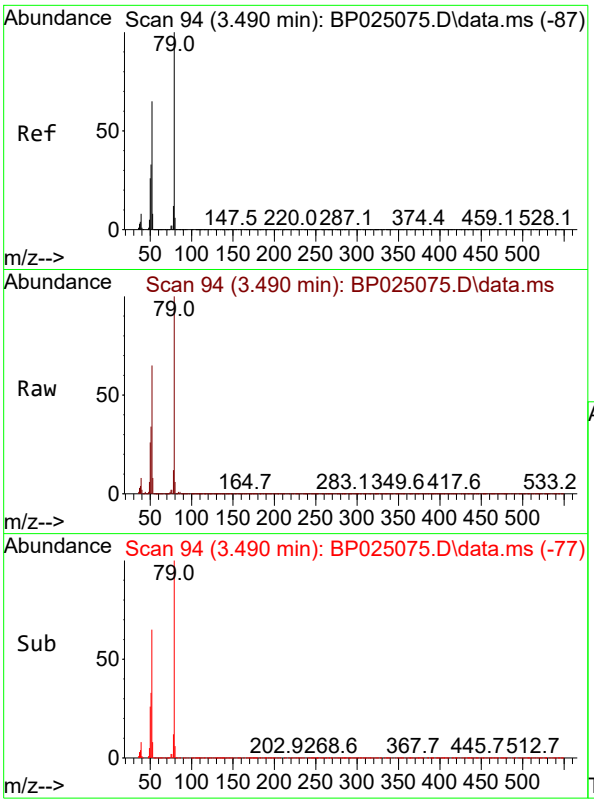


#2
1,4-Dioxane
Concen: 39.642 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 88 Resp: 339998

Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.0	82.4
43	27.4	21.9	32.9



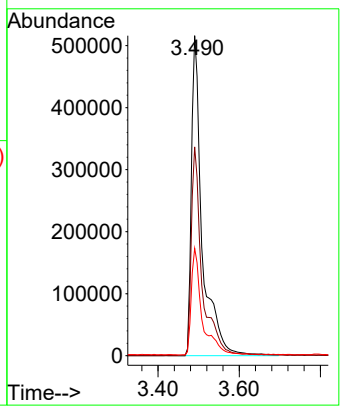


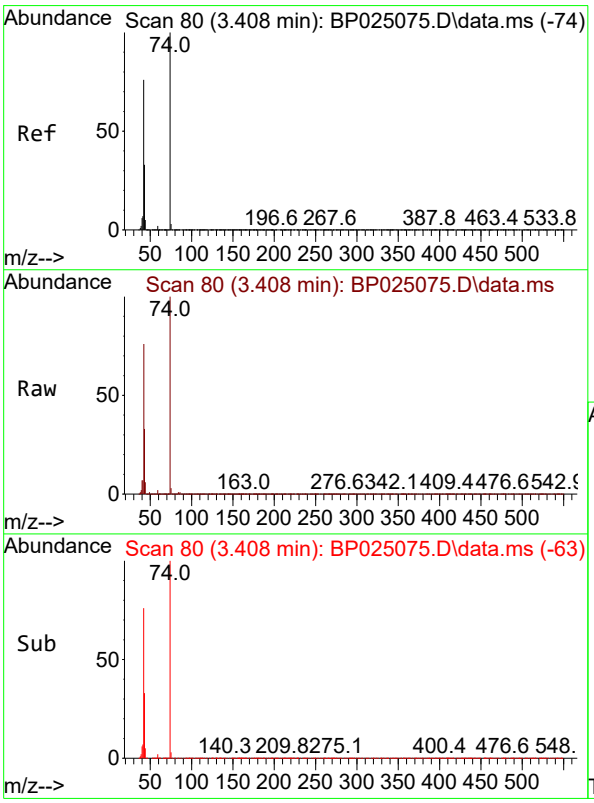
#3
Pyridine
Concen: 40.903 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 959760

Ion	Ratio	Lower	Upper
79	100		
52	65.3	52.2	78.4
51	33.5	26.8	40.2

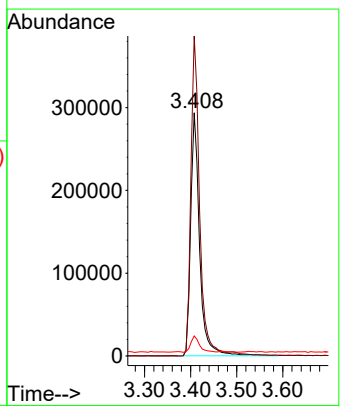


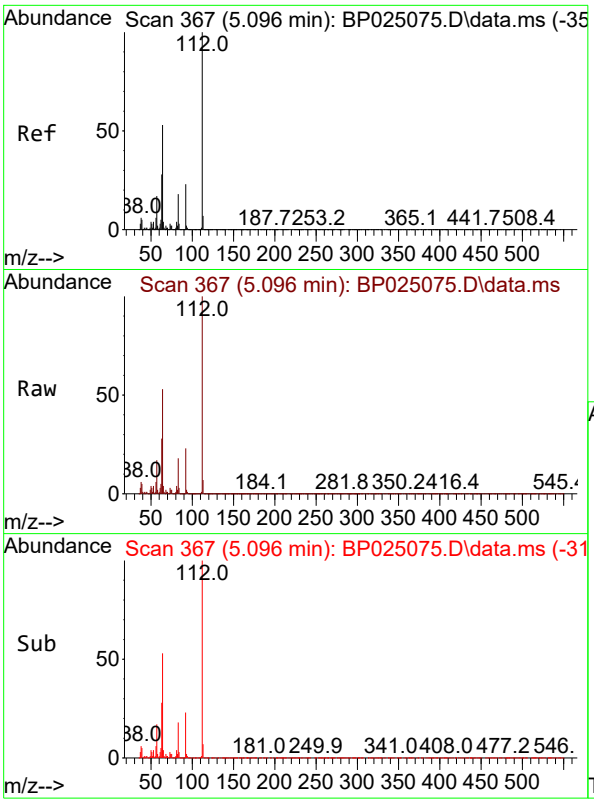


#4
n-Nitrosodimethylamine
Concen: 39.780 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 42 Resp: 395498

Ion	Ratio	Lower	Upper
42	100		
74	131.5	105.2	157.8
44	8.2	6.6	9.8



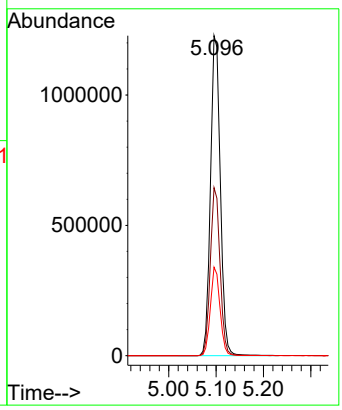


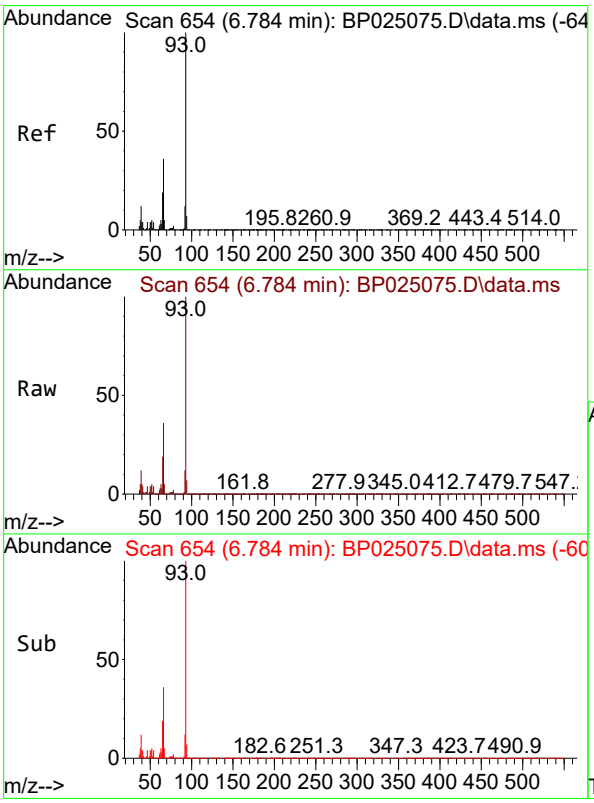
#5
2-Fluorophenol
Concen: 80.342 ng
RT: 5.096 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1772070

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.0	63.0
63	27.7	22.2	33.2

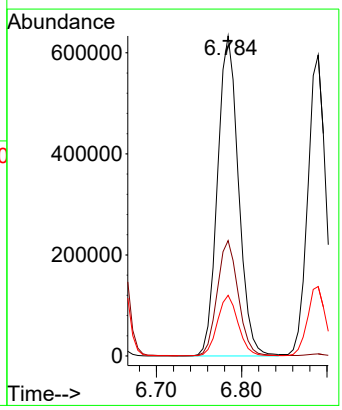


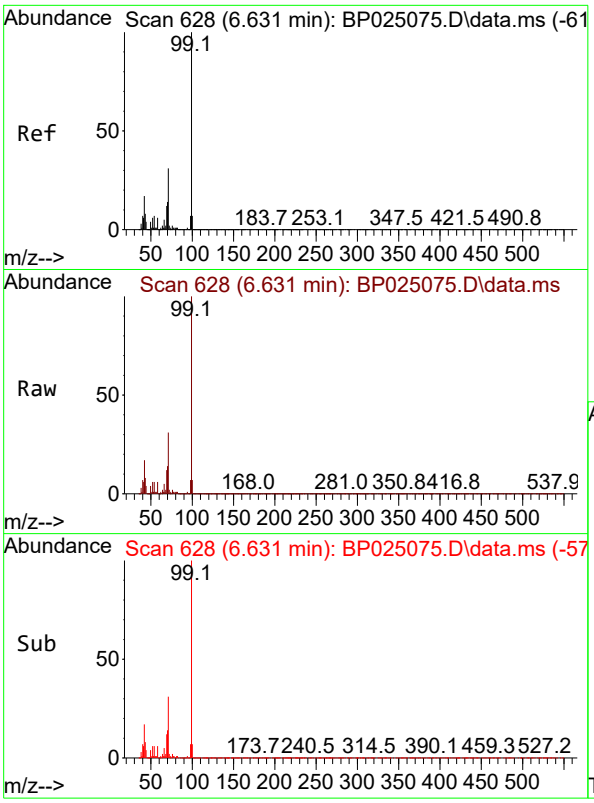


#6
Aniline
Concen: 40.335 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 93 Resp: 1084746

Ion	Ratio	Lower	Upper
93	100		
66	36.1	28.9	43.3
65	19.0	15.2	22.8



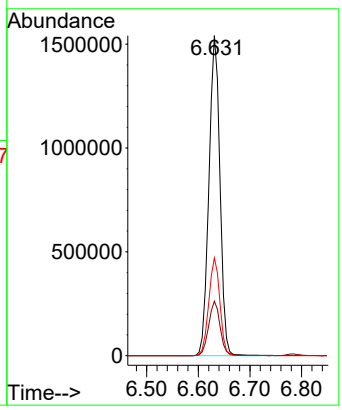


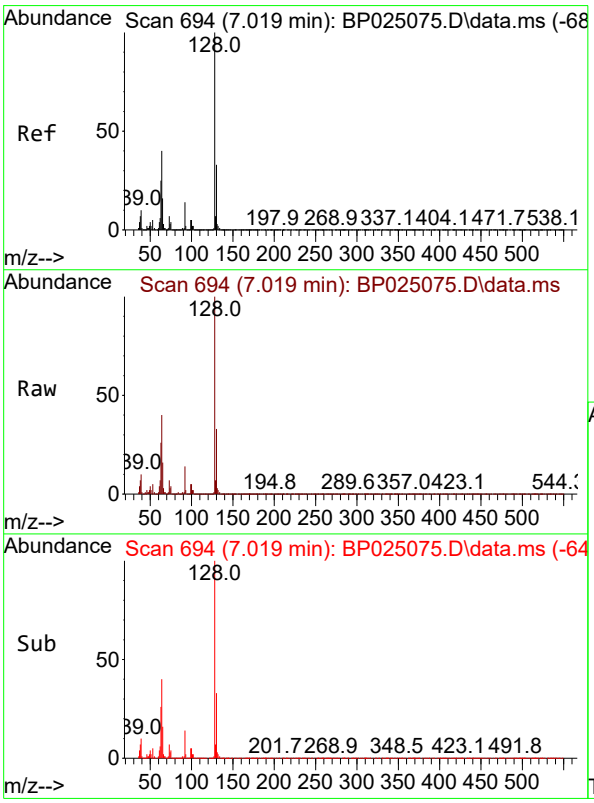
#7
Phenol-d6
Concen: 79.204 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 2279753

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	30.5	24.4	36.6

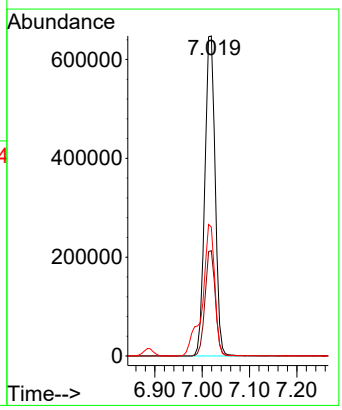


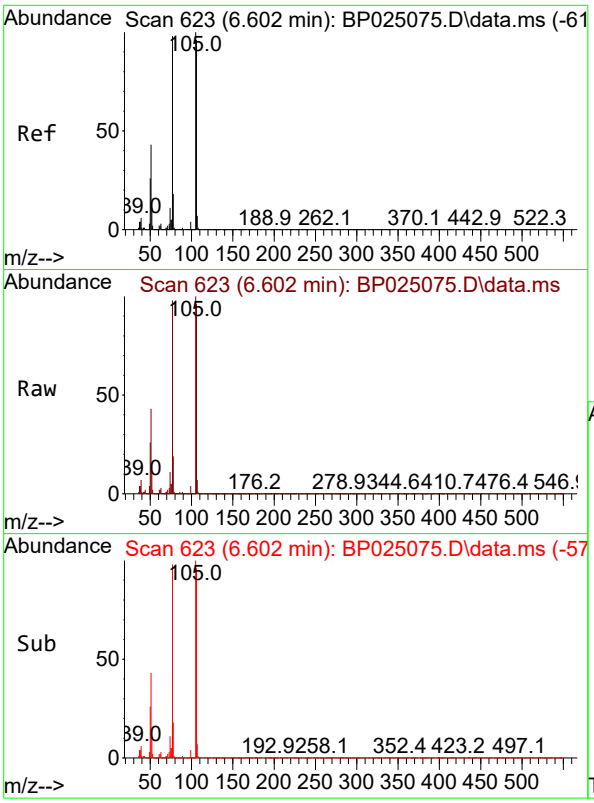


#8
2-Chlorophenol
Concen: 39.775 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:128 Resp: 981576

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	40.3	20.3	60.3



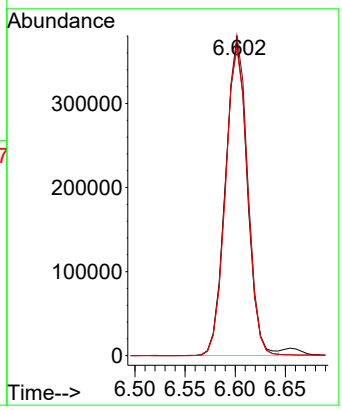


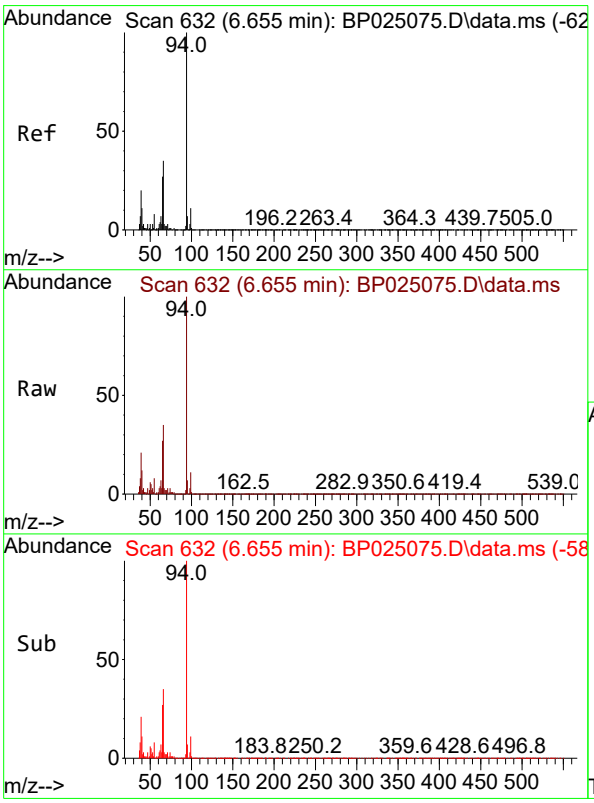
#9
Benzaldehyde
Concen: 37.634 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 565720

Ion	Ratio	Lower	Upper
77	100		
105	102.4	82.4	122.4
106	98.3	78.3	118.3

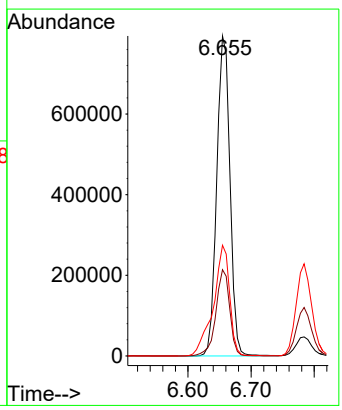


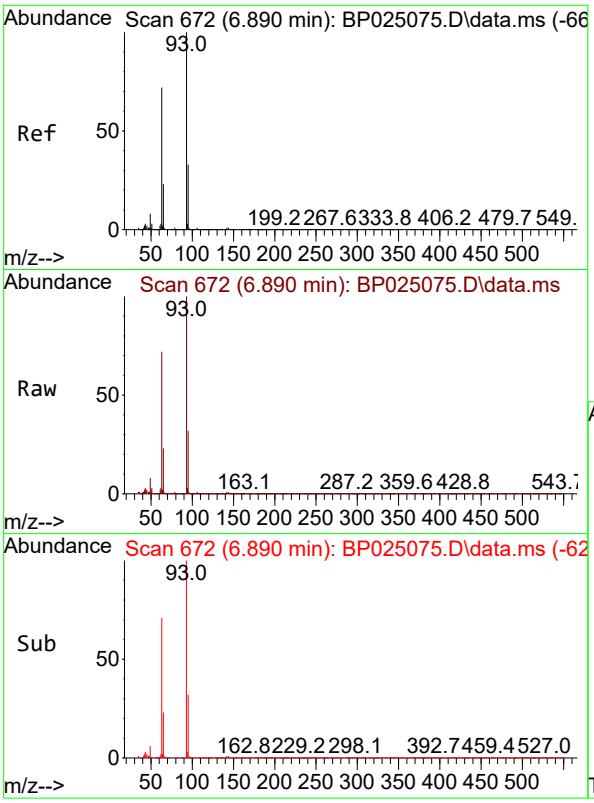


#10
Phenol
Concen: 39.348 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 94 Resp: 1150792

Ion	Ratio	Lower	Upper
94	100		
65	26.9	6.9	46.9
66	34.6	14.6	54.6



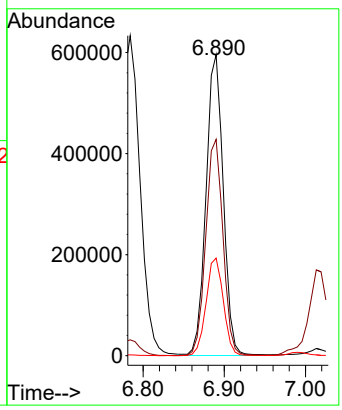


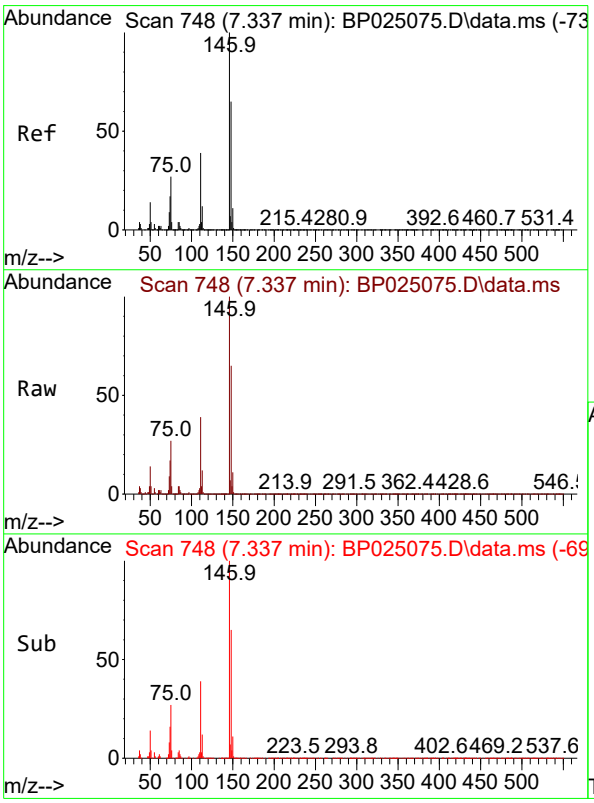
#11
bis(2-Chloroethyl)ether
Concen: 38.958 ng
RT: 6.890 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 876880

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	32.4	12.4	52.4

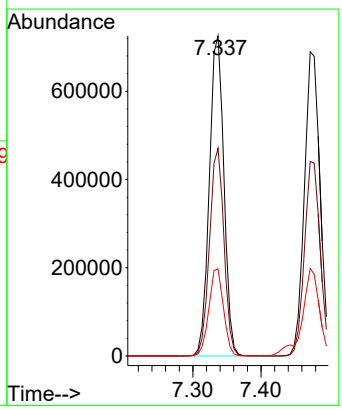


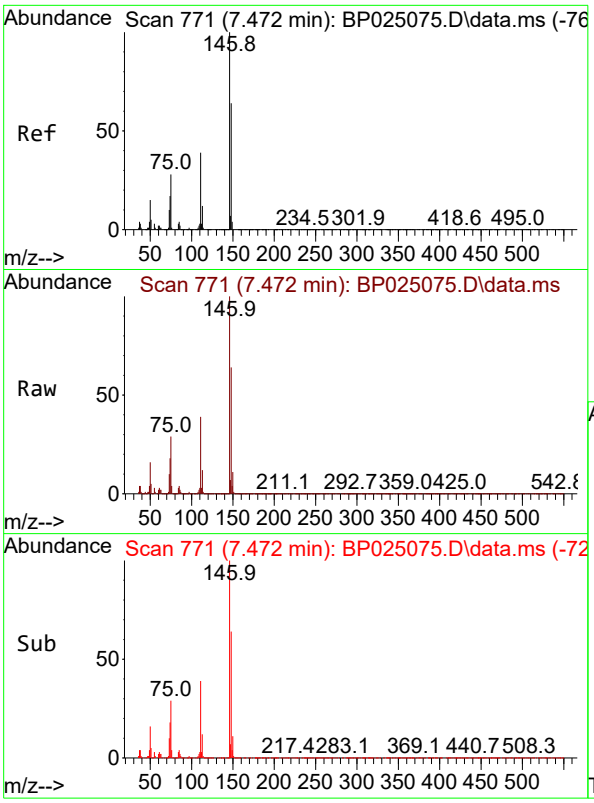


#12
1,3-Dichlorobenzene
Concen: 39.020 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:146 Resp: 1077716

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	27.2	21.8	32.6



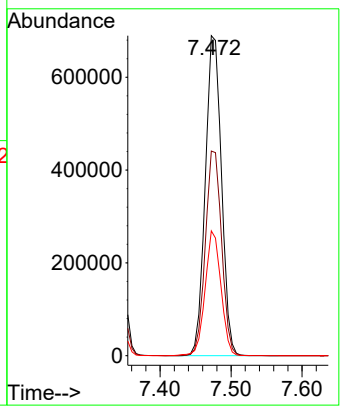


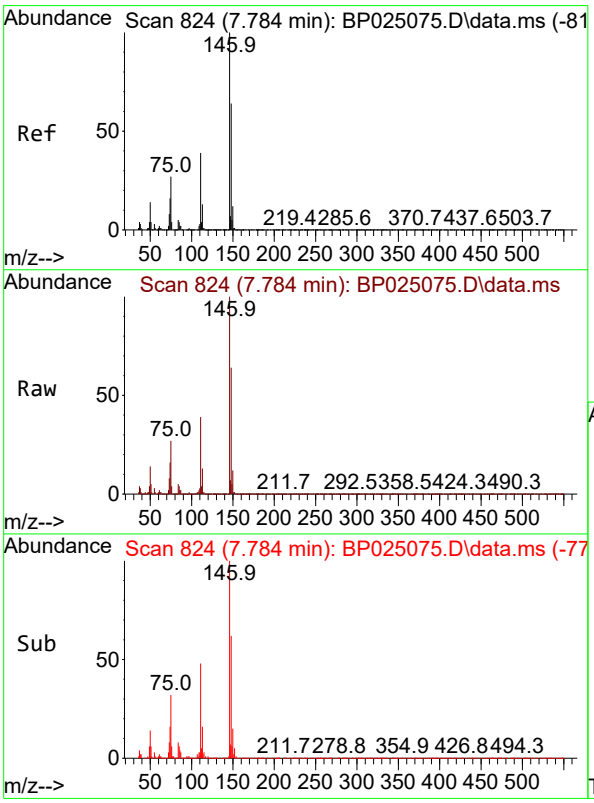
#13
1,4-Dichlorobenzene
Concen: 39.109 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 1093628

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	39.0	31.2	46.8

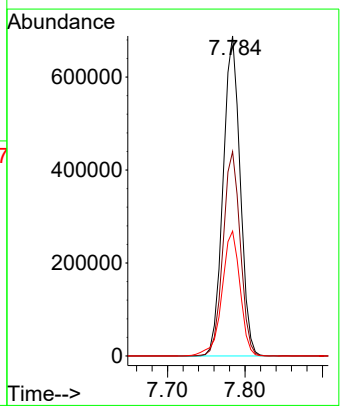


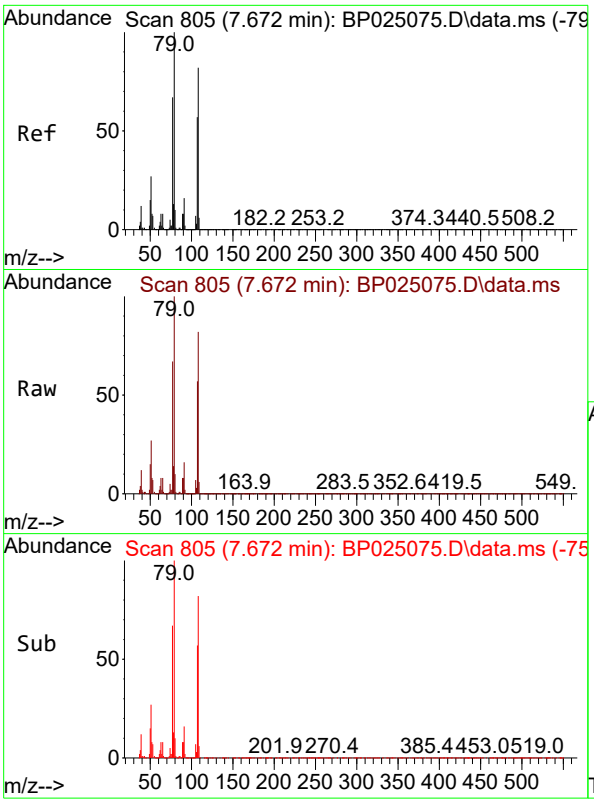


#14
1,2-Dichlorobenzene
Concen: 39.206 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:146 Resp: 1054645

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	39.0	31.2	46.8



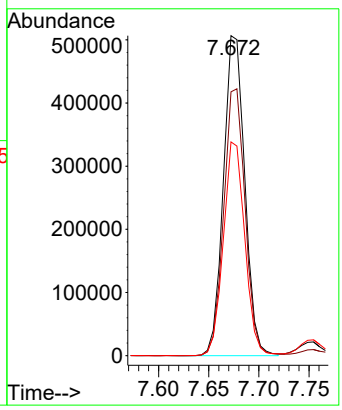


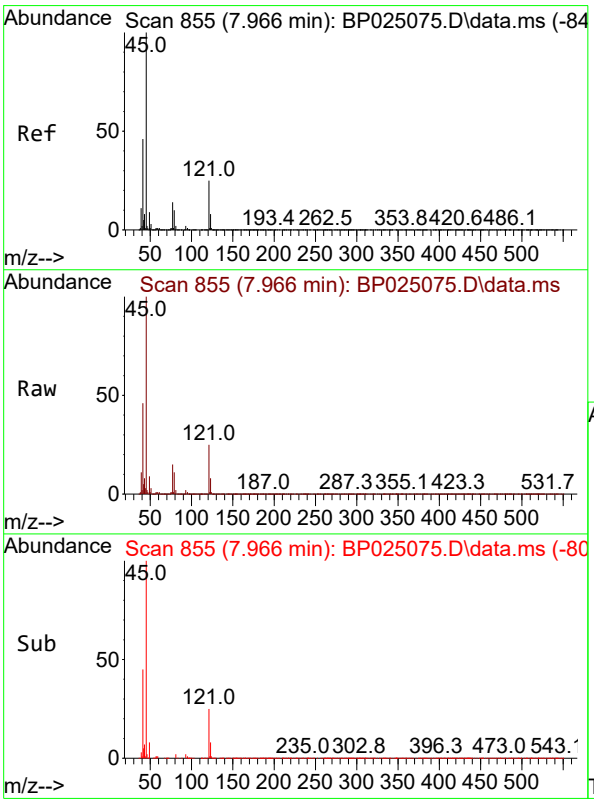
#15
Benzyl Alcohol
Concen: 38.947 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 748226

Ion	Ratio	Lower	Upper
79	100		
108	82.5	66.0	99.0
77	66.8	53.4	80.2

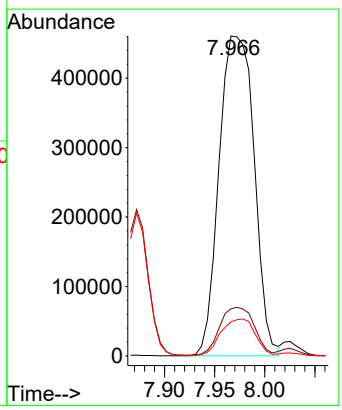


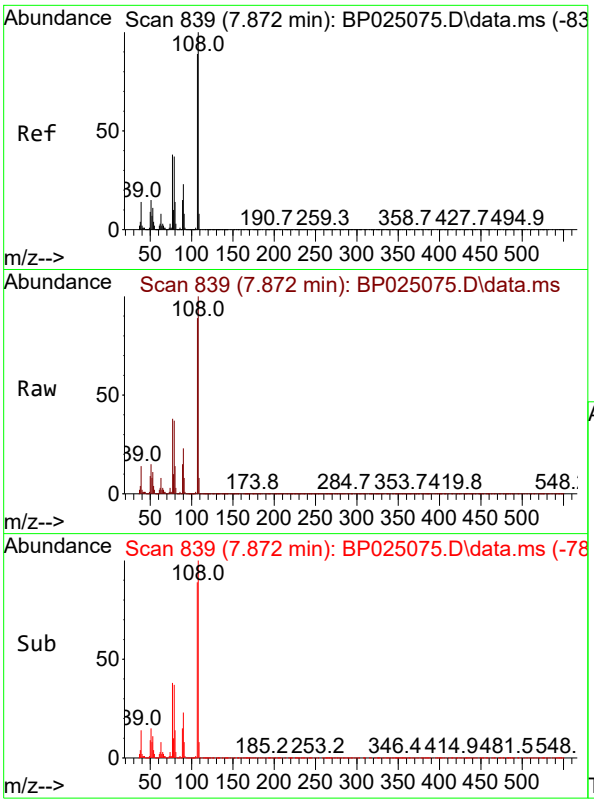


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.282 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 45 Resp: 1120385

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.8
79	10.7	0.0	30.7



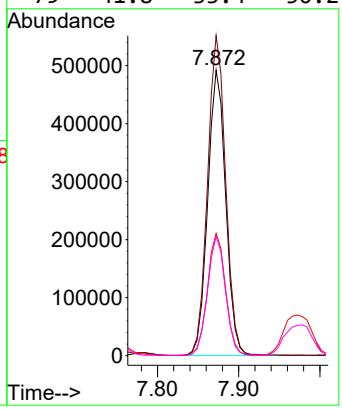


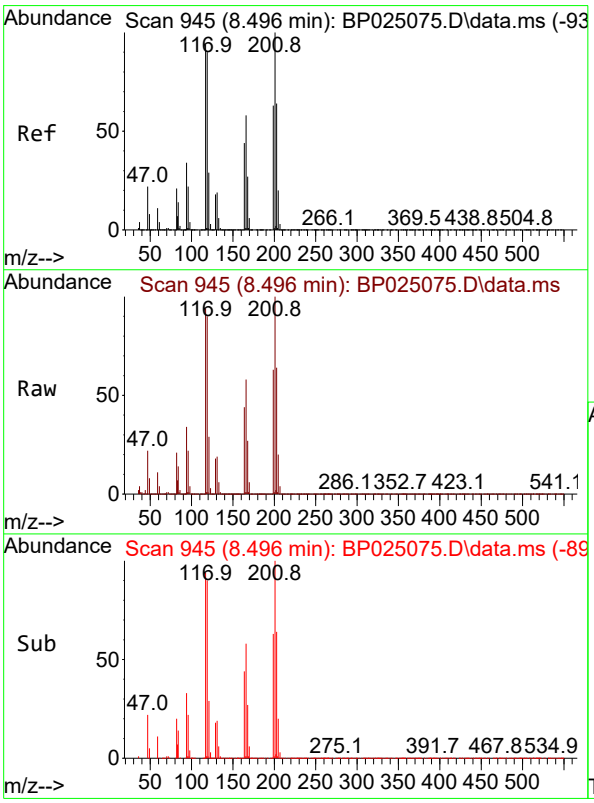
#17
2-Methylphenol
Concen: 40.195 ng
RT: 7.872 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 757253

Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.7	134.5
77	42.8	34.2	51.4
79	41.8	33.4	50.2

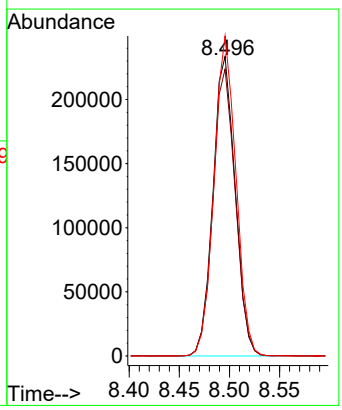


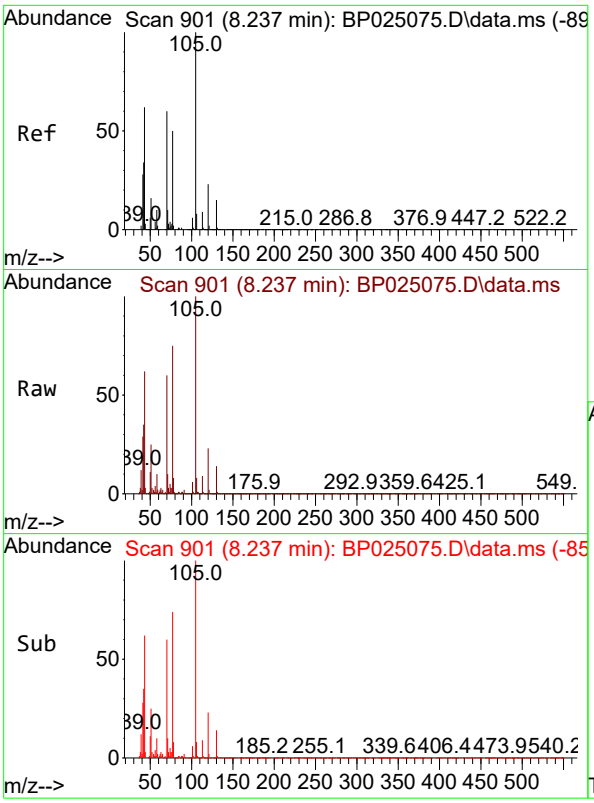


#18
Hexachloroethane
Concen: 39.510 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:117 Resp: 359924

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	106.8	85.4	128.2



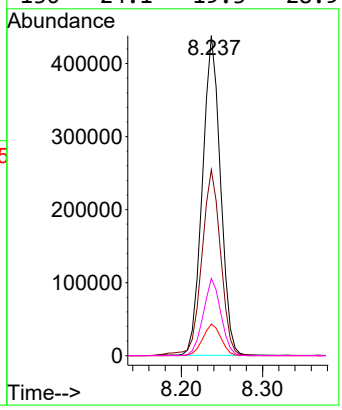


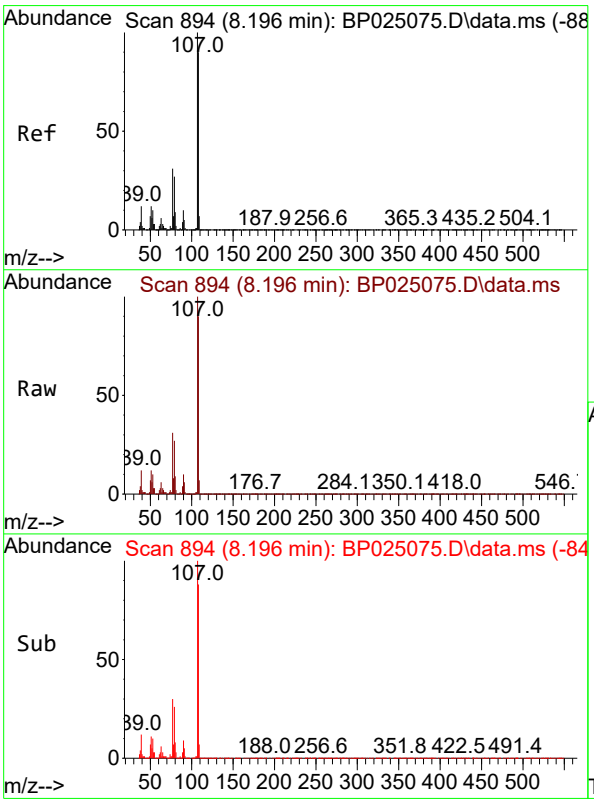
#19
n-Nitroso-di-n-propylamine
Concen: 39.605 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 676070

Ion	Ratio	Lower	Upper
70	100		
42	58.1	46.5	69.7
101	9.9	7.9	11.9
130	24.1	19.3	28.9

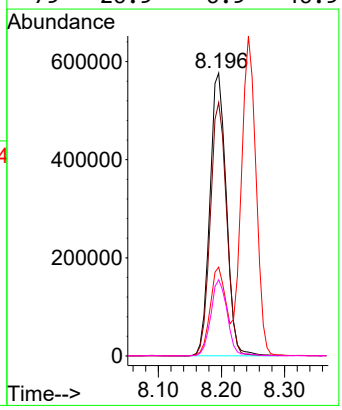


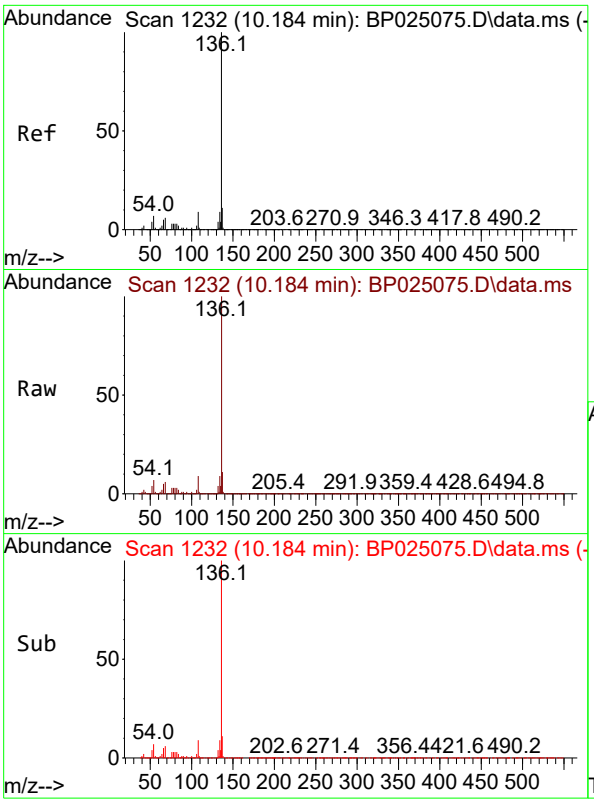


#20
3+4-Methylphenols
Concen: 39.511 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:107 Resp: 1042619

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.5	109.5
77	31.4	11.4	51.4
79	26.9	6.9	46.9



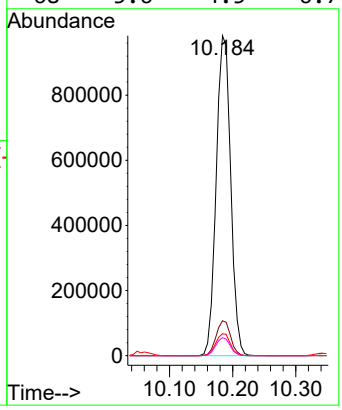


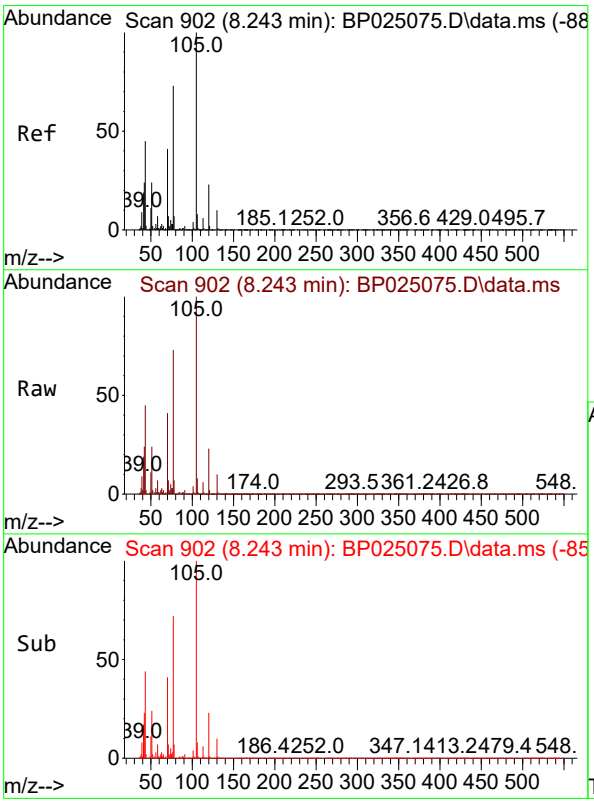
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 1560152

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.4	8.2
68	5.6	4.5	6.7

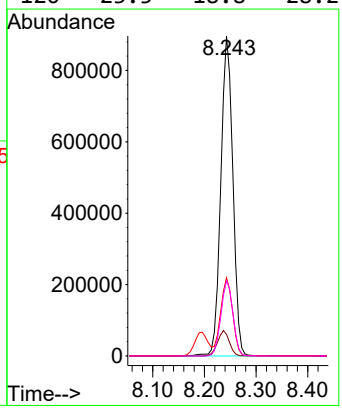


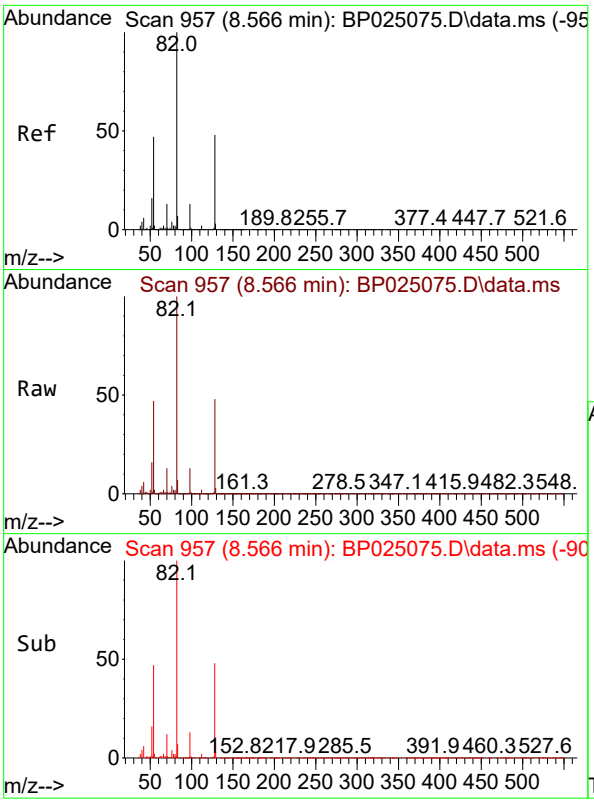


#22
Acetophenone
Concen: 39.332 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:105 Resp: 1451215

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.4	8.2
51	24.5	19.6	29.4
120	23.5	18.8	28.2



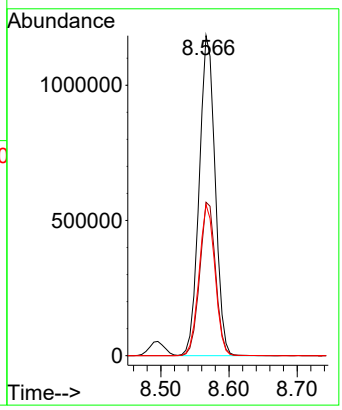


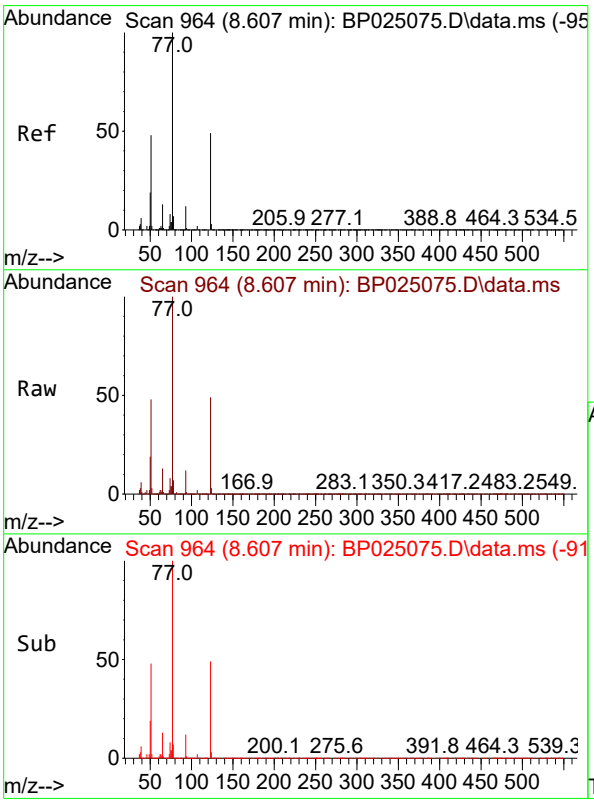
#23
Nitrobenzene-d5
Concen: 81.616 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1914639

Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.4	57.6
54	47.2	37.8	56.6

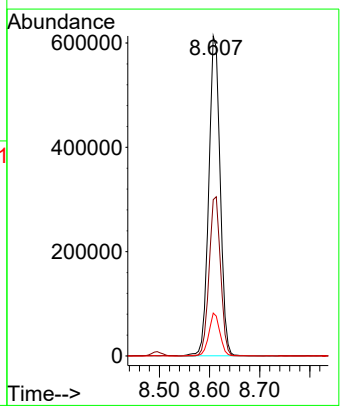


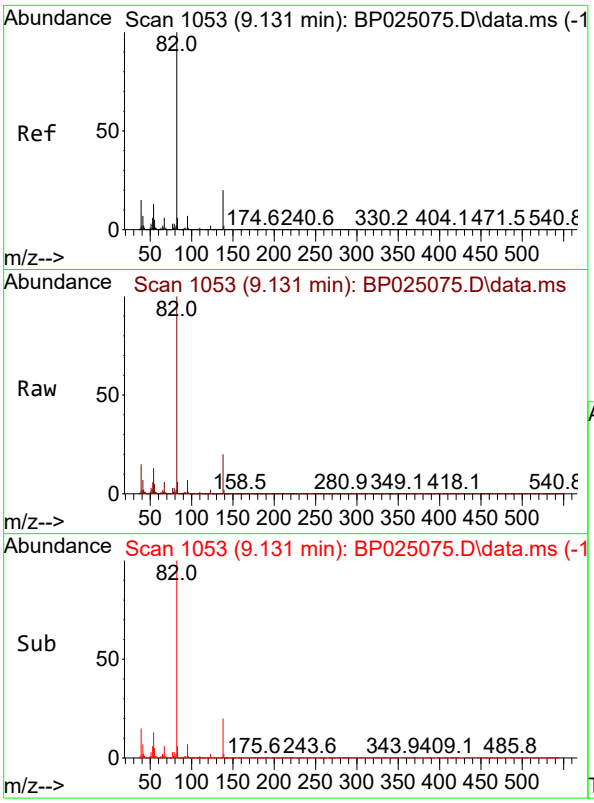


#24
Nitrobenzene
Concen: 40.457 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 77 Resp: 966724

Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.0	58.6
65	13.4	10.7	16.1



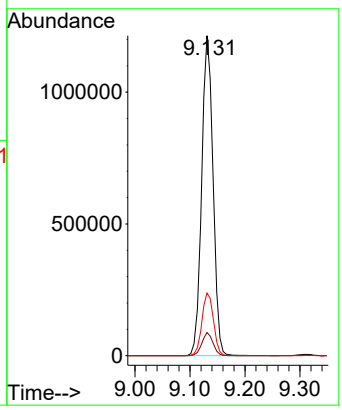


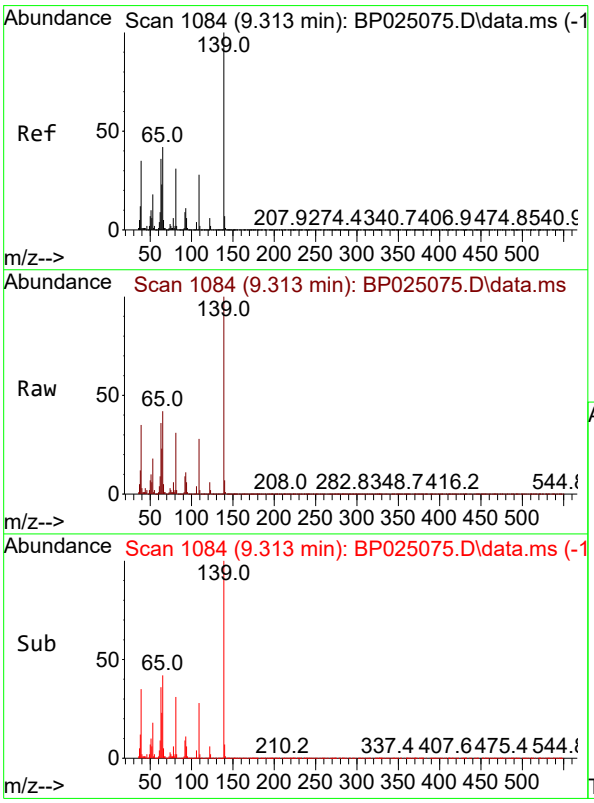
#25
Isophorone
Concen: 39.740 ng
RT: 9.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1742244

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	19.6	15.7	23.5

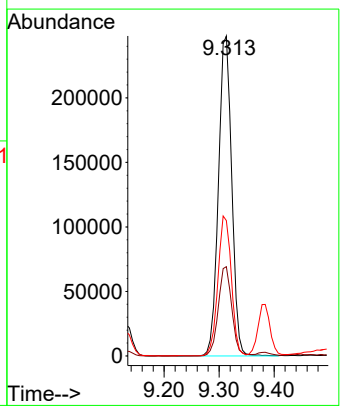


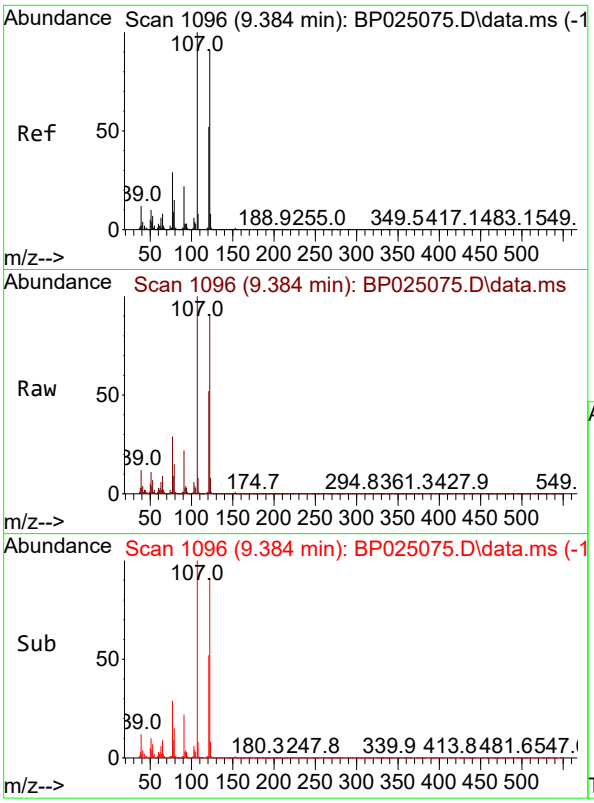


#26
2-Nitrophenol
Concen: 36.734 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:139 Resp: 416304

Ion	Ratio	Lower	Upper
139	100		
109	27.9	22.3	33.5
65	42.3	33.8	50.8



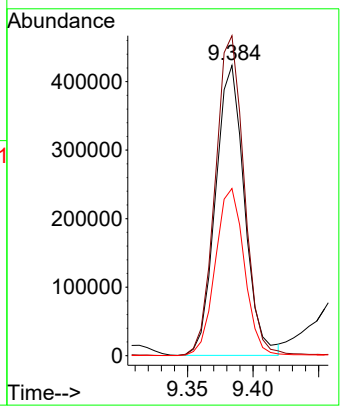


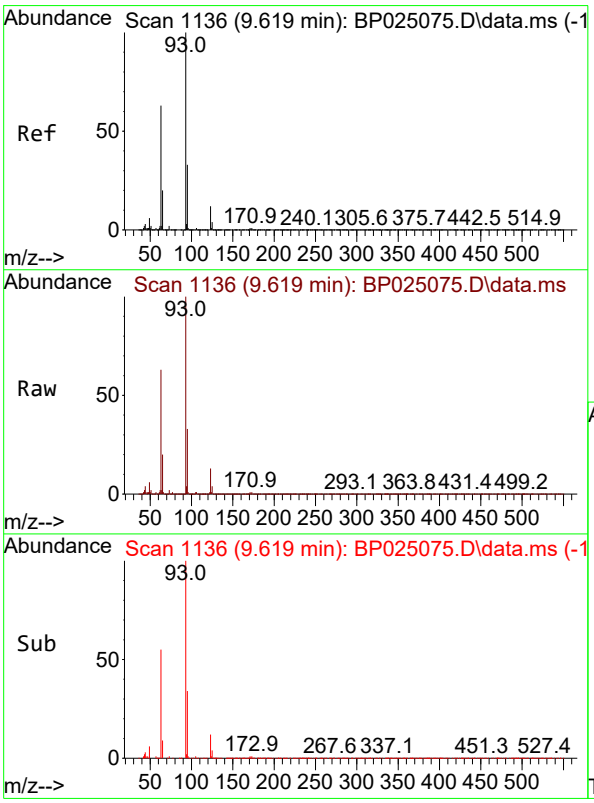
#27
2,4-Dimethylphenol
Concen: 39.698 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 649221

Ion	Ratio	Lower	Upper
122	100		
107	110.2	88.2	132.2
121	57.6	46.1	69.1

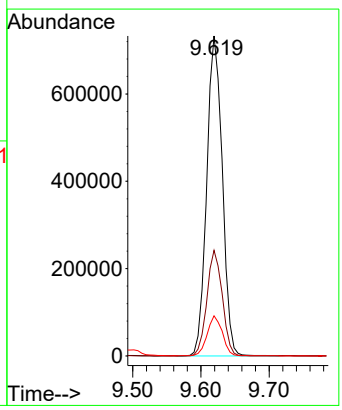


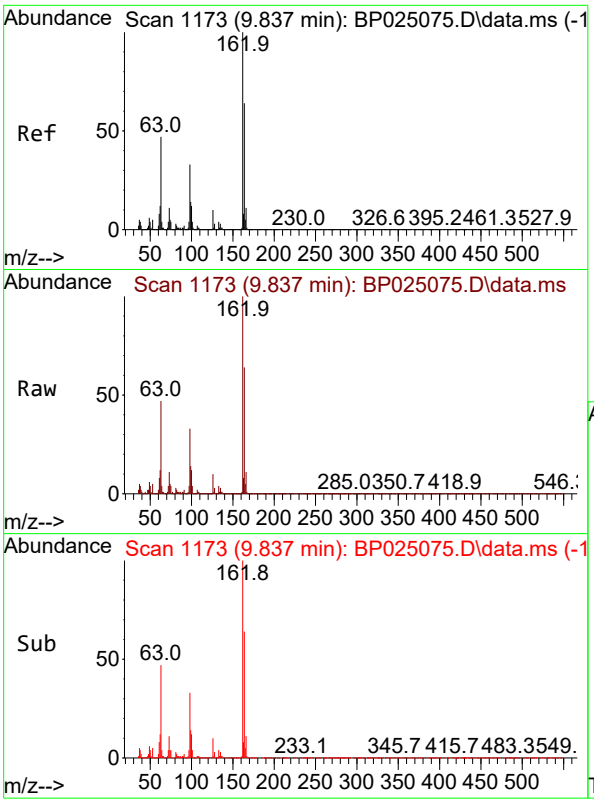


#28
bis(2-Chloroethoxy)methane
Concen: 39.172 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 93 Resp: 1166063

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.6	10.1	15.1



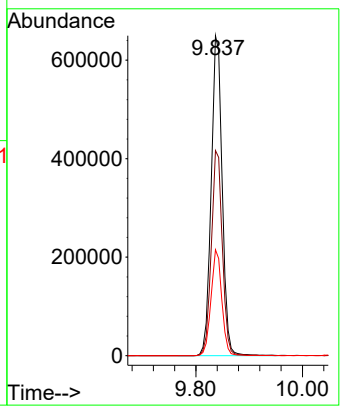


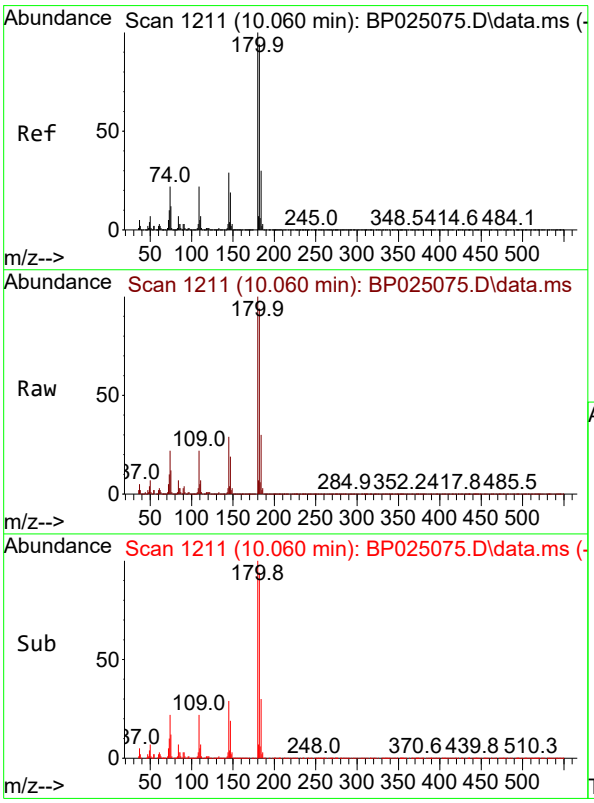
#29
2,4-Dichlorophenol
Concen: 41.124 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 932551

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.1	84.1
98	33.1	13.1	53.1

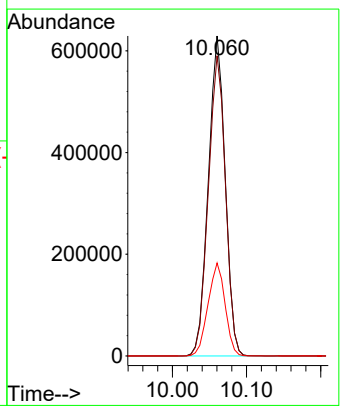


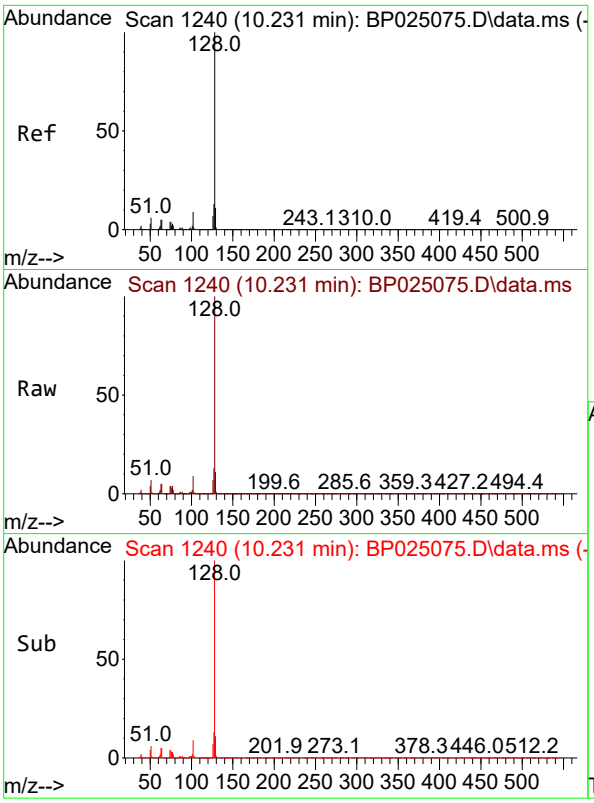


#30
1,2,4-Trichlorobenzene
Concen: 39.625 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:180 Resp: 995067

Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.1	112.7
145	29.1	23.3	34.9



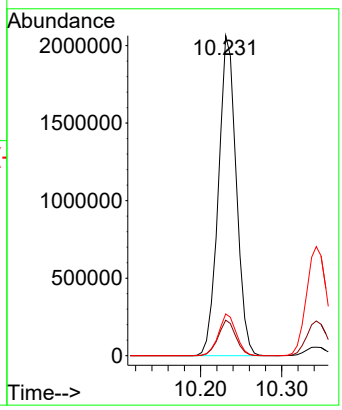


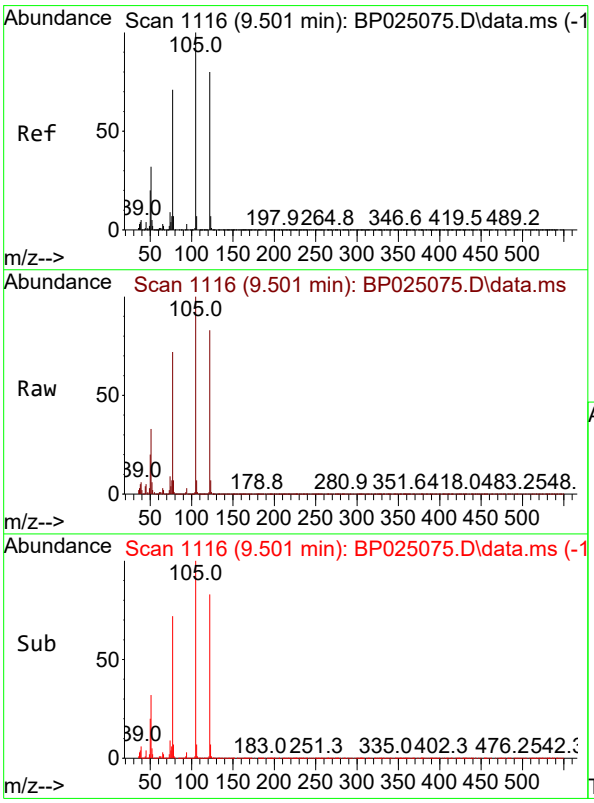
#31
Naphthalene
Concen: 39.276 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 3155257

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.0	10.4	15.6

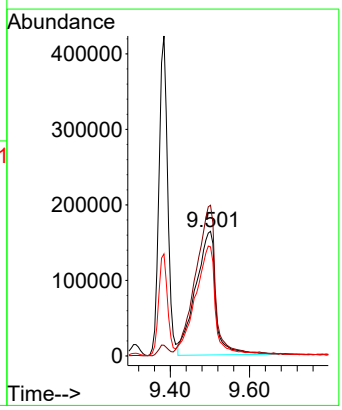


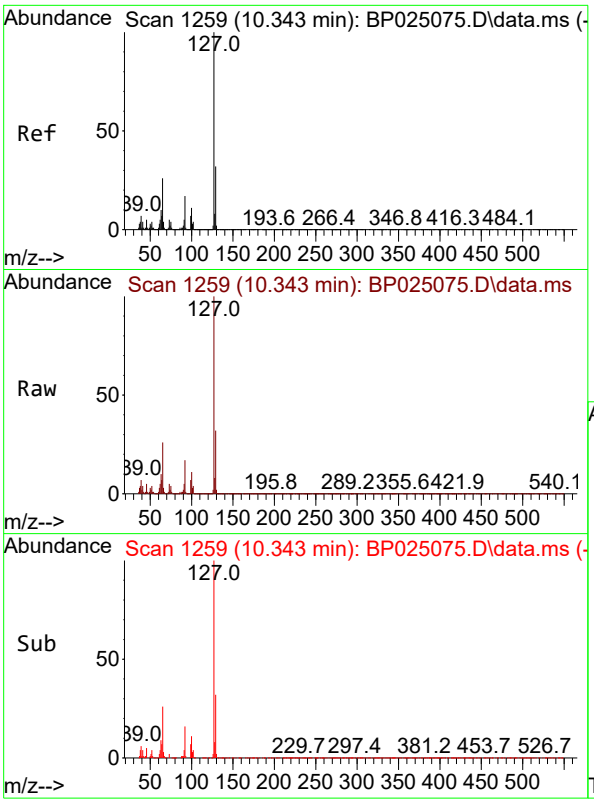


#32
Benzoic acid
Concen: 38.533 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:122 Resp: 581334

Ion	Ratio	Lower	Upper
122	100		
105	121.0	101.0	141.0
77	87.6	67.6	107.6



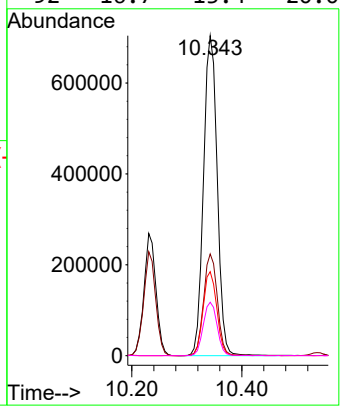


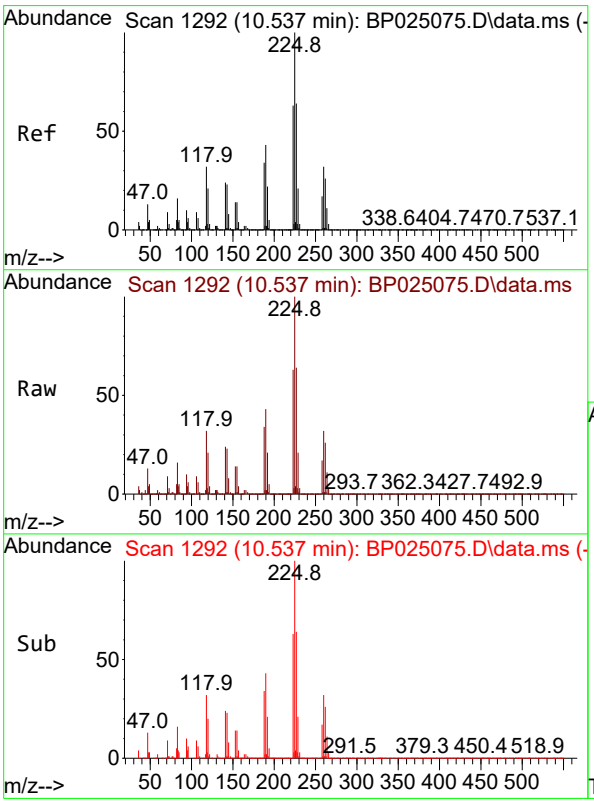
#33
4-Chloroaniline
Concen: 40.595 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 1217057

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	26.3	21.0	31.6
92	16.7	13.4	20.0

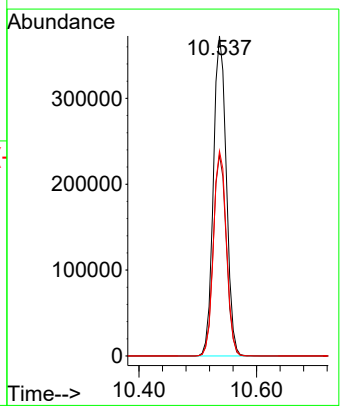


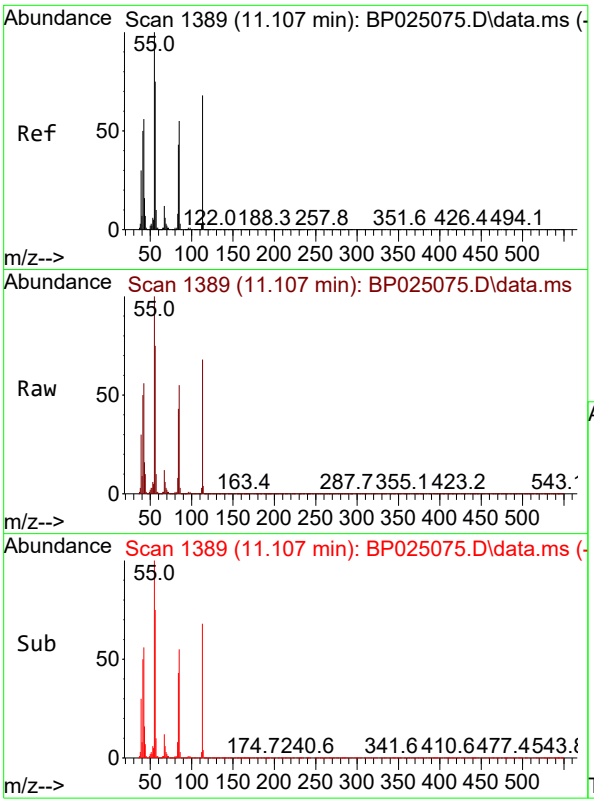


#34
Hexachlorobutadiene
Concen: 39.409 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:225 Resp: 567921

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	64.1	51.3	76.9



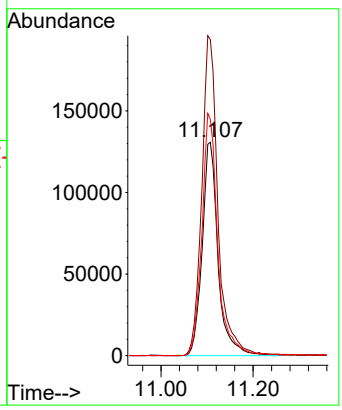


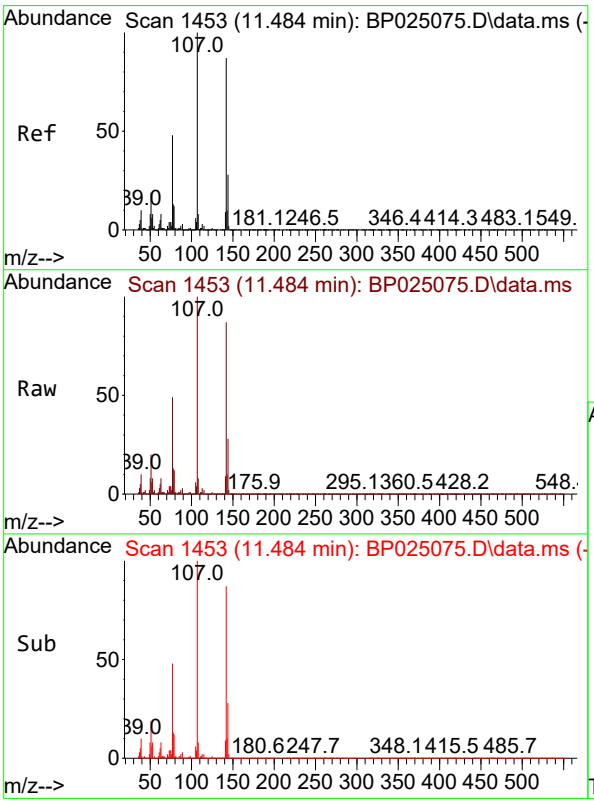
#35
Caprolactam
Concen: 40.469 ng
RT: 11.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 313947

Ion	Ratio	Lower	Upper
113	100		
55	148.1	128.1	168.1
56	110.7	90.7	130.7

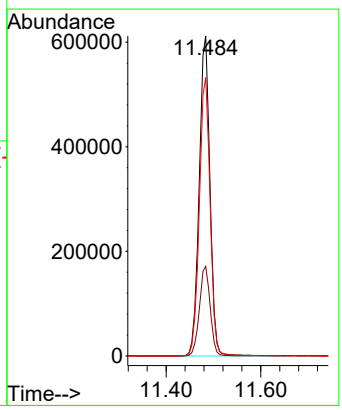


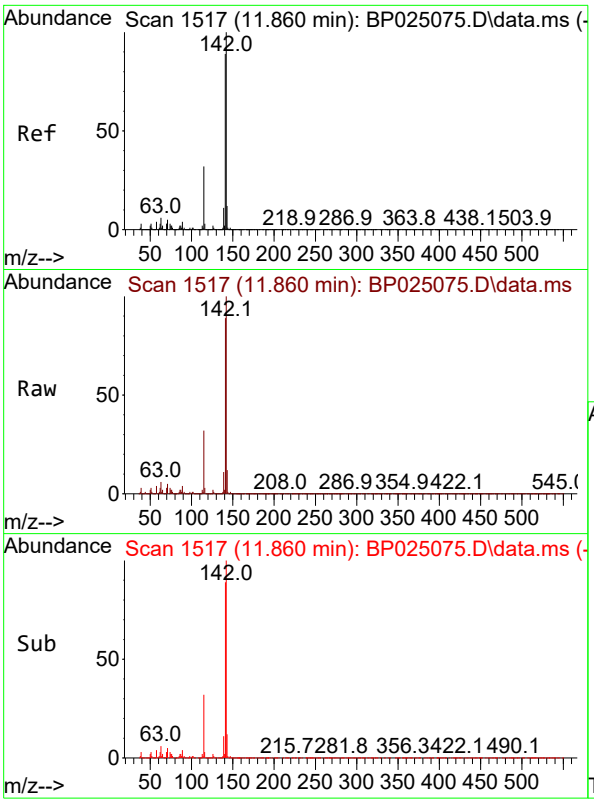


#36
4-Chloro-3-methylphenol
Concen: 40.733 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:107 Resp: 965263

Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.4	33.6
142	87.0	69.6	104.4



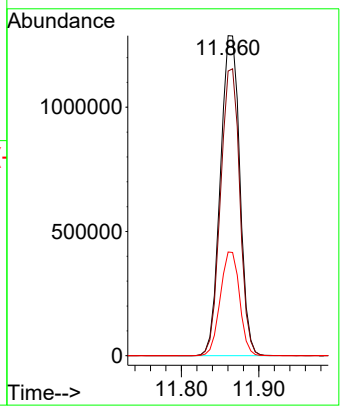


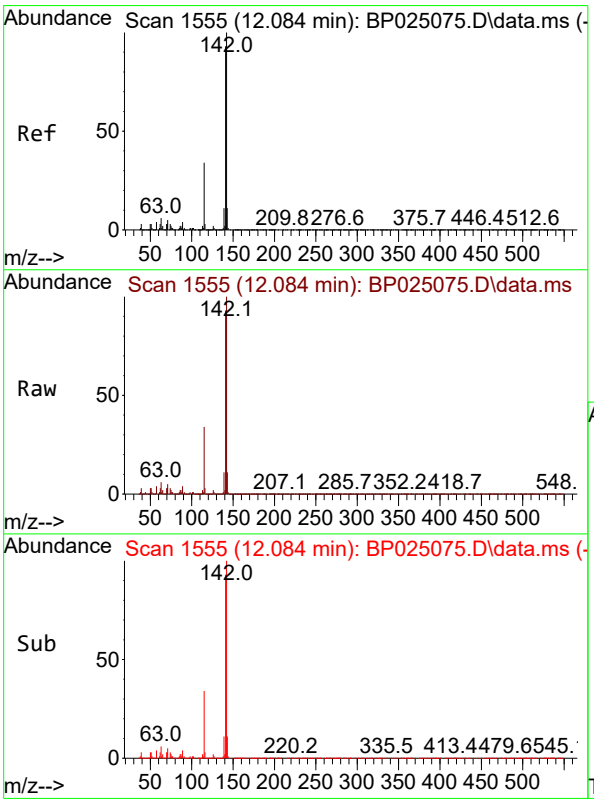
#37
2-Methylnaphthalene
Concen: 39.530 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 2240648

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	32.4	25.9	38.9

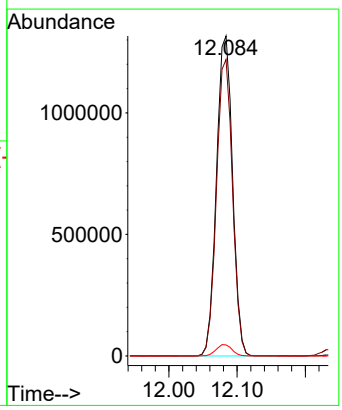


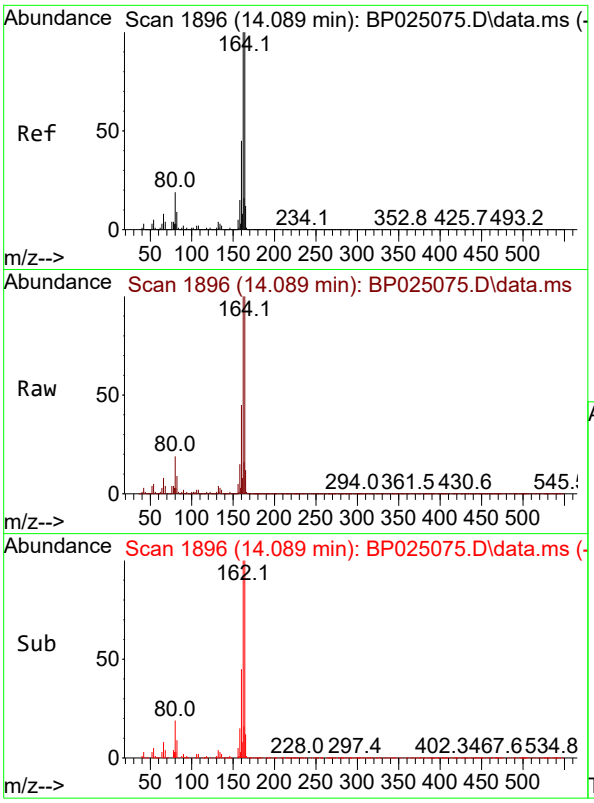


#38
1-Methylnaphthalene
Concen: 39.054 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:142 Resp: 2158945

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.1	111.1
116	3.4	2.7	4.1



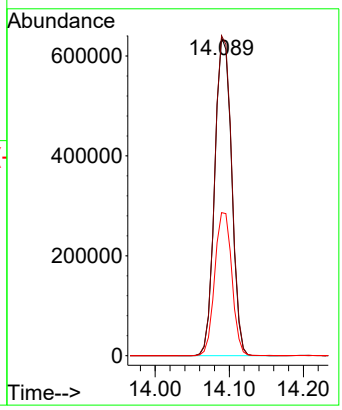


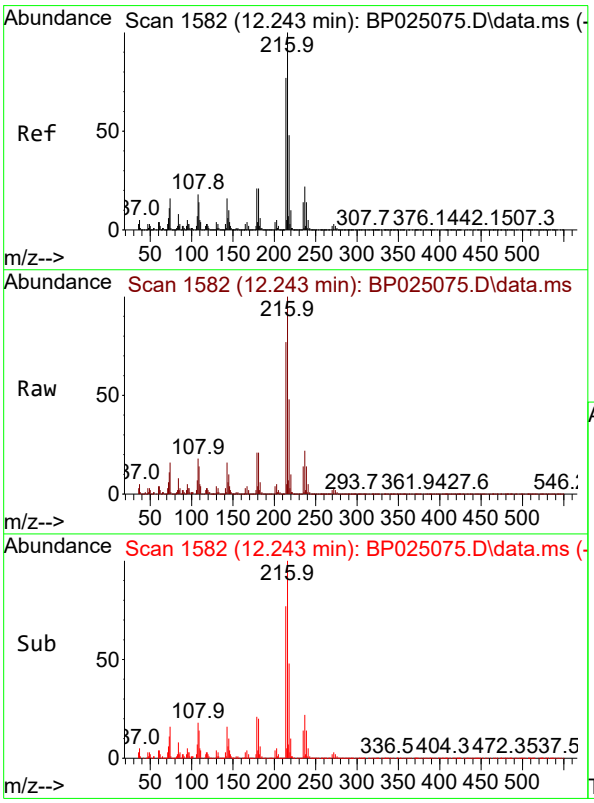
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 1003103

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.3	120.5
160	44.9	35.9	53.9

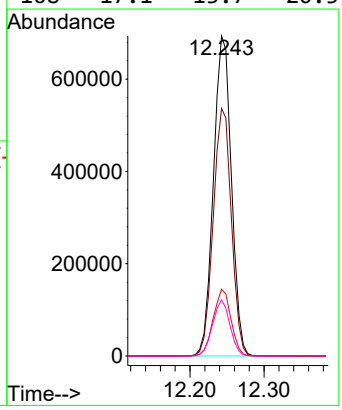


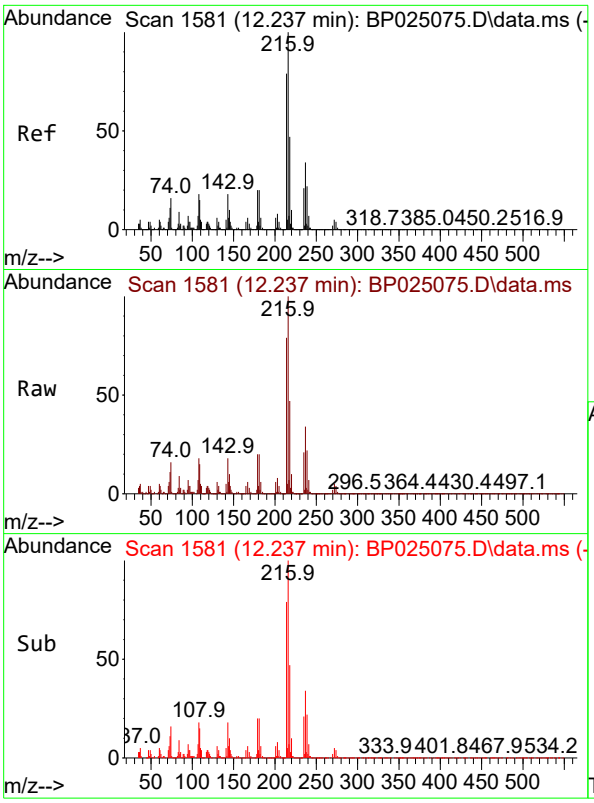


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.396 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:216 Resp: 1164588

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	20.6	16.5	24.7
108	17.1	13.7	20.5



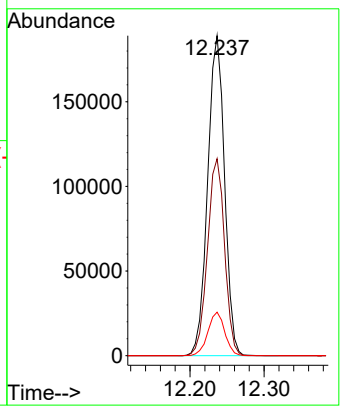


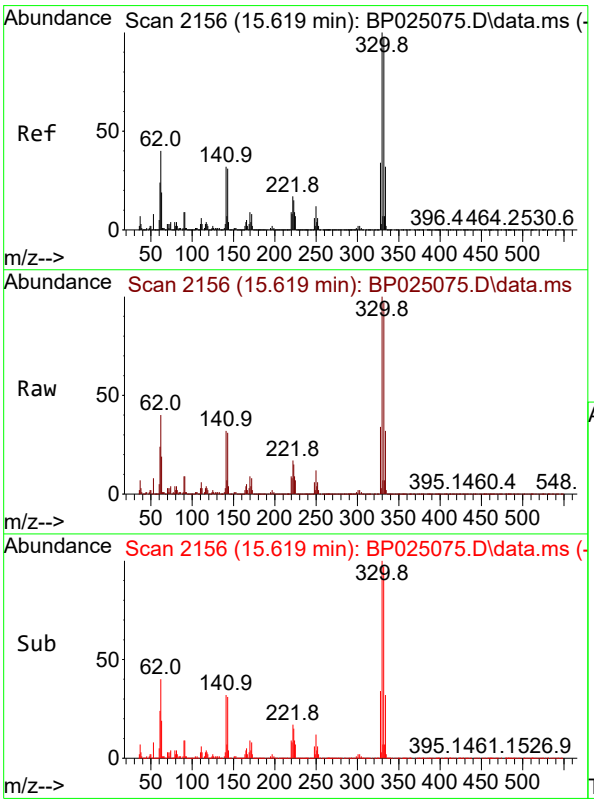
#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 298913

Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.6	81.6
272	13.6	0.0	33.6

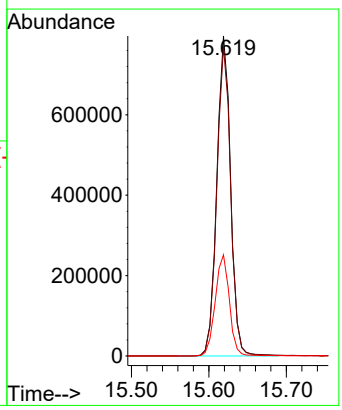


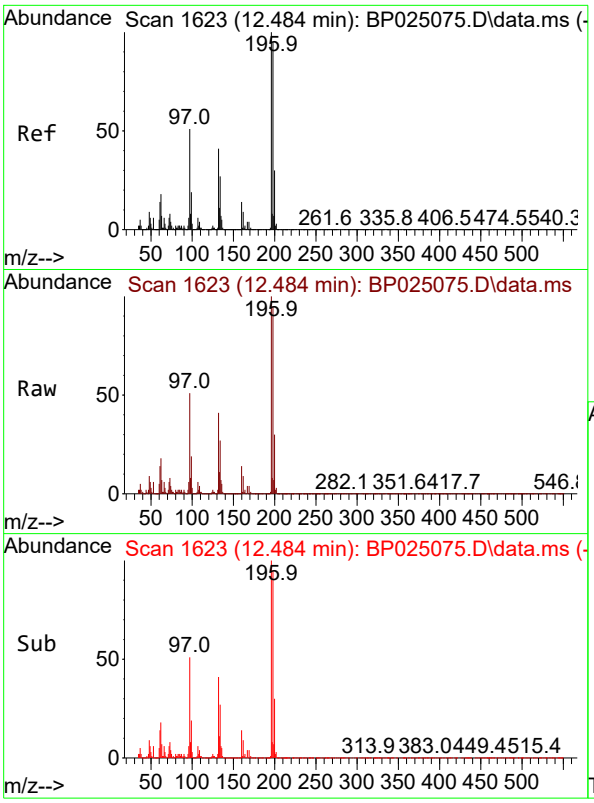


#42
2,4,6-Tribromophenol
Concen: 83.301 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:330 Resp: 987112

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	32.5	26.0	39.0



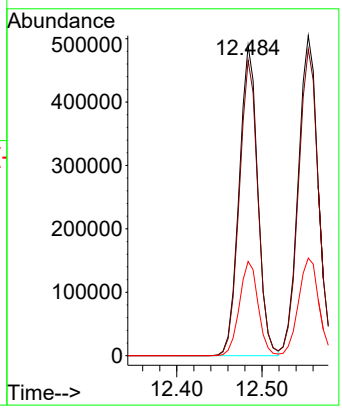


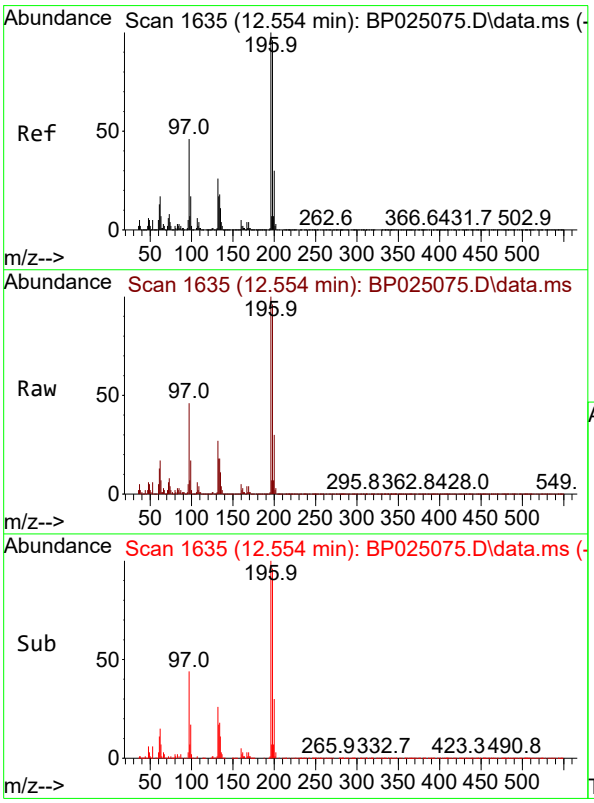
#43
2,4,6-Trichlorophenol
Concen: 42.497 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 741839

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.4	24.3	36.5

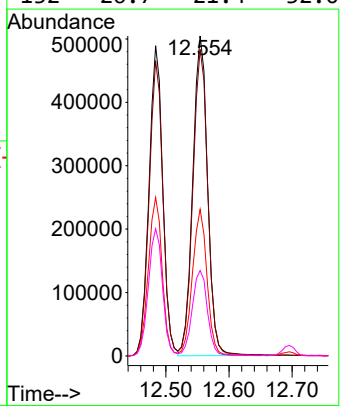


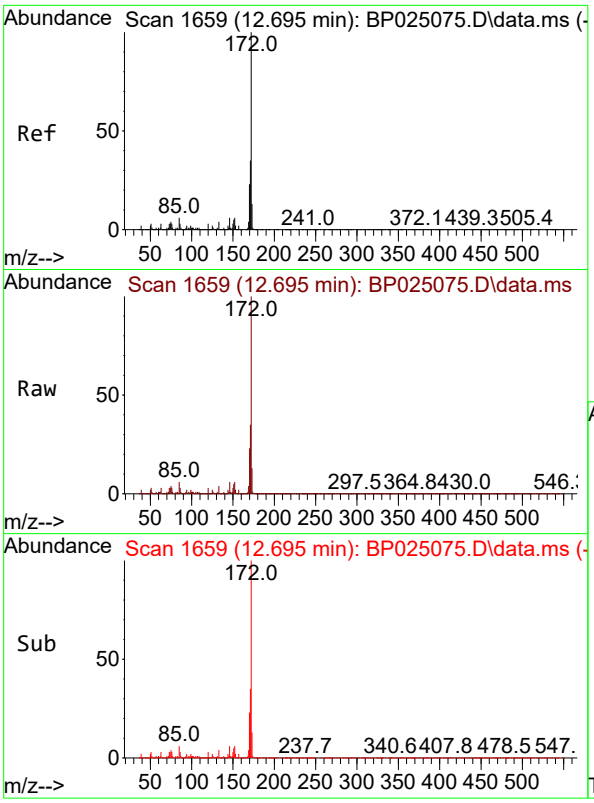


#44
2,4,5-Trichlorophenol
Concen: 41.668 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:196 Resp: 824324

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
97	45.8	36.6	55.0
132	26.7	21.4	32.0



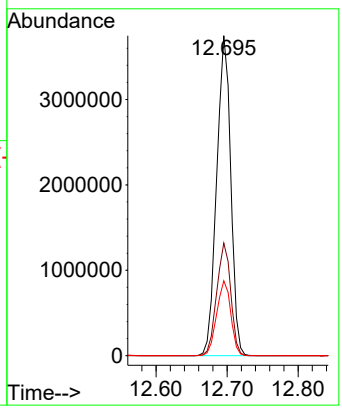


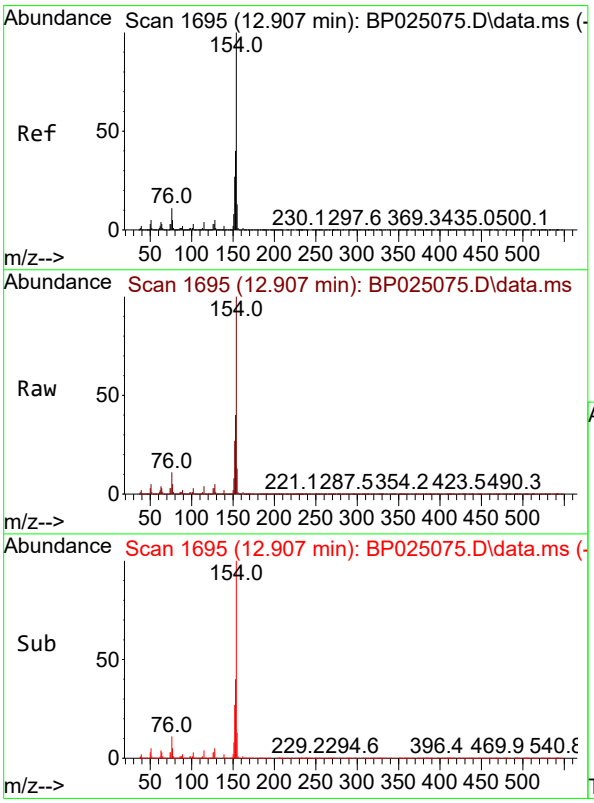
#45
2-Fluorobiphenyl
Concen: 79.265 ng
RT: 12.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 5132522

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.4	18.7	28.1

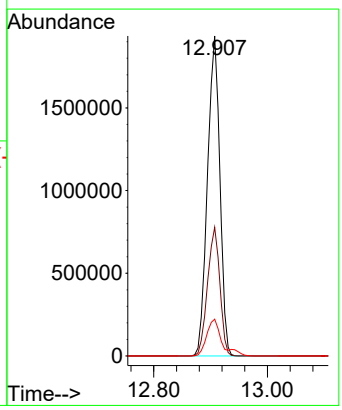


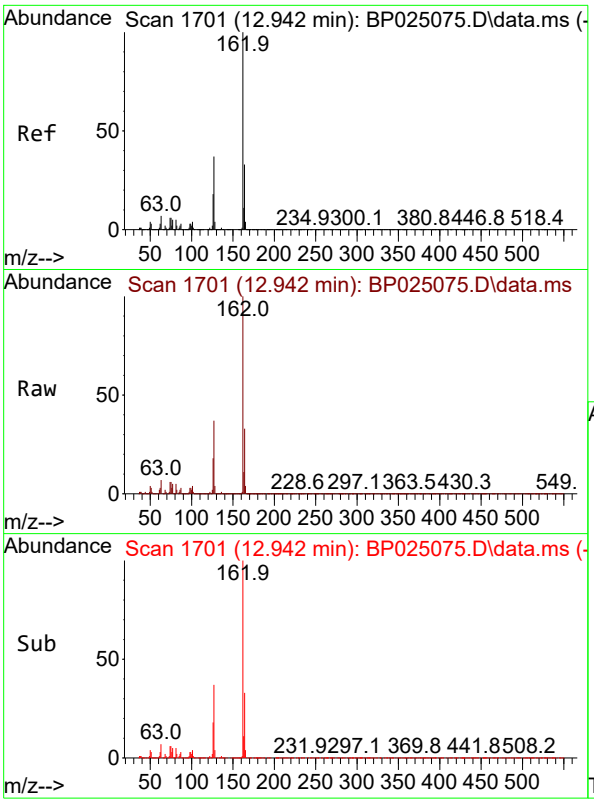


#46
1,1'-Biphenyl
Concen: 39.957 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:154 Resp: 2916222

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	11.5	0.0	31.5



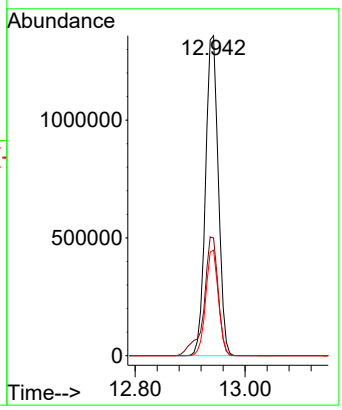


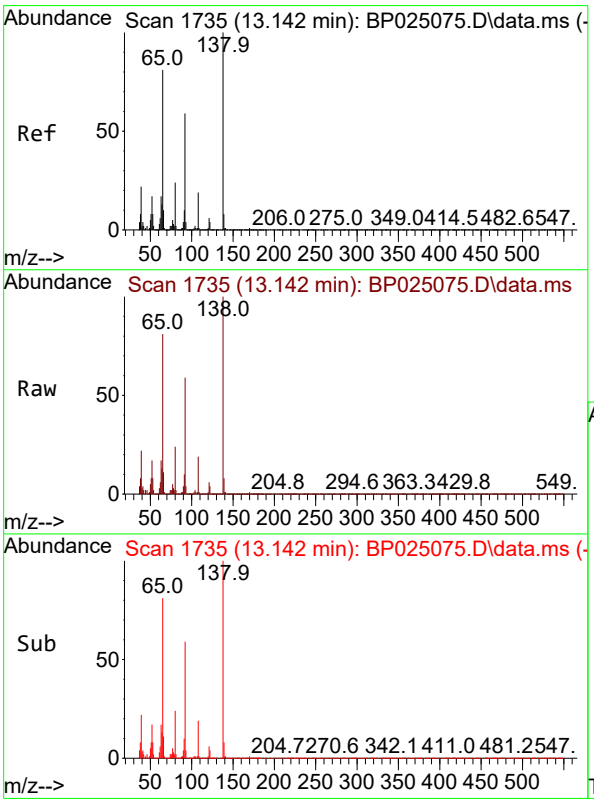
#47
2-Chloronaphthalene
Concen: 39.891 ng
RT: 12.942 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 2188234

Ion	Ratio	Lower	Upper
162	100		
127	36.8	29.4	44.2
164	33.0	26.4	39.6

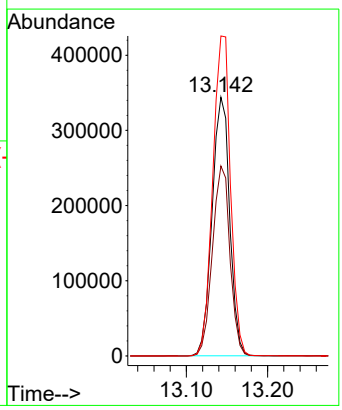


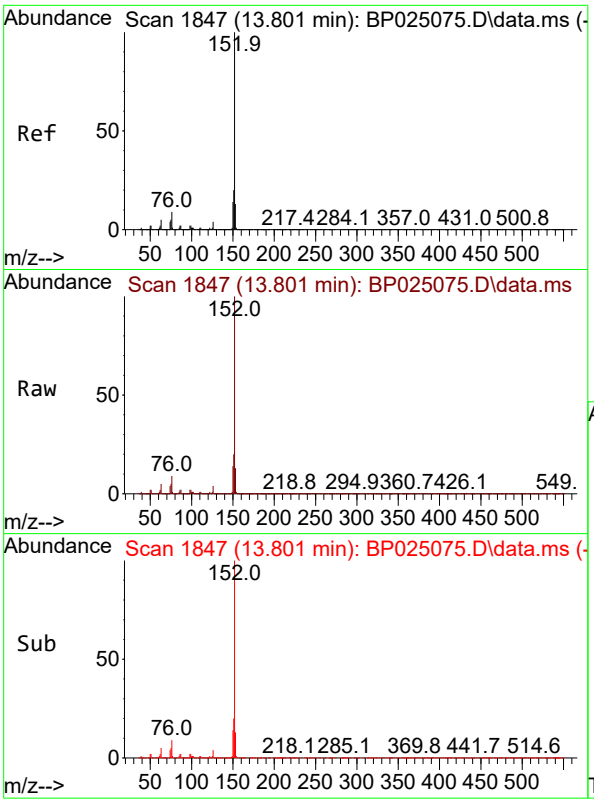


#48
2-Nitroaniline
Concen: 39.182 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 65 Resp: 519267

Ion	Ratio	Lower	Upper
65	100		
92	73.4	58.7	88.1
138	123.7	99.0	148.4



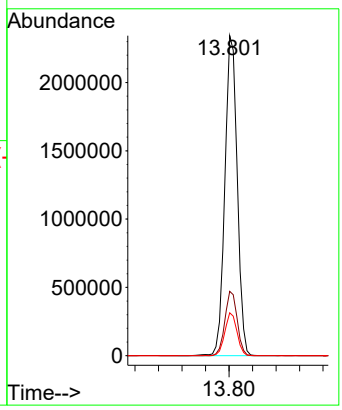


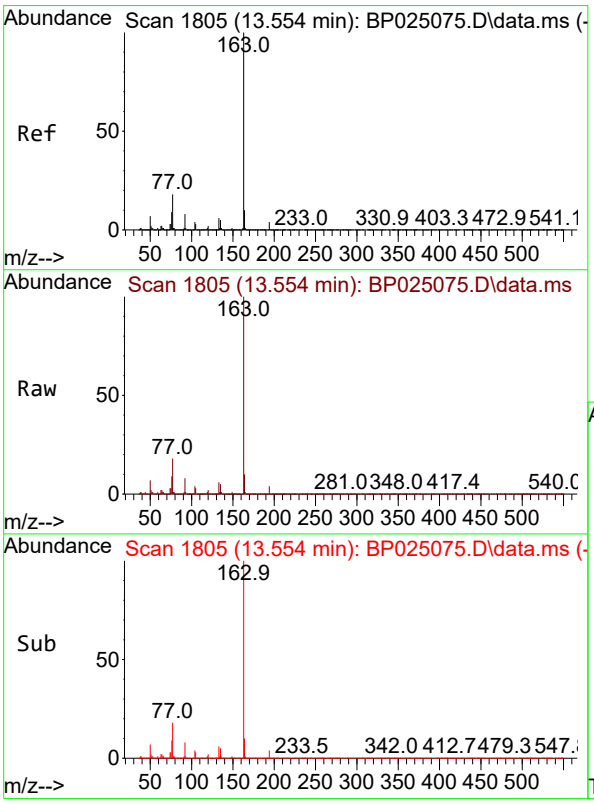
#49
Acenaphthylene
Concen: 40.657 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 3413485

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.4	10.7	16.1

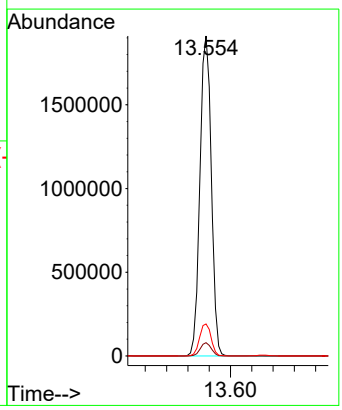


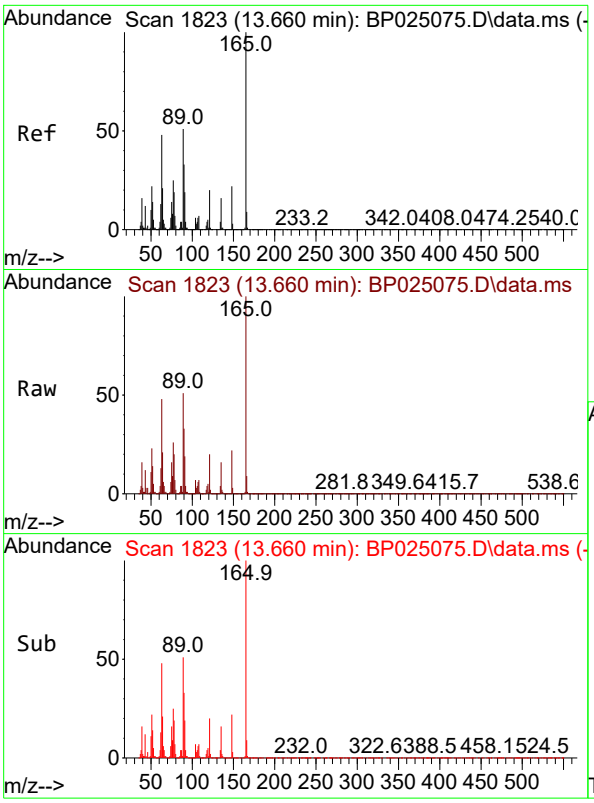


#50
Dimethylphthalate
Concen: 40.234 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:163 Resp: 2825141

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.0	12.0



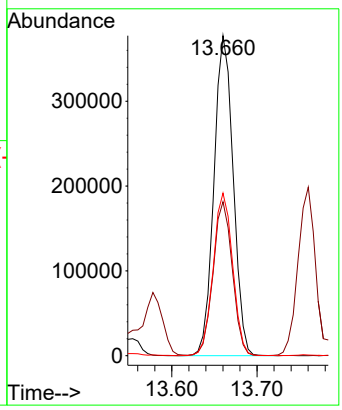


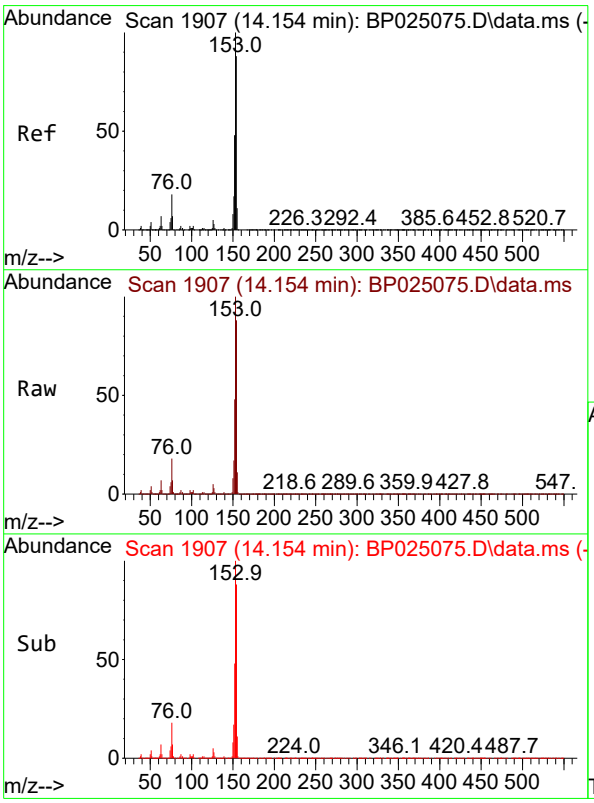
#51
2,6-Dinitrotoluene
Concen: 43.253 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 592325

Ion	Ratio	Lower	Upper
165	100		
63	48.1	38.5	57.7
89	50.8	40.6	61.0

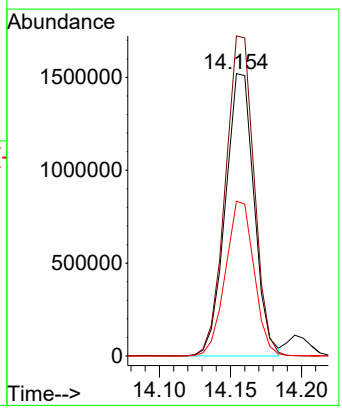


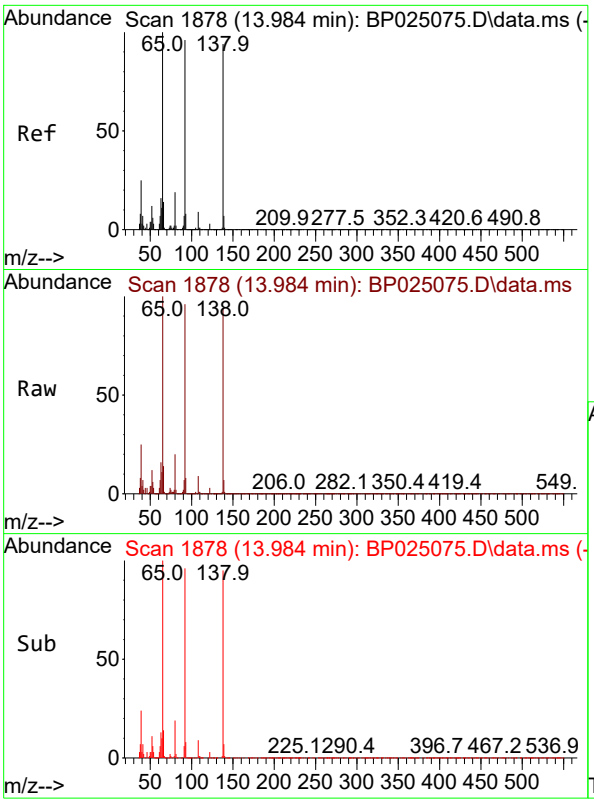


#52
Acenaphthene
Concen: 39.537 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:154 Resp: 2139419

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.6	136.0
152	54.8	43.8	65.8



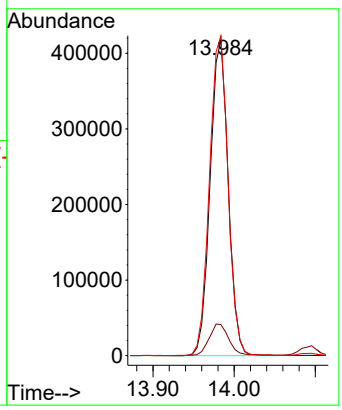


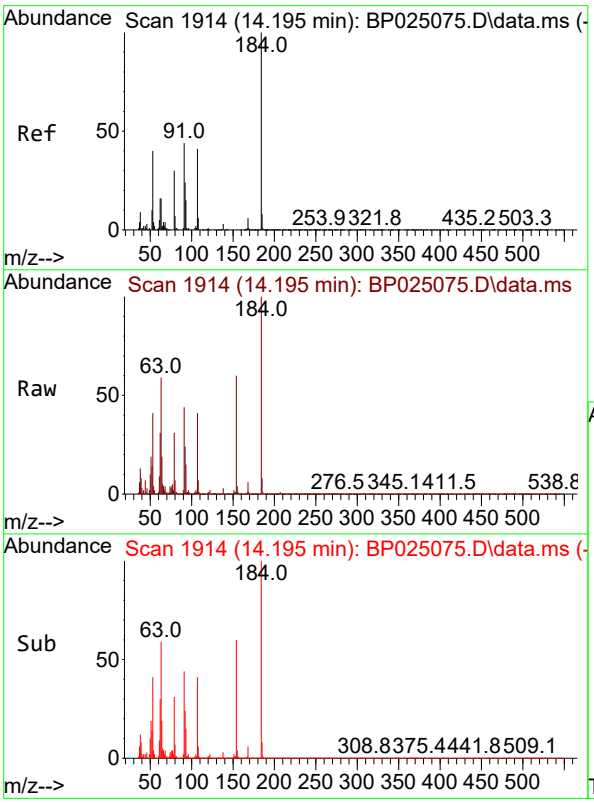
#53
3-Nitroaniline
Concen: 43.937 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 644835

Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.8
92	101.2	81.0	121.4

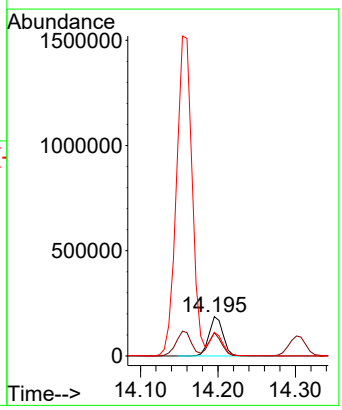


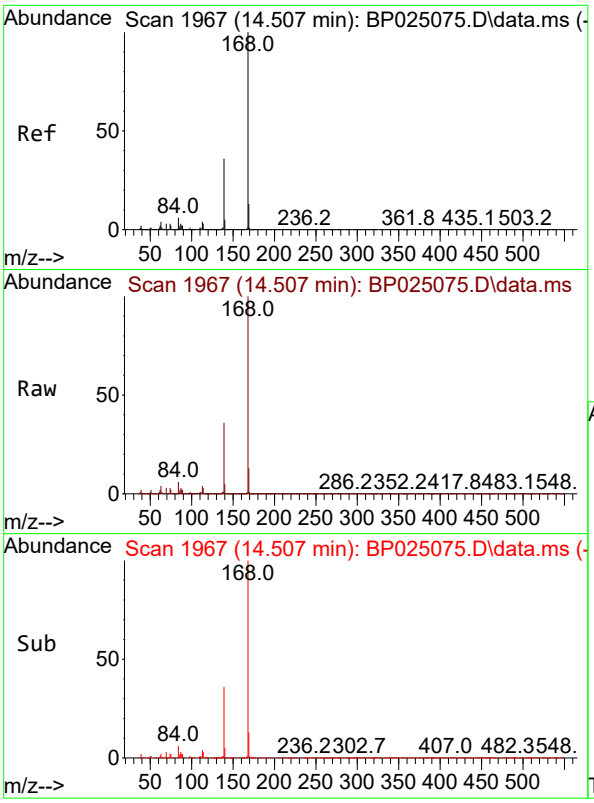


#54
2,4-Dinitrophenol
Concen: 38.110 ng
RT: 14.195 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:184 Resp: 234827

Ion	Ratio	Lower	Upper
184	100		
63	59.2	47.4	71.0
154	59.8	47.8	71.8



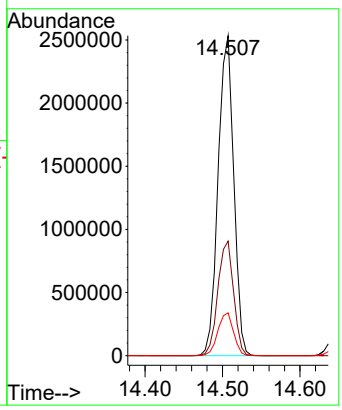


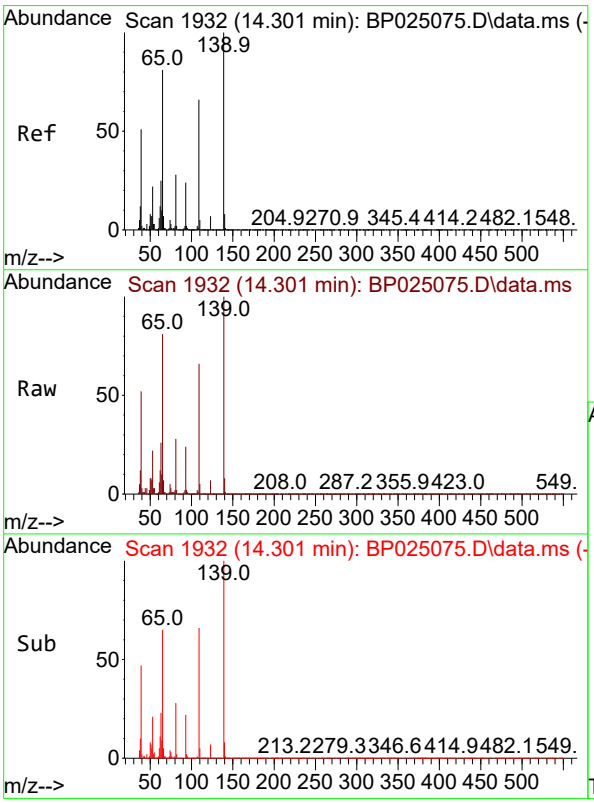
#55
Dibenzofuran
Concen: 39.719 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 3547100

Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.6	43.0
169	13.4	10.7	16.1

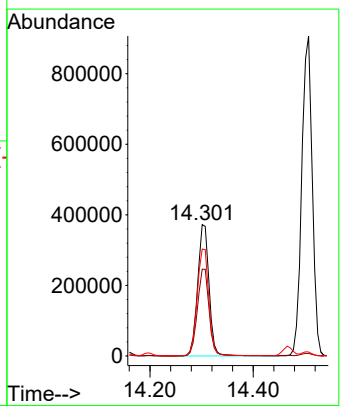


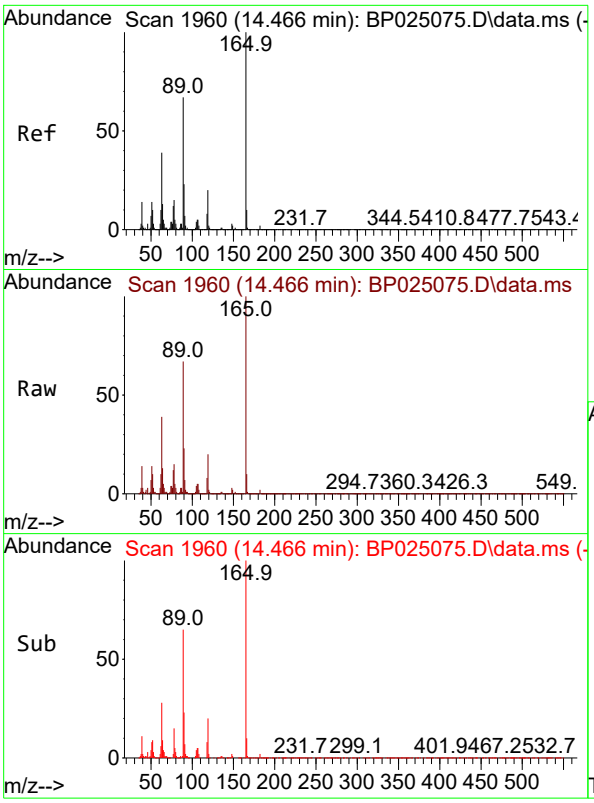


#56
4-Nitrophenol
Concen: 42.263 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:139 Resp: 572405

Ion	Ratio	Lower	Upper
139	100		
109	65.9	45.9	85.9
65	81.4	61.4	101.4



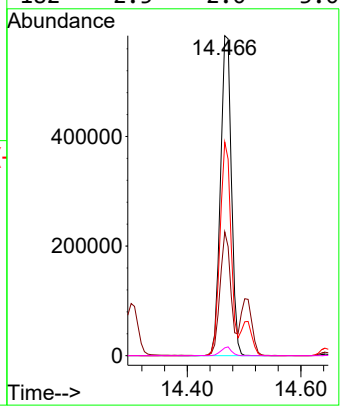


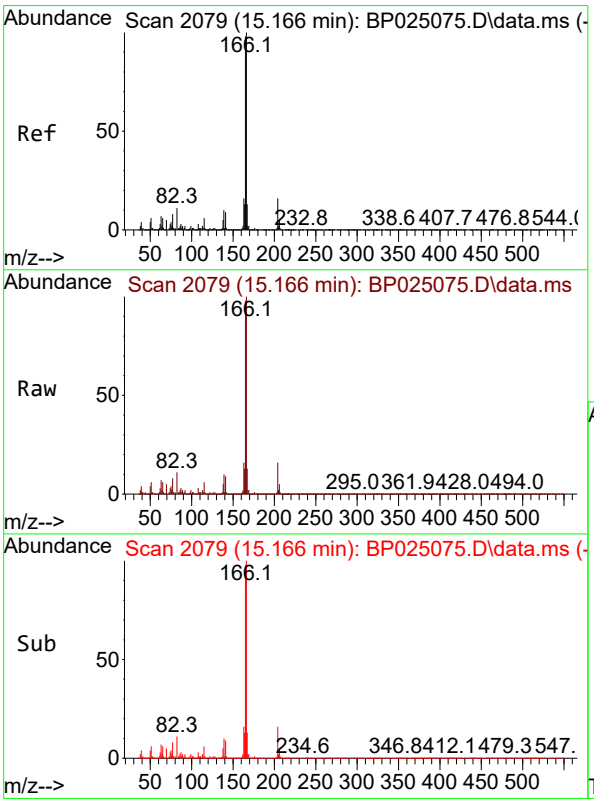
#57
2,4-Dinitrotoluene
Concen: 39.572 ng
RT: 14.466 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 785486

Ion	Ratio	Lower	Upper
165	100		
63	38.7	31.0	46.4
89	66.7	53.4	80.0
182	2.5	2.0	3.0

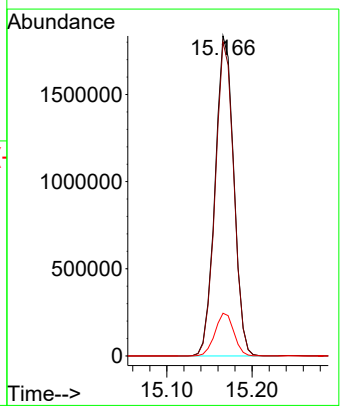


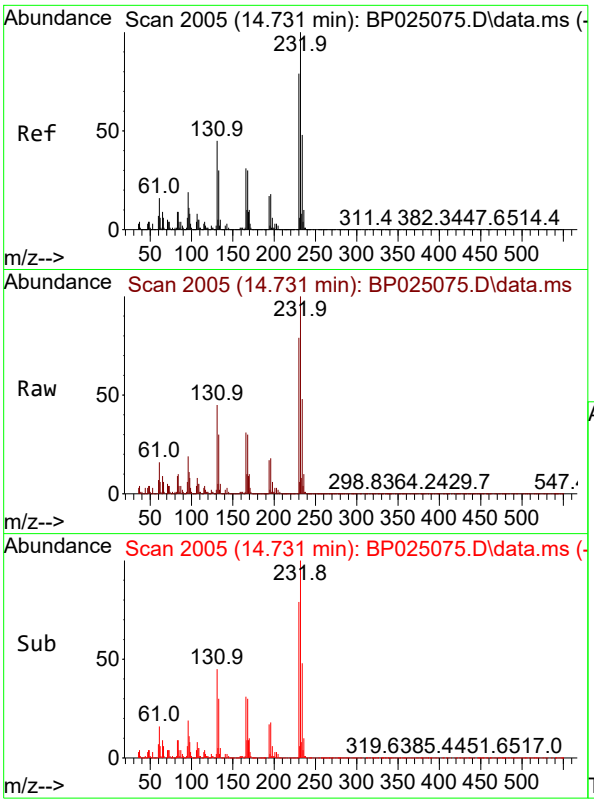


#58
Fluorene
Concen: 40.454 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:166 Resp: 2794372

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.4	10.7	16.1



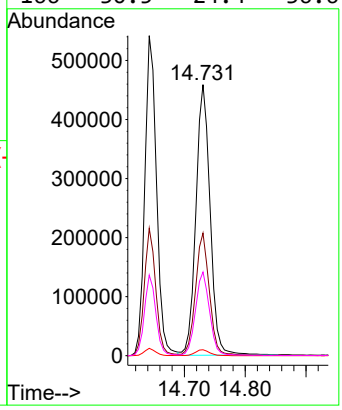


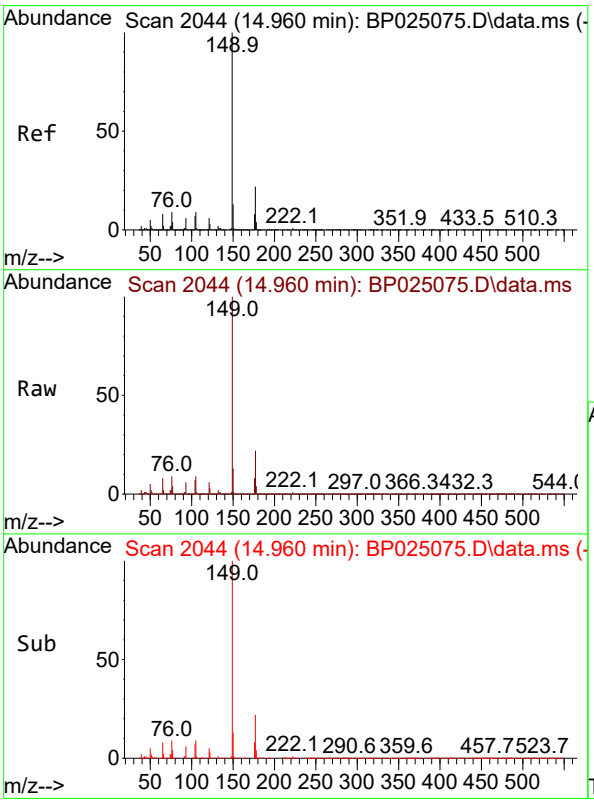
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.458 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 742726

Ion	Ratio	Lower	Upper
232	100		
131	44.6	35.7	53.5
130	2.2	1.8	2.6
166	30.5	24.4	36.6

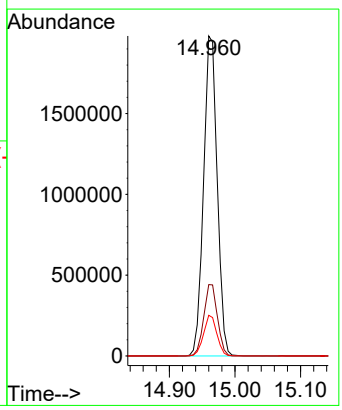


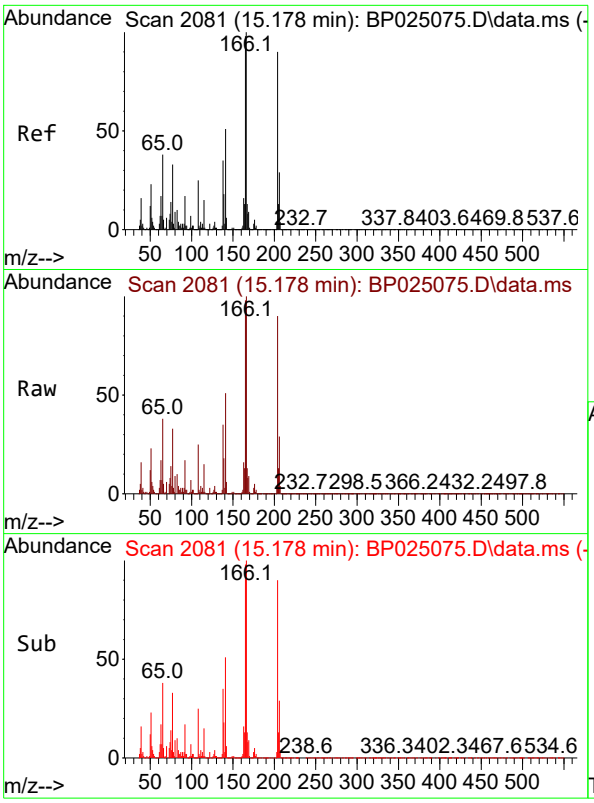


#60
Diethylphthalate
Concen: 40.639 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 2866041

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.8
150	12.7	10.2	15.2



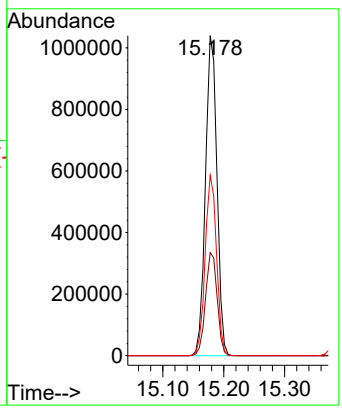


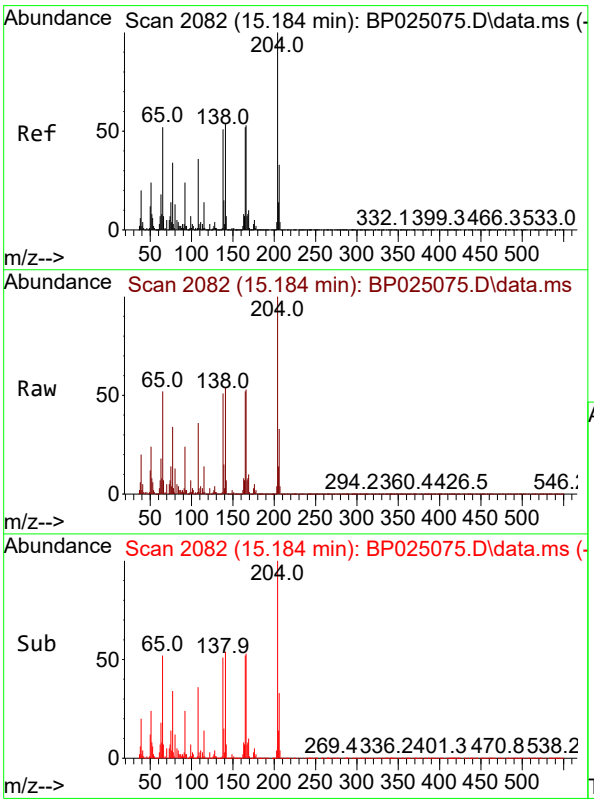
#61
4-Chlorophenyl-phenylether
Concen: 39.829 ng
RT: 15.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 1361531

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.6
141	56.4	45.1	67.7

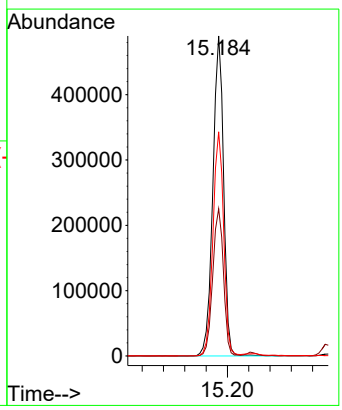


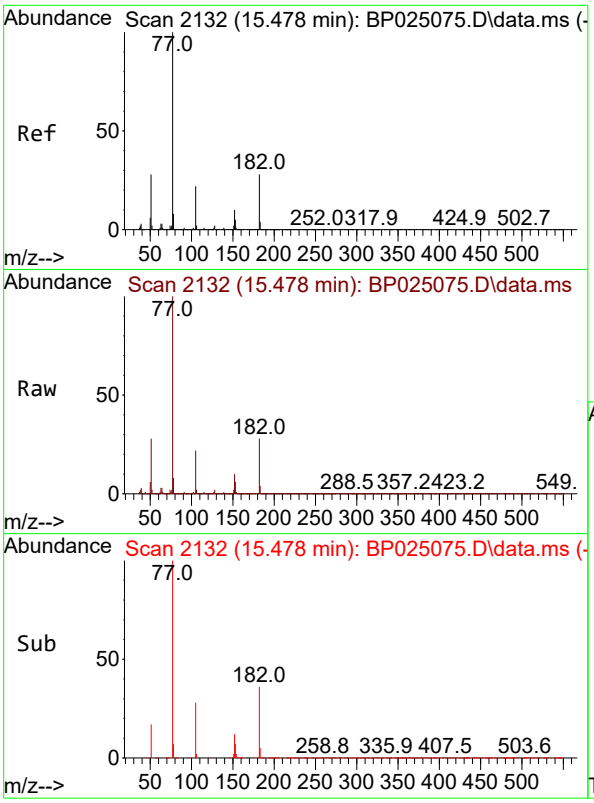


#62
4-Nitroaniline
Concen: 44.618 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:138 Resp: 686633

Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.0	66.0
108	70.0	50.0	90.0



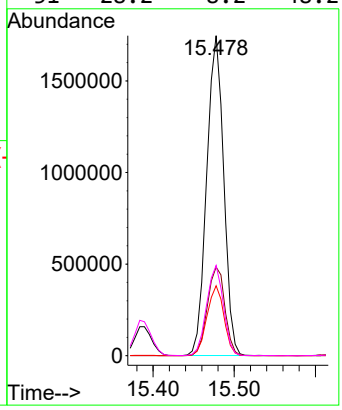


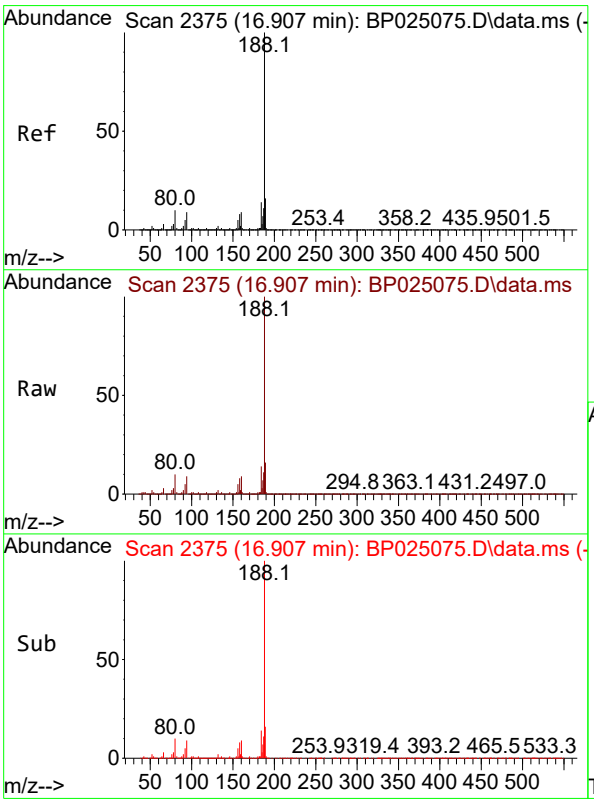
#63
Azobenzene
Concen: 40.400 ng
RT: 15.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 2537142

Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.7	47.7
105	21.9	1.9	41.9
51	28.2	8.2	48.2

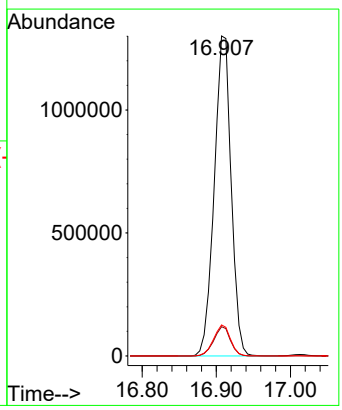


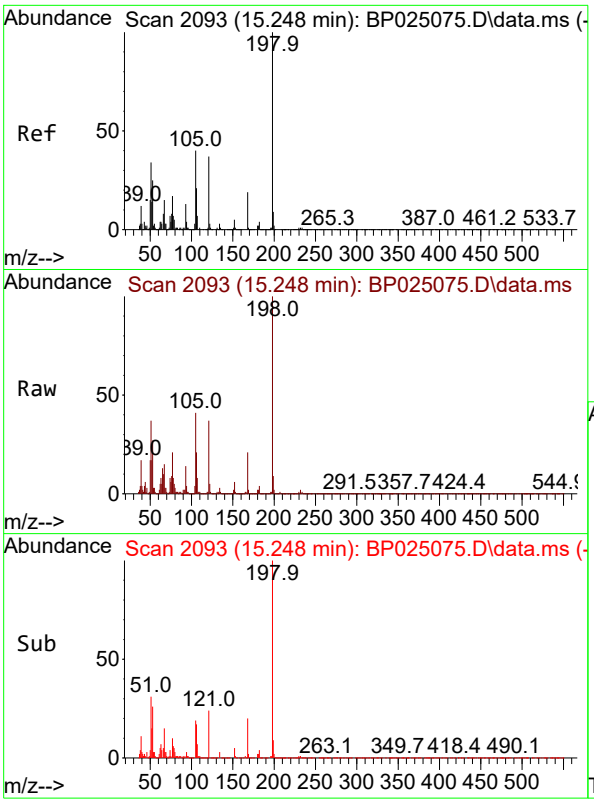


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:188 Resp: 2062708

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	9.7	7.8	11.6



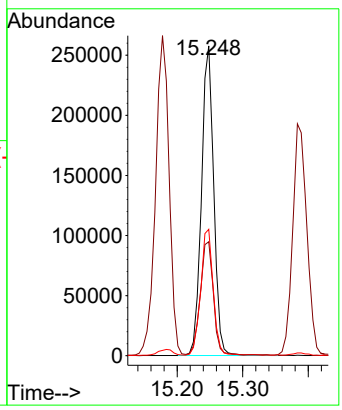


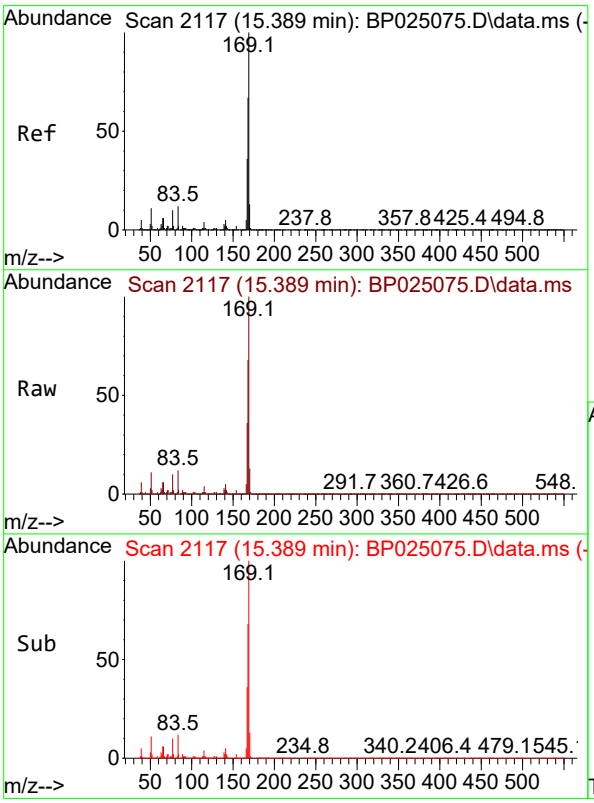
#65
4,6-Dinitro-2-methylphenol
Concen: 37.190 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 335740

Ion	Ratio	Lower	Upper
198	100		
51	36.8	16.8	56.8
105	40.8	20.8	60.8

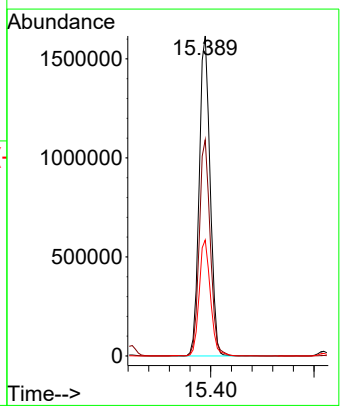


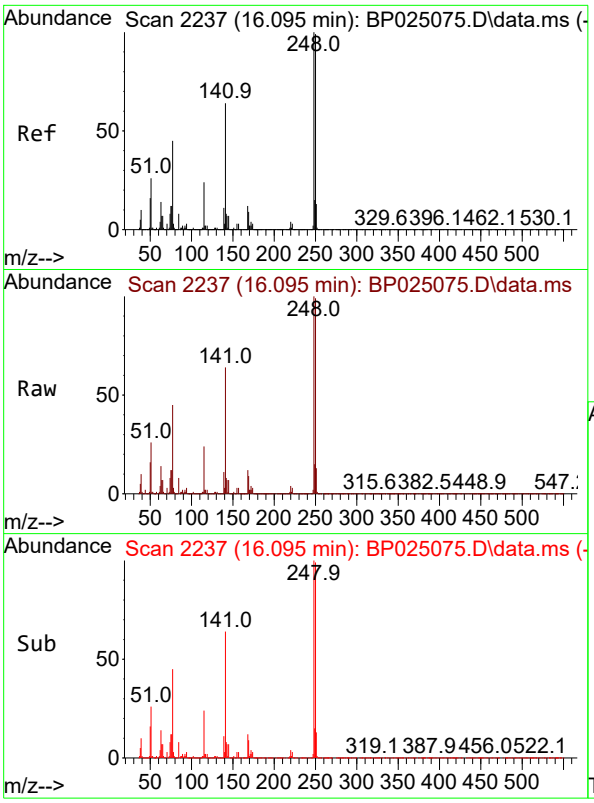


#66
n-Nitrosodiphenylamine
Concen: 40.069 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:169 Resp: 2365317

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.1	81.1
167	36.3	29.0	43.6



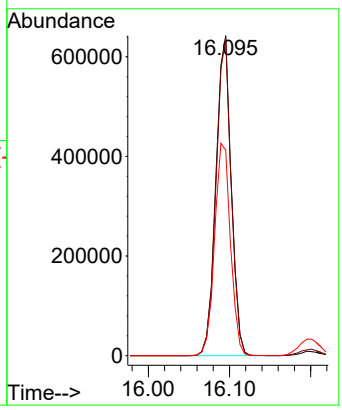


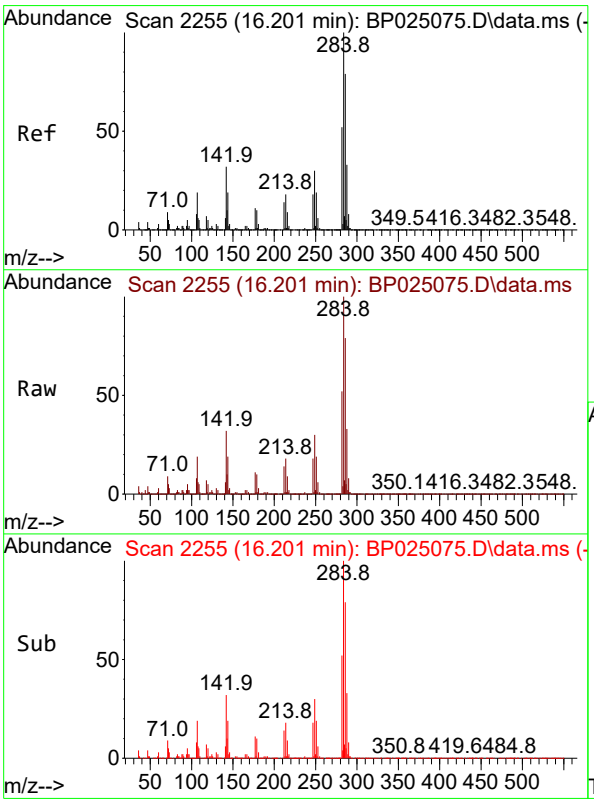
#67
4-Bromophenyl-phenylether
Concen: 39.961 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 843967

Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.4	119.2
141	64.2	51.4	77.0

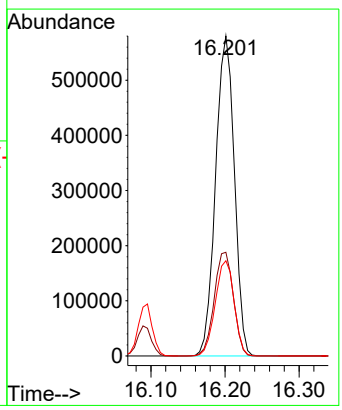


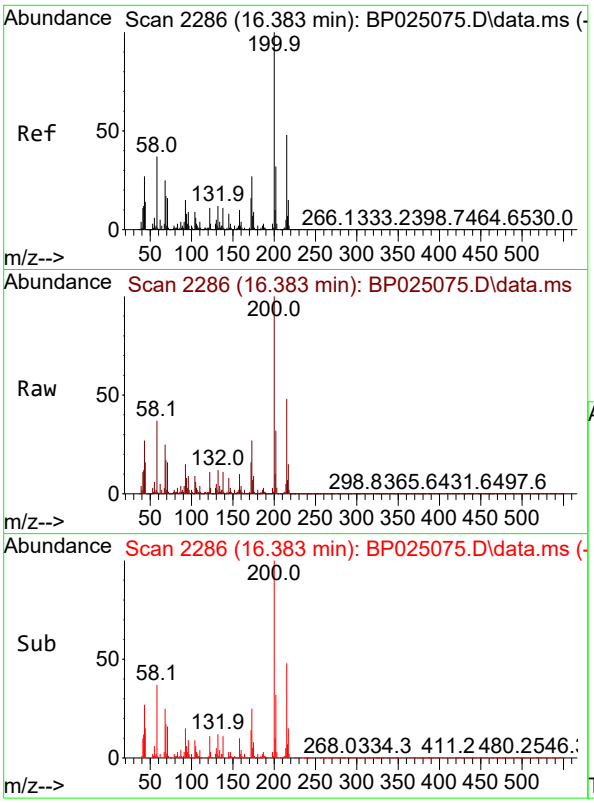


#68
Hexachlorobenzene
Concen: 39.541 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:284 Resp: 1020715

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.9	38.9
249	29.8	23.8	35.8



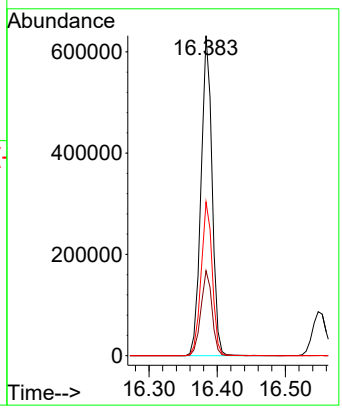


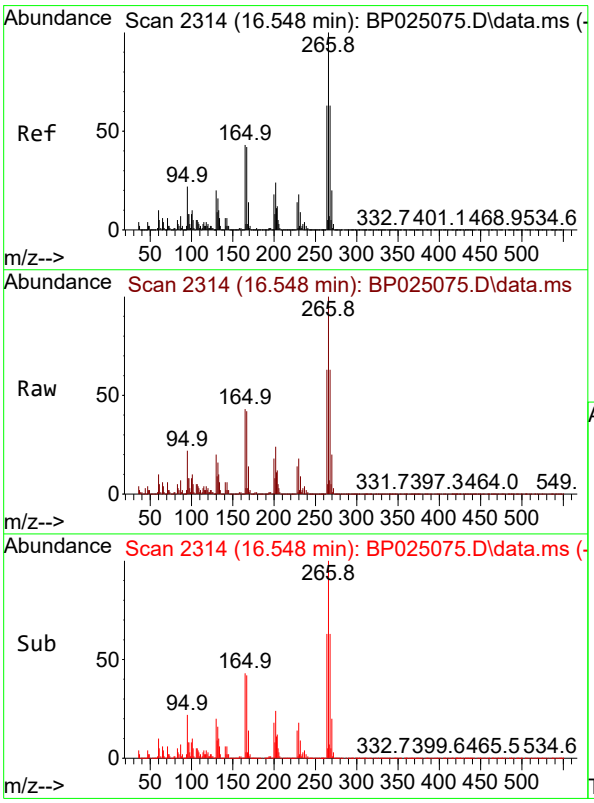
#69
Atrazine
Concen: 41.121 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 711320

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	48.0	28.0	68.0

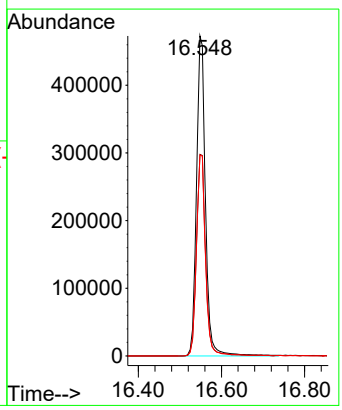


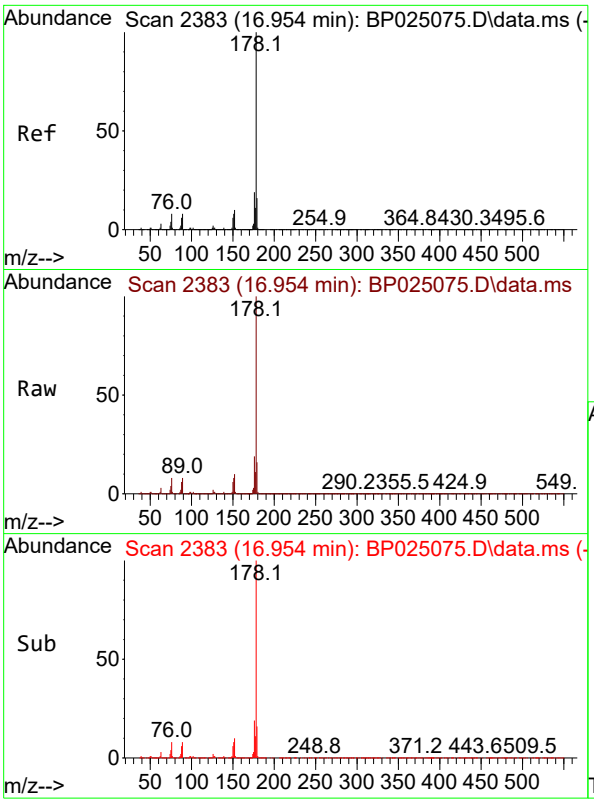


#70
Pentachlorophenol
Concen: 40.604 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:266 Resp: 707874

Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.4	75.6
264	62.7	50.2	75.2



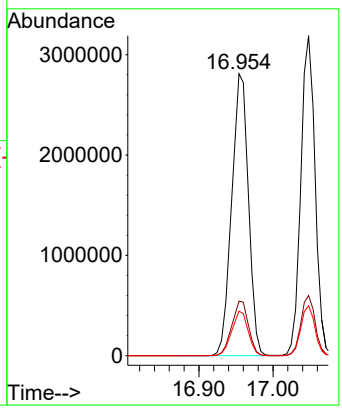


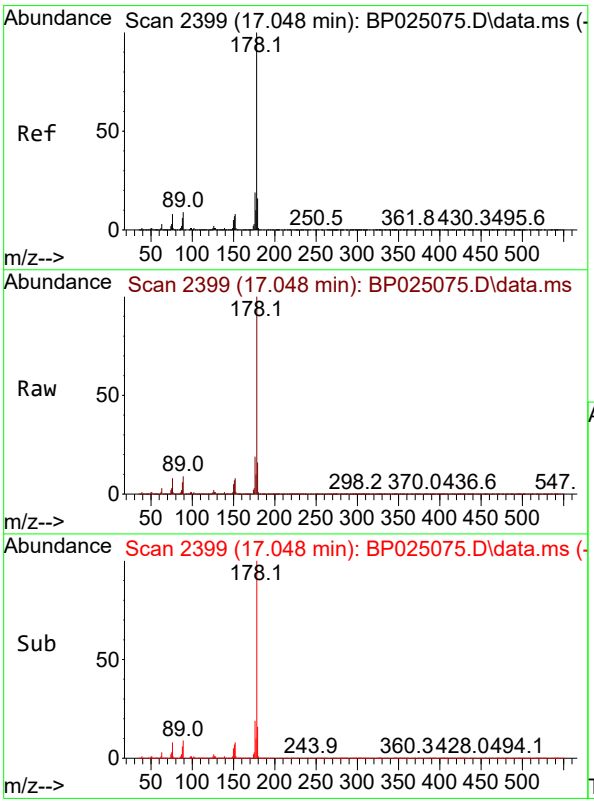
#71
Phenanthrene
Concen: 39.993 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 4407982

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0

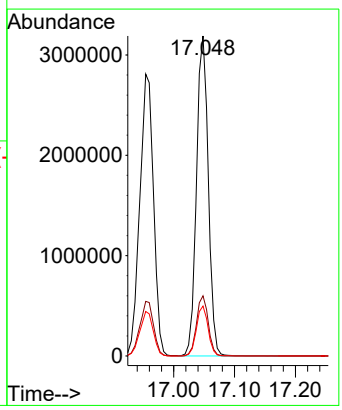


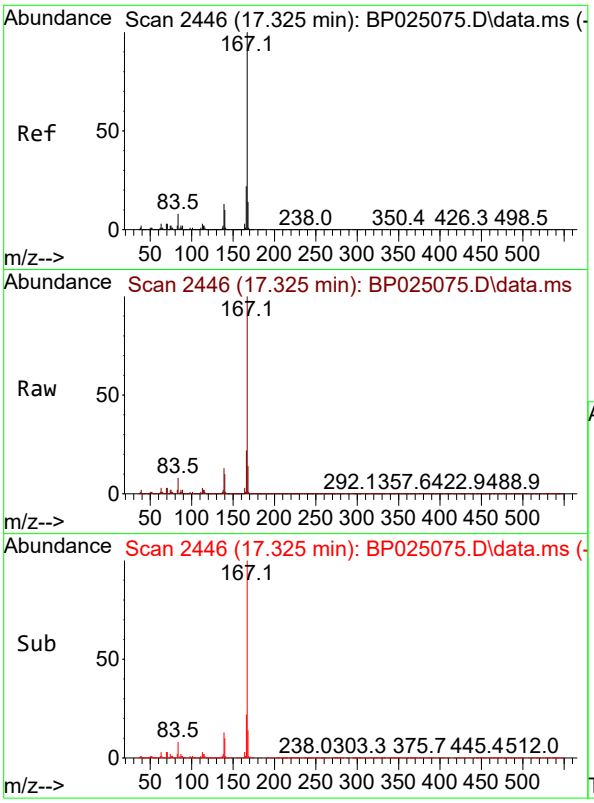


#72
Anthracene
Concen: 40.434 ng
RT: 17.048 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:178 Resp: 4275492

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.5	18.7



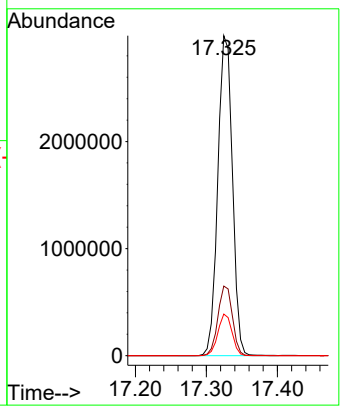


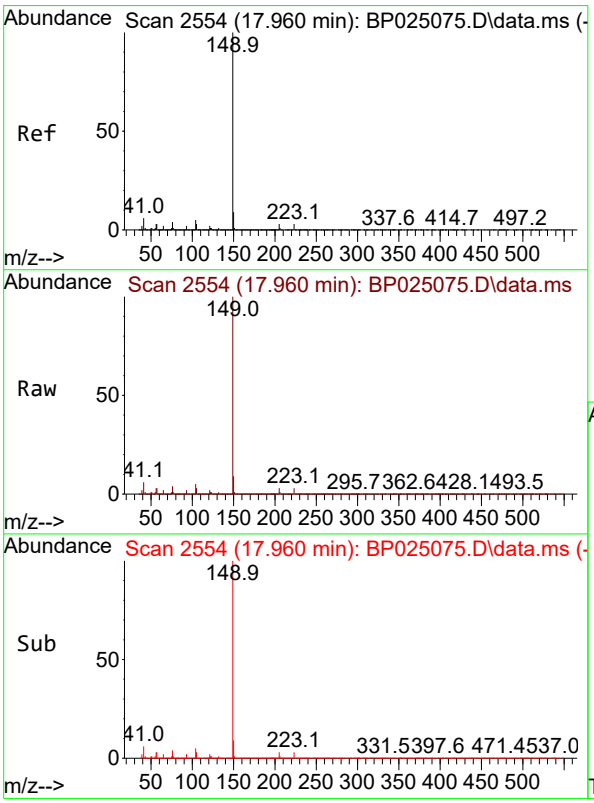
#73
Carbazole
Concen: 41.064 ng
RT: 17.325 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 4245502

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.0	10.4	15.6

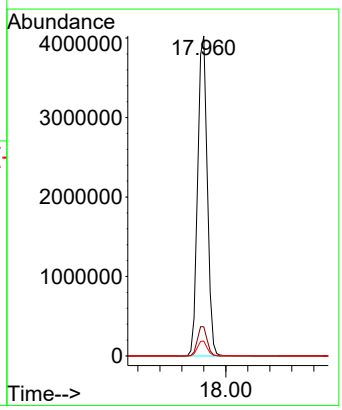


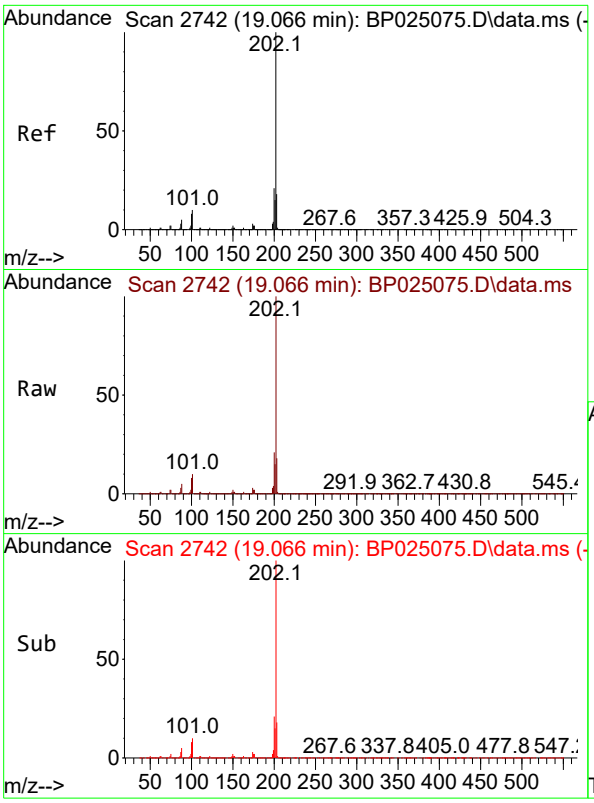


#74
Di-n-butylphthalate
Concen: 42.536 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 4897263

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.7	3.8	5.6



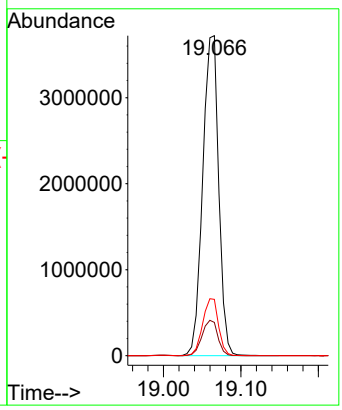


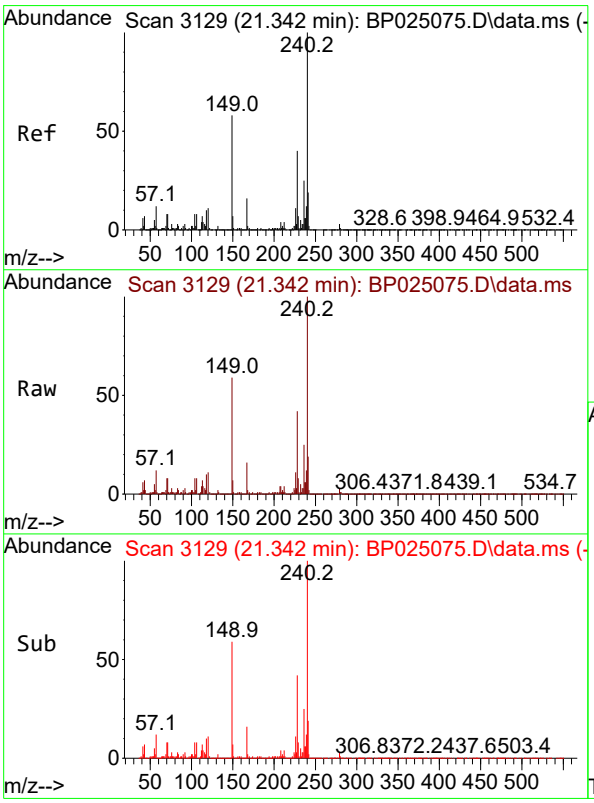
#75
Fluoranthene
Concen: 41.300 ng
RT: 19.066 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 5320900

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.6	0.0	37.6

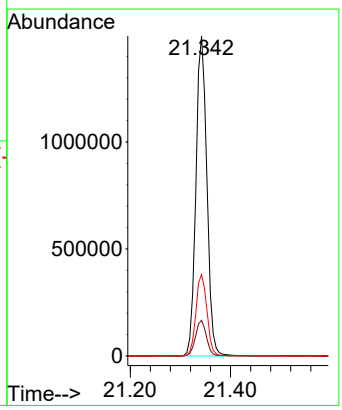


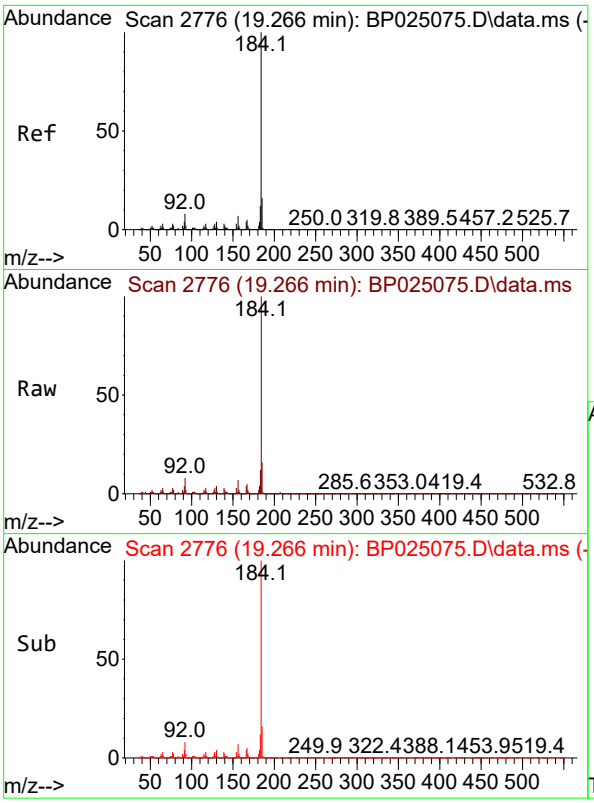


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:240 Resp: 2262594

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.4	20.3	30.5



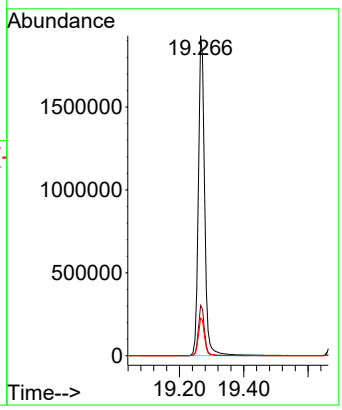


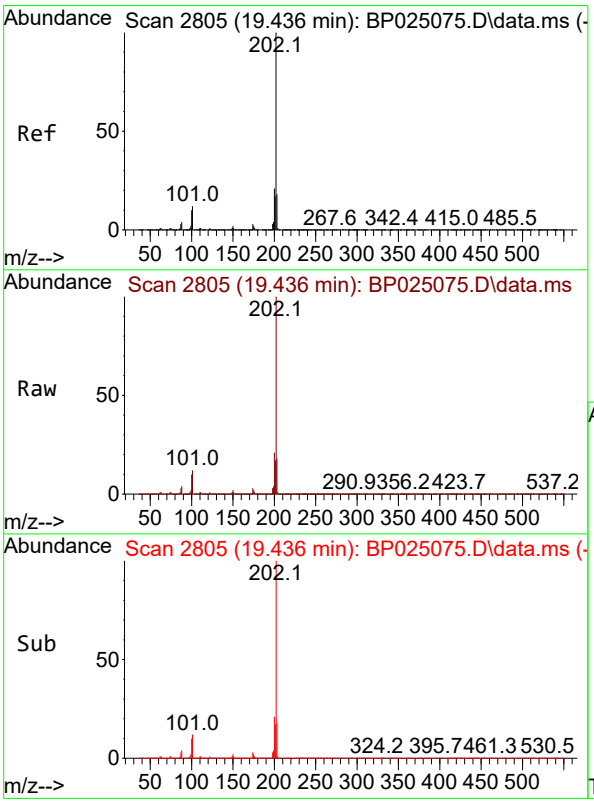
#77
Benzidine
Concen: 64.686 ng
RT: 19.266 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 2584906

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	11.8	9.4	14.2

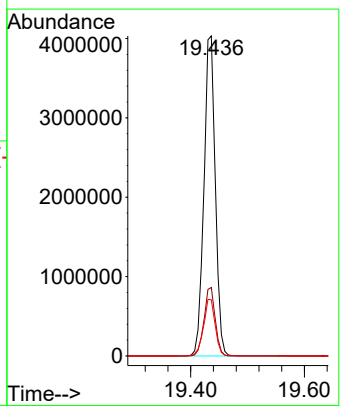


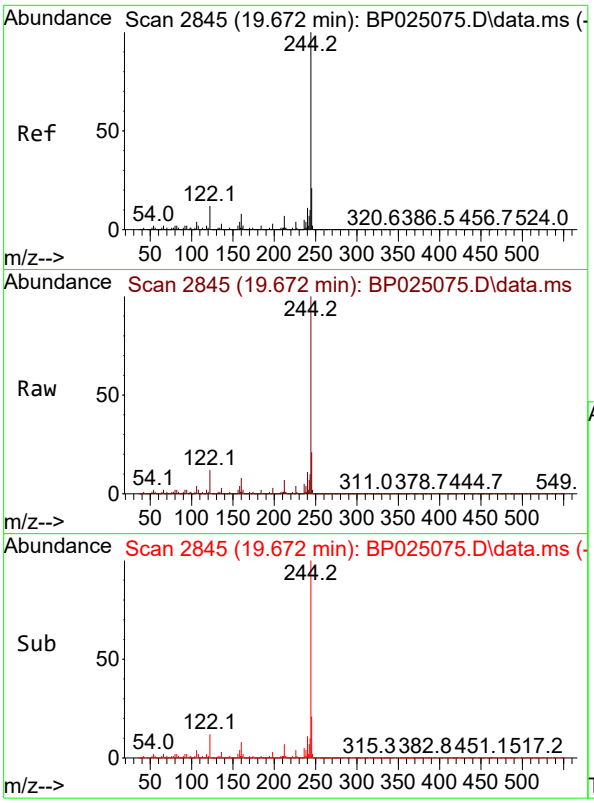


#78
Pyrene
Concen: 39.765 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:202 Resp: 5572652

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.6	14.1	21.1



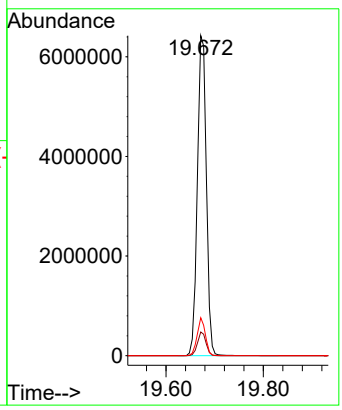


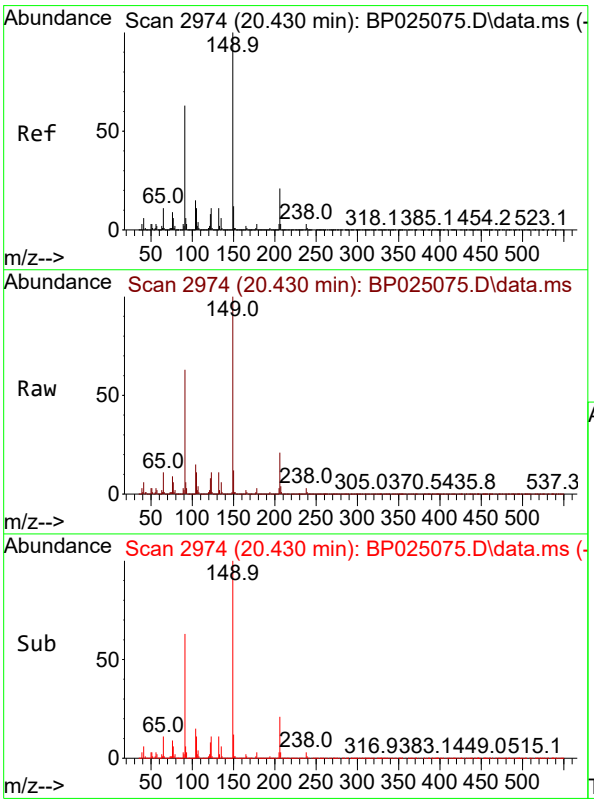
#79
Terphenyl-d14
Concen: 80.394 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 8276493

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.8	9.4	14.2

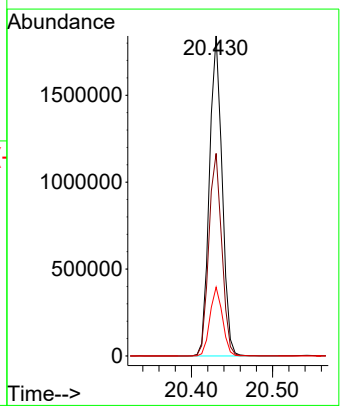


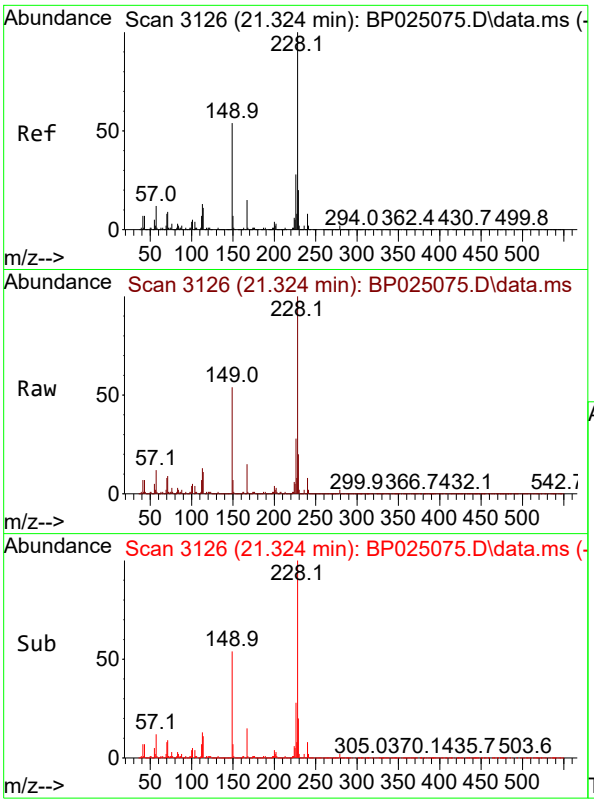


#80
Butylbenzylphthalate
Concen: 37.765 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 1993151

Ion	Ratio	Lower	Upper
149	100		
91	63.3	50.6	76.0
206	21.5	17.2	25.8



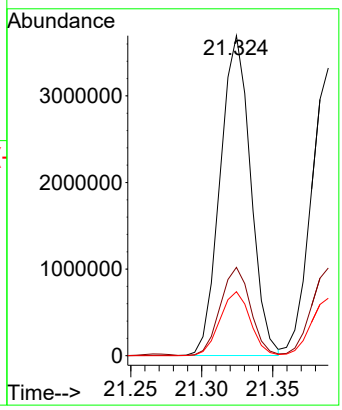


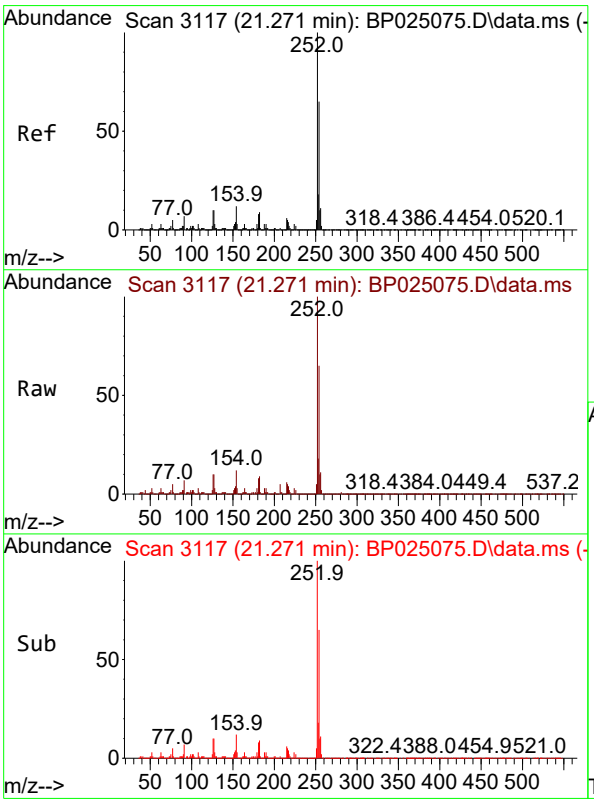
#81
Benzo(a)anthracene
Concen: 40.169 ng
RT: 21.324 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 5507840

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.0	16.0	24.0

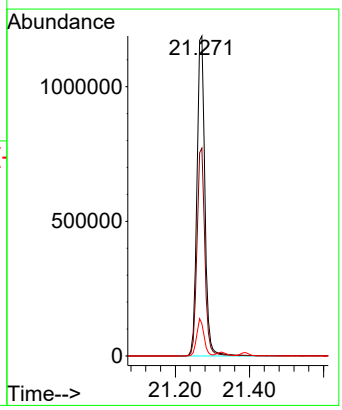


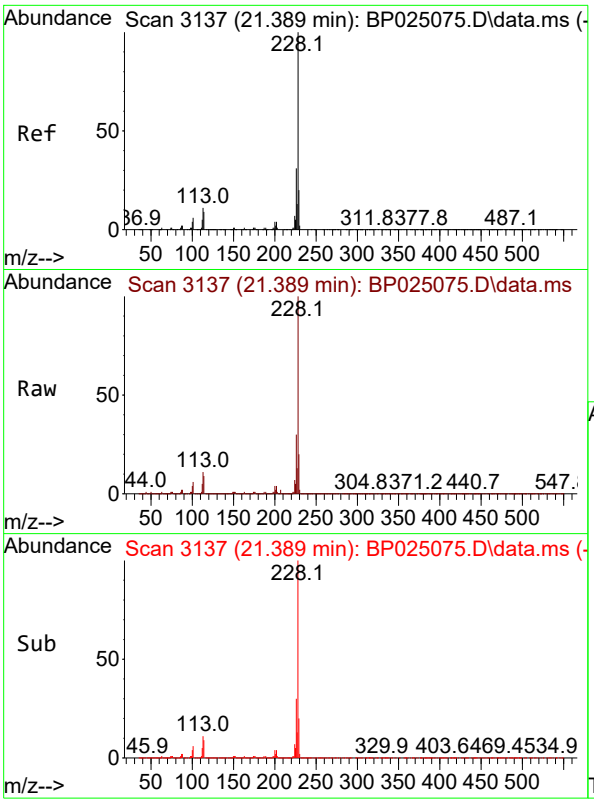


#82
3,3'-Dichlorobenzidine
Concen: 42.735 ng
RT: 21.271 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:252 Resp: 1763991

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	10.1	8.1	12.1



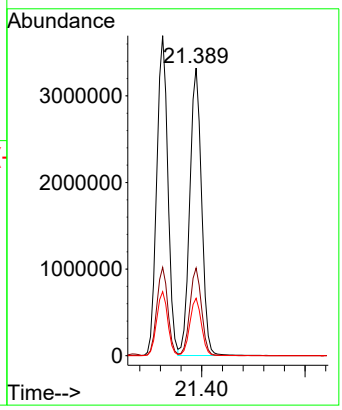


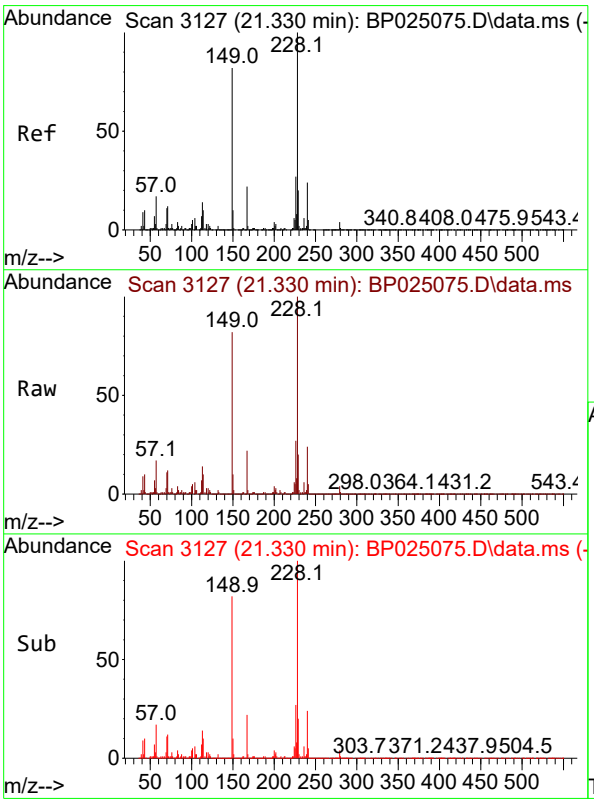
#83
Chrysene
Concen: 39.742 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 5244045

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.0	16.0	24.0

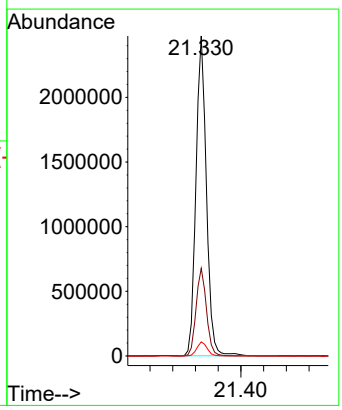


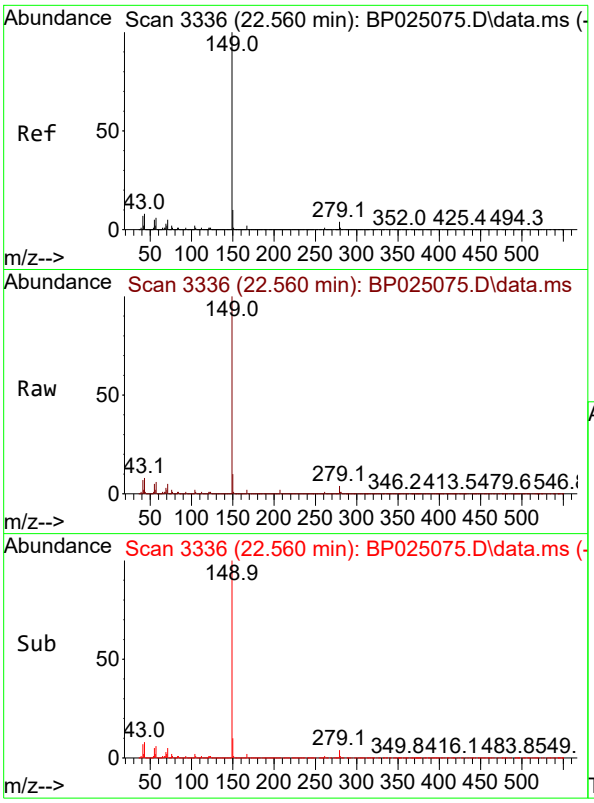


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.232 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 3179611

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	4.4	3.5	5.3



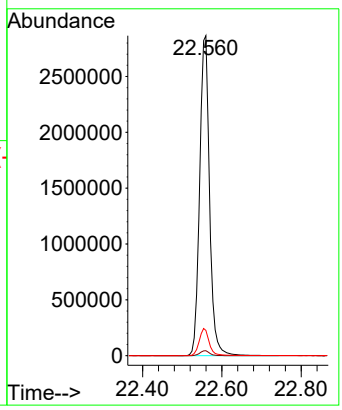


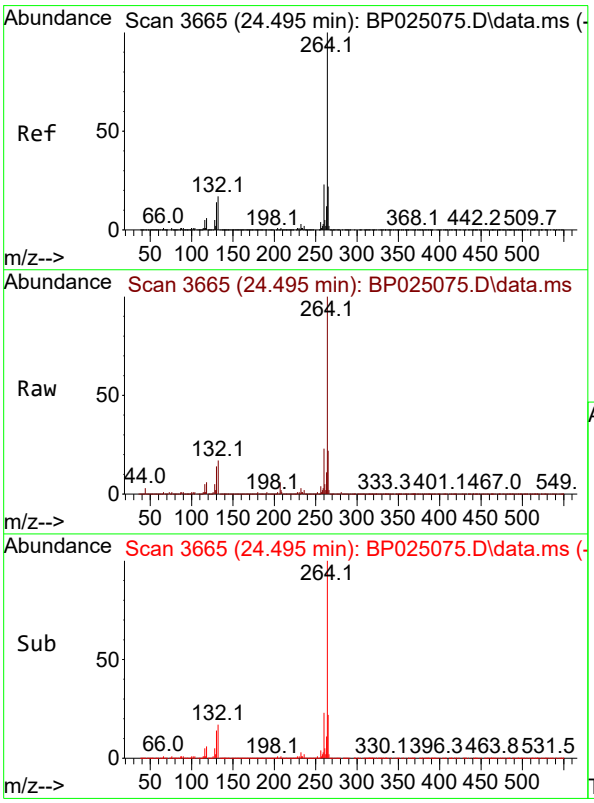
#85
Di-n-octyl phthalate
Concen: 38.152 ng
RT: 22.560 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 4951836

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	6.9	10.3

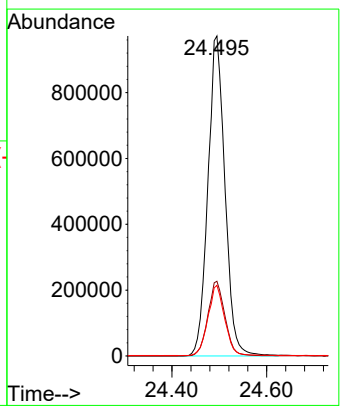


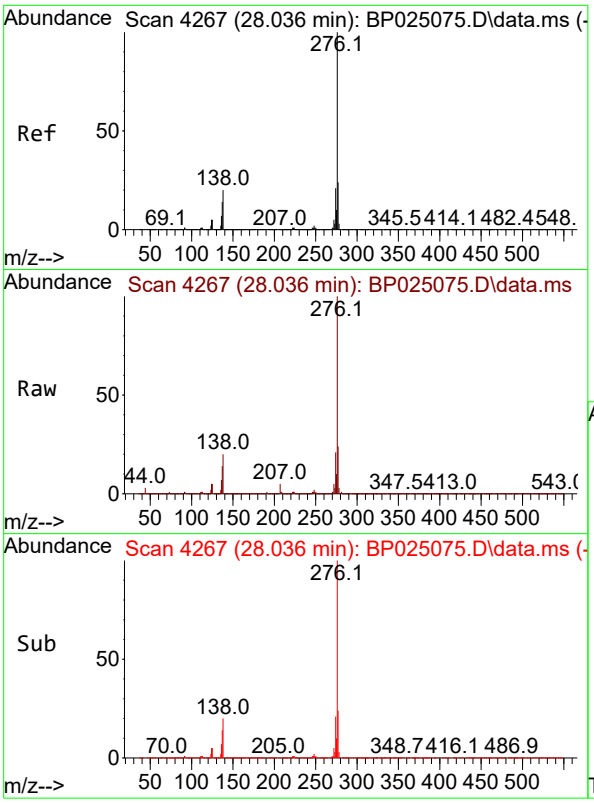


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:264 Resp: 2431657

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.1	17.7	26.5



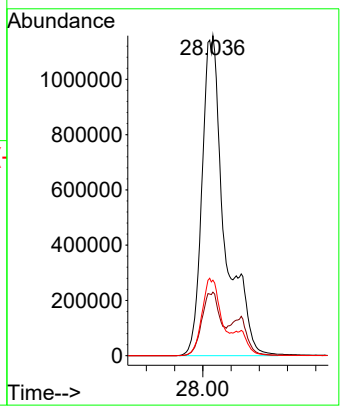


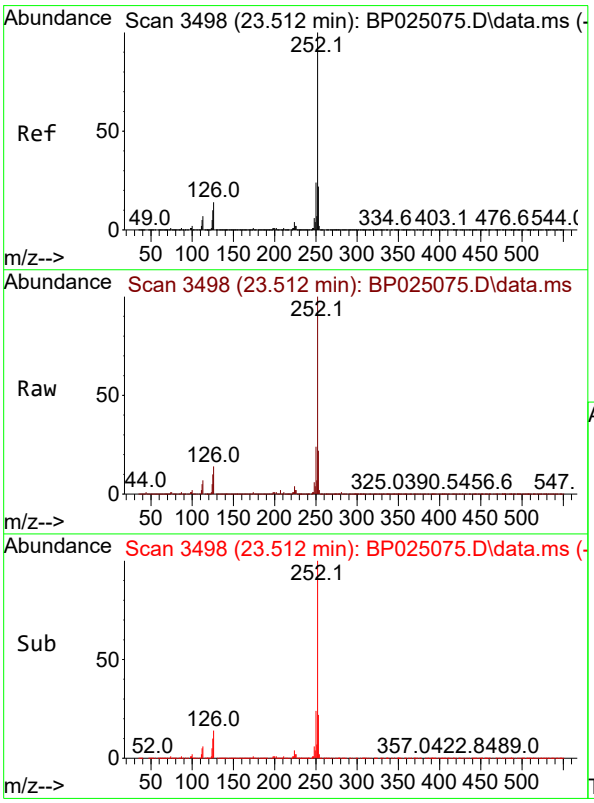
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.785 ng m
RT: 28.036 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 6474467

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.0	19.6
277	19.9	15.9	23.9

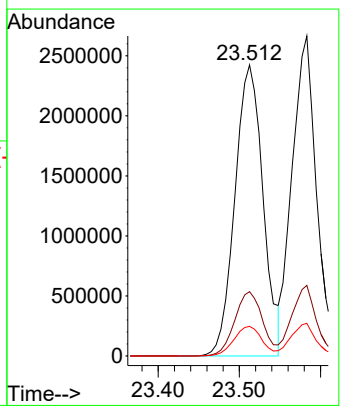


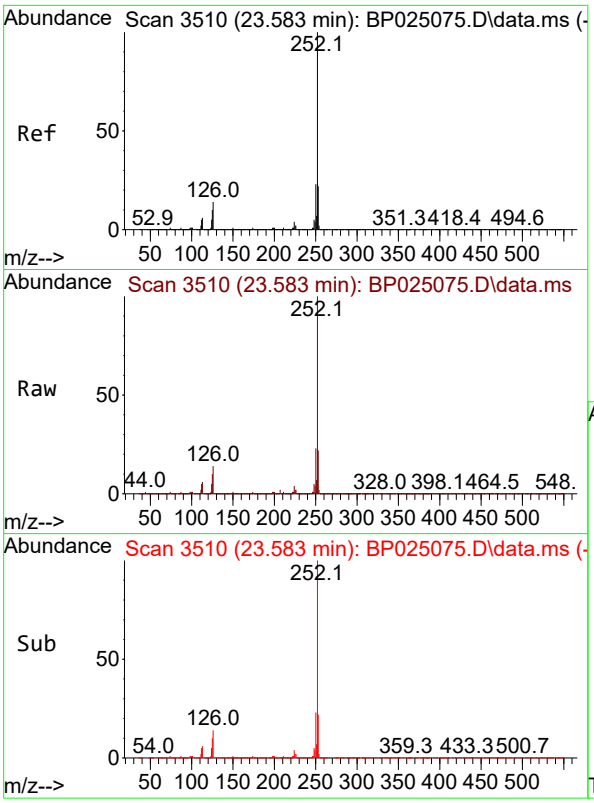


#88
Benzo(b)fluoranthene
Concen: 41.258 ng
RT: 23.512 min Scan# 3498
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:252 Resp: 5839482

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.1	8.1	12.1



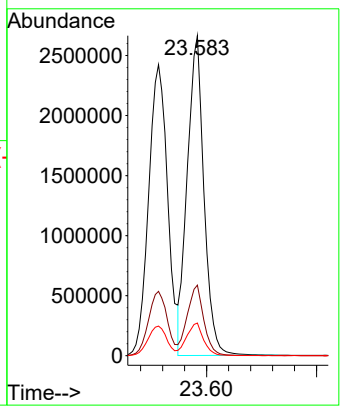


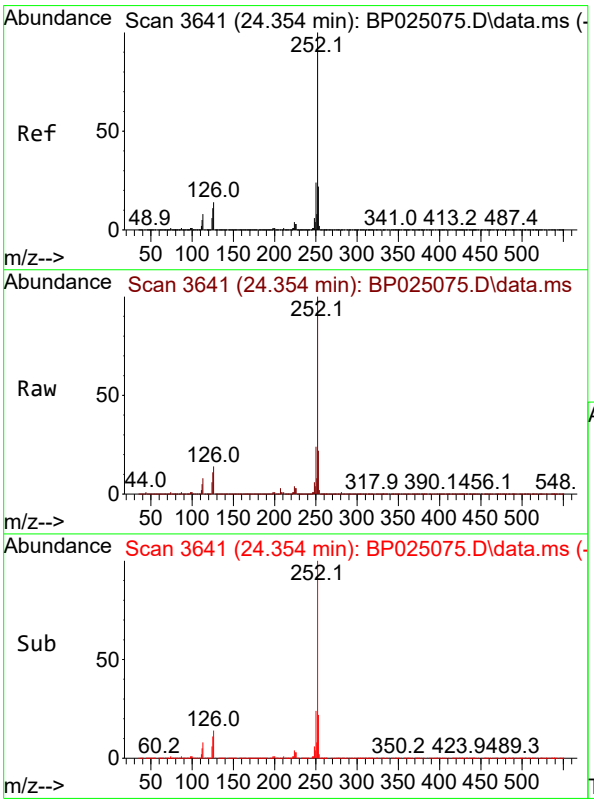
#89
Benzo(k)fluoranthene
Concen: 39.833 ng
RT: 23.583 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 5609534

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.2	12.2

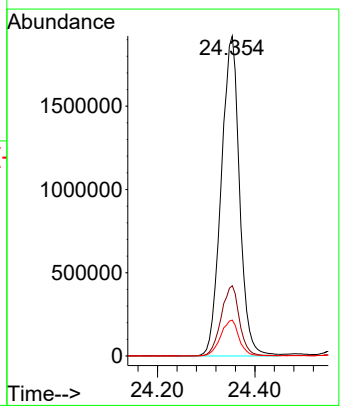


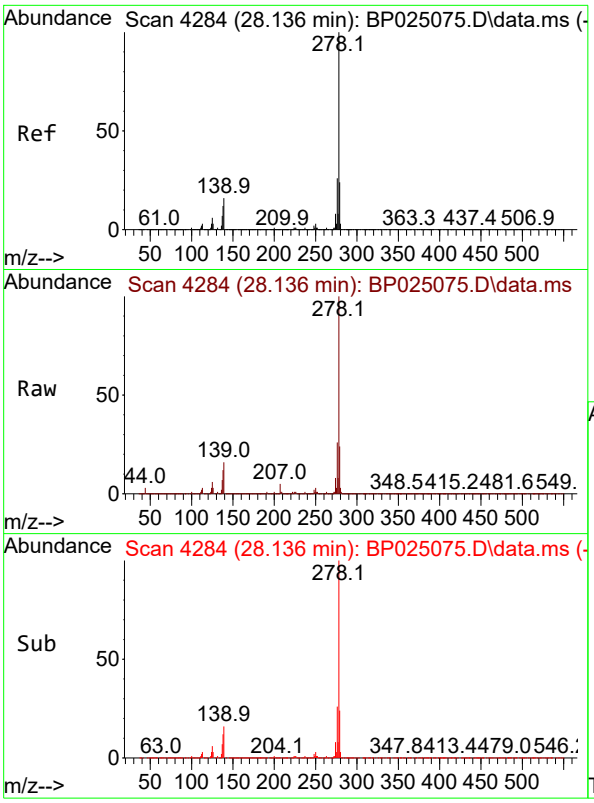


#90
Benzo(a)pyrene
Concen: 41.697 ng
RT: 24.354 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:252 Resp: 5022829

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.2	9.0	13.4



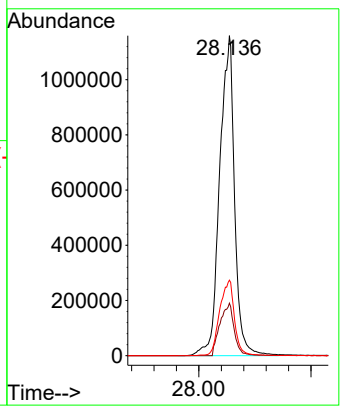


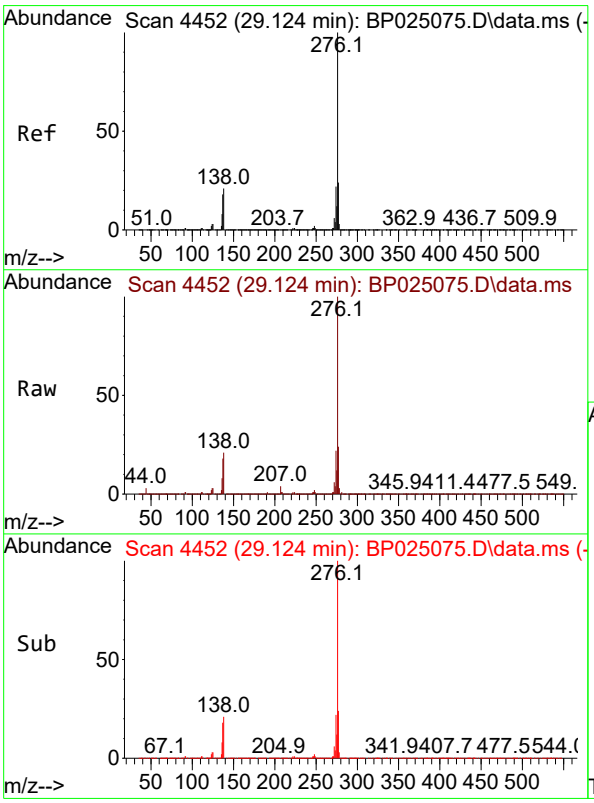
#91
Dibenzo(a,h)anthracene
Concen: 41.673 ng
RT: 28.136 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 5336147

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	23.6	18.9	28.3

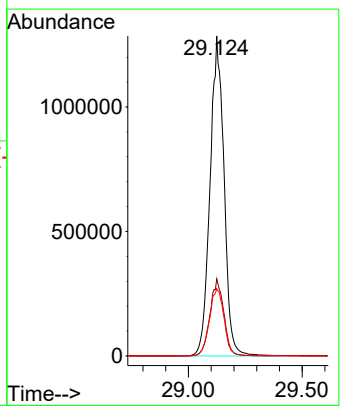




#92
Benzo(g,h,i)perylene
Concen: 41.443 ng
RT: 29.124 min Scan# 4452
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:276 Resp: 5482072

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	21.1	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025076.D
Acq On : 03 Jul 2025 13:07
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jul 03 15:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	426915	20.000	ng	0.00
21) Naphthalene-d8	10.195	136	1726448	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1117104	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2198784	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2246809	20.000	ng	0.01
86) Perylene-d12	24.518	264	2460402	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2404869	99.811	ng	0.00
7) Phenol-d6	6.631	99	3142540	99.945	ng	0.00
23) Nitrobenzene-d5	8.572	82	2657612	102.375	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	1362624	103.255	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	7037498	97.594	ng	0.00
79) Terphenyl-d14	19.683	244	10280025	100.557	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	448307	47.849	ng	100
3) Pyridine	3.490	79	1249873m	48.762	ng	
4) n-Nitrosodimethylamine	3.408	42	526435	48.471	ng	98
6) Aniline	6.790	93	1463015	49.800	ng	99
8) 2-Chlorophenol	7.019	128	1334192	49.491	ng	99
9) Benzaldehyde	6.602	77	730343	44.476	ng	98
10) Phenol	6.660	94	1584515	49.596	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1204826	49.001	ng	100
12) 1,3-Dichlorobenzene	7.331	146	1457893	48.321	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1476720	48.343	ng	98
14) 1,2-Dichlorobenzene	7.790	146	1418407	48.270	ng	100
15) Benzyl Alcohol	7.672	79	1056771	50.356	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1560041	48.796	ng	100
17) 2-Methylphenol	7.878	107	1039628	50.517	ng	99
18) Hexachloroethane	8.501	117	494292	49.671	ng	98
19) n-Nitroso-di-n-propyla...	8.243	70	930000	49.874	ng	99
20) 3+4-Methylphenols	8.201	107	1431288	49.653	ng	99
22) Acetophenone	8.243	105	1967270	48.182	ng	99
24) Nitrobenzene	8.607	77	1323155	50.040	ng	96
25) Isophorone	9.137	82	2464795	50.806	ng	100
26) 2-Nitrophenol	9.313	139	629107	48.958	ng	99
27) 2,4-Dimethylphenol	9.384	122	918599	50.760	ng	98
28) bis(2-Chloroethoxy)met...	9.625	93	1636120	49.669	ng	99
29) 2,4-Dichlorophenol	9.843	162	1314014	52.364	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	1365048	49.122	ng	98
31) Naphthalene	10.243	128	4337583	48.793	ng	100
32) Benzoic acid	9.531	122	859495	49.693	ng	97
33) 4-Chloroaniline	10.343	127	1645871	49.611	ng	99
34) Hexachlorobutadiene	10.543	225	793648	49.768	ng	99
35) Caprolactam	11.107	113	422268	49.189	ng	99
36) 4-Chloro-3-methylphenol	11.484	107	1335155	50.915	ng	99
37) 2-Methylnaphthalene	11.860	142	3084171	49.170	ng	100
38) 1-Methylnaphthalene	12.089	142	2983697	48.774	ng	100
40) 1,2,4,5-Tetrachloroben...	12.242	216	1612893	50.237	ng	100
41) Hexachlorocyclopentadiene	12.231	237	452638	53.975	ng	100
43) 2,4,6-Trichlorophenol	12.489	196	1026903	52.823	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025076.D
Acq On : 03 Jul 2025 13:07
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jul 03 15:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1151711	52.275	ng	99
46) 1,1'-Biphenyl	12.907	154	4006544	49.294	ng	100
47) 2-Chloronaphthalene	12.942	162	2986246	48.883	ng	100
48) 2-Nitroaniline	13.148	65	722237	48.247	ng	97
49) Acenaphthylene	13.813	152	4634923	49.571	ng	100
50) Dimethylphthalate	13.560	163	3810769	48.733	ng	99
51) 2,6-Dinitrotoluene	13.660	165	811379	53.202	ng	98
52) Acenaphthene	14.160	154	2923605	48.515	ng	99
53) 3-Nitroaniline	13.989	138	865670	52.965	ng	96
54) 2,4-Dinitrophenol	14.207	184	335631	47.384	ng	96
55) Dibenzofuran	14.507	168	4802343	48.287	ng	99
56) 4-Nitrophenol	14.313	139	764396	50.679	ng	98
57) 2,4-Dinitrotoluene	14.472	165	1081273	48.291	ng	97
58) Fluorene	15.172	166	3727642	48.458	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1014960	50.872	ng	99
60) Diethylphthalate	14.972	149	3816042	48.587	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1839971	48.332	ng	99
62) 4-Nitroaniline	15.189	138	890284	51.948	ng	100
63) Azobenzene	15.472	77	3381849	48.355	ng	98
65) 4,6-Dinitro-2-methylph...	15.254	198	488912	48.762	ng	98
66) n-Nitrosodiphenylamine	15.389	169	3156476	50.162	ng	99
67) 4-Bromophenyl-phenylether	16.089	248	1145496	50.881	ng	98
68) Hexachlorobenzene	16.195	284	1365447	49.621	ng	100
69) Atrazine	16.395	200	937888	50.863	ng	99
70) Pentachlorophenol	16.554	266	975866	52.511	ng	99
71) Phenanthrene	16.954	178	5660551	48.179	ng	100
72) Anthracene	17.054	178	5614698	49.812	ng	100
73) Carbazole	17.325	167	5444196	49.399	ng	100
74) Di-n-butylphthalate	17.966	149	6469226	52.713	ng	99
75) Fluoranthene	19.054	202	6865989	49.995	ng	99
77) Benzidine	19.271	184	2357157	59.401	ng	99
78) Pyrene	19.436	202	7028090	50.503	ng	99
80) Butylbenzylphthalate	20.442	149	2645413	49.237	ng	99
81) Benzo(a)anthracene	21.336	228	6780561	49.798	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	2241436	54.684	ng	98
83) Chrysene	21.395	228	6500368	49.609	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	4140331	56.690	ng	99
85) Di-n-octyl phthalate	22.565	149	6776549	50.271	ng	100
87) Indeno(1,2,3-cd)pyrene	28.059	276	8400646m	53.583	ng	
88) Benzo(b)fluoranthene	23.518	252	7308592	51.035	ng	100
89) Benzo(k)fluoranthene	23.595	252	7114695	49.931	ng	100
90) Benzo(a)pyrene	24.359	252	6366556	52.234	ng	100
91) Dibenzo(a,h)anthracene	28.136	278	6926985	53.464	ng	99
92) Benzo(g,h,i)perylene	29.159	276	7023994	52.480	ng	100

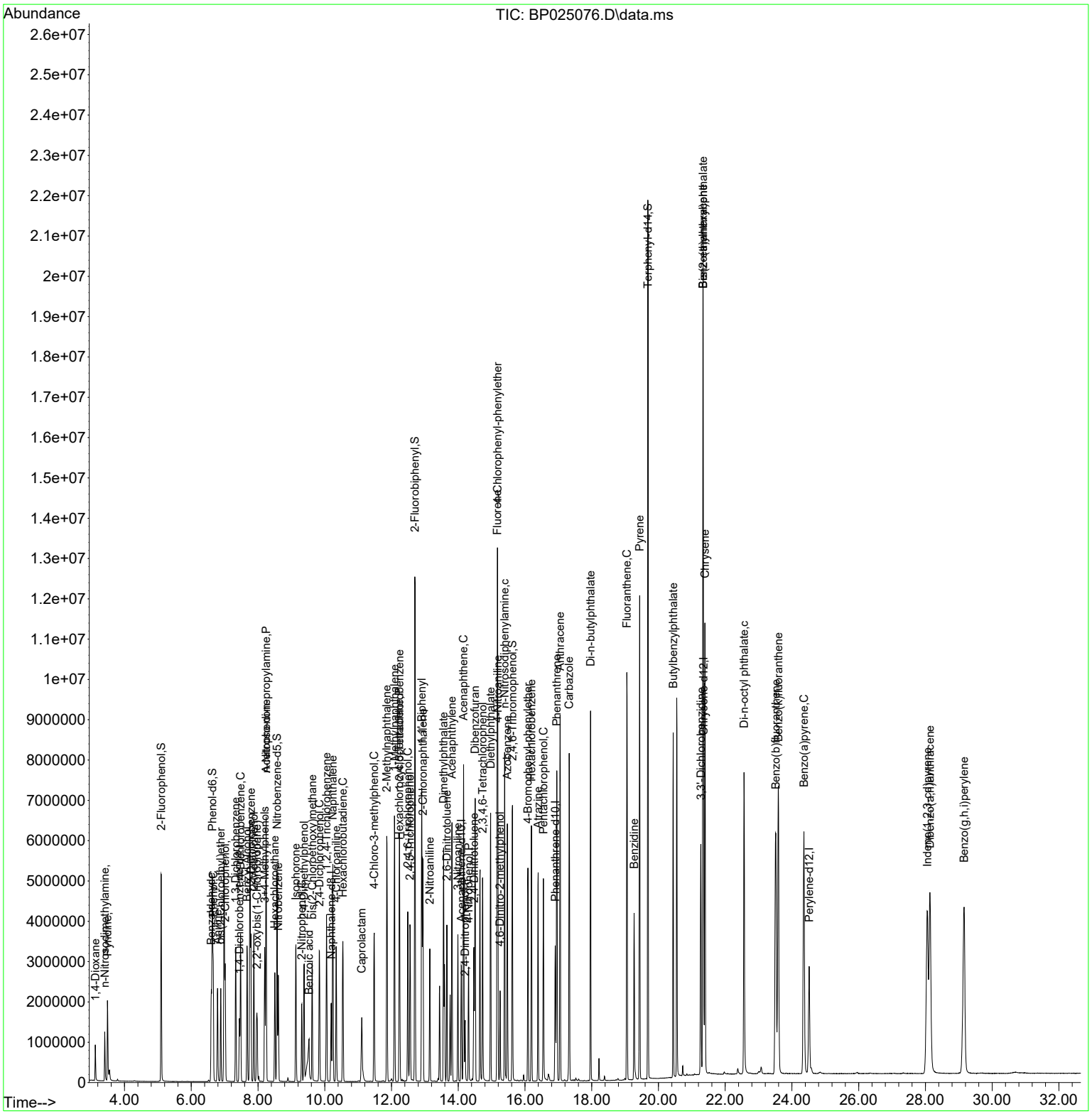
(#) = qualifier out of range (m) = manual integration (+) = signals summed

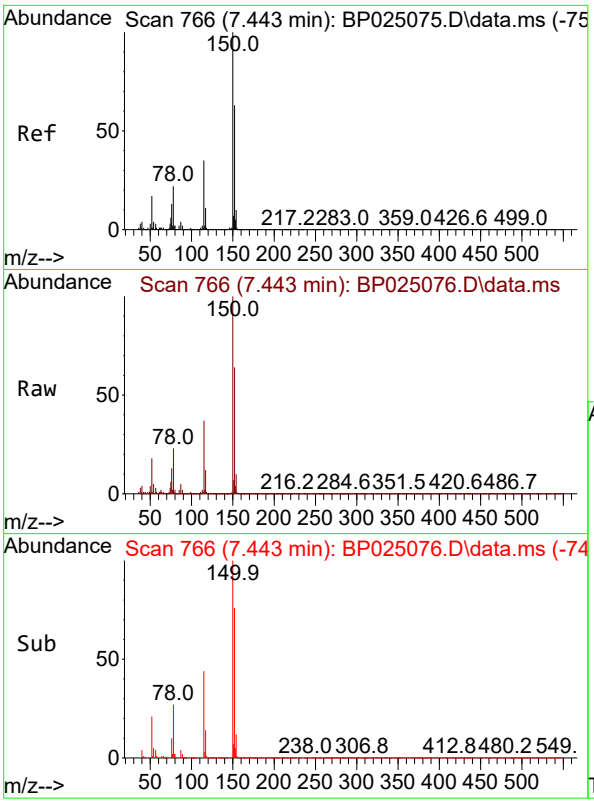
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025076.D
Acq On : 03 Jul 2025 13:07
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jul 03 15:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



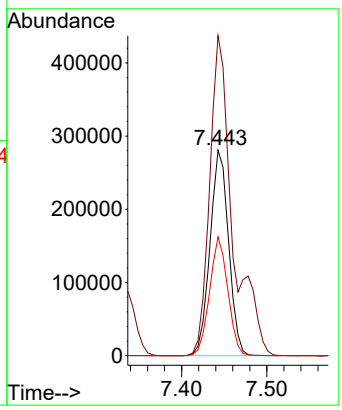


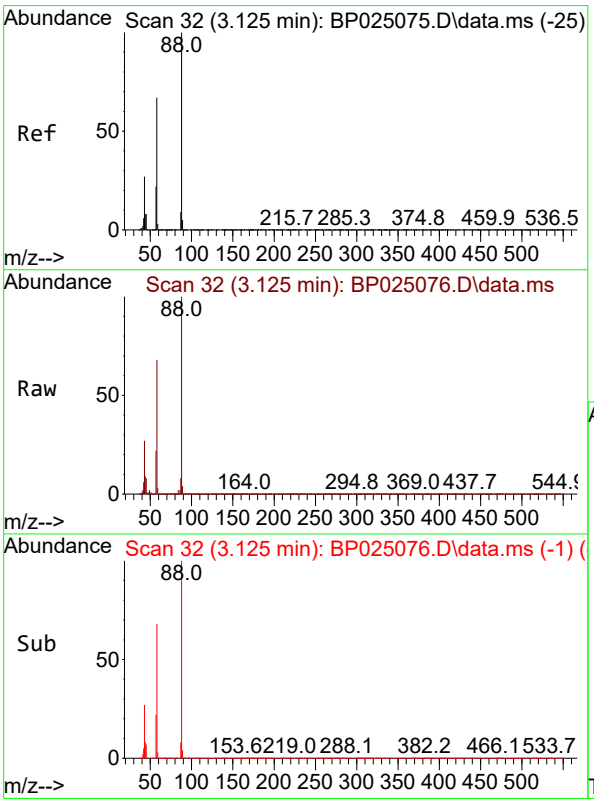
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 426915

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.1	189.1
115	57.8	44.3	66.5

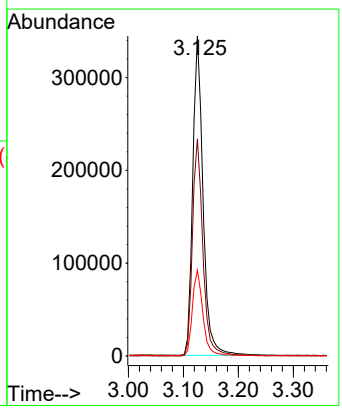


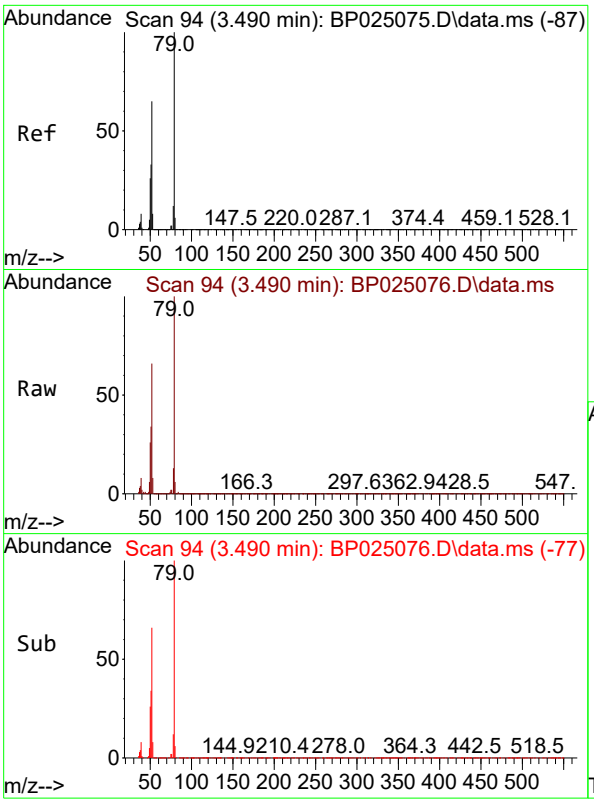


#2
1,4-Dioxane
Concen: 47.849 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 88 Resp: 448307

Ion	Ratio	Lower	Upper
88	100		
58	68.8	55.0	82.4
43	27.3	21.9	32.9



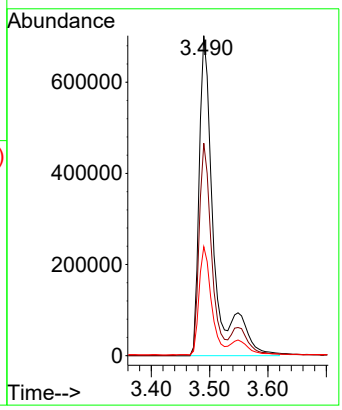


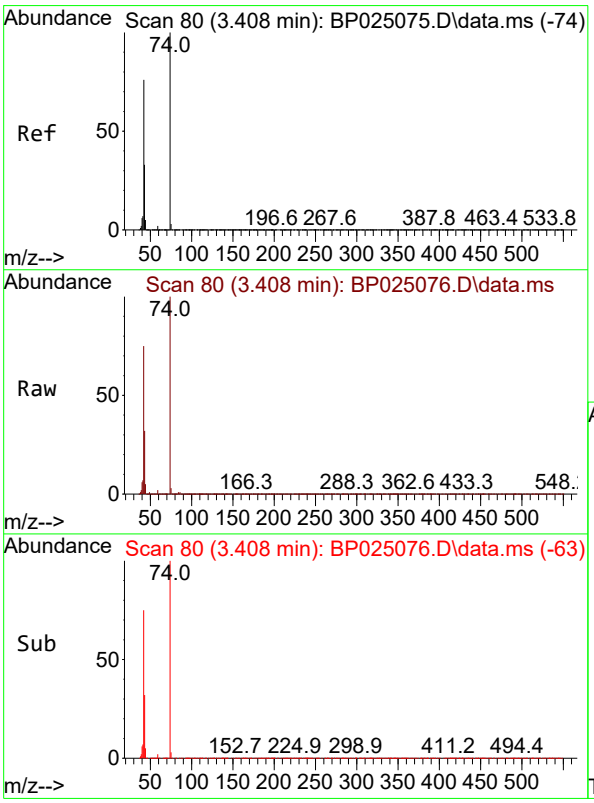
#3
Pyridine
Concen: 48.762 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1249873

Ion	Ratio	Lower	Upper
79	100		
52	66.4	52.2	78.4
51	34.0	26.8	40.2

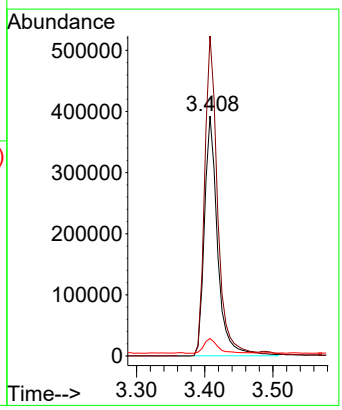


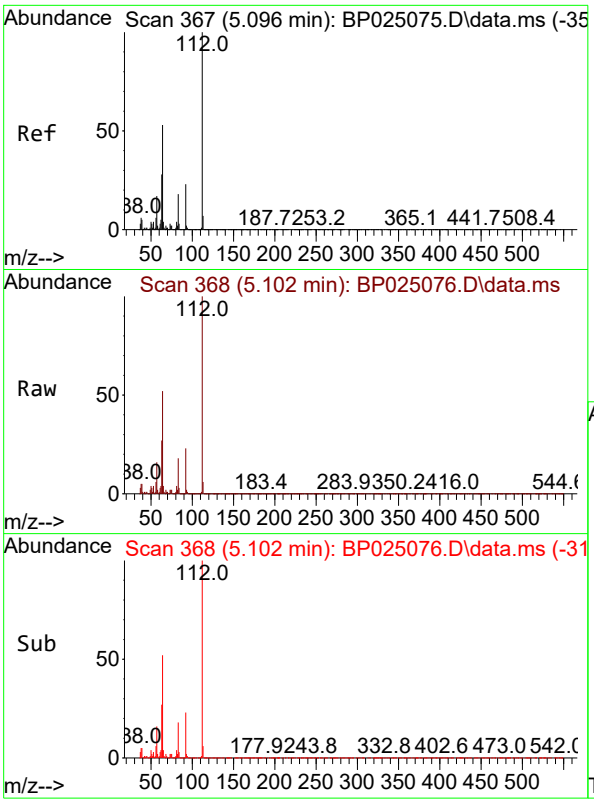


#4
n-Nitrosodimethylamine
Concen: 48.471 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 42 Resp: 526435

Ion	Ratio	Lower	Upper
42	100		
74	133.4	105.2	157.8
44	7.2	6.6	9.8



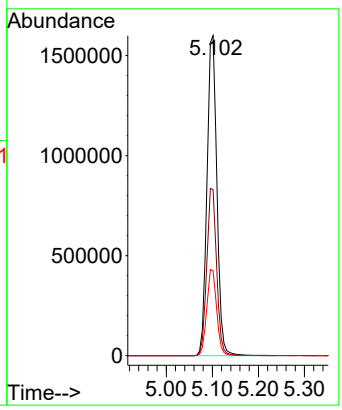


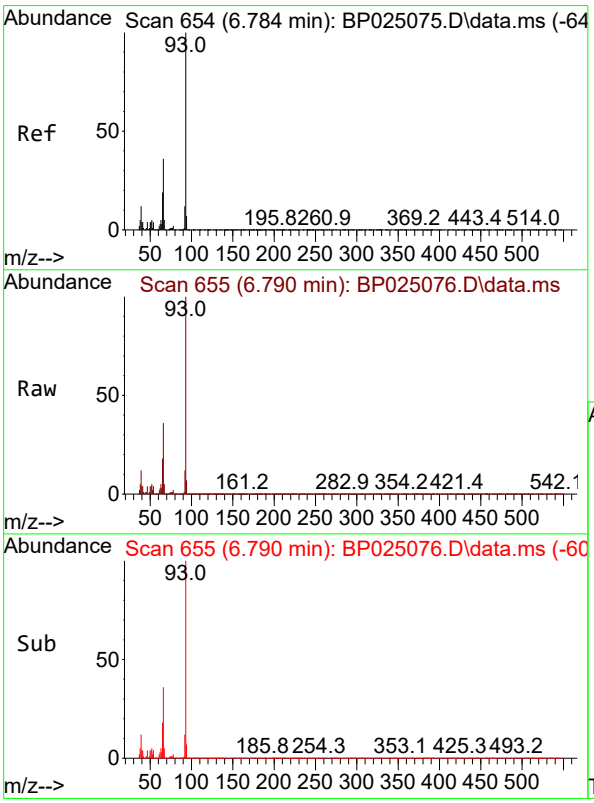
#5
2-Fluorophenol
Concen: 99.811 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 2404869

Ion	Ratio	Lower	Upper
112	100		
64	51.9	42.0	63.0
63	26.6	22.2	33.2

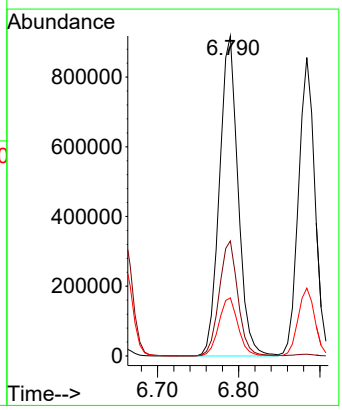


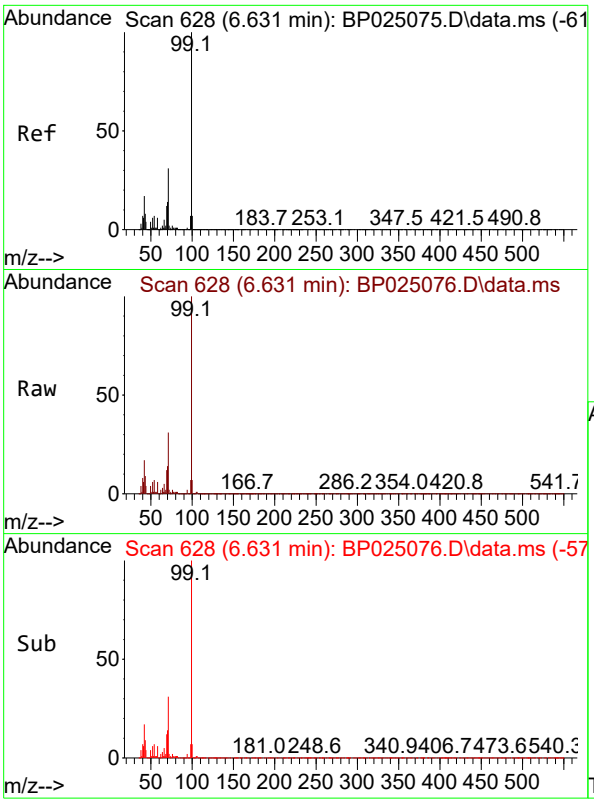


#6
Aniline
Concen: 49.800 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 93 Resp: 1463015

Ion	Ratio	Lower	Upper
93	100		
66	36.0	28.9	43.3
65	18.2	15.2	22.8



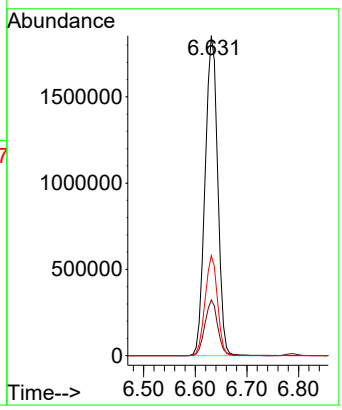


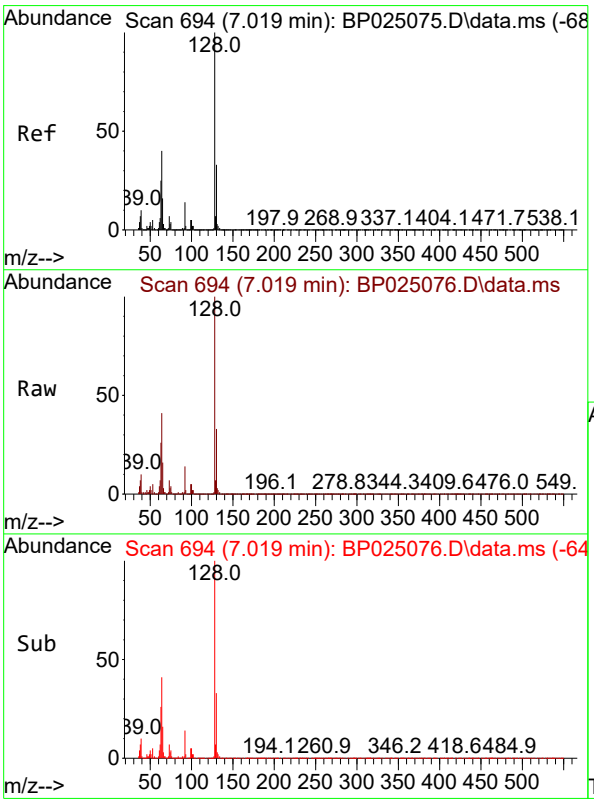
#7
Phenol-d6
Concen: 99.945 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 3142540

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.6	20.4
71	31.2	24.4	36.6

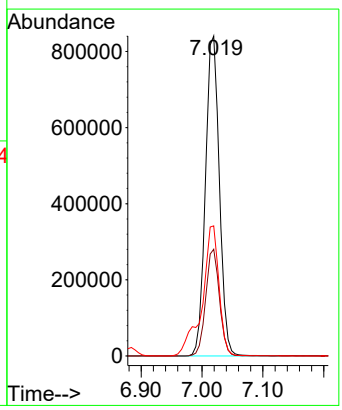


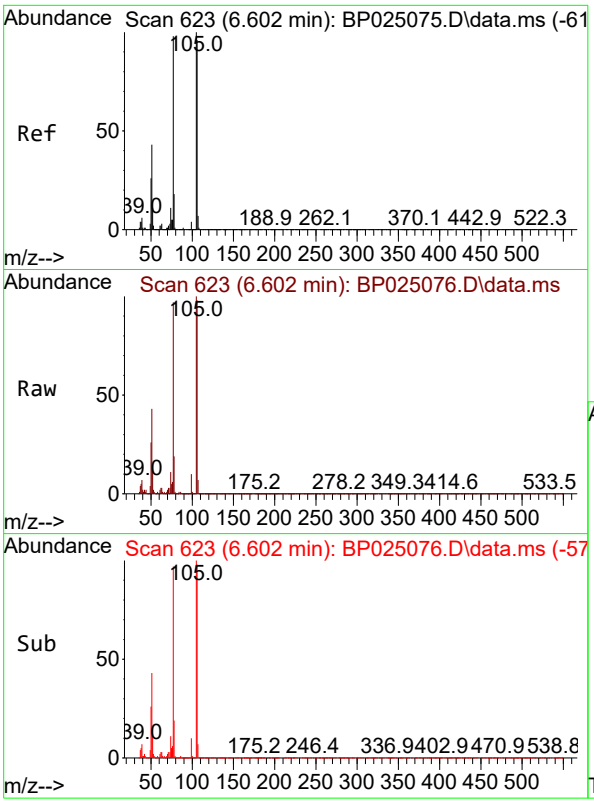


#8
2-Chlorophenol
Concen: 49.491 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:128 Resp: 1334192

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.9	52.9
64	40.6	20.3	60.3



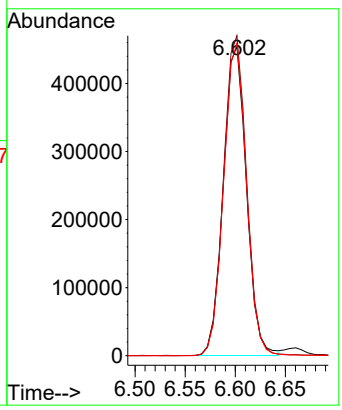


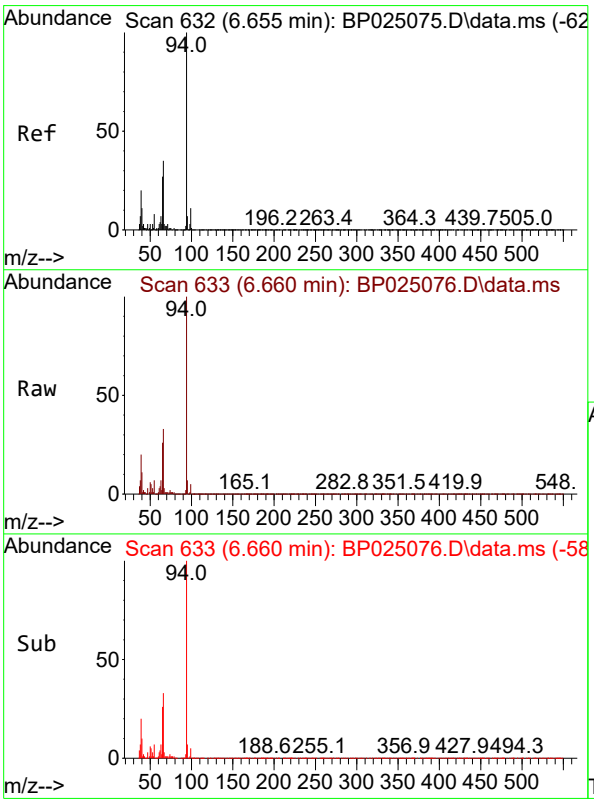
#9
Benzaldehyde
Concen: 44.476 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 730343

Ion	Ratio	Lower	Upper
77	100		
105	103.5	82.4	122.4
106	100.9	78.3	118.3

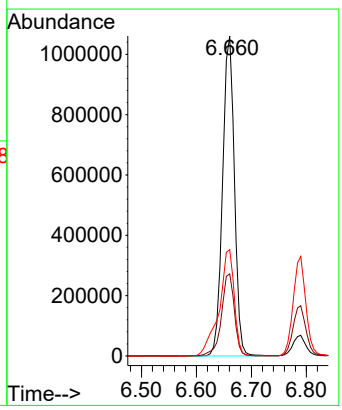


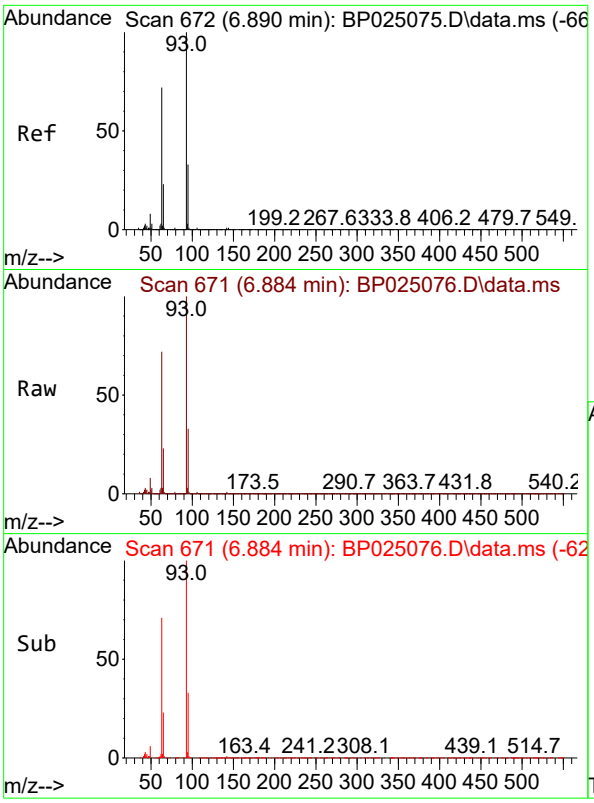


#10
Phenol
Concen: 49.596 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 94 Resp: 1584515

Ion	Ratio	Lower	Upper
94	100		
65	25.6	6.9	46.9
66	33.2	14.6	54.6



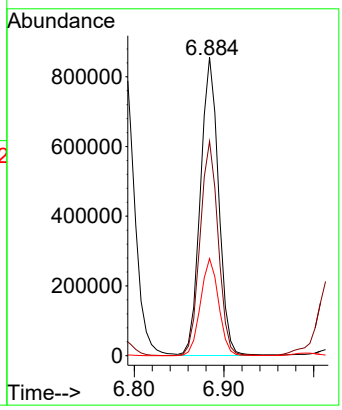


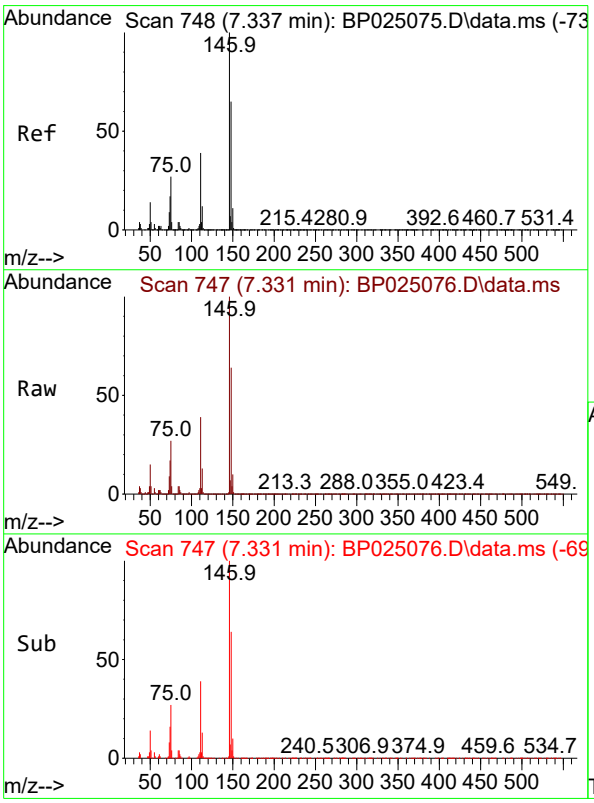
#11
bis(2-Chloroethyl)ether
Concen: 49.001 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 1204826

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	32.6	12.4	52.4

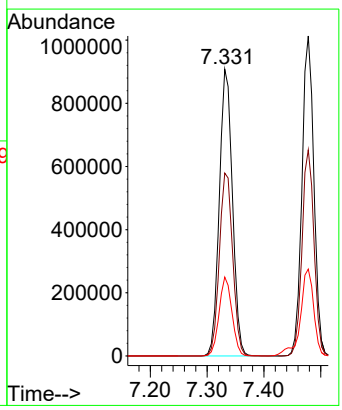


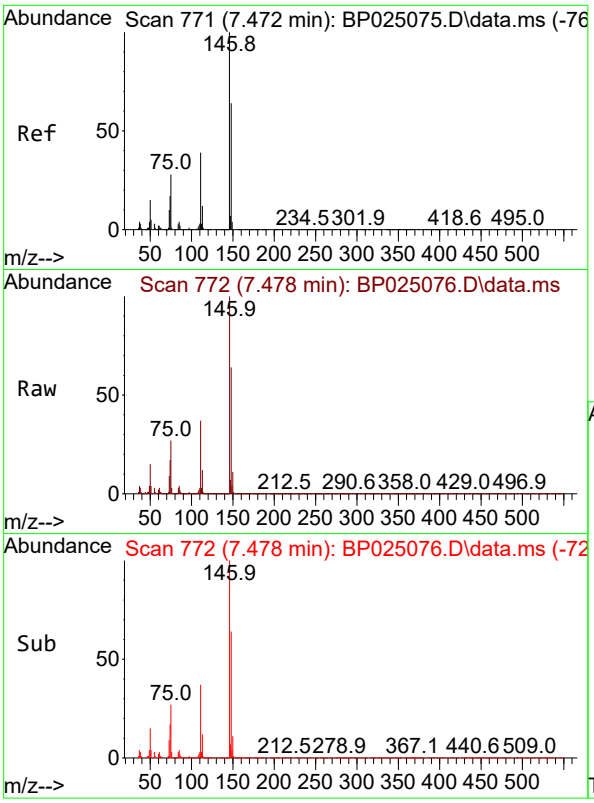


#12
1,3-Dichlorobenzene
Concen: 48.321 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:146 Resp: 1457893

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	27.5	21.8	32.6



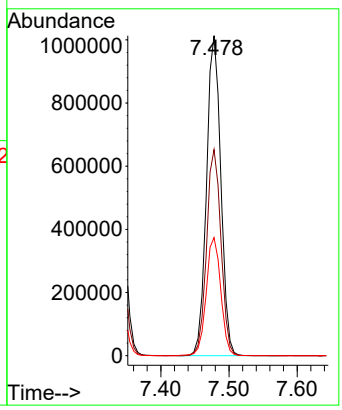


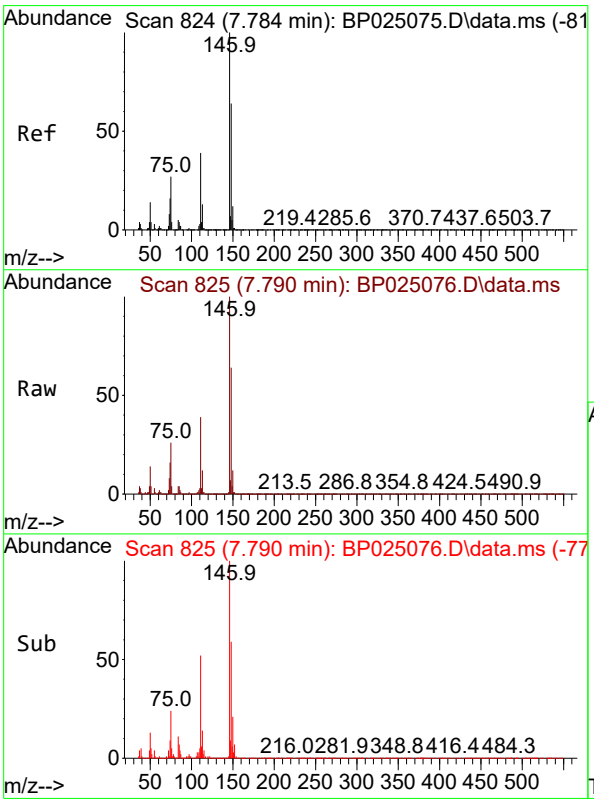
#13
1,4-Dichlorobenzene
Concen: 48.343 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 1476720

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	36.9	31.2	46.8

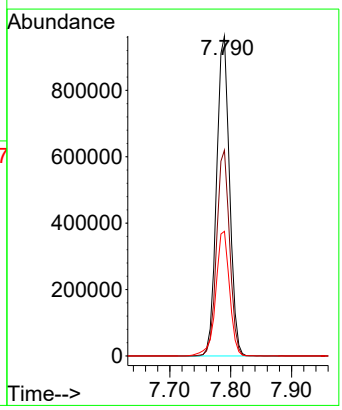


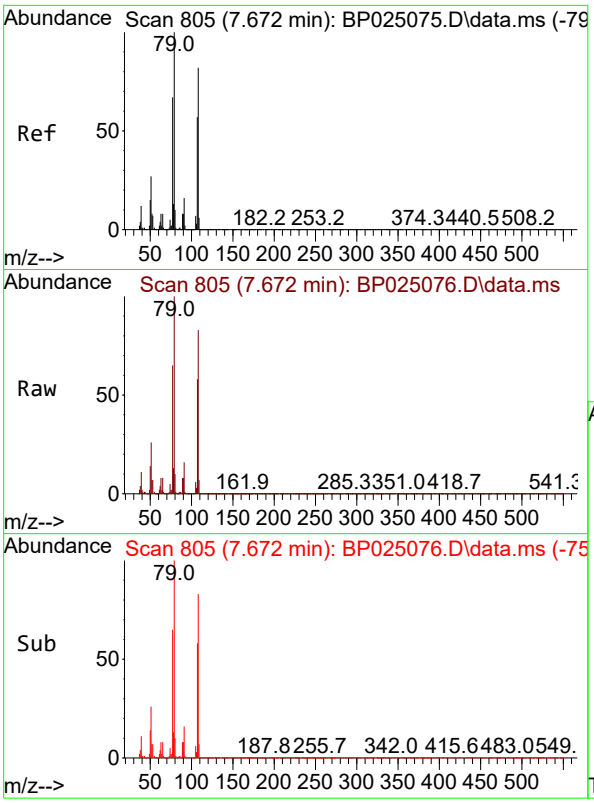


#14
1,2-Dichlorobenzene
Concen: 48.270 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:146 Resp: 1418407

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	39.0	31.2	46.8



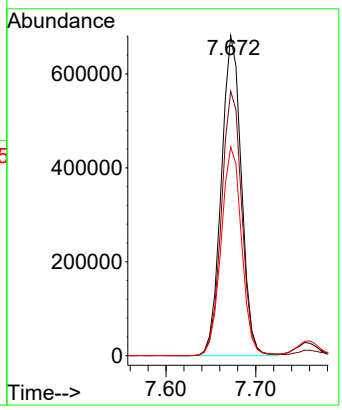


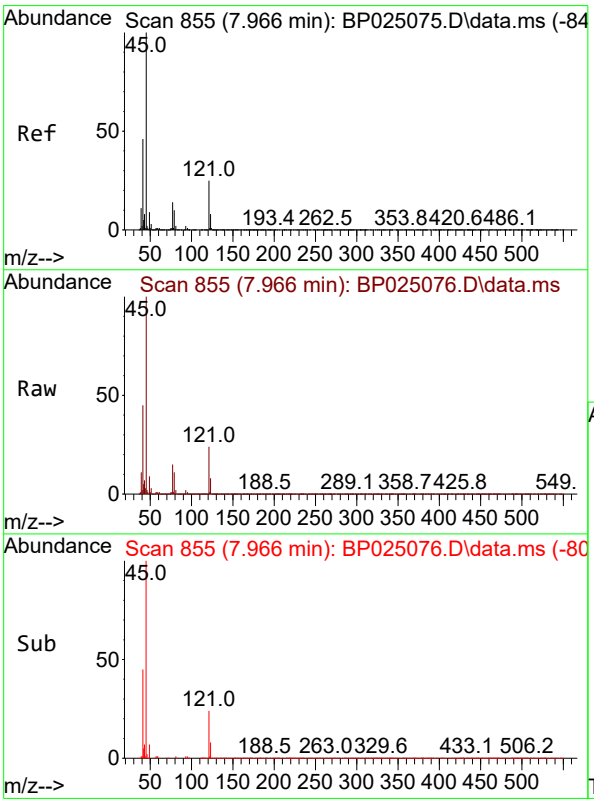
#15
Benzyl Alcohol
Concen: 50.356 ng
RT: 7.672 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1056771

Ion	Ratio	Lower	Upper
79	100		
108	82.7	66.0	99.0
77	65.3	53.4	80.2

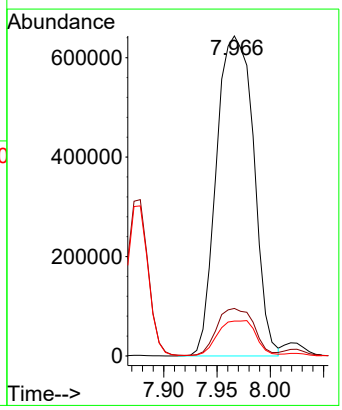


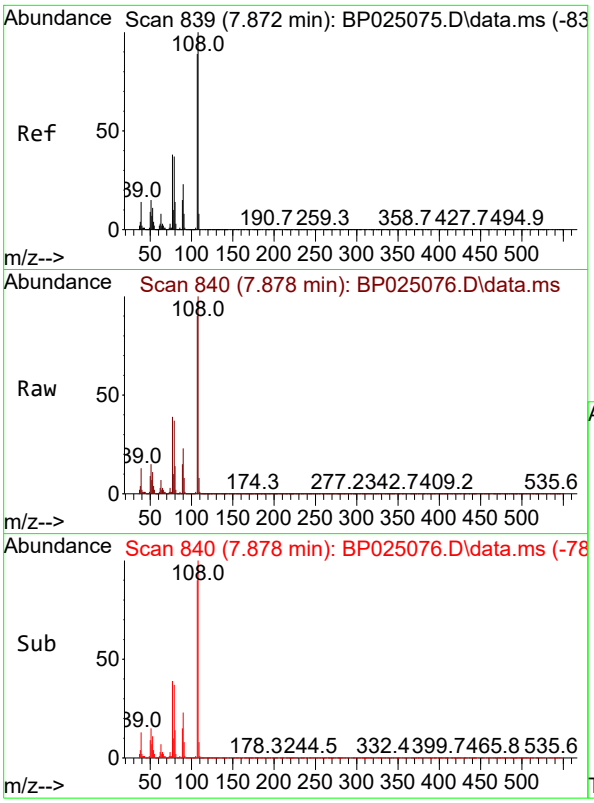


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.796 ng
RT: 7.966 min Scan# 855
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 45 Resp: 1560041

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.8
79	10.9	0.0	30.7



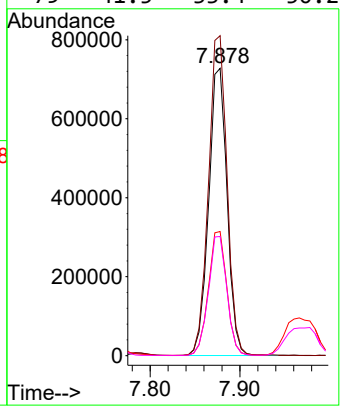


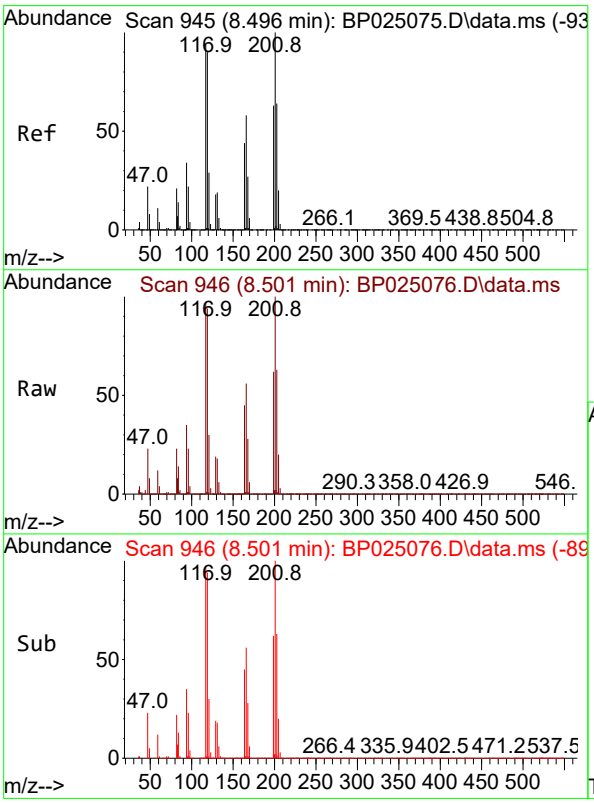
#17
2-Methylphenol
Concen: 50.517 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 1039628

Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.7	134.5
77	43.2	34.2	51.4
79	41.5	33.4	50.2

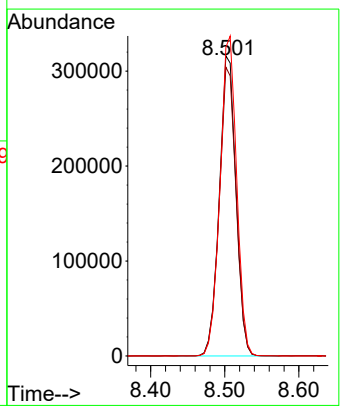


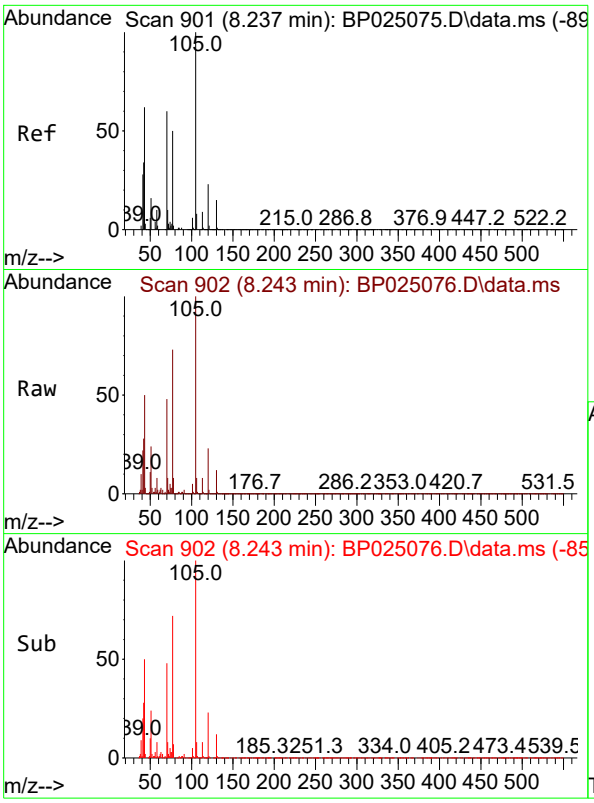


#18
Hexachloroethane
Concen: 49.671 ng
RT: 8.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:117 Resp: 494292

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	115.0
201	102.8	85.4	128.2



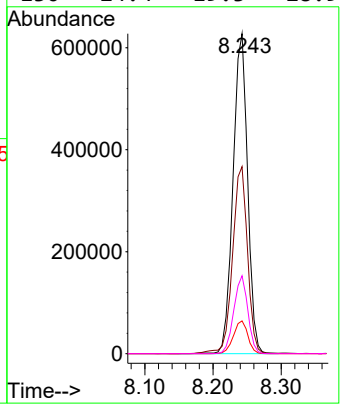


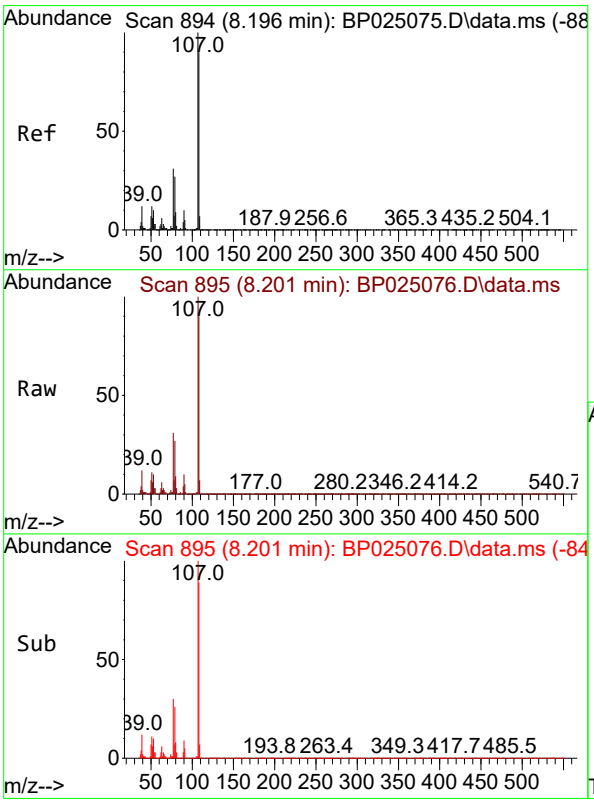
#19
n-Nitroso-di-n-propylamine
Concen: 49.874 ng
RT: 8.243 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 930000

Ion	Ratio	Lower	Upper
70	100		
42	58.5	46.5	69.7
101	10.2	7.9	11.9
130	24.4	19.3	28.9

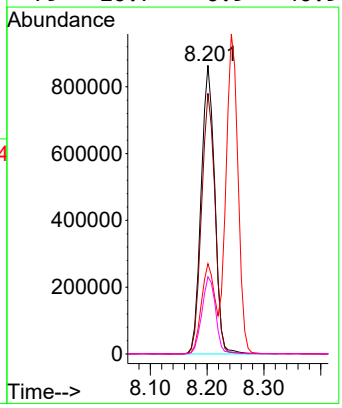


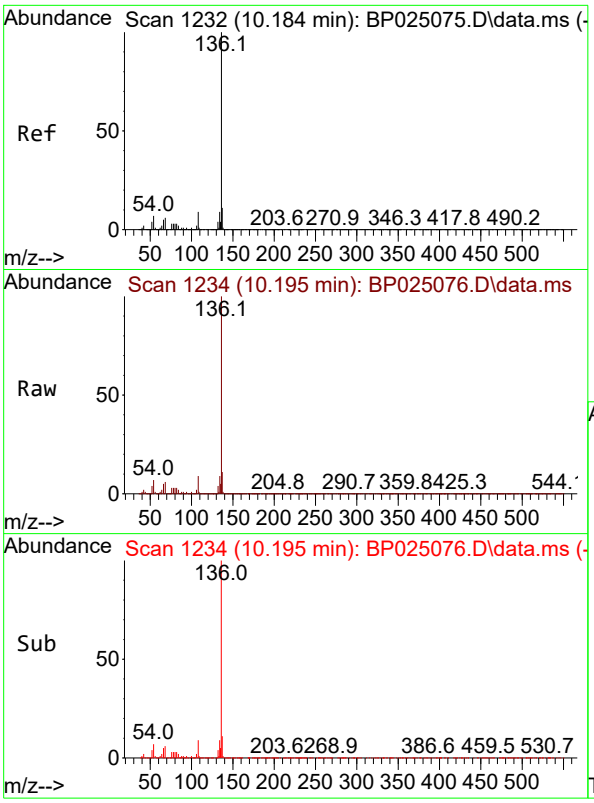


#20
3+4-Methylphenols
Concen: 49.653 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:107 Resp: 1431288

Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.5	109.5
77	31.3	11.4	51.4
79	26.7	6.9	46.9



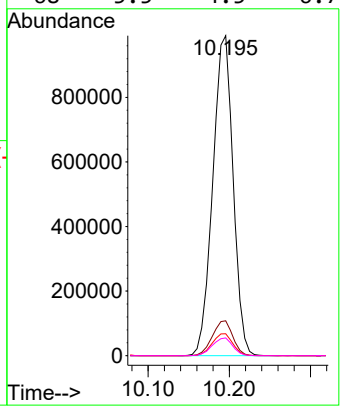


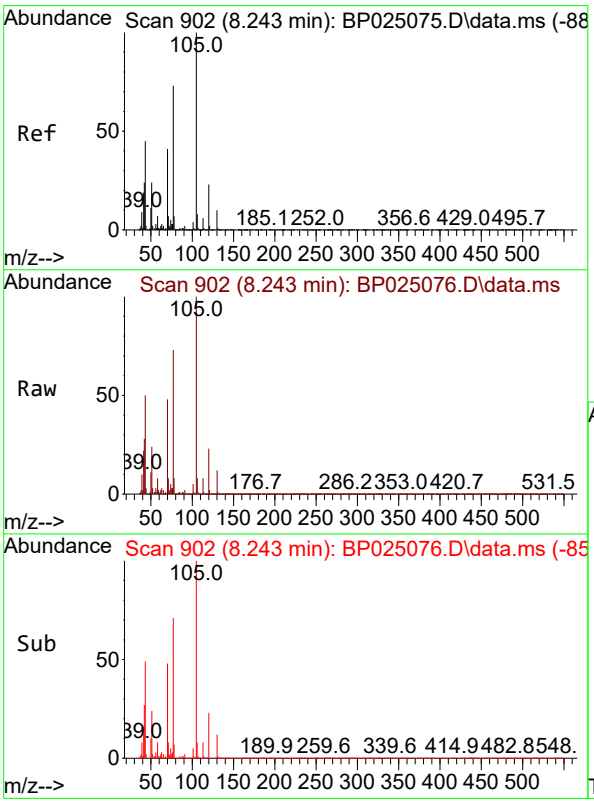
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.195 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 1726448

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.4	8.2
68	5.5	4.5	6.7

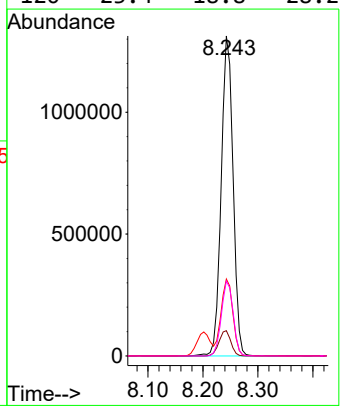


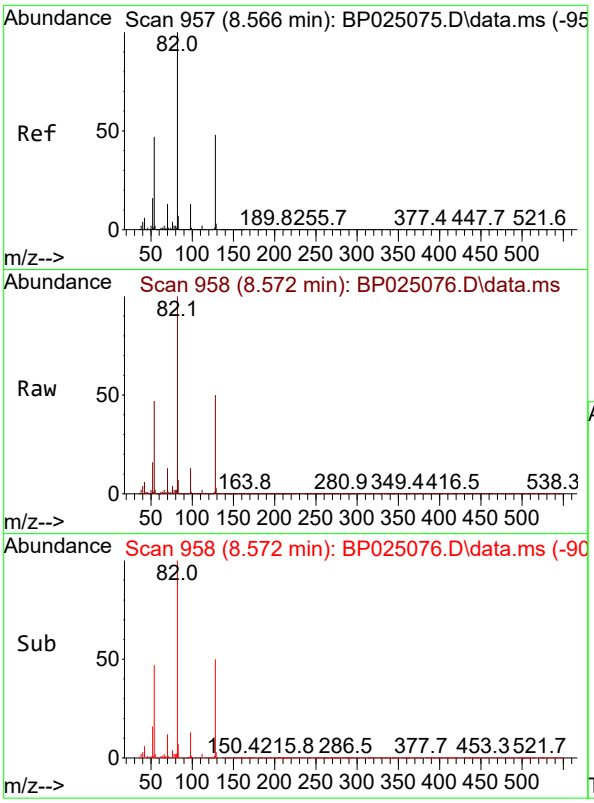


#22
Acetophenone
Concen: 48.182 ng
RT: 8.243 min Scan# 902
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:105 Resp: 1967270

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.4	8.2
51	24.1	19.6	29.4
120	23.4	18.8	28.2



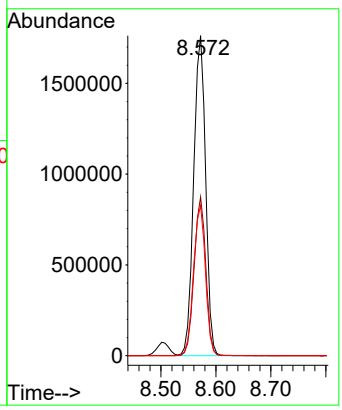


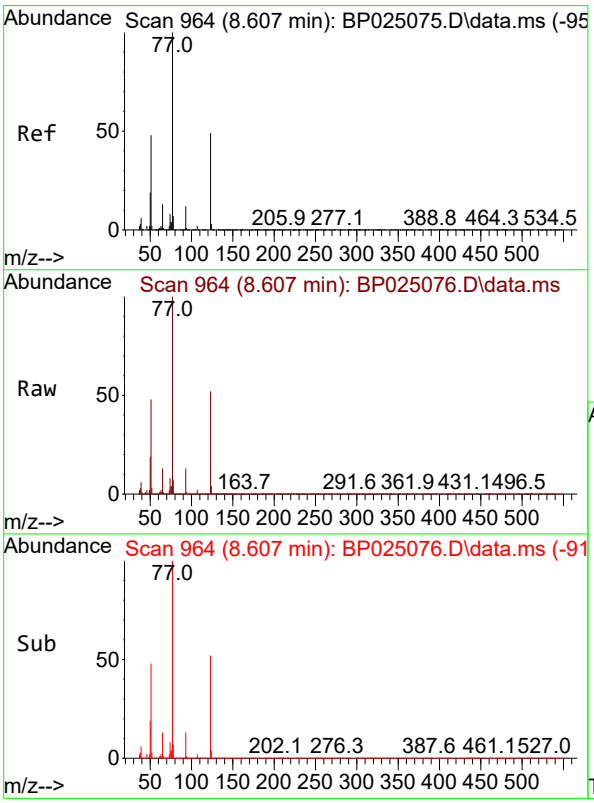
#23
Nitrobenzene-d5
Concen: 102.375 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2657612

Ion	Ratio	Lower	Upper
82	100		
128	49.6	38.4	57.6
54	46.9	37.8	56.6

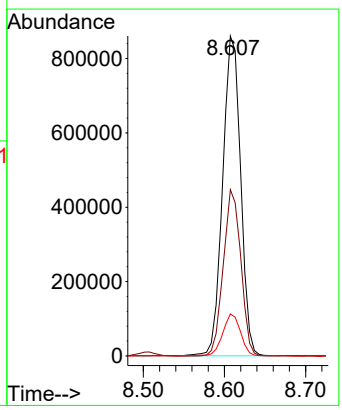


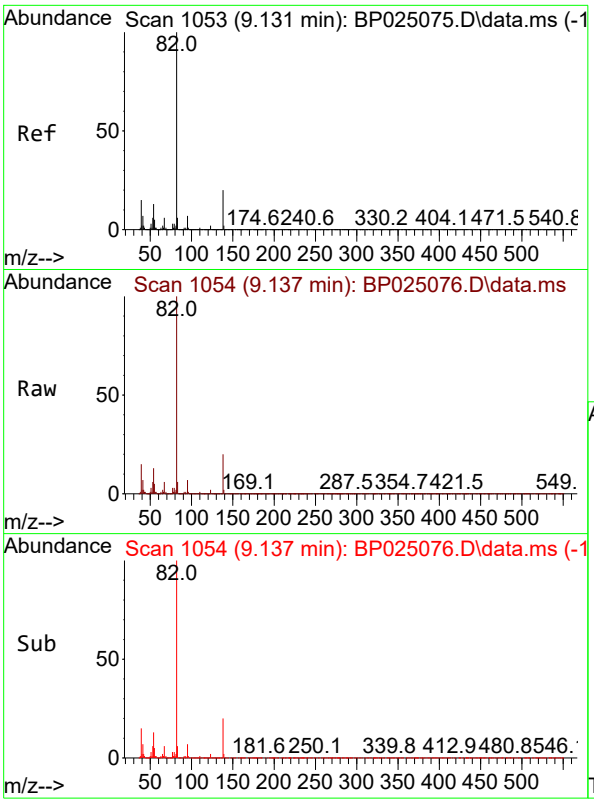


#24
Nitrobenzene
Concen: 50.040 ng
RT: 8.607 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 77 Resp: 1323155

Ion	Ratio	Lower	Upper
77	100		
123	52.0	39.0	58.6
65	13.1	10.7	16.1



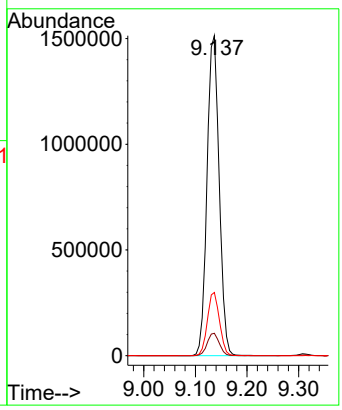


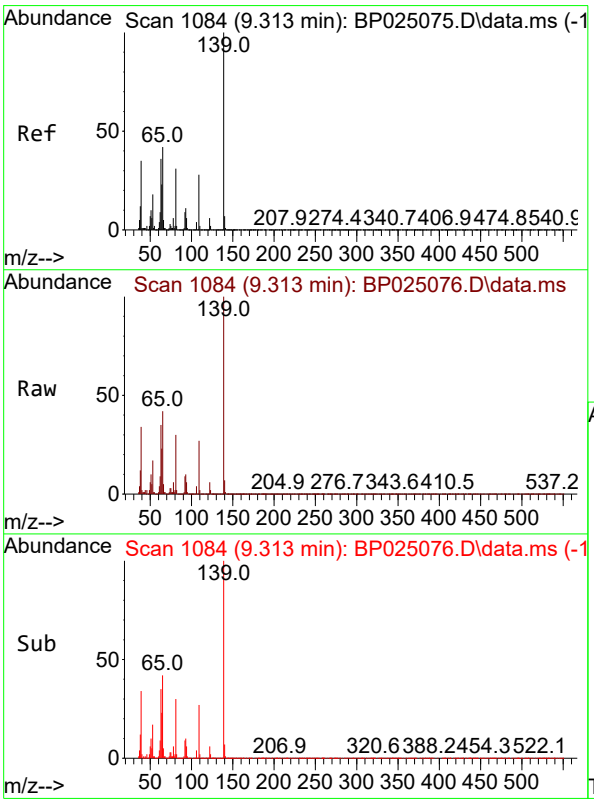
#25
Isophorone
Concen: 50.806 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2464795

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	19.8	15.7	23.5

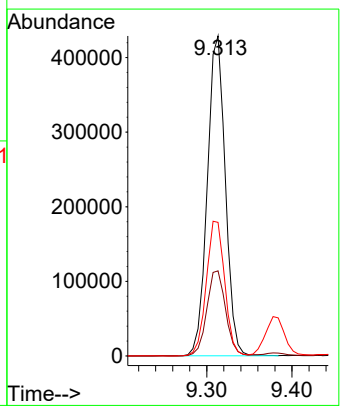


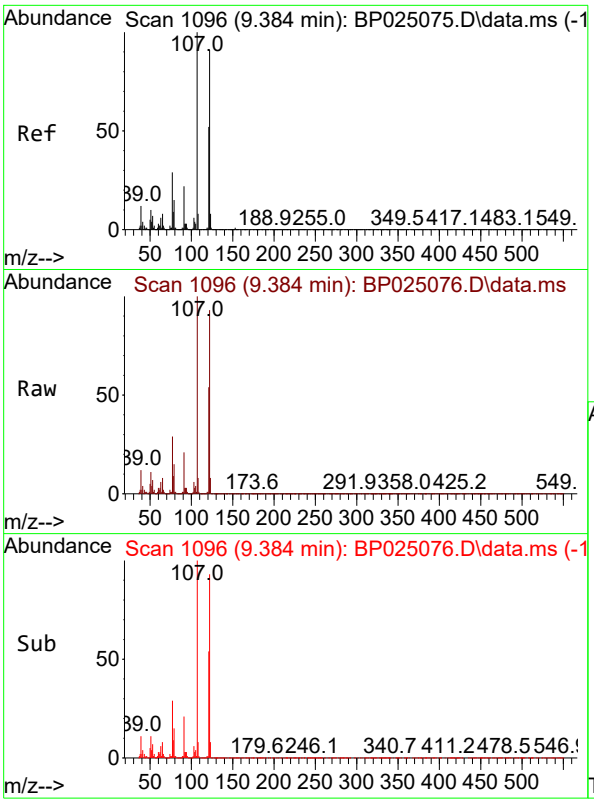


#26
2-Nitrophenol
Concen: 48.958 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:139 Resp: 629107

Ion	Ratio	Lower	Upper
139	100		
109	26.6	22.3	33.5
65	41.8	33.8	50.8



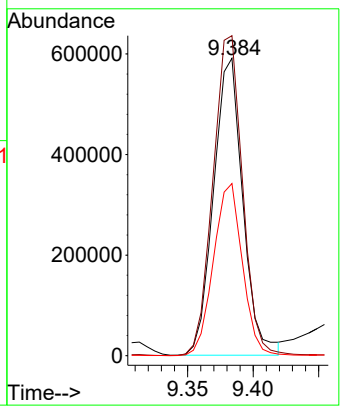


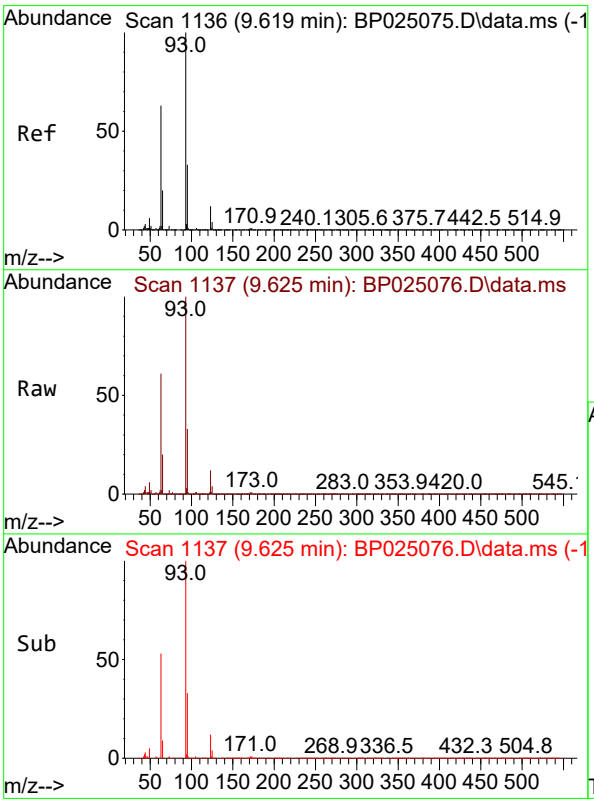
#27
2,4-Dimethylphenol
Concen: 50.760 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 918599

Ion	Ratio	Lower	Upper
122	100		
107	107.6	88.2	132.2
121	57.9	46.1	69.1

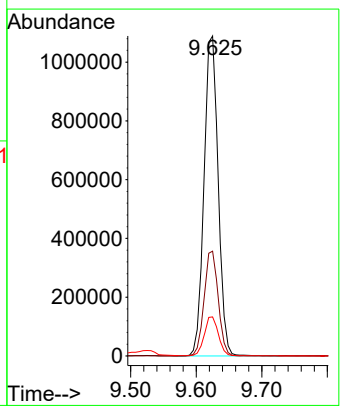


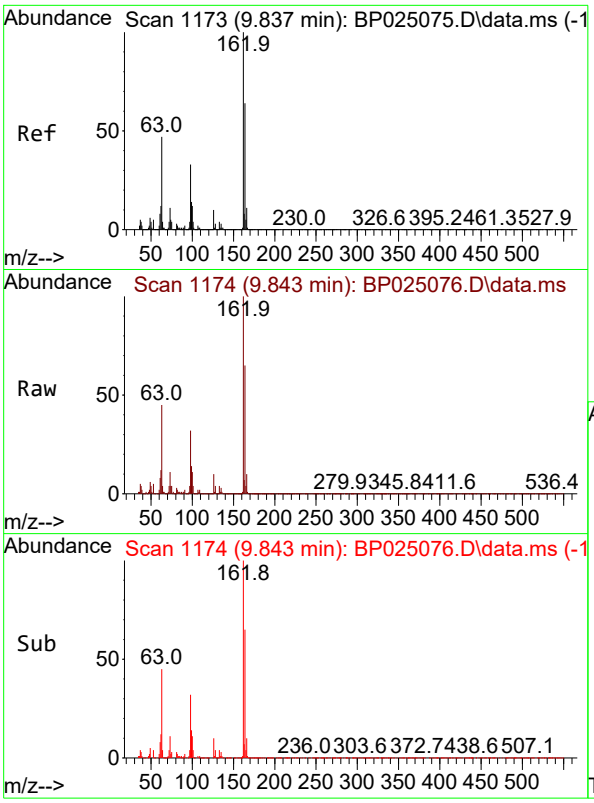


#28
bis(2-Chloroethoxy)methane
Concen: 49.669 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 93 Resp: 1636120

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.2	10.1	15.1



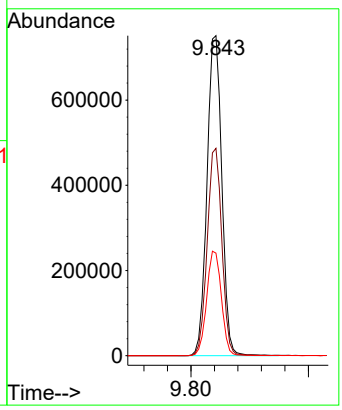


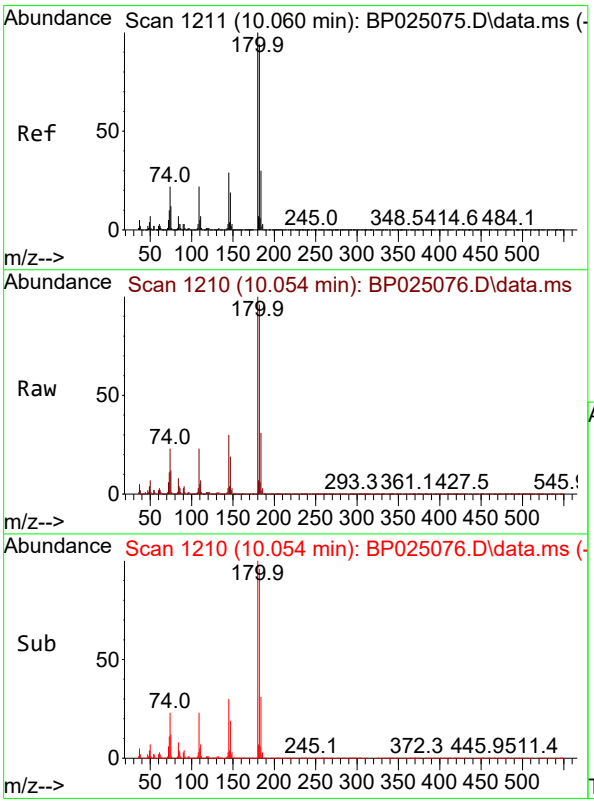
#29
2,4-Dichlorophenol
Concen: 52.364 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 1314014

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	32.0	13.1	53.1

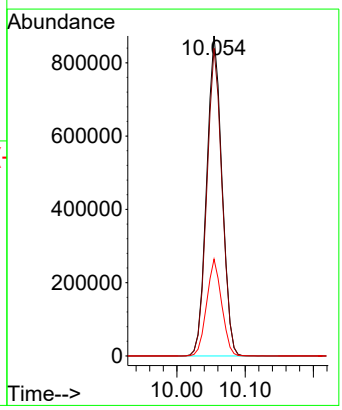


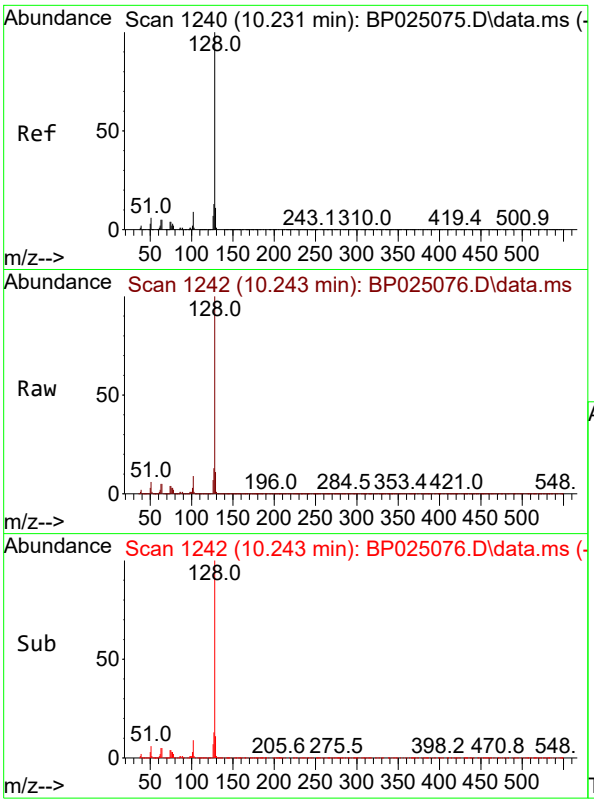


#30
1,2,4-Trichlorobenzene
Concen: 49.122 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:180 Resp: 1365048

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.1	112.7
145	30.2	23.3	34.9



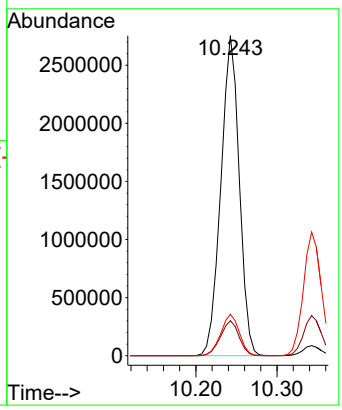


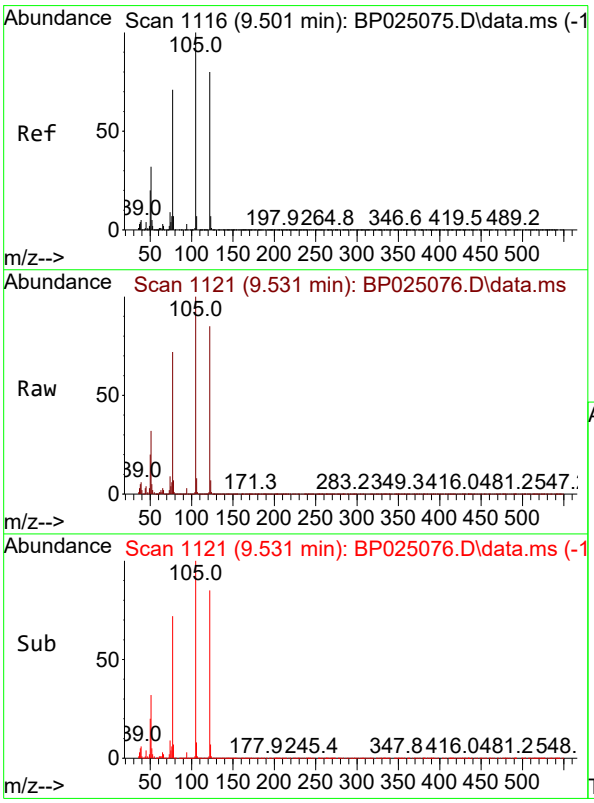
#31
Naphthalene
Concen: 48.793 ng
RT: 10.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 4337583

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.9	10.4	15.6

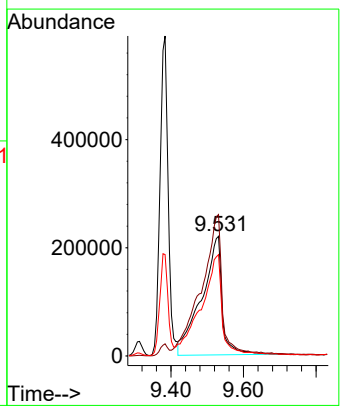


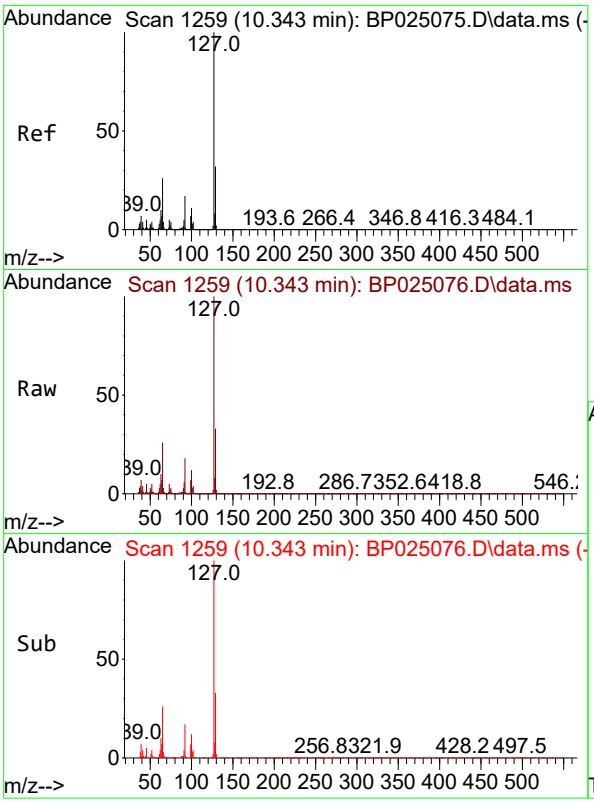


#32
Benzoic acid
Concen: 49.693 ng
RT: 9.531 min Scan# 1121
Delta R.T. 0.030 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:122 Resp: 859495

Ion	Ratio	Lower	Upper
122	100		
105	118.2	101.0	141.0
77	84.7	67.6	107.6



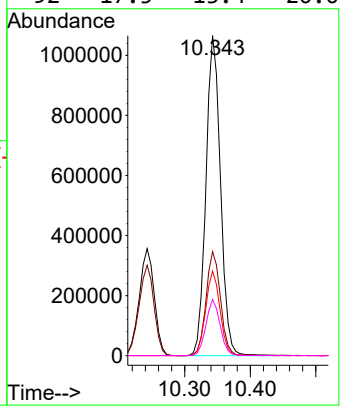


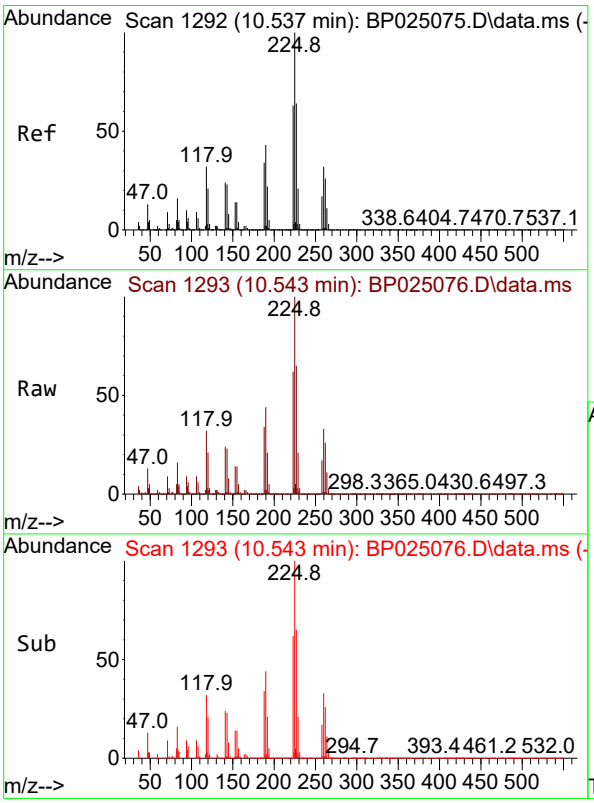
#33
4-Chloroaniline
Concen: 49.611 ng
RT: 10.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1645871

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	26.5	21.0	31.6
92	17.5	13.4	20.0

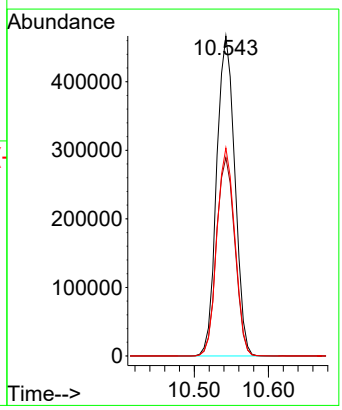


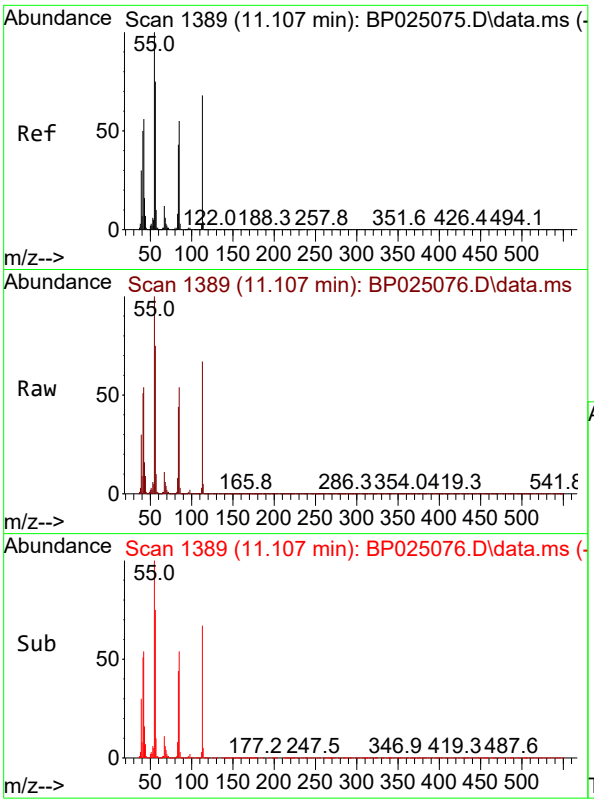


#34
Hexachlorobutadiene
Concen: 49.768 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:225 Resp: 793648

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	65.0	51.3	76.9



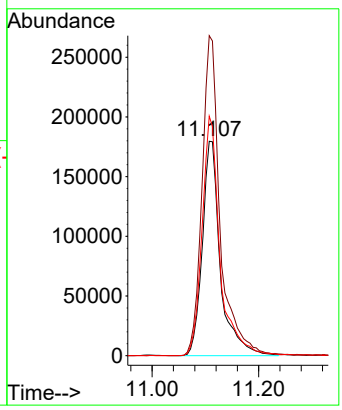


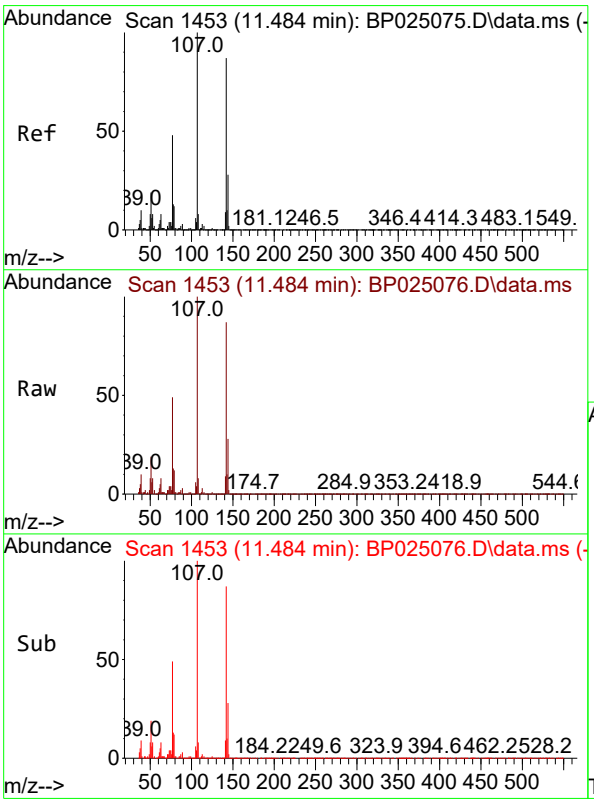
#35
Caprolactam
Concen: 49.189 ng
RT: 11.107 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 422268

Ion	Ratio	Lower	Upper
113	100		
55	149.2	128.1	168.1
56	111.6	90.7	130.7

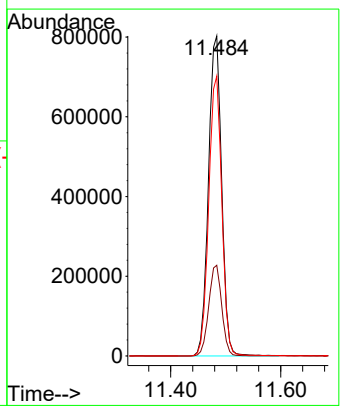


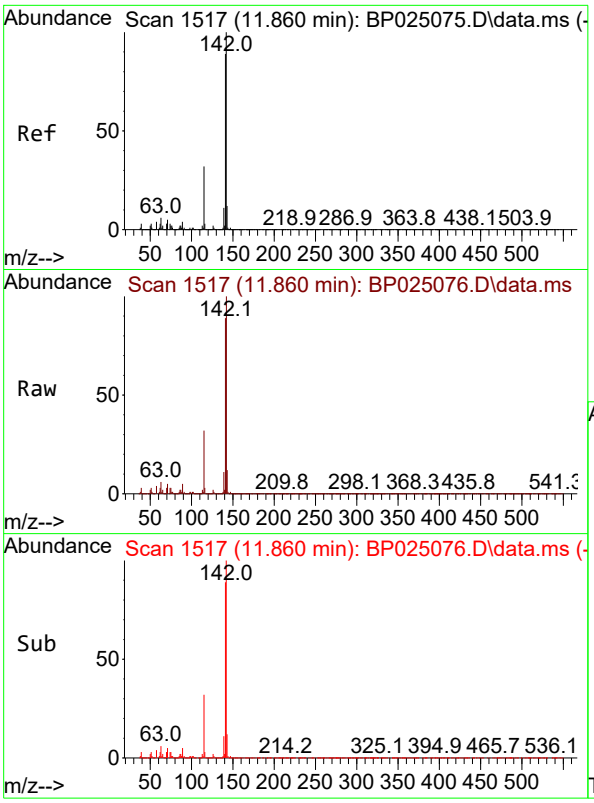


#36
4-Chloro-3-methylphenol
Concen: 50.915 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:107 Resp: 1335155

Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.4	33.6
142	87.5	69.6	104.4



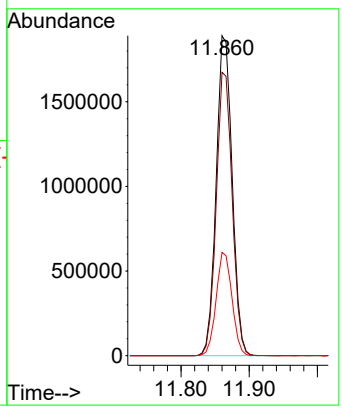


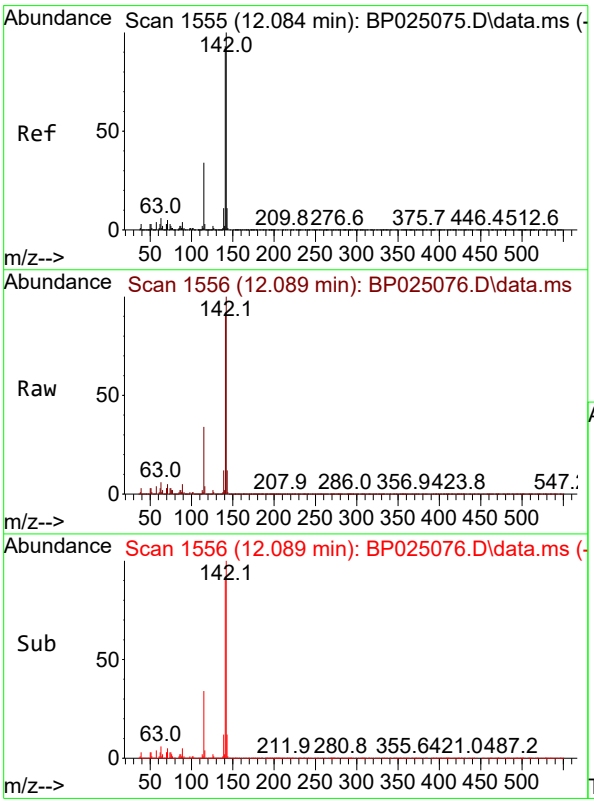
#37
2-Methylnaphthalene
Concen: 49.170 ng
RT: 11.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 3084171

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8
115	32.3	25.9	38.9

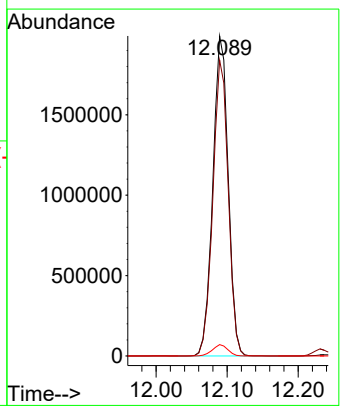


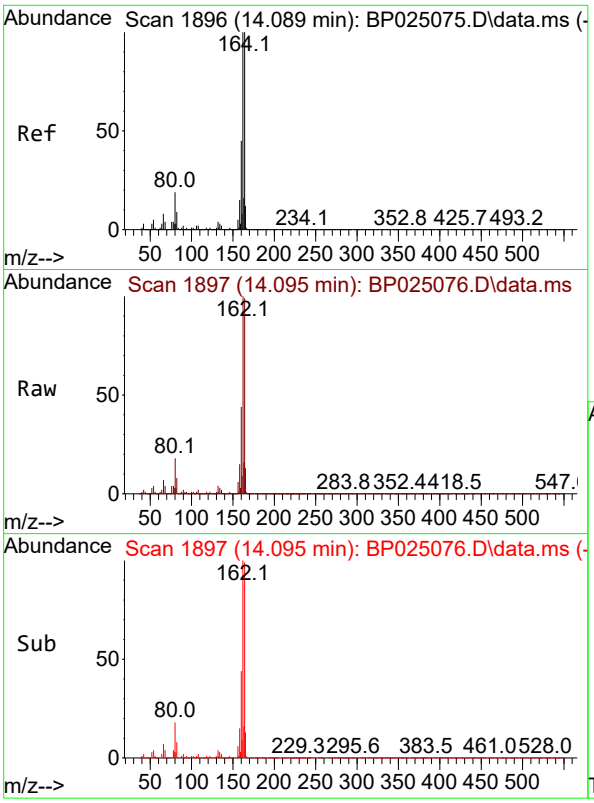


#38
1-Methylnaphthalene
Concen: 48.774 ng
RT: 12.089 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:142 Resp: 2983697

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.1	111.1
116	3.5	2.7	4.1



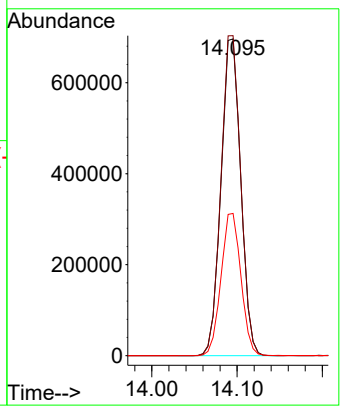


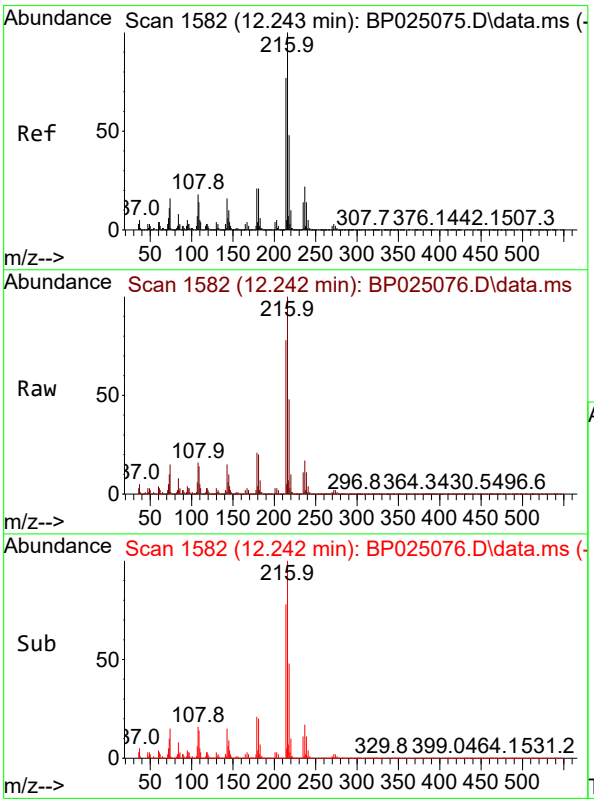
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 1117104

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	44.9	35.9	53.9

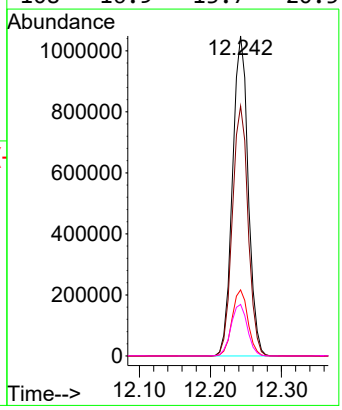


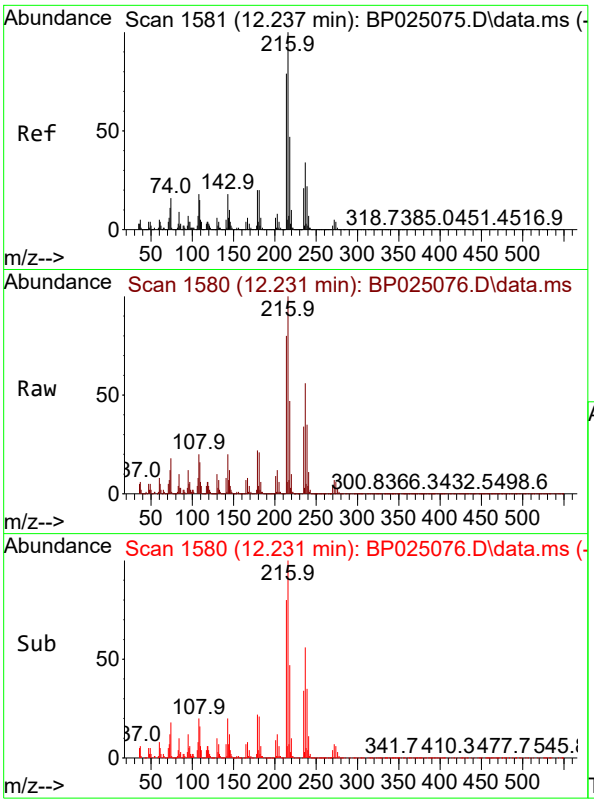


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.237 ng
RT: 12.242 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:216 Resp: 1612893

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.8	16.5	24.7
108	16.9	13.7	20.5



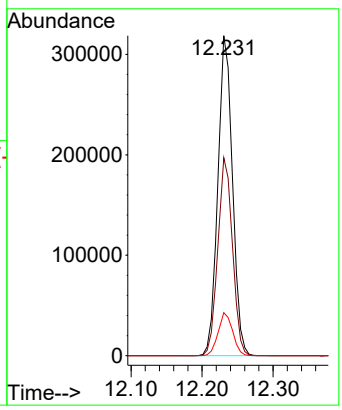


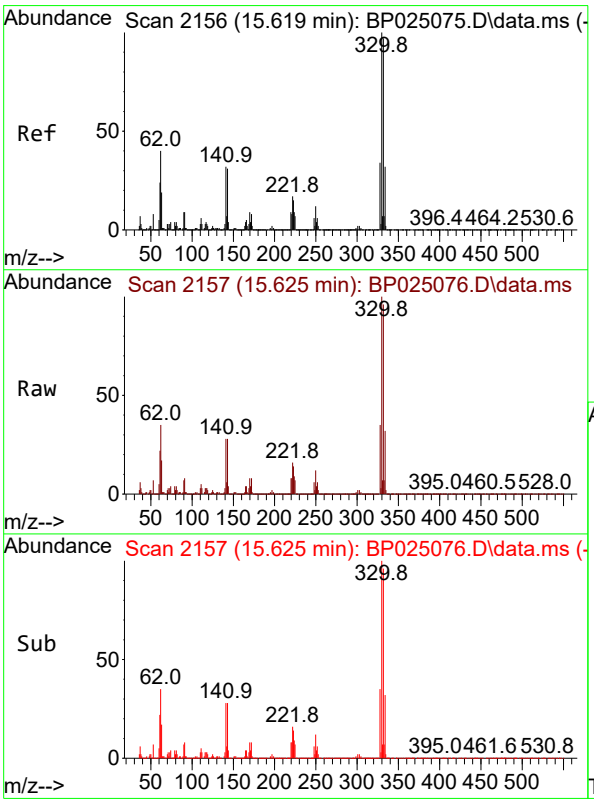
#41
Hexachlorocyclopentadiene
Concen: 53.975 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 452638

Ion	Ratio	Lower	Upper
237	100		
235	61.9	41.6	81.6
272	13.4	0.0	33.6

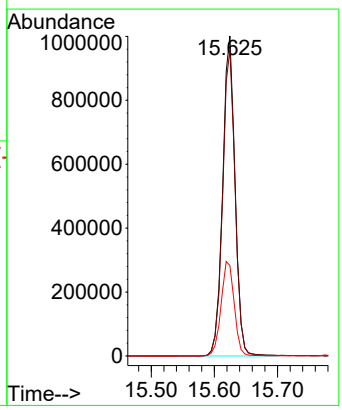


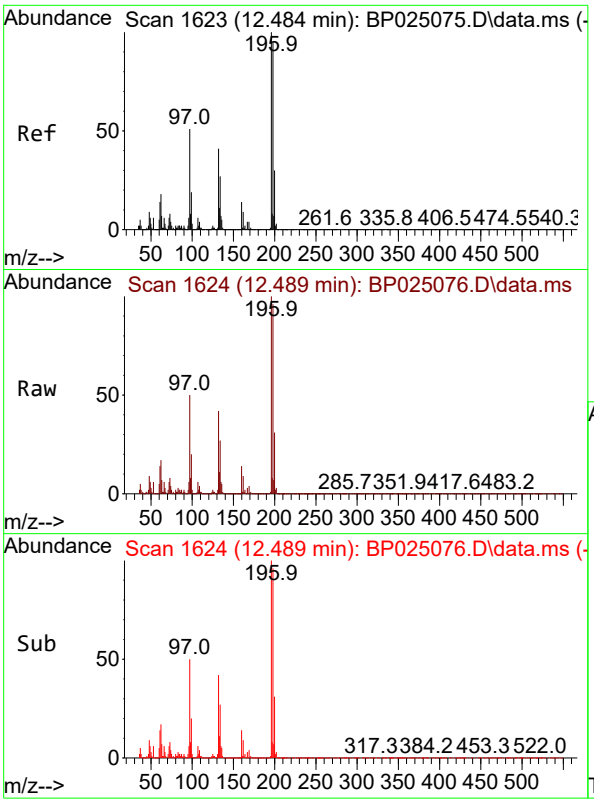


#42
2,4,6-Tribromophenol
Concen: 103.255 ng
RT: 15.625 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:330 Resp: 1362624

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.7	116.5
141	31.6	26.0	39.0



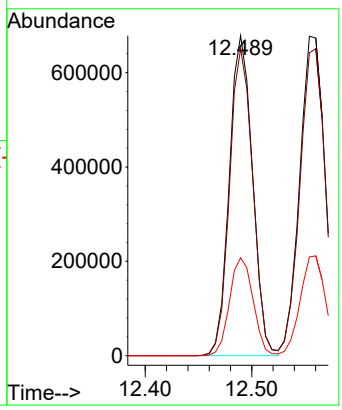


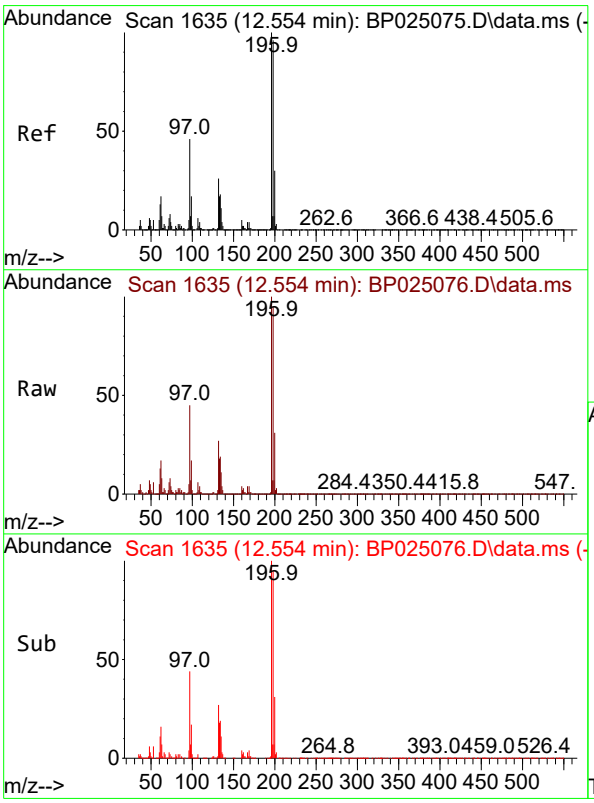
#43
2,4,6-Trichlorophenol
Concen: 52.823 ng
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 1026903

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	30.6	24.3	36.5

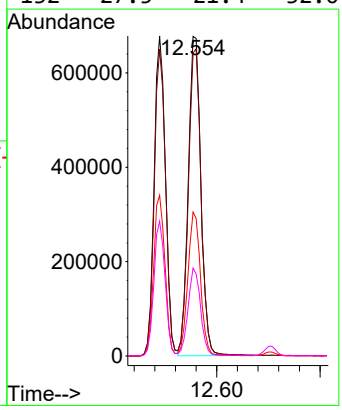


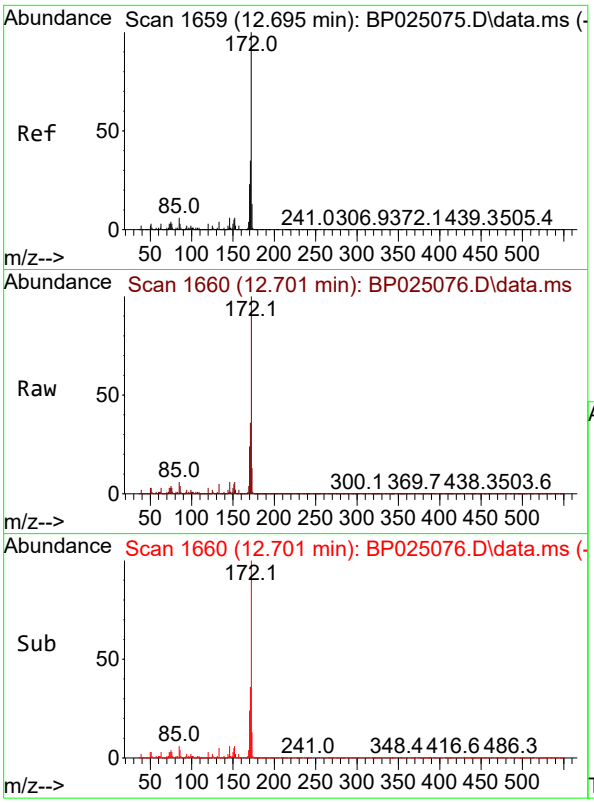


#44
2,4,5-Trichlorophenol
Concen: 52.275 ng
RT: 12.554 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:196 Resp: 1151711

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.6	115.0
97	45.0	36.6	55.0
132	27.5	21.4	32.0



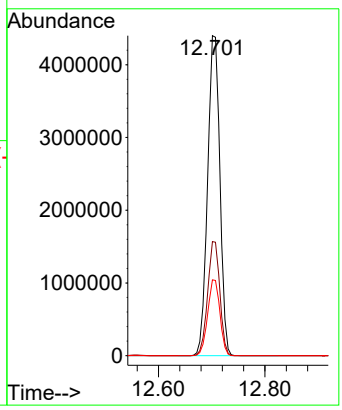


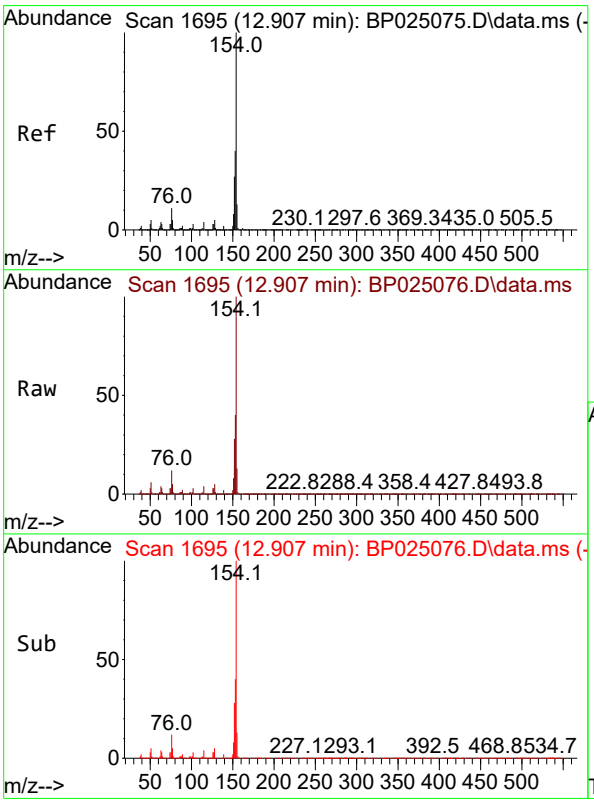
#45
2-Fluorobiphenyl
Concen: 97.594 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 7037498

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.7	18.7	28.1

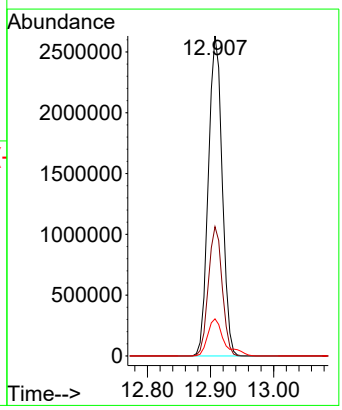


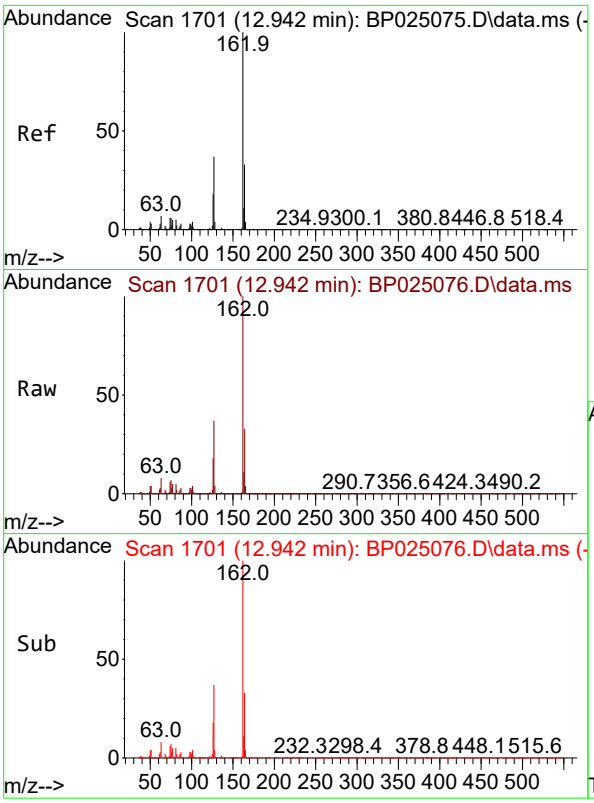


#46
1,1'-Biphenyl
Concen: 49.294 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:154 Resp: 4006544

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	11.6	0.0	31.5



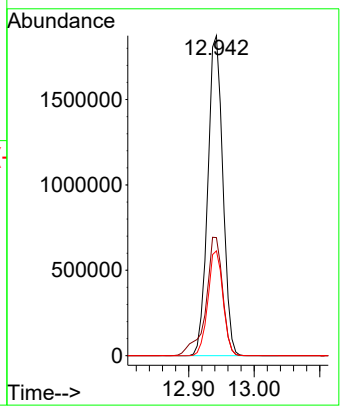


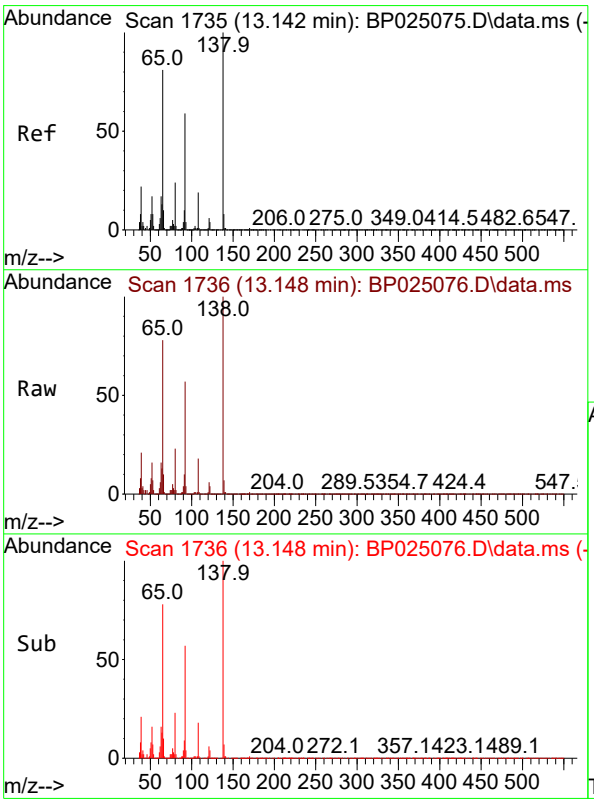
#47
2-Chloronaphthalene
Concen: 48.883 ng
RT: 12.942 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 2986246

Ion	Ratio	Lower	Upper
162	100		
127	36.9	29.4	44.2
164	32.7	26.4	39.6

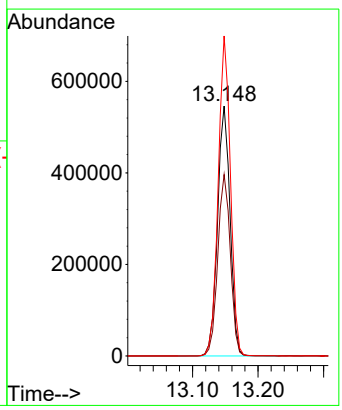


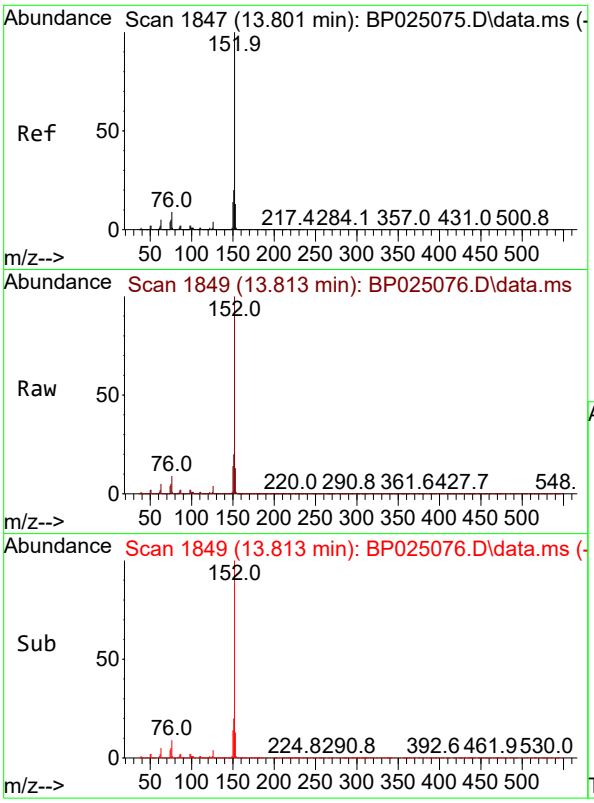


#48
2-Nitroaniline
Concen: 48.247 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 65 Resp: 722237

Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.7	88.1
138	128.1	99.0	148.4



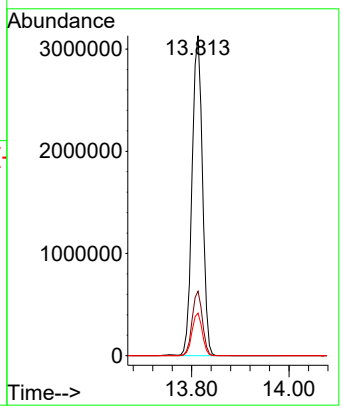


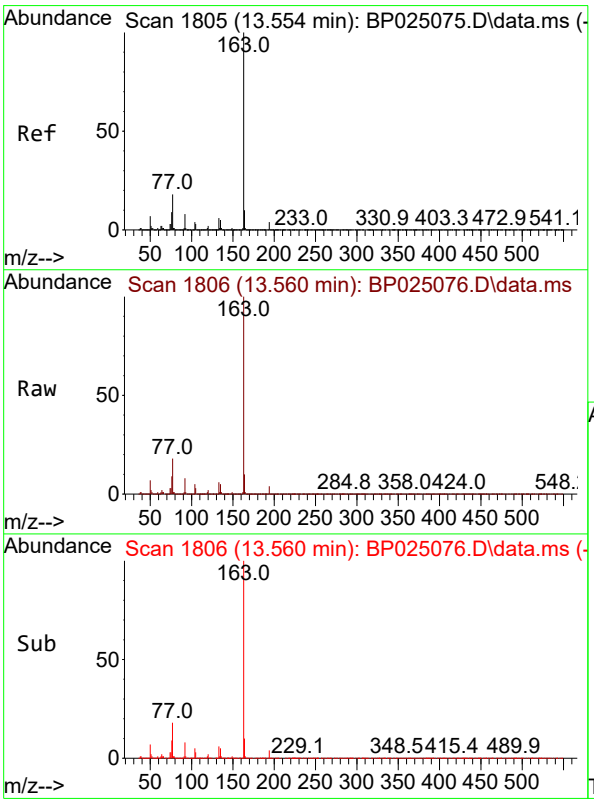
#49
Acenaphthylene
Concen: 49.571 ng
RT: 13.813 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 4634923

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.3	10.7	16.1

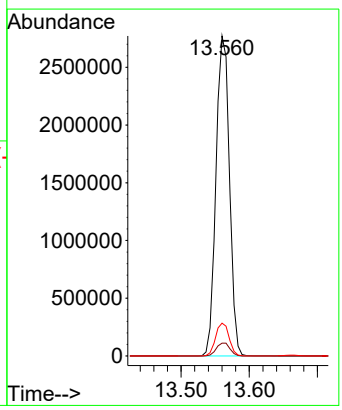


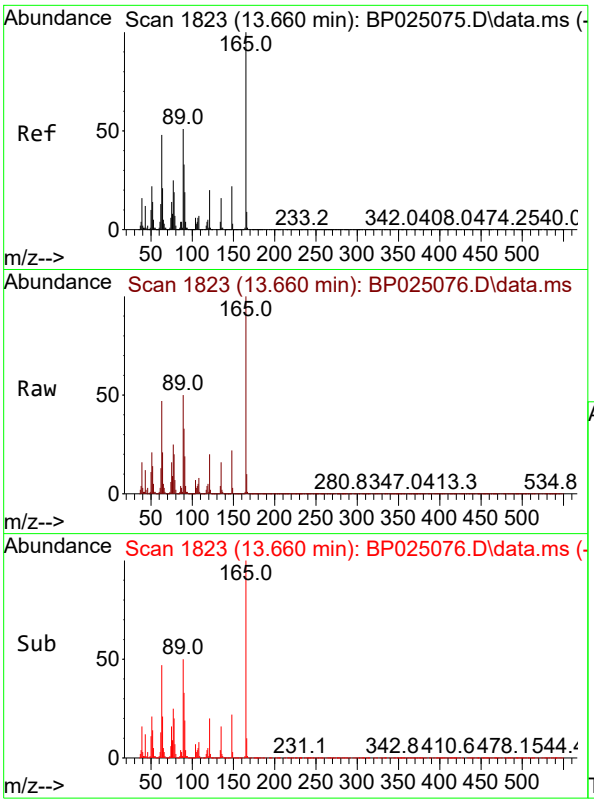


#50
Dimethylphthalate
Concen: 48.733 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:163 Resp: 3810769

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.0	12.0



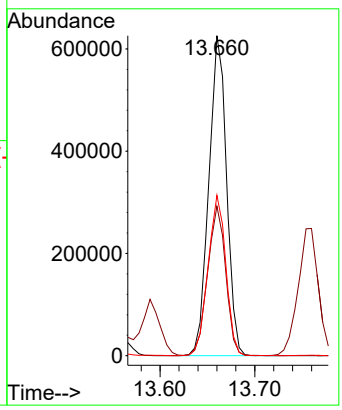


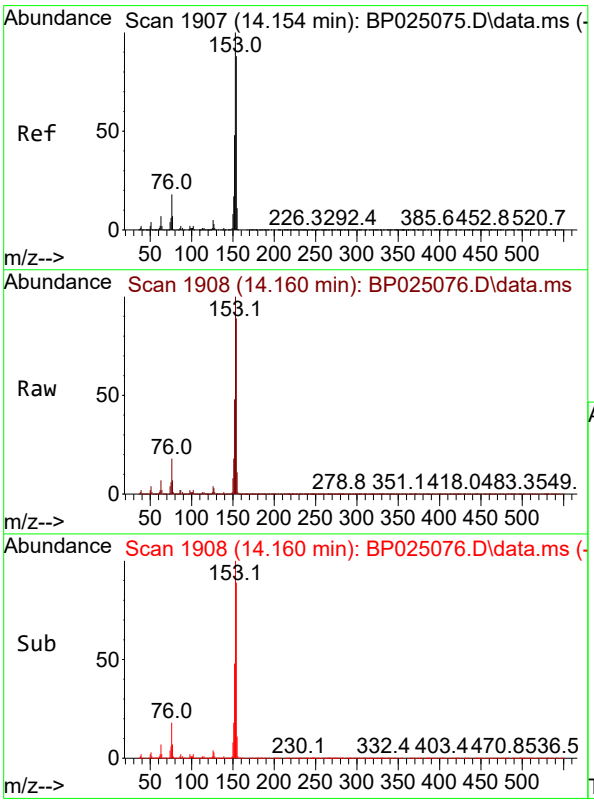
#51
2,6-Dinitrotoluene
Concen: 53.202 ng
RT: 13.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 811379

Ion	Ratio	Lower	Upper
165	100		
63	46.7	38.5	57.7
89	50.1	40.6	61.0

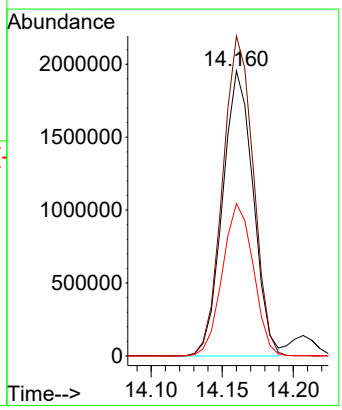


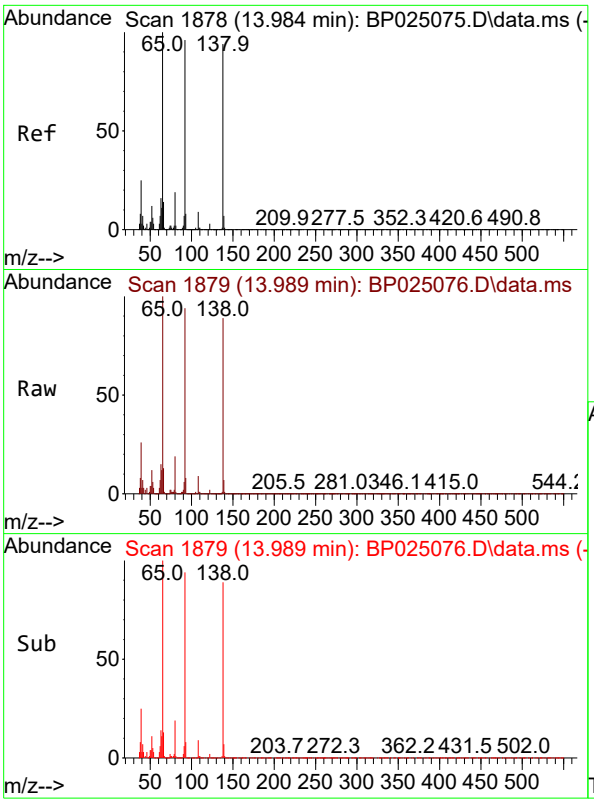


#52
Acenaphthene
Concen: 48.515 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:154 Resp: 2923605

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.6	136.0
152	53.4	43.8	65.8



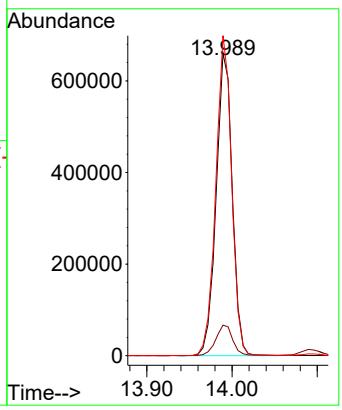


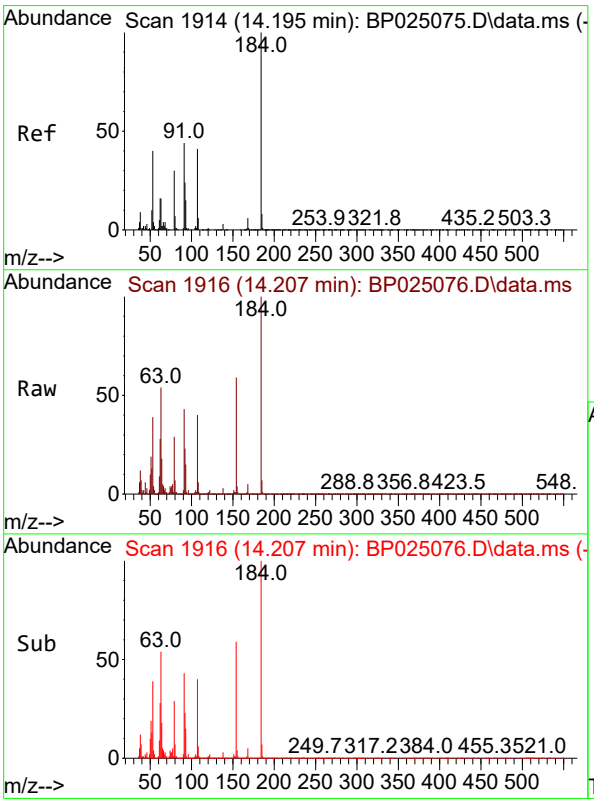
#53
3-Nitroaniline
Concen: 52.965 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 865670

Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	105.7	81.0	121.4

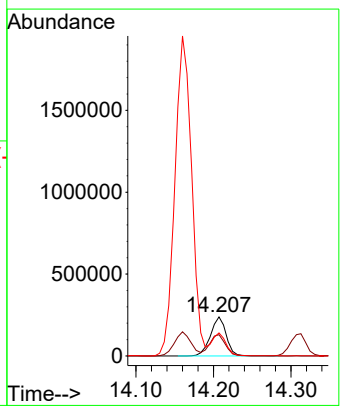


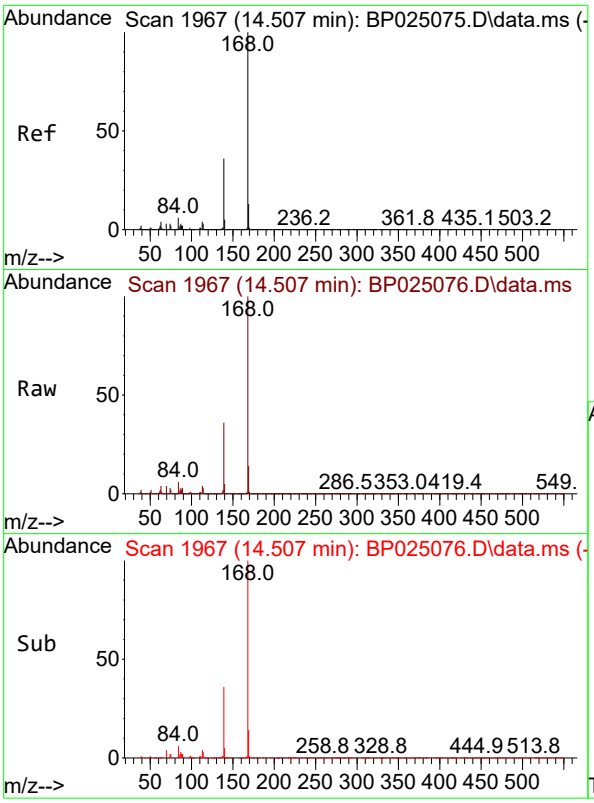


#54
2,4-Dinitrophenol
Concen: 47.384 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:184 Resp: 335631

Ion	Ratio	Lower	Upper
184	100		
63	54.5	47.4	71.0
154	59.1	47.8	71.8



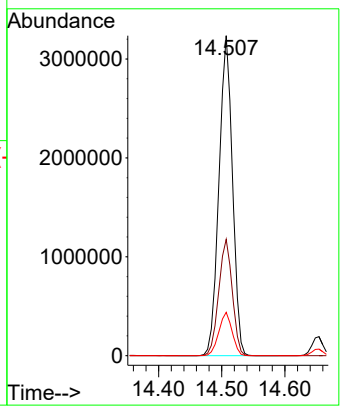


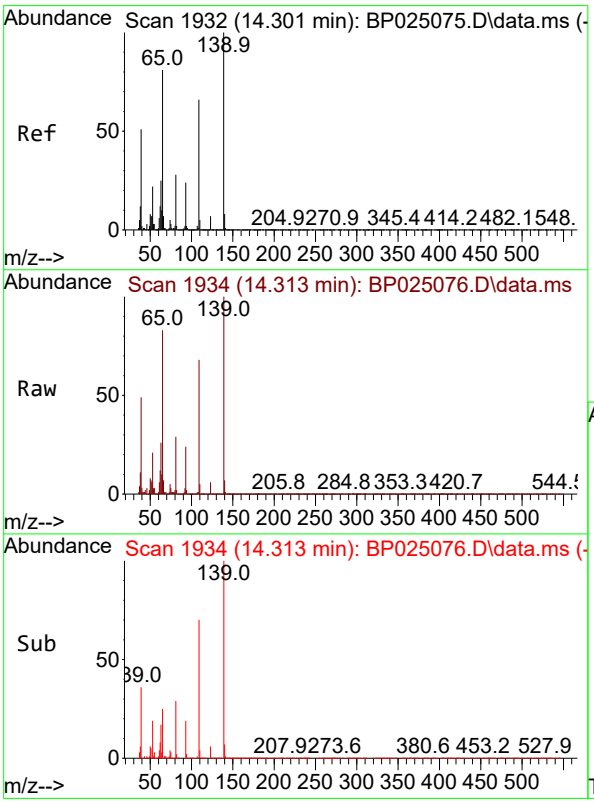
#55
Dibenzofuran
Concen: 48.287 ng
RT: 14.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 4802343

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.5	10.7	16.1

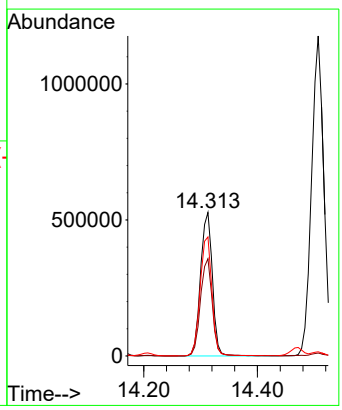


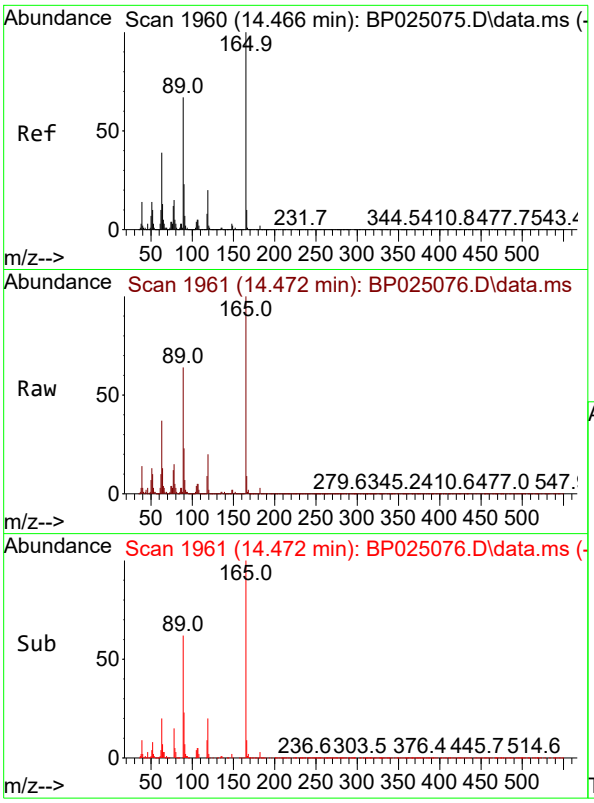


#56
4-Nitrophenol
Concen: 50.679 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:139 Resp: 764396

Ion	Ratio	Lower	Upper
139	100		
109	67.8	45.9	85.9
65	83.0	61.4	101.4



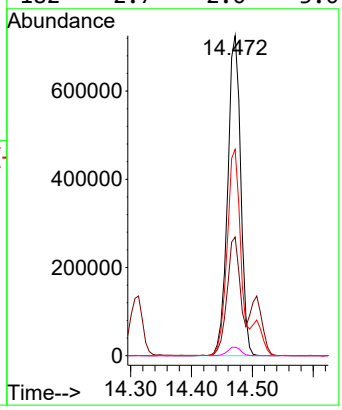


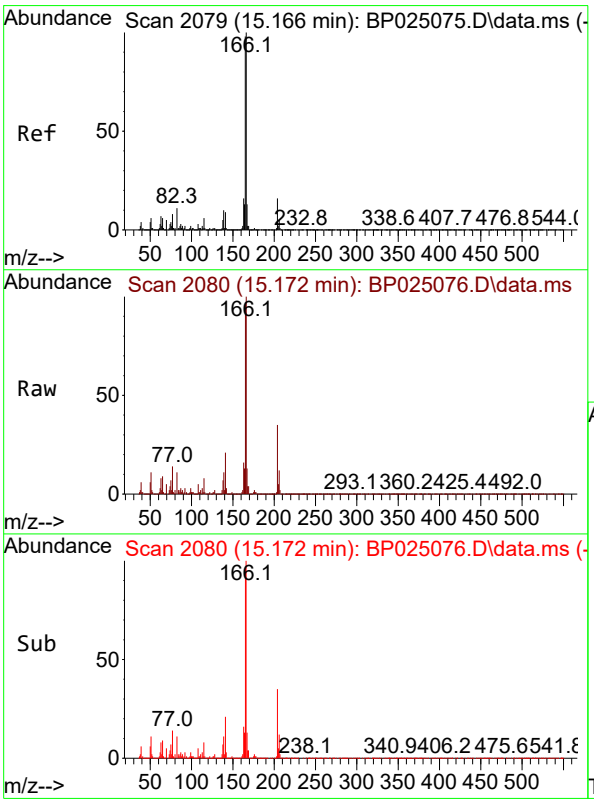
#57
2,4-Dinitrotoluene
Concen: 48.291 ng
RT: 14.472 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 1081273

Ion	Ratio	Lower	Upper
165	100		
63	37.1	31.0	46.4
89	64.5	53.4	80.0
182	2.7	2.0	3.0

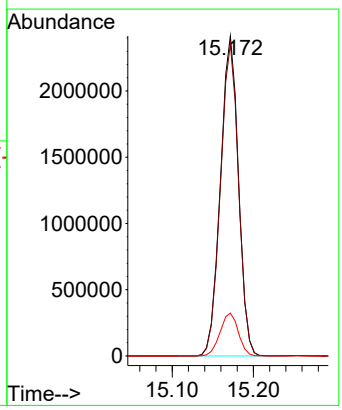


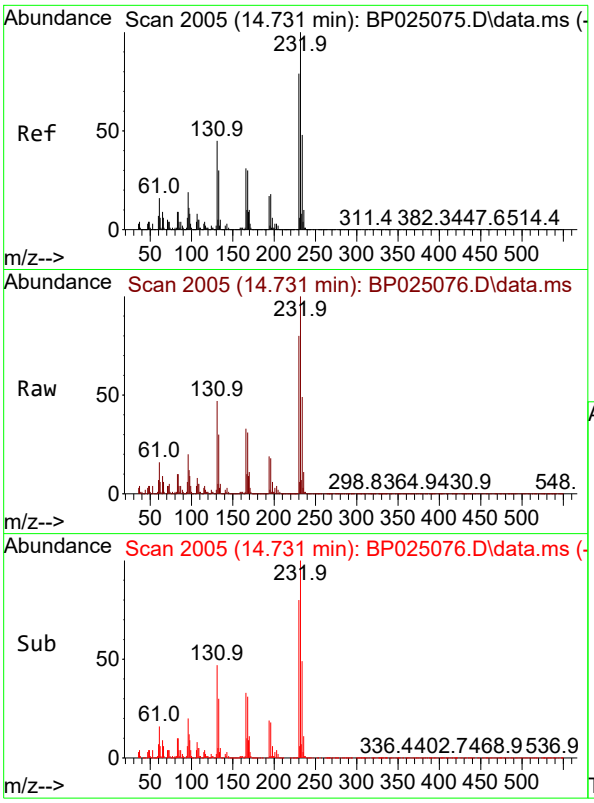


#58
Fluorene
Concen: 48.458 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:166 Resp: 3727642

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.4	10.7	16.1



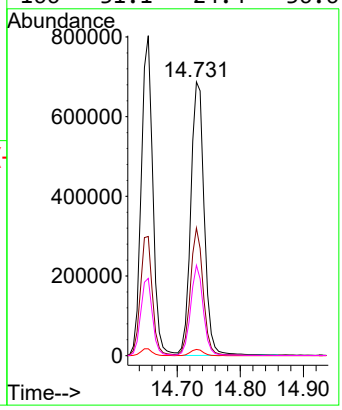


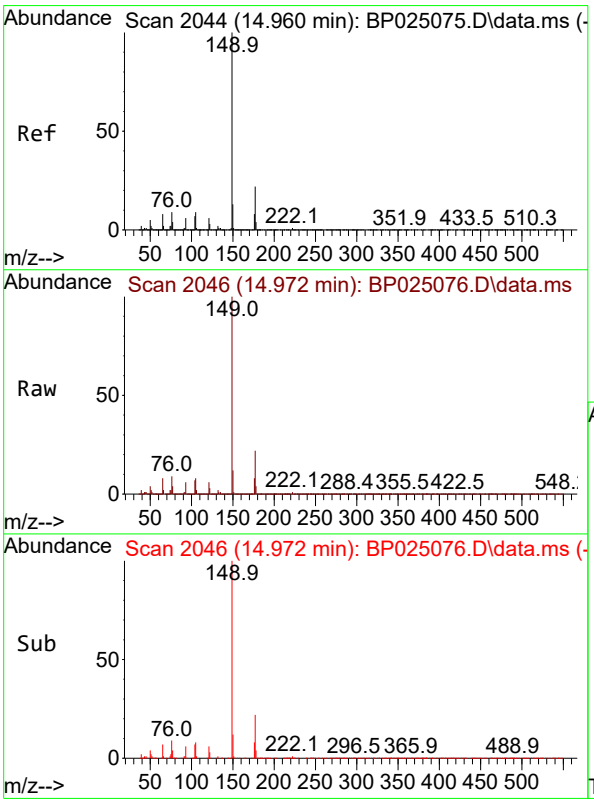
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.872 ng
RT: 14.731 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 1014960

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.7	53.5
130	2.2	1.8	2.6
166	31.1	24.4	36.6

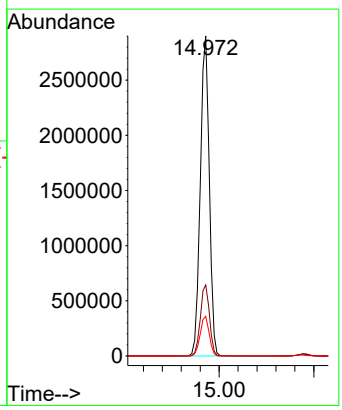


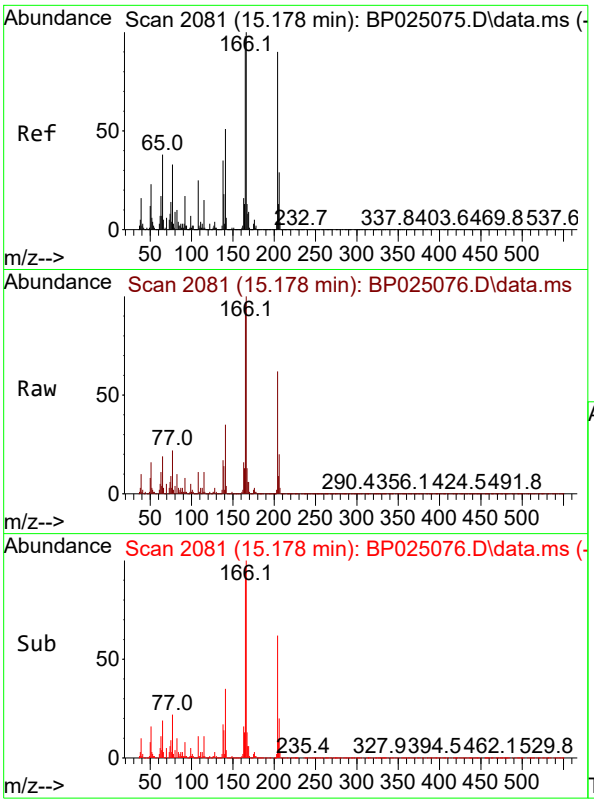


#60
Diethylphthalate
Concen: 48.587 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 3816042

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.8	26.8
150	12.4	10.2	15.2



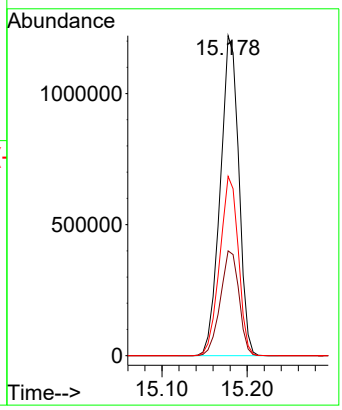


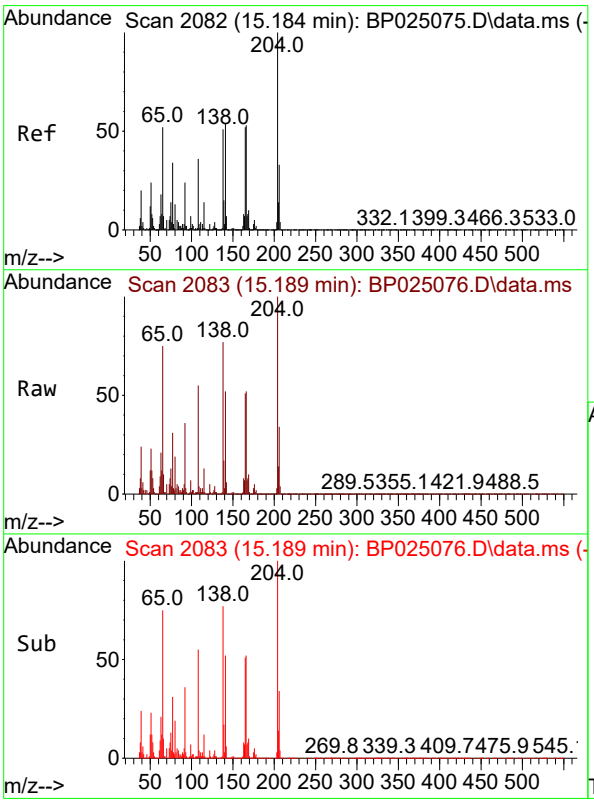
#61
4-Chlorophenyl-phenylether
Concen: 48.332 ng
RT: 15.178 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1839971

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.6
141	56.1	45.1	67.7

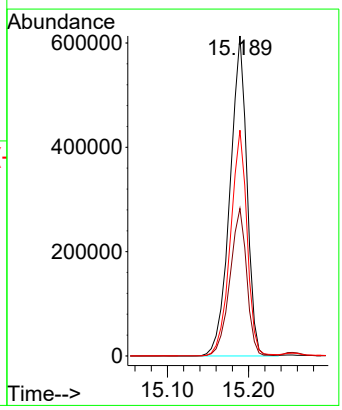


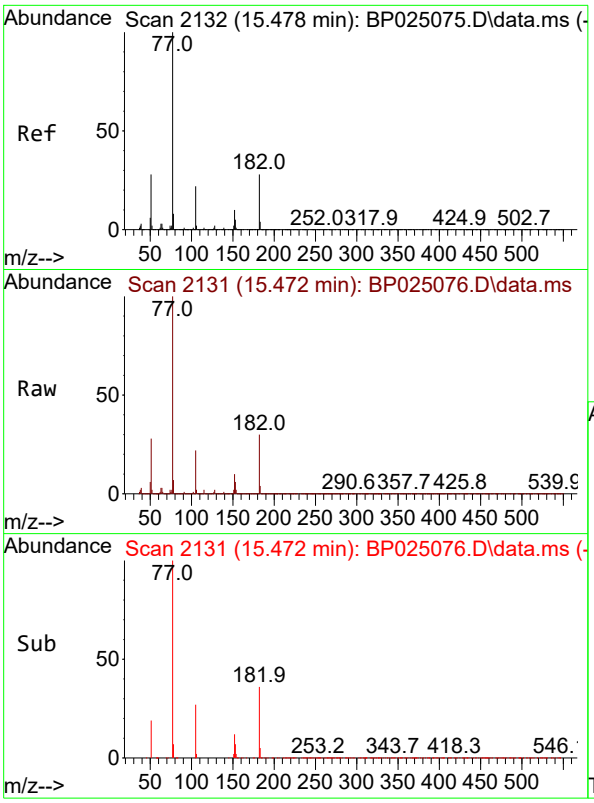


#62
4-Nitroaniline
Concen: 51.948 ng
RT: 15.189 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:138 Resp: 890284

Ion	Ratio	Lower	Upper
138	100		
92	46.1	26.0	66.0
108	70.5	50.0	90.0



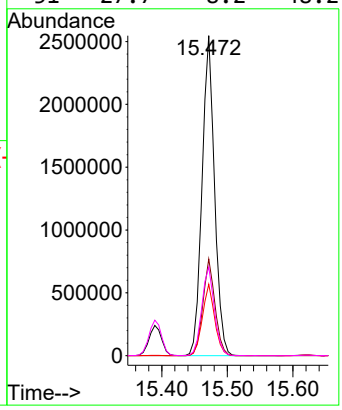


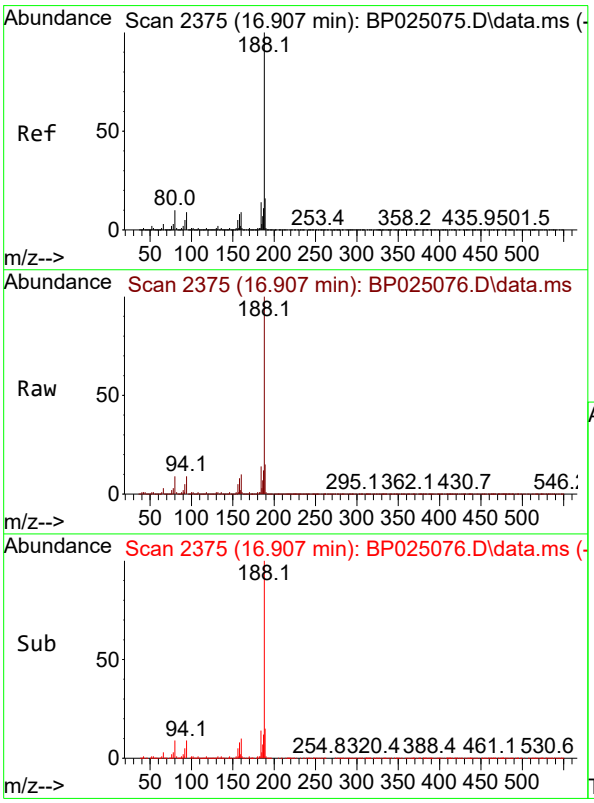
#63
Azobenzene
Concen: 48.355 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 3381849

Ion	Ratio	Lower	Upper
77	100		
182	30.2	7.7	47.7
105	22.3	1.9	41.9
51	27.7	8.2	48.2

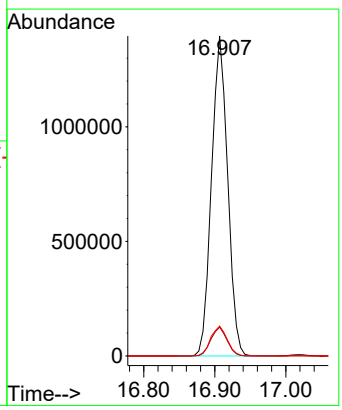


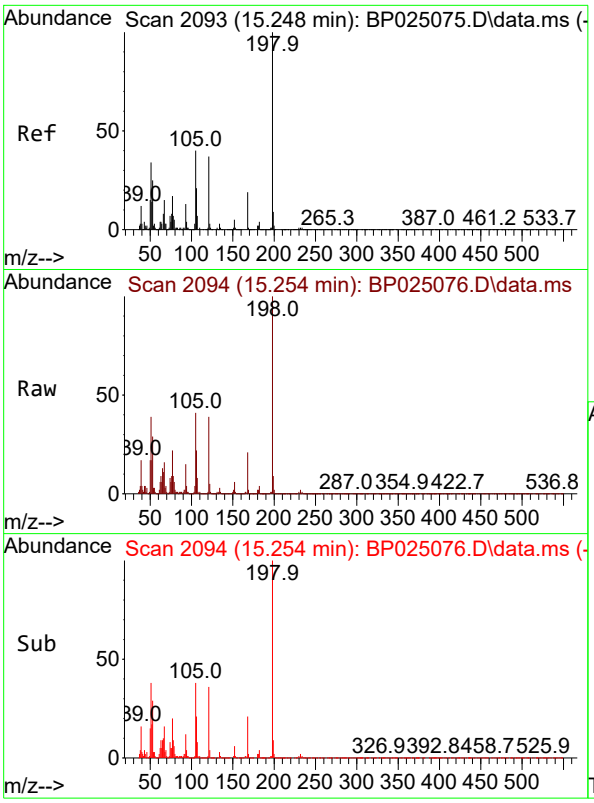


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:188 Resp: 2198784

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.4	7.8	11.6



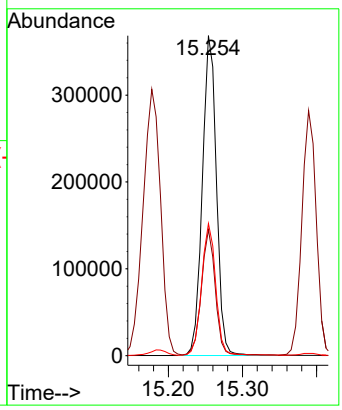


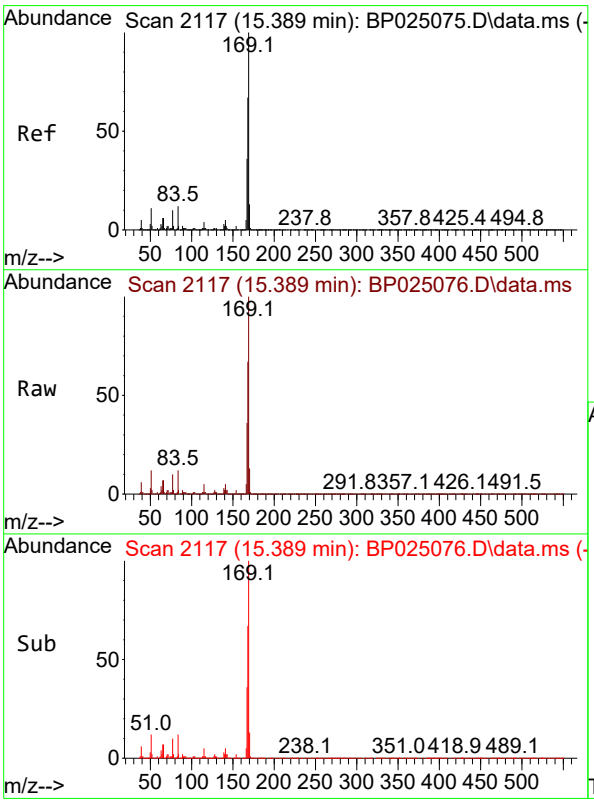
#65
4,6-Dinitro-2-methylphenol
Concen: 48.762 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 488912

Ion	Ratio	Lower	Upper
198	100		
51	39.3	16.8	56.8
105	41.3	20.8	60.8

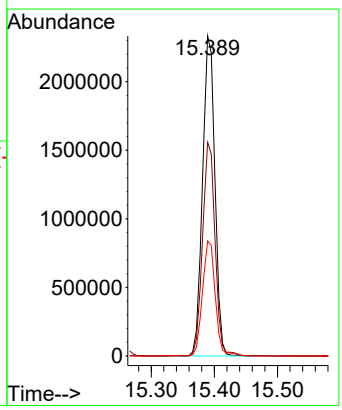


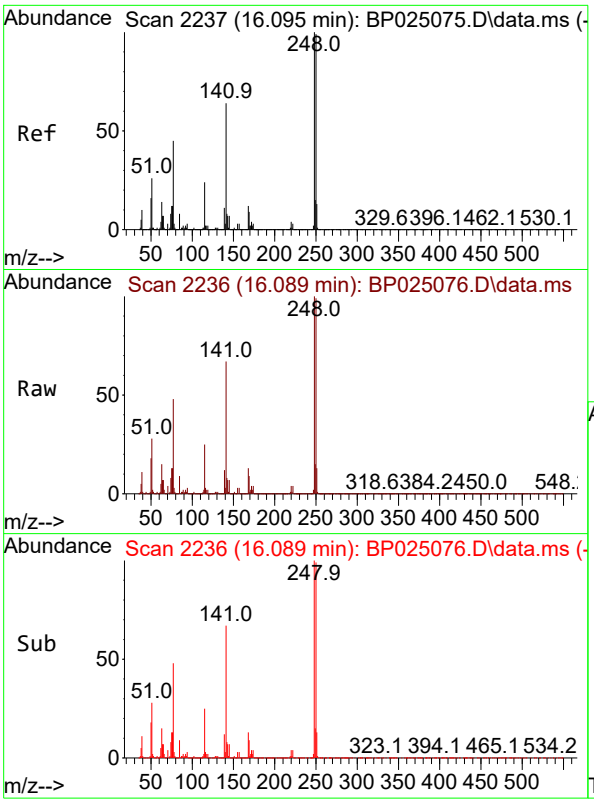


#66
n-Nitrosodiphenylamine
Concen: 50.162 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:169 Resp: 3156476

Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	36.0	29.0	43.6



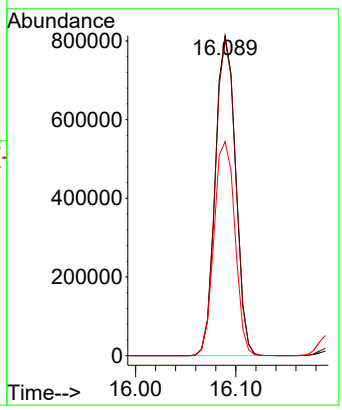


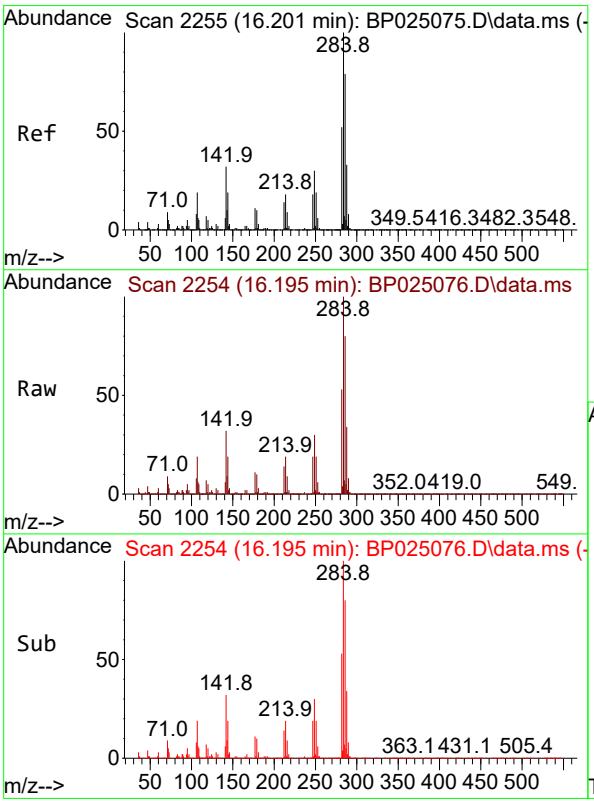
#67
4-Bromophenyl-phenylether
Concen: 50.881 ng
RT: 16.089 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 1145496

Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.4	119.2
141	66.9	51.4	77.0

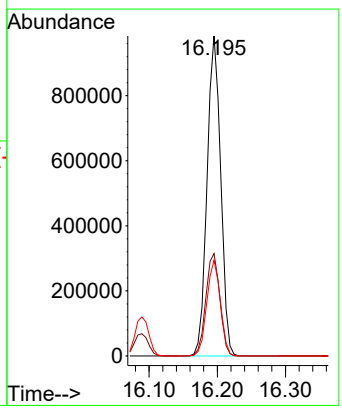


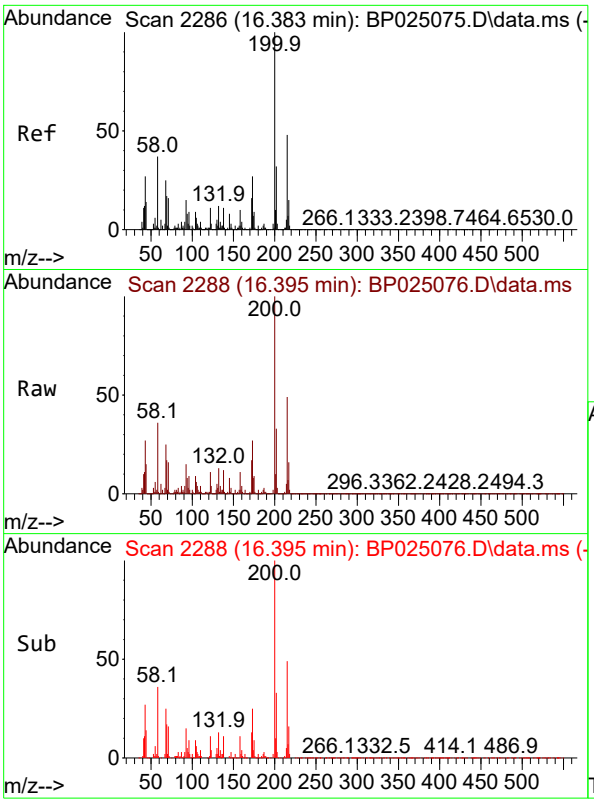


#68
Hexachlorobenzene
Concen: 49.621 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:284 Resp: 1365447

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	29.9	23.8	35.8



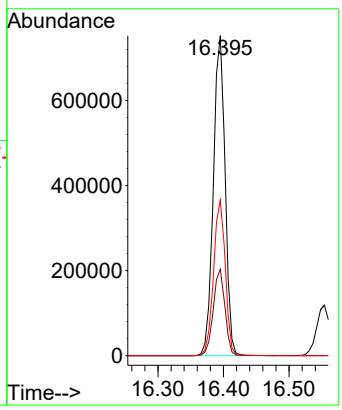


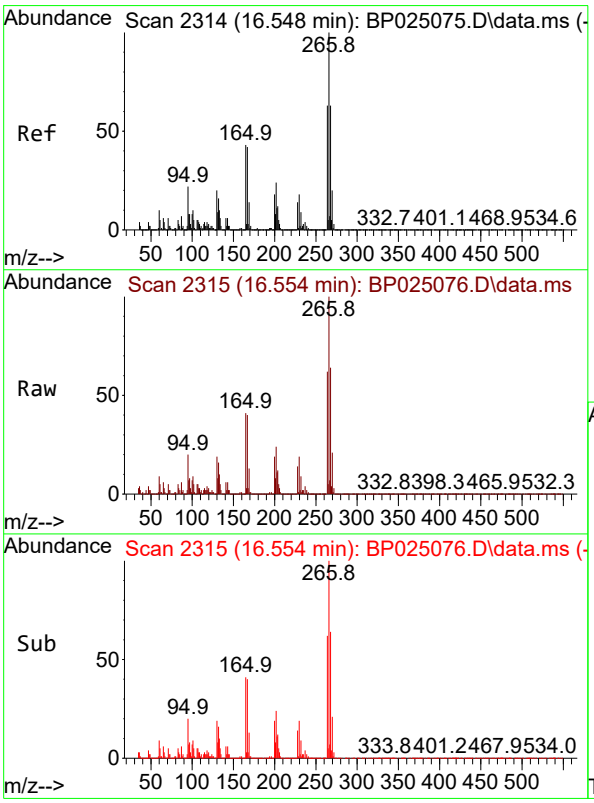
#69
Atrazine
Concen: 50.863 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 937888

Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.6	46.6
215	48.6	28.0	68.0

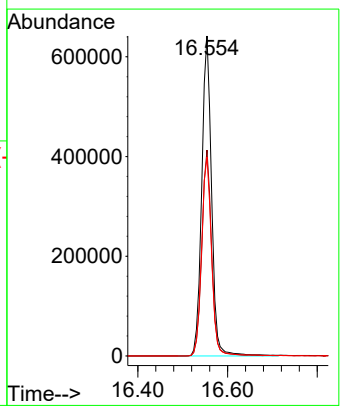


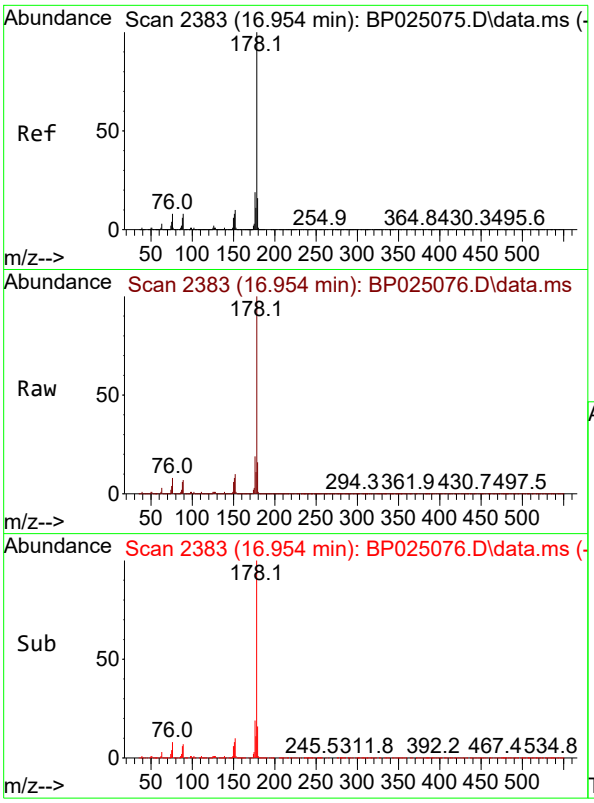


#70
Pentachlorophenol
Concen: 52.511 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:266 Resp: 975866

Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.4	75.6
264	62.2	50.2	75.2



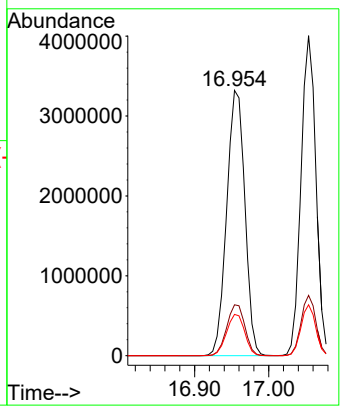


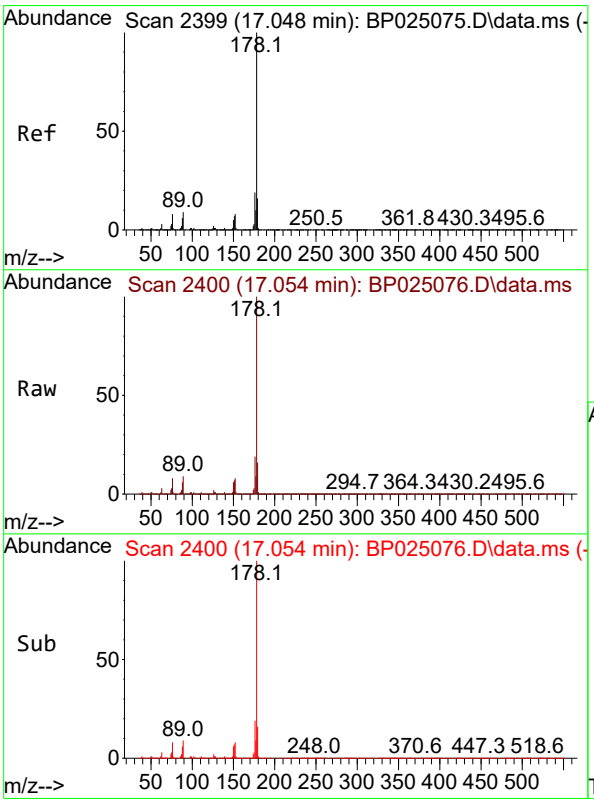
#71
Phenanthrene
Concen: 48.179 ng
RT: 16.954 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 5660551

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.6	19.0

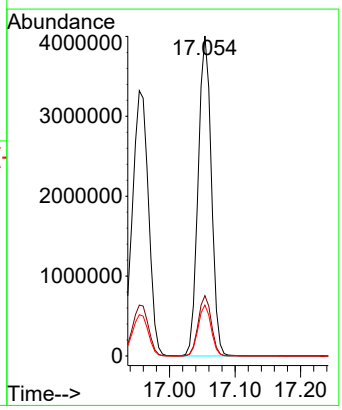


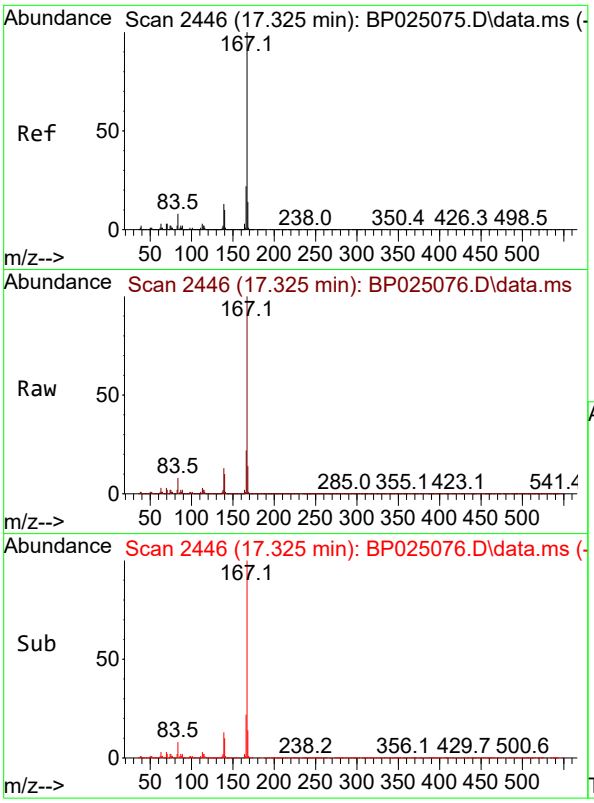


#72
Anthracene
Concen: 49.812 ng
RT: 17.054 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:178 Resp: 5614698

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.9	12.5	18.7



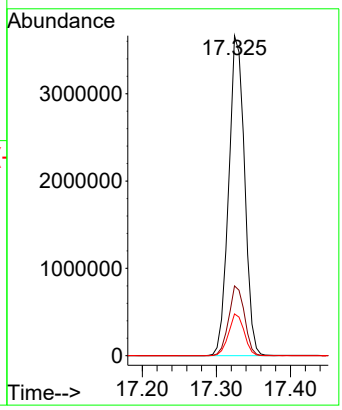


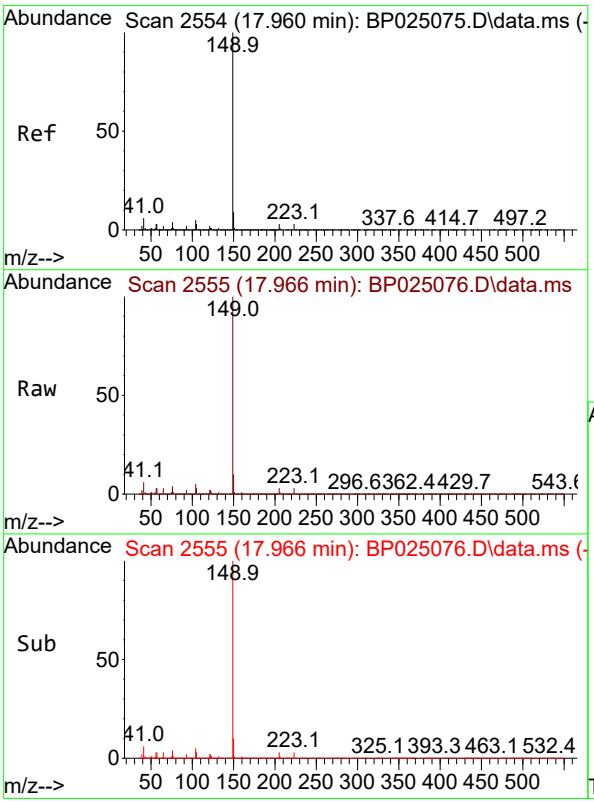
#73
Carbazole
Concen: 49.399 ng
RT: 17.325 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 5444196

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.1	10.4	15.6

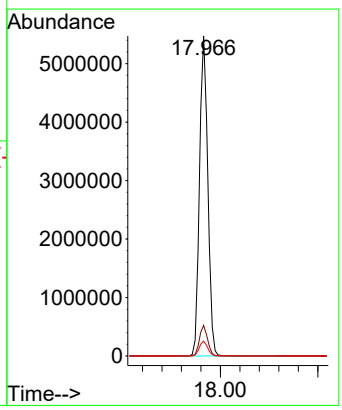


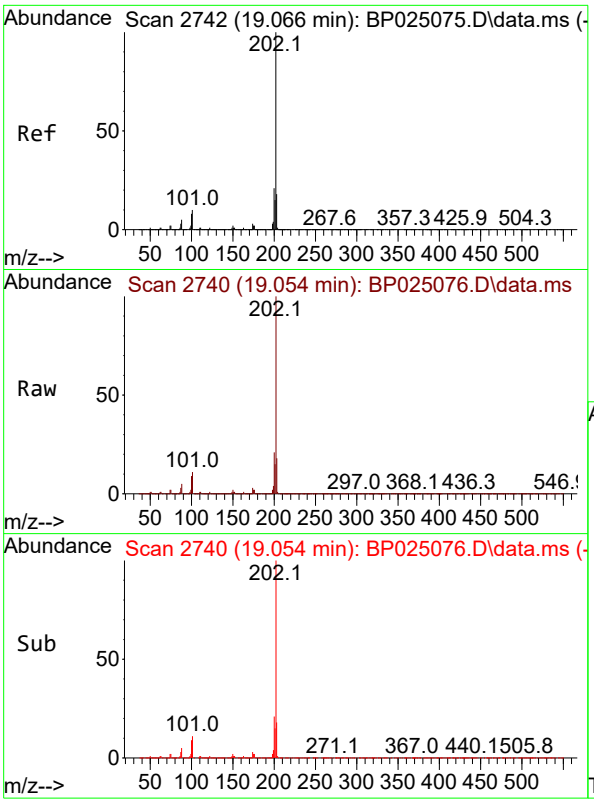


#74
Di-n-butylphthalate
Concen: 52.713 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 6469226

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	4.7	3.8	5.6



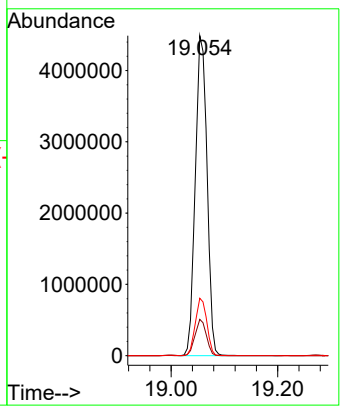


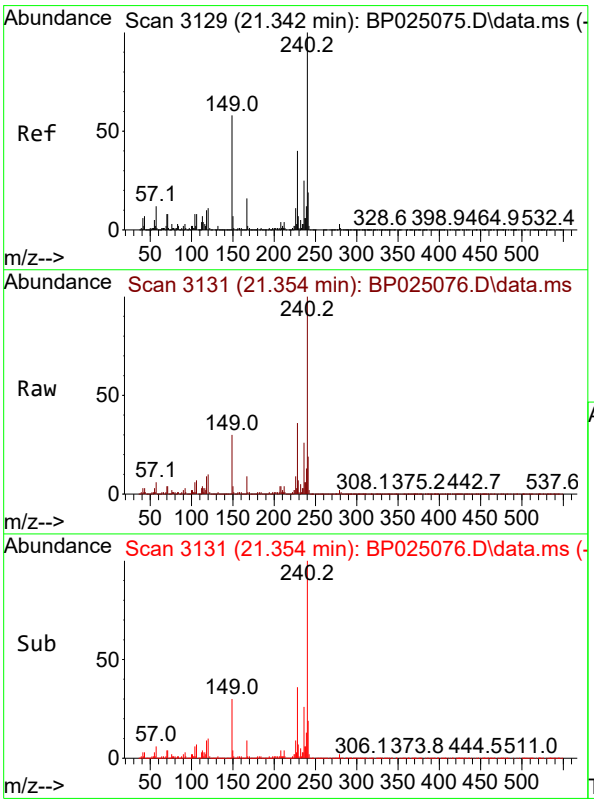
#75
Fluoranthene
Concen: 49.995 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 6865989

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.4
203	18.0	0.0	37.6

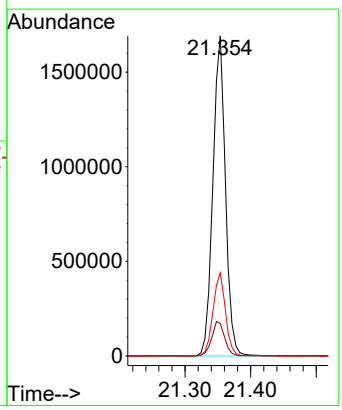


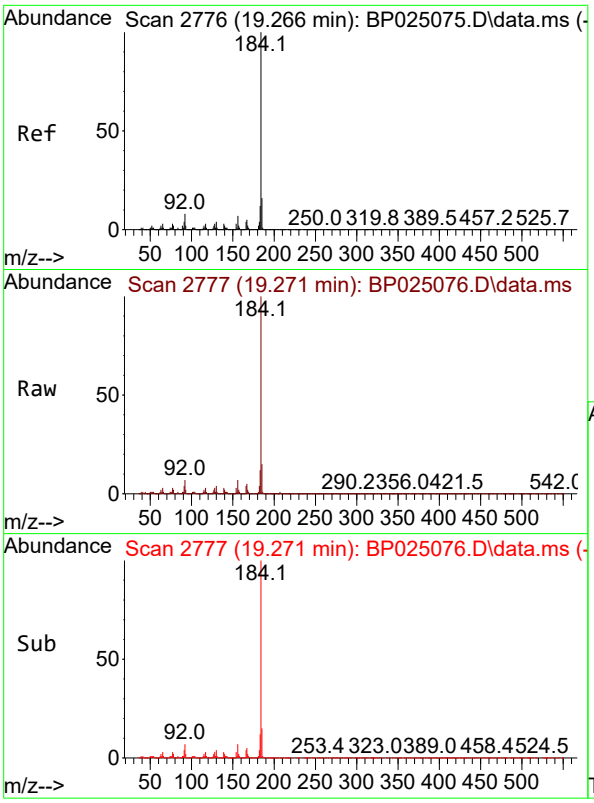


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:240 Resp: 2246809

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.0	13.4
236	26.0	20.3	30.5



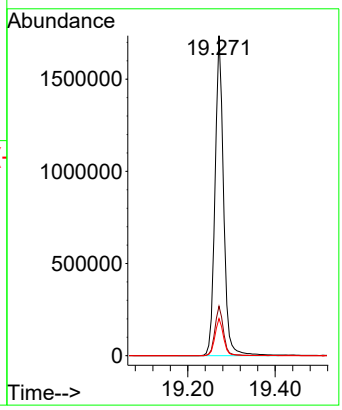


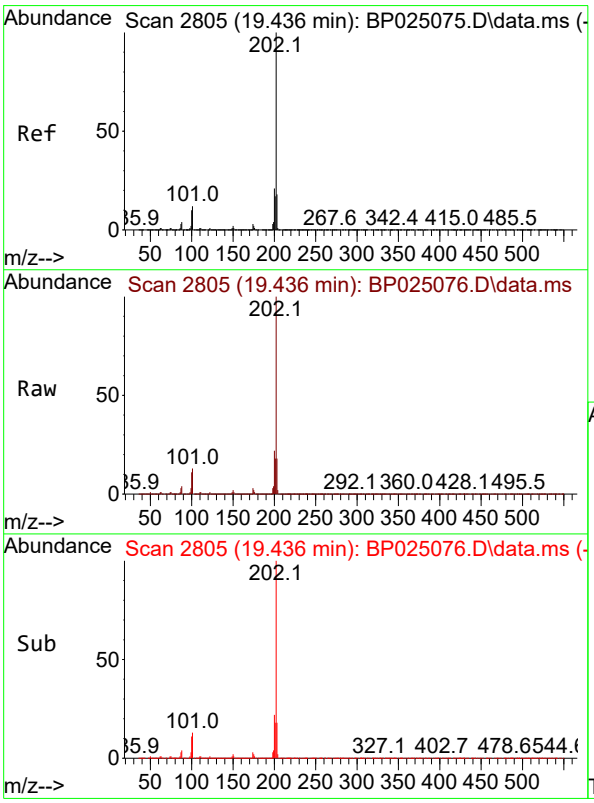
#77
Benzidine
Concen: 59.401 ng
RT: 19.271 min Scan# 2
Delta R.T. 0.005 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 2357157

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.6	9.4	14.2

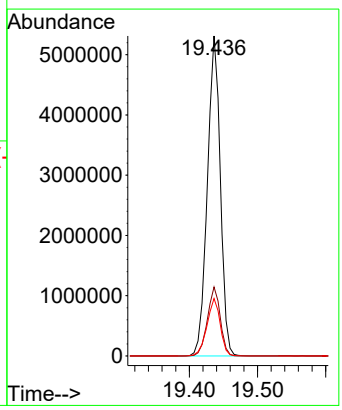


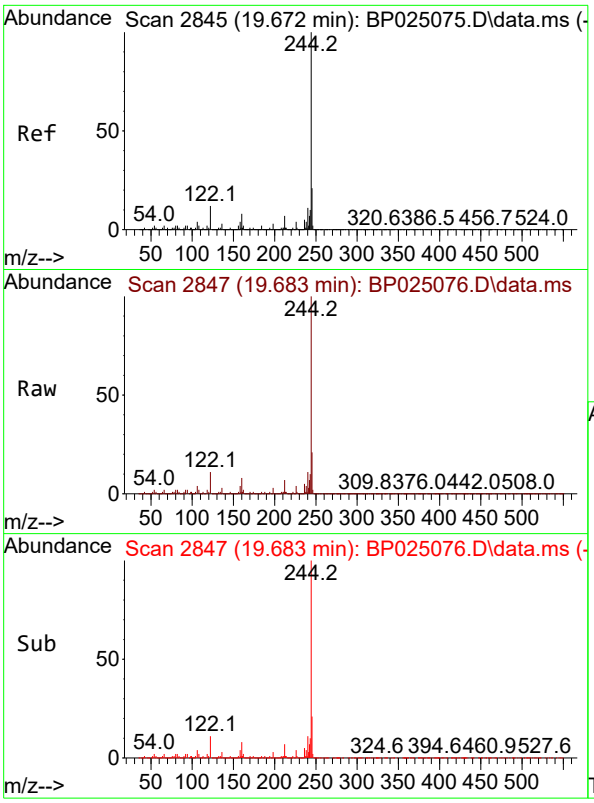


#78
Pyrene
Concen: 50.503 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:202 Resp: 7028090

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	17.9	14.1	21.1



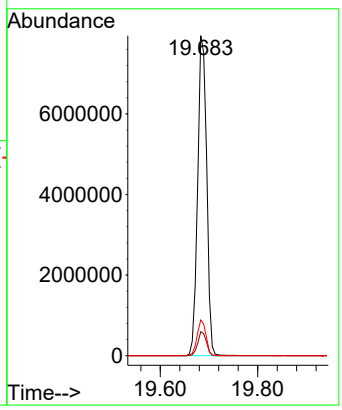


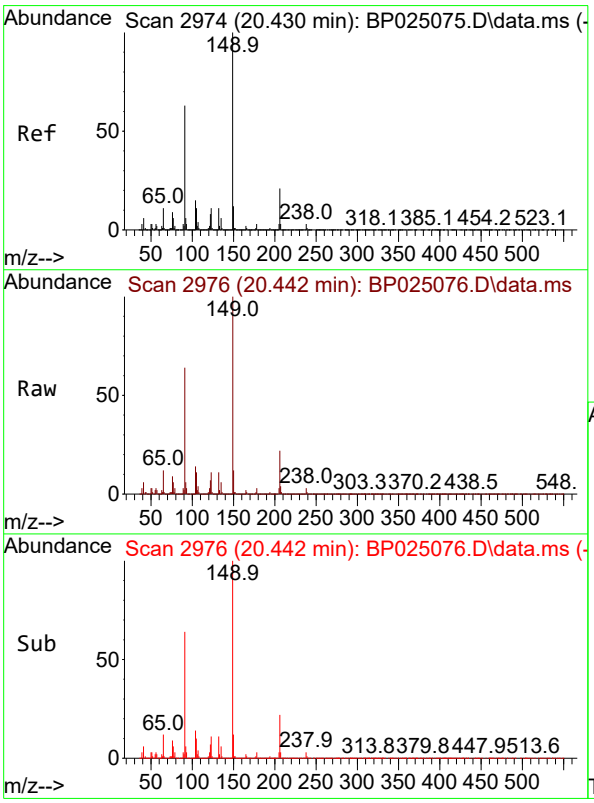
#79
Terphenyl-d14
Concen: 100.557 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp:10280025

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.2	9.4	14.2

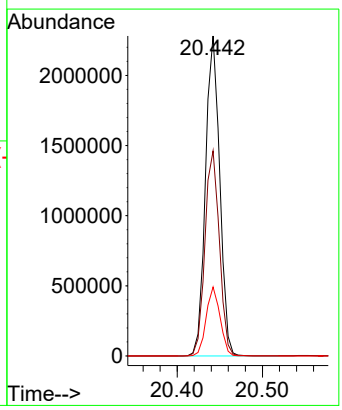


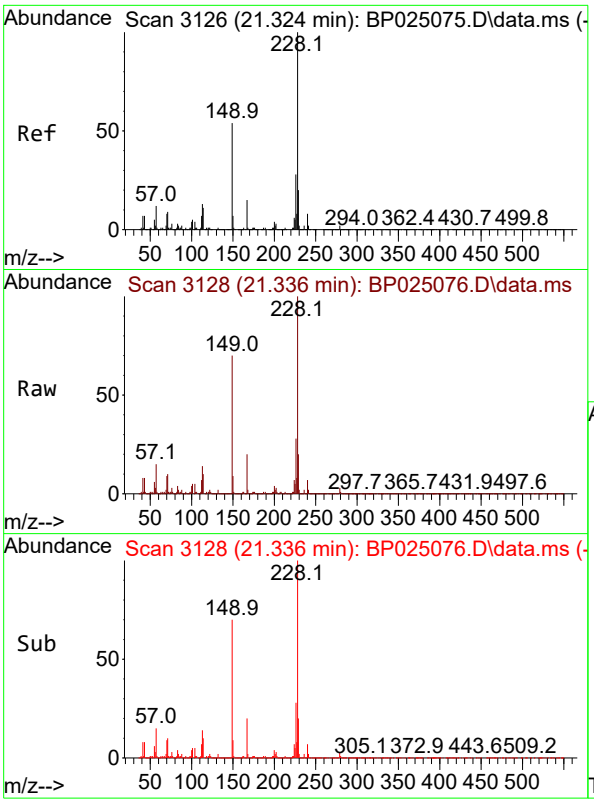


#80
Butylbenzylphthalate
Concen: 49.237 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 2645413

Ion	Ratio	Lower	Upper
149	100		
91	64.1	50.6	76.0
206	21.5	17.2	25.8



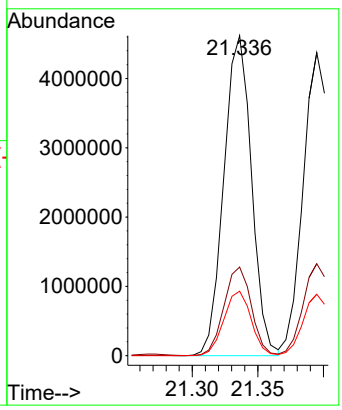


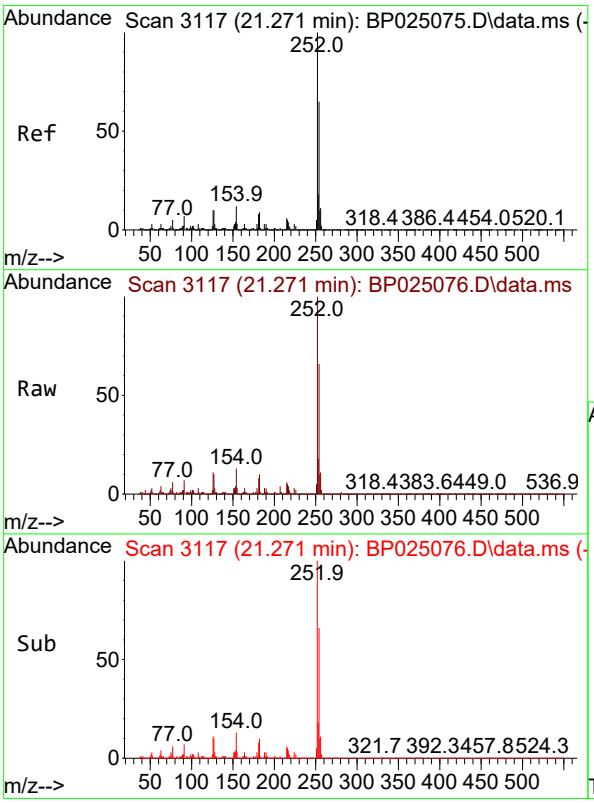
#81
Benzo(a)anthracene
Concen: 49.798 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 6780561

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.2	16.0	24.0

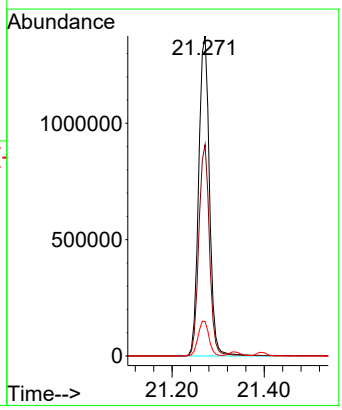


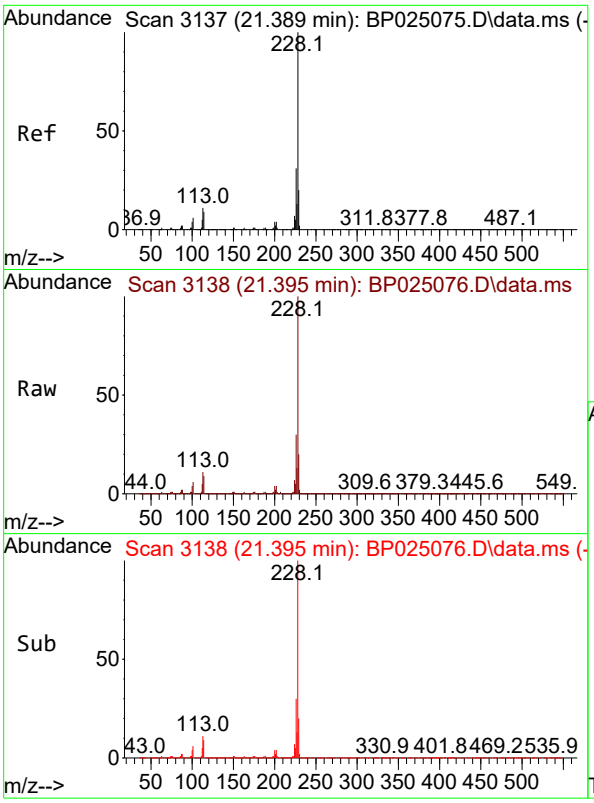


#82
3,3'-Dichlorobenzidine
Concen: 54.684 ng
RT: 21.271 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 2241436

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.9	77.9
126	10.8	8.1	12.1



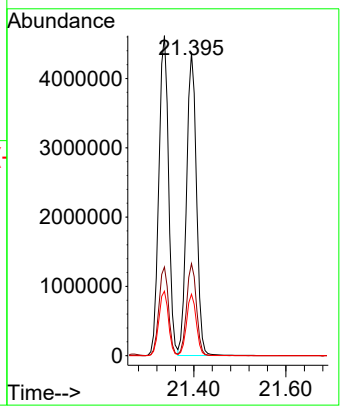


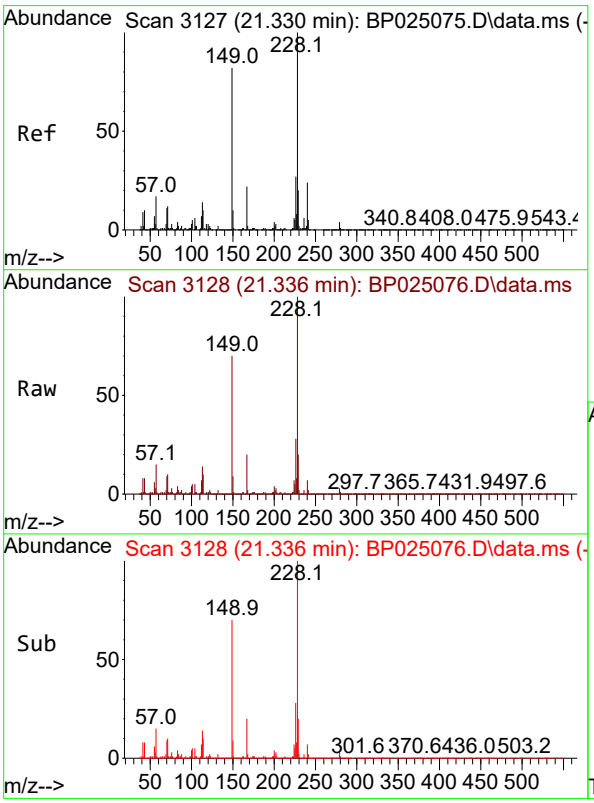
#83
Chrysene
Concen: 49.609 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 6500368

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	20.3	16.0	24.0

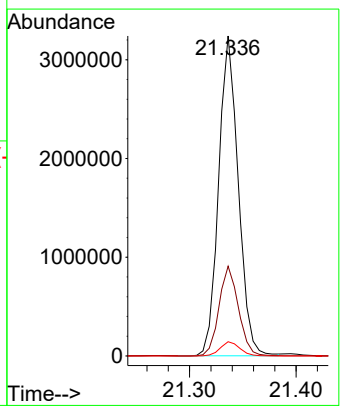


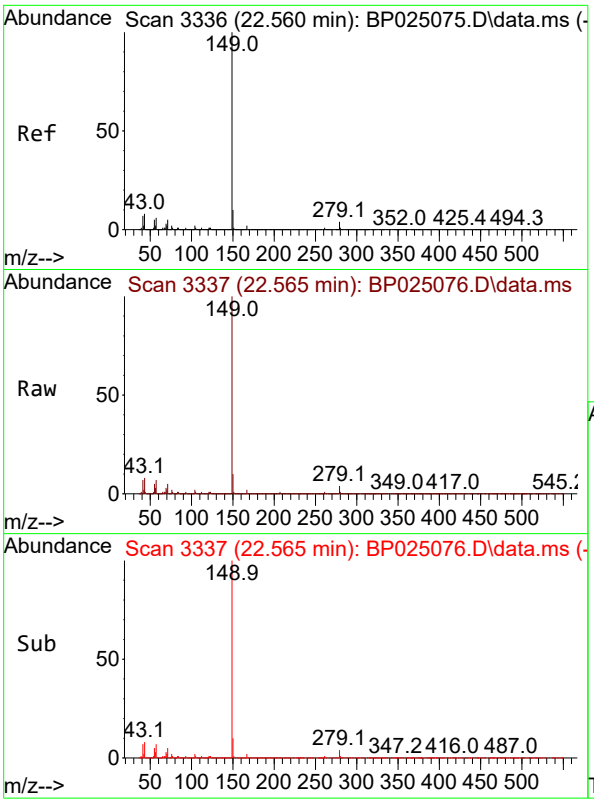


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.690 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 4140331

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.9	32.9
279	4.5	3.5	5.3



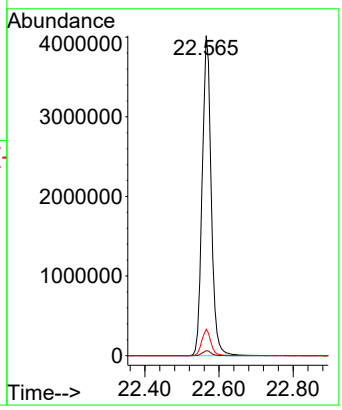


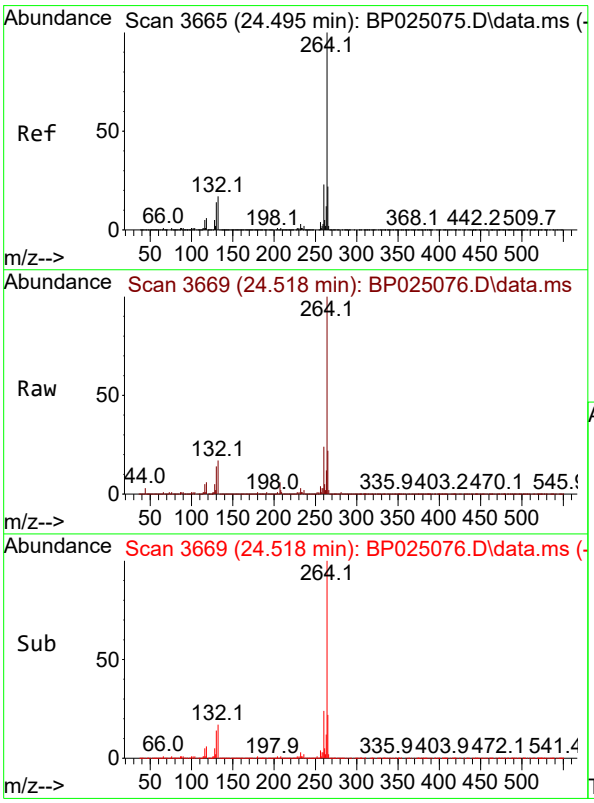
#85
Di-n-octyl phthalate
Concen: 50.271 ng
RT: 22.565 min Scan# 3
Delta R.T. 0.005 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 6776549

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	6.9	10.3

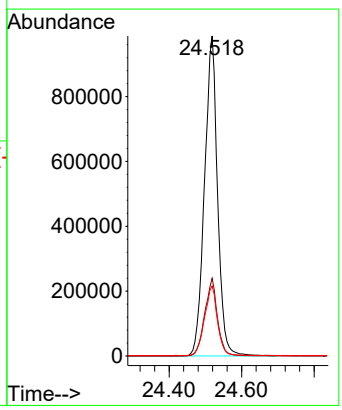


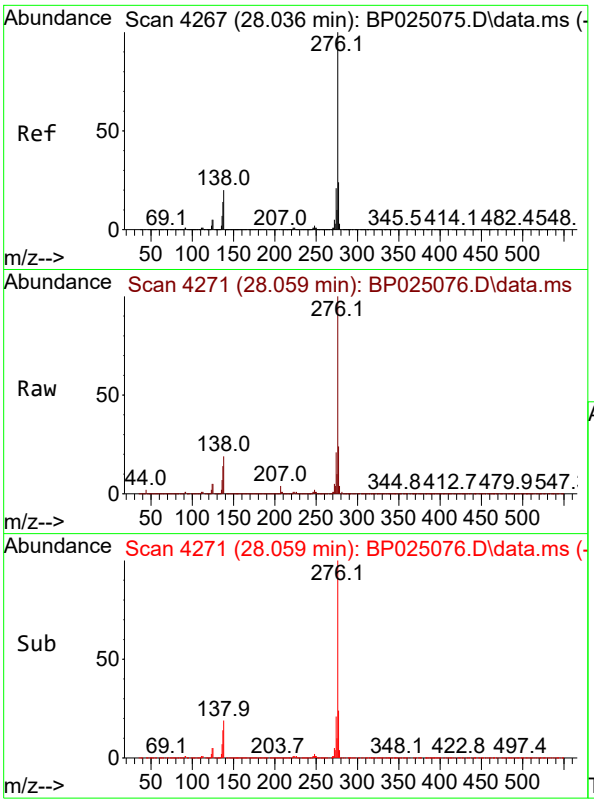


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.518 min Scan# 3669
Delta R.T. 0.023 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:264 Resp: 2460402

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	21.9	17.7	26.5



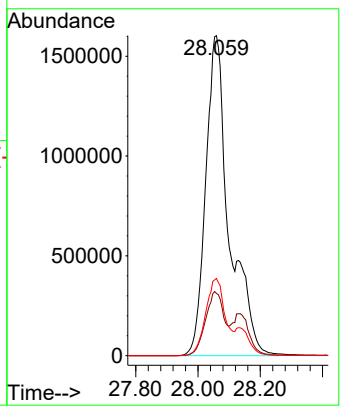


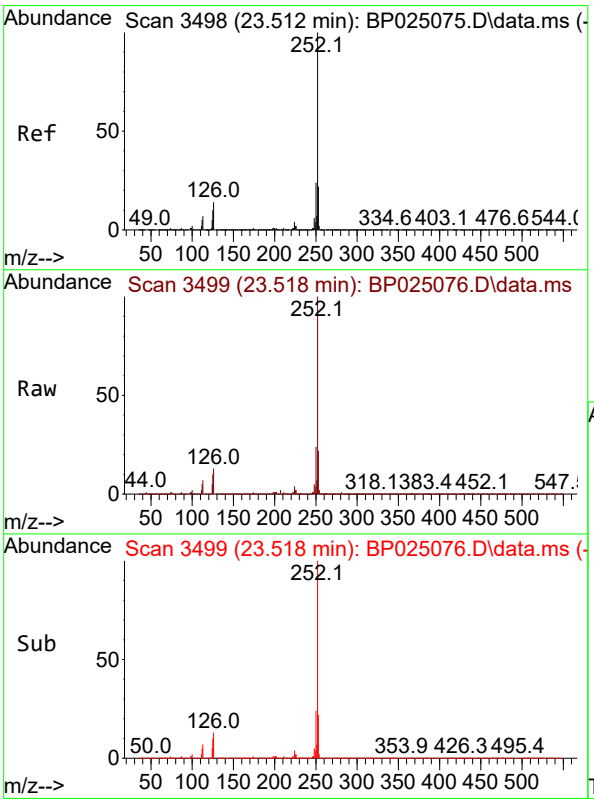
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.583 ng m
RT: 28.059 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 8400646

Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.0	19.6
277	20.3	15.9	23.9

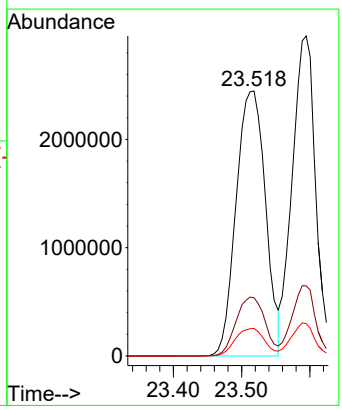


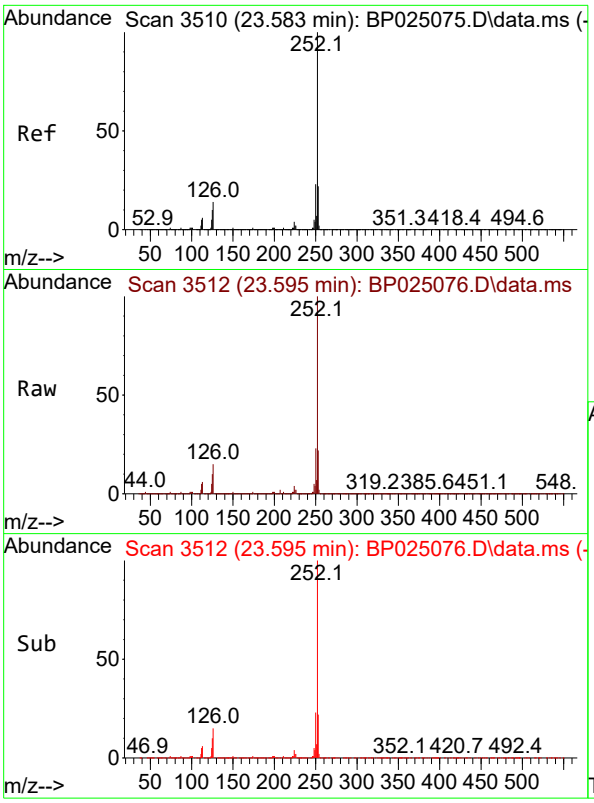


#88
Benzo(b)fluoranthene
Concen: 51.035 ng
RT: 23.518 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 7308592

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.4	8.1	12.1



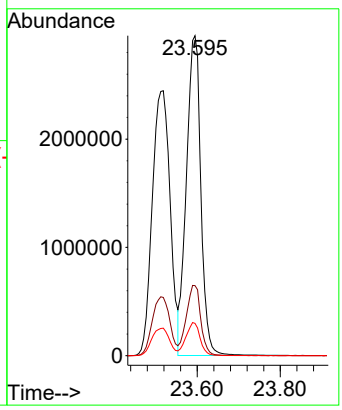


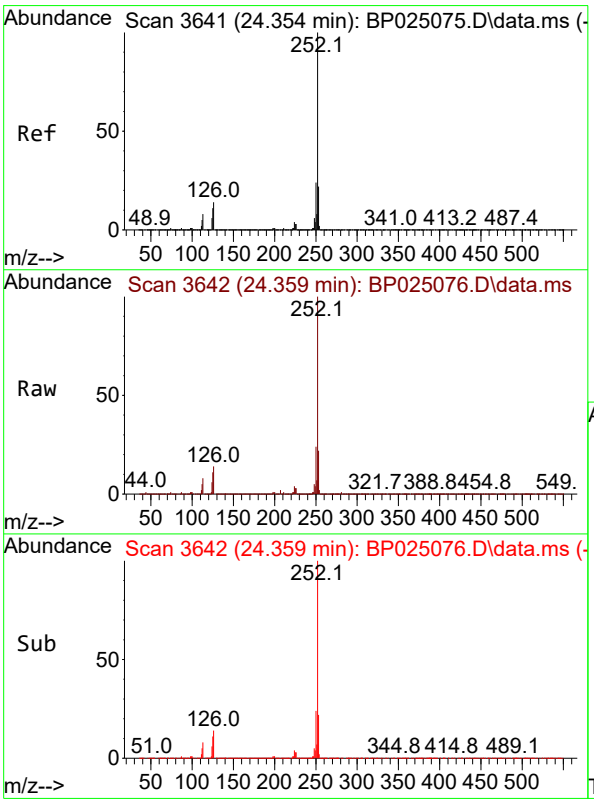
#89
Benzo(k)fluoranthene
Concen: 49.931 ng
RT: 23.595 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 7114695

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.1	8.2	12.2

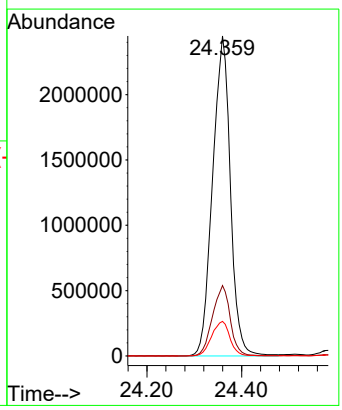


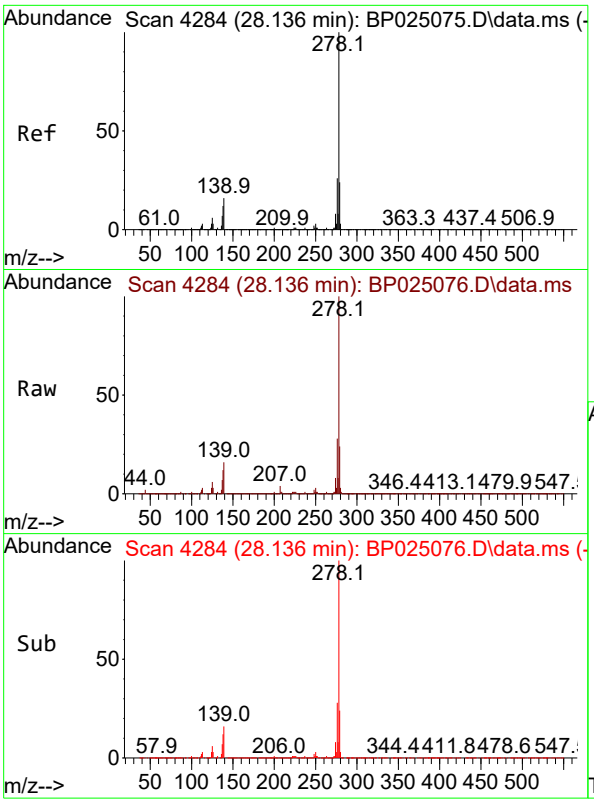


#90
Benzo(a)pyrene
Concen: 52.234 ng
RT: 24.359 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 6366556

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.8	9.0	13.4



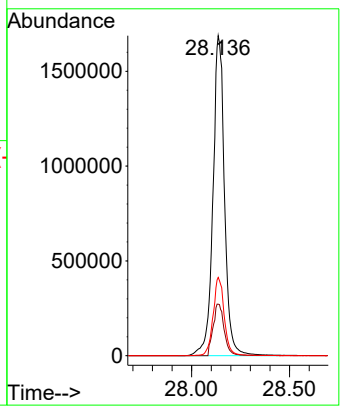


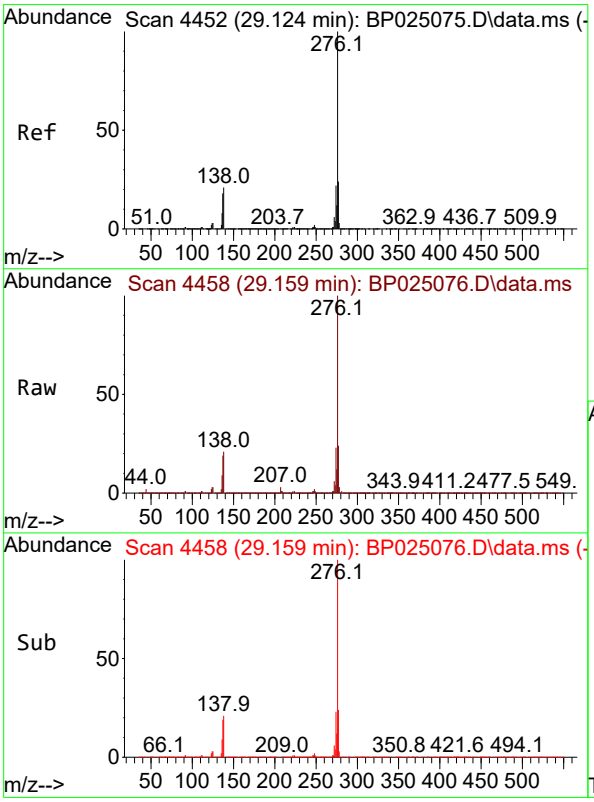
#91
Dibenzo(a,h)anthracene
Concen: 53.464 ng
RT: 28.136 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 6926985

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.1	19.7
279	24.4	18.9	28.3

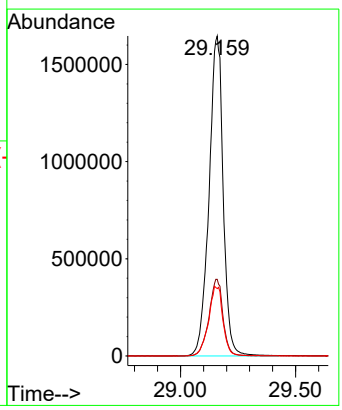




#92
Benzo(g,h,i)perylene
Concen: 52.480 ng
RT: 29.159 min Scan# 4458
Delta R.T. 0.035 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:276 Resp: 7023994

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	21.1	16.9	25.3



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jul 03 15:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	400654	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1612661	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1045830	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2142509	20.000	ng	0.00
76) Chrysene-d12	21.360	240	2162992	20.000	ng	0.02
86) Perylene-d12	24.512	264	2316428	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2806806	124.128	ng	0.00
7) Phenol-d6	6.631	99	3710318	125.737	ng	0.00
23) Nitrobenzene-d5	8.572	82	3129724	129.067	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1671151	135.264	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	8229134	121.896	ng	0.00
79) Terphenyl-d14	19.683	244	12149101	123.446	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	514997	58.570	ng	100
3) Pyridine	3.490	79	1488833m	61.892	ng	
4) n-Nitrosodimethylamine	3.408	42	627147	61.529	ng	96
6) Aniline	6.790	93	1716823	62.270	ng	100
8) 2-Chlorophenol	7.019	128	1555133	61.468	ng	99
9) Benzaldehyde	6.596	77	770087	49.971	ng	100
10) Phenol	6.660	94	1851536	61.753	ng	100
11) bis(2-Chloroethyl)ether	6.884	93	1408699	61.048	ng	100
12) 1,3-Dichlorobenzene	7.331	146	1698963	60.002	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1711649	59.706	ng	99
14) 1,2-Dichlorobenzene	7.784	146	1644605	59.636	ng	99
15) Benzyl Alcohol	7.678	79	1271626	64.566	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.978	45	1799327	59.970	ng	99
17) 2-Methylphenol	7.878	107	1227158	63.538	ng	99
18) Hexachloroethane	8.501	117	577842	61.873	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	1096243	62.642	ng	99
20) 3+4-Methylphenols	8.201	107	1716929	63.466	ng	99
22) Acetophenone	8.249	105	2324403	60.946	ng	98
24) Nitrobenzene	8.613	77	1583678	64.118	ng	98
25) Isophorone	9.137	82	2889727	63.768	ng	98
26) 2-Nitrophenol	9.313	139	773866	63.426	ng	99
27) 2,4-Dimethylphenol	9.384	122	1082275	64.024	ng	98
28) bis(2-Chloroethoxy)met...	9.625	93	1922438	62.478	ng	100
29) 2,4-Dichlorophenol	9.837	162	1554368	66.313	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1621972	62.486	ng	98
31) Naphthalene	10.231	128	5073090	61.093	ng	100
32) Benzoic acid	9.537	122	1088519	65.480	ng	95
33) 4-Chloroaniline	10.348	127	1986181	64.093	ng	99
34) Hexachlorobutadiene	10.537	225	926172	62.176	ng	99
35) Caprolactam	11.125	113	523393	65.271	ng	97
36) 4-Chloro-3-methylphenol	11.478	107	1604130	65.488	ng	99
37) 2-Methylnaphthalene	11.860	142	3613084	61.667	ng	99
38) 1-Methylnaphthalene	12.090	142	3560508	62.310	ng	99
40) 1,2,4,5-Tetrachloroben...	12.237	216	1914890	63.709	ng	99
41) Hexachlorocyclopentadiene	12.231	237	537315	68.439	ng	99
43) 2,4,6-Trichlorophenol	12.495	196	1250359	68.701	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jul 03 15:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1383790	67.090	ng	99
46) 1,1'-Biphenyl	12.907	154	4675752	61.447	ng	100
47) 2-Chloronaphthalene	12.937	162	3517185	61.497	ng	98
48) 2-Nitroaniline	13.148	65	907242	63.792	ng	99
49) Acenaphthylene	13.807	152	5526428	63.134	ng	100
50) Dimethylphthalate	13.566	163	4648592	63.498	ng	100
51) 2,6-Dinitrotoluene	13.660	165	982034	68.780	ng	99
52) Acenaphthene	14.160	154	3486609	61.801	ng	99
53) 3-Nitroaniline	13.995	138	1081057	70.651	ng	97
54) 2,4-Dinitrophenol	14.207	184	430100	62.873	ng	94
55) Dibenzofuran	14.501	168	5689473	61.105	ng	99
56) 4-Nitrophenol	14.319	139	944200	66.867	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1348673	63.463	ng	98
58) Fluorene	15.160	166	4402726	61.134	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.736	232	1246432	66.732	ng	99
60) Diethylphthalate	14.972	149	4634770	63.033	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	2194839	61.583	ng	99
62) 4-Nitroaniline	15.183	138	1111684	69.287	ng	99
63) Azobenzene	15.472	77	3969523	60.626	ng	98
65) 4,6-Dinitro-2-methylph...	15.254	198	625497	62.277	ng	99
66) n-Nitrosodiphenylamine	15.395	169	3803576	62.033	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	1375012	62.680	ng	96
68) Hexachlorobenzene	16.201	284	1649772	61.529	ng	97
69) Atrazine	16.389	200	1107895	61.661	ng	99
70) Pentachlorophenol	16.548	266	1197597	66.135	ng	99
71) Phenanthrene	16.948	178	6952893	60.733	ng	100
72) Anthracene	17.048	178	6826544	62.154	ng	100
73) Carbazole	17.325	167	6534571	60.850	ng	100
74) Di-n-butylphthalate	17.966	149	7890575	65.983	ng	99
75) Fluoranthene	19.054	202	8151085	60.911	ng	98
77) Benzidine	19.260	184	1867570	48.887	ng	100
78) Pyrene	19.436	202	8447118	63.052	ng	99
80) Butylbenzylphthalate	20.436	149	3368485	63.936	ng	99
81) Benzo(a)anthracene	21.342	228	8160252	62.254	ng	99
82) 3,3'-Dichlorobenzidine	21.271	252	2685016	68.044	ng	100
83) Chrysene	21.401	228	7729618	61.276	ng	99
84) Bis(2-ethylhexyl)phtha...	21.342	149	4960480	70.551	ng	98
85) Di-n-octyl phthalate	22.565	149	8384283	62.869	ng	99
87) Indeno(1,2,3-cd)pyrene	28.071	276	9961748m	67.489	ng	
88) Benzo(b)fluoranthene	23.518	252	8800482	65.272	ng	100
89) Benzo(k)fluoranthene	23.583	252	8461854	63.076	ng	99
90) Benzo(a)pyrene	24.359	252	7703067	67.128	ng	100
91) Dibenzo(a,h)anthracene	28.153	278	8144621	66.770	ng	99
92) Benzo(g,h,i)perylene	29.159	276	8319243	66.020	ng	100

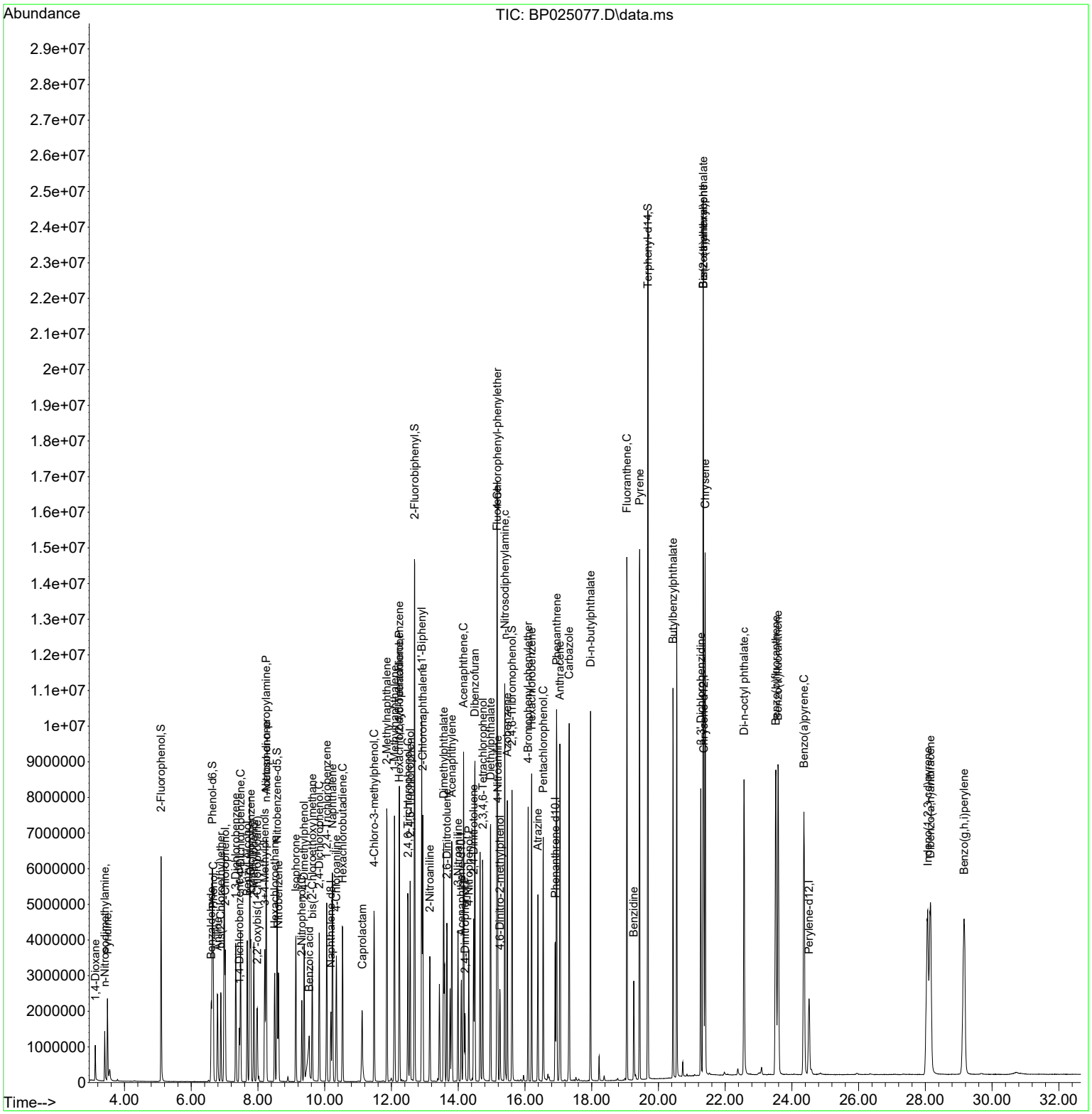
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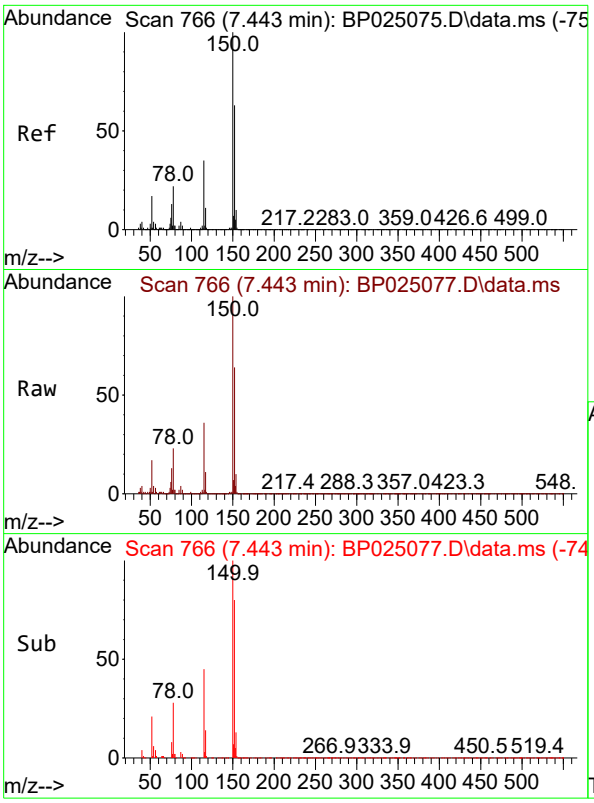
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jul 03 15:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



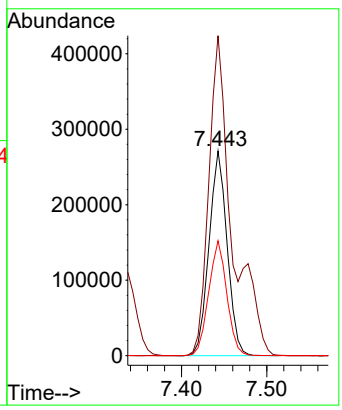


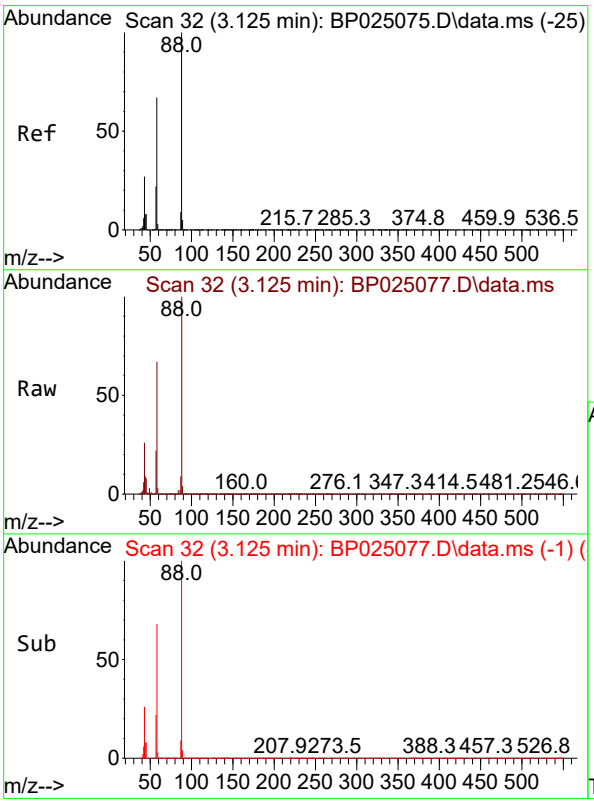
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 400654

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.1	189.1
115	56.1	44.3	66.5

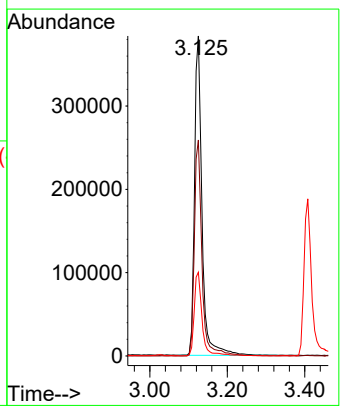


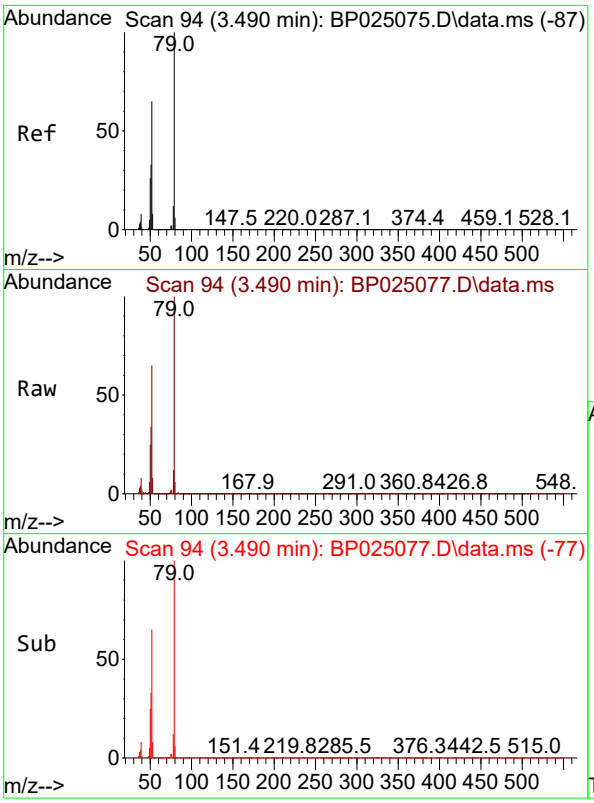


#2
1,4-Dioxane
Concen: 58.570 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 88 Resp: 514997

Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.0	82.4
43	27.4	21.9	32.9



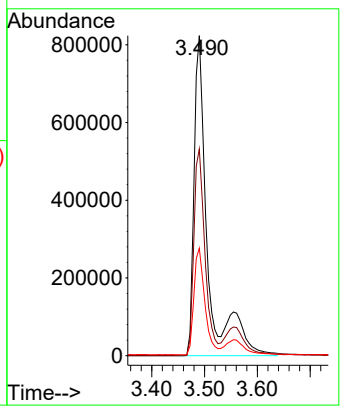


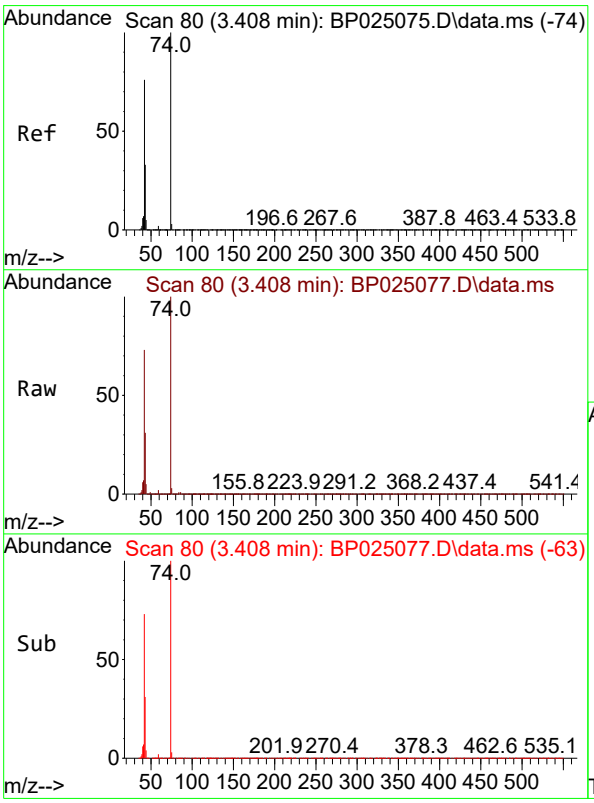
#3
Pyridine
Concen: 61.892 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1488833

Ion	Ratio	Lower	Upper
79	100		
52	64.6	52.2	78.4
51	33.6	26.8	40.2

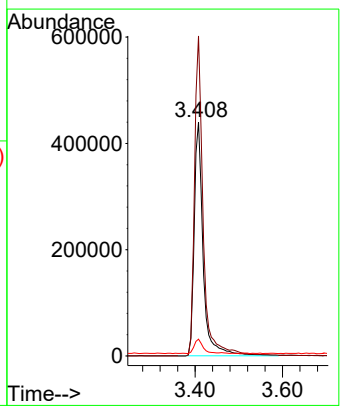


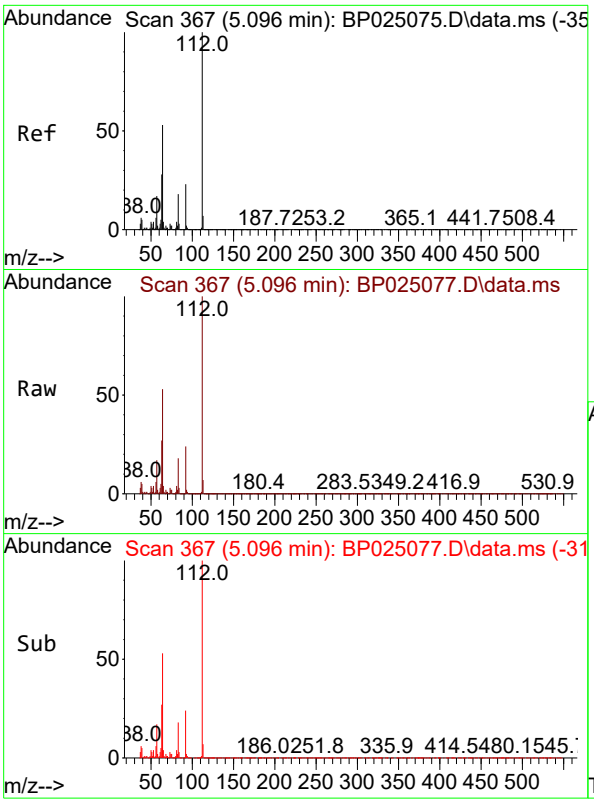


#4
n-Nitrosodimethylamine
Concen: 61.529 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 42 Resp: 627147

Ion	Ratio	Lower	Upper
42	100		
74	136.8	105.2	157.8
44	7.2	6.6	9.8



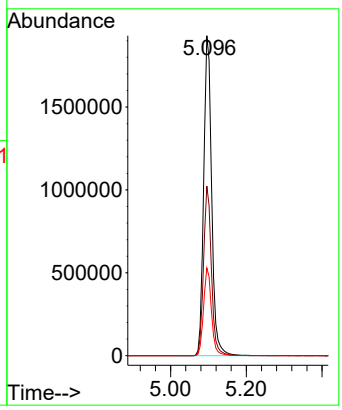


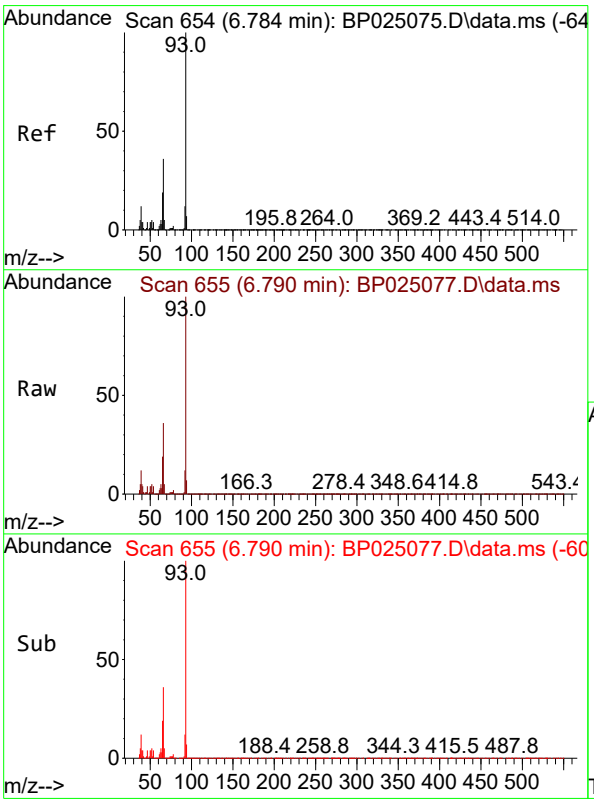
#5
2-Fluorophenol
Concen: 124.128 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 2806806

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.0	63.0
63	27.4	22.2	33.2

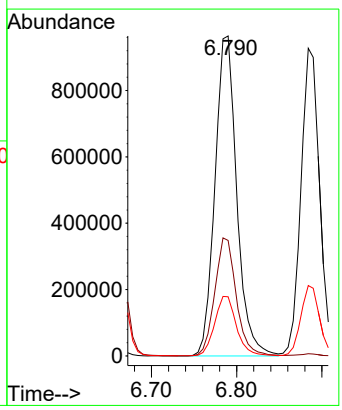


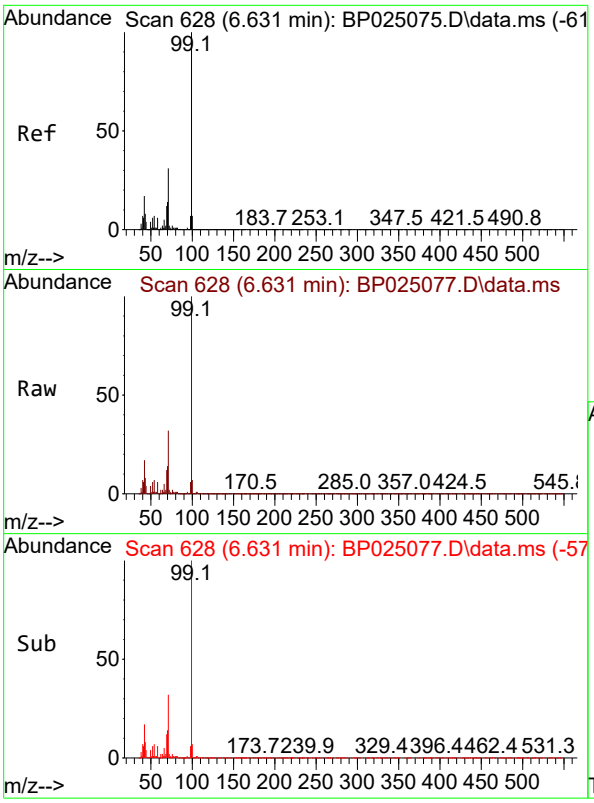


#6
Aniline
Concen: 62.270 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 93 Resp: 1716823

Ion	Ratio	Lower	Upper
93	100		
66	36.1	28.9	43.3
65	18.5	15.2	22.8



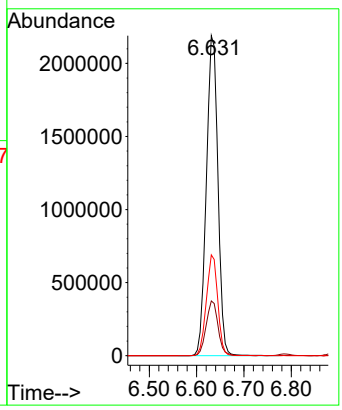


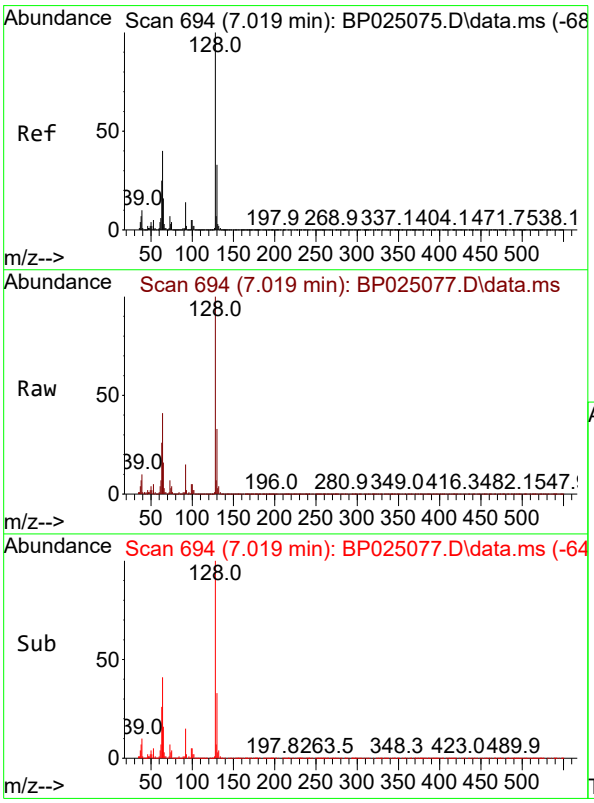
#7
Phenol-d6
Concen: 125.737 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 3710318

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	31.5	24.4	36.6

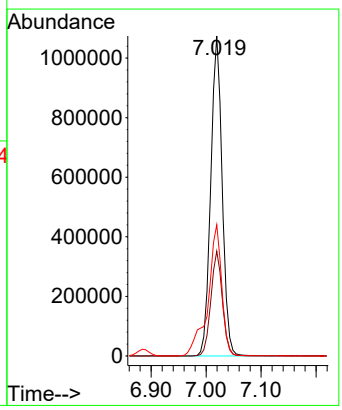


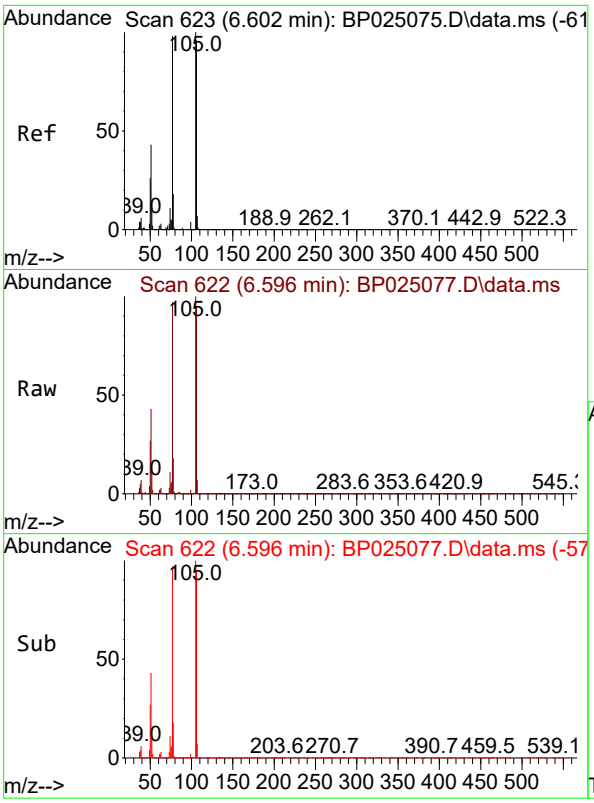


#8
2-Chlorophenol
Concen: 61.468 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:128 Resp: 1555133

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	41.0	20.3	60.3



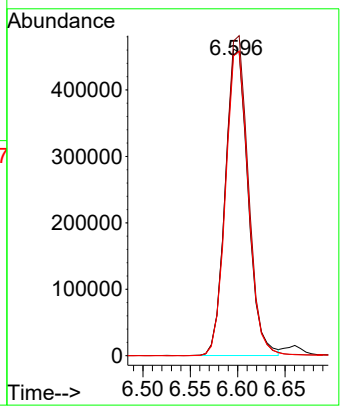


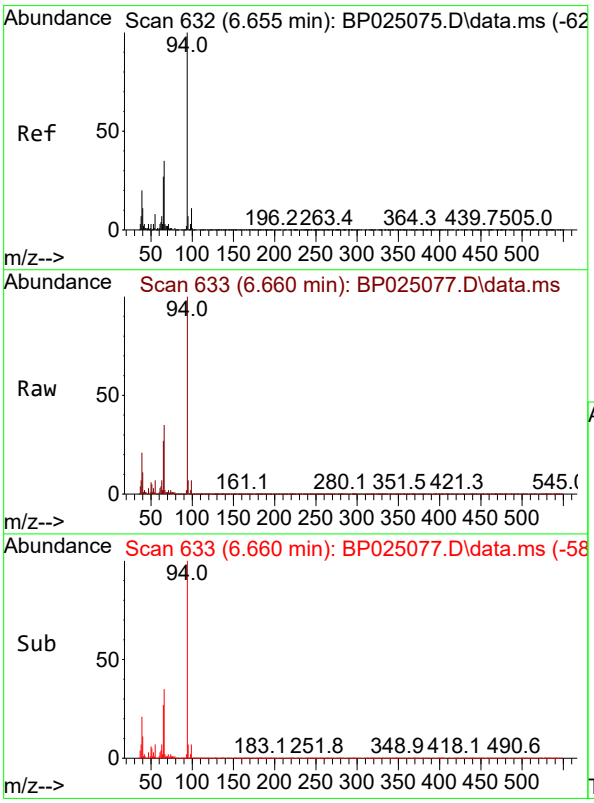
#9
Benzaldehyde
Concen: 49.971 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 770087

Ion	Ratio	Lower	Upper
77	100		
105	102.7	82.4	122.4
106	97.8	78.3	118.3

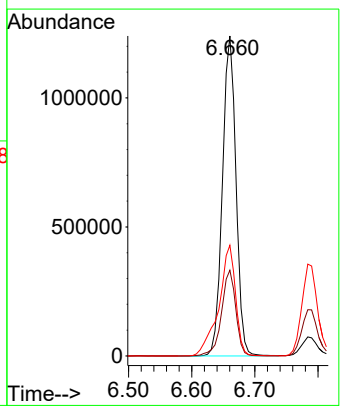


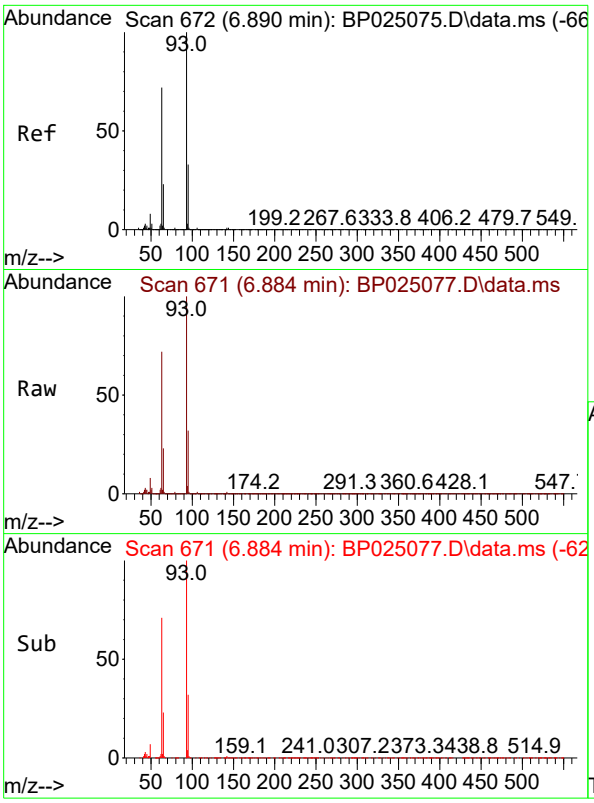


#10
Phenol
Concen: 61.753 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 94 Resp: 1851536

Ion	Ratio	Lower	Upper
94	100		
65	26.8	6.9	46.9
66	34.6	14.6	54.6



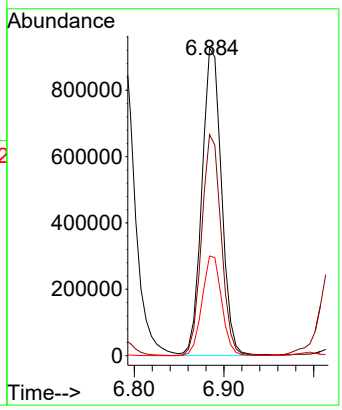


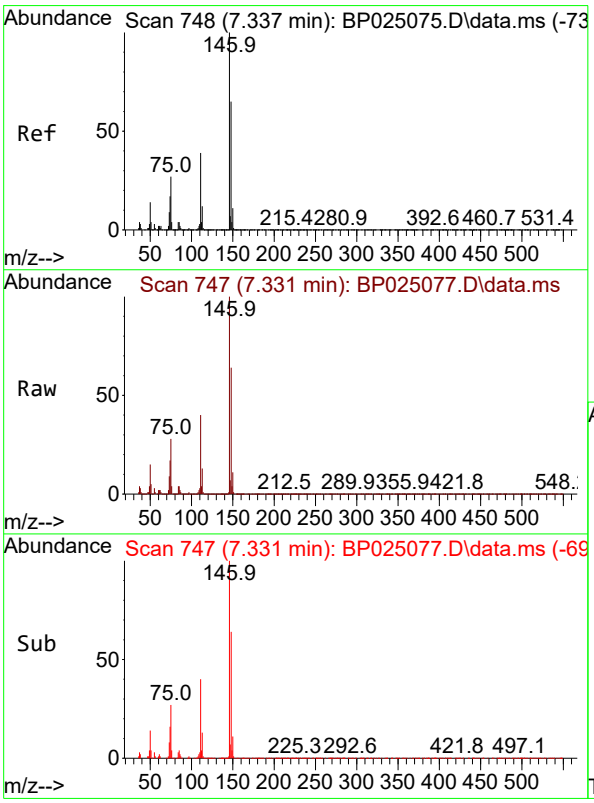
#11
bis(2-Chloroethyl)ether
Concen: 61.048 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 1408699

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	32.4	12.4	52.4

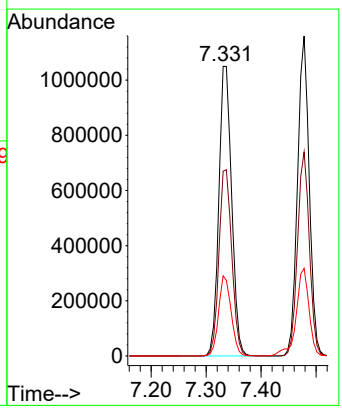


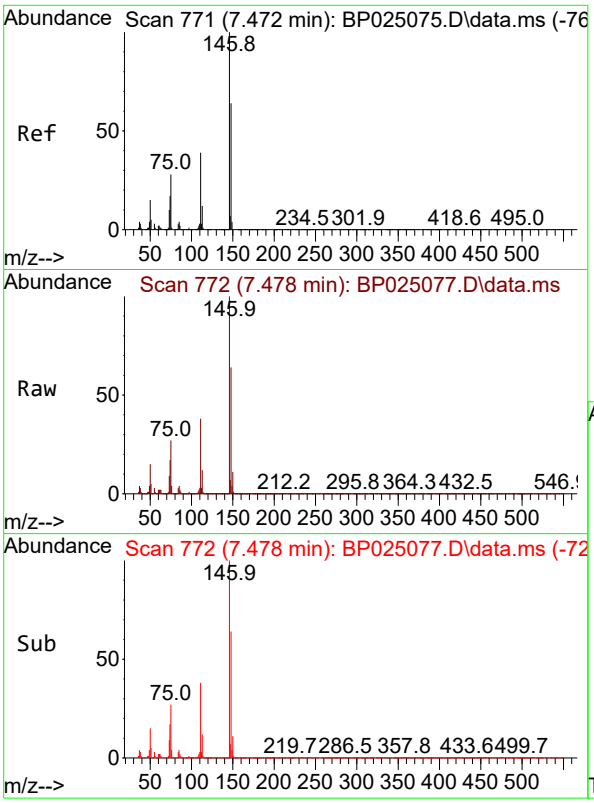


#12
1,3-Dichlorobenzene
Concen: 60.002 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:146 Resp: 1698963

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	27.7	21.8	32.6



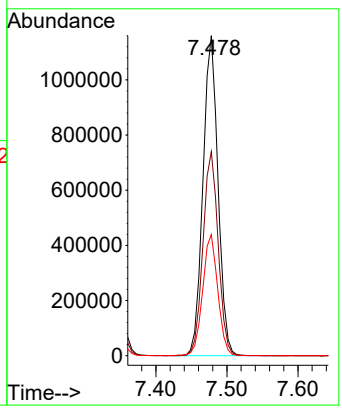


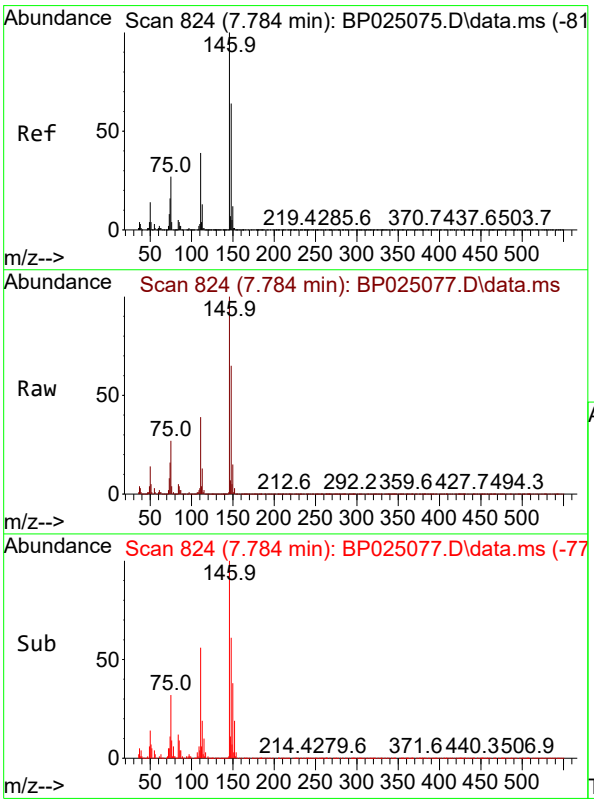
#13
1,4-Dichlorobenzene
Concen: 59.706 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1711649

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	37.8	31.2	46.8

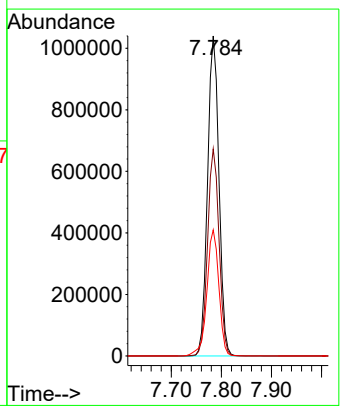


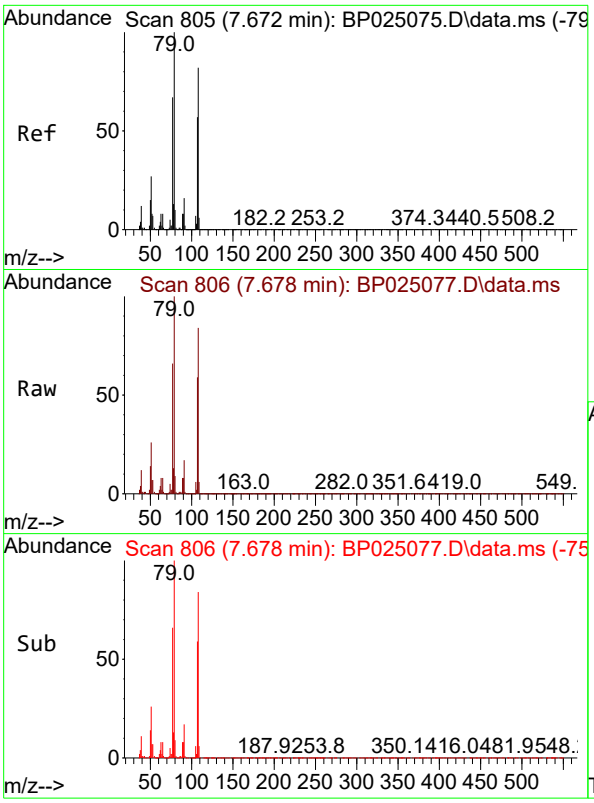


#14
1,2-Dichlorobenzene
Concen: 59.636 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:146 Resp: 1644605

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	39.4	31.2	46.8



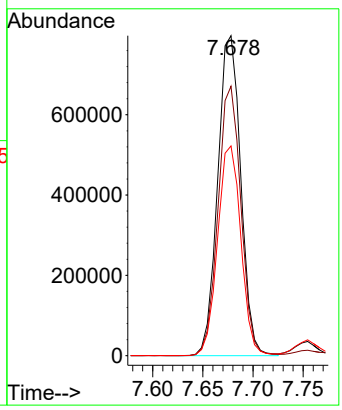


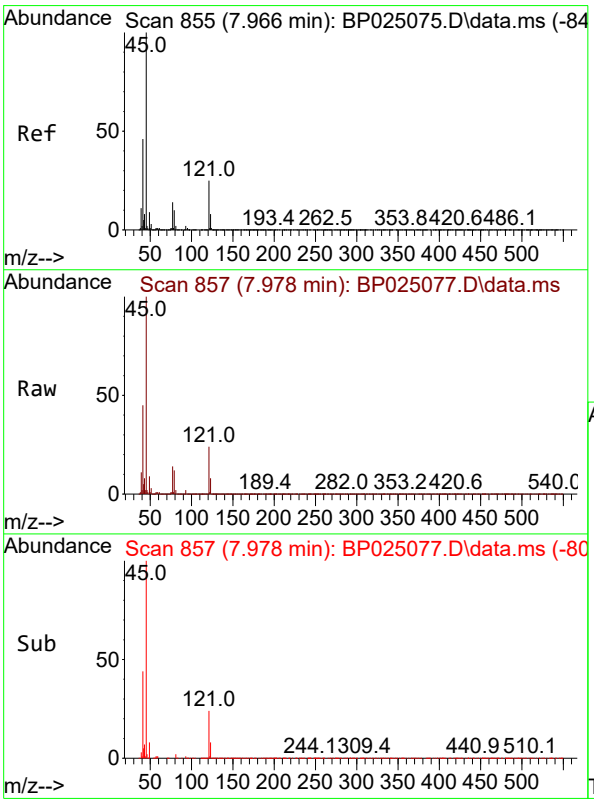
#15
Benzyl Alcohol
Concen: 64.566 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1271626

Ion	Ratio	Lower	Upper
79	100		
108	84.2	66.0	99.0
77	65.6	53.4	80.2

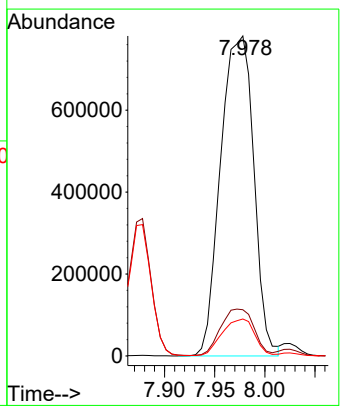


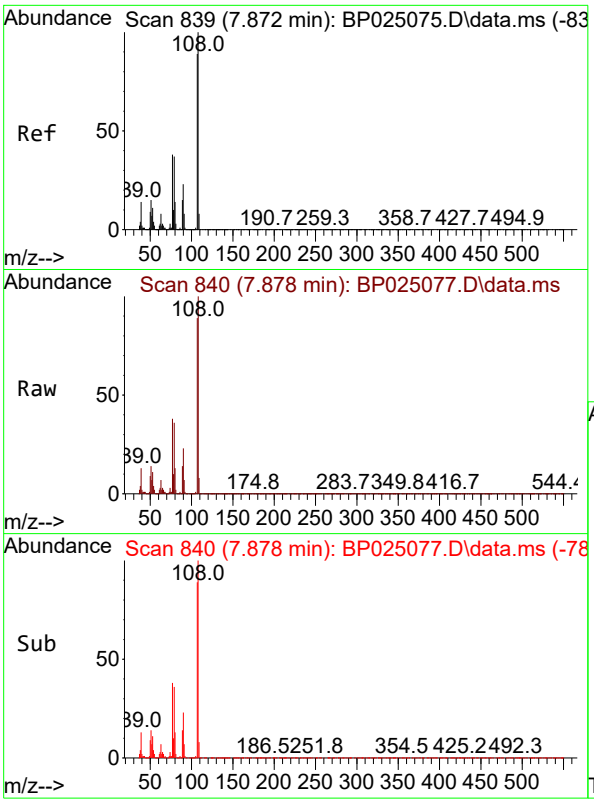


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.970 ng
RT: 7.978 min Scan# 857
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 45 Resp: 1799327

Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.8
79	11.6	0.0	30.7



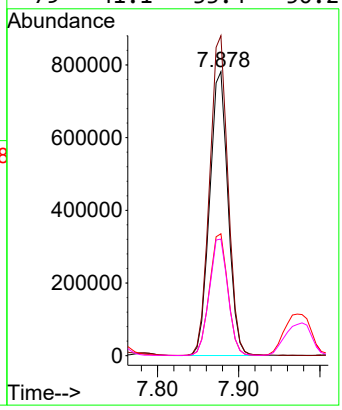


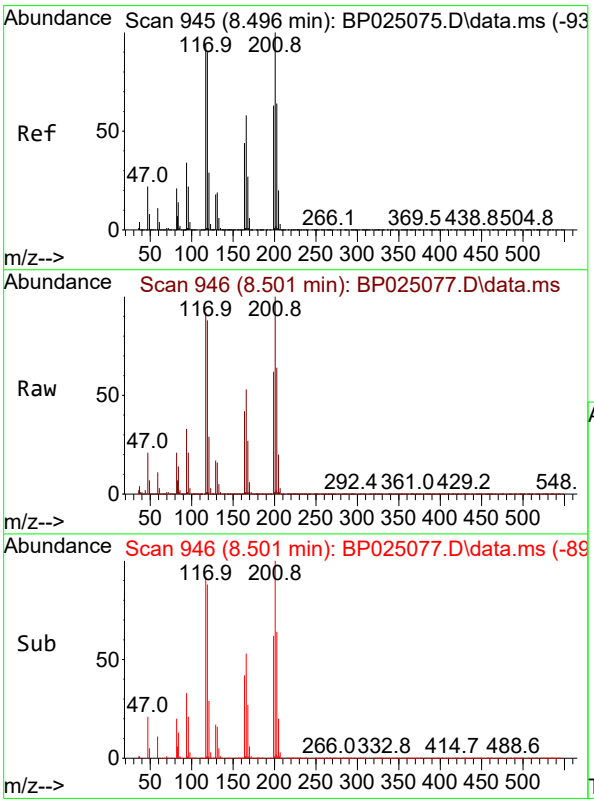
#17
2-Methylphenol
Concen: 63.538 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 1227158

Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.7	134.5
77	42.9	34.2	51.4
79	41.1	33.4	50.2

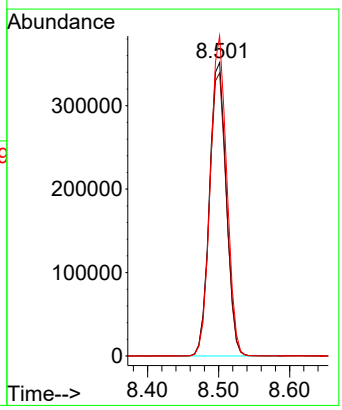


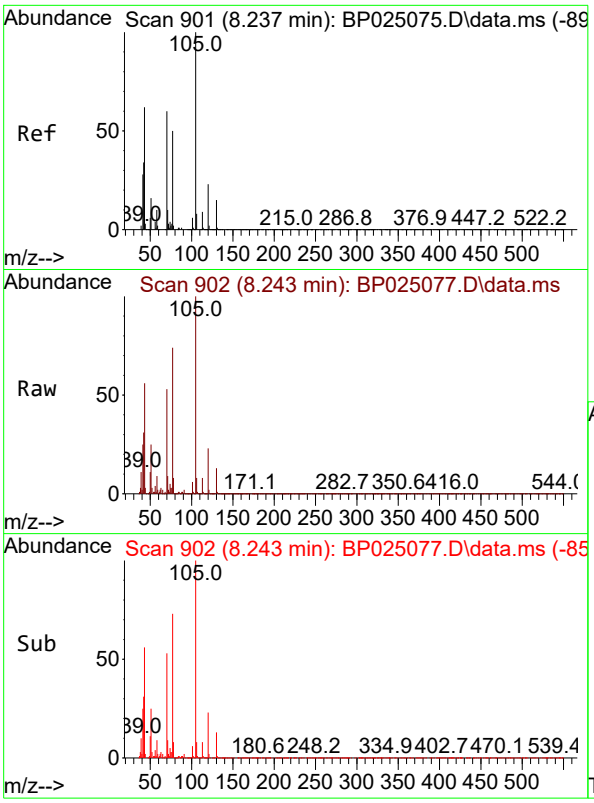


#18
Hexachloroethane
Concen: 61.873 ng
RT: 8.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:117 Resp: 577842

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	115.0
201	109.0	85.4	128.2



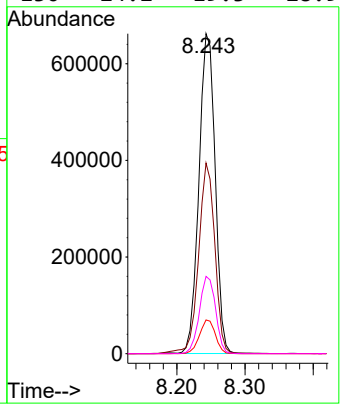


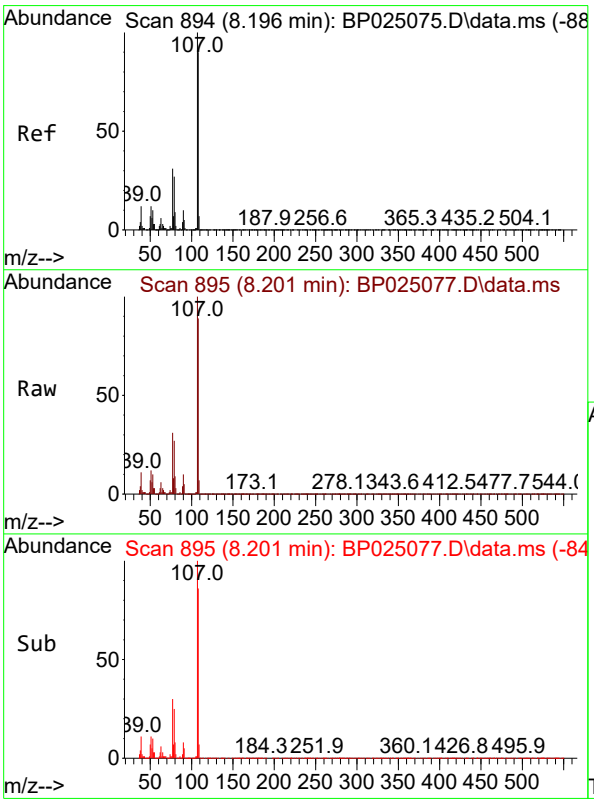
#19
n-Nitroso-di-n-propylamine
Concen: 62.642 ng
RT: 8.243 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 1096243

Ion	Ratio	Lower	Upper
70	100		
42	59.6	46.5	69.7
101	10.6	7.9	11.9
130	24.2	19.3	28.9

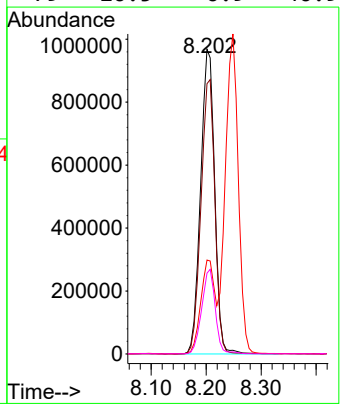


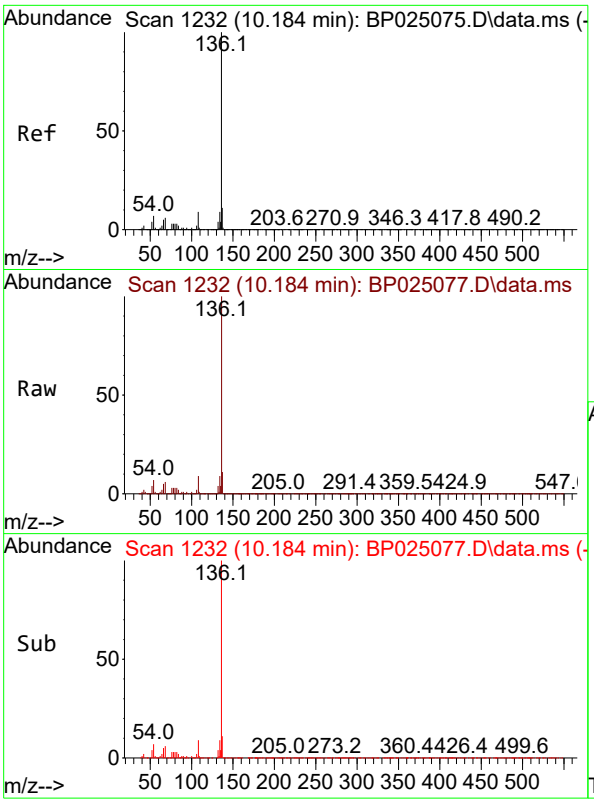


#20
3+4-Methylphenols
Concen: 63.466 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:107 Resp: 1716929

Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.5	109.5
77	30.9	11.4	51.4
79	26.5	6.9	46.9



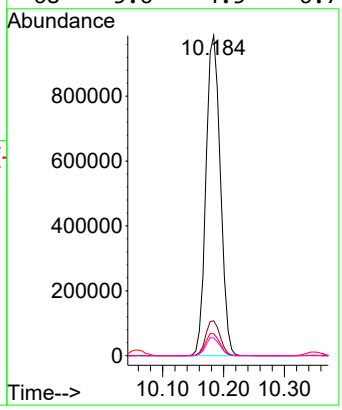


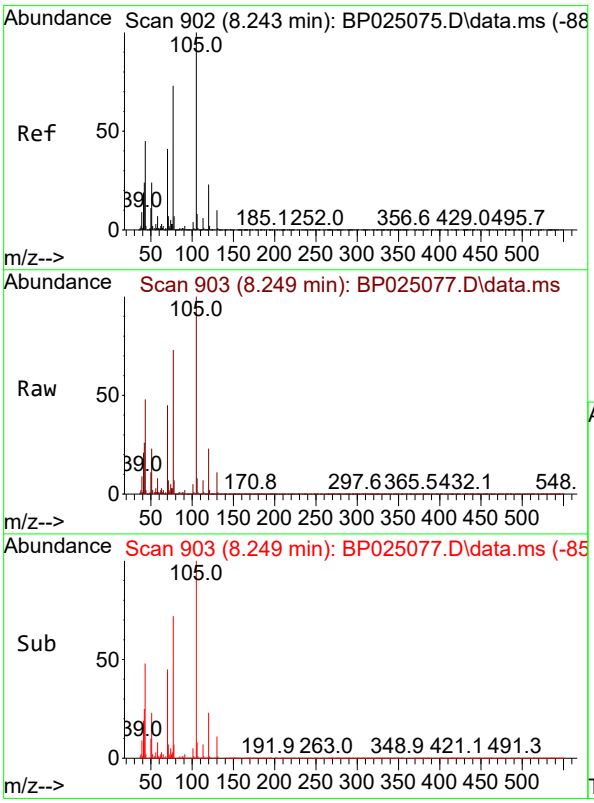
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 1612661

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.4	8.2
68	5.6	4.5	6.7

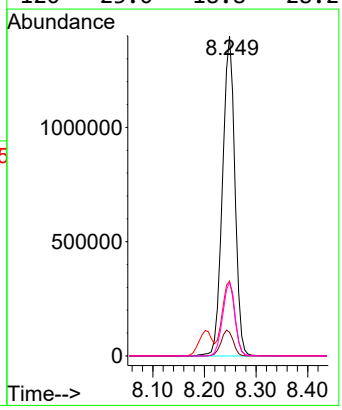


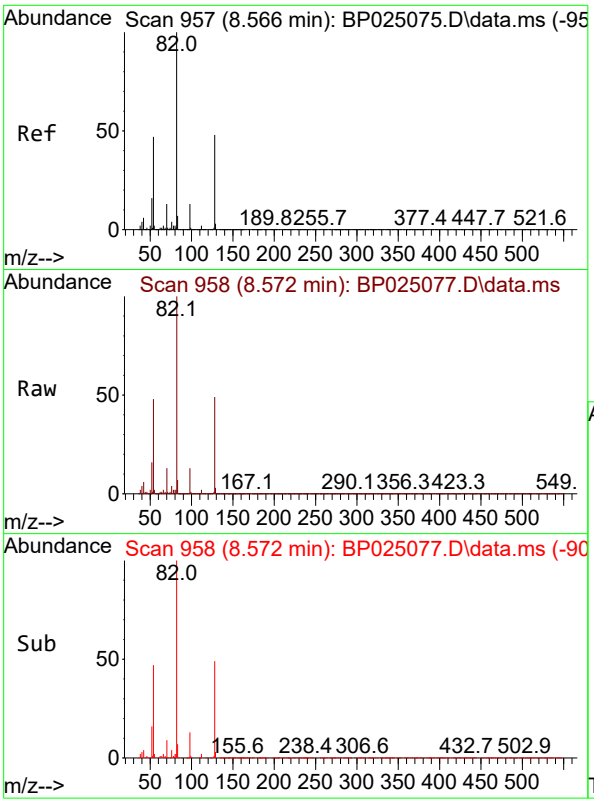


#22
Acetophenone
Concen: 60.946 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:105 Resp: 2324403

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.4	8.2
51	23.4	19.6	29.4
120	23.0	18.8	28.2



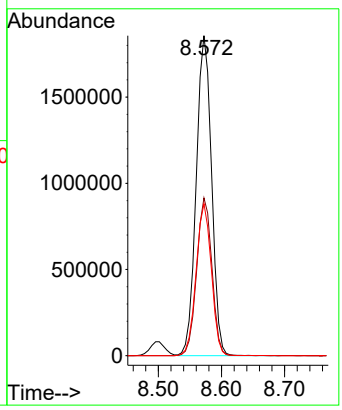


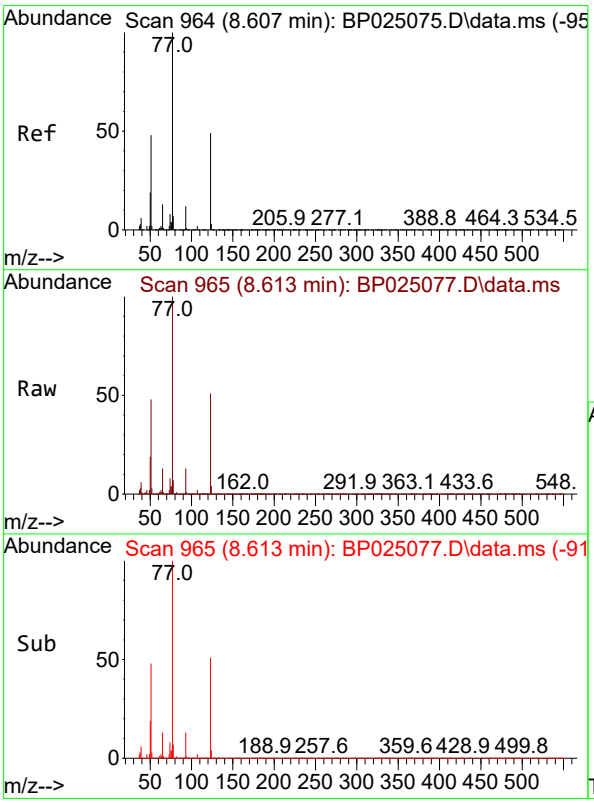
#23
Nitrobenzene-d5
Concen: 129.067 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 3129724

Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.4	57.6
54	47.5	37.8	56.6

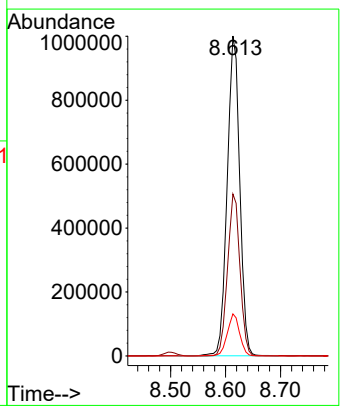


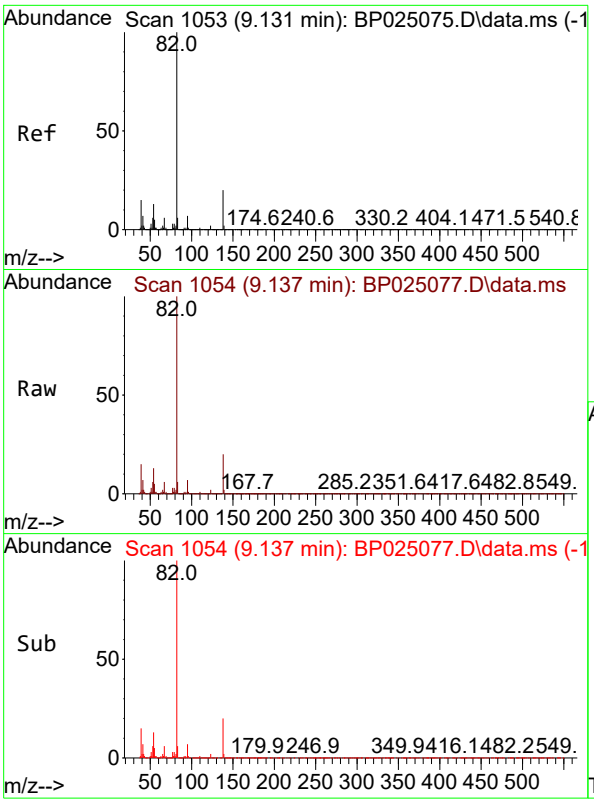


#24
Nitrobenzene
Concen: 64.118 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 77 Resp: 1583678

Ion	Ratio	Lower	Upper
77	100		
123	50.6	39.0	58.6
65	13.2	10.7	16.1



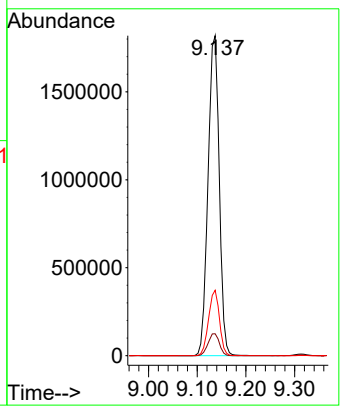


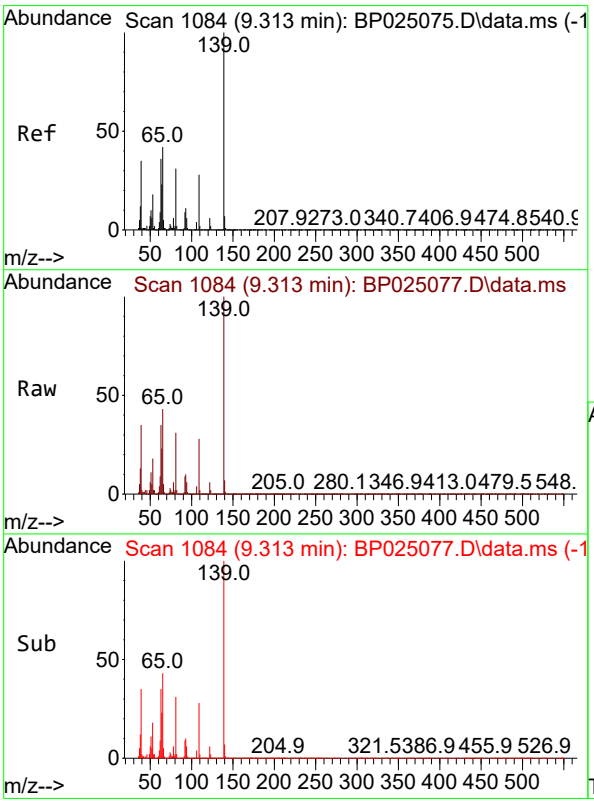
#25
Isophorone
Concen: 63.768 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2889727

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	20.4	15.7	23.5

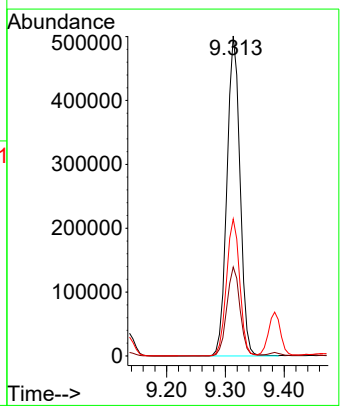


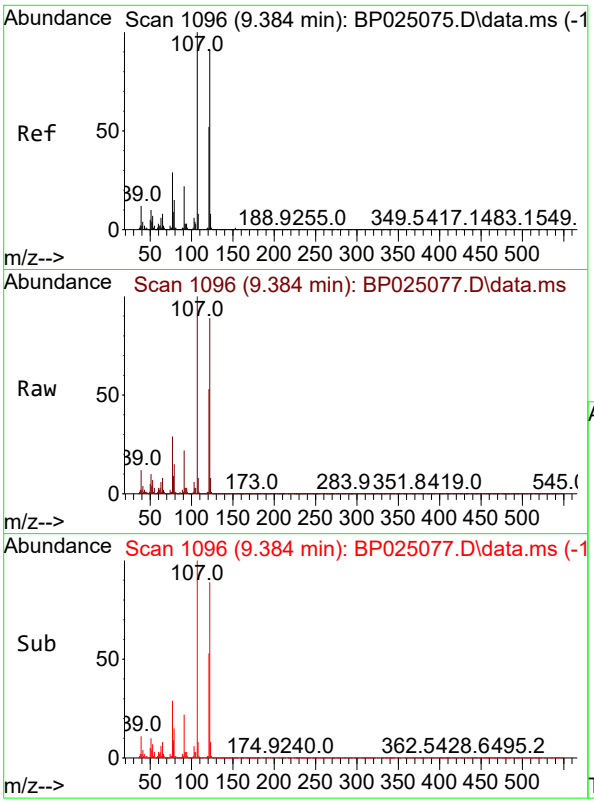


#26
2-Nitrophenol
Concen: 63.426 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:139 Resp: 773866

Ion	Ratio	Lower	Upper
139	100		
109	27.8	22.3	33.5
65	42.8	33.8	50.8



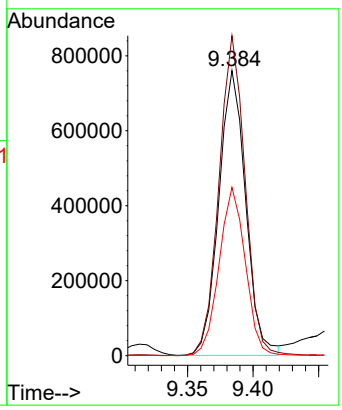


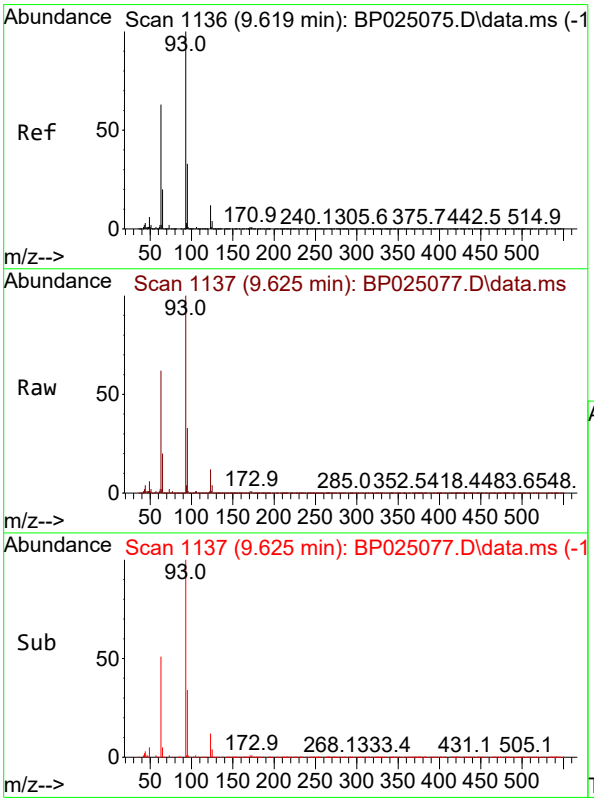
#27
2,4-Dimethylphenol
Concen: 64.024 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 1082275

Ion	Ratio	Lower	Upper
122	100		
107	112.2	88.2	132.2
121	59.0	46.1	69.1

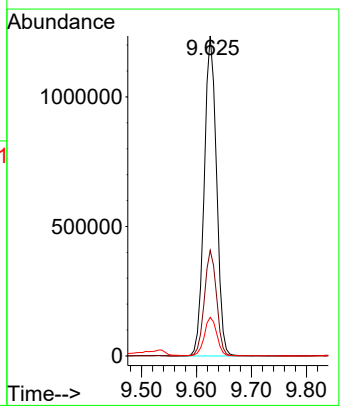


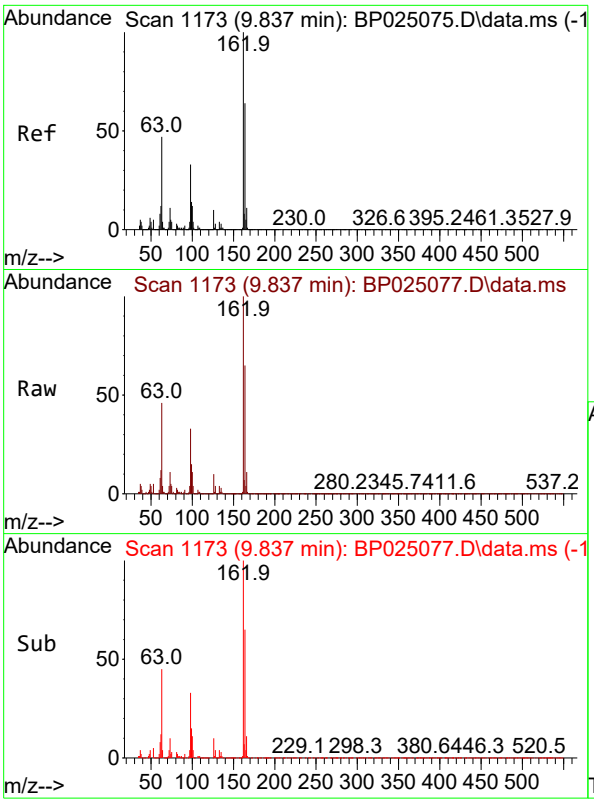


#28
bis(2-Chloroethoxy)methane
Concen: 62.478 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 93 Resp: 1922438

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.1	10.1	15.1



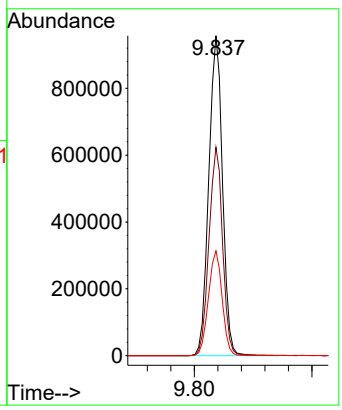


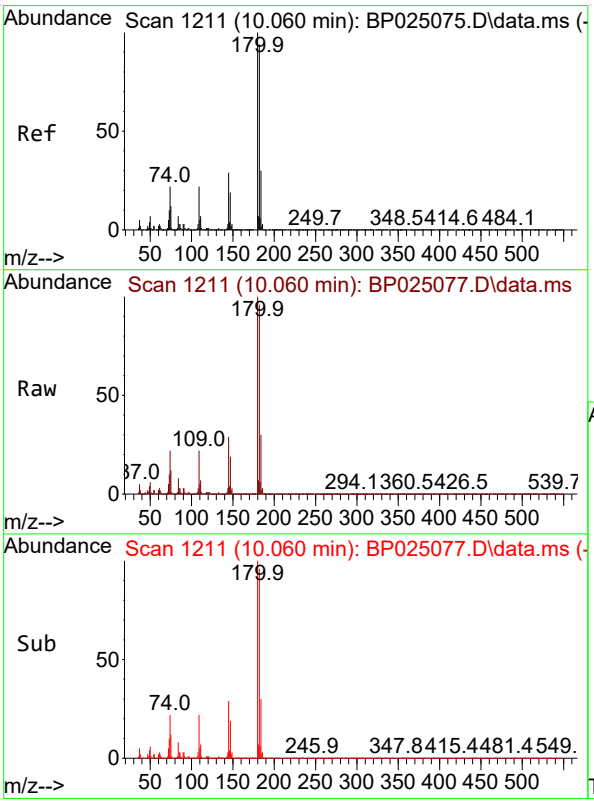
#29
2,4-Dichlorophenol
Concen: 66.313 ng
RT: 9.837 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1554368

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.1	84.1
98	32.7	13.1	53.1

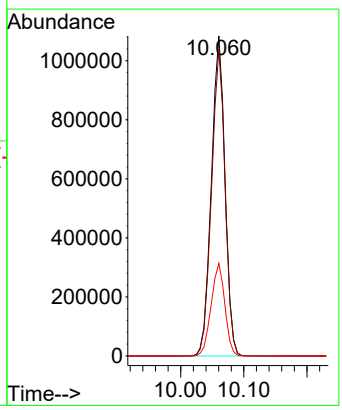


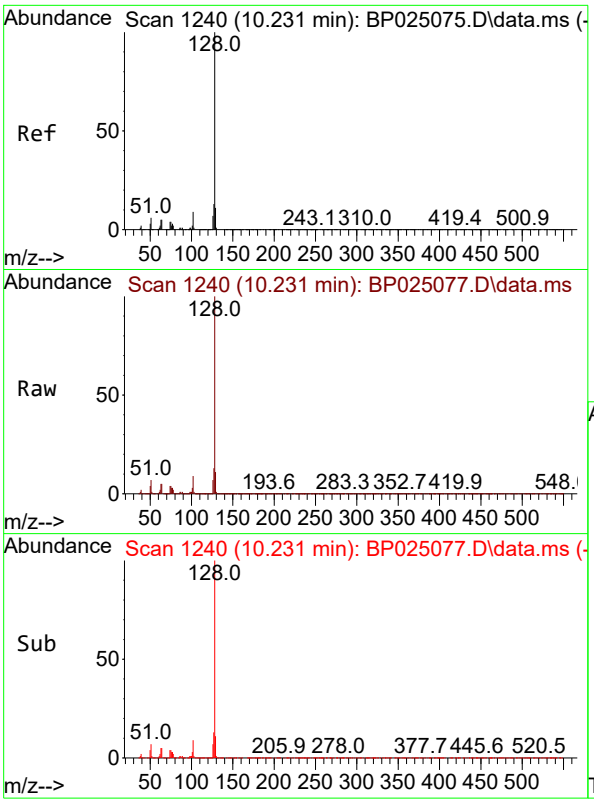


#30
1,2,4-Trichlorobenzene
Concen: 62.486 ng
RT: 10.060 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:180 Resp: 1621972

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.1	112.7
145	28.9	23.3	34.9



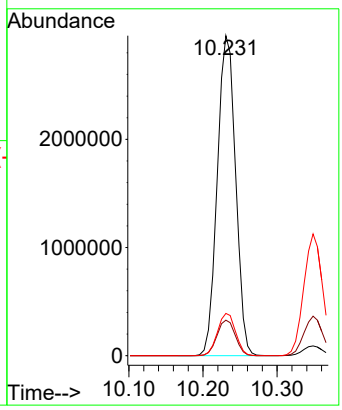


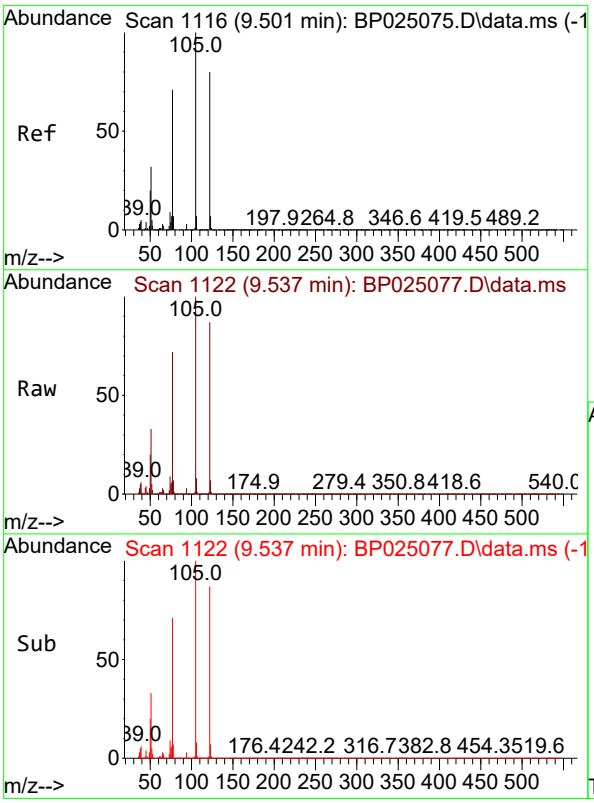
#31
Naphthalene
Concen: 61.093 ng
RT: 10.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 5073090

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.4	15.6

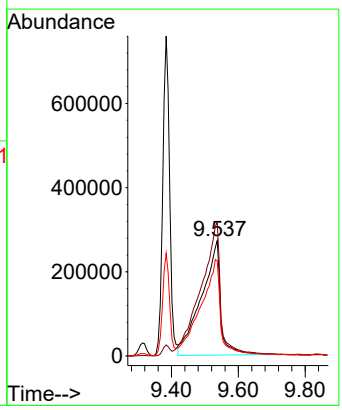


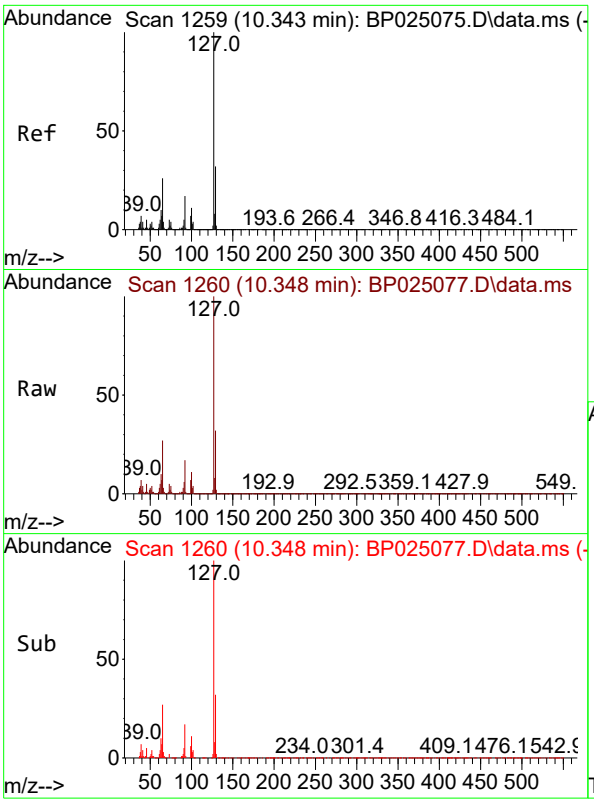


#32
Benzoic acid
Concen: 65.480 ng
RT: 9.537 min Scan# 1122
Delta R.T. 0.036 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:122 Resp: 1088519

Ion	Ratio	Lower	Upper
122	100		
105	115.5	101.0	141.0
77	82.7	67.6	107.6



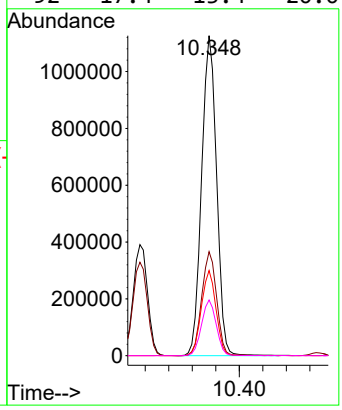


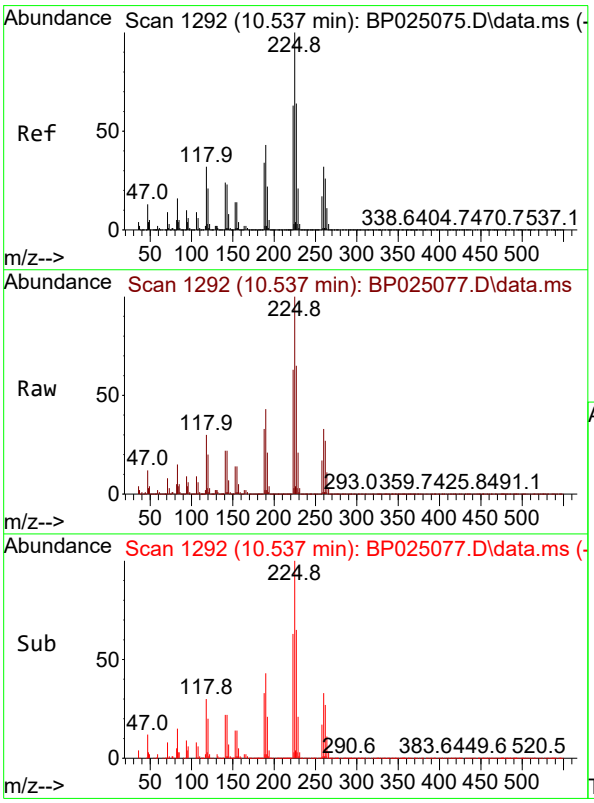
#33
4-Chloroaniline
Concen: 64.093 ng
RT: 10.348 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1986181

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	26.6	21.0	31.6
92	17.4	13.4	20.0

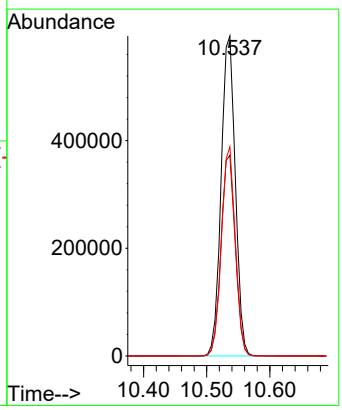


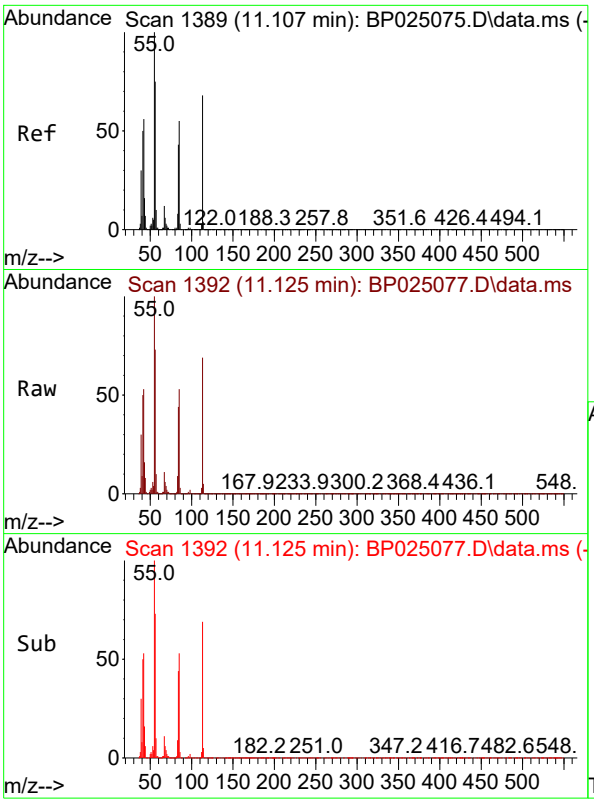


#34
Hexachlorobutadiene
Concen: 62.176 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:225 Resp: 926172

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	65.4	51.3	76.9



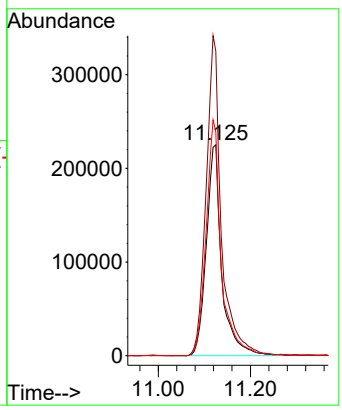


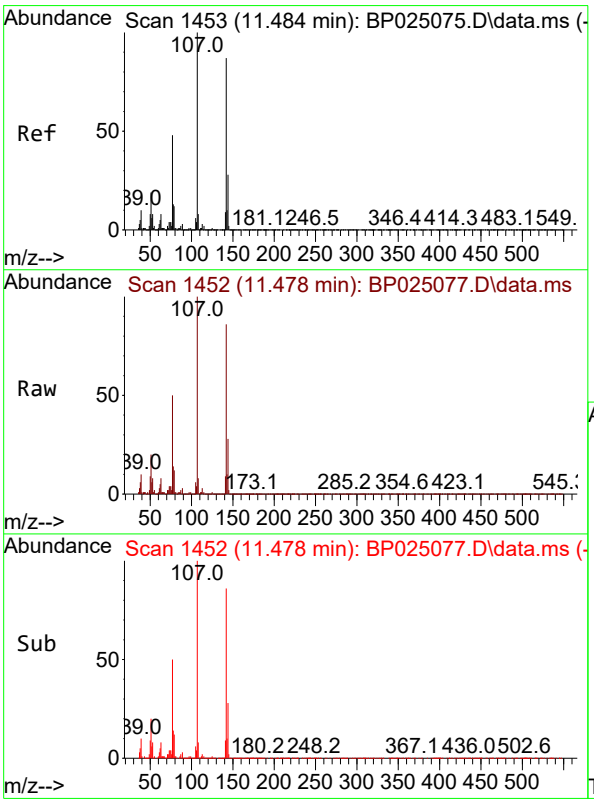
#35
Caprolactam
Concen: 65.271 ng
RT: 11.125 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 523393

Ion	Ratio	Lower	Upper
113	100		
55	144.5	128.1	168.1
56	106.1	90.7	130.7

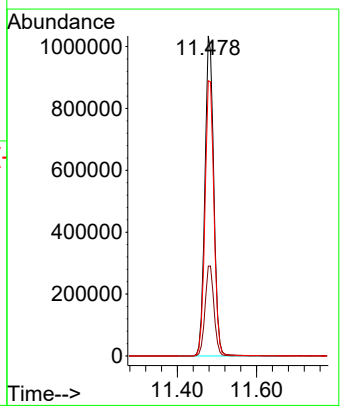


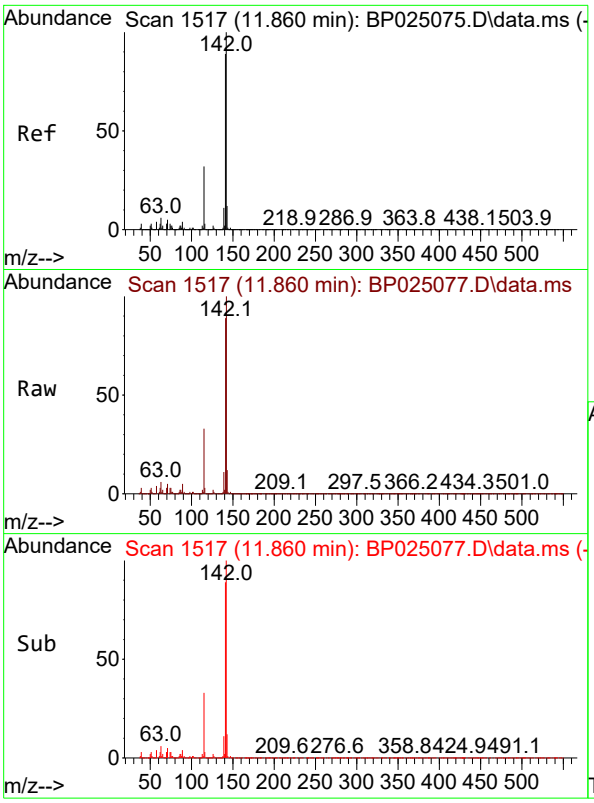


#36
4-Chloro-3-methylphenol
Concen: 65.488 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:107 Resp: 1604130

Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.4	33.6
142	86.0	69.6	104.4



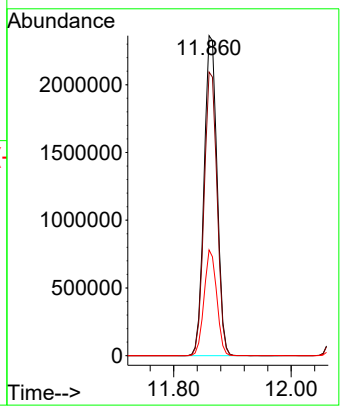


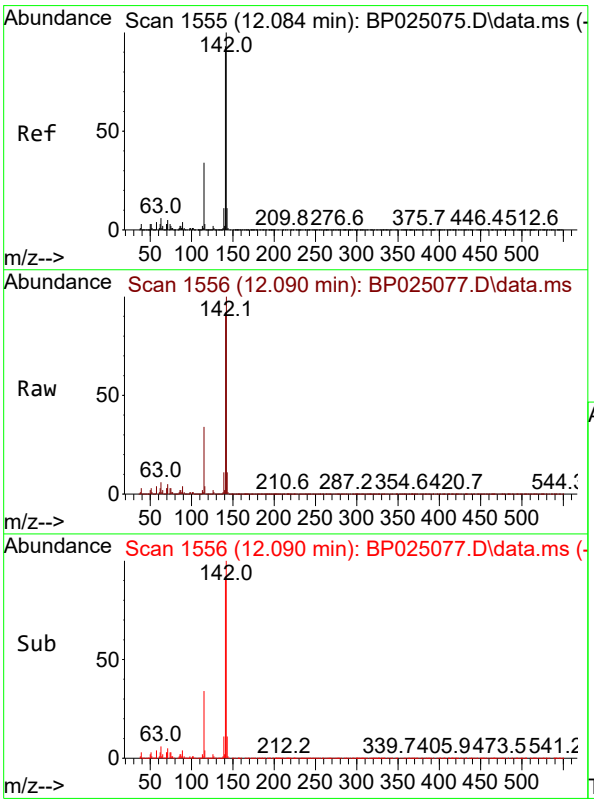
#37
2-Methylnaphthalene
Concen: 61.667 ng
RT: 11.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 3613084

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8
115	33.0	25.9	38.9

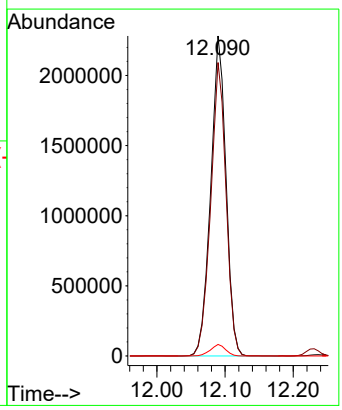


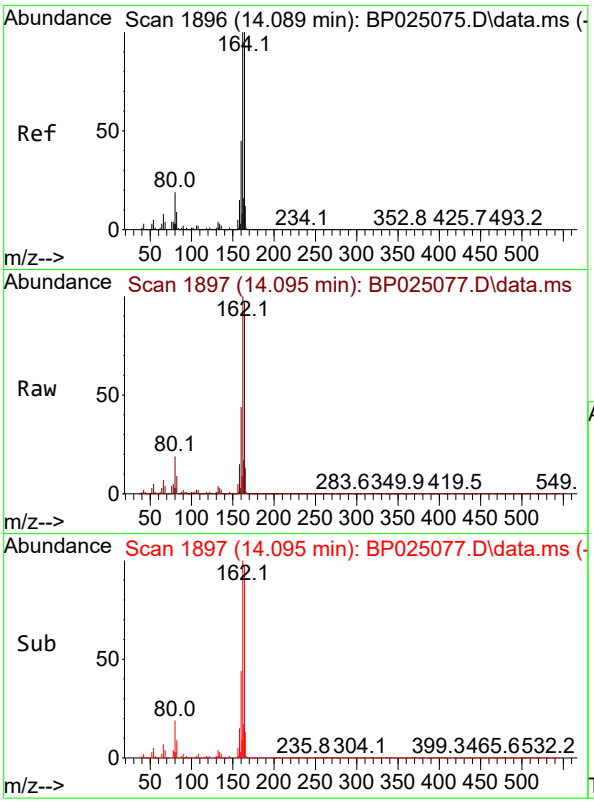


#38
1-Methylnaphthalene
Concen: 62.310 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:142 Resp: 3560508

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.1	111.1
116	3.6	2.7	4.1



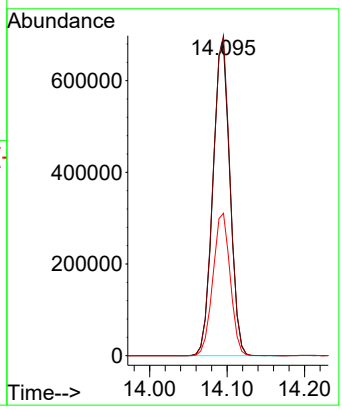


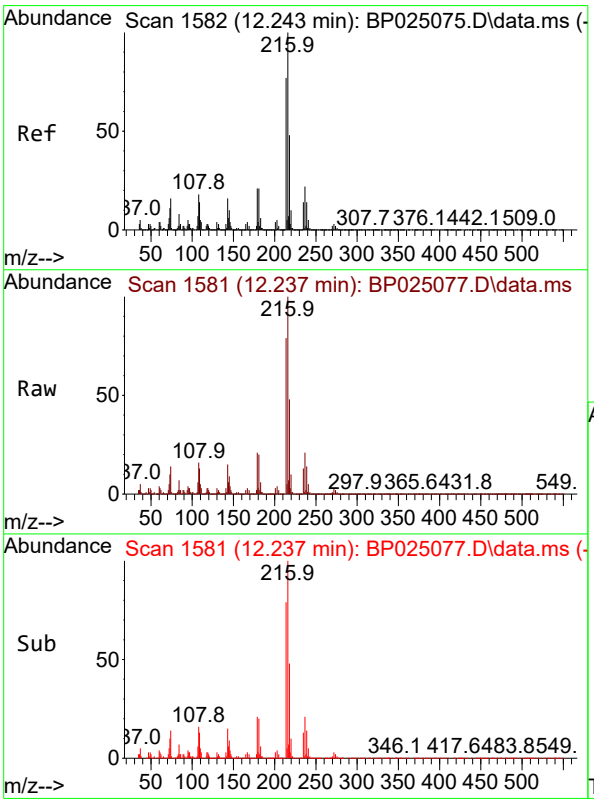
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 1045830

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.3	120.5
160	45.8	35.9	53.9

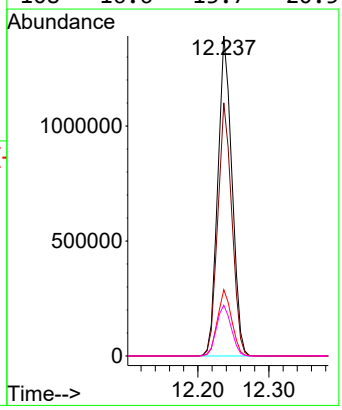


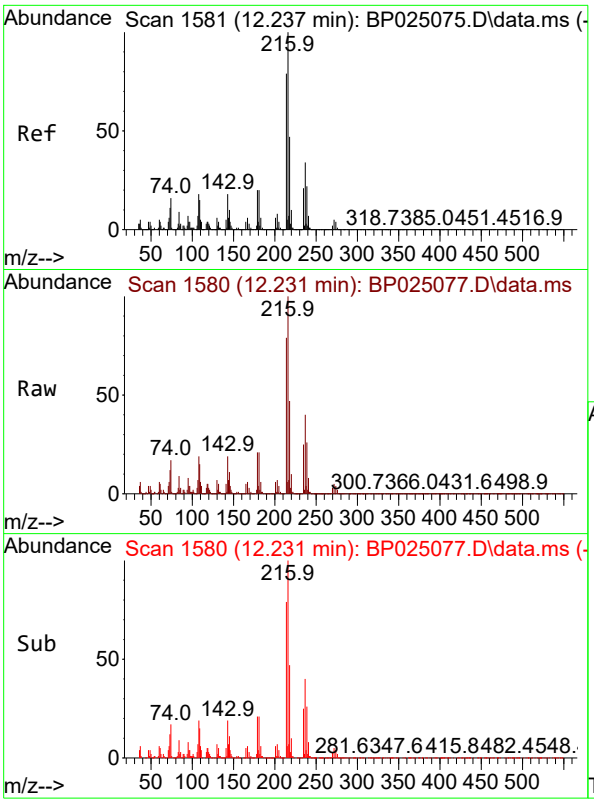


#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.709 ng
RT: 12.237 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:216 Resp: 1914890

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	20.7	16.5	24.7
108	16.6	13.7	20.5



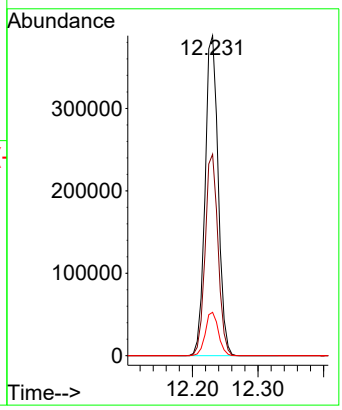


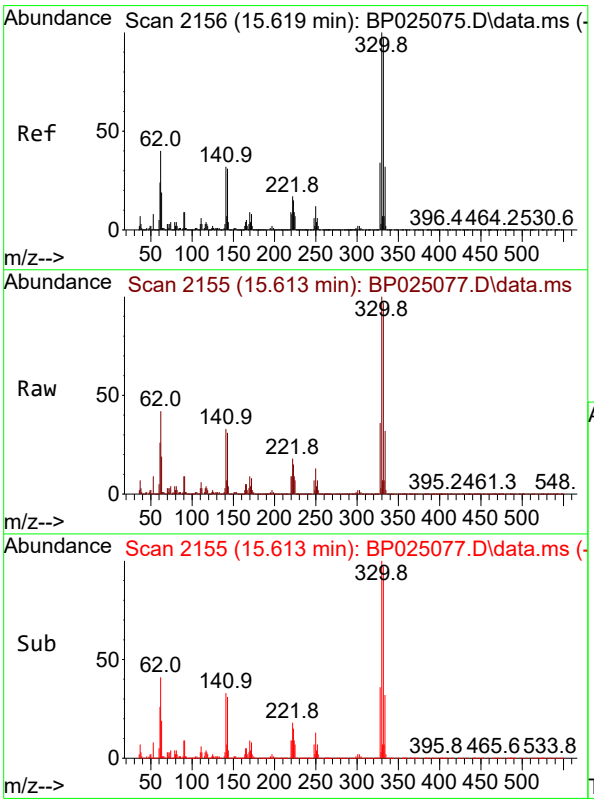
#41
Hexachlorocyclopentadiene
Concen: 68.439 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 537315

Ion	Ratio	Lower	Upper
237	100		
235	63.0	41.6	81.6
272	13.6	0.0	33.6

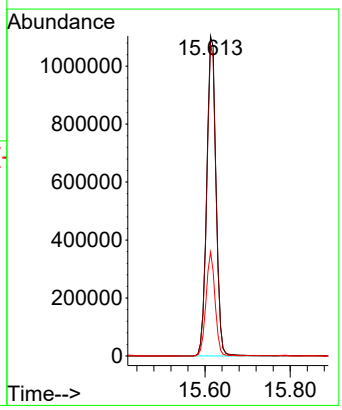


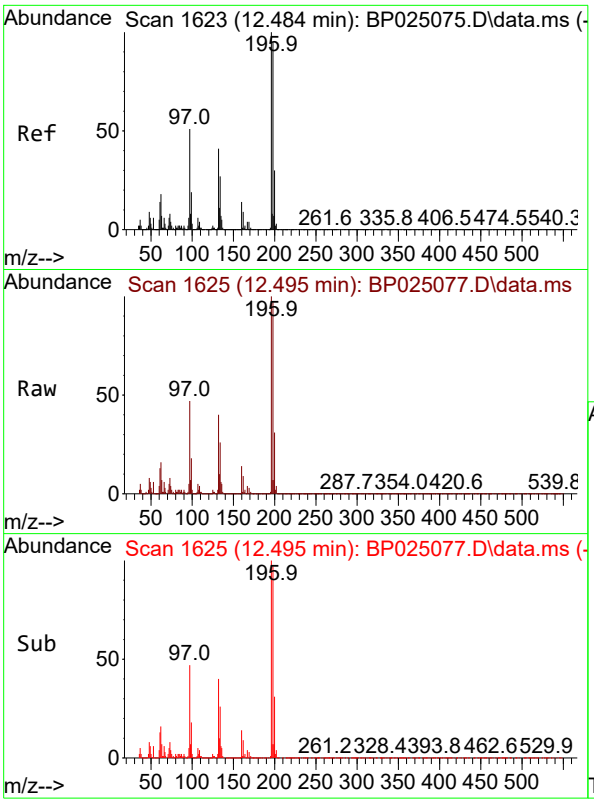


#42
2,4,6-Tribromophenol
Concen: 135.264 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:330 Resp: 1671151

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	31.6	26.0	39.0



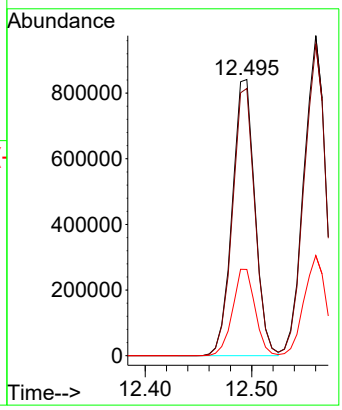


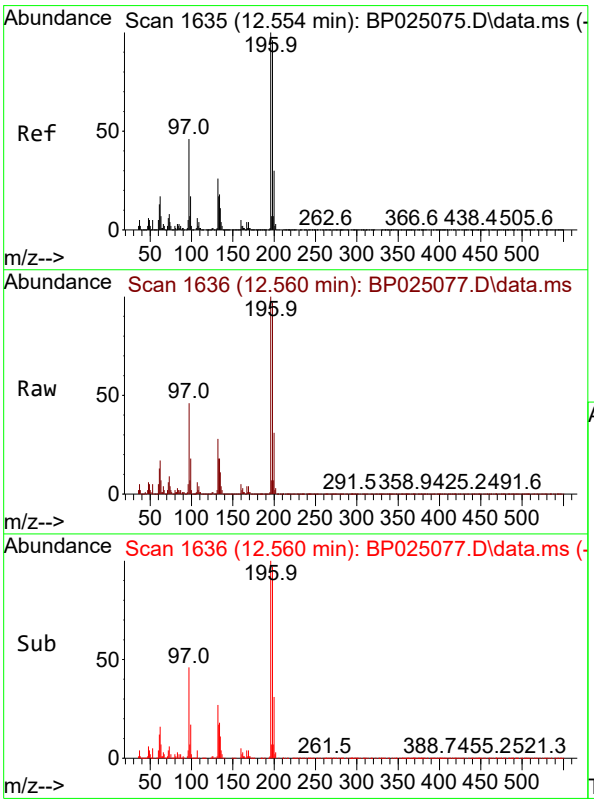
#43
2,4,6-Trichlorophenol
Concen: 68.701 ng
RT: 12.495 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 1250359

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.2	114.2
200	31.2	24.3	36.5

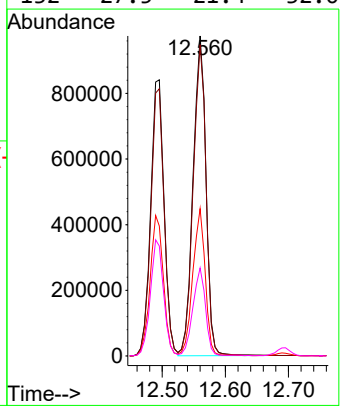


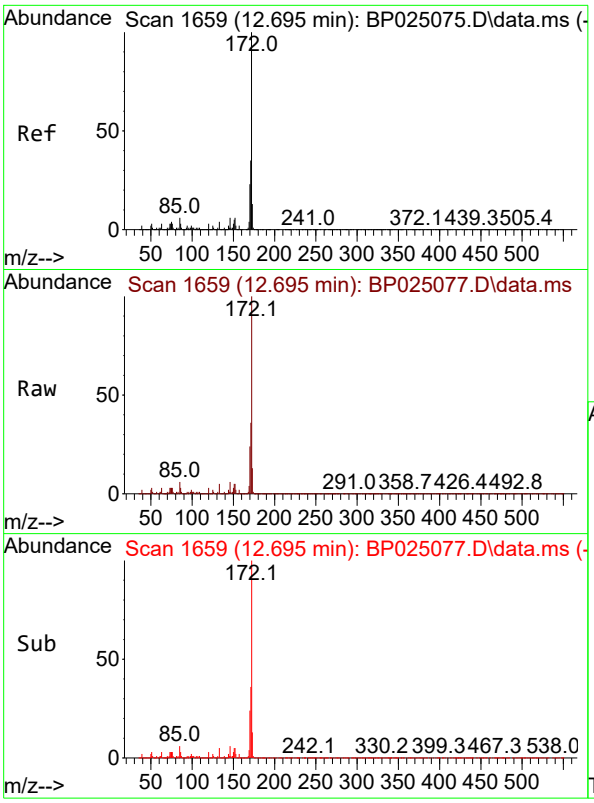


#44
2,4,5-Trichlorophenol
Concen: 67.090 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:196 Resp: 1383790

Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.6	115.0
97	46.1	36.6	55.0
132	27.5	21.4	32.0



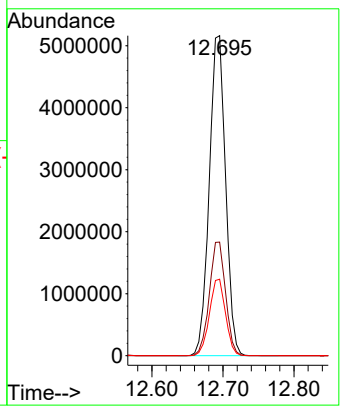


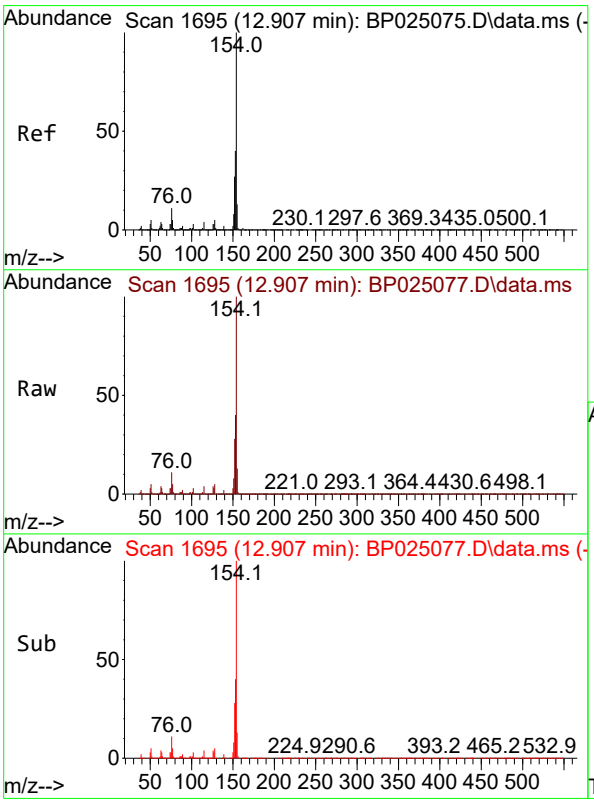
#45
2-Fluorobiphenyl
Concen: 121.896 ng
RT: 12.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 8229134

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.9	18.7	28.1

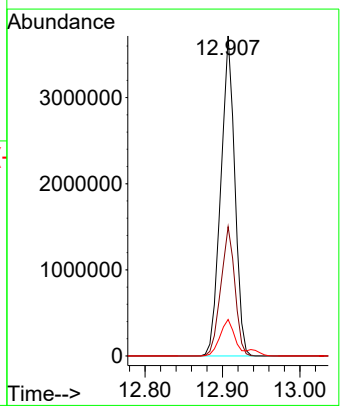


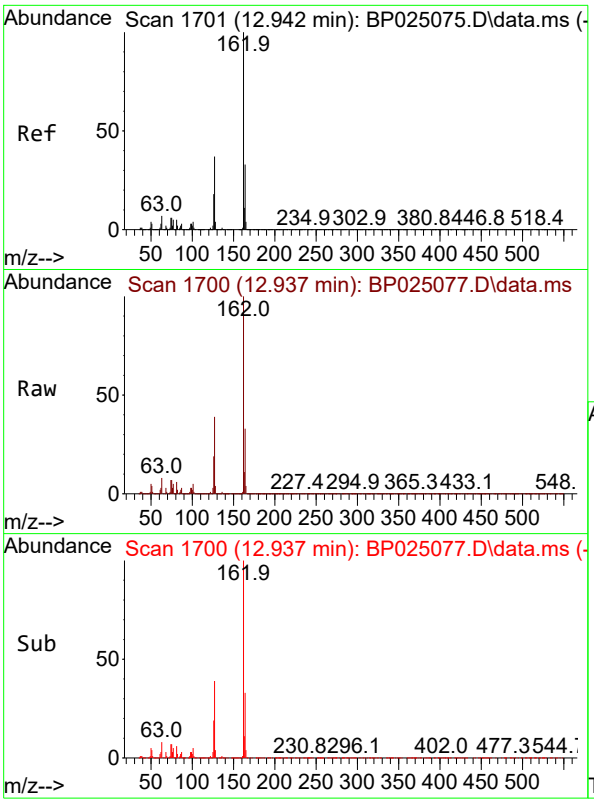


#46
1,1'-Biphenyl
Concen: 61.447 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:154 Resp: 4675752

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	11.4	0.0	31.5



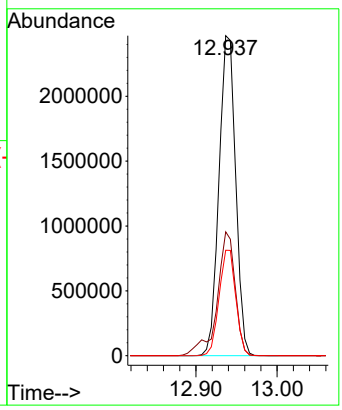


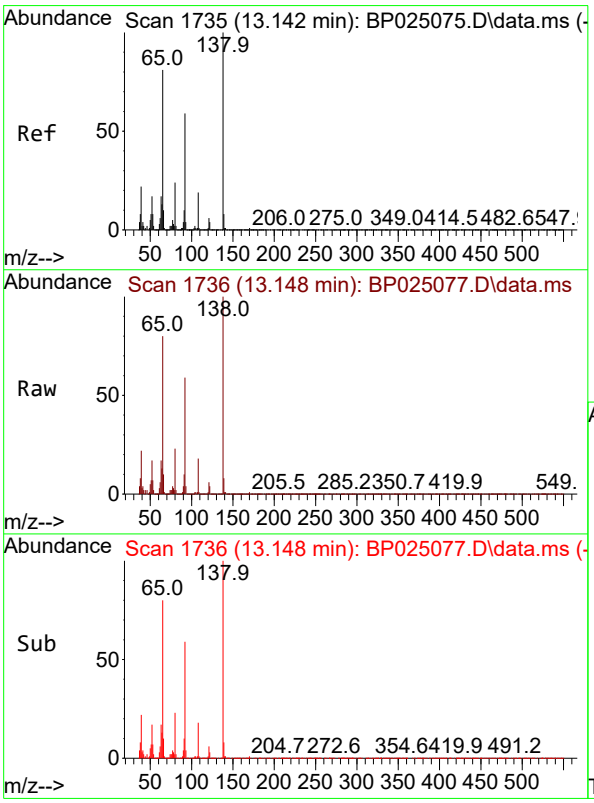
#47
2-Chloronaphthalene
Concen: 61.497 ng
RT: 12.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 3517185

Ion	Ratio	Lower	Upper
162	100		
127	38.7	29.4	44.2
164	32.9	26.4	39.6

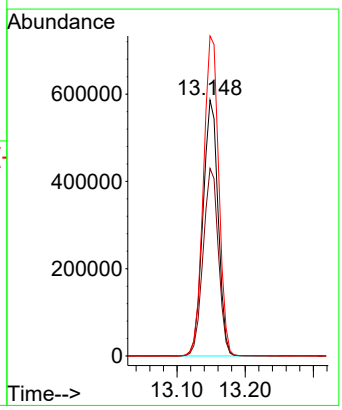


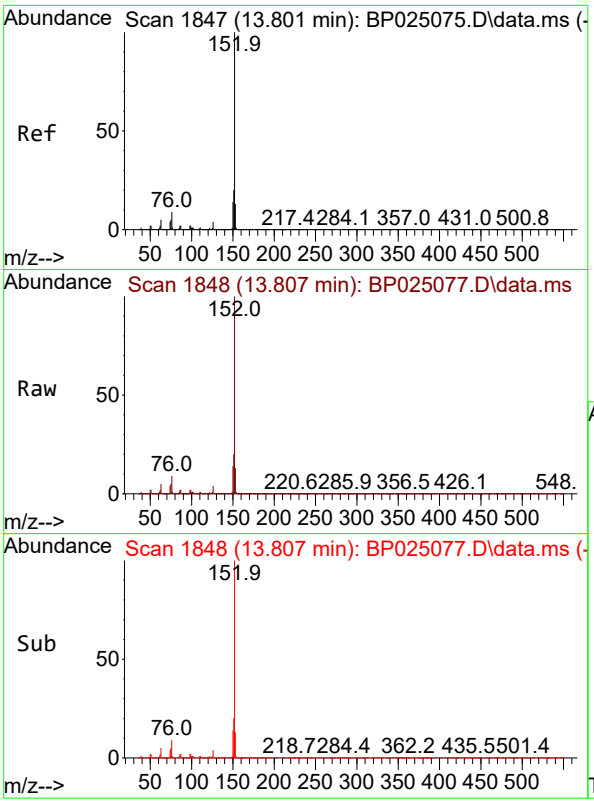


#48
2-Nitroaniline
Concen: 63.792 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 65 Resp: 907242

Ion	Ratio	Lower	Upper
65	100		
92	73.3	58.7	88.1
138	125.1	99.0	148.4



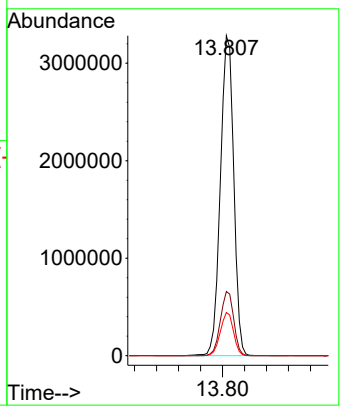


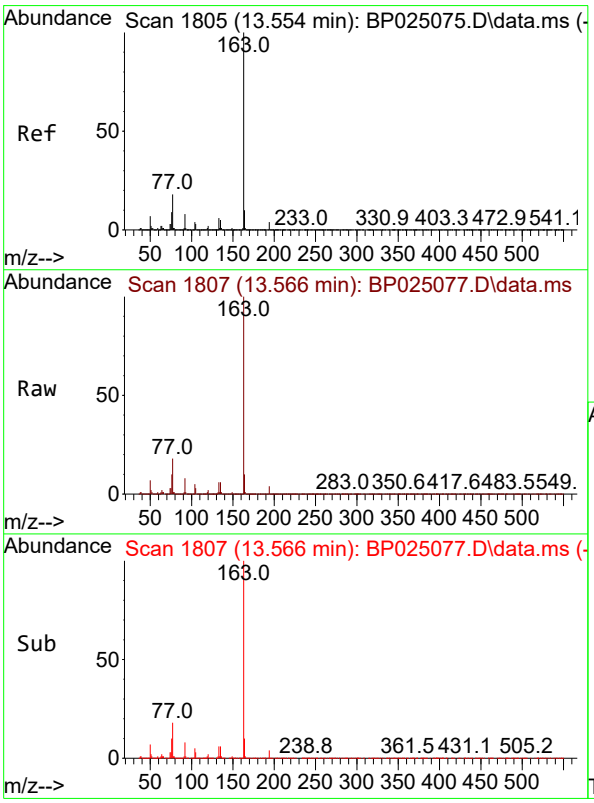
#49
Acenaphthylene
Concen: 63.134 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 5526428

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.5	10.7	16.1

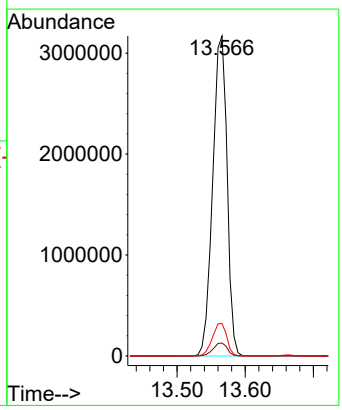


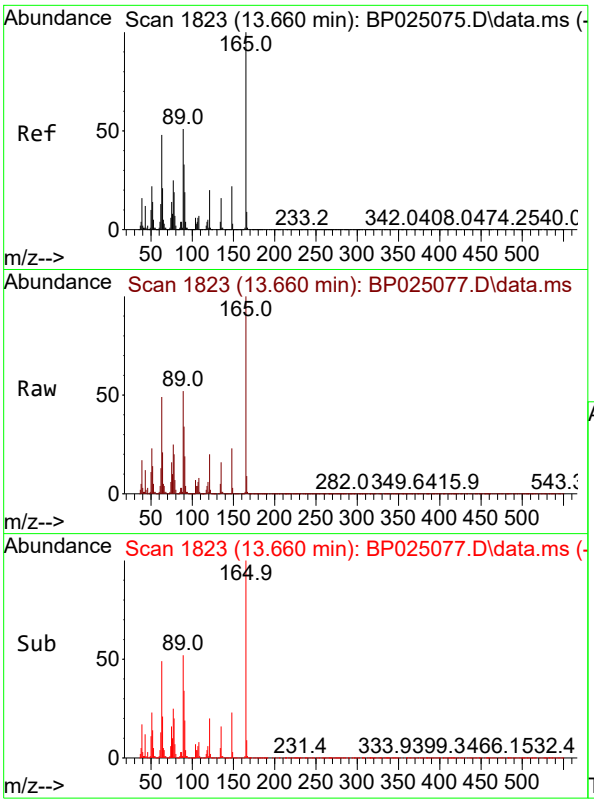


#50
Dimethylphthalate
Concen: 63.498 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:163 Resp: 4648592

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.0	12.0



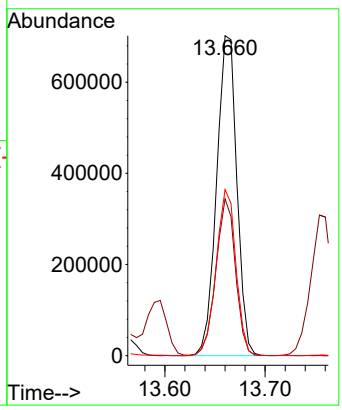


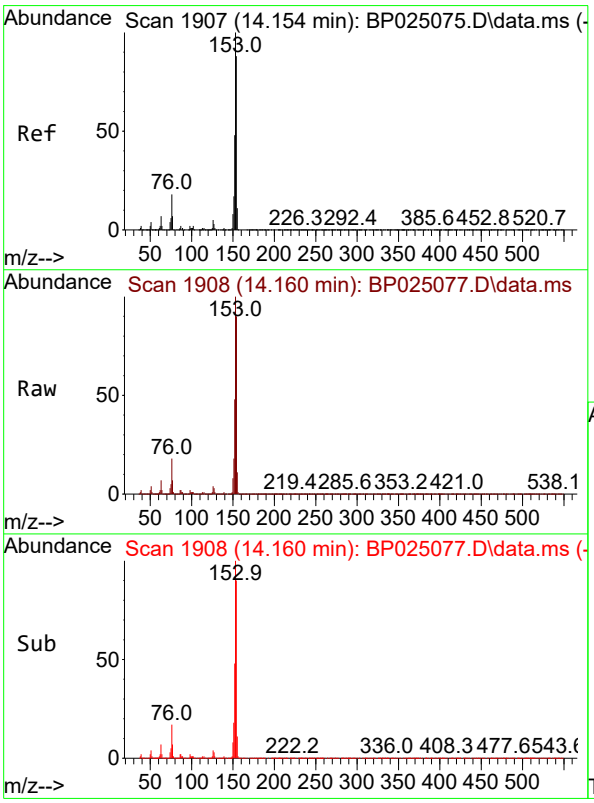
#51
2,6-Dinitrotoluene
Concen: 68.780 ng
RT: 13.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 982034

Ion	Ratio	Lower	Upper
165	100		
63	49.0	38.5	57.7
89	51.9	40.6	61.0

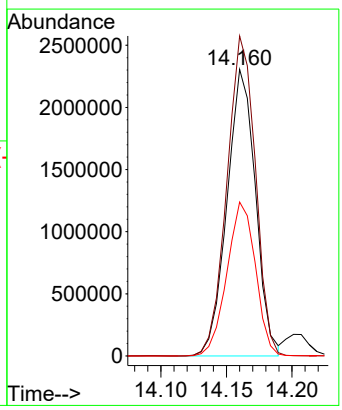


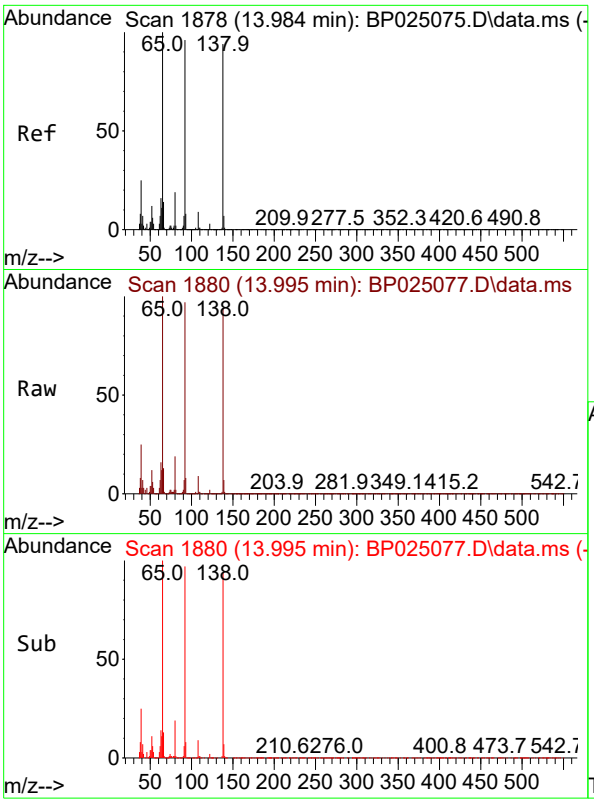


#52
Acenaphthene
Concen: 61.801 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:154 Resp: 3486609

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.6	136.0
152	53.7	43.8	65.8



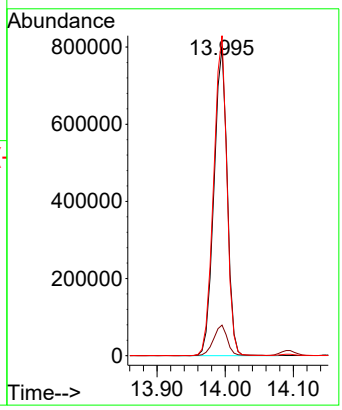


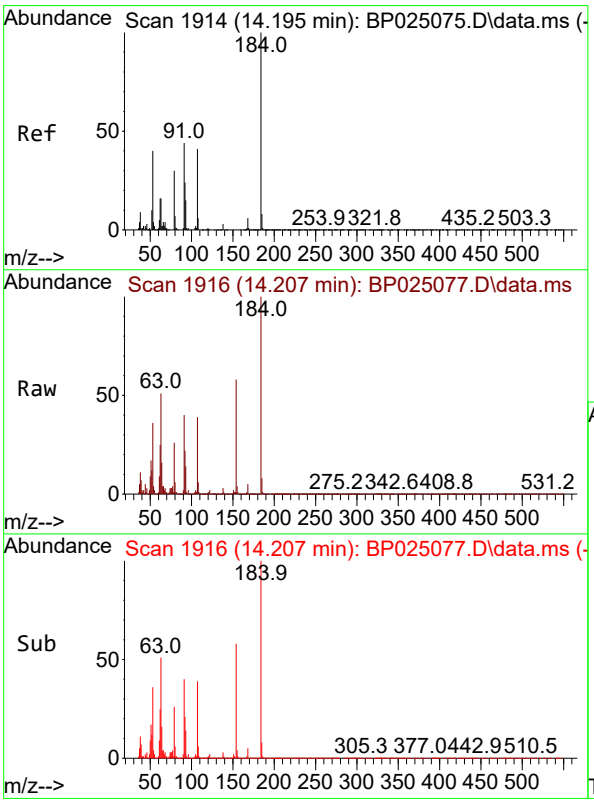
#53
3-Nitroaniline
Concen: 70.651 ng
RT: 13.995 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 1081057

Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.8
92	103.9	81.0	121.4

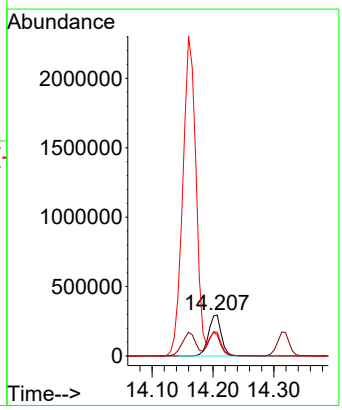


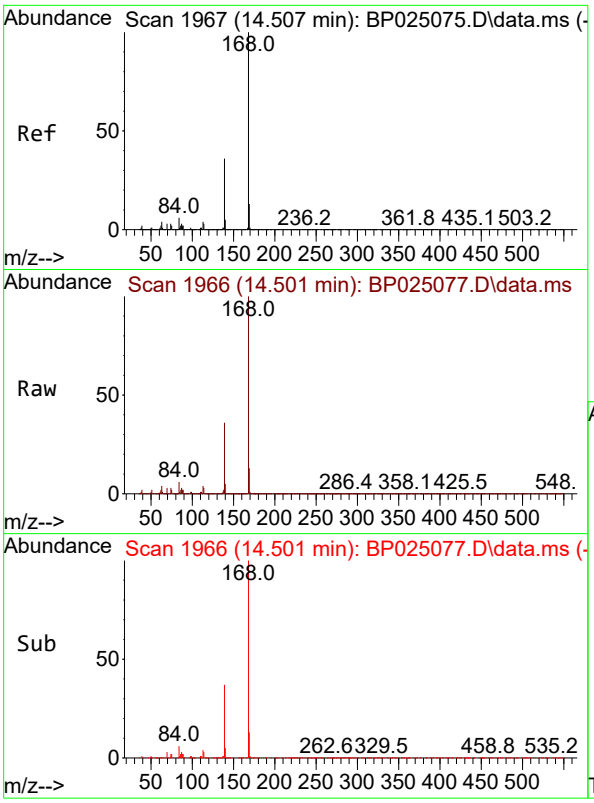


#54
2,4-Dinitrophenol
Concen: 62.873 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:184 Resp: 430100

Ion	Ratio	Lower	Upper
184	100		
63	51.5	47.4	71.0
154	58.2	47.8	71.8



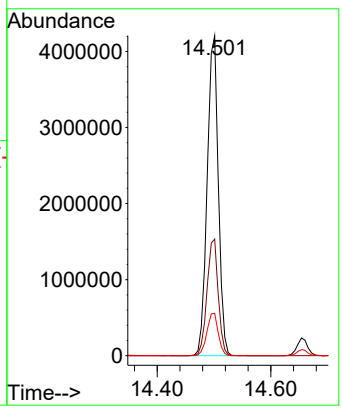


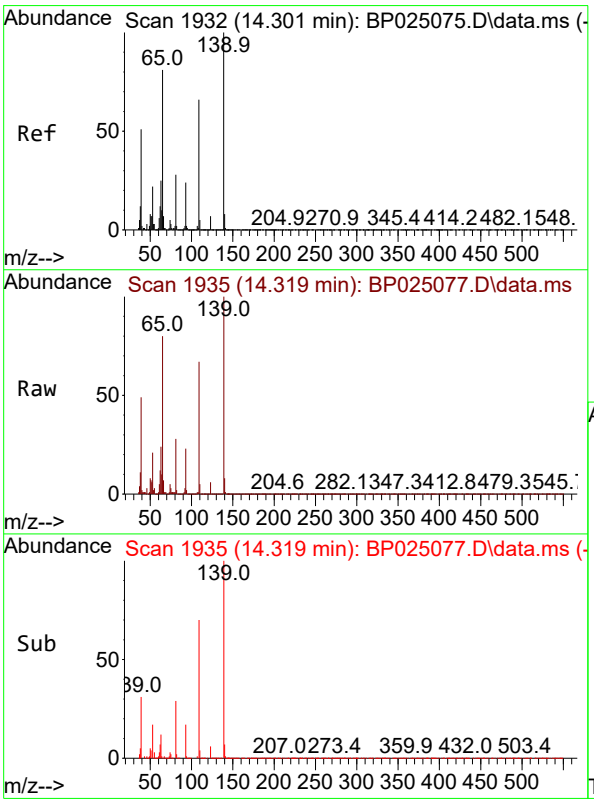
#55
Dibenzofuran
Concen: 61.105 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 5689473

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.3	10.7	16.1

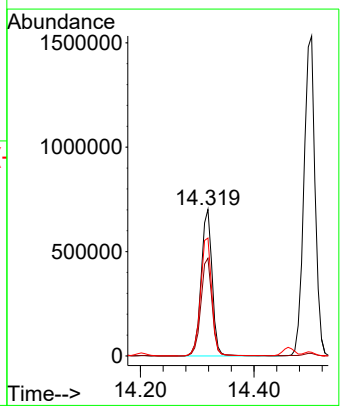


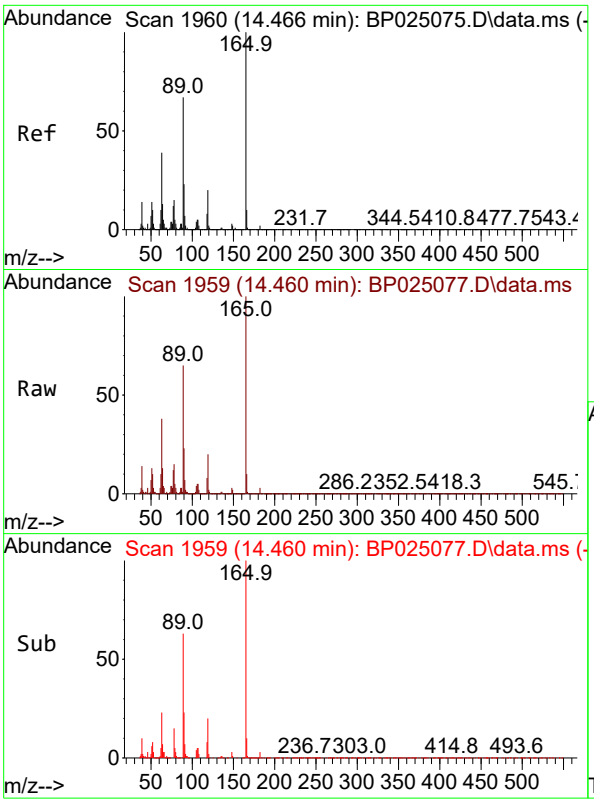


#56
4-Nitrophenol
Concen: 66.867 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:139 Resp: 944200

Ion	Ratio	Lower	Upper
139	100		
109	66.7	45.9	85.9
65	80.4	61.4	101.4



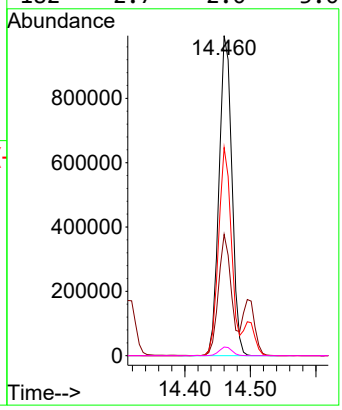


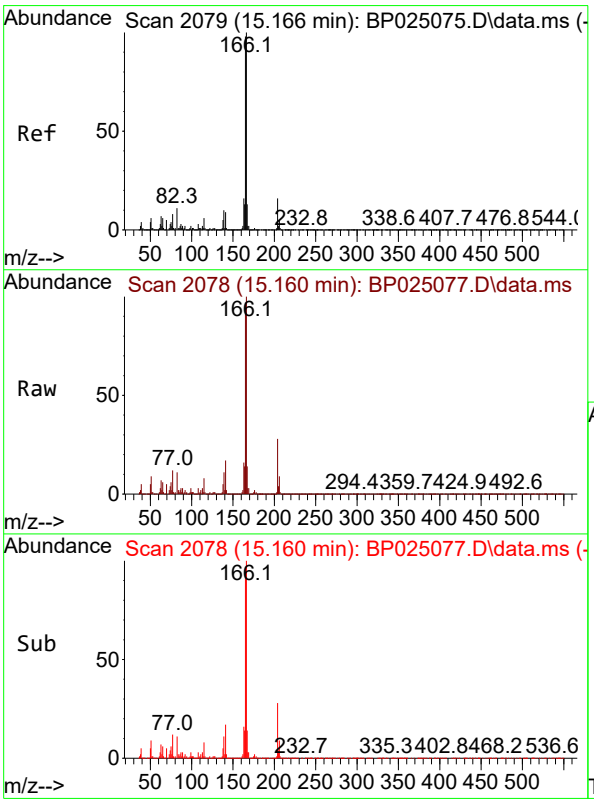
#57
2,4-Dinitrotoluene
Concen: 63.463 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1348673

Ion	Ratio	Lower	Upper
165	100		
63	37.9	31.0	46.4
89	65.1	53.4	80.0
182	2.7	2.0	3.0

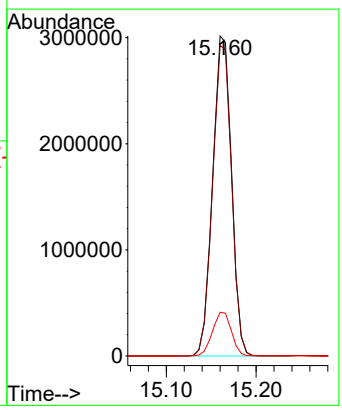


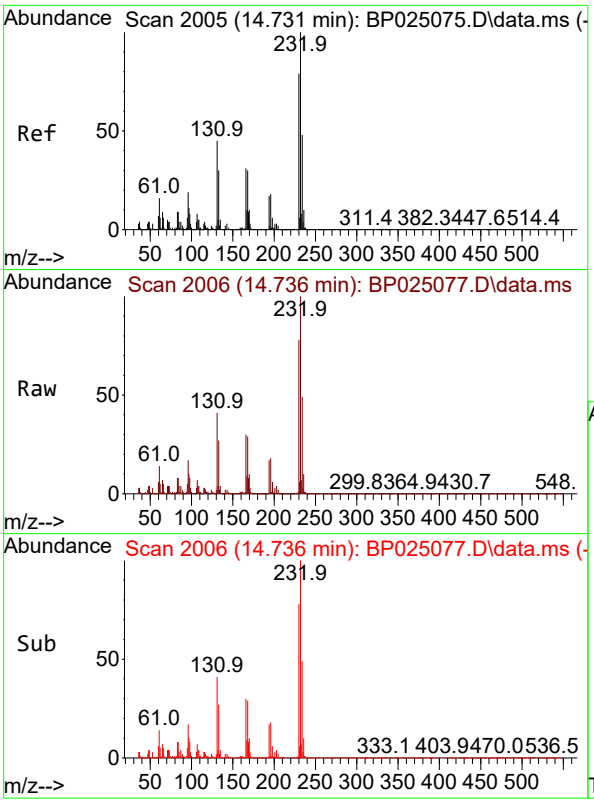


#58
Fluorene
Concen: 61.134 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:166 Resp: 4402726

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	13.6	10.7	16.1



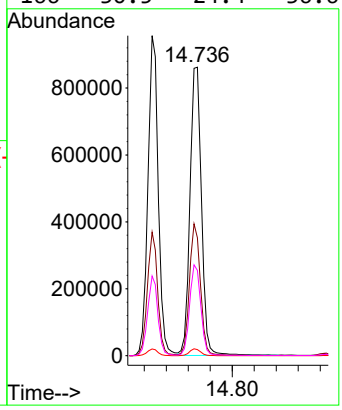


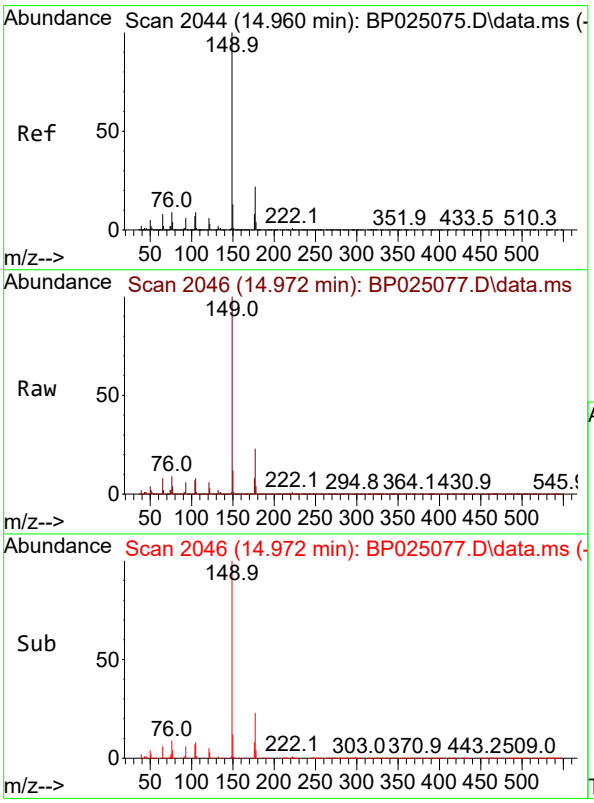
#59
2,3,4,6-Tetrachlorophenol
Concen: 66.732 ng
RT: 14.736 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 1246432

Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.7	53.5
130	2.3	1.8	2.6
166	30.5	24.4	36.6

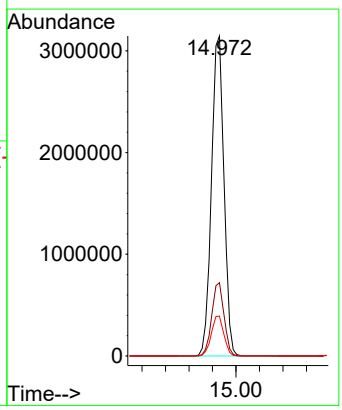


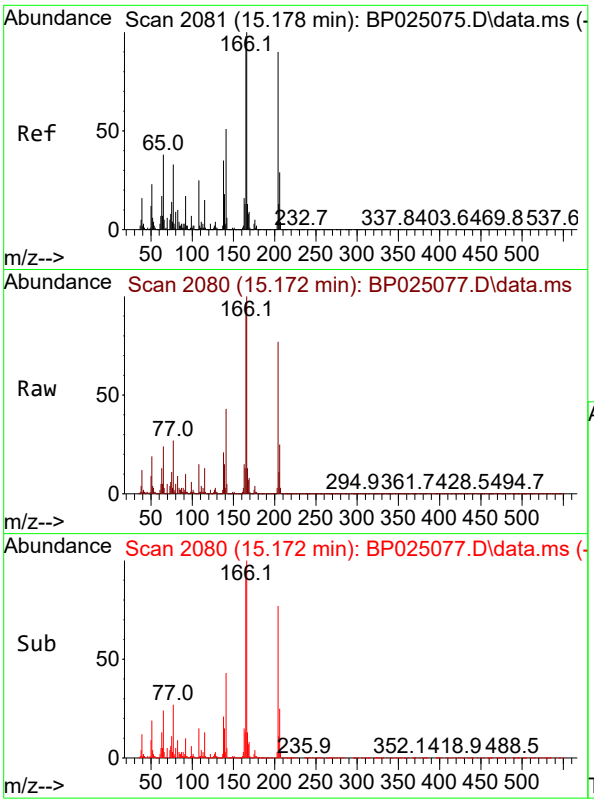


#60
Diethylphthalate
Concen: 63.033 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 4634770

Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.8	26.8
150	12.4	10.2	15.2



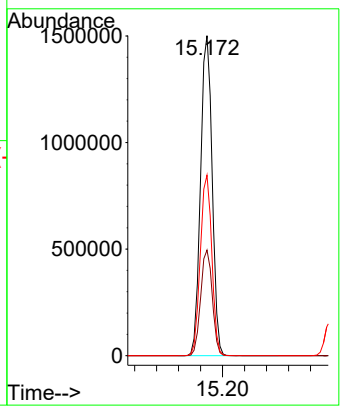


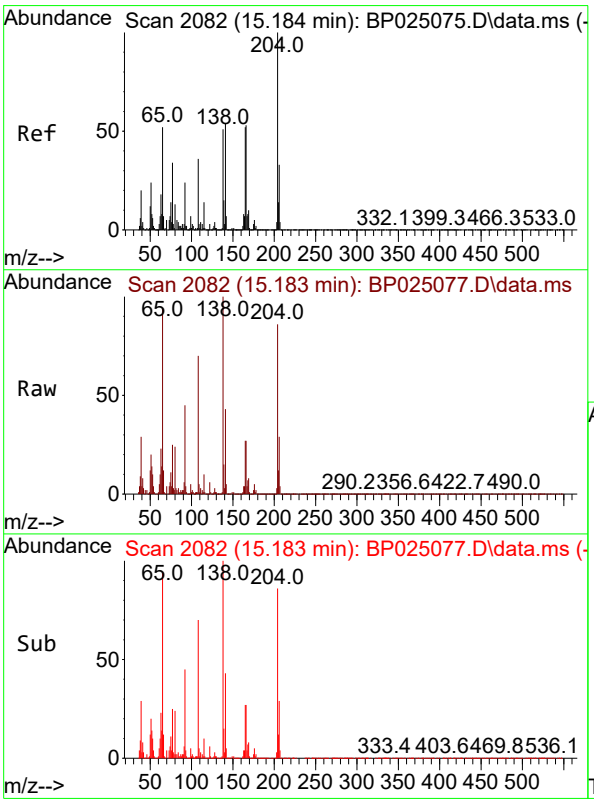
#61
4-Chlorophenyl-phenylether
Concen: 61.583 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 2194839

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.6
141	56.4	45.1	67.7

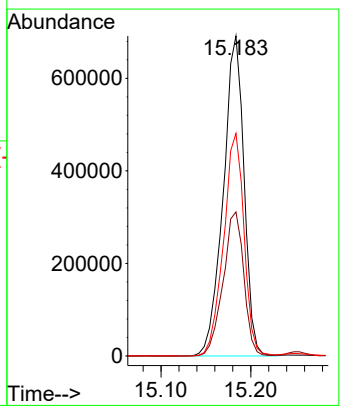


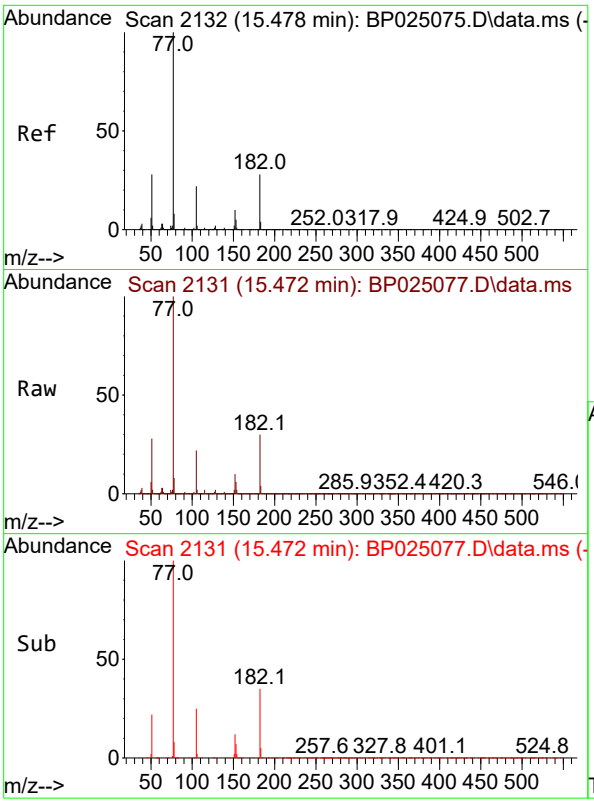


#62
4-Nitroaniline
Concen: 69.287 ng
RT: 15.183 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:138 Resp: 1111684

Ion	Ratio	Lower	Upper
138	100		
92	45.0	26.0	66.0
108	69.6	50.0	90.0



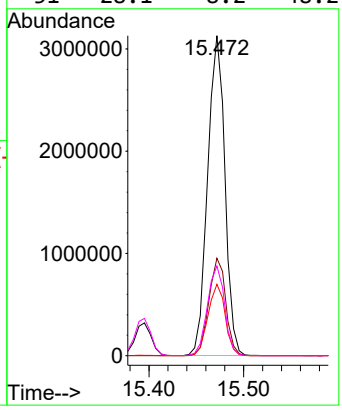


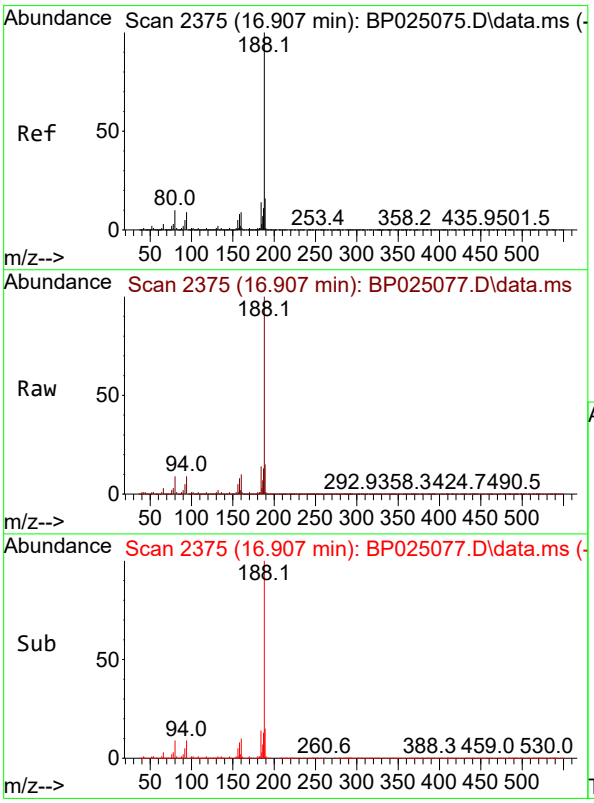
#63
Azobenzene
Concen: 60.626 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 3969523

Ion	Ratio	Lower	Upper
77	100		
182	30.5	7.7	47.7
105	22.3	1.9	41.9
51	28.1	8.2	48.2

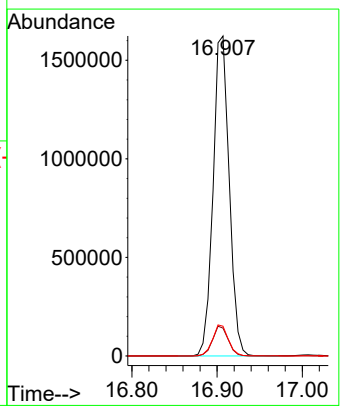


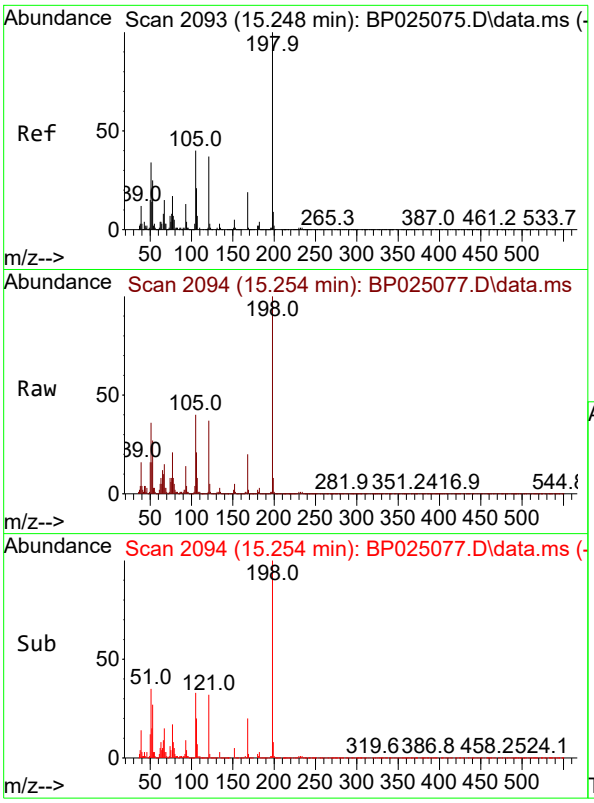


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:188 Resp: 2142509

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.3	7.8	11.6



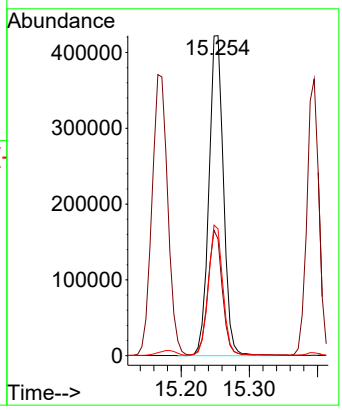


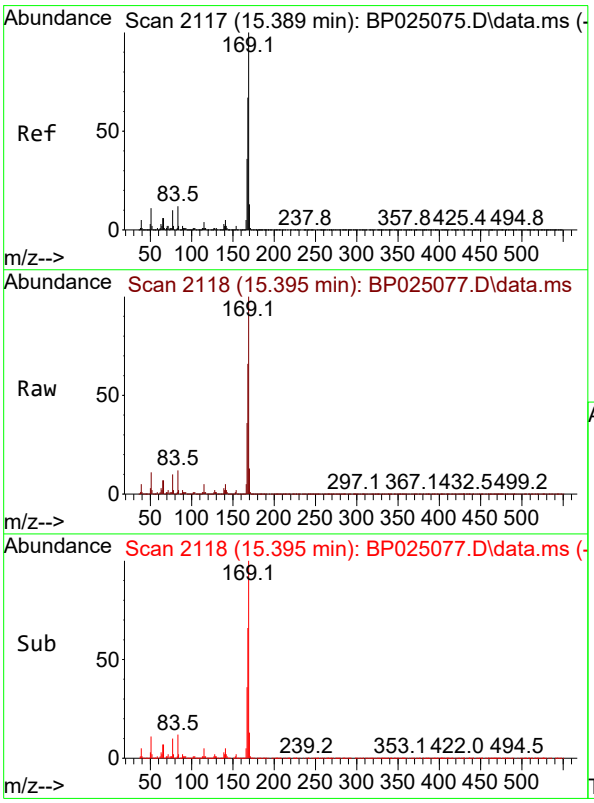
#65
4,6-Dinitro-2-methylphenol
Concen: 62.277 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 625497

Ion	Ratio	Lower	Upper
198	100		
51	36.5	16.8	56.8
105	39.6	20.8	60.8

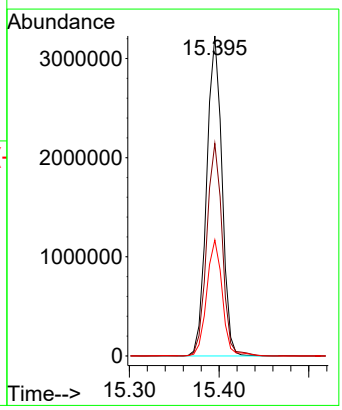


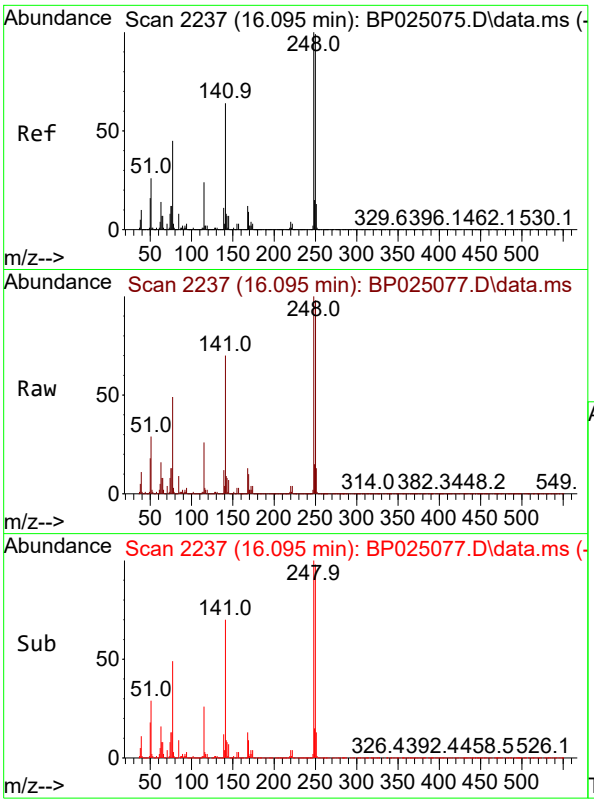


#66
n-Nitrosodiphenylamine
Concen: 62.033 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:169 Resp: 3803576

Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.1	81.1
167	36.3	29.0	43.6



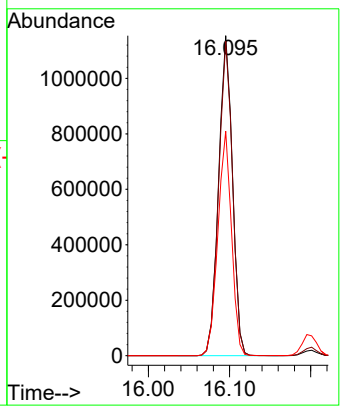


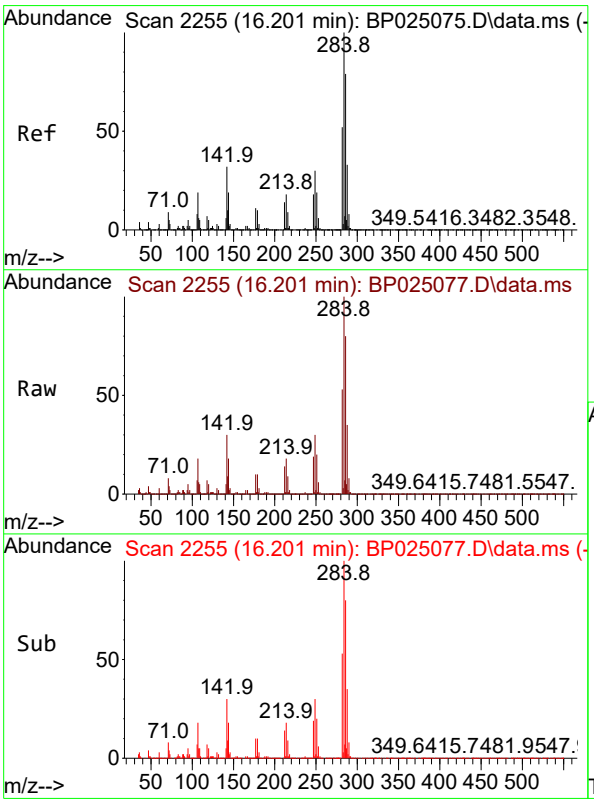
#67
4-Bromophenyl-phenylether
Concen: 62.680 ng
RT: 16.095 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 1375012

Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.4	119.2
141	70.2	51.4	77.0

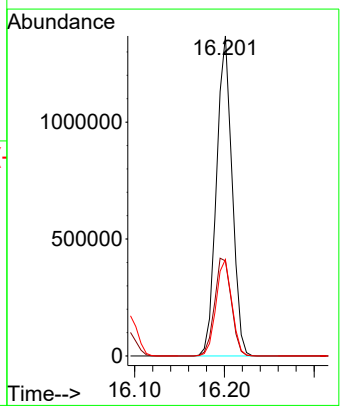


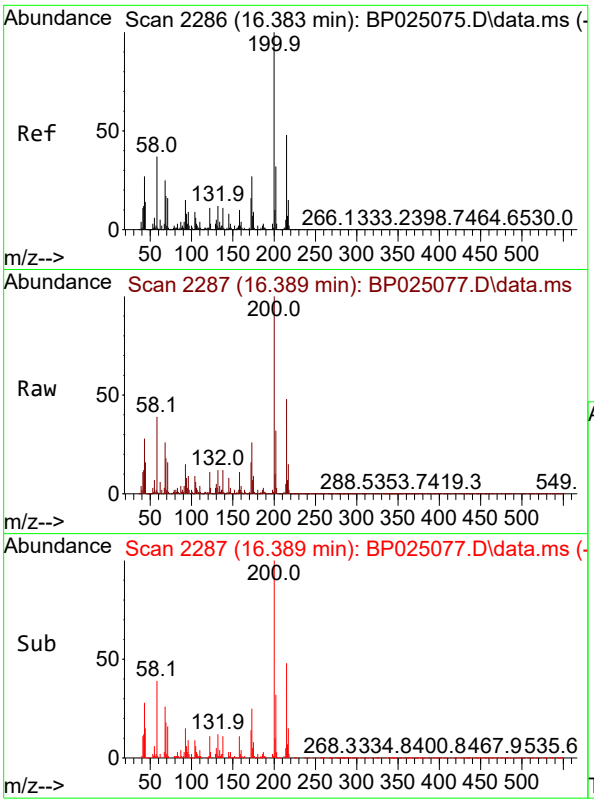


#68
Hexachlorobenzene
Concen: 61.529 ng
RT: 16.201 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:284 Resp: 1649772

Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.9	38.9
249	30.2	23.8	35.8



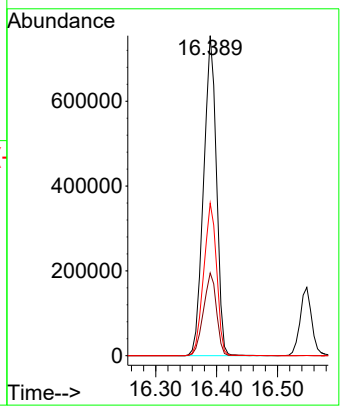


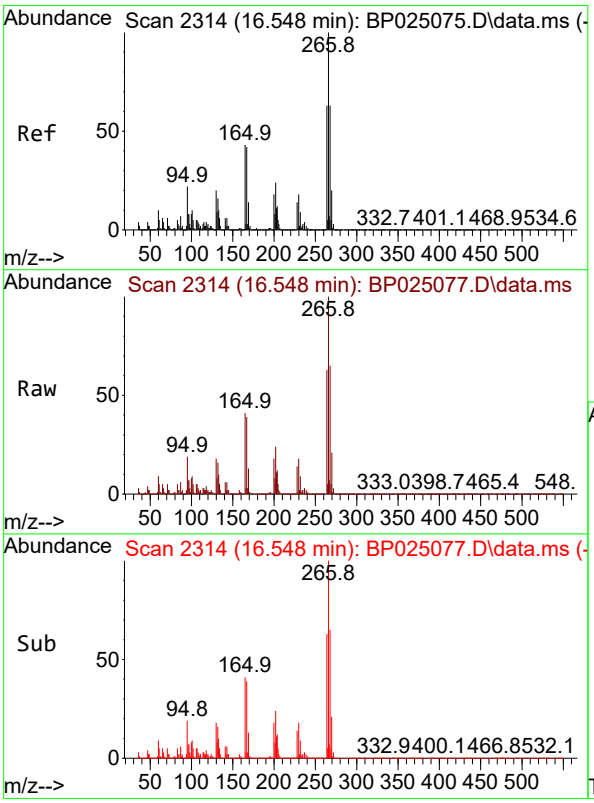
#69
Atrazine
Concen: 61.661 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 1107895

Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	47.6	28.0	68.0

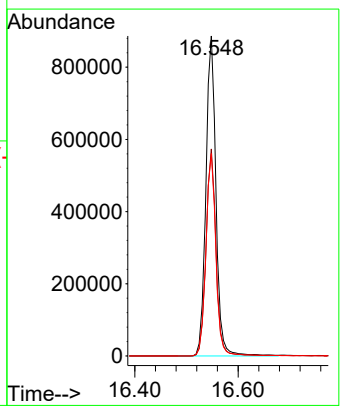


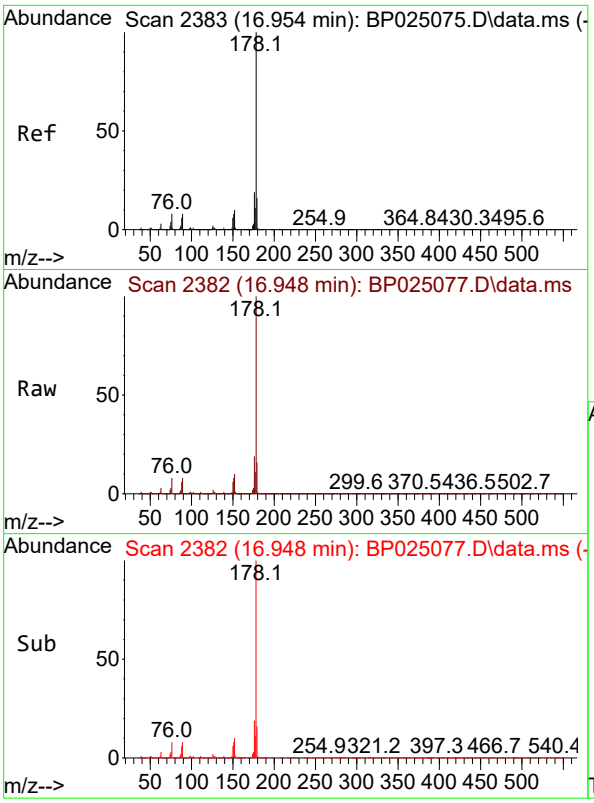


#70
Pentachlorophenol
Concen: 66.135 ng
RT: 16.548 min Scan# 2314
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:266 Resp: 1197597

Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.4	75.6
264	63.2	50.2	75.2



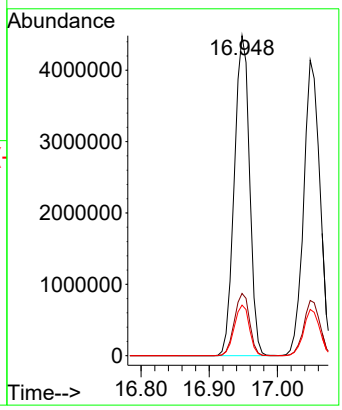


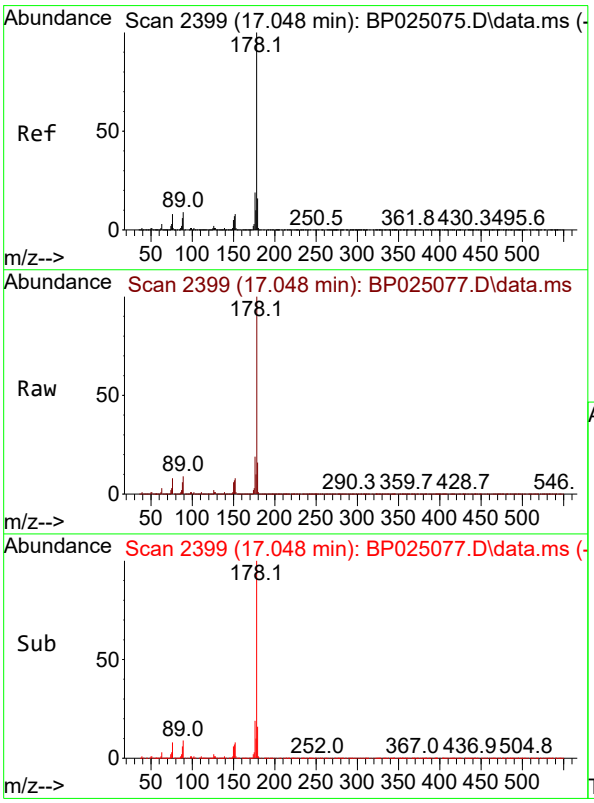
#71
Phenanthrene
Concen: 60.733 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 6952893

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.6	19.0

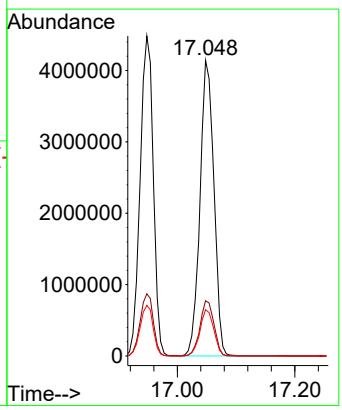


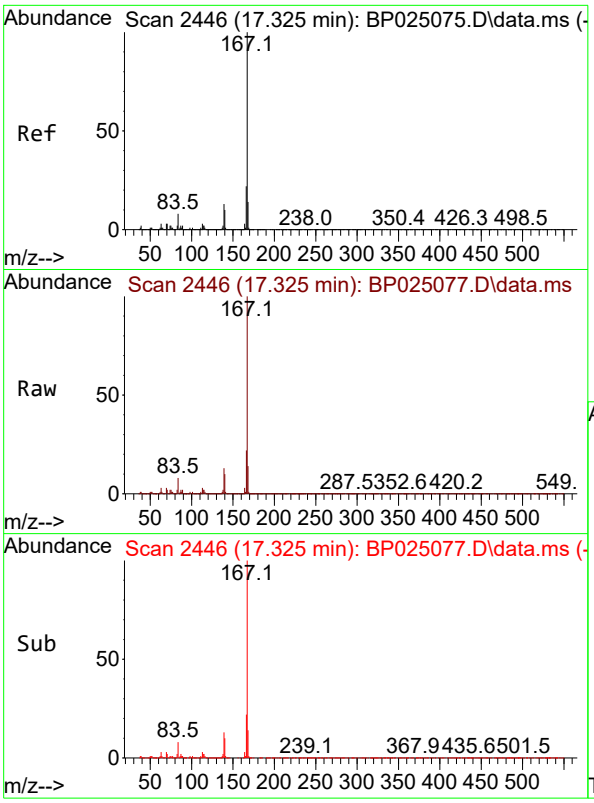


#72
Anthracene
Concen: 62.154 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:178 Resp: 6826544

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.6	12.5	18.7



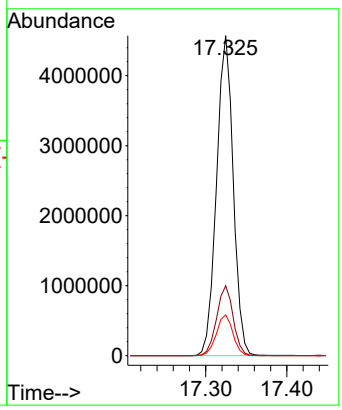


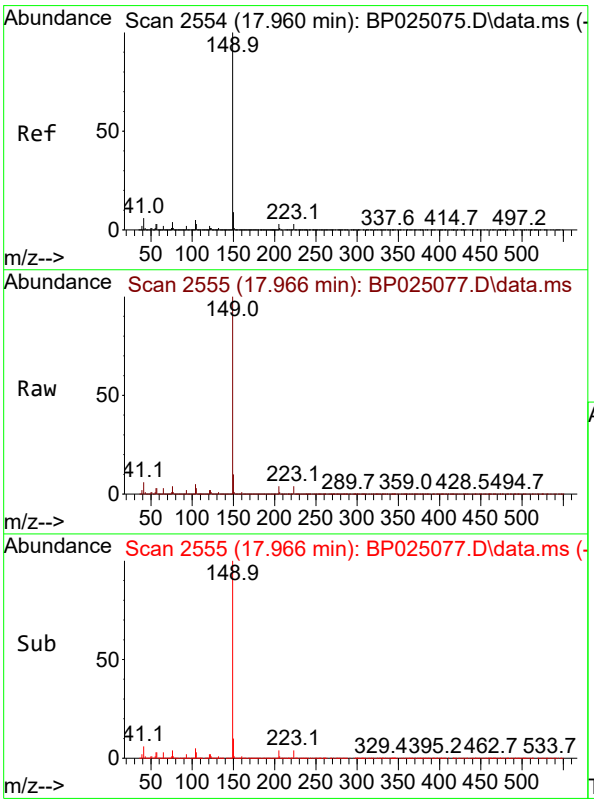
#73
Carbazole
Concen: 60.850 ng
RT: 17.325 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 6534571

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	12.8	10.4	15.6

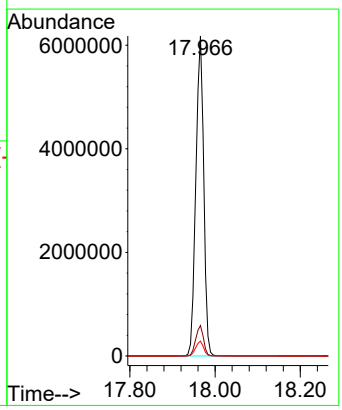


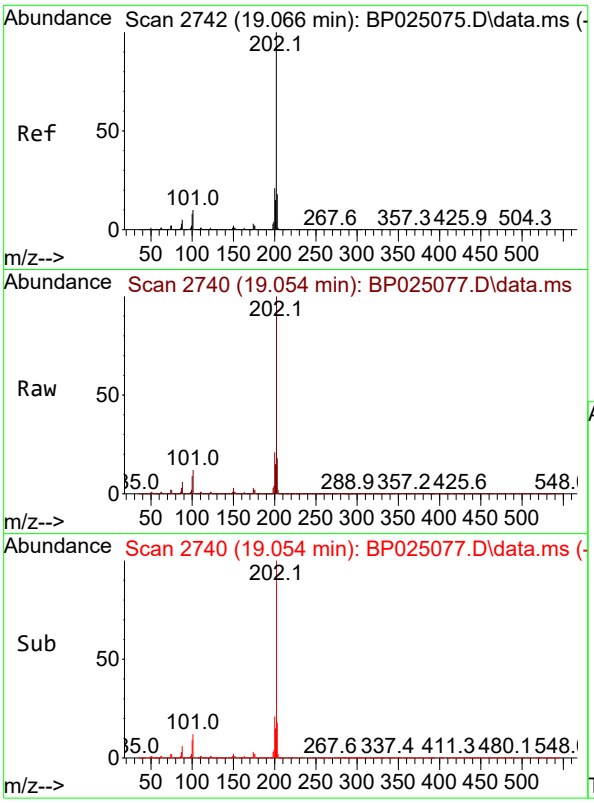


#74
Di-n-butylphthalate
Concen: 65.983 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 7890575

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.7	3.8	5.6



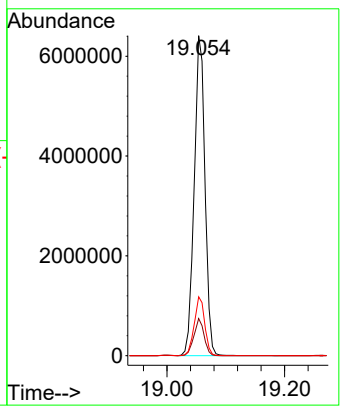


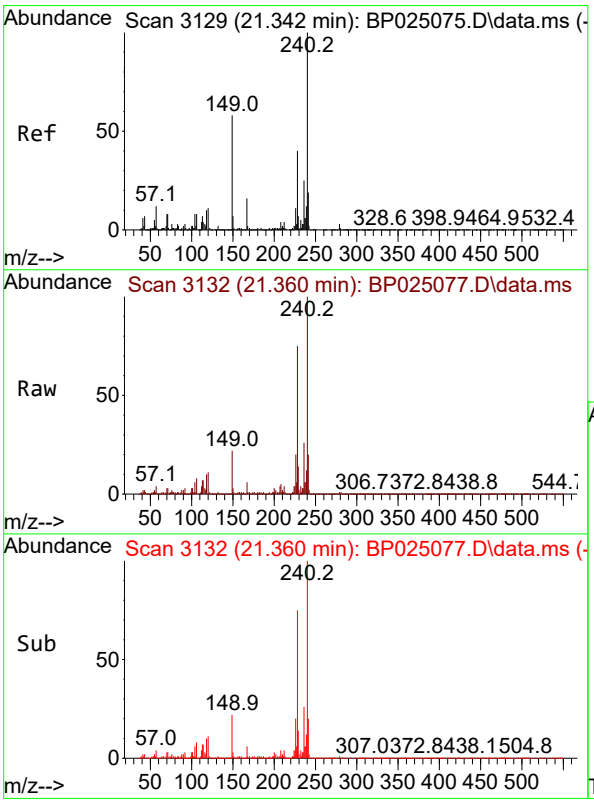
#75
Fluoranthene
Concen: 60.911 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 8151085

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.4
203	18.4	0.0	37.6

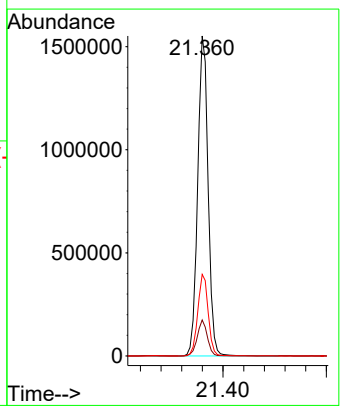


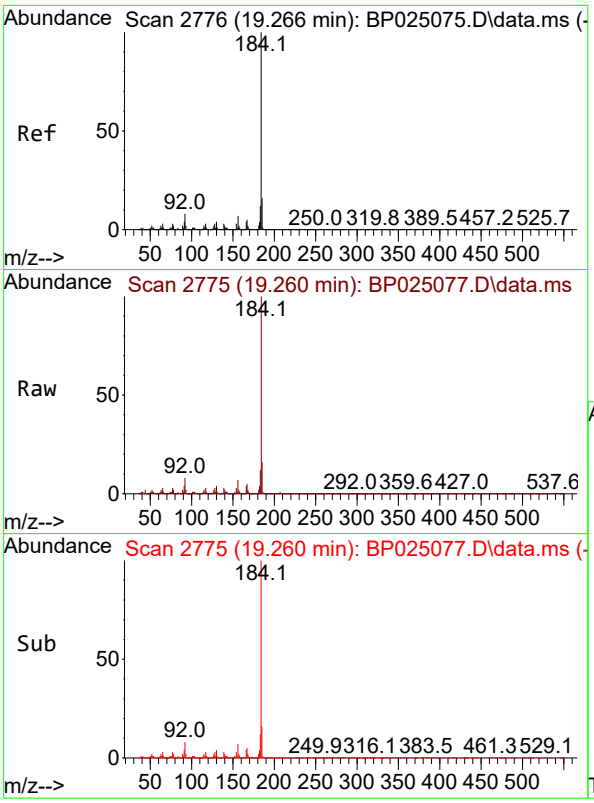


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.360 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:240 Resp: 2162992

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.5	20.3	30.5



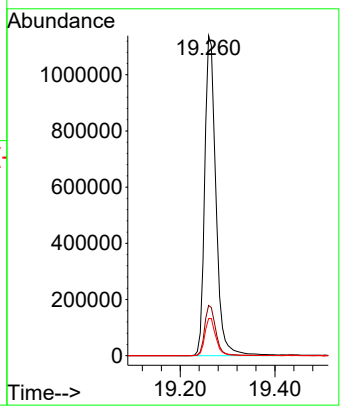


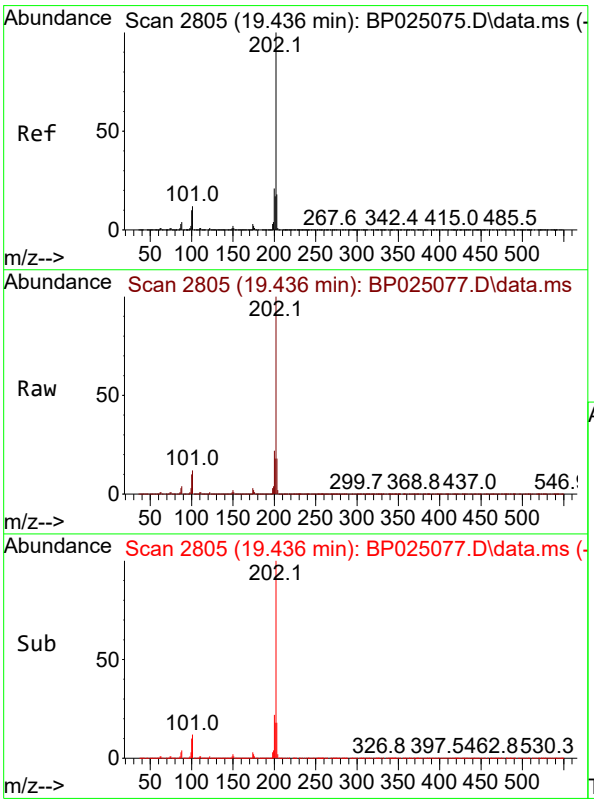
#77
Benzidine
Concen: 48.887 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 1867570

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	11.6	9.4	14.2

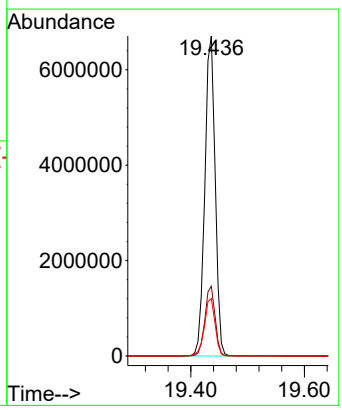


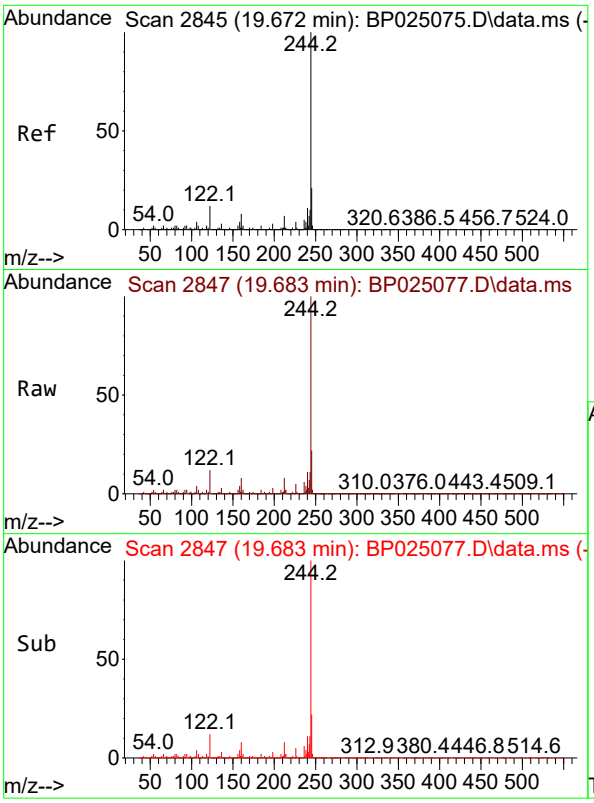


#78
Pyrene
Concen: 63.052 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:202 Resp: 8447118

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.1	25.7
203	17.9	14.1	21.1



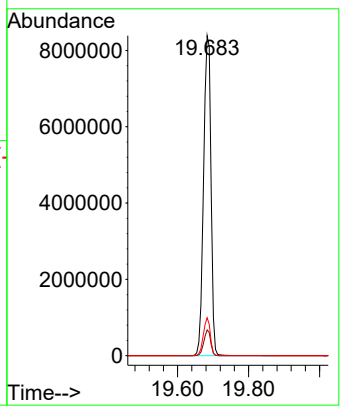


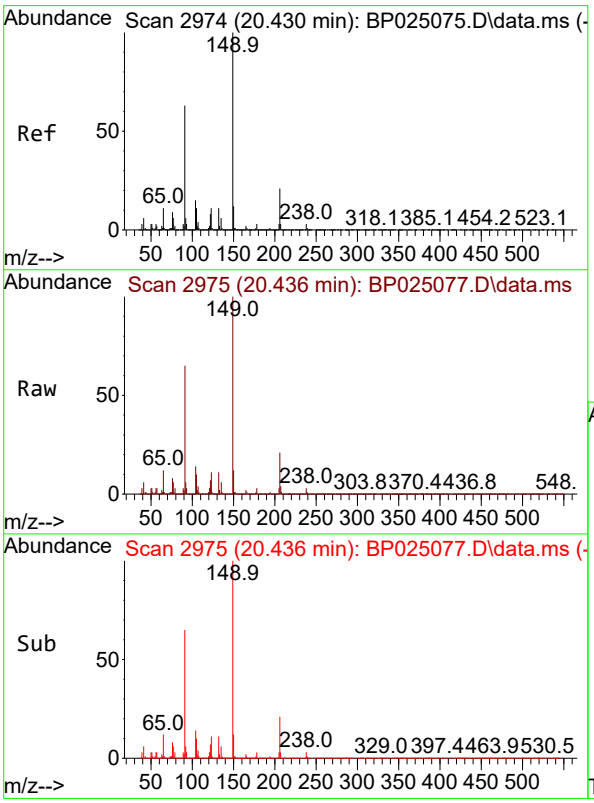
#79
Terphenyl-d14
Concen: 123.446 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp:12149101

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	11.8	9.4	14.2

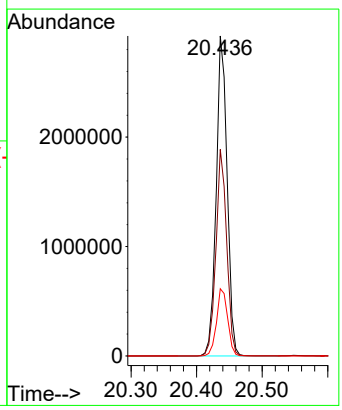


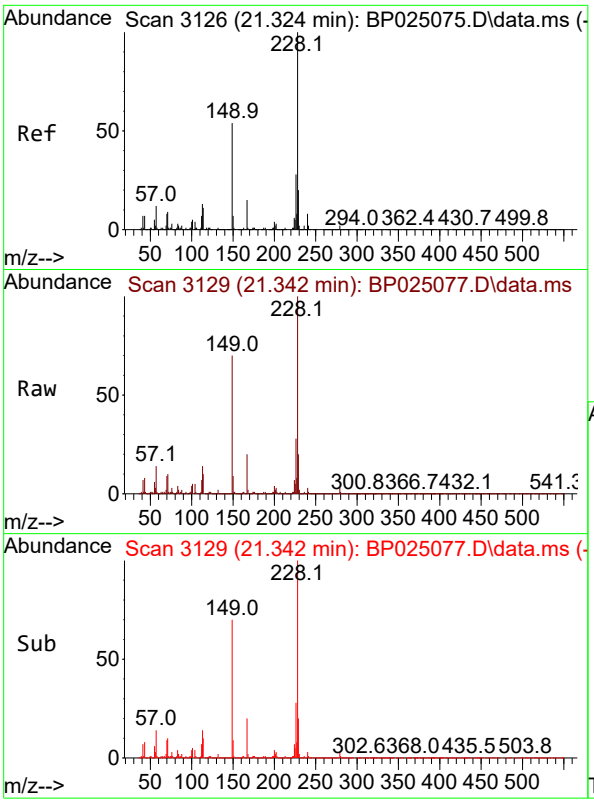


#80
Butylbenzylphthalate
Concen: 63.936 ng
RT: 20.436 min Scan# 2975
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 3368485

Ion	Ratio	Lower	Upper
149	100		
91	64.5	50.6	76.0
206	21.0	17.2	25.8



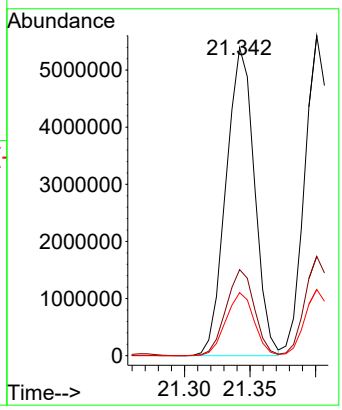


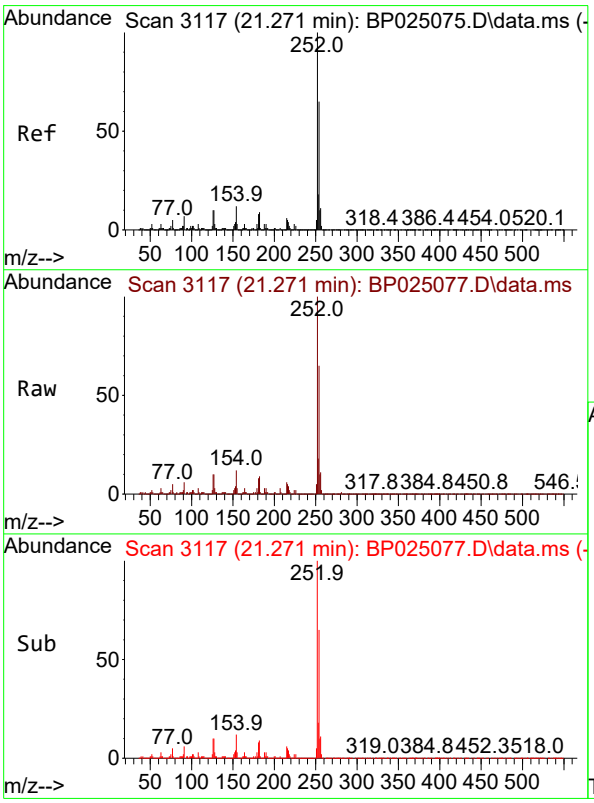
#81
Benzo(a)anthracene
Concen: 62.254 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 8160252

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	20.5	16.0	24.0

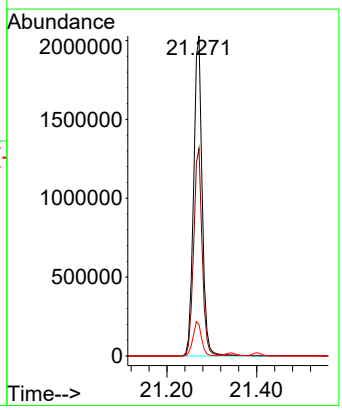


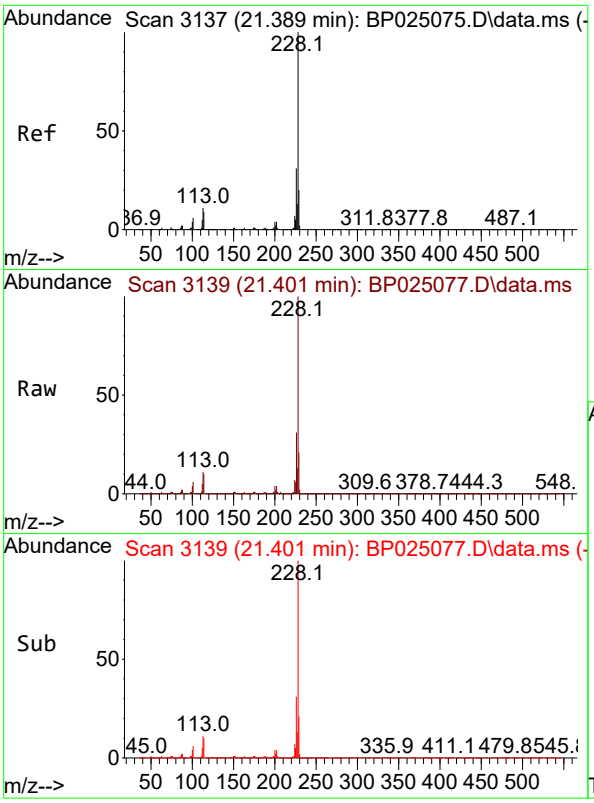


#82
3,3'-Dichlorobenzidine
Concen: 68.044 ng
RT: 21.271 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 2685016

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	9.9	8.1	12.1



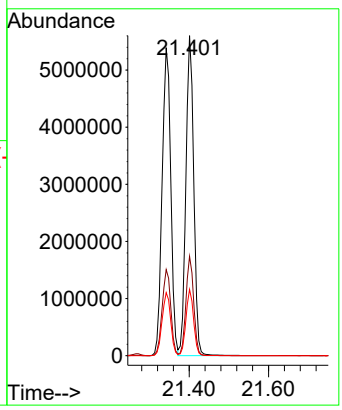


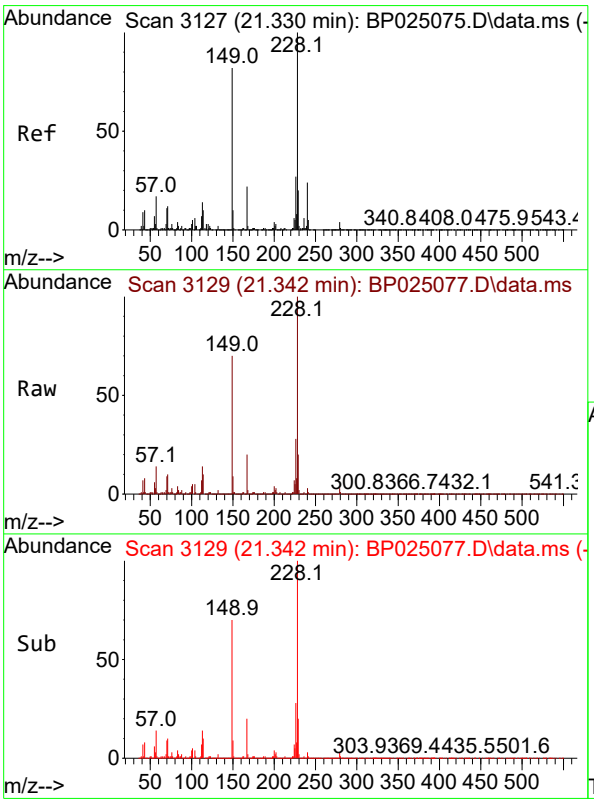
#83
Chrysene
Concen: 61.276 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 7729618

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.7	16.0	24.0

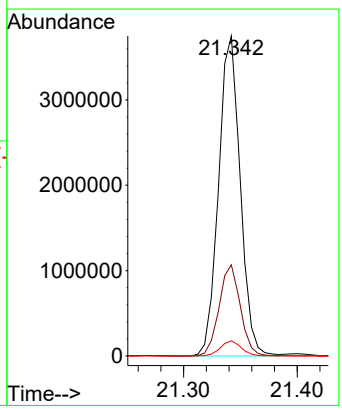


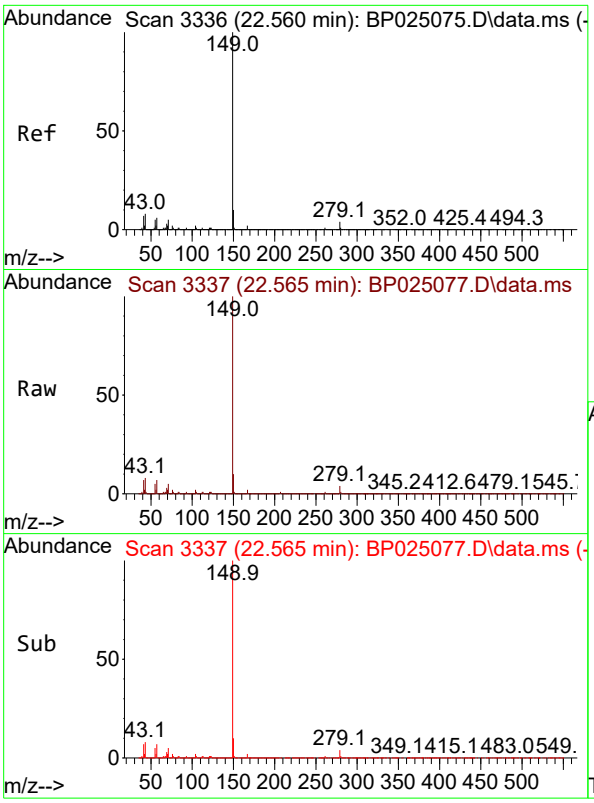


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.551 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 4960480

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.9	32.9
279	4.8	3.5	5.3



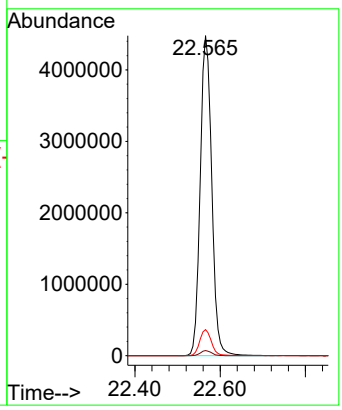


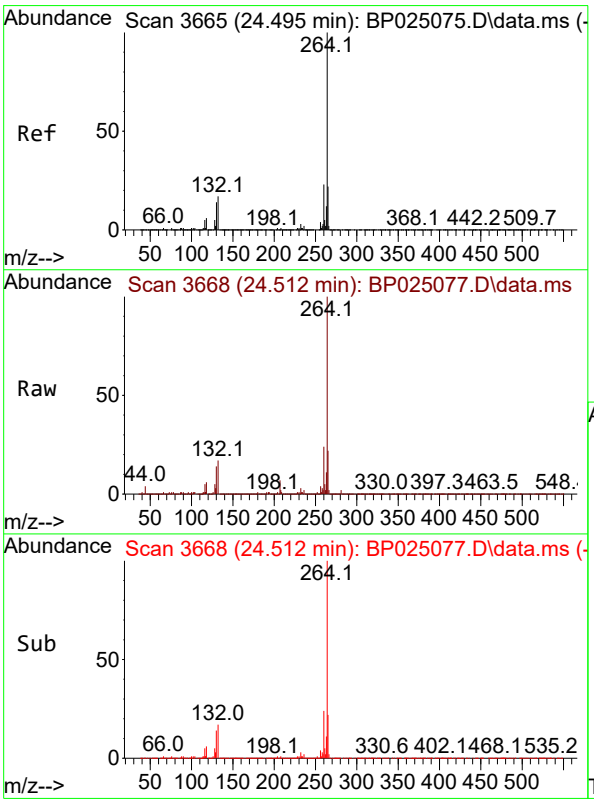
#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.565 min Scan# 3
Delta R.T. 0.005 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 8384283

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.9	10.3

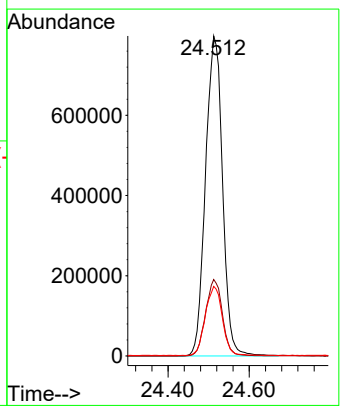


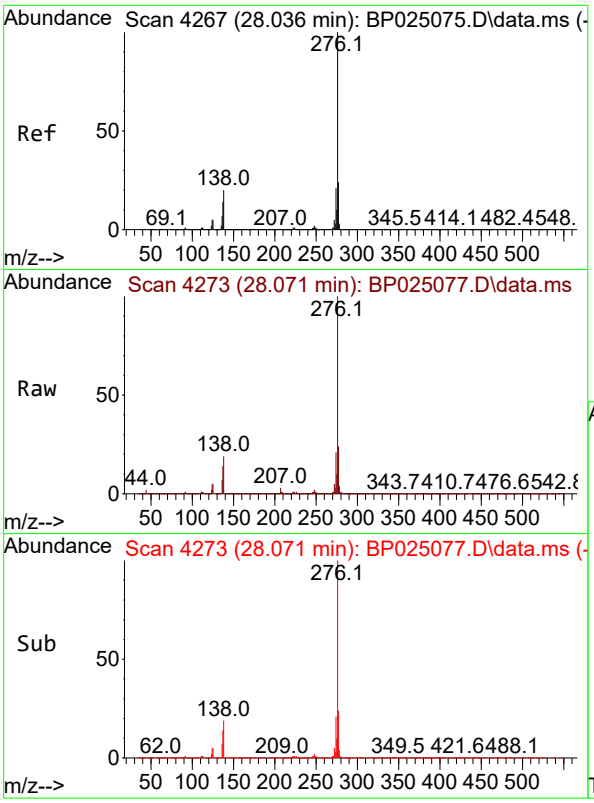


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.512 min Scan# 3668
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:264 Resp: 2316428

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.8	17.7	26.5



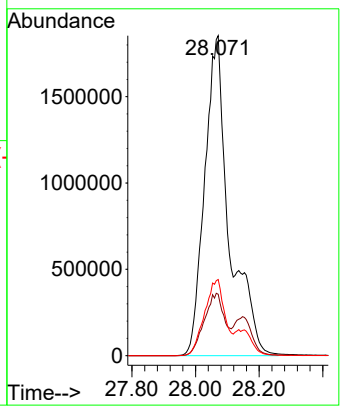


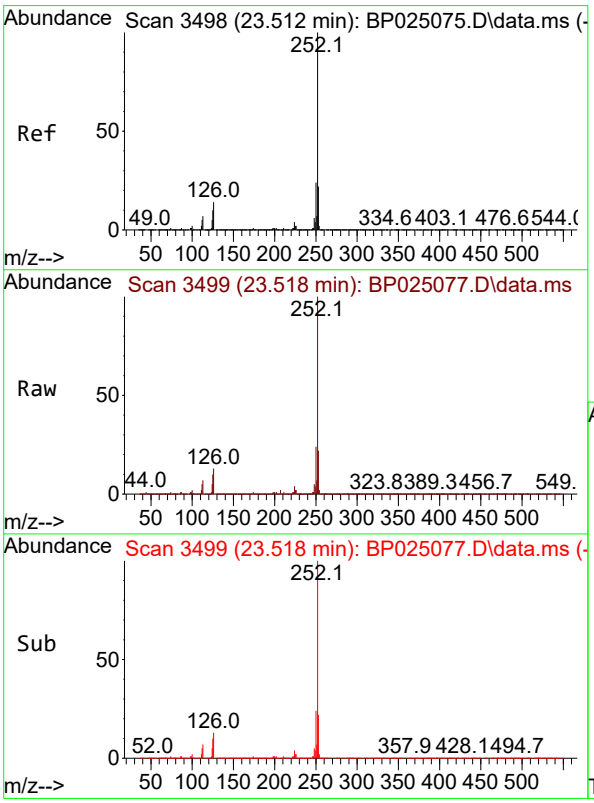
#87
Indeno(1,2,3-cd)pyrene
Concen: 67.489 ng m
RT: 28.071 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 9961748

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.0	19.6
277	19.8	15.9	23.9

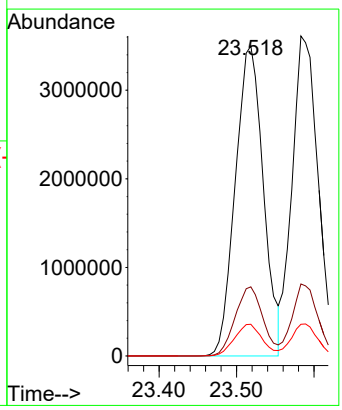


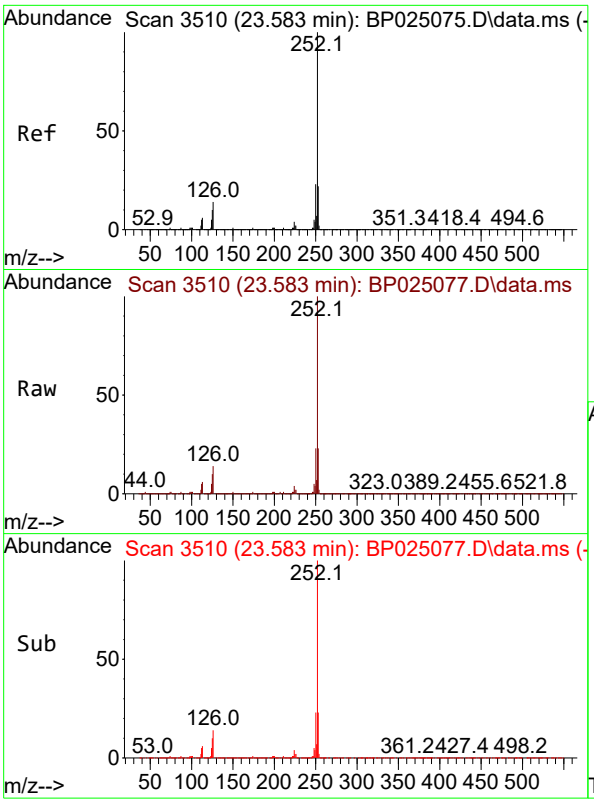


#88
Benzo(b)fluoranthene
Concen: 65.272 ng
RT: 23.518 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 8800482

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.2	8.1	12.1



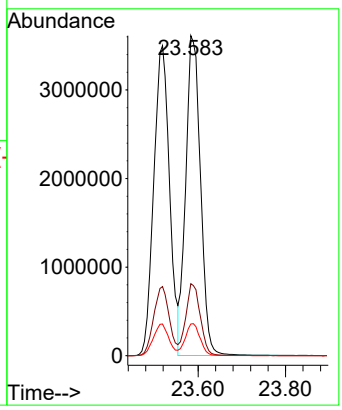


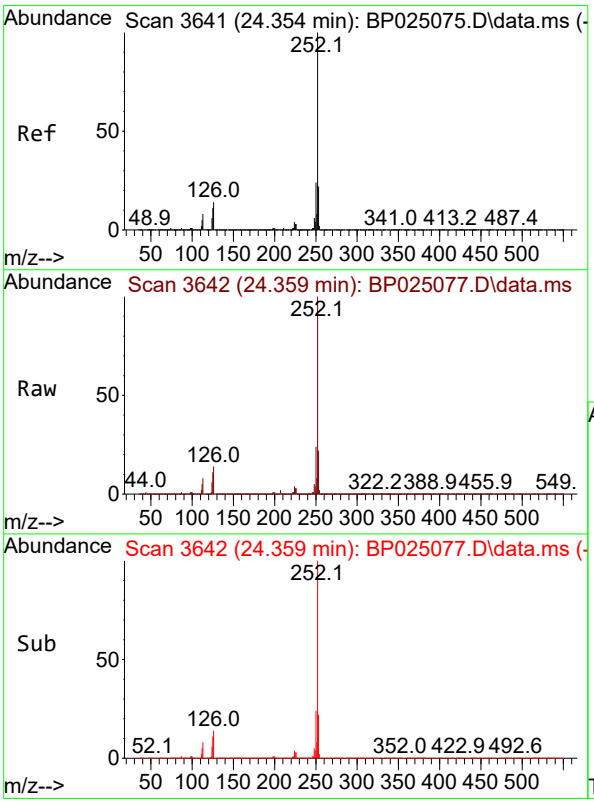
#89
Benzo(k)fluoranthene
Concen: 63.076 ng
RT: 23.583 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 8461854

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	9.9	8.2	12.2

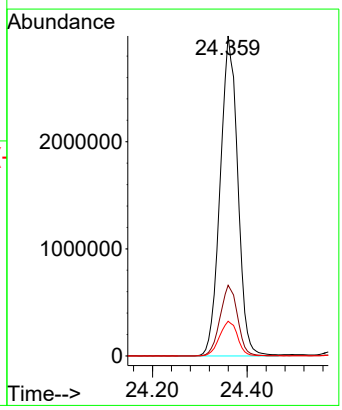


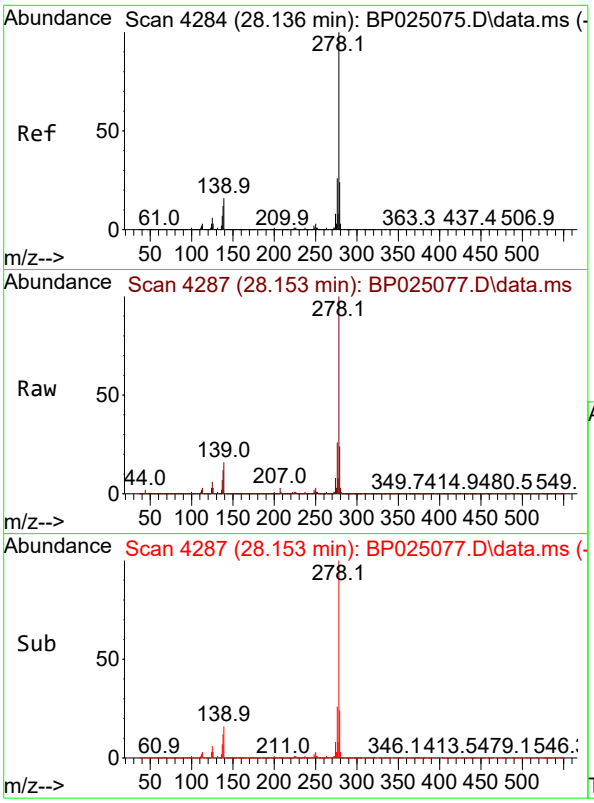


#90
Benzo(a)pyrene
Concen: 67.128 ng
RT: 24.359 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 7703067

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.9	9.0	13.4



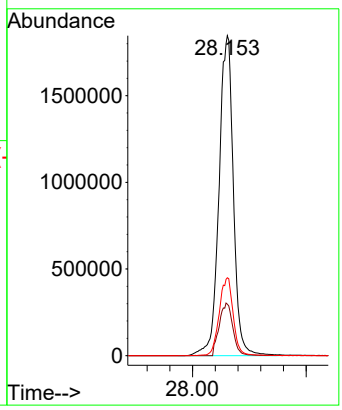


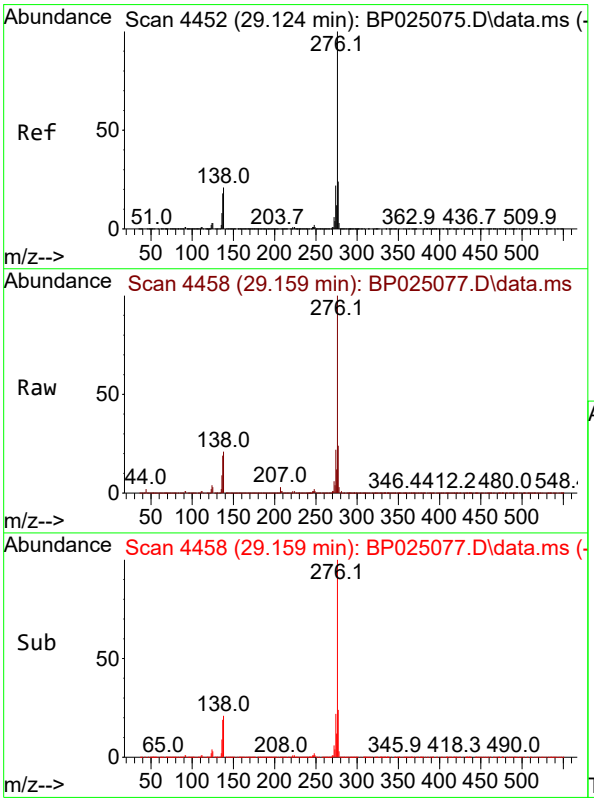
#91
Dibenzo(a,h)anthracene
Concen: 66.770 ng
RT: 28.153 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 8144621

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.1	19.7
279	24.3	18.9	28.3

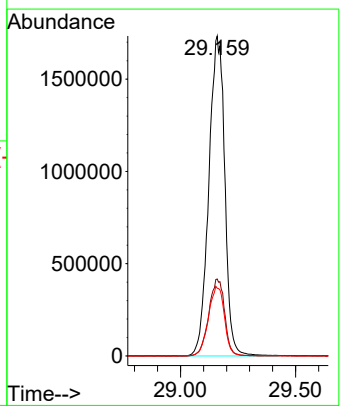




#92
Benzo(g,h,i)perylene
Concen: 66.020 ng
RT: 29.159 min Scan# 4458
Delta R.T. 0.035 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:276 Resp: 8319243

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	21.2	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025078.D
Acq On : 03 Jul 2025 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jul 03 15:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	405609	20.000	ng	0.00
21) Naphthalene-d8	10.195	136	1662149	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1084696	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	2129464	20.000	ng	0.01
76) Chrysene-d12	21.354	240	2139587	20.000	ng	0.01
86) Perylene-d12	24.483	264	2356318	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3655581	159.689	ng	0.00
7) Phenol-d6	6.637	99	4808315	160.956	ng	0.00
23) Nitrobenzene-d5	8.572	82	4100042	164.048	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	2161722	168.702	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	10212772	145.859	ng	0.00
79) Terphenyl-d14	19.677	244	13073627	134.293	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	663607	74.549	ng	100
3) Pyridine	3.490	79	1951300m	80.126	ng	
4) n-Nitrosodimethylamine	3.408	42	811711	78.664	ng	98
6) Aniline	6.796	93	2205608	79.022	ng	99
8) 2-Chlorophenol	7.019	128	2043001	79.765	ng	99
10) Phenol	6.666	94	2423035	79.827	ng	99
11) bis(2-Chloroethyl)ether	6.890	93	1808927	77.435	ng	100
12) 1,3-Dichlorobenzene	7.337	146	2200490	76.765	ng	99
13) 1,4-Dichlorobenzene	7.478	146	2228669	76.792	ng	99
14) 1,2-Dichlorobenzene	7.790	146	2114072	75.723	ng	99
15) Benzyl Alcohol	7.684	79	1647105	82.609	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.972	45	2295253	75.564	ng	99
17) 2-Methylphenol	7.878	107	1594735	81.561	ng	100
18) Hexachloroethane	8.507	117	750162	79.344	ng	96
19) n-Nitroso-di-n-propyla...	8.243	70	1414389	79.834	ng	99
20) 3+4-Methylphenols	8.207	107	2223238	81.178	ng	99
22) Acetophenone	8.248	105	2974255	75.663	ng	99
24) Nitrobenzene	8.613	77	2049856	80.522	ng	96
25) Isophorone	9.143	82	3731607	79.894	ng	99
26) 2-Nitrophenol	9.313	139	1054507	82.791	ng	99
27) 2,4-Dimethylphenol	9.390	122	1396982	80.180	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	2467631	77.809	ng	99
29) 2,4-Dichlorophenol	9.848	162	2035842	84.268	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	2084432	77.912	ng	98
31) Naphthalene	10.242	128	6485251	75.773	ng	100
32) Benzoic acid	9.560	122	1535999	87.682	ng	99
33) 4-Chloroaniline	10.348	127	2533698	79.326	ng	99
34) Hexachlorobutadiene	10.542	225	1198440	78.059	ng	99
35) Caprolactam	11.137	113	679020	82.158	ng	99
36) 4-Chloro-3-methylphenol	11.484	107	2102953	83.296	ng	99
37) 2-Methylnaphthalene	11.866	142	4691171	77.683	ng	99
38) 1-Methylnaphthalene	12.089	142	4509252	76.564	ng	99
40) 1,2,4,5-Tetrachloroben...	12.248	216	2462639	78.996	ng	99
41) Hexachlorocyclopentadiene	12.236	237	711159	87.336	ng	99
43) 2,4,6-Trichlorophenol	12.489	196	1646539	87.227	ng	99
44) 2,4,5-Trichlorophenol	12.566	196	1806219	84.432	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025078.D
Acq On : 03 Jul 2025 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jul 03 15:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.913	154	5987203	75.863	ng		100
47) 2-Chloronaphthalene	12.948	162	4544953	76.620	ng		99
48) 2-Nitroaniline	13.142	65	1186338	79.706	ng		98
49) Acenaphthylene	13.807	152	7027119	77.402	ng		99
50) Dimethylphthalate	13.566	163	5799322	76.378	ng		99
51) 2,6-Dinitrotoluene	13.672	165	1274236	86.048	ng		99
52) Acenaphthene	14.166	154	4454631	76.130	ng		98
53) 3-Nitroaniline	14.001	138	1399587	88.191	ng		99
54) 2,4-Dinitrophenol	14.207	184	592801	81.781	ng		98
55) Dibenzofuran	14.513	168	7178793	74.338	ng		99
56) 4-Nitrophenol	14.325	139	1251984	85.486	ng		98
57) 2,4-Dinitrotoluene	14.478	165	1759928	79.166	ng	#	96
58) Fluorene	15.178	166	5543506	74.216	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.742	232	1634442	84.370	ng		98
60) Diethylphthalate	14.978	149	5891551	77.254	ng		99
61) 4-Chlorophenyl-phenyle...	15.183	204	2717790	73.523	ng		99
62) 4-Nitroaniline	15.195	138	1404085	84.376	ng		99
63) Azobenzene	15.489	77	5079474	74.798	ng		97
65) 4,6-Dinitro-2-methylph...	15.254	198	836918	81.907	ng		97
66) n-Nitrosodiphenylamine	15.401	169	4815876	79.024	ng		99
67) 4-Bromophenyl-phenylether	16.095	248	1812737	83.140	ng		96
68) Hexachlorobenzene	16.207	284	2122928	79.660	ng		97
69) Atrazine	16.389	200	1312003	73.469	ng		100
70) Pentachlorophenol	16.566	266	1571184	87.298	ng		98
71) Phenanthrene	16.966	178	8609082	75.660	ng		99
72) Anthracene	17.048	178	8269798	75.756	ng		99
73) Carbazole	17.336	167	8311609	77.872	ng		99
74) Di-n-butylphthalate	17.966	149	9814307	82.572	ng		99
75) Fluoranthene	19.066	202	10352176	77.833	ng		98
77) Benzidine	19.266	184	2653175	70.212	ng		100
78) Pyrene	19.448	202	10597728	79.970	ng		99
80) Butylbenzylphthalate	20.436	149	4268020	80.862	ng		99
81) Benzo(a)anthracene	21.336	228	10175638	78.478	ng		99
82) 3,3'-Dichlorobenzidine	21.271	252	3397776	87.049	ng		99
83) Chrysene	21.407	228	9566614	76.668	ng		99
84) Bis(2-ethylhexyl)phtha...	21.330	149	6160265	88.574	ng		98
85) Di-n-octyl phthalate	22.559	149	10681173	79.212	ng		99
87) Indeno(1,2,3-cd)pyrene	28.047	276	12878282m	85.771	ng		
88) Benzo(b)fluoranthene	23.518	252	11185819	81.559	ng		99
89) Benzo(k)fluoranthene	23.583	252	10678946	78.255	ng		99
90) Benzo(a)pyrene	24.354	252	9800149	83.957	ng		99
91) Dibenzo(a,h)anthracene	28.147	278	10538537	84.932	ng		99
92) Benzo(g,h,i)perylene	29.147	276	10759787	83.943	ng		100

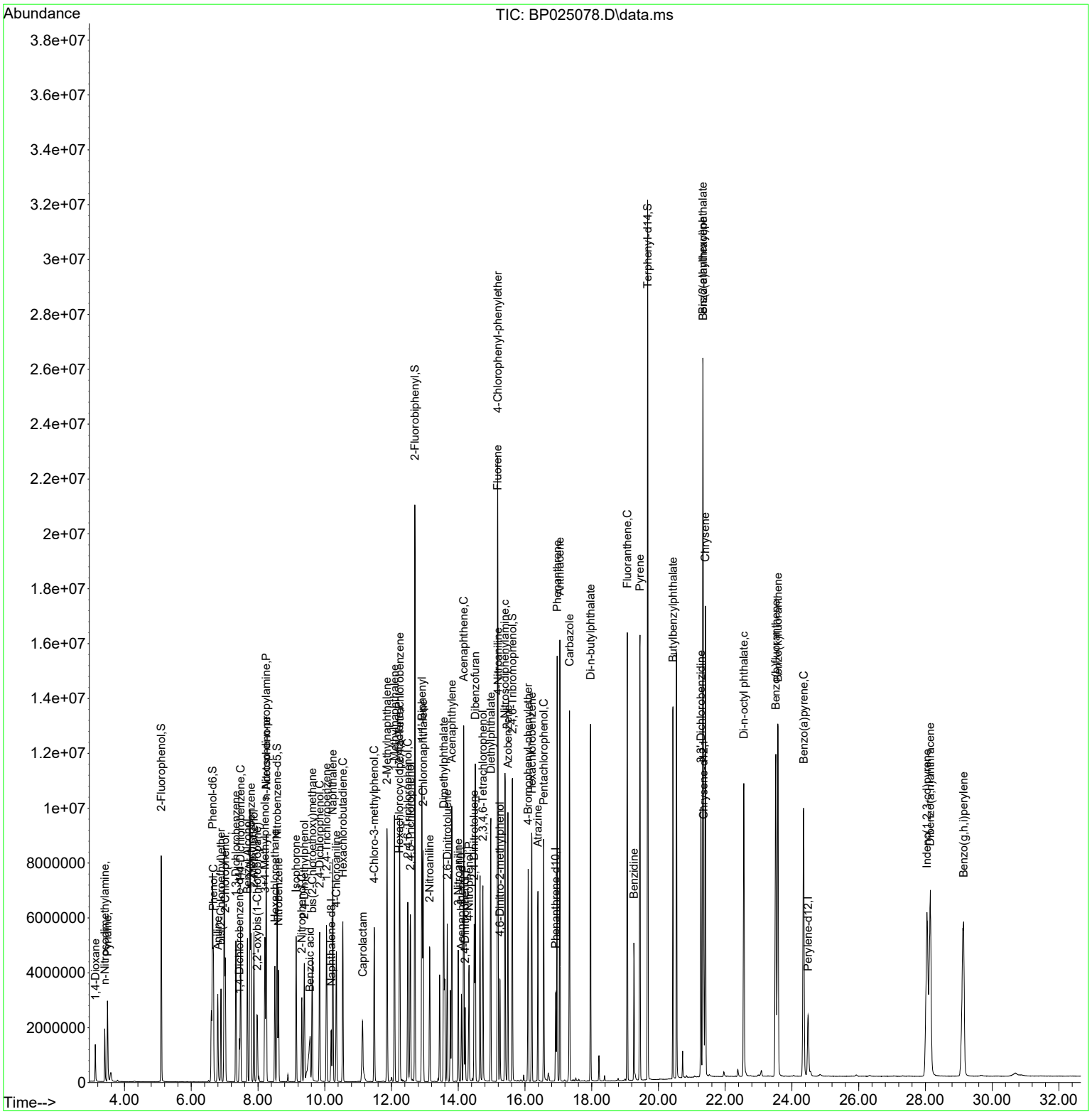
(#) = qualifier out of range (m) = manual integration (+) = signals summed

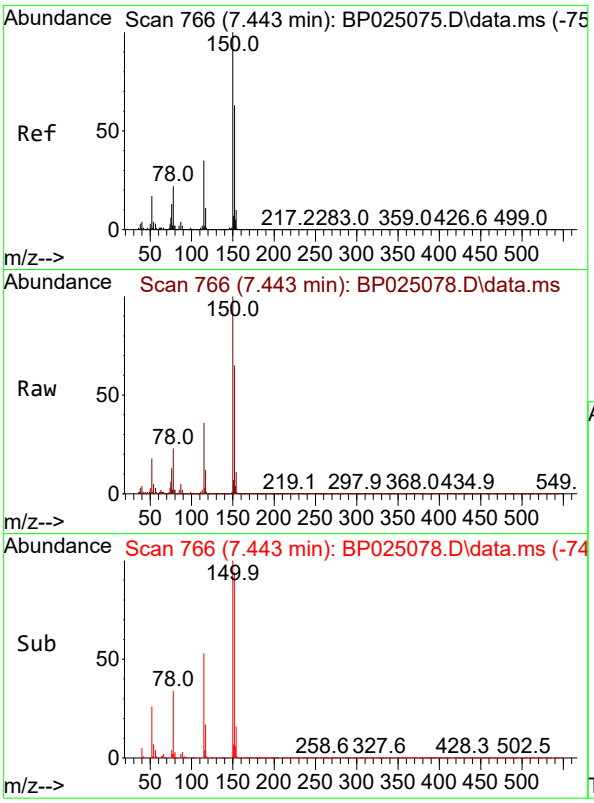
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025078.D
Acq On : 03 Jul 2025 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jul 03 15:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



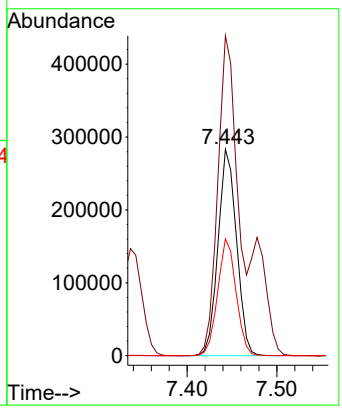


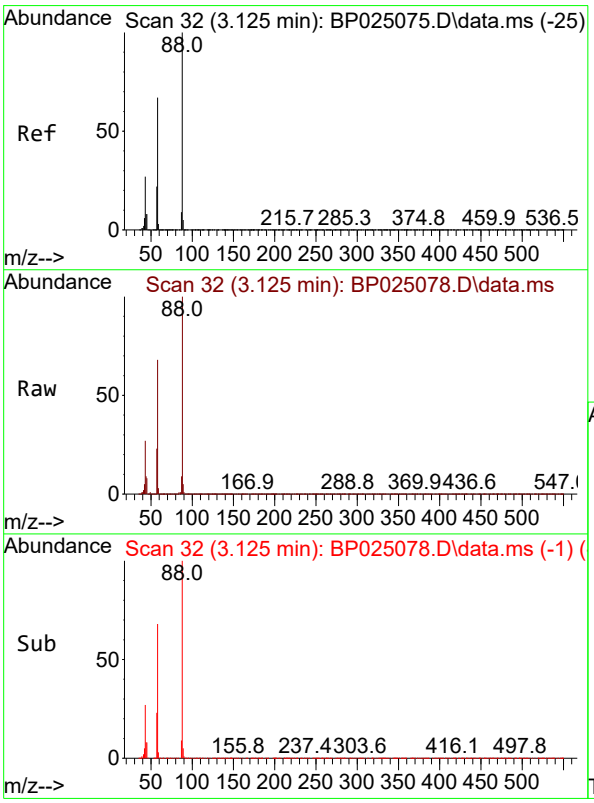
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 405609

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.1	189.1
115	56.6	44.3	66.5

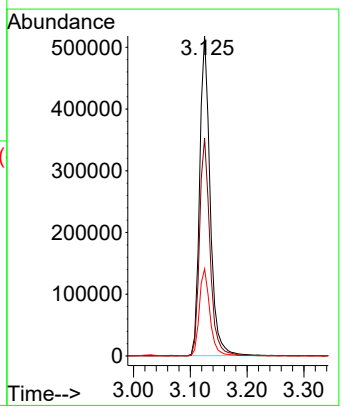


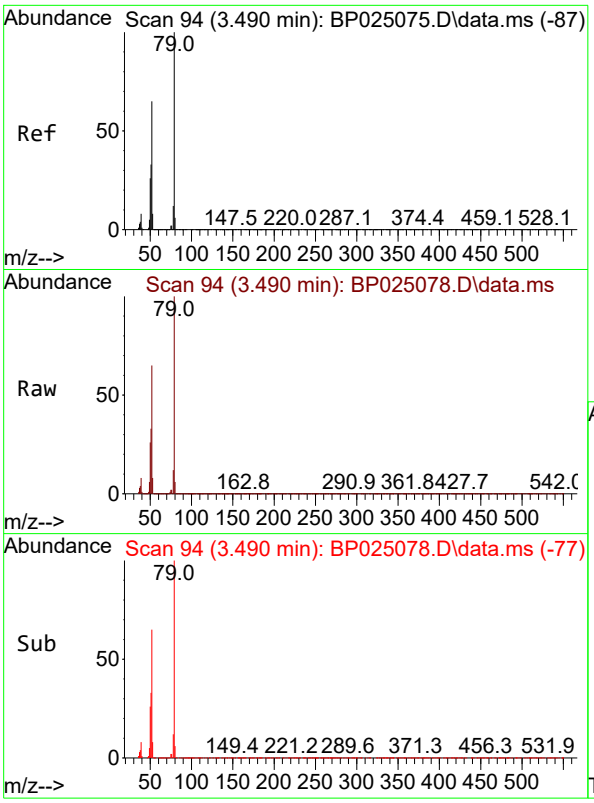


#2
1,4-Dioxane
Concen: 74.549 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 88 Resp: 663607

Ion	Ratio	Lower	Upper
88	100		
58	68.5	55.0	82.4
43	27.4	21.9	32.9



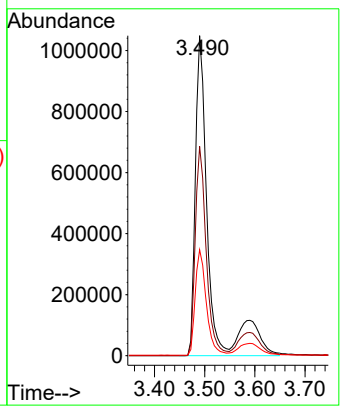


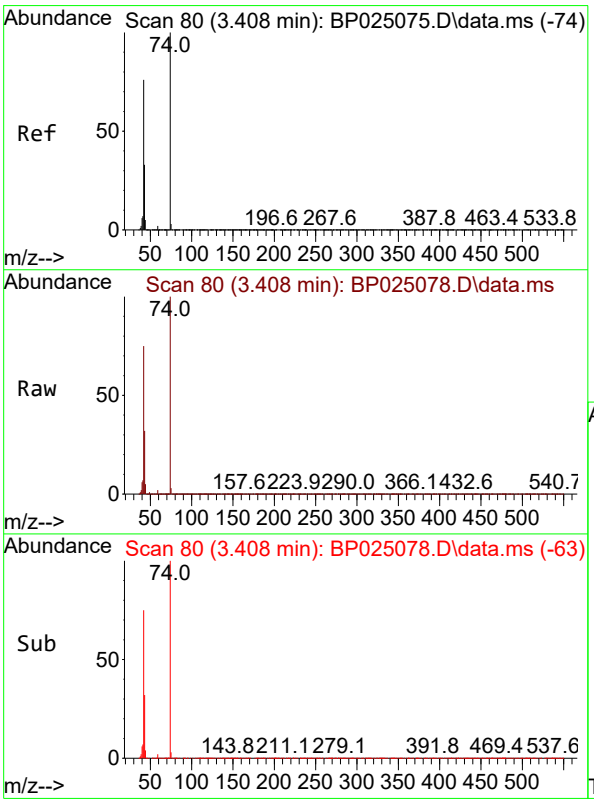
#3
Pyridine
Concen: 80.126 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1951300

Ion	Ratio	Lower	Upper
79	100		
52	65.4	52.2	78.4
51	33.1	26.8	40.2

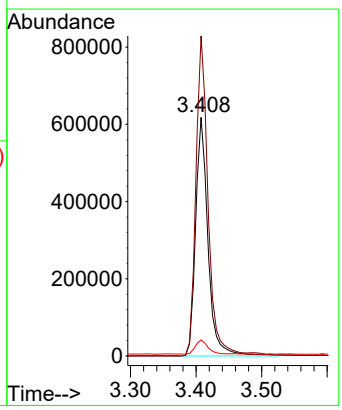


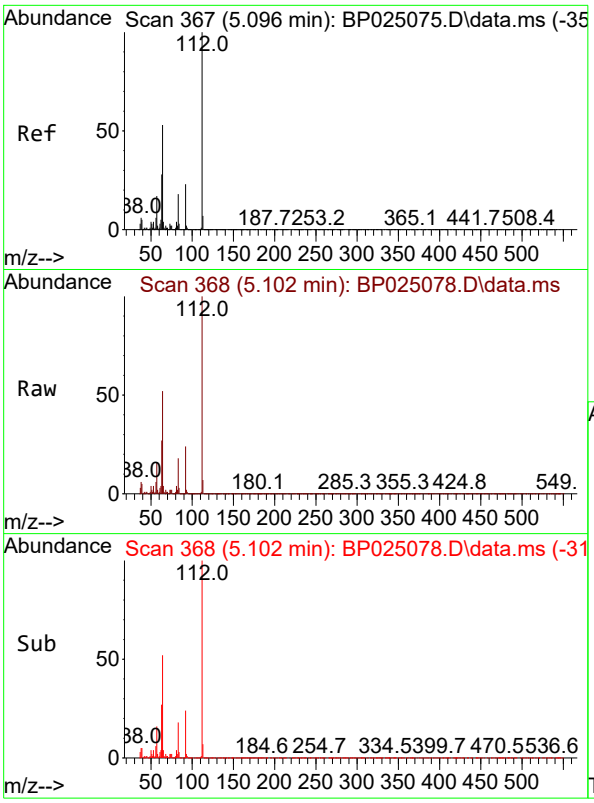


#4
n-Nitrosodimethylamine
Concen: 78.664 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 42 Resp: 811711

Ion	Ratio	Lower	Upper
42	100		
74	134.1	105.2	157.8
44	6.7	6.6	9.8



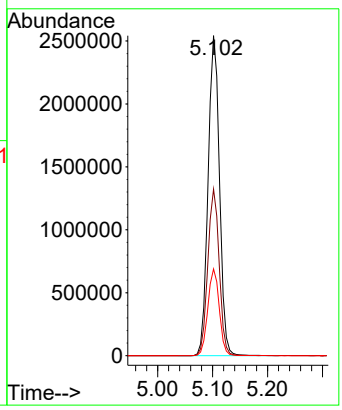


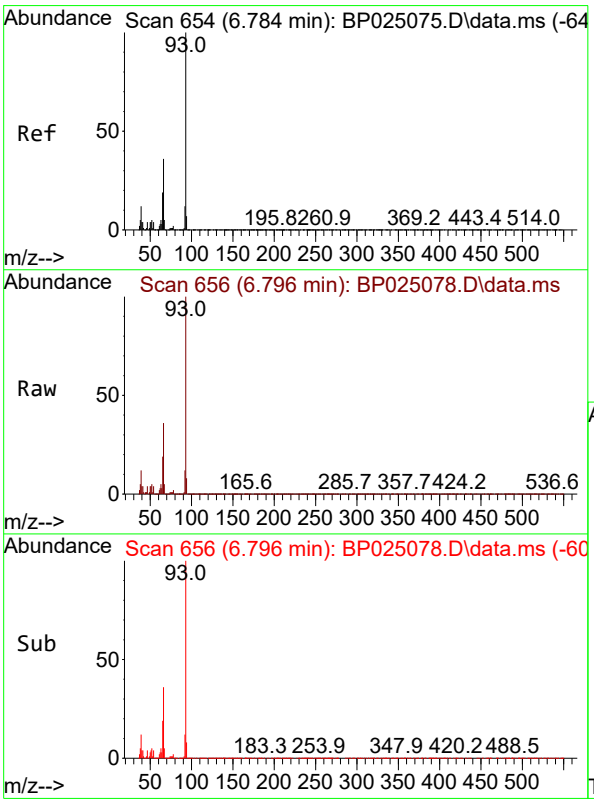
#5
2-Fluorophenol
Concen: 159.689 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 3655581

Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.0	63.0
63	27.1	22.2	33.2

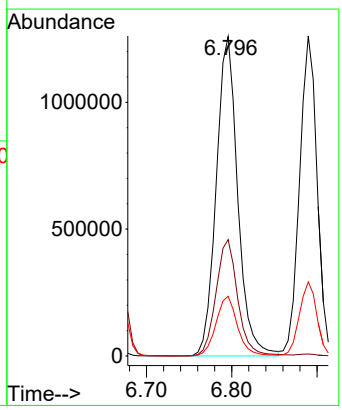


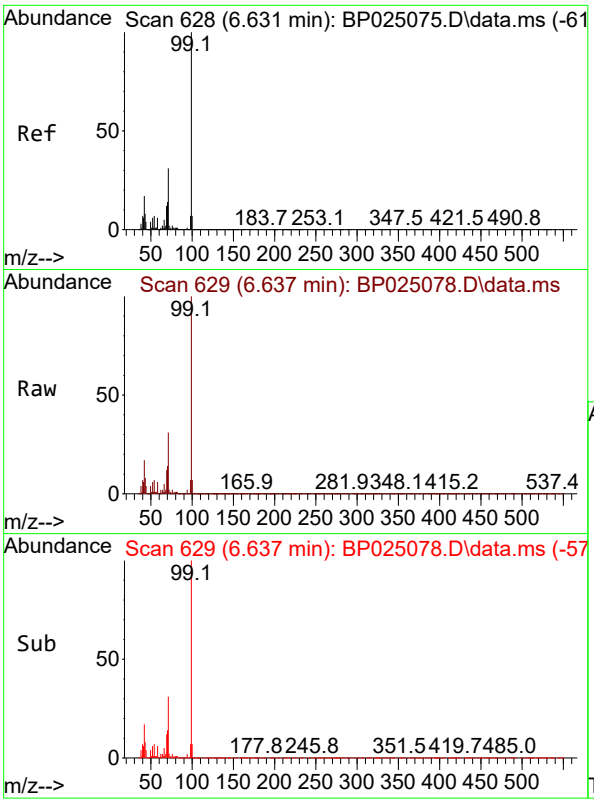


#6
Aniline
Concen: 79.022 ng
RT: 6.796 min Scan# 656
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 93 Resp: 2205608

Ion	Ratio	Lower	Upper
93	100		
66	36.4	28.9	43.3
65	18.7	15.2	22.8



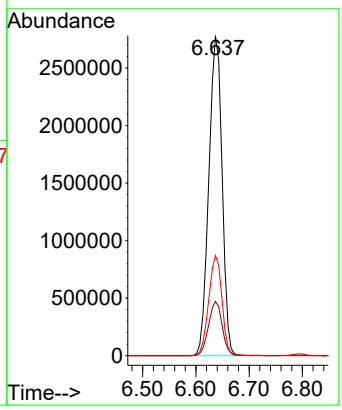


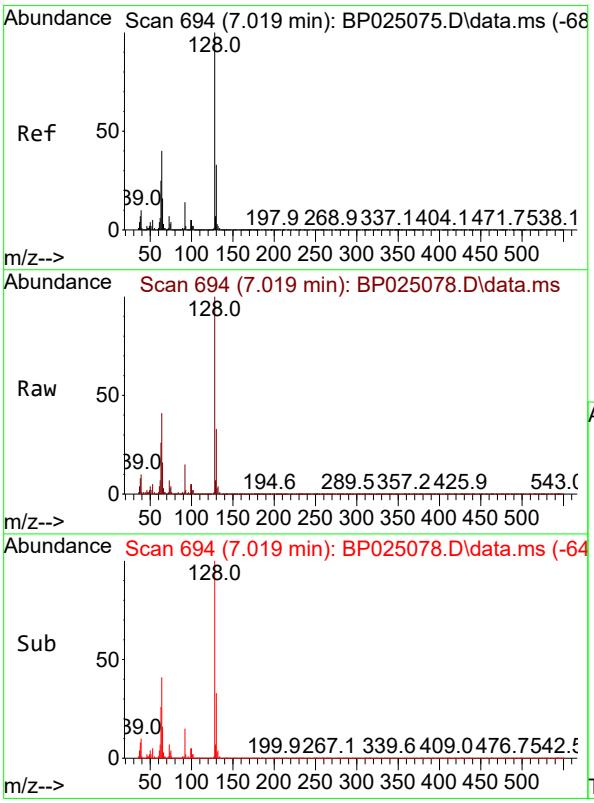
#7
Phenol-d6
Concen: 160.956 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 4808315

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	31.3	24.4	36.6

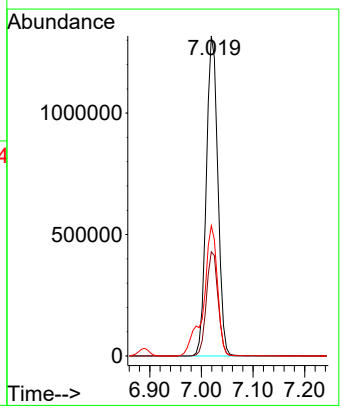


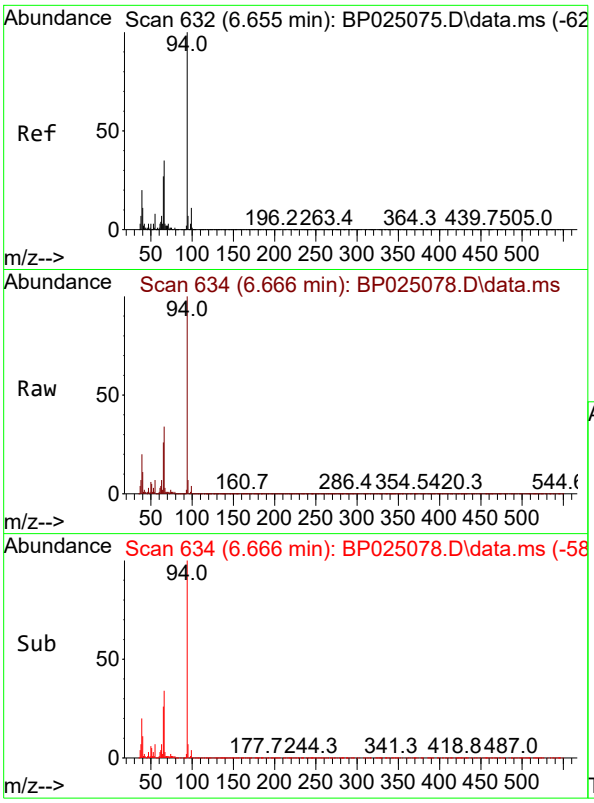


#8
2-Chlorophenol
Concen: 79.765 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:128 Resp: 2043001

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	40.7	20.3	60.3



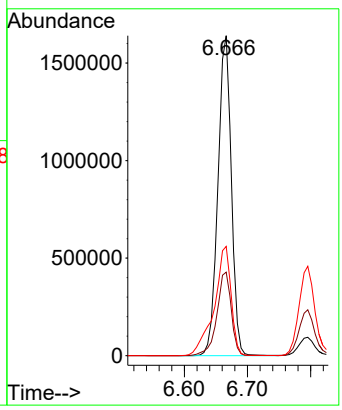


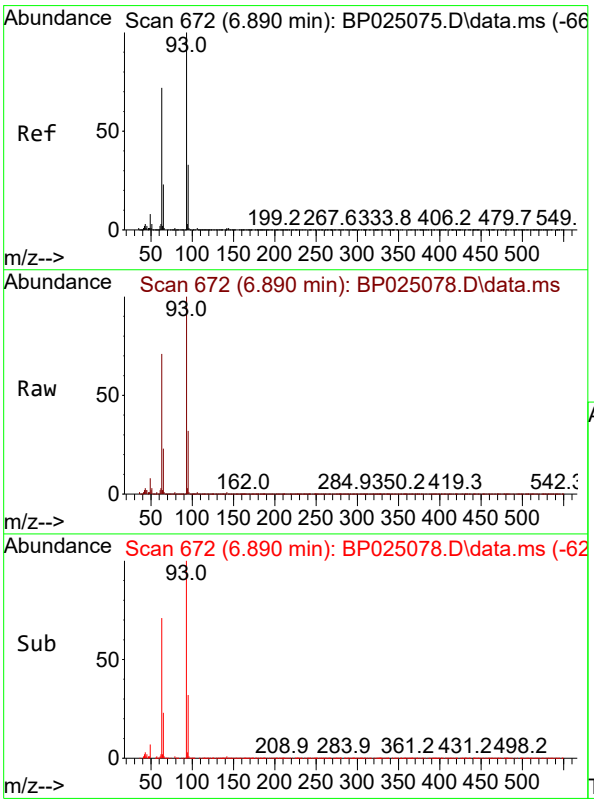
#10
Phenol
Concen: 79.827 ng
RT: 6.666 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 94 Resp: 2423035

Ion	Ratio	Lower	Upper
94	100		
65	26.1	6.9	46.9
66	34.1	14.6	54.6

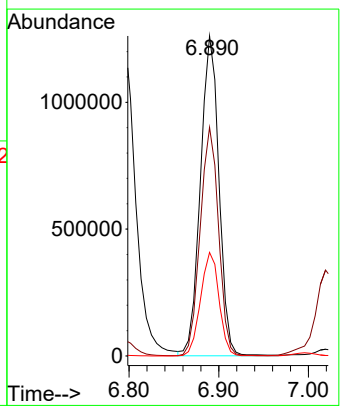


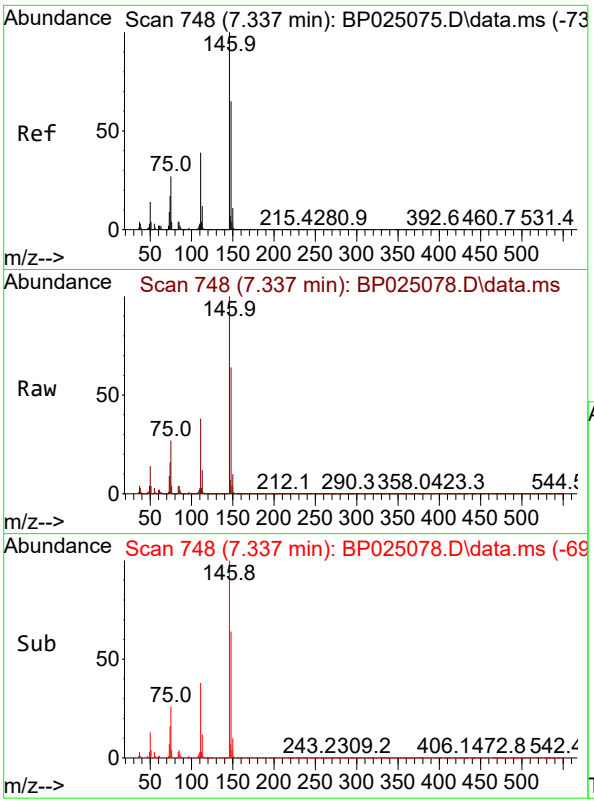


#11
bis(2-Chloroethyl)ether
Concen: 77.435 ng
RT: 6.890 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 93 Resp: 1808927

Ion	Ratio	Lower	Upper
93	100		
63	71.5	51.9	91.9
95	32.4	12.4	52.4



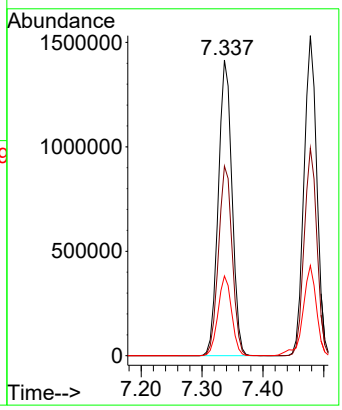


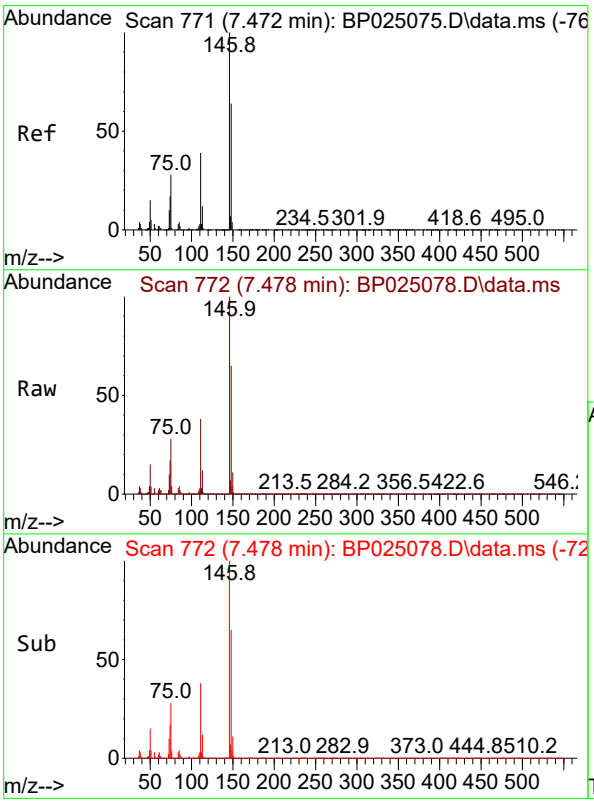
#12
1,3-Dichlorobenzene
Concen: 76.765 ng
RT: 7.337 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 2200490

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
75	26.9	21.8	32.6

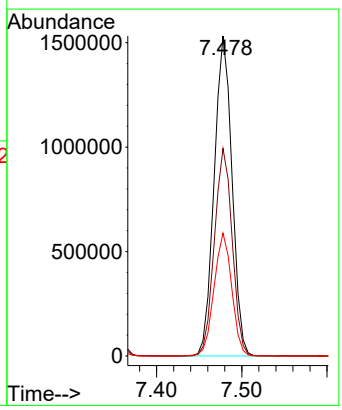


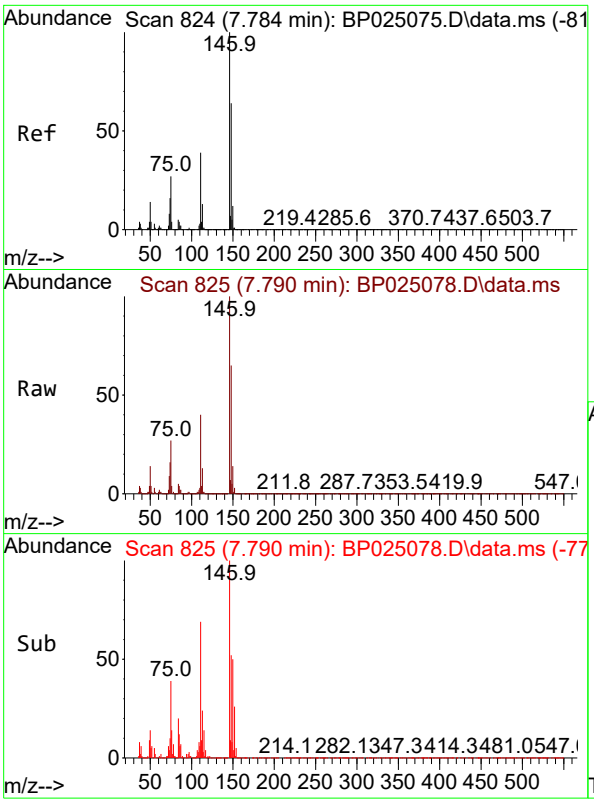


#13
1,4-Dichlorobenzene
Concen: 76.792 ng
RT: 7.478 min Scan# 772
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:146 Resp: 2228669

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	38.4	31.2	46.8



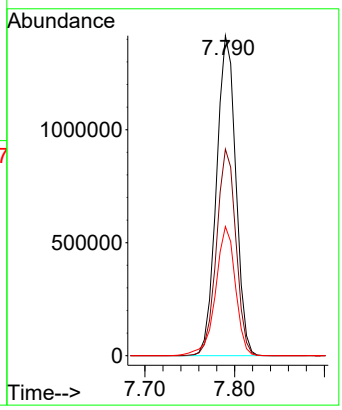


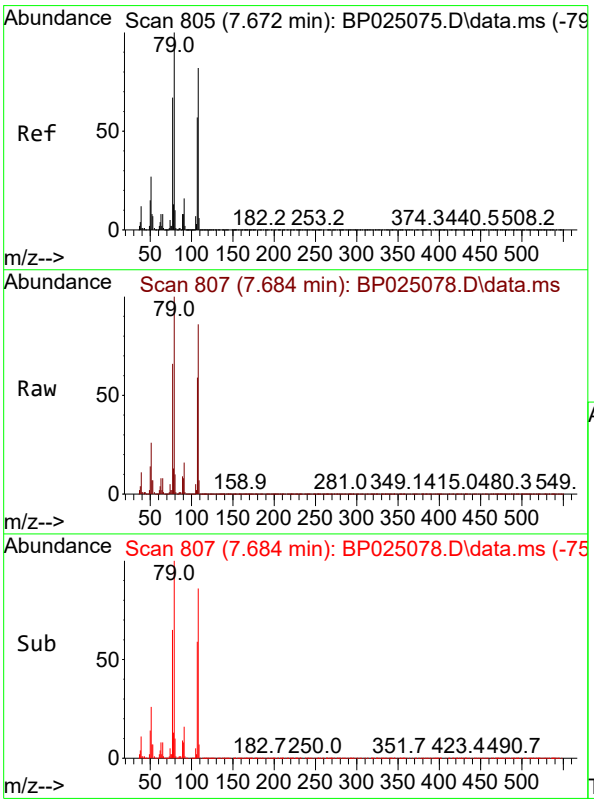
#14
1,2-Dichlorobenzene
Concen: 75.723 ng
RT: 7.790 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 2114072

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	40.3	31.2	46.8

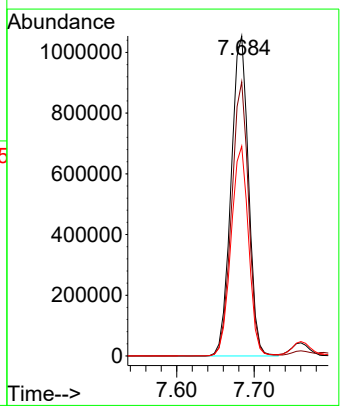


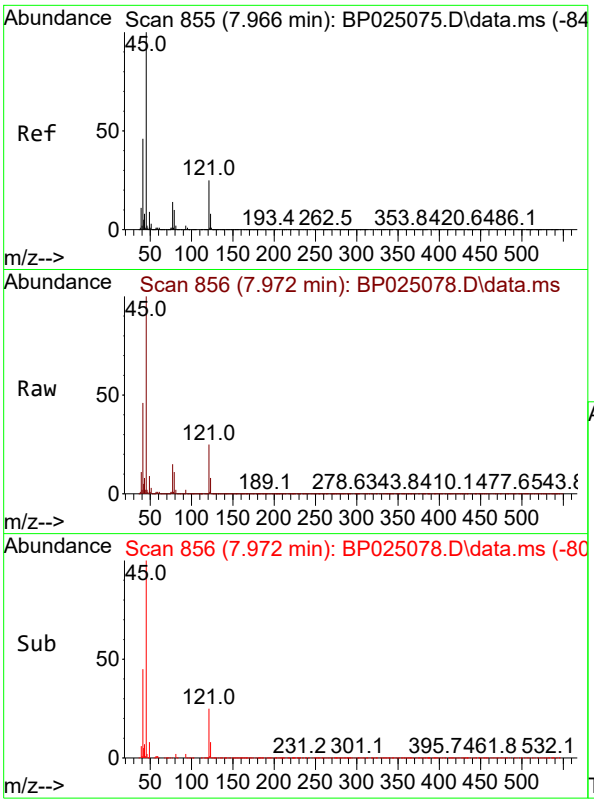


#15
Benzyl Alcohol
Concen: 82.609 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 79 Resp: 1647105

Ion	Ratio	Lower	Upper
79	100		
108	85.6	66.0	99.0
77	65.5	53.4	80.2



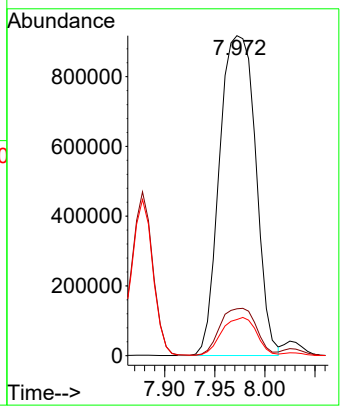


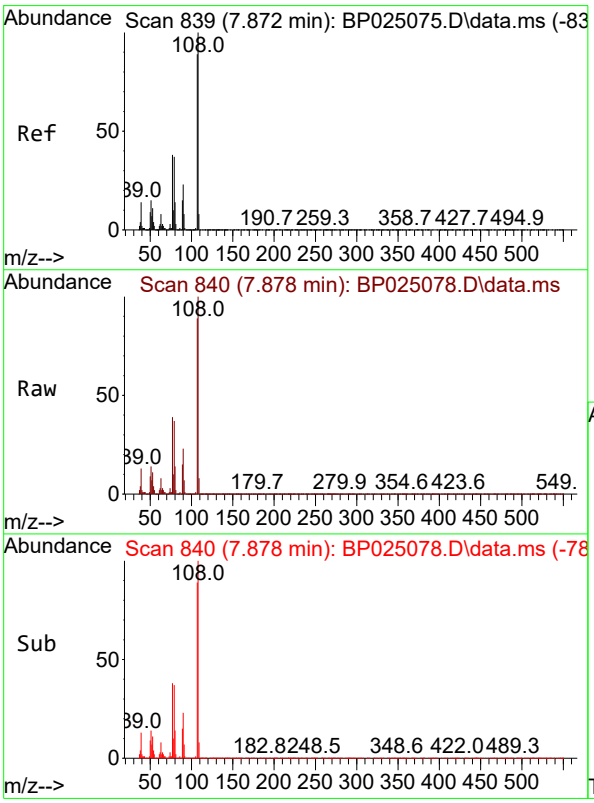
#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.564 ng
RT: 7.972 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 45 Resp: 2295253

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	34.8
79	11.3	0.0	30.7

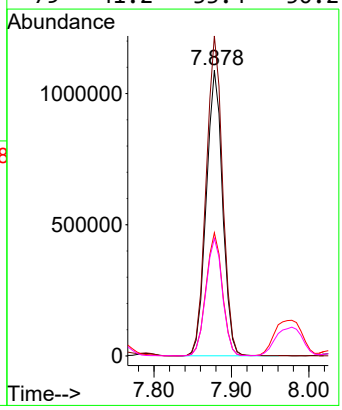


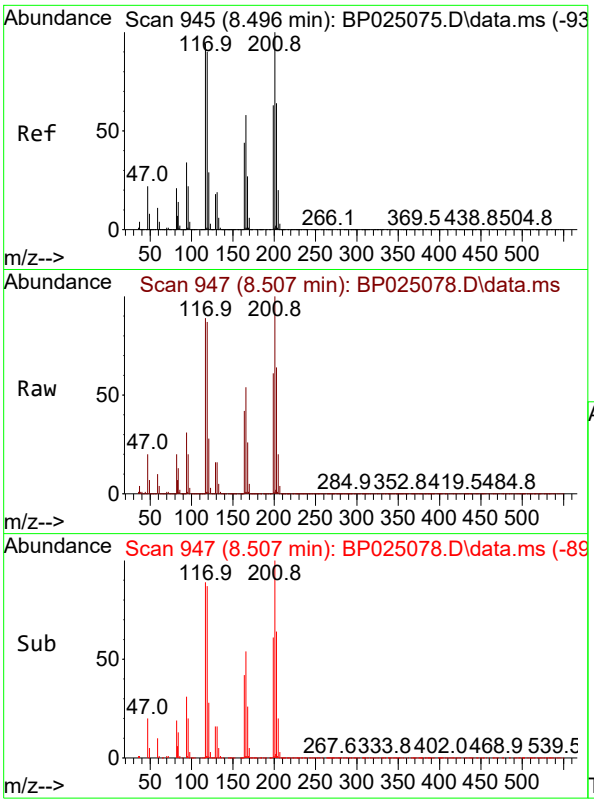


#17
2-Methylphenol
Concen: 81.561 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:107 Resp: 1594735

Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.7	134.5
77	43.2	34.2	51.4
79	41.2	33.4	50.2



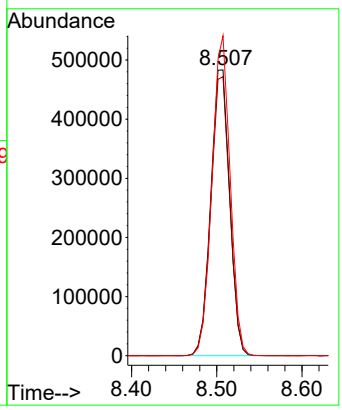


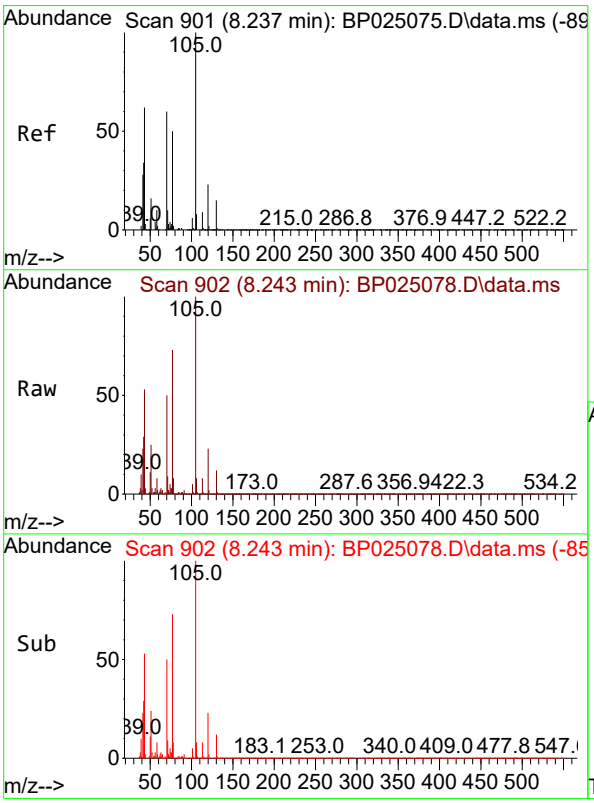
#18
Hexachloroethane
Concen: 79.344 ng
RT: 8.507 min Scan# 94
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:117 Resp: 750162

Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.6	115.0
201	112.0	85.4	128.2

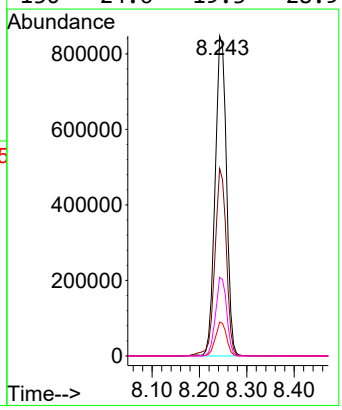


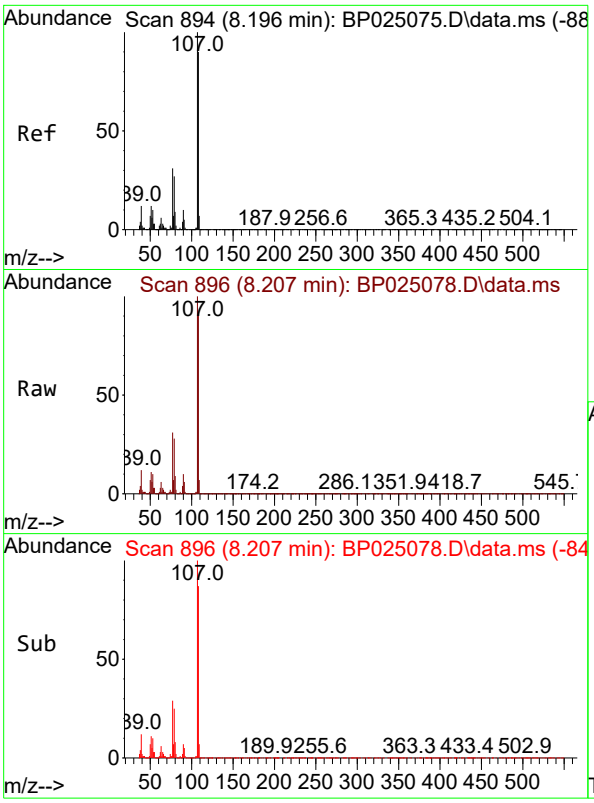


#19
n-Nitroso-di-n-propylamine
Concen: 79.834 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 70 Resp: 1414389

Ion	Ratio	Lower	Upper
70	100		
42	58.6	46.5	69.7
101	10.6	7.9	11.9
130	24.6	19.3	28.9



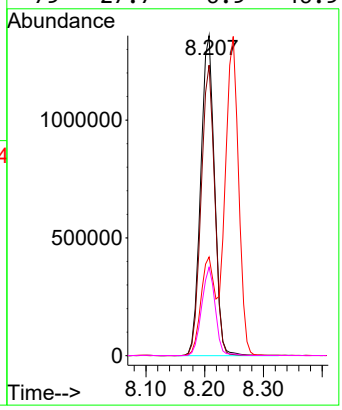


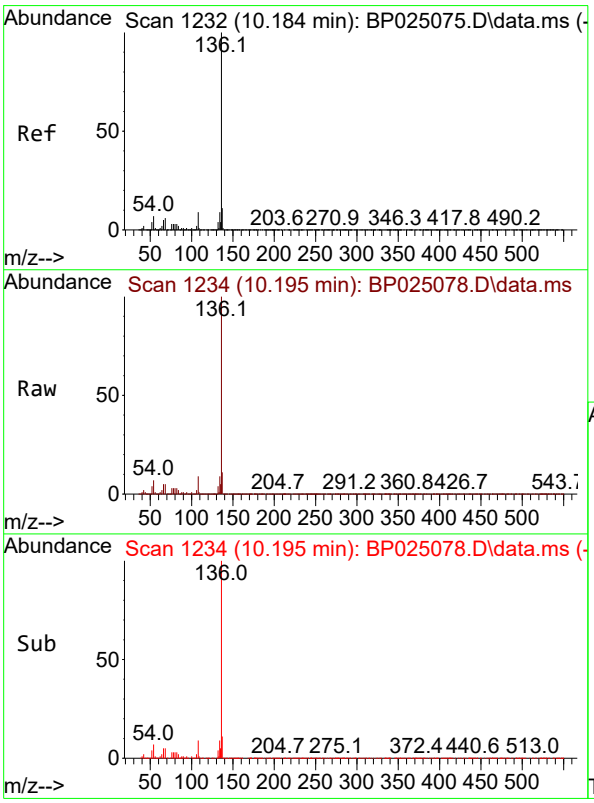
#20
3+4-Methylphenols
Concen: 81.178 ng
RT: 8.207 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 2223238

Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.5	109.5
77	30.9	11.4	51.4
79	27.7	6.9	46.9

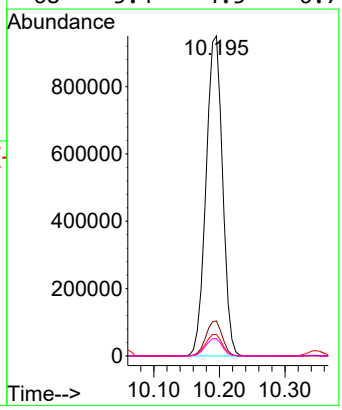


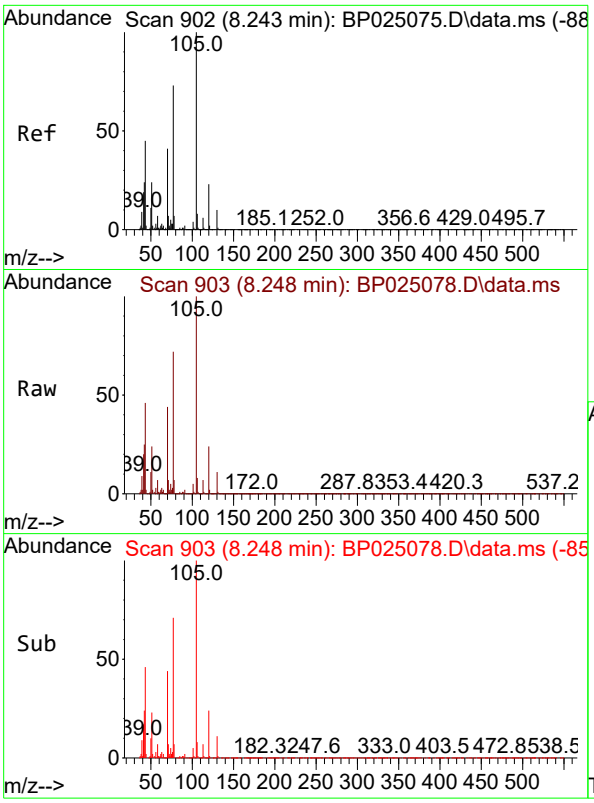


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.195 min Scan# 1234
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:136 Resp: 1662149

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



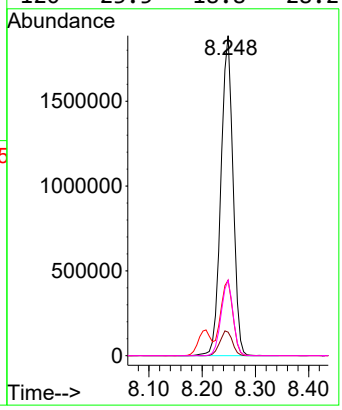


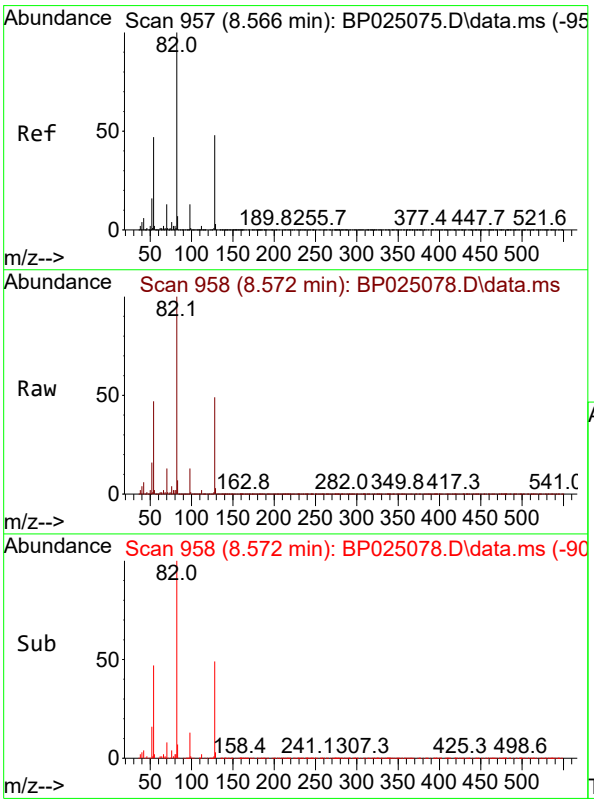
#22
Acetophenone
Concen: 75.663 ng
RT: 8.248 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:105 Resp: 2974255

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.4	8.2
51	23.6	19.6	29.4
120	23.5	18.8	28.2

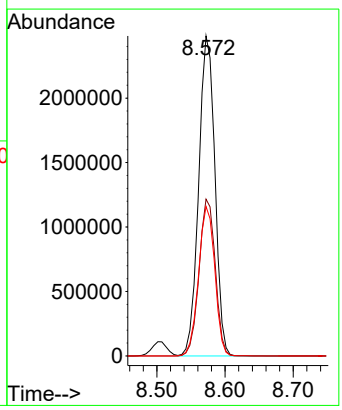


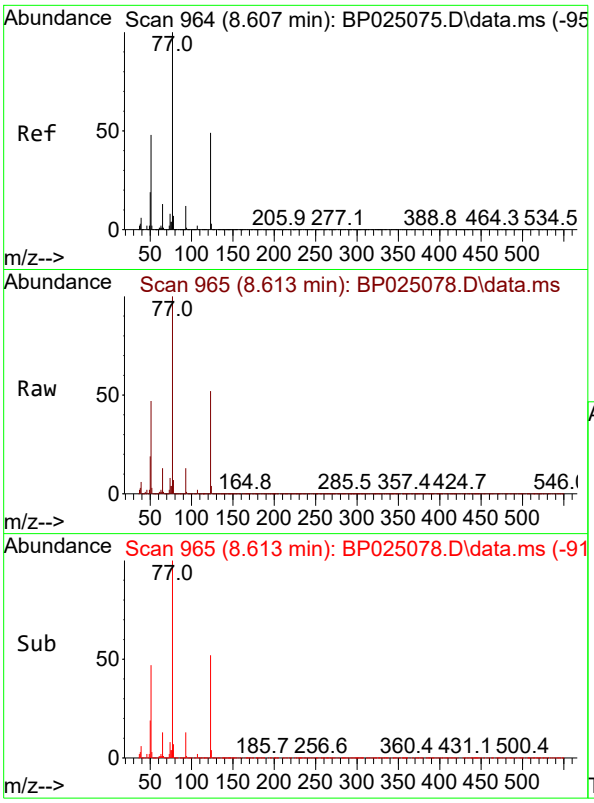


#23
Nitrobenzene-d5
Concen: 164.048 ng
RT: 8.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 82 Resp: 4100042

Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.4	57.6
54	46.7	37.8	56.6



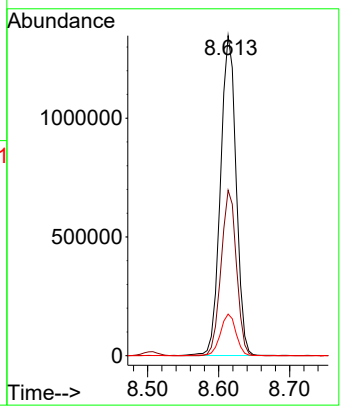


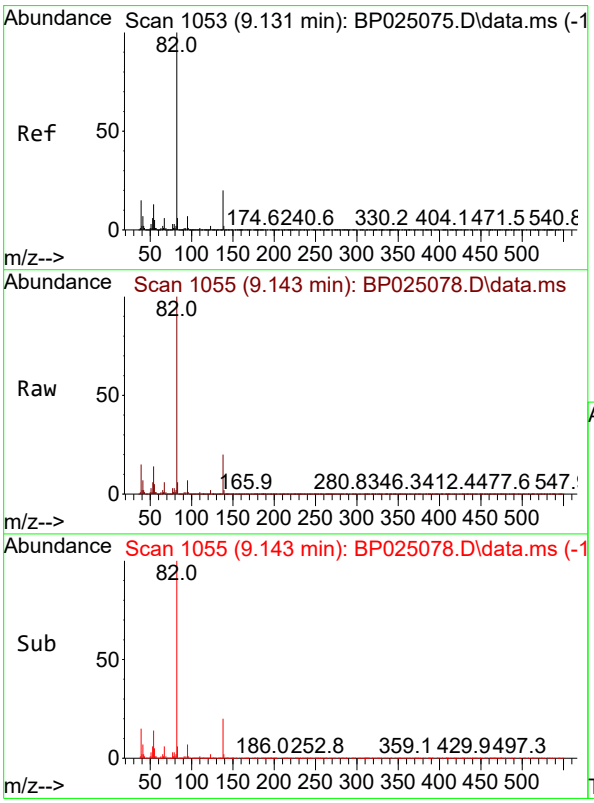
#24
Nitrobenzene
Concen: 80.522 ng
RT: 8.613 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 2049856

Ion	Ratio	Lower	Upper
77	100		
123	51.7	39.0	58.6
65	13.0	10.7	16.1

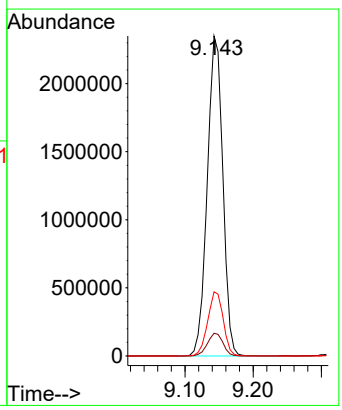


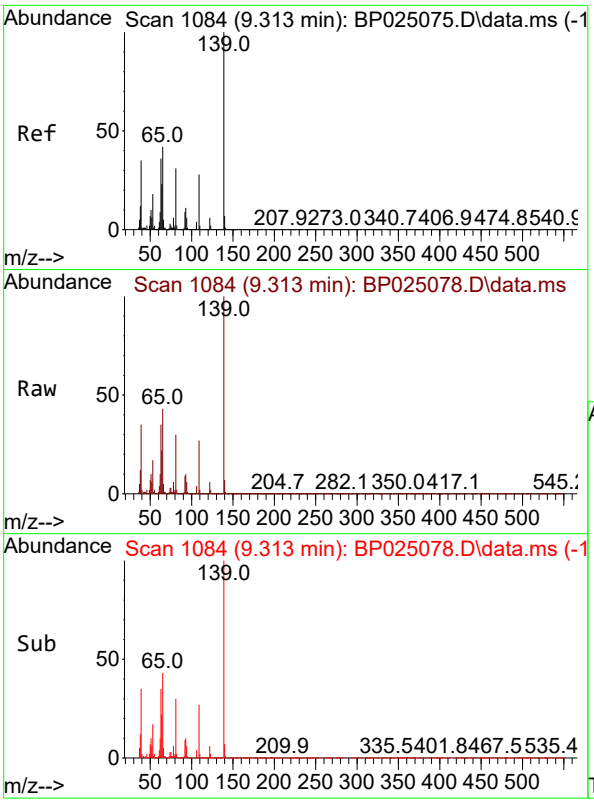


#25
Isophorone
Concen: 79.894 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 82 Resp: 3731607

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	20.0	15.7	23.5



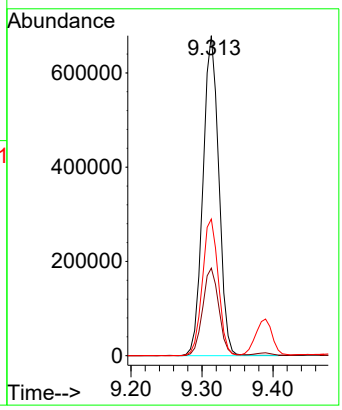


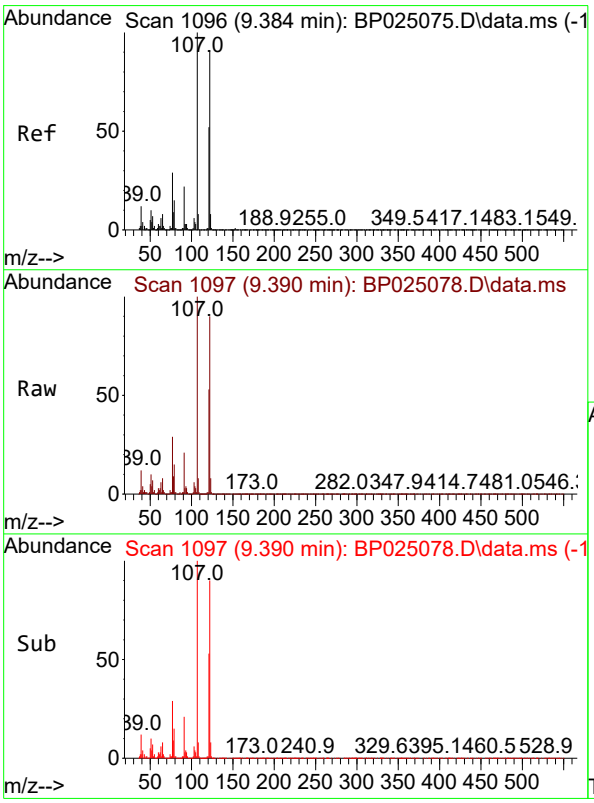
#26
2-Nitrophenol
Concen: 82.791 ng
RT: 9.313 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 1054507

Ion	Ratio	Lower	Upper
139	100		
109	27.3	22.3	33.5
65	42.7	33.8	50.8

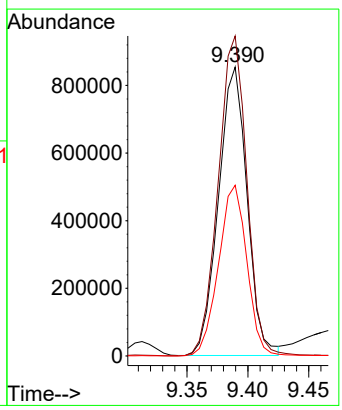


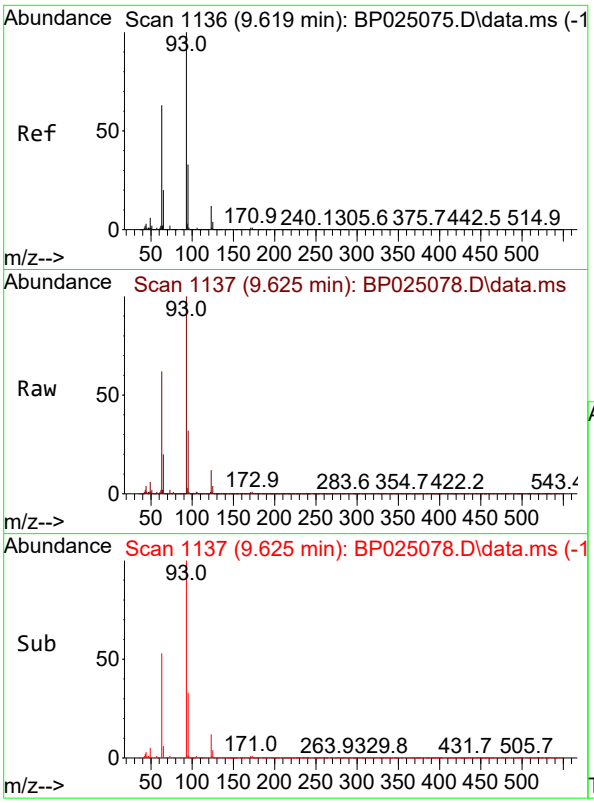


#27
2,4-Dimethylphenol
Concen: 80.180 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:122 Resp: 1396982

Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.2	132.2
121	59.1	46.1	69.1



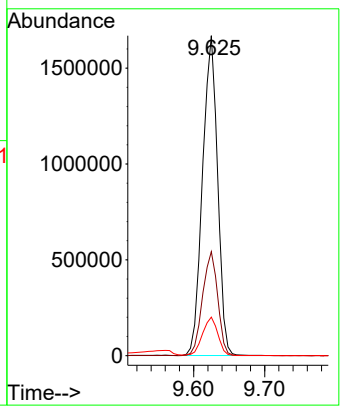


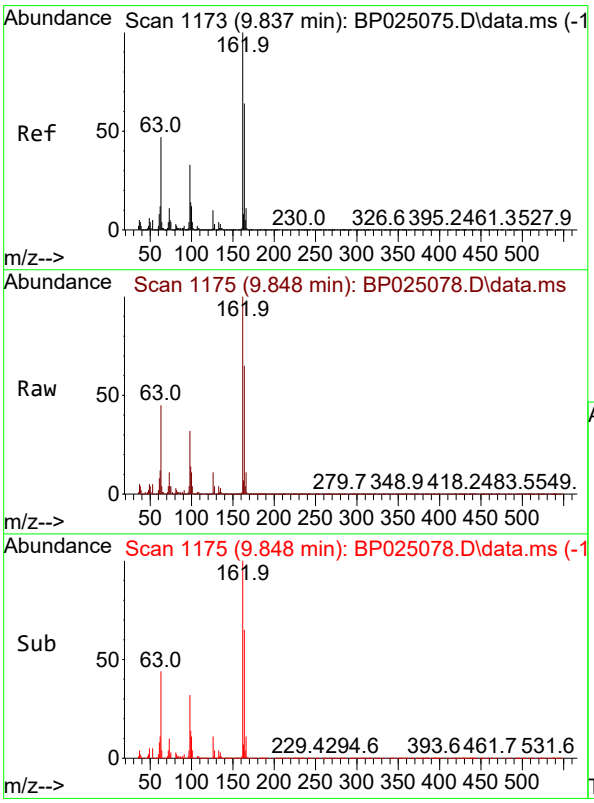
#28
bis(2-Chloroethoxy)methane
Concen: 77.809 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 2467631

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	12.1	10.1	15.1

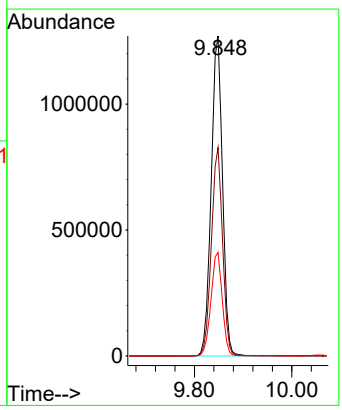


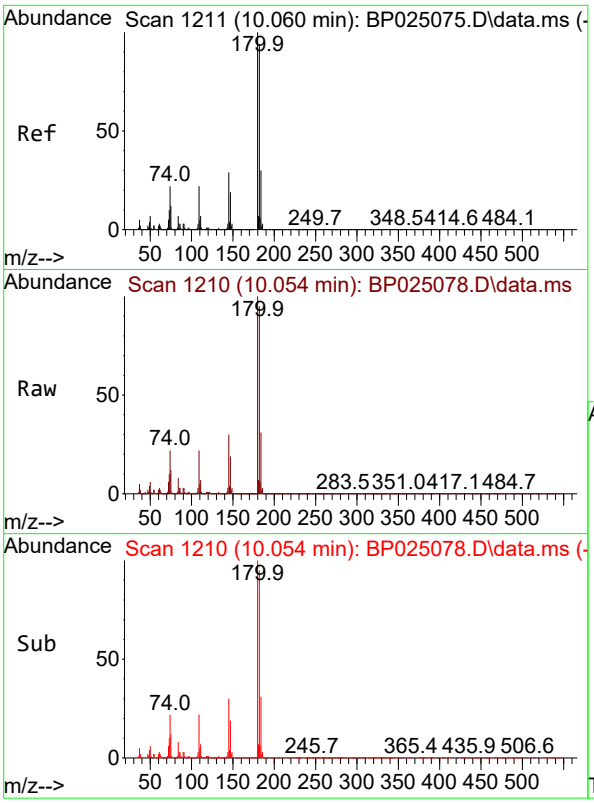


#29
2,4-Dichlorophenol
Concen: 84.268 ng
RT: 9.848 min Scan# 1175
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:162 Resp: 2035842

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.1	84.1
98	32.4	13.1	53.1



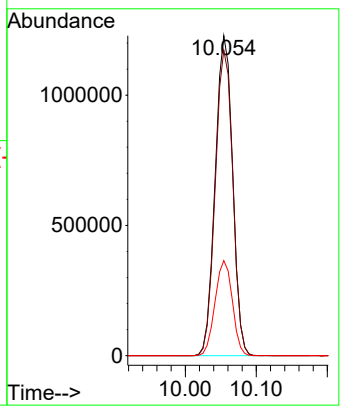


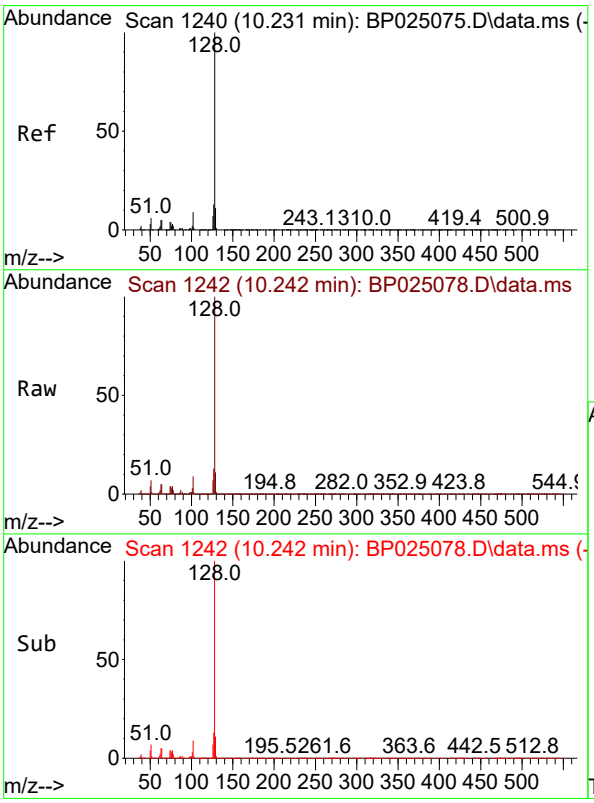
#30
1,2,4-Trichlorobenzene
Concen: 77.912 ng
RT: 10.054 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:180 Resp: 2084432

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.1	112.7
145	29.7	23.3	34.9

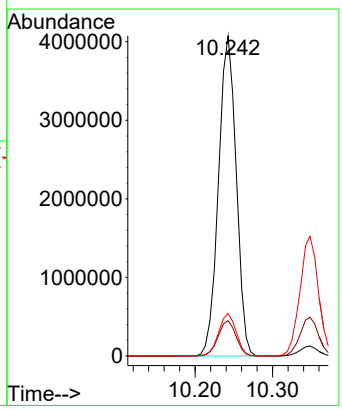


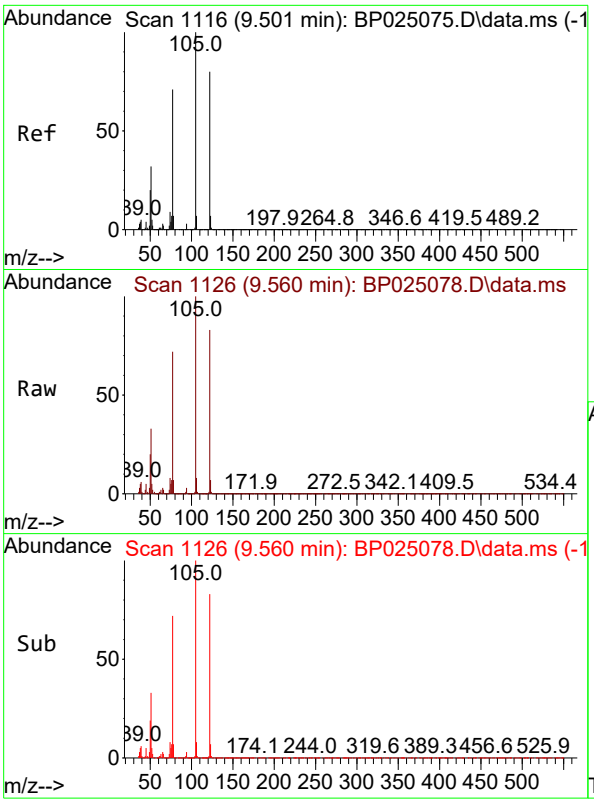


#31
Naphthalene
Concen: 75.773 ng
RT: 10.242 min Scan# 1242
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:128 Resp: 6485251

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.2	10.4	15.6



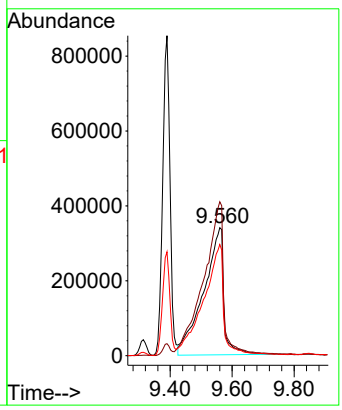


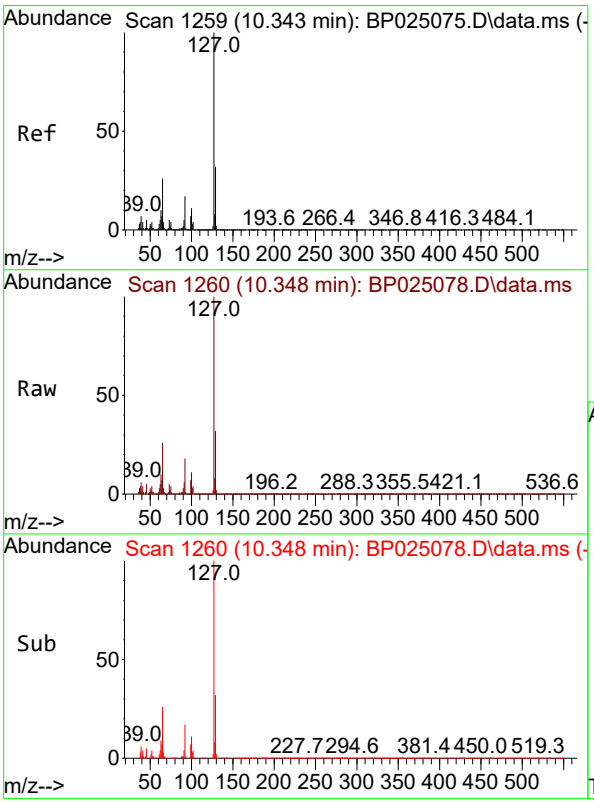
#32
Benzoic acid
Concen: 87.682 ng
RT: 9.560 min Scan# 11
Delta R.T. 0.059 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 1535999

Ion	Ratio	Lower	Upper
122	100		
105	120.2	101.0	141.0
77	86.8	67.6	107.6

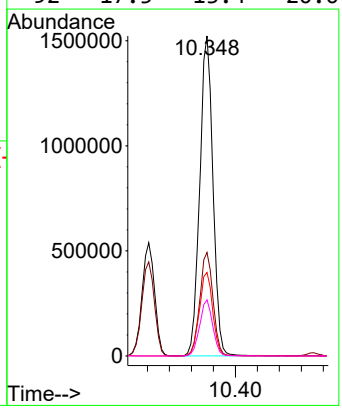


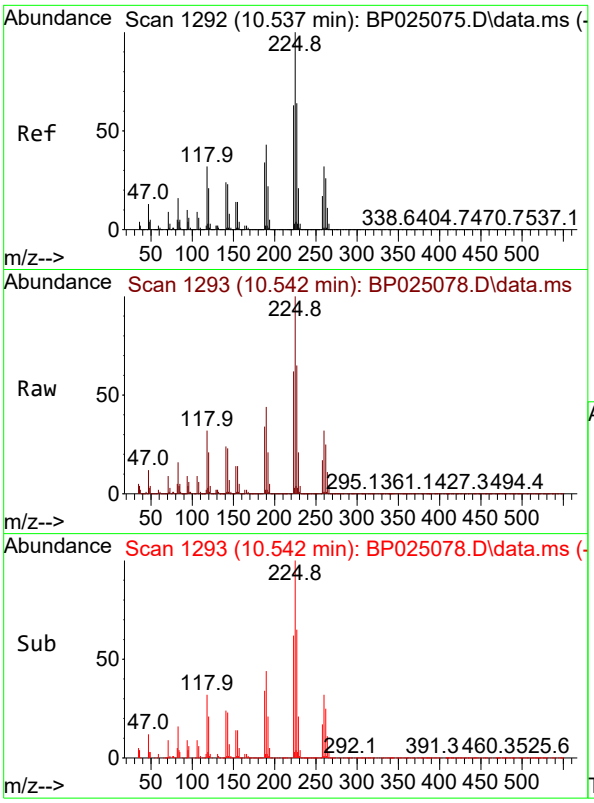


#33
4-Chloroaniline
Concen: 79.326 ng
RT: 10.348 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:127 Resp: 2533698

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	26.1	21.0	31.6
92	17.5	13.4	20.0



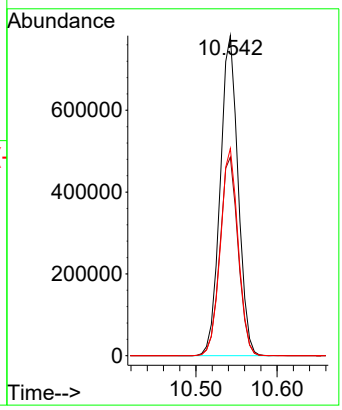


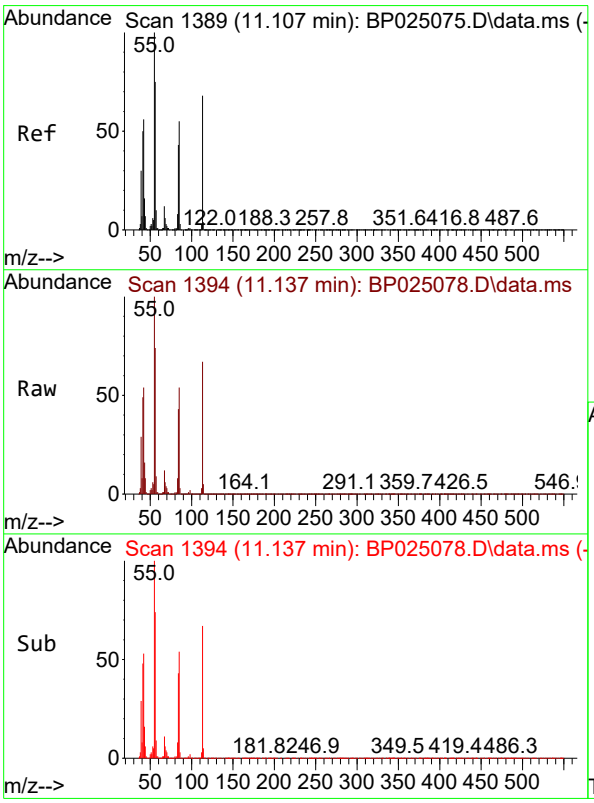
#34
Hexachlorobutadiene
Concen: 78.059 ng
RT: 10.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:225 Resp: 1198440

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	64.8	51.3	76.9

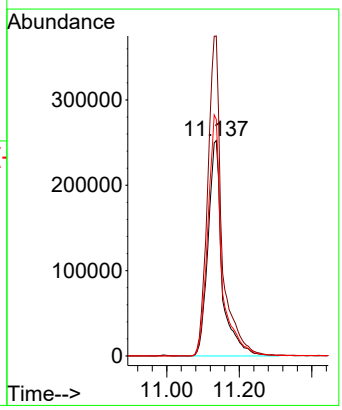


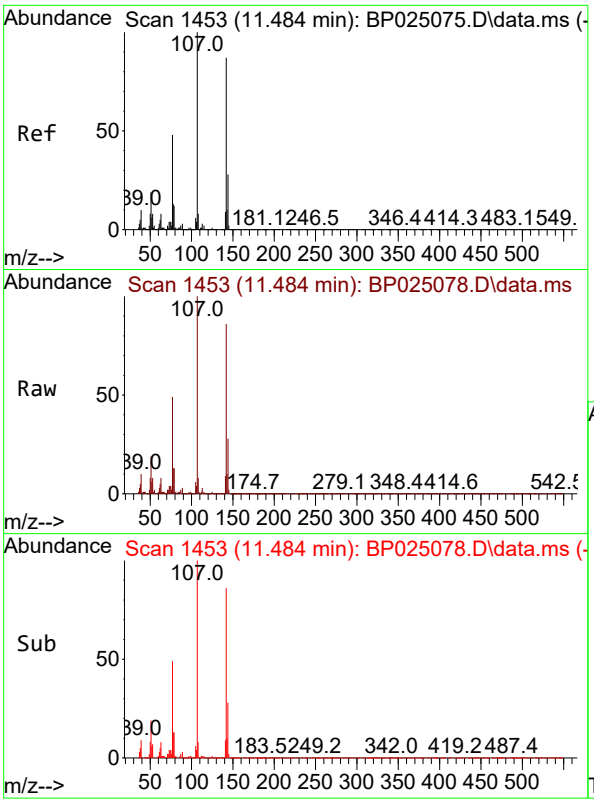


#35
Caprolactam
Concen: 82.158 ng
RT: 11.137 min Scan# 1394
Delta R.T. 0.029 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:113 Resp: 679020

Ion	Ratio	Lower	Upper
113	100		
55	148.6	128.1	168.1
56	109.9	90.7	130.7



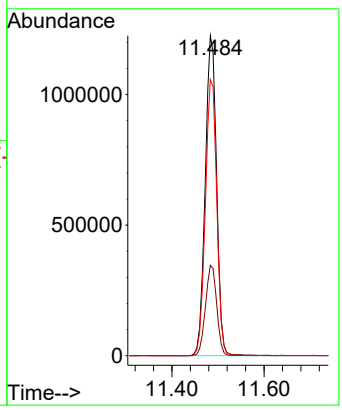


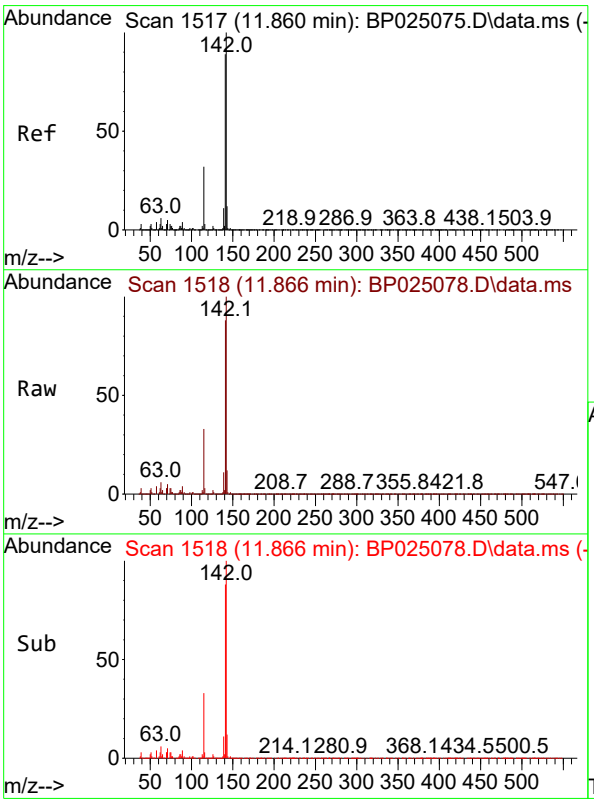
#36
4-Chloro-3-methylphenol
Concen: 83.296 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 2102953

Ion	Ratio	Lower	Upper
107	100		
144	28.2	22.4	33.6
142	86.3	69.6	104.4

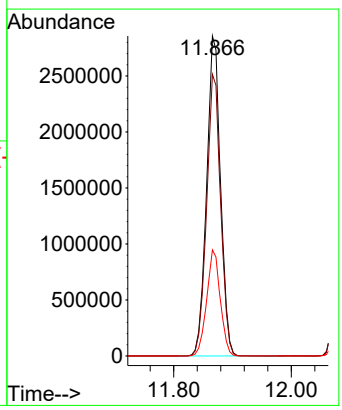


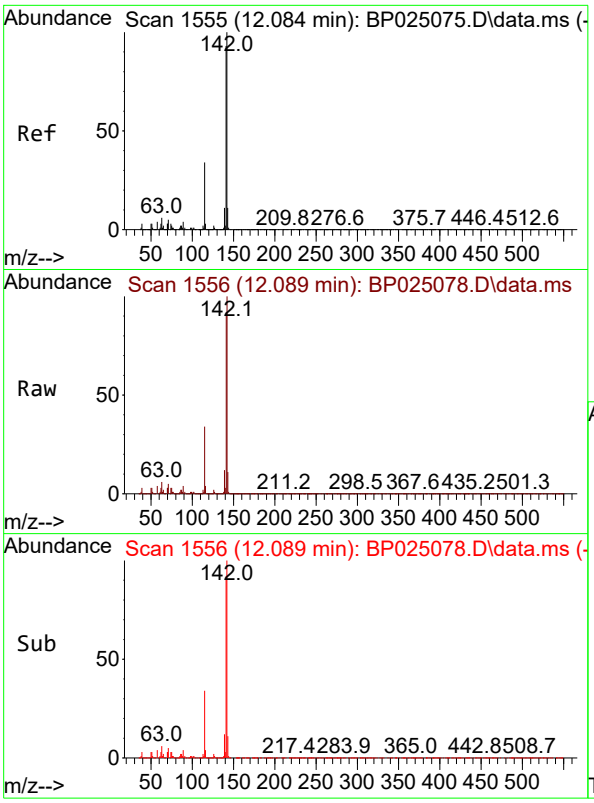


#37
2-Methylnaphthalene
Concen: 77.683 ng
RT: 11.866 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:142 Resp: 4691171

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.2	106.8
115	33.1	25.9	38.9



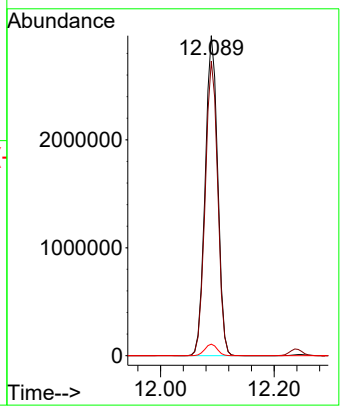


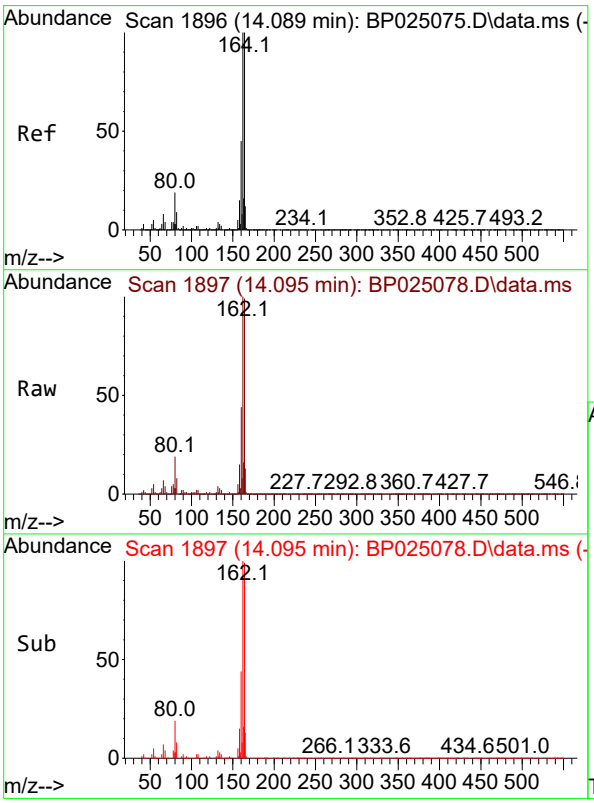
#38
1-Methylnaphthalene
Concen: 76.564 ng
RT: 12.089 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 4509252

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.1	111.1
116	3.6	2.7	4.1

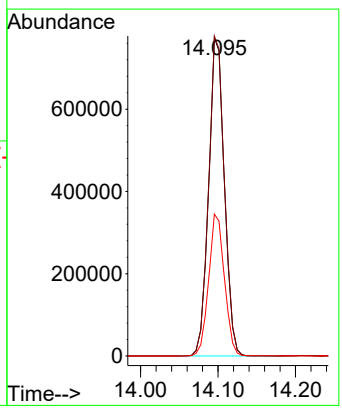


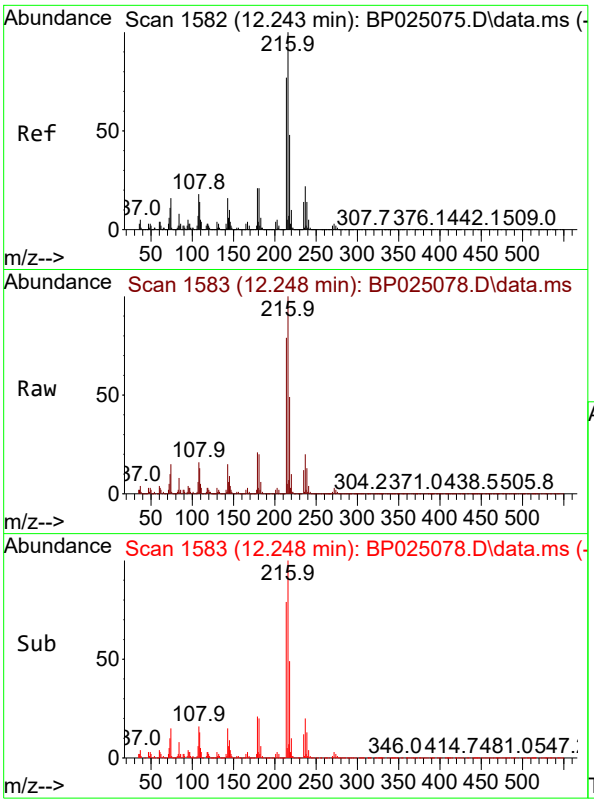


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:164 Resp: 1084696

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.3	120.5
160	44.6	35.9	53.9



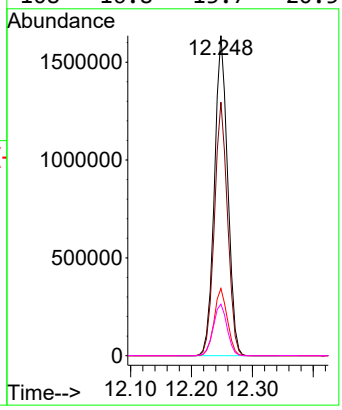


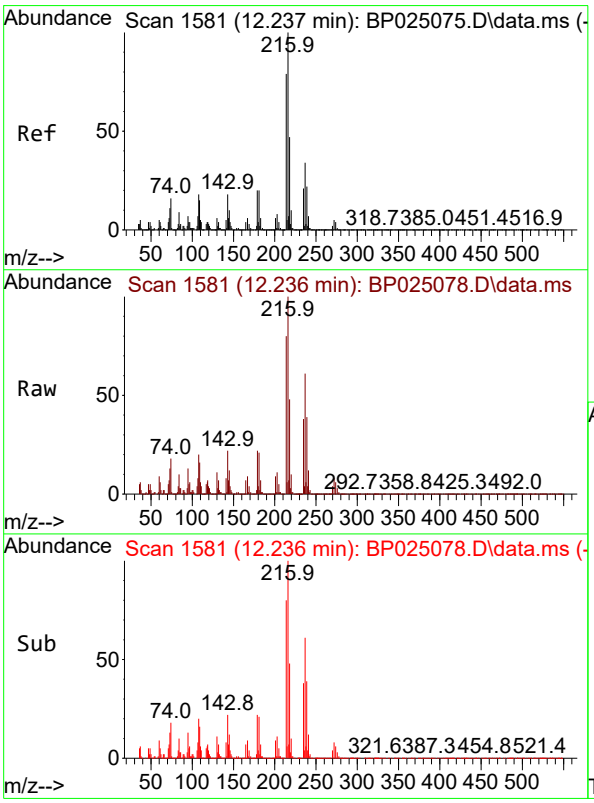
#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.996 ng
RT: 12.248 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:216 Resp: 2462639

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.4	93.6
179	20.9	16.5	24.7
108	16.8	13.7	20.5

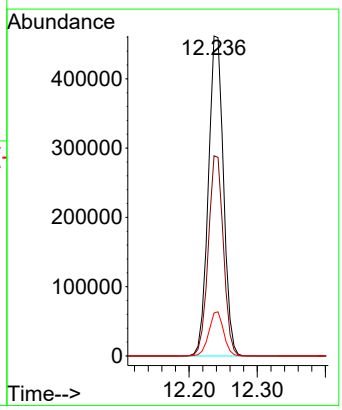


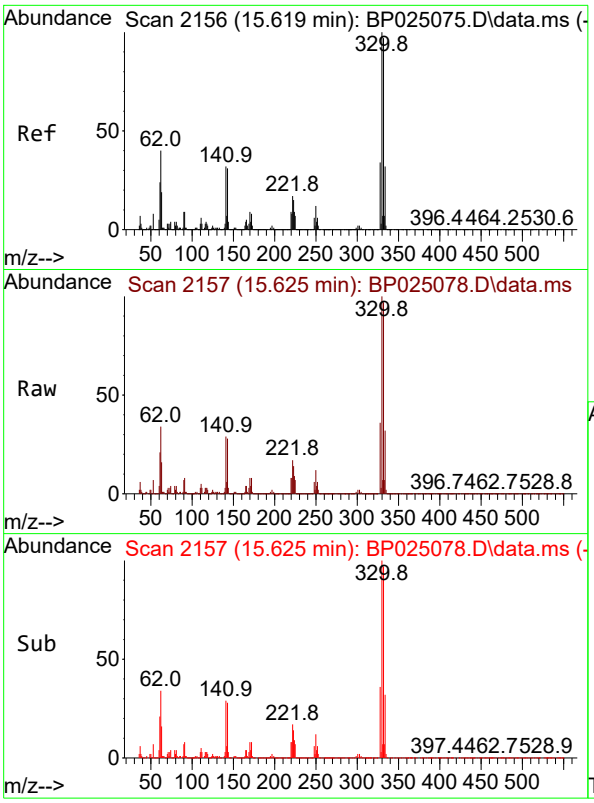


#41
Hexachlorocyclopentadiene
Concen: 87.336 ng
RT: 12.236 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:237 Resp: 711159

Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.6	81.6
272	13.4	0.0	33.6



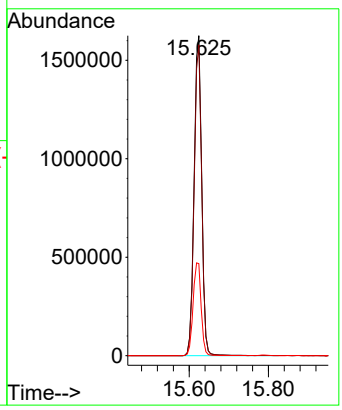


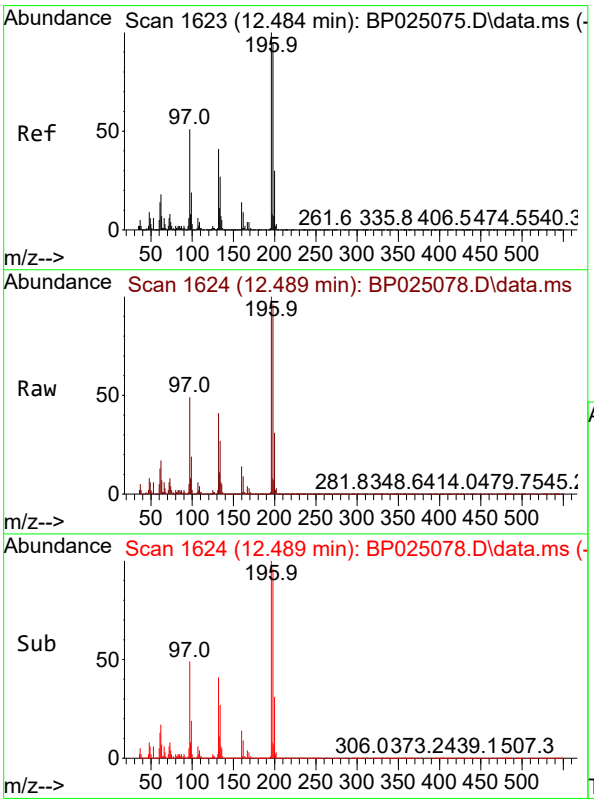
#42
2,4,6-Tribromophenol
Concen: 168.702 ng
RT: 15.625 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:330 Resp: 2161722

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	30.7	26.0	39.0

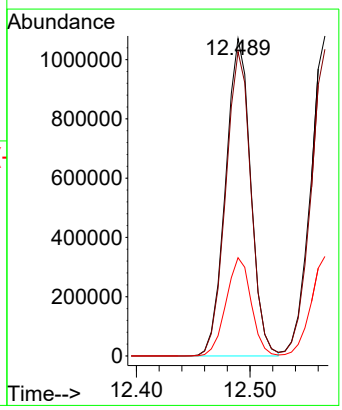


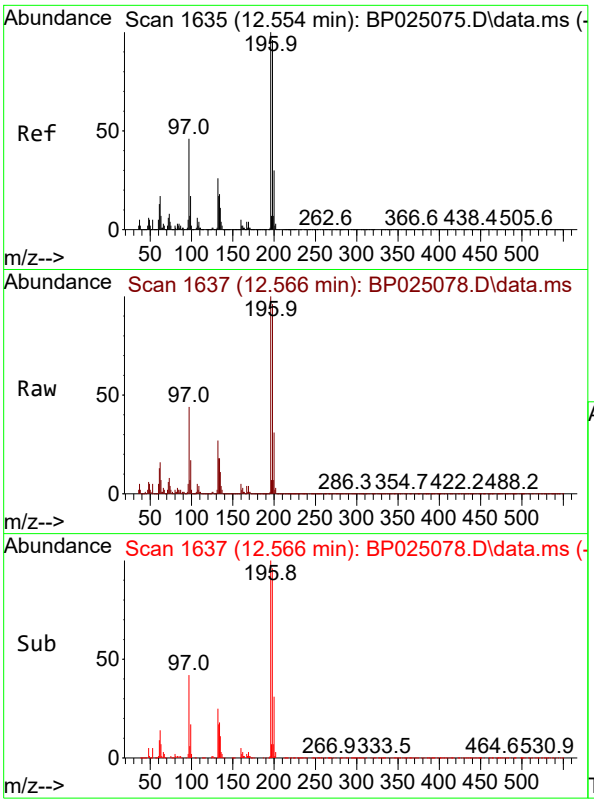


#43
2,4,6-Trichlorophenol
Concen: 87.227 ng
RT: 12.489 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:196 Resp: 1646539

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
200	31.0	24.3	36.5



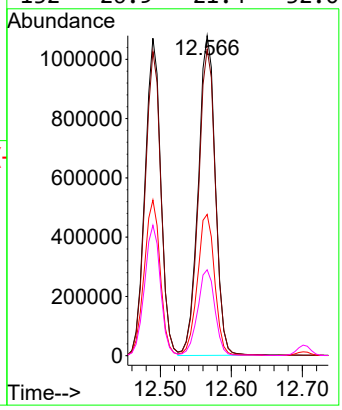


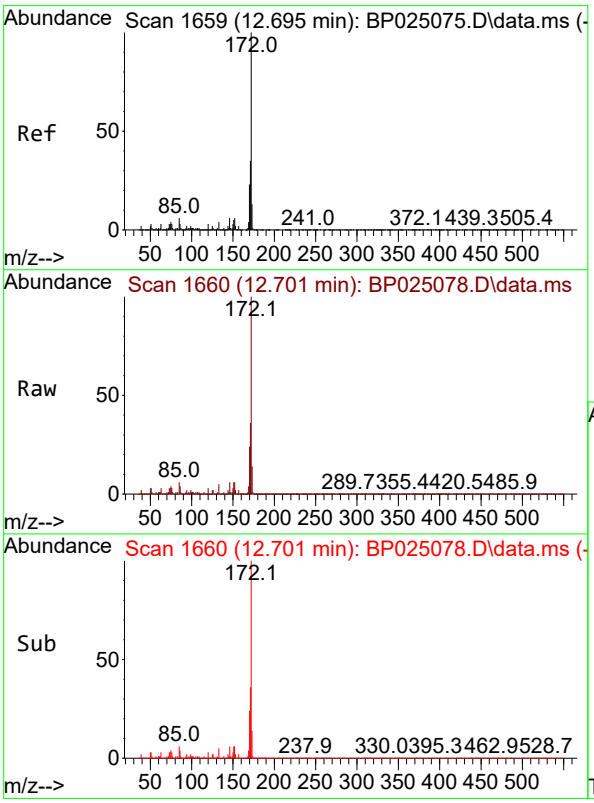
#44
2,4,5-Trichlorophenol
Concen: 84.432 ng
RT: 12.566 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1806219

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
97	44.1	36.6	55.0
132	26.9	21.4	32.0

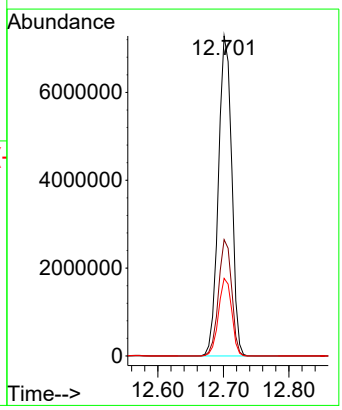


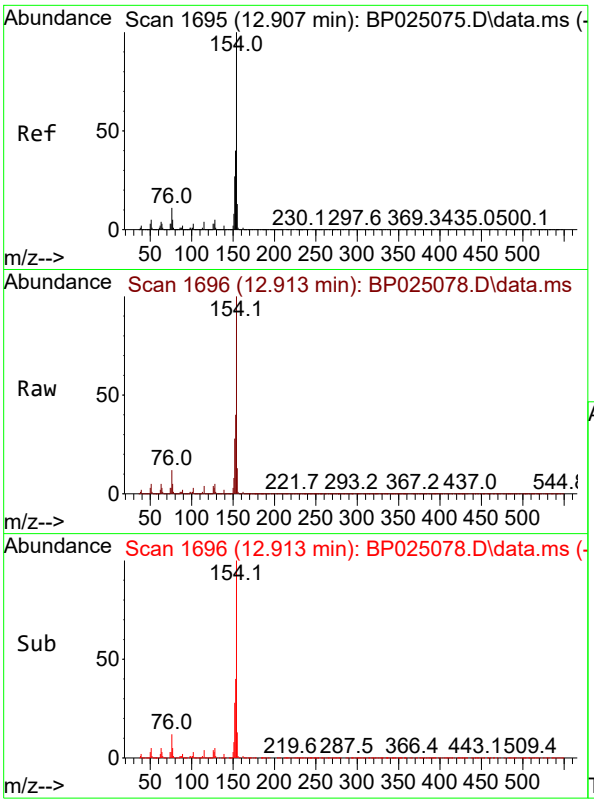


#45
2-Fluorobiphenyl
Concen: 145.859 ng
RT: 12.701 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:172 Resp:10212772

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.2
170	24.2	18.7	28.1



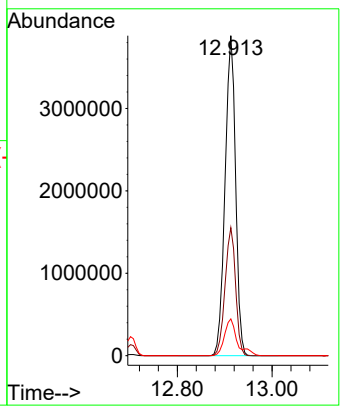


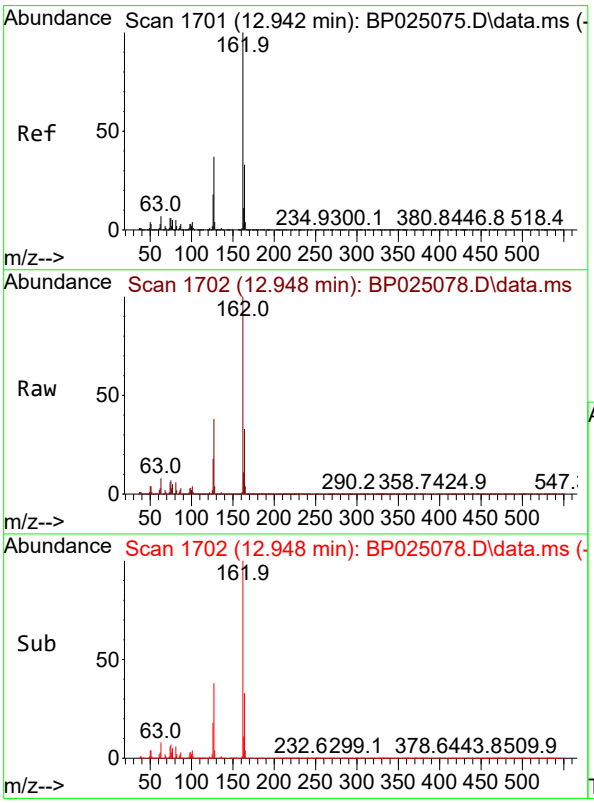
#46
1,1'-Biphenyl
Concen: 75.863 ng
RT: 12.913 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 5987203

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	11.5	0.0	31.5

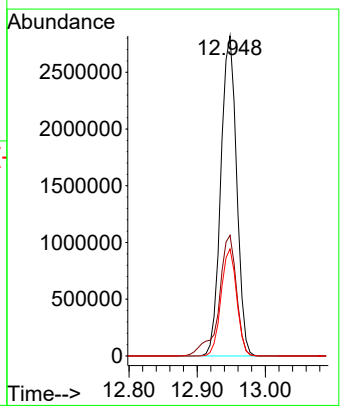


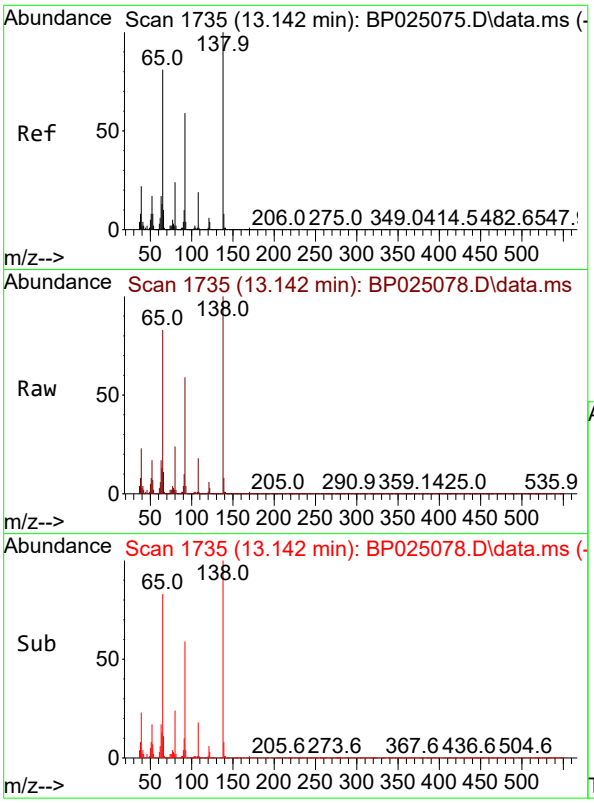


#47
2-Chloronaphthalene
Concen: 76.620 ng
RT: 12.948 min Scan# 1702
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:162 Resp: 4544953

Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.4	44.2
164	33.5	26.4	39.6



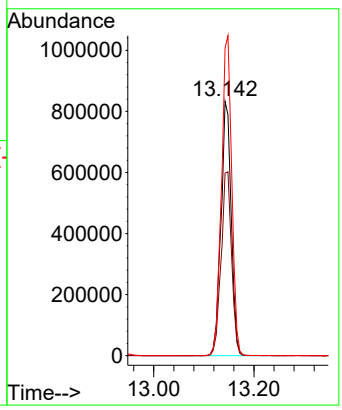


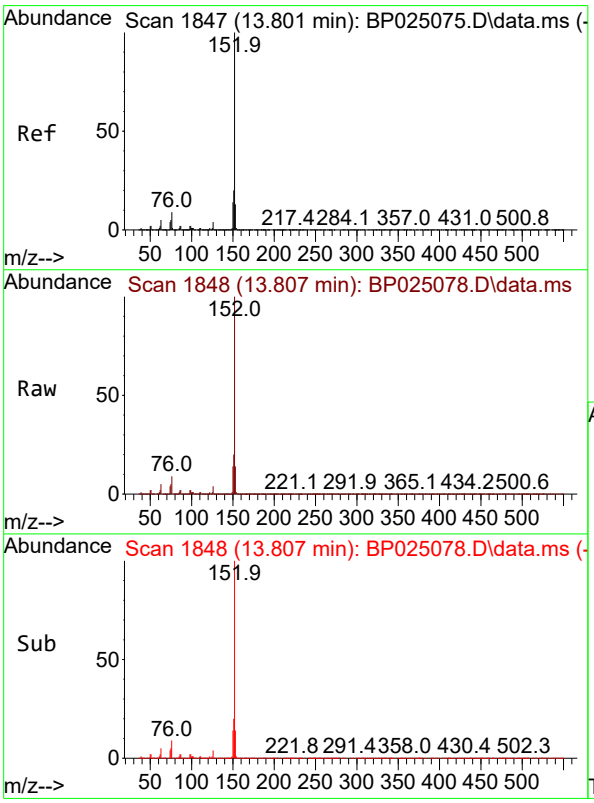
#48
2-Nitroaniline
Concen: 79.706 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 65 Resp: 1186338

Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.7	88.1
138	120.9	99.0	148.4

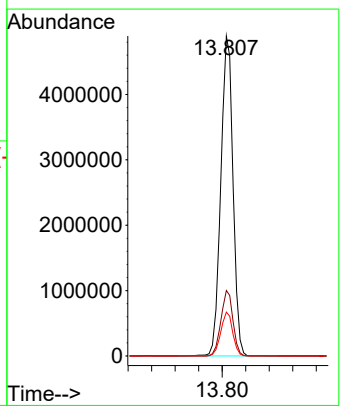


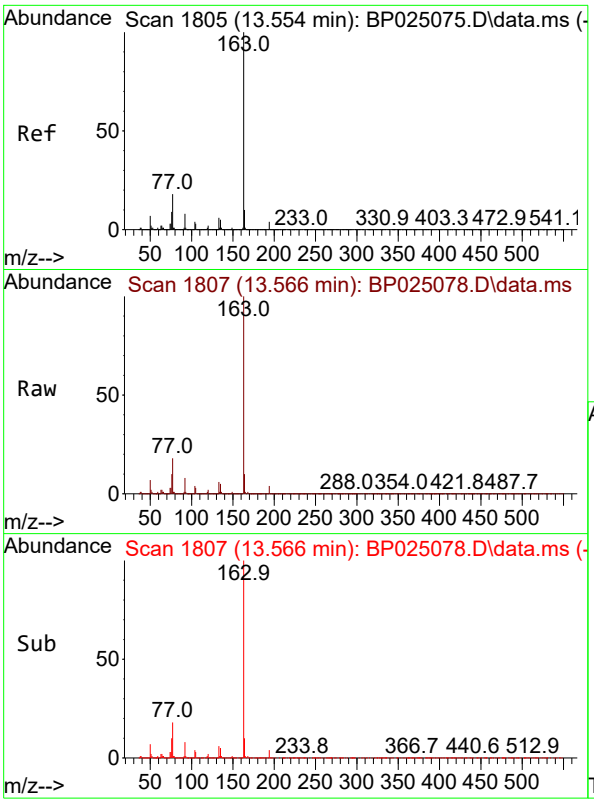


#49
Acenaphthylene
Concen: 77.402 ng
RT: 13.807 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:152 Resp: 7027119

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.7	10.7	16.1



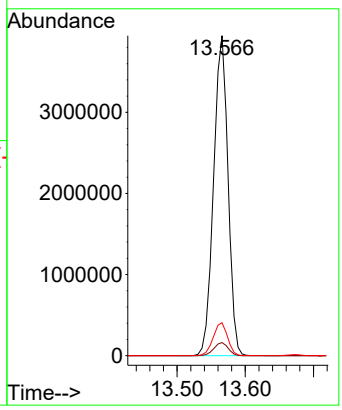


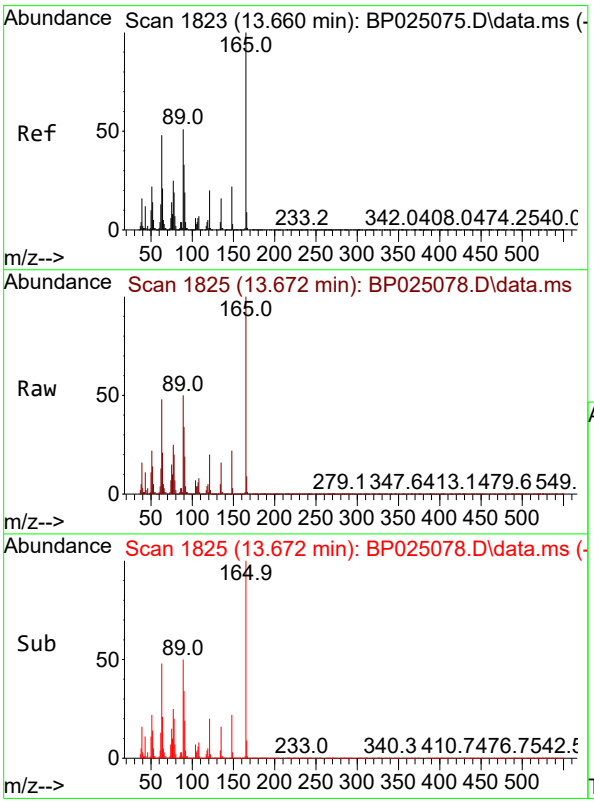
#50
Dimethylphthalate
Concen: 76.378 ng
RT: 13.566 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 5799322

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.0	12.0

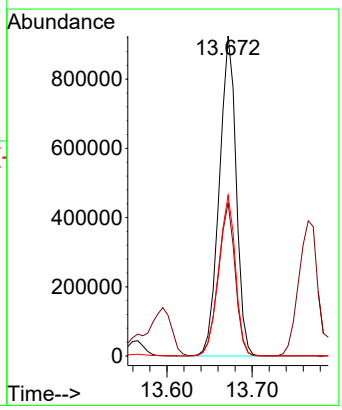


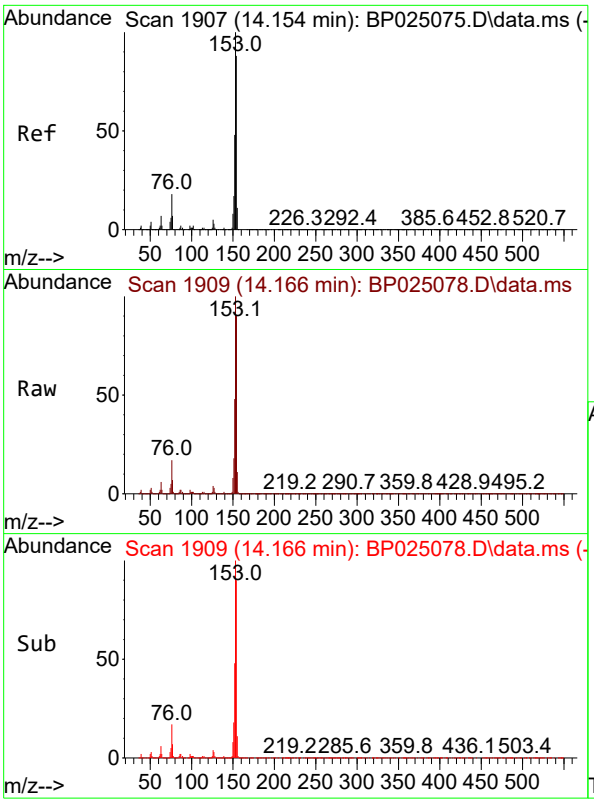


#51
2,6-Dinitrotoluene
Concen: 86.048 ng
RT: 13.672 min Scan# 1825
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:165 Resp: 1274236

Ion	Ratio	Lower	Upper
165	100		
63	47.8	38.5	57.7
89	50.2	40.6	61.0



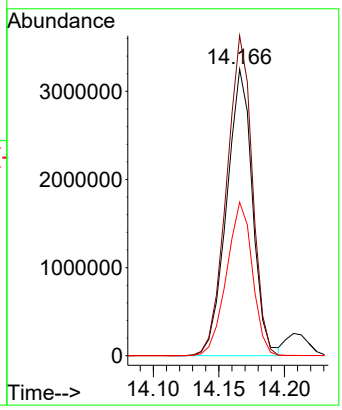


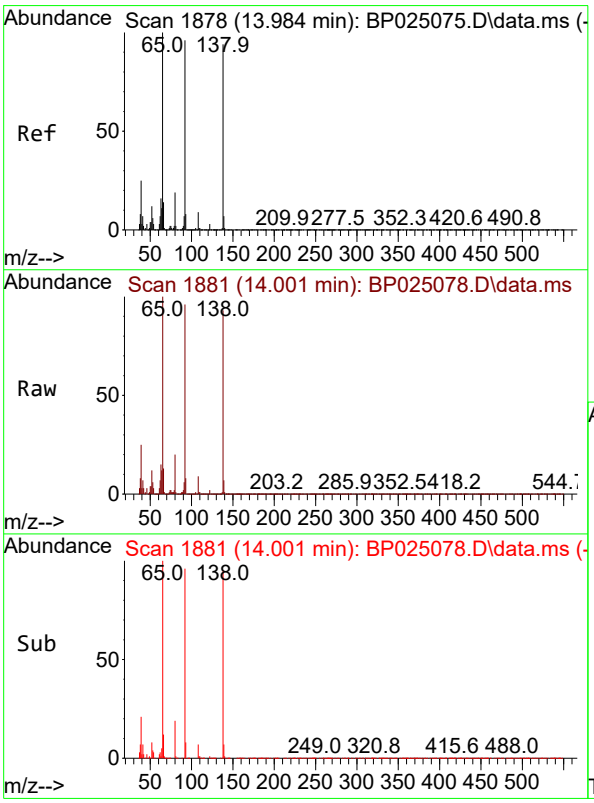
#52
Acenaphthene
Concen: 76.130 ng
RT: 14.166 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 4454631

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.6	136.0
152	53.6	43.8	65.8

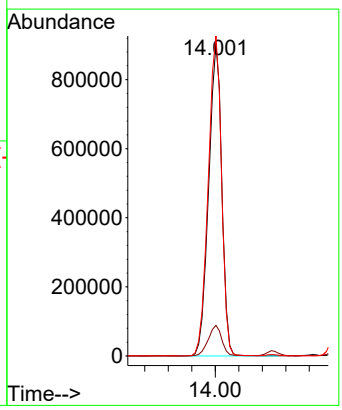


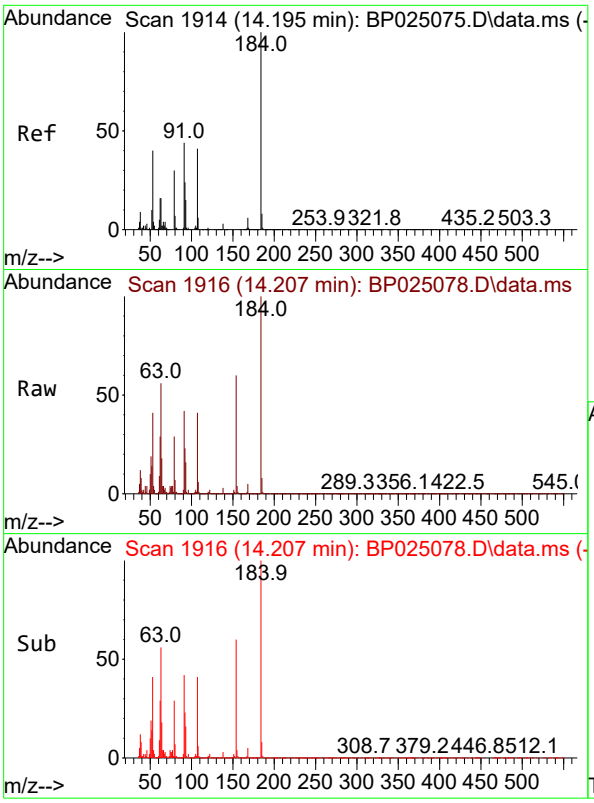


#53
3-Nitroaniline
Concen: 88.191 ng
RT: 14.001 min Scan# 1881
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:138 Resp: 1399587

Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.8
92	102.6	81.0	121.4



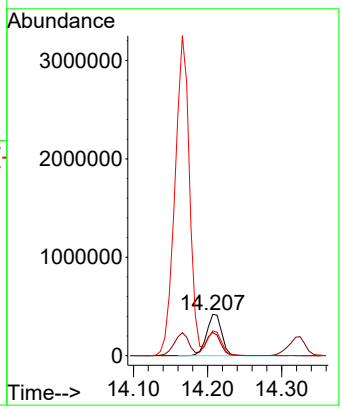


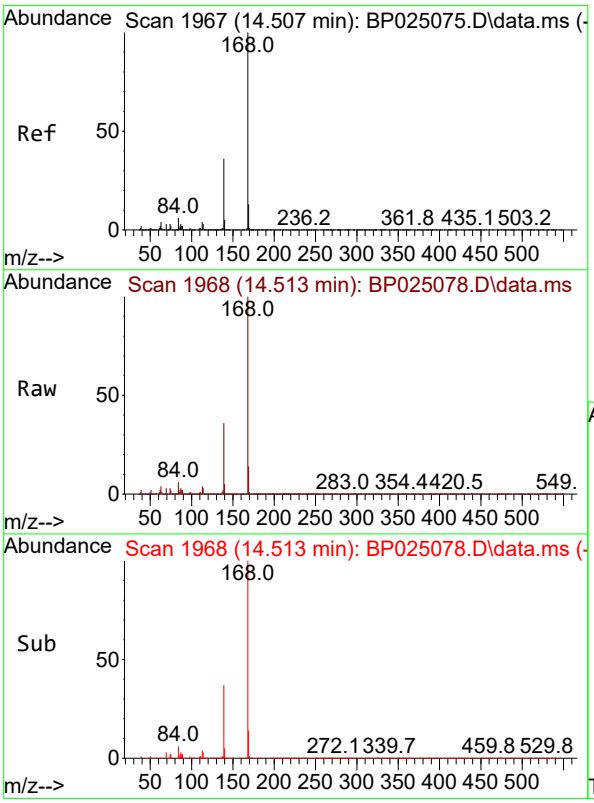
#54
2,4-Dinitrophenol
Concen: 81.781 ng
RT: 14.207 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 592801

Ion	Ratio	Lower	Upper
184	100		
63	56.4	47.4	71.0
154	60.2	47.8	71.8

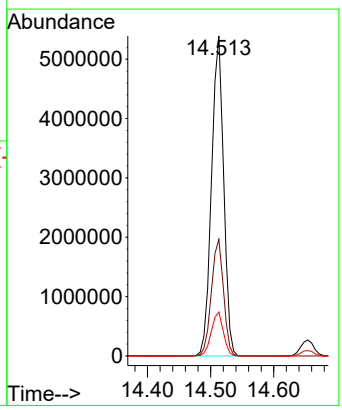


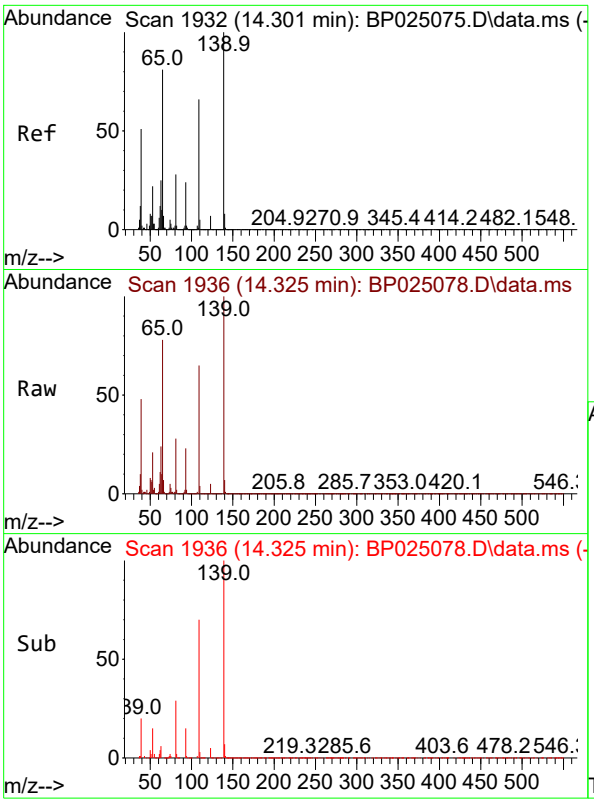


#55
Dibenzofuran
Concen: 74.338 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:168 Resp: 7178793

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.7	10.7	16.1



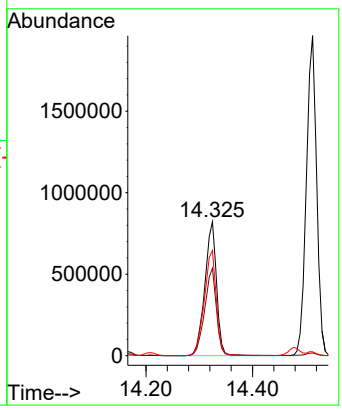


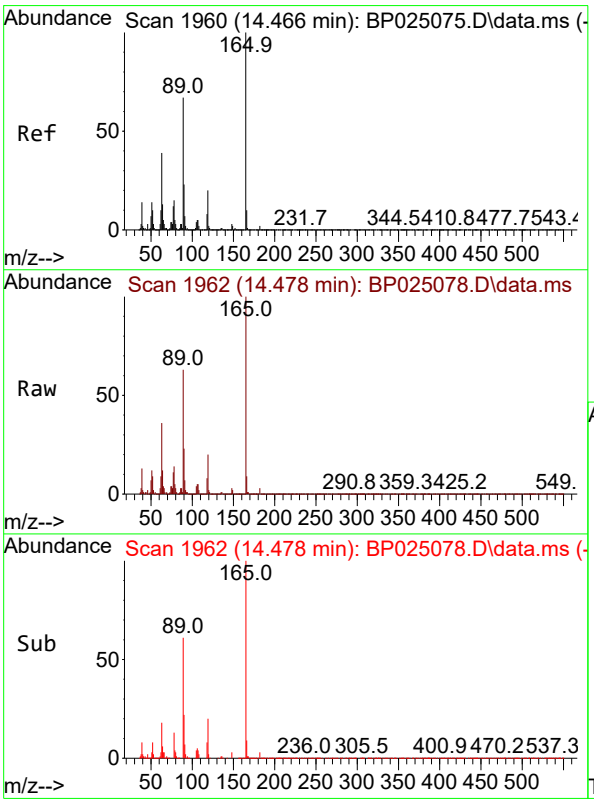
#56
4-Nitrophenol
Concen: 85.486 ng
RT: 14.325 min Scan# 1
Delta R.T. 0.023 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 1251984

Ion	Ratio	Lower	Upper
139	100		
109	65.3	45.9	85.9
65	78.5	61.4	101.4

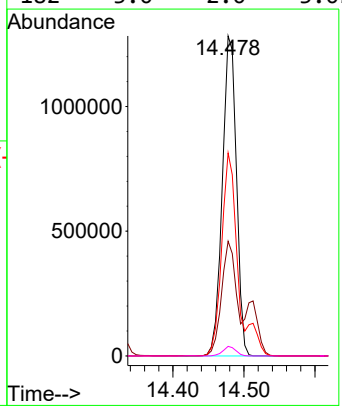


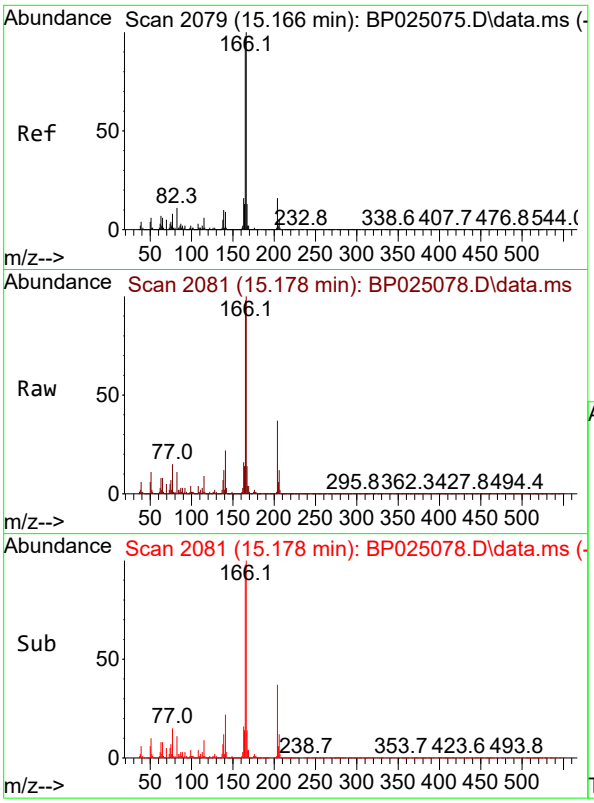


#57
2,4-Dinitrotoluene
Concen: 79.166 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:165 Resp: 1759928

Ion	Ratio	Lower	Upper
165	100		
63	35.9	31.0	46.4
89	63.4	53.4	80.0
182	3.0	2.0	3.0#



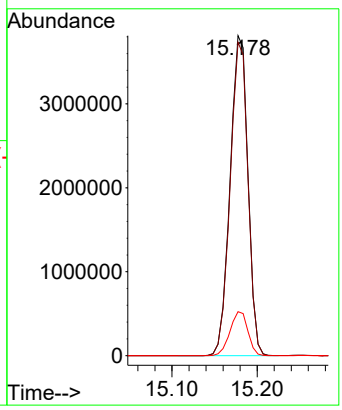


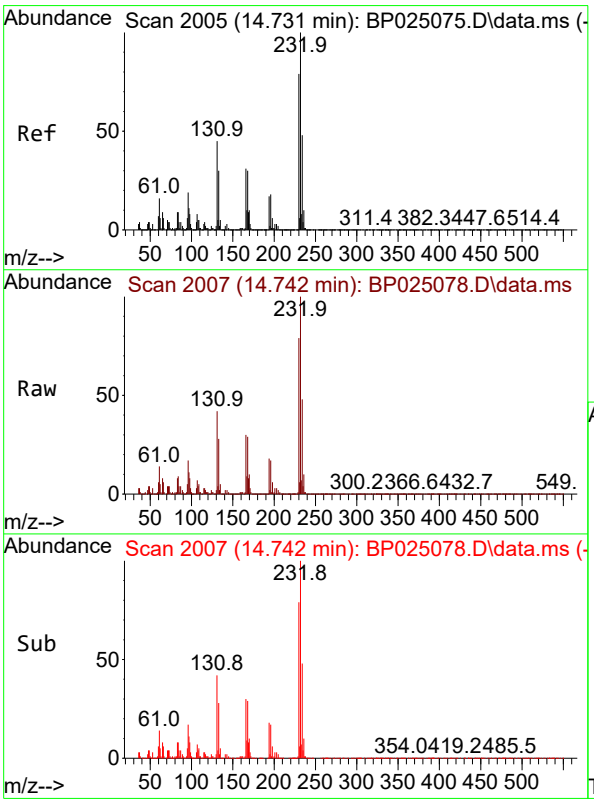
#58
Fluorene
Concen: 74.216 ng
RT: 15.178 min Scan# 2(
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:166 Resp: 5543506

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	13.8	10.7	16.1

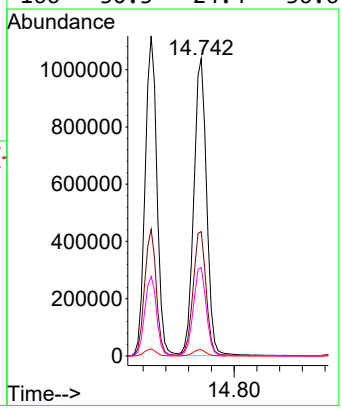


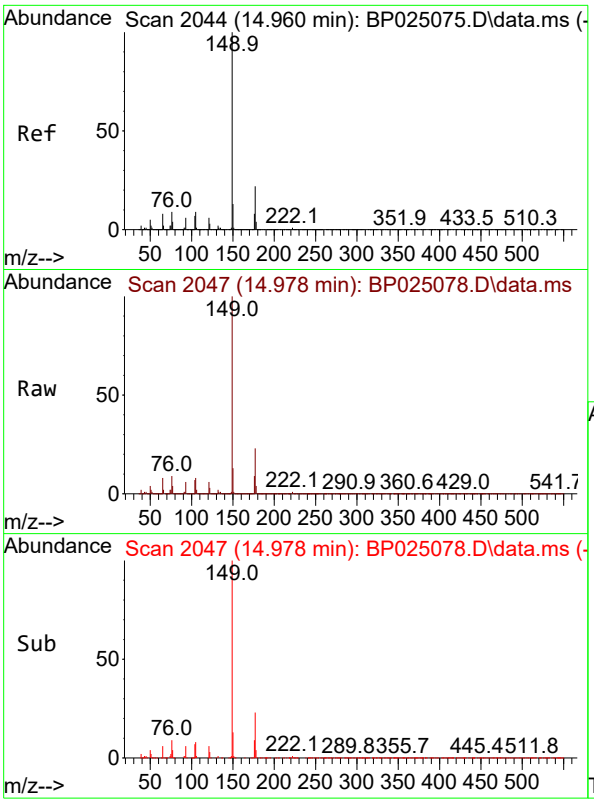


#59
2,3,4,6-Tetrachlorophenol
Concen: 84.370 ng
RT: 14.742 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:232 Resp: 1634442

Ion	Ratio	Lower	Upper
232	100		
131	42.5	35.7	53.5
130	2.1	1.8	2.6
166	30.3	24.4	36.6



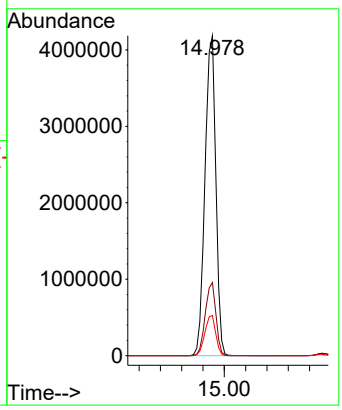


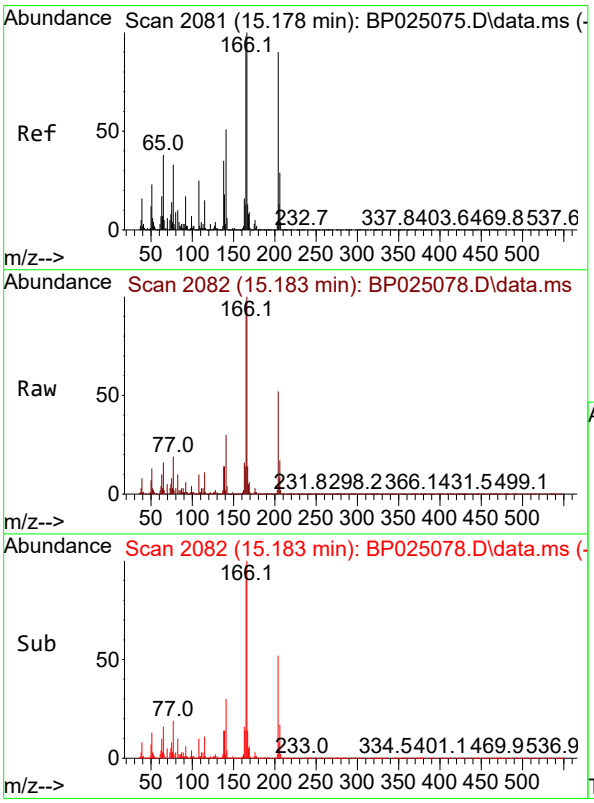
#60
Diethylphthalate
Concen: 77.254 ng
RT: 14.978 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 5891551

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.8
150	12.6	10.2	15.2

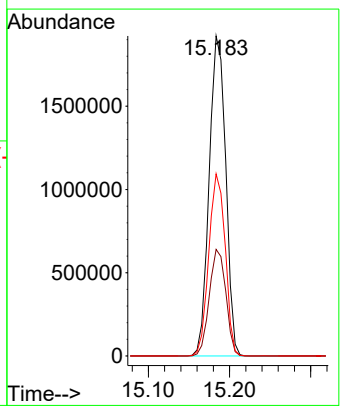


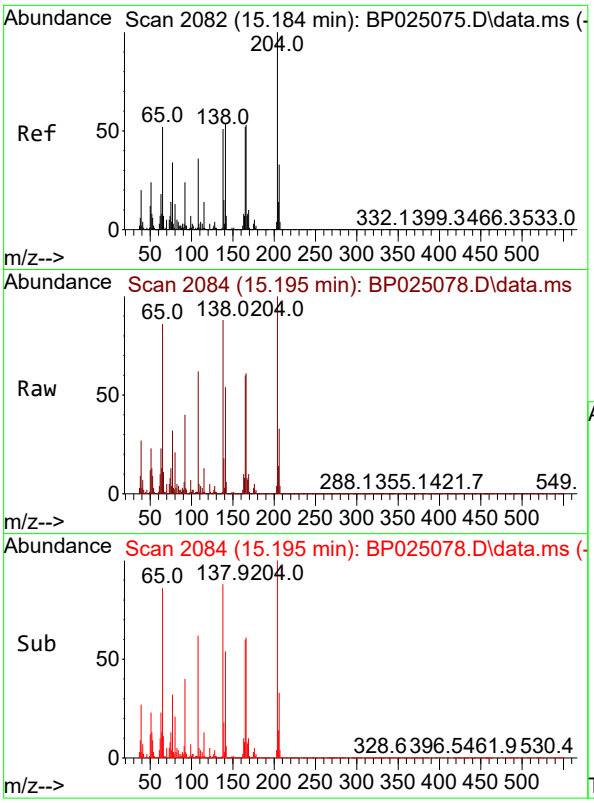


#61
4-Chlorophenyl-phenylether
Concen: 73.523 ng
RT: 15.183 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:204 Resp: 2717790

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	56.9	45.1	67.7



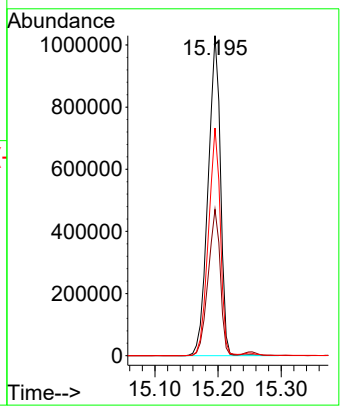


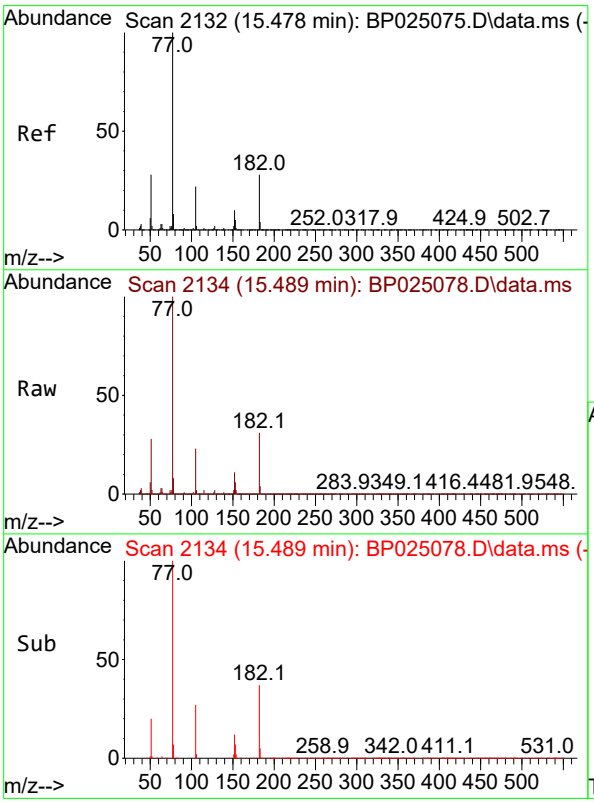
#62
4-Nitroaniline
Concen: 84.376 ng
RT: 15.195 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 1404085

Ion	Ratio	Lower	Upper
138	100		
92	45.7	26.0	66.0
108	71.1	50.0	90.0

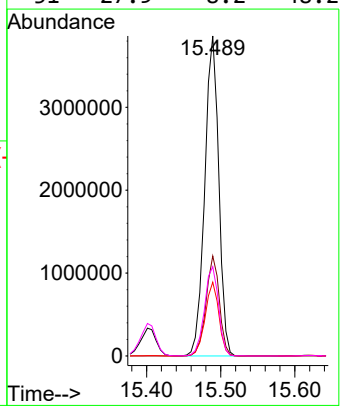


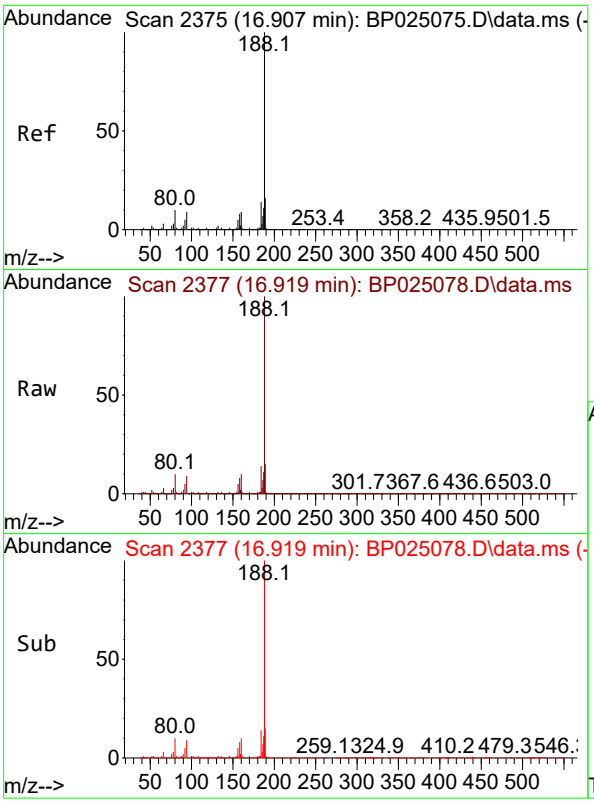


#63
Azobenzene
Concen: 74.798 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 77 Resp: 5079474

Ion	Ratio	Lower	Upper
77	100		
182	31.2	7.7	47.7
105	23.1	1.9	41.9
51	27.9	8.2	48.2



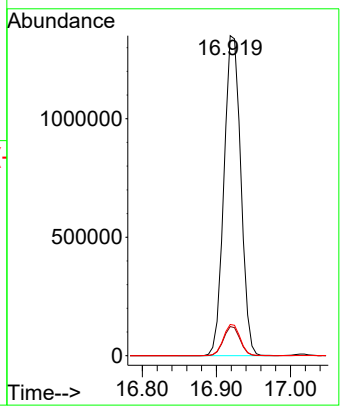


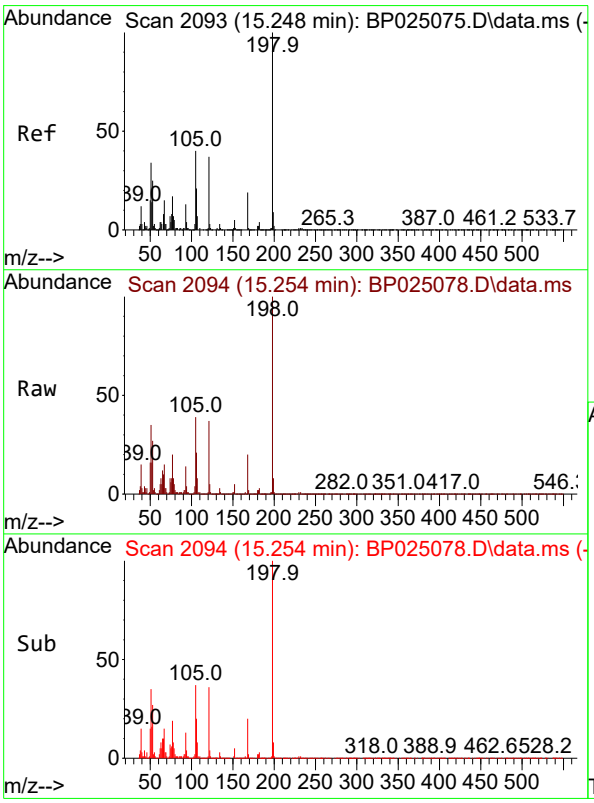
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:188 Resp: 2129464

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	9.8	7.8	11.6

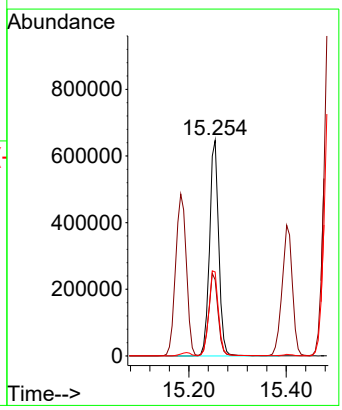


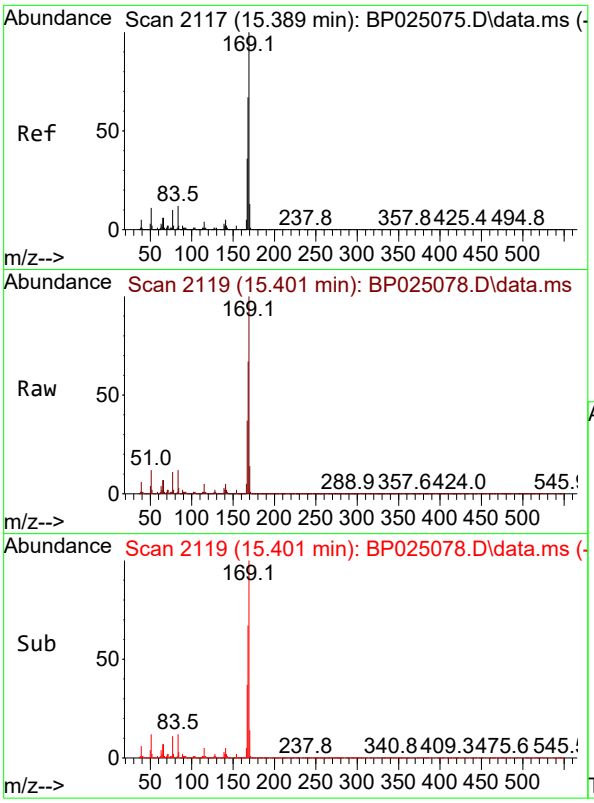


#65
4,6-Dinitro-2-methylphenol
Concen: 81.907 ng
RT: 15.254 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:198 Resp: 836918

Ion	Ratio	Lower	Upper
198	100		
51	35.3	16.8	56.8
105	39.0	20.8	60.8



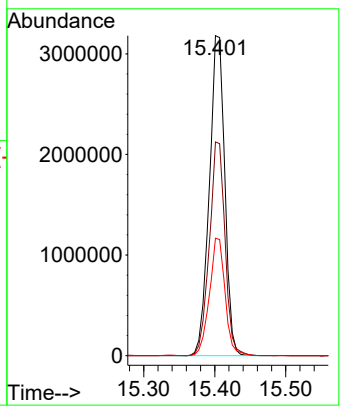


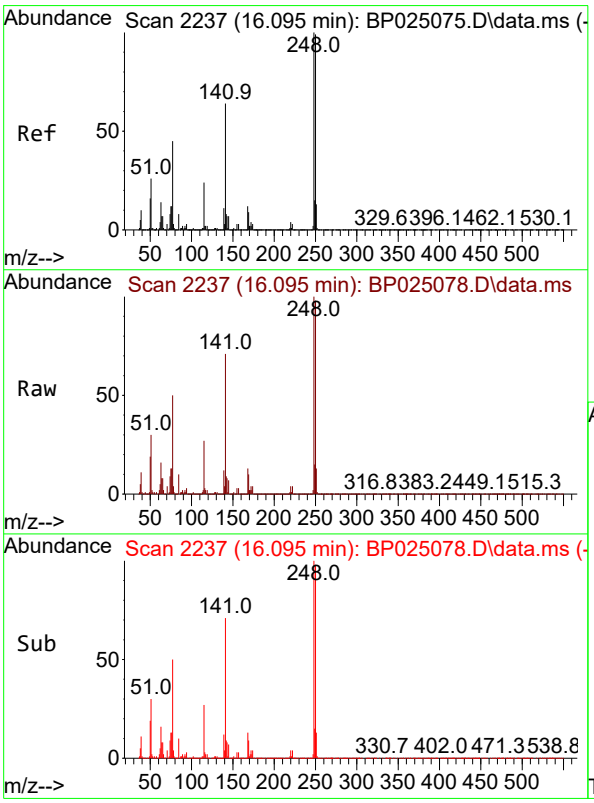
#66
n-Nitrosodiphenylamine
Concen: 79.024 ng
RT: 15.401 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:169 Resp: 4815876

Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	36.7	29.0	43.6

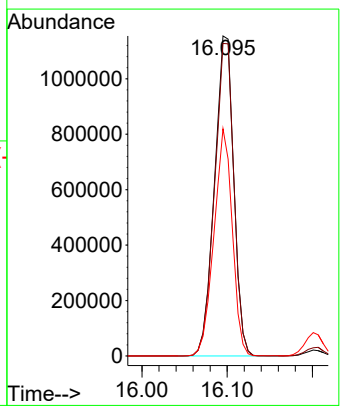


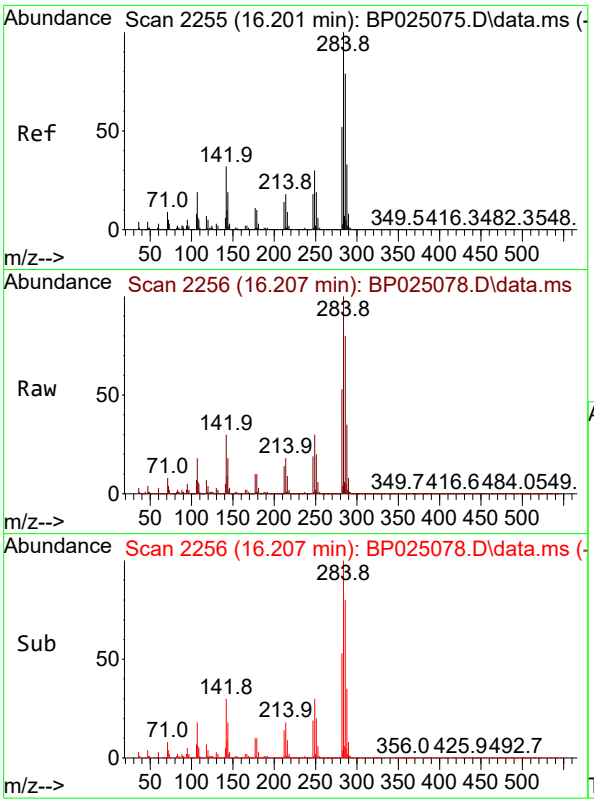


#67
4-Bromophenyl-phenylether
Concen: 83.140 ng
RT: 16.095 min Scan# 2237
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:248 Resp: 1812737

Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.4	119.2
141	71.0	51.4	77.0



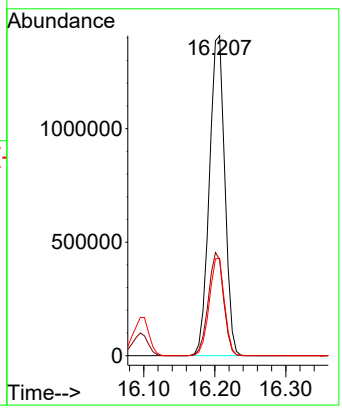


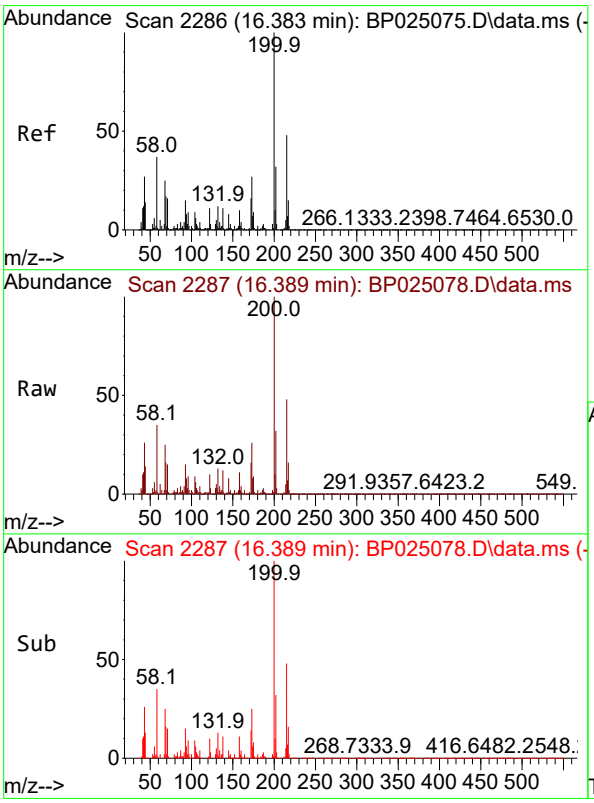
#68
Hexachlorobenzene
Concen: 79.660 ng
RT: 16.207 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 2122928

Ion	Ratio	Lower	Upper
284	100		
142	30.0	25.9	38.9
249	30.5	23.8	35.8

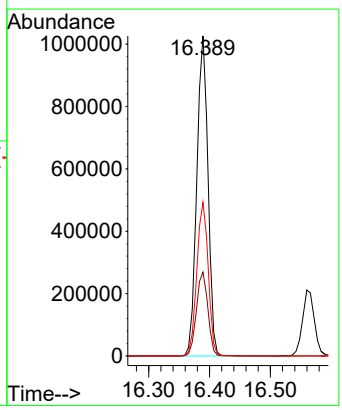


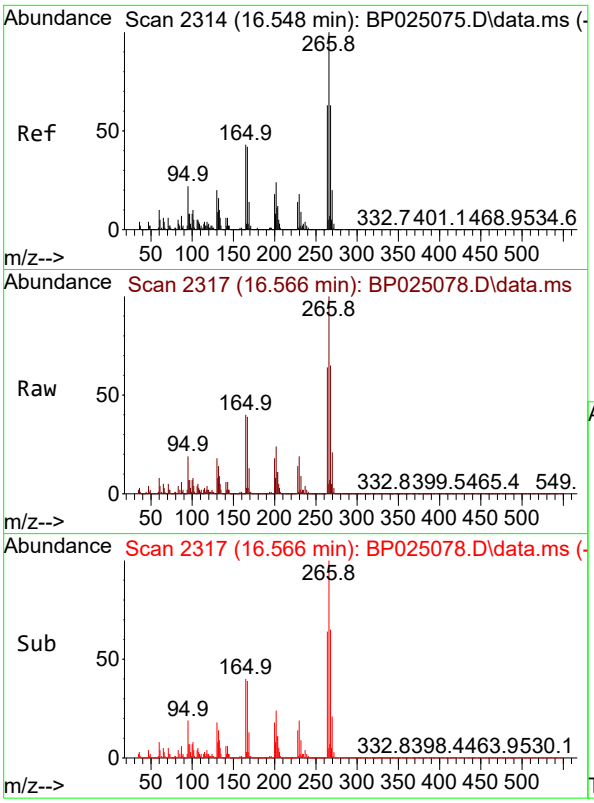


#69
Atrazine
Concen: 73.469 ng
RT: 16.389 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:200 Resp: 1312003

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	48.0	28.0	68.0



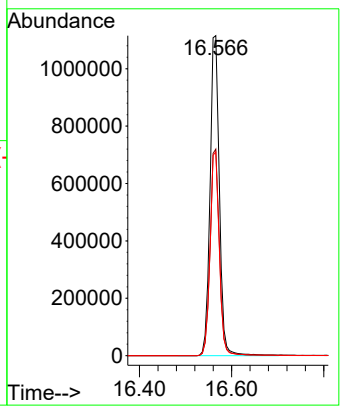


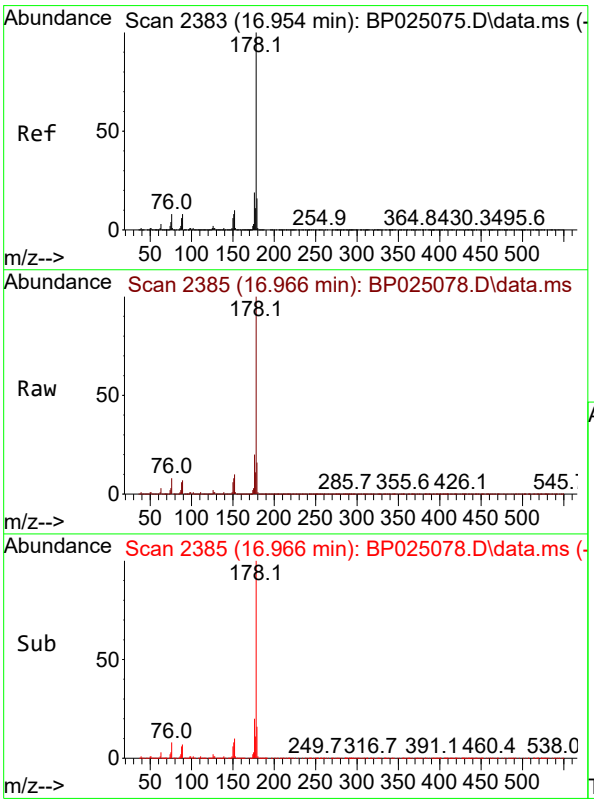
#70
Pentachlorophenol
Concen: 87.298 ng
RT: 16.566 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 1571184

Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.4	75.6
264	63.7	50.2	75.2

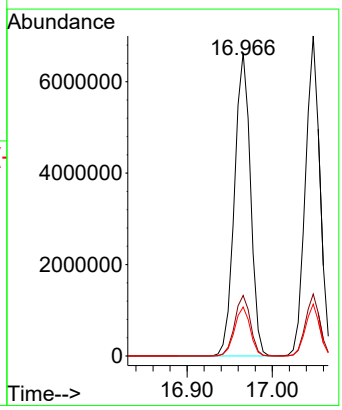


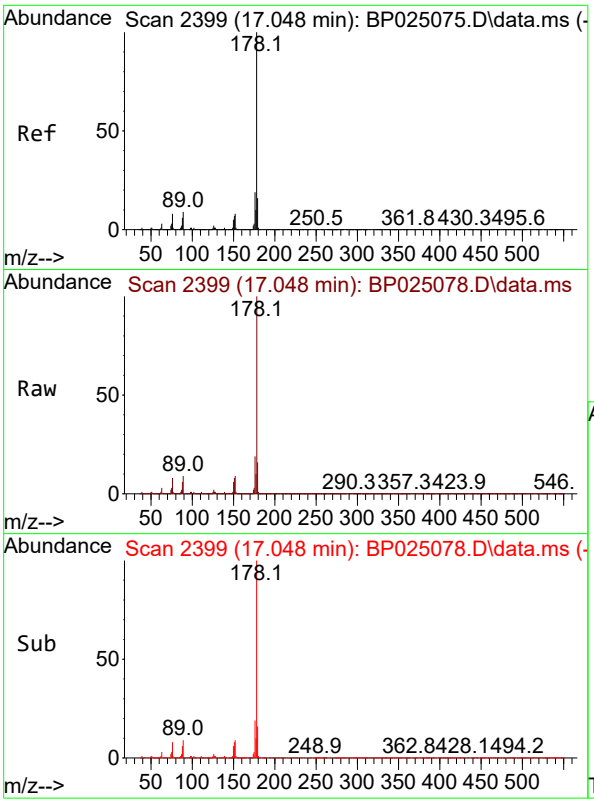


#71
Phenanthrene
Concen: 75.660 ng
RT: 16.966 min Scan# 2385
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:178 Resp: 8609082

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.2	12.6	19.0



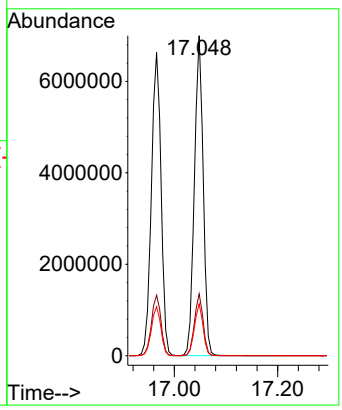


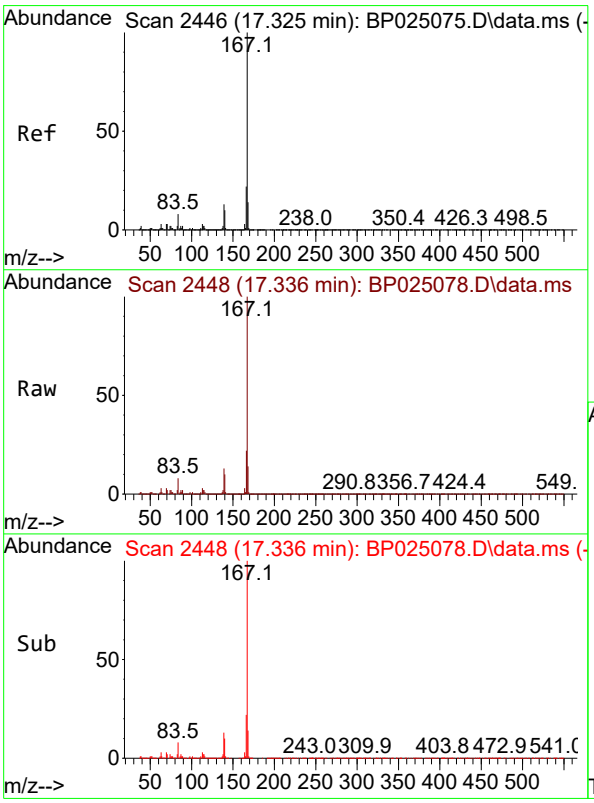
#72
Anthracene
Concen: 75.756 ng
RT: 17.048 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 8269798

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	16.2	12.5	18.7

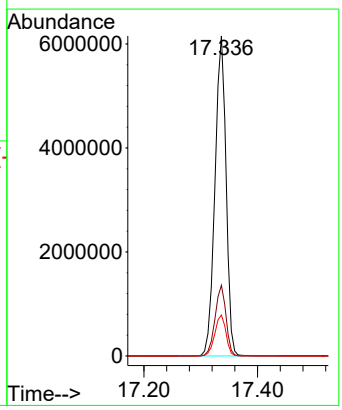


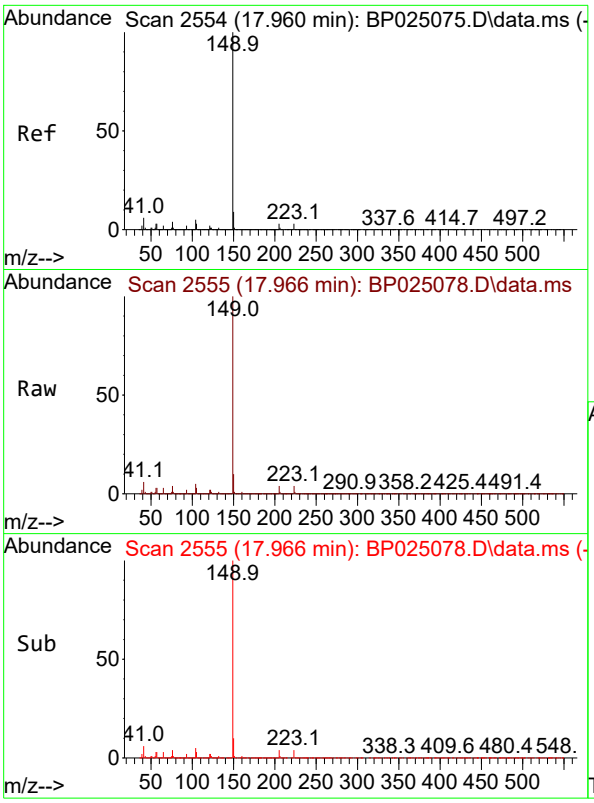


#73
Carbazole
Concen: 77.872 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:167 Resp: 8311609

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	12.8	10.4	15.6



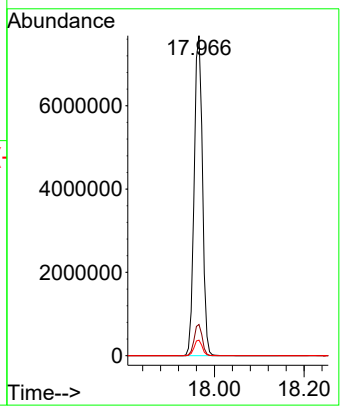


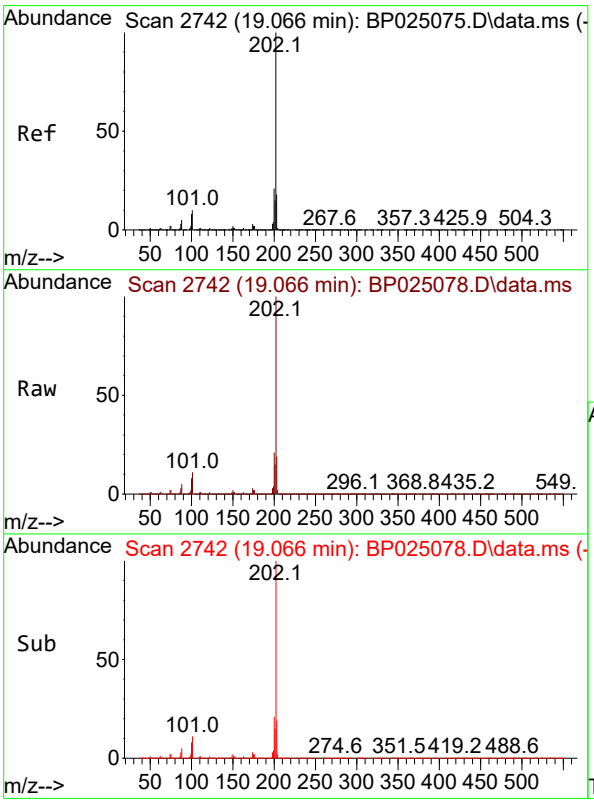
#74
Di-n-butylphthalate
Concen: 82.572 ng
RT: 17.966 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 9814307

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.3	10.9
104	4.8	3.8	5.6

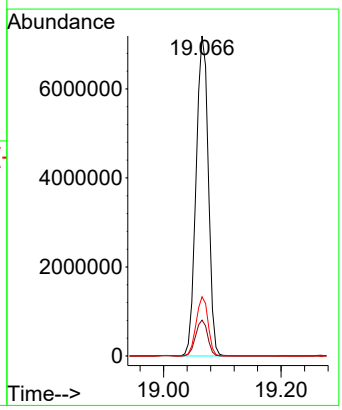


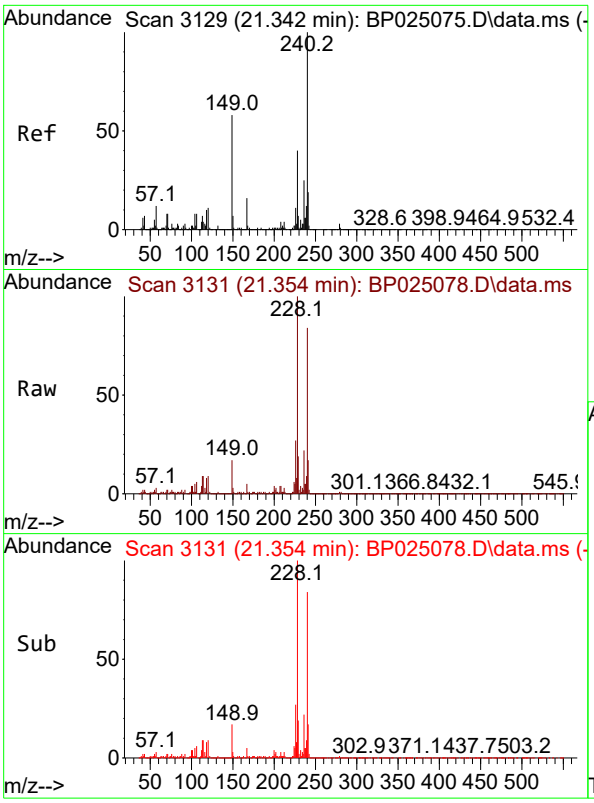


#75
Fluoranthene
Concen: 77.833 ng
RT: 19.066 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:202 Resp:10352176

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.4
203	18.5	0.0	37.6



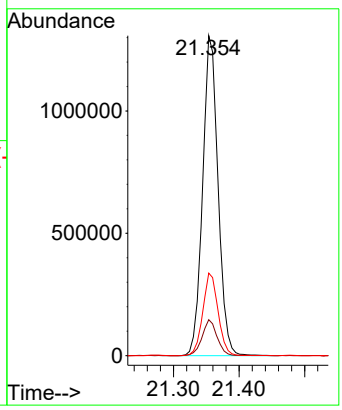


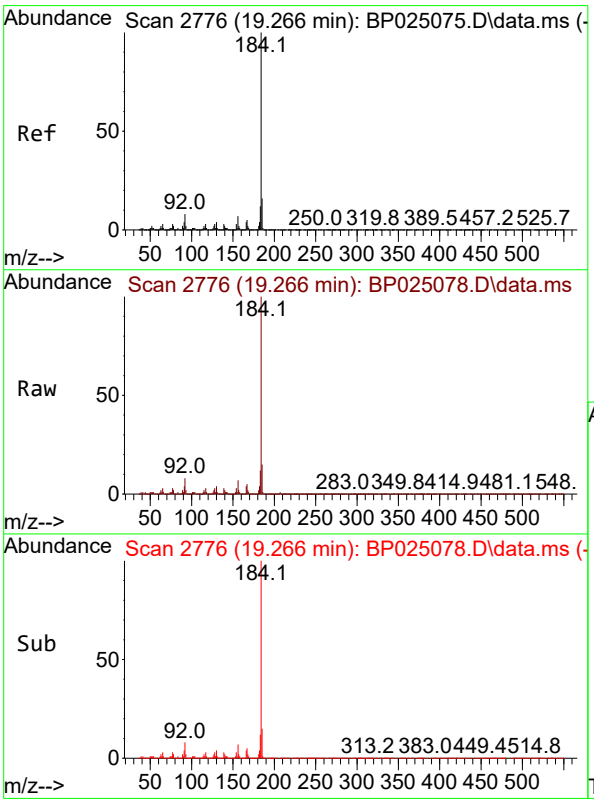
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 2139587

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.8	20.3	30.5

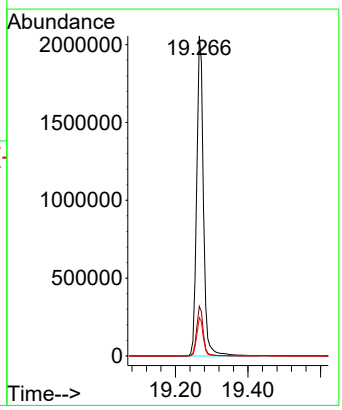


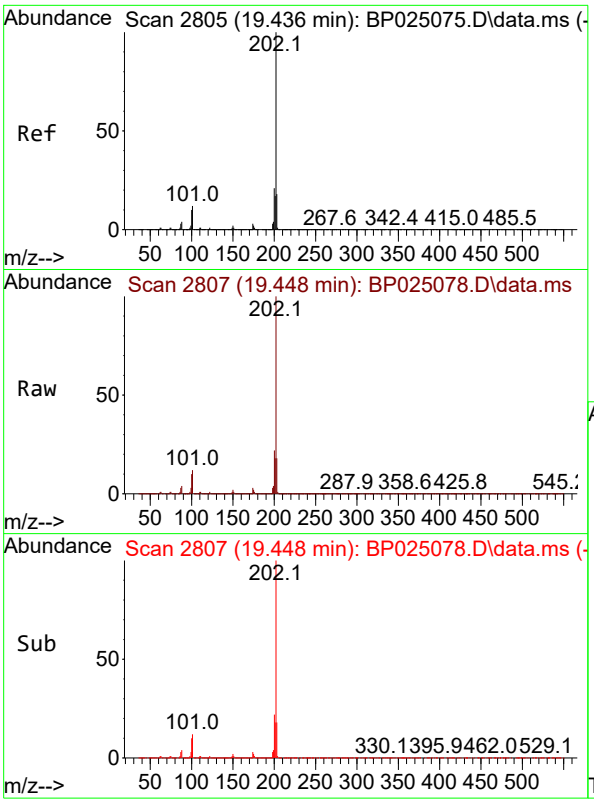


#77
Benzidine
Concen: 70.212 ng
RT: 19.266 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:184 Resp: 2653175

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	12.0	9.4	14.2



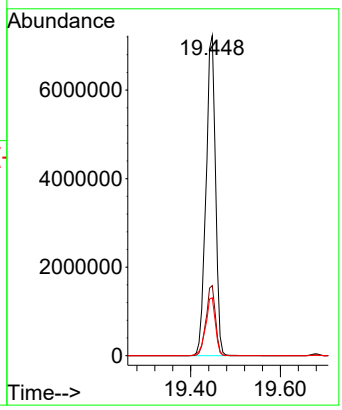


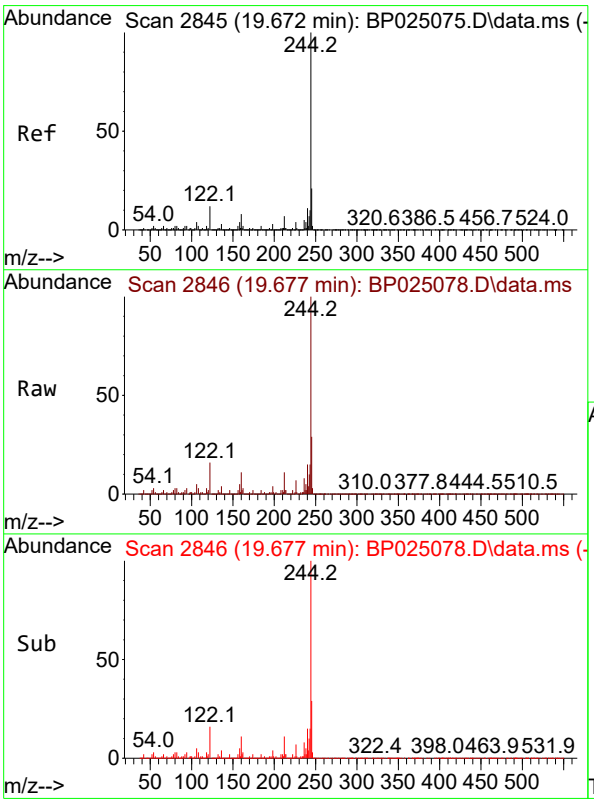
#78
Pyrene
Concen: 79.970 ng
RT: 19.448 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp:10597728

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.1	25.7
203	18.1	14.1	21.1

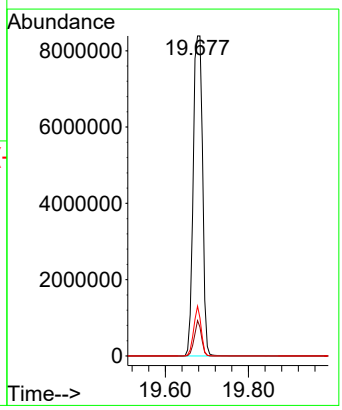


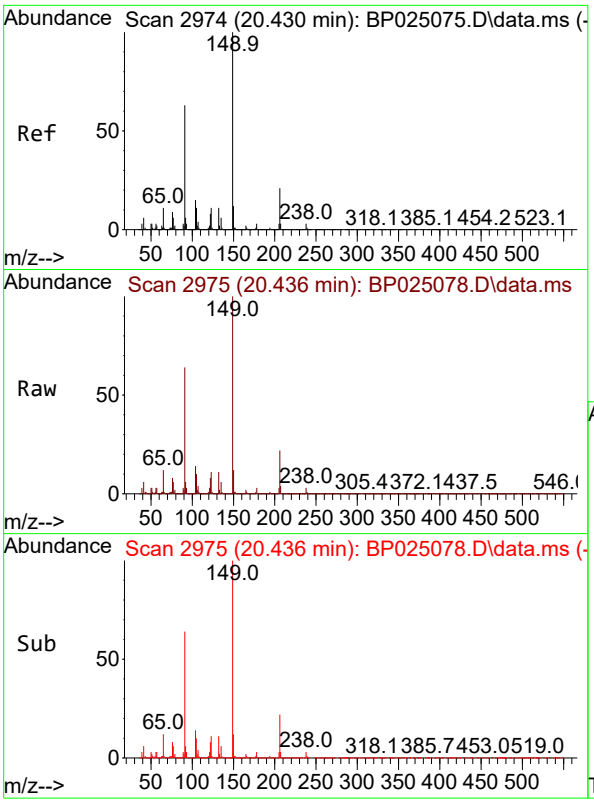


#79
Terphenyl-d14
Concen: 134.293 ng
RT: 19.677 min Scan# 2846
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:244 Resp:13073627

Ion	Ratio	Lower	Upper
244	100		
212	11.0	5.9	8.9#
122	15.6	9.4	14.2#



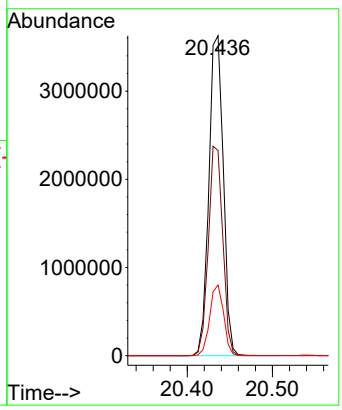


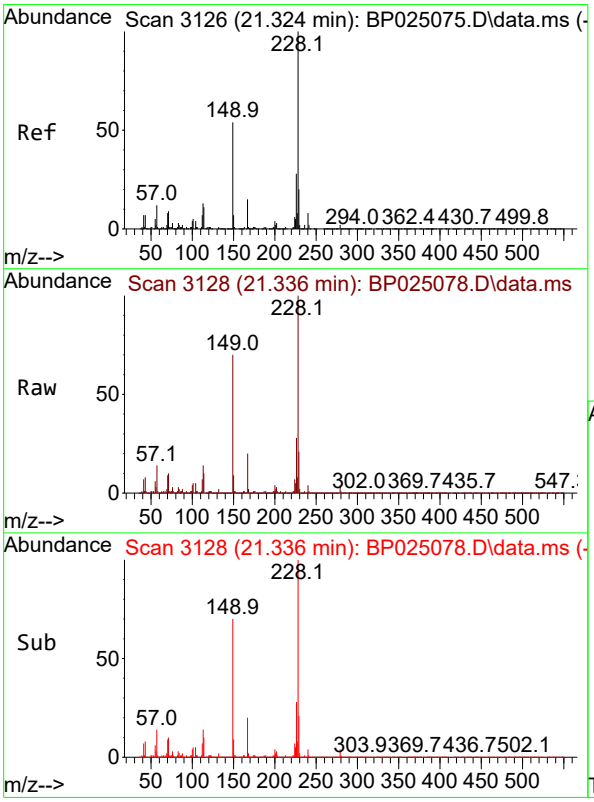
#80
Butylbenzylphthalate
Concen: 80.862 ng
RT: 20.436 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 4268020

Ion	Ratio	Lower	Upper
149	100		
91	64.1	50.6	76.0
206	22.1	17.2	25.8

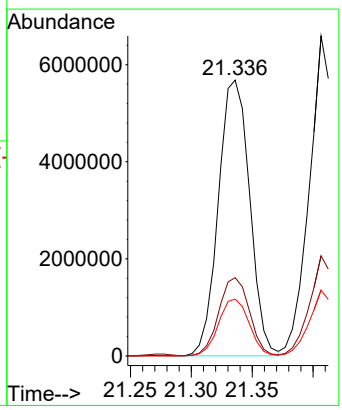


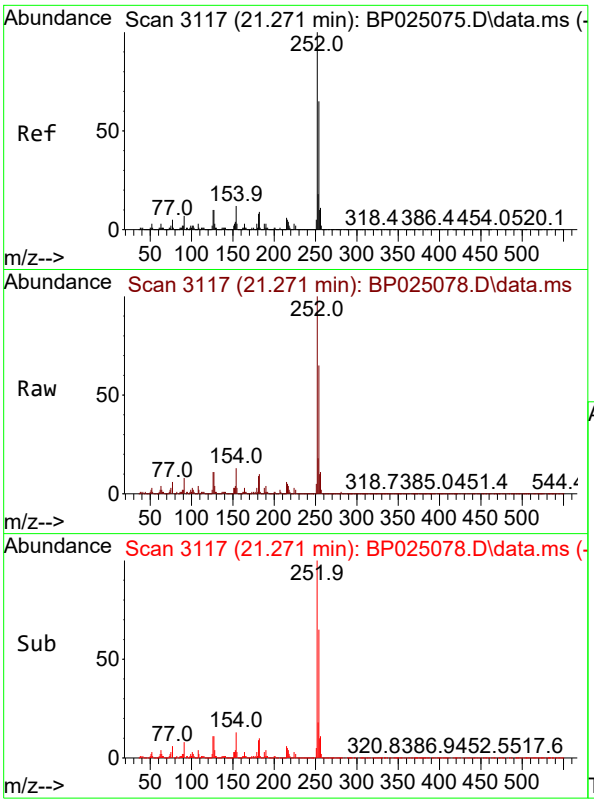


#81
Benzo(a)anthracene
Concen: 78.478 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:228 Resp:10175638

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	20.6	16.0	24.0



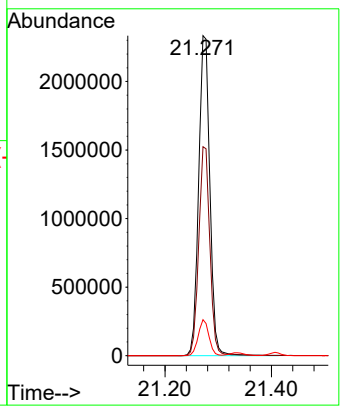


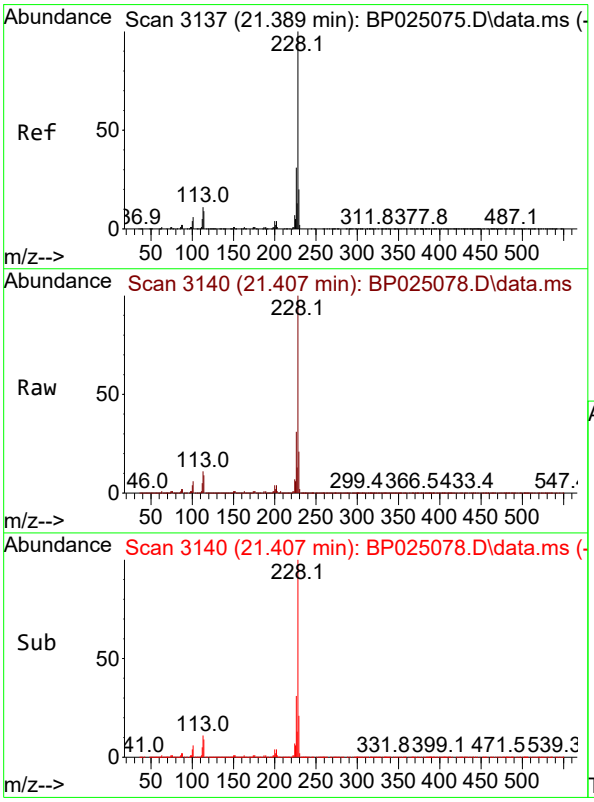
#82
3,3'-Dichlorobenzidine
Concen: 87.049 ng
RT: 21.271 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 3397776

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	11.3	8.1	12.1

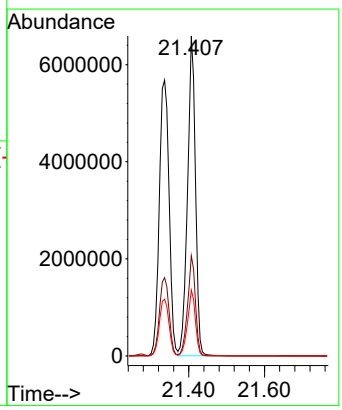


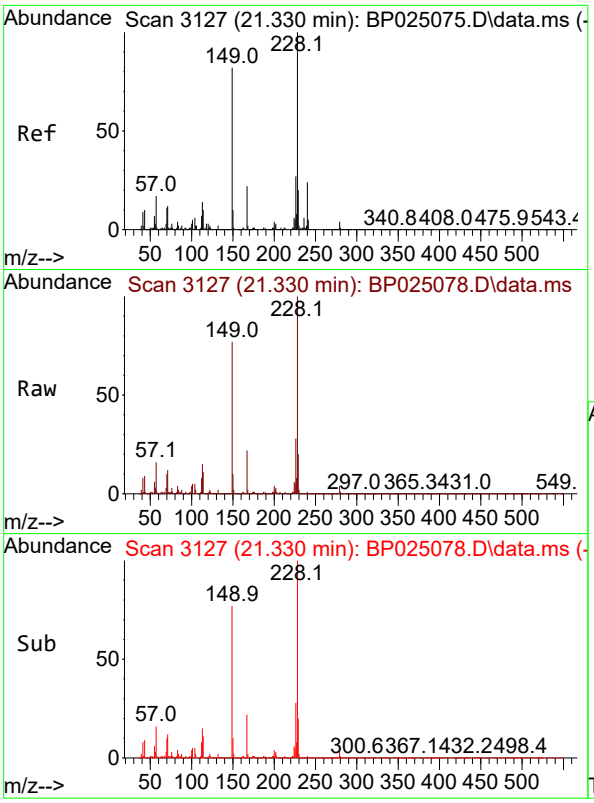


#83
Chrysene
Concen: 76.668 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:228 Resp: 9566614

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	20.6	16.0	24.0



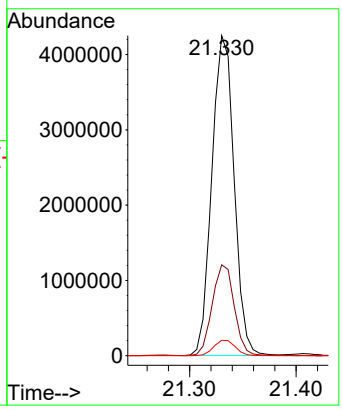


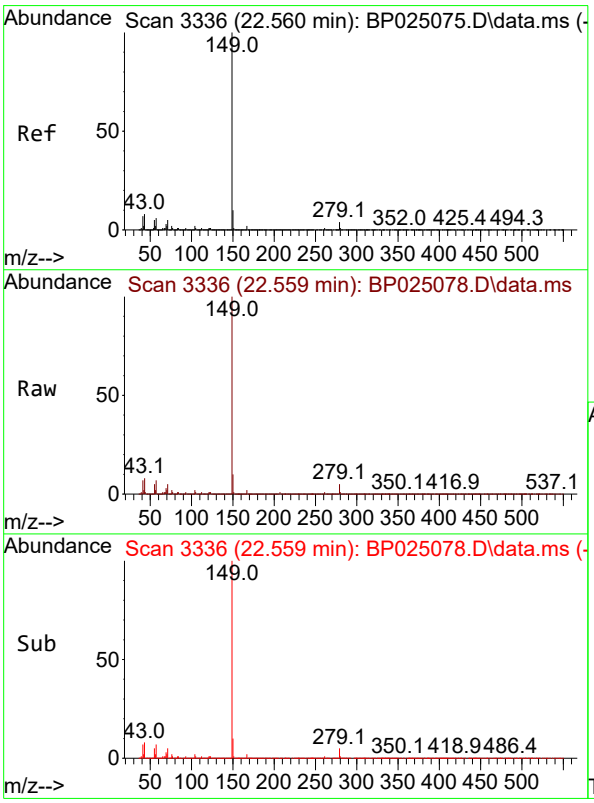
#84
Bis(2-ethylhexyl)phthalate
Concen: 88.574 ng
RT: 21.330 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 6160265

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.9	32.9
279	4.8	3.5	5.3

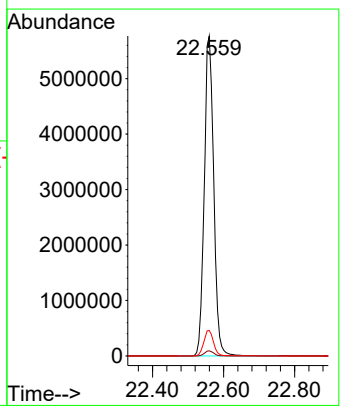


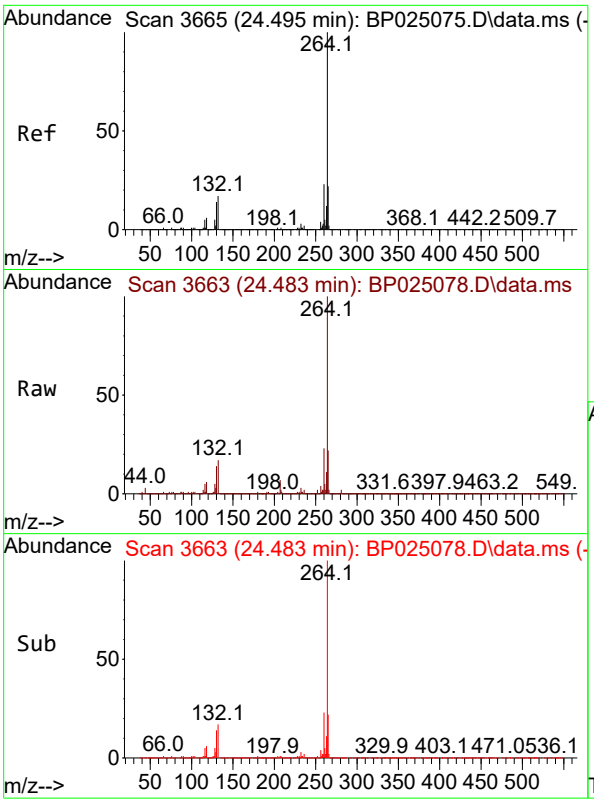


#85
Di-n-octyl phthalate
Concen: 79.212 ng
RT: 22.559 min Scan# 3336
Delta R.T. -0.001 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:149 Resp:10681173

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.9	10.3



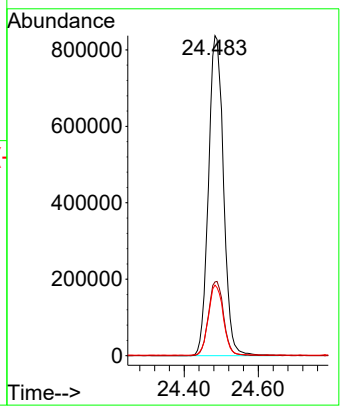


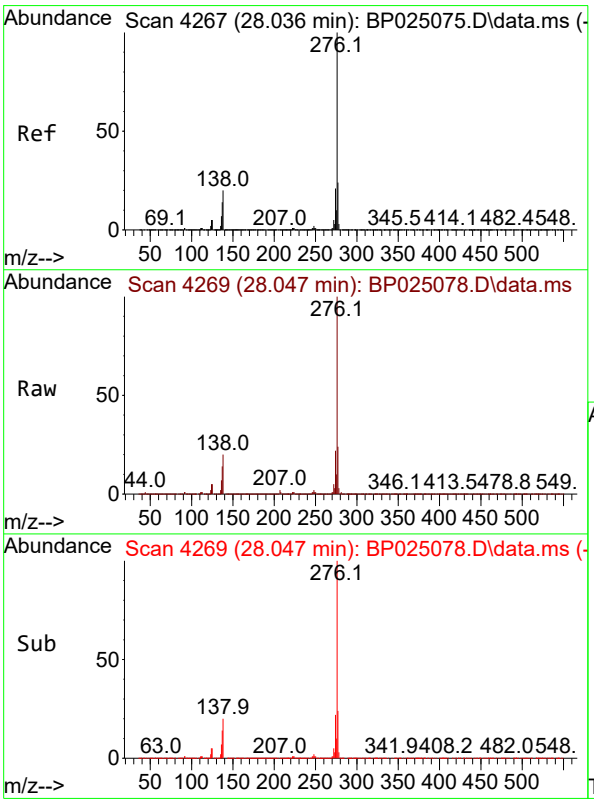
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 2356318

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	22.1	17.7	26.5

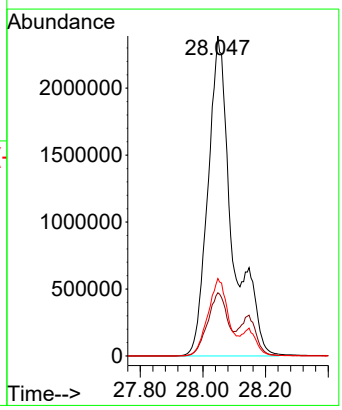


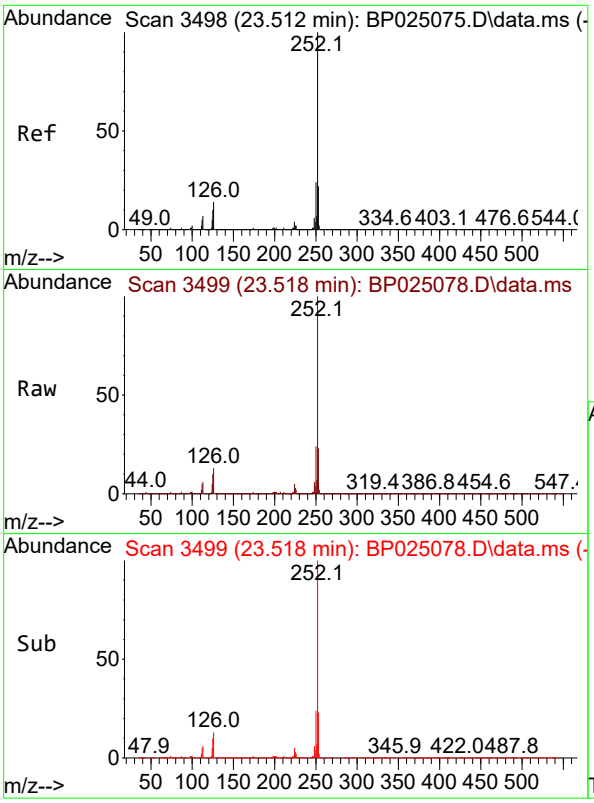


#87
Indeno(1,2,3-cd)pyrene
Concen: 85.771 ng m
RT: 28.047 min Scan# 4269
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:276 Resp:12878282

Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.0	19.6
277	20.5	15.9	23.9



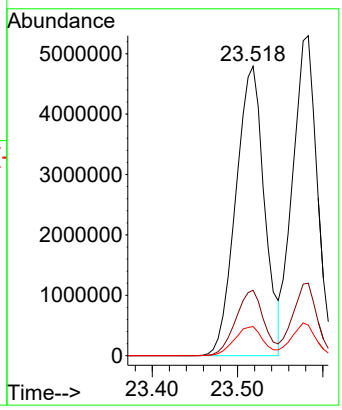


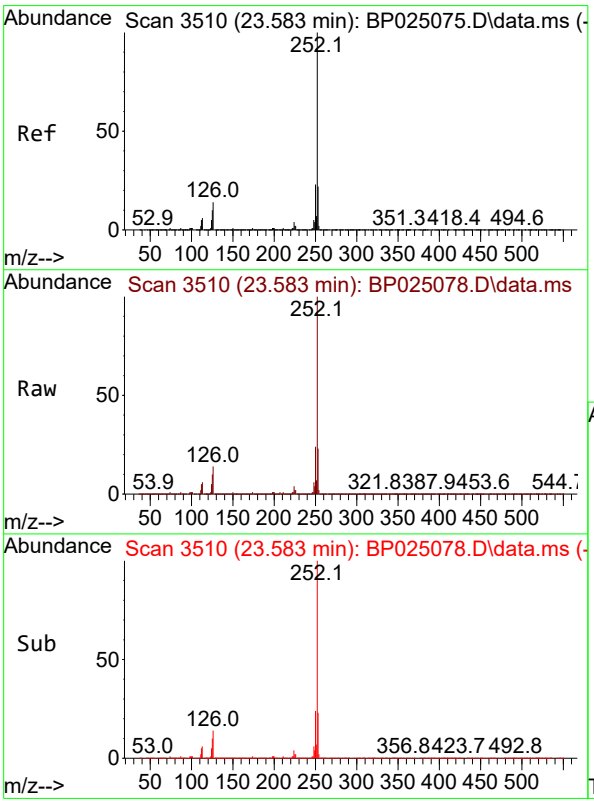
#88
Benzo(b)fluoranthene
Concen: 81.559 ng
RT: 23.518 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp:11185819

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.1	8.1	12.1

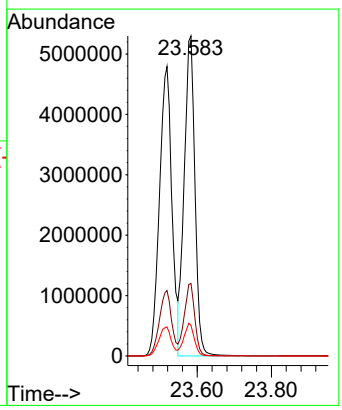


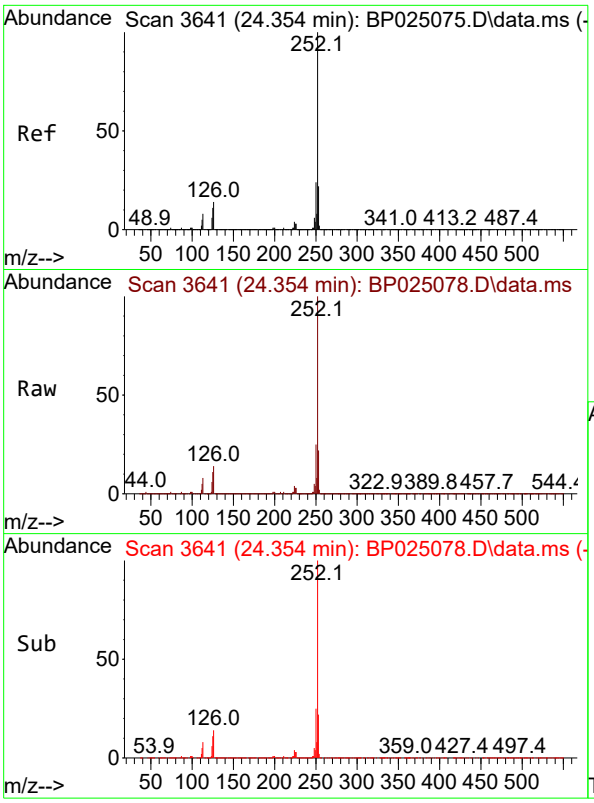


#89
Benzo(k)fluoranthene
Concen: 78.255 ng
RT: 23.583 min Scan# 3510
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:252 Resp:10678946

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.6	8.2	12.2



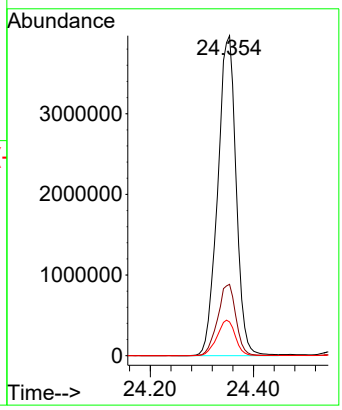


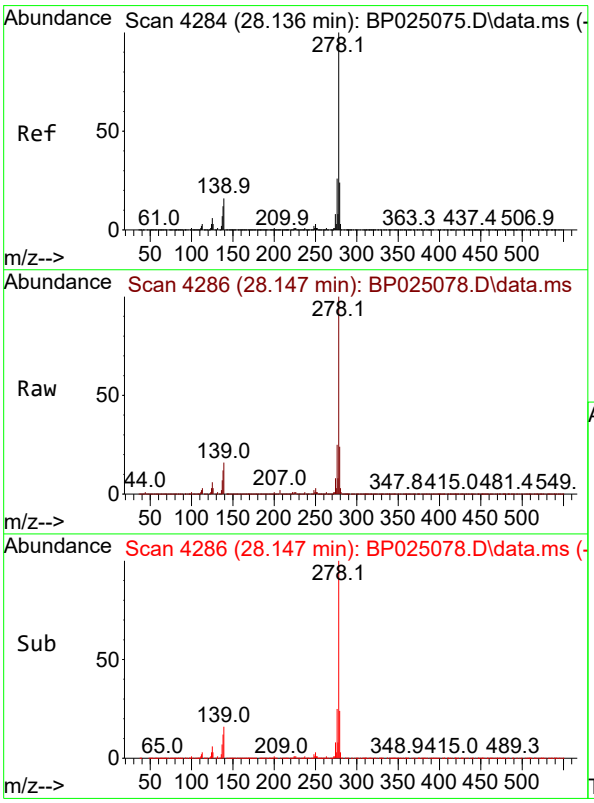
#90
Benzo(a)pyrene
Concen: 83.957 ng
RT: 24.354 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 9800149

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.5	9.0	13.4

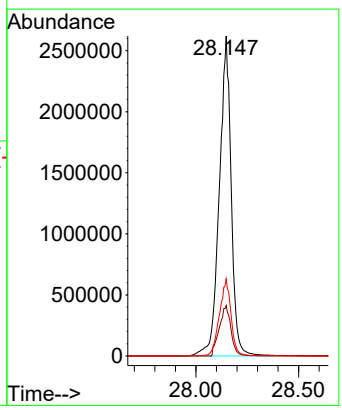


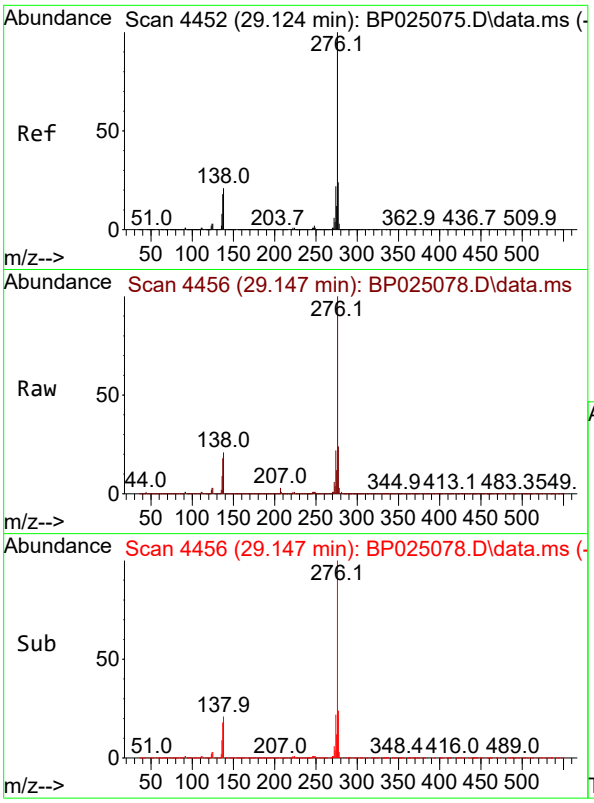


#91
Dibenzo(a,h)anthracene
Concen: 84.932 ng
RT: 28.147 min Scan# 4286
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:278 Resp:10538537

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.1	19.7
279	24.0	18.9	28.3



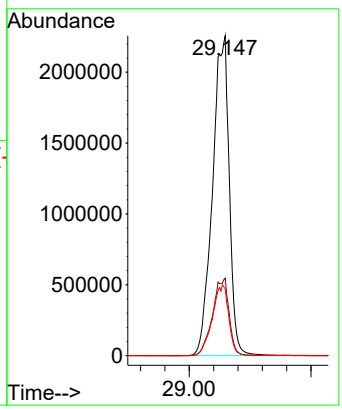


#92
Benzo(g,h,i)perylene
Concen: 83.943 ng
RT: 29.147 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp:10759787

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	20.8	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	400883	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1637601	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	1071158	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2157756	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2221808	20.000	ng	0.01
86) Perylene-d12	24.501	264	2415004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1806055	79.825	ng	0.00
7) Phenol-d6	6.631	99	2363715	80.057	ng	0.00
23) Nitrobenzene-d5	8.572	82	2040461	82.866	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1045523	82.624	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	5442492	78.712	ng	0.00
79) Terphenyl-d14	19.689	244	8493260	84.014	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	332686	37.814	ng	99
3) Pyridine	3.484	79	940029	39.027	ng	98
4) n-Nitrosodimethylamine	3.402	42	397057	38.933	ng	97
6) Aniline	6.778	93	1098010	39.803	ng	100
8) 2-Chlorophenol	7.014	128	1023493	40.431	ng	99
9) Benzaldehyde	6.596	77	629753	40.841	ng	98
10) Phenol	6.655	94	1189351	39.645	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	905215	39.206	ng	99
12) 1,3-Dichlorobenzene	7.331	146	1115941	39.389	ng	98
13) 1,4-Dichlorobenzene	7.472	146	1129771	39.387	ng	99
14) 1,2-Dichlorobenzene	7.778	146	1075162	38.965	ng	99
15) Benzyl Alcohol	7.672	79	805339	40.867	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1158172	38.579	ng	98
17) 2-Methylphenol	7.872	107	786921	40.721	ng	100
18) Hexachloroethane	8.496	117	374849	40.115	ng	99
19) n-Nitroso-di-n-propyla...	8.237	70	709521	40.521	ng	99
20) 3+4-Methylphenols	8.196	107	1093973	40.415	ng	99
22) Acetophenone	8.243	105	1510122	38.992	ng	99
24) Nitrobenzene	8.613	77	1012505	40.369	ng	97
25) Isophorone	9.125	82	1857268	40.360	ng	100
26) 2-Nitrophenol	9.308	139	488721	40.694	ng	99
27) 2,4-Dimethylphenol	9.378	122	692324	40.332	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	1236294	39.567	ng	99
29) 2,4-Dichlorophenol	9.837	162	985707	41.412	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1043043	39.571	ng	97
31) Naphthalene	10.231	128	3302943	39.170	ng	100
32) Benzoic acid	9.502	122	684343	40.952	ng	97
33) 4-Chloroaniline	10.343	127	1265959	40.229	ng	99
34) Hexachlorobutadiene	10.537	225	607380	40.154	ng	99
35) Caprolactam	11.107	113	332744	40.864	ng	100
36) 4-Chloro-3-methylphenol	11.484	107	1018998	40.967	ng	98
37) 2-Methylnaphthalene	11.866	142	2340864	39.345	ng	100
38) 1-Methylnaphthalene	12.084	142	2280444	39.301	ng	99
40) 1,2,4,5-Tetrachloroben...	12.243	216	1233612	40.072	ng	100
41) Hexachlorocyclopentadiene	12.237	237	345683	42.989	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	794957	42.646	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	894337	42.335	ng	98
46) 1,1'-Biphenyl	12.907	154	3042013	39.032	ng	100
47) 2-Chloronaphthalene	12.943	162	2296829	39.210	ng	99
48) 2-Nitroaniline	13.149	65	565340	39.894	ng	97
49) Acenaphthylene	13.807	152	3624825	40.431	ng	100
50) Dimethylphthalate	13.560	163	3009077	40.131	ng	99
51) 2,6-Dinitrotoluene	13.660	165	627637	42.919	ng	99
52) Acenaphthene	14.160	154	2271995m	39.318	ng	
53) 3-Nitroaniline	13.990	138	680440	43.418	ng	98
54) 2,4-Dinitrophenol	14.201	184	265751	40.066	ng	97
55) Dibenzofuran	14.507	168	3740234	39.220	ng	100
56) 4-Nitrophenol	14.313	139	612774	42.369	ng	97
57) 2,4-Dinitrotoluene	14.466	165	846954	39.932	ng	95
58) Fluorene	15.166	166	2925541	39.662	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.737	232	811401	42.414	ng	99
60) Diethylphthalate	14.972	149	3056611	40.587	ng	99
61) 4-Chlorophenyl-phenyle...	15.178	204	1430883	39.198	ng	98
62) 4-Nitroaniline	15.184	138	715671	43.550	ng	97
63) Azobenzene	15.472	77	2587410	38.583	ng	99
65) 4,6-Dinitro-2-methylph...	15.248	198	379707	39.754	ng	97
66) n-Nitrosodiphenylamine	15.401	169	2472464	40.039	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	894455	40.486	ng	96
68) Hexachlorobenzene	16.201	284	1066631	39.499	ng	99
69) Atrazine	16.390	200	739881	40.888	ng	98
70) Pentachlorophenol	16.548	266	774549	42.471	ng	98
71) Phenanthrene	16.948	178	4552722	39.487	ng	100
72) Anthracene	17.060	178	4467088	40.385	ng	99
73) Carbazole	17.331	167	4335399	40.086	ng	100
74) Di-n-butylphthalate	17.966	149	5149955	42.761	ng	100
75) Fluoranthene	19.060	202	5415104	40.180	ng	99
77) Benzidine	19.272	184	2058569	52.461	ng	99
78) Pyrene	19.436	202	5698991	41.413	ng	100
80) Butylbenzylphthalate	20.442	149	2138437	40.921	ng	97
81) Benzo(a)anthracene	21.336	228	5501070	40.856	ng	100
82) 3,3'-Dichlorobenzidine	21.266	252	1808957	44.629	ng	100
83) Chrysene	21.401	228	5211272	40.218	ng	99
84) Bis(2-ethylhexyl)phtha...	21.342	149	3299494	45.685	ng	99
85) Di-n-octyl phthalate	22.566	149	5256676	40.750	ng	100
87) Indeno(1,2,3-cd)pyrene	28.048	276	6494157m	42.211	ng	
88) Benzo(b)fluoranthene	23.519	252	5782492	41.137	ng	100
89) Benzo(k)fluoranthene	23.589	252	5590808	39.974	ng	100
90) Benzo(a)pyrene	24.354	252	4952570	41.397	ng	100
91) Dibenzo(a,h)anthracene	28.130	278	5394843	42.422	ng	99
92) Benzo(g,h,i)perylene	29.148	276	5498609	41.855	ng	99

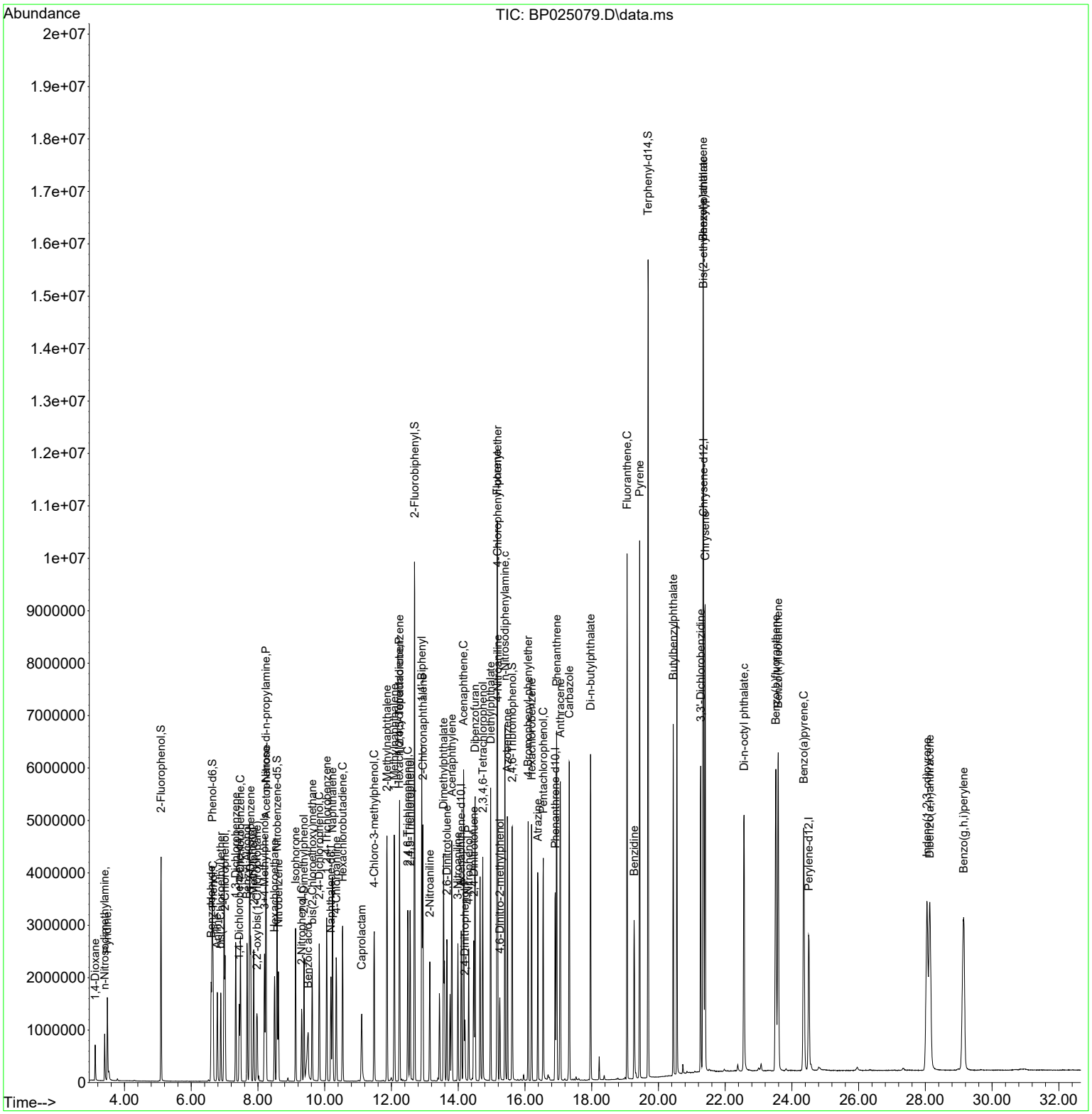
(#) = qualifier out of range (m) = manual integration (+) = signals summed

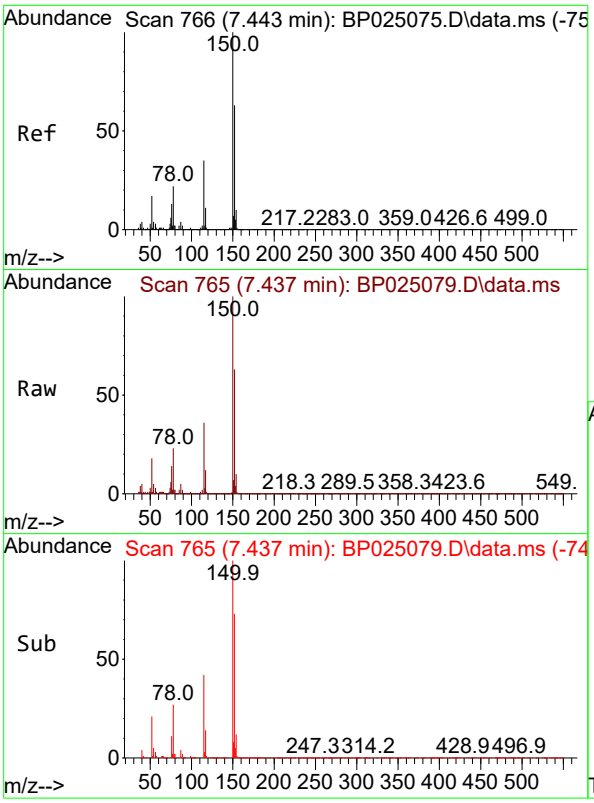
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



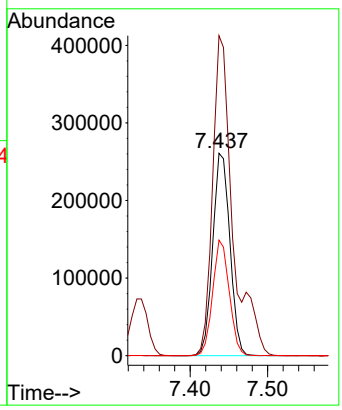


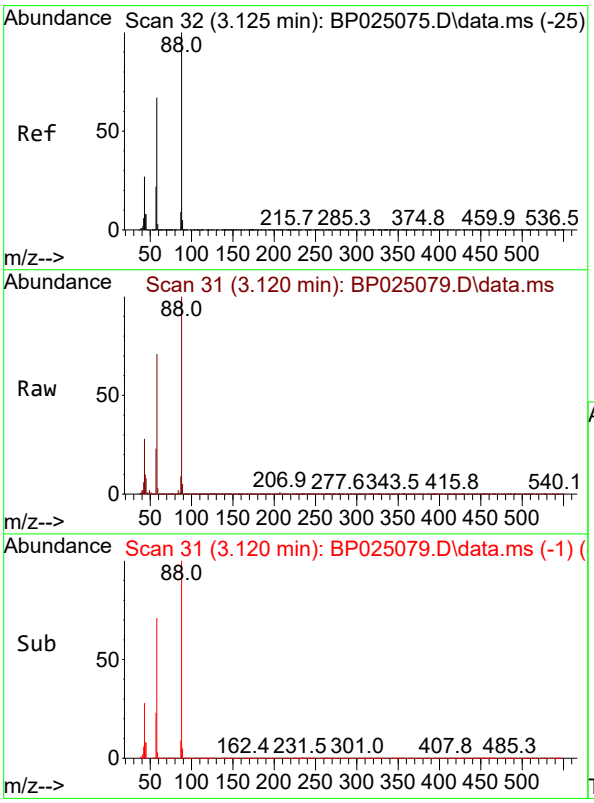
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:152 Resp: 400883

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.1	189.1
115	57.1	44.3	66.5

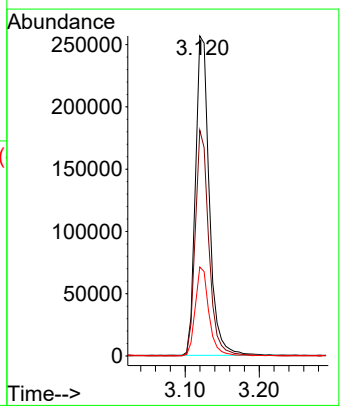


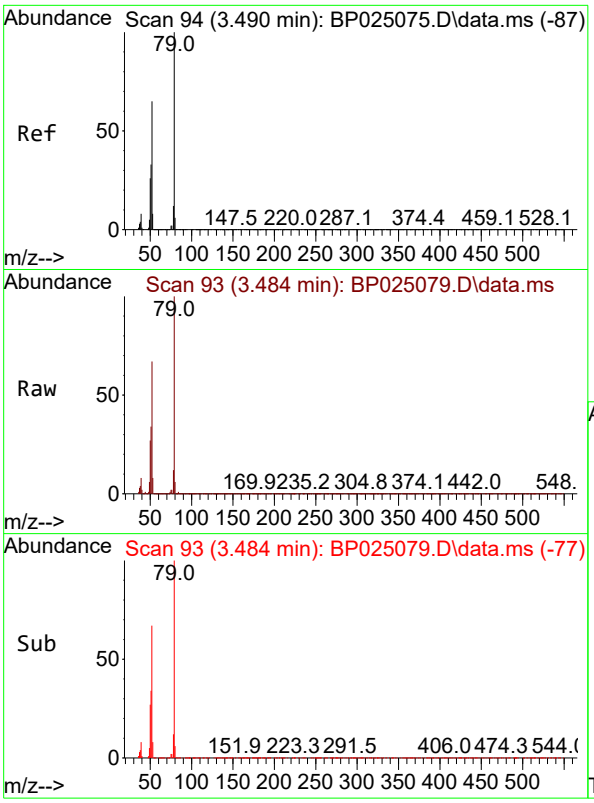


#2
1,4-Dioxane
Concen: 37.814 ng
RT: 3.120 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 88 Resp: 332686

Ion	Ratio	Lower	Upper
88	100		
58	69.6	55.0	82.4
43	27.7	21.9	32.9



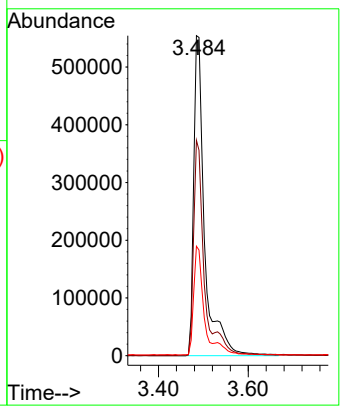


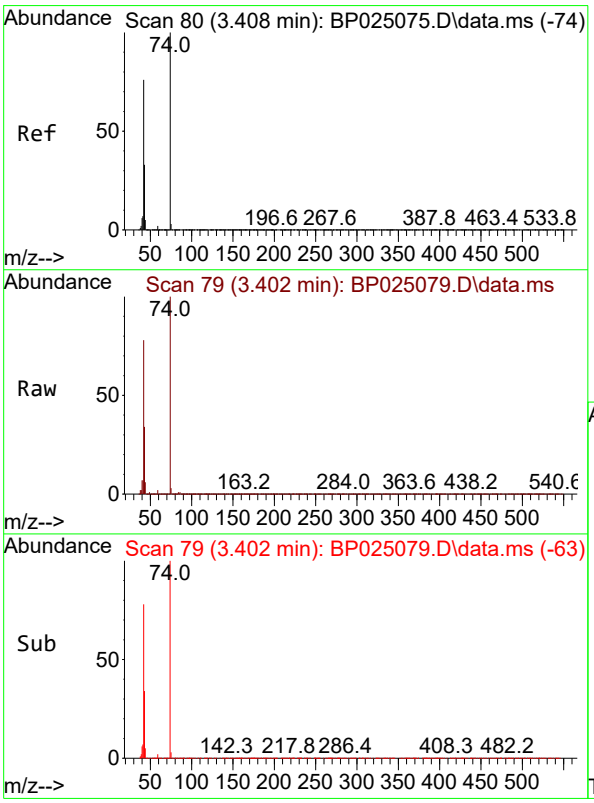
#3
Pyridine
Concen: 39.027 ng
RT: 3.484 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 79 Resp: 940029

Ion	Ratio	Lower	Upper
79	100		
52	67.3	52.2	78.4
51	34.2	26.8	40.2

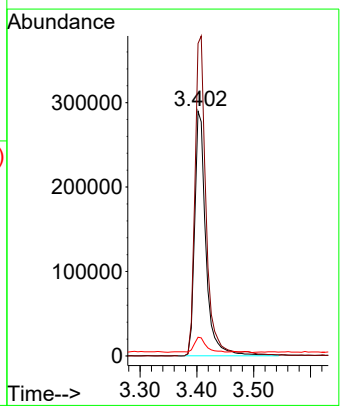


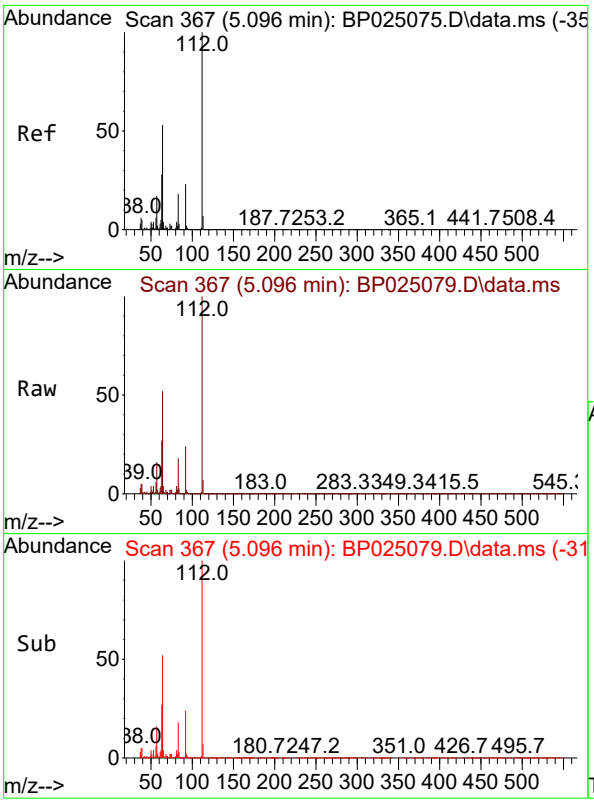


#4
n-Nitrosodimethylamine
Concen: 38.933 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 42 Resp: 397057

Ion	Ratio	Lower	Upper
42	100		
74	127.7	105.2	157.8
44	7.7	6.6	9.8



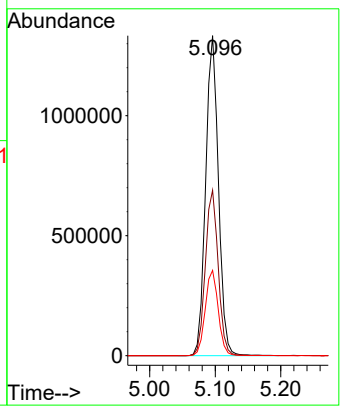


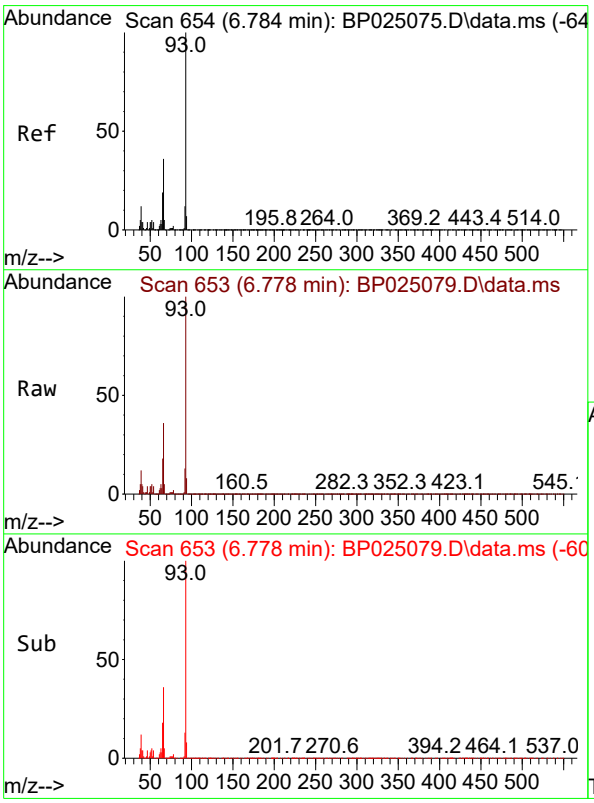
#5
2-Fluorophenol
Concen: 79.825 ng
RT: 5.096 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:112 Resp: 1806055

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.0	63.0
63	26.6	22.2	33.2

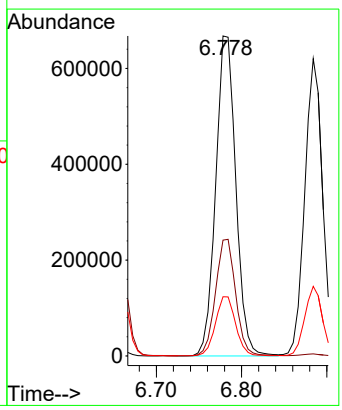


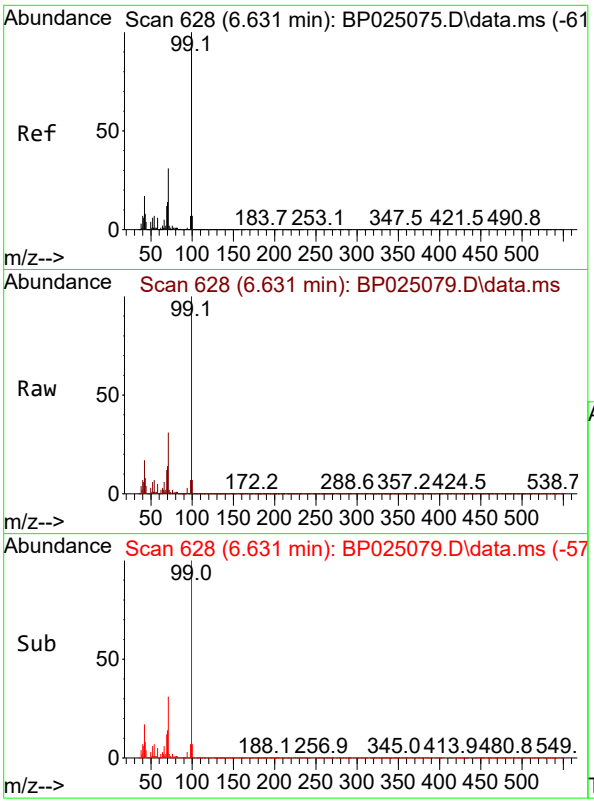


#6
Aniline
Concen: 39.803 ng
RT: 6.778 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 93 Resp: 1098010

Ion	Ratio	Lower	Upper
93	100		
66	36.2	28.9	43.3
65	18.5	15.2	22.8



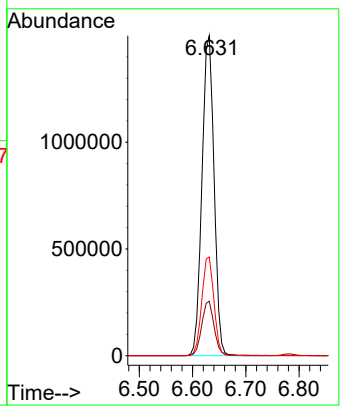


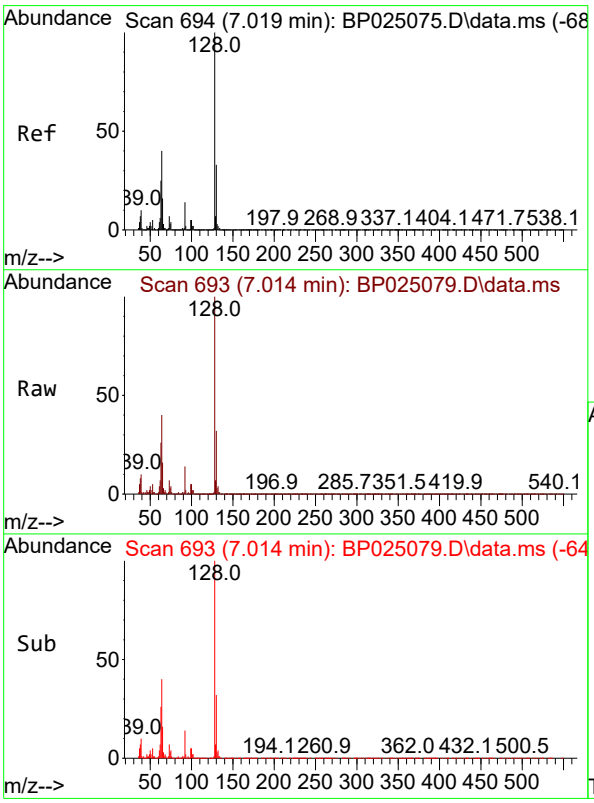
#7
Phenol-d6
Concen: 80.057 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 99 Resp: 2363715

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	30.9	24.4	36.6

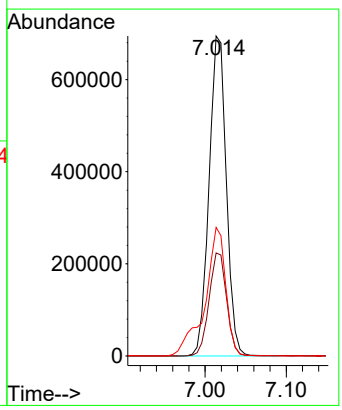


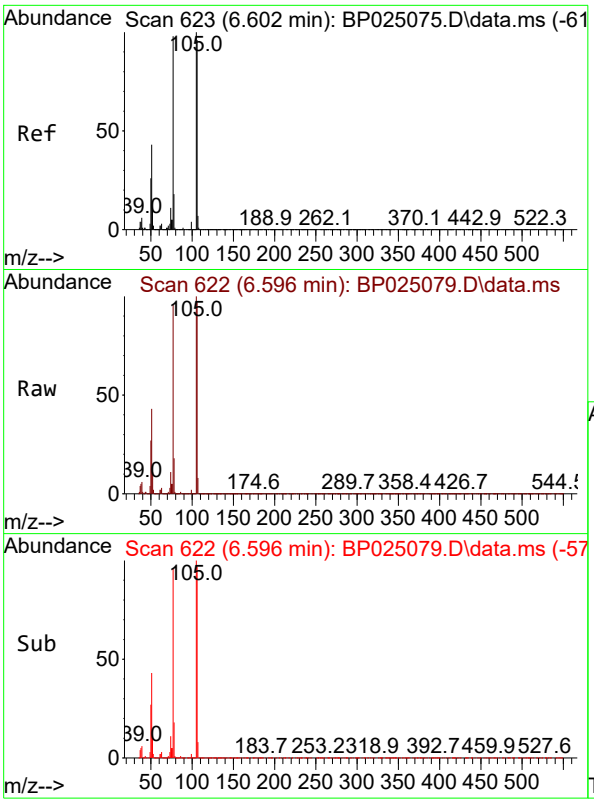


#8
2-Chlorophenol
Concen: 40.431 ng
RT: 7.014 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:128 Resp: 1023493

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	40.2	20.3	60.3



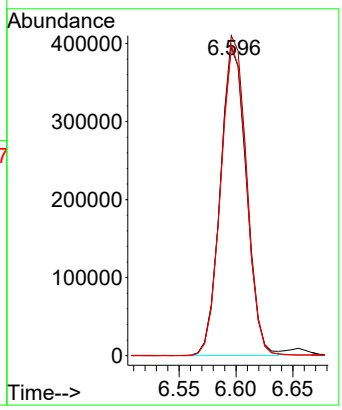


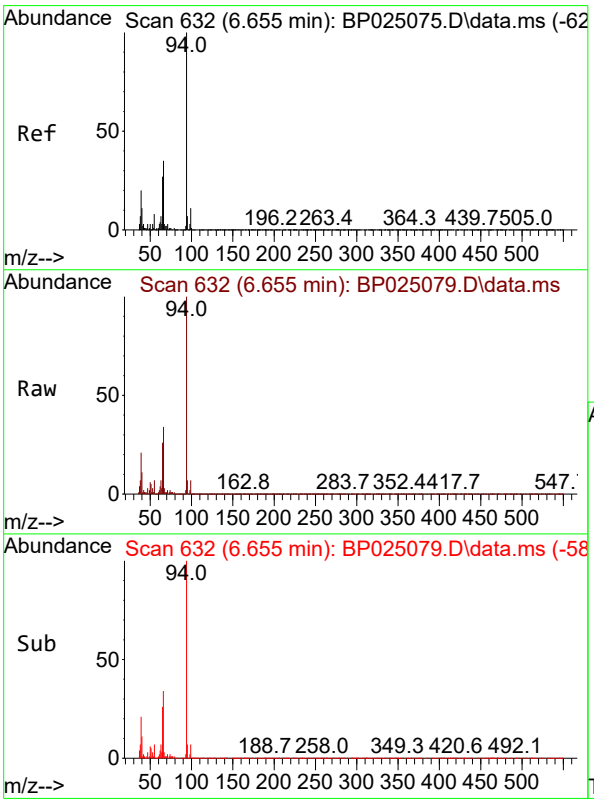
#9
Benzaldehyde
Concen: 40.841 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 77 Resp: 629753

Ion	Ratio	Lower	Upper
77	100		
105	103.8	82.4	122.4
106	100.8	78.3	118.3

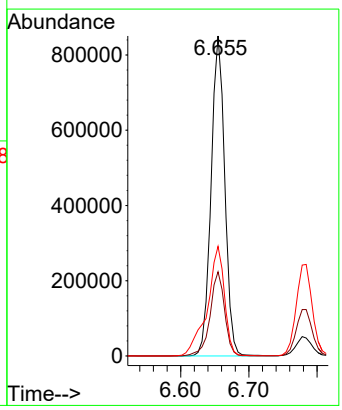


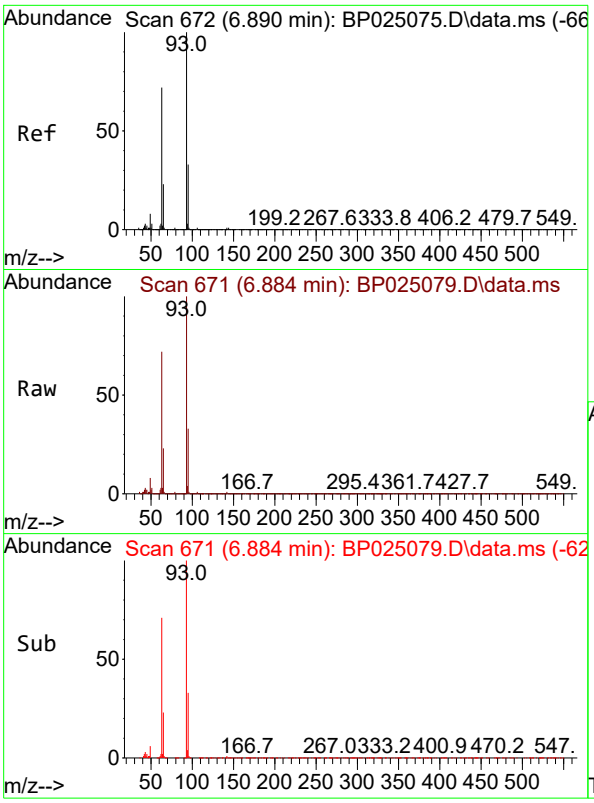


#10
Phenol
Concen: 39.645 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 94 Resp: 1189351

Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.9	46.9
66	34.2	14.6	54.6



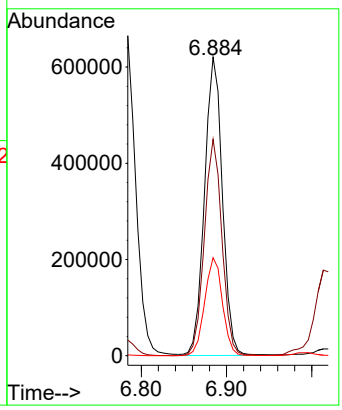


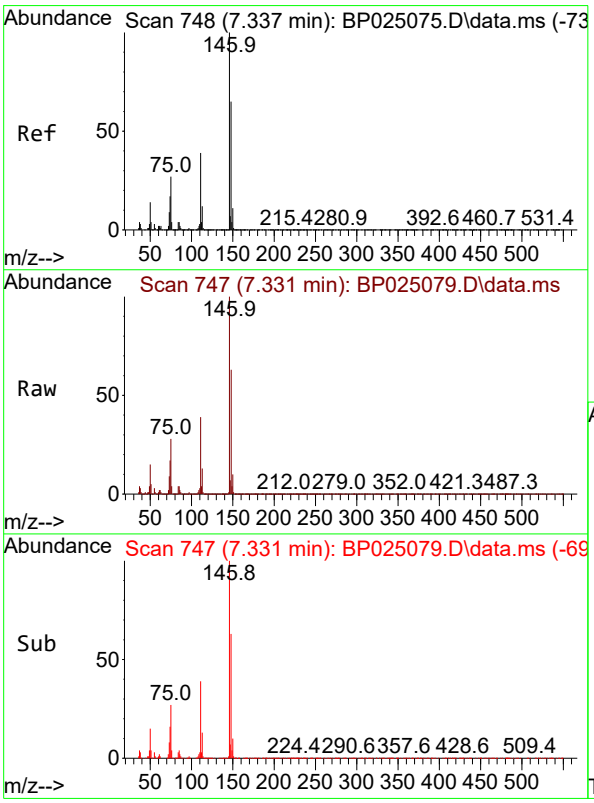
#11
bis(2-Chloroethyl)ether
Concen: 39.206 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 93 Resp: 905215

Ion	Ratio	Lower	Upper
93	100		
63	72.5	51.9	91.9
95	32.8	12.4	52.4

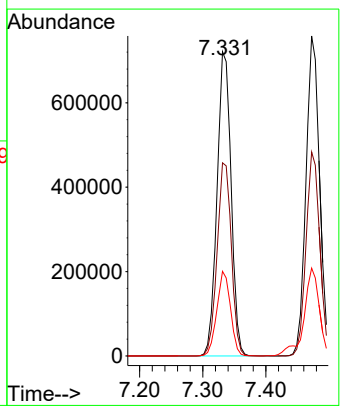


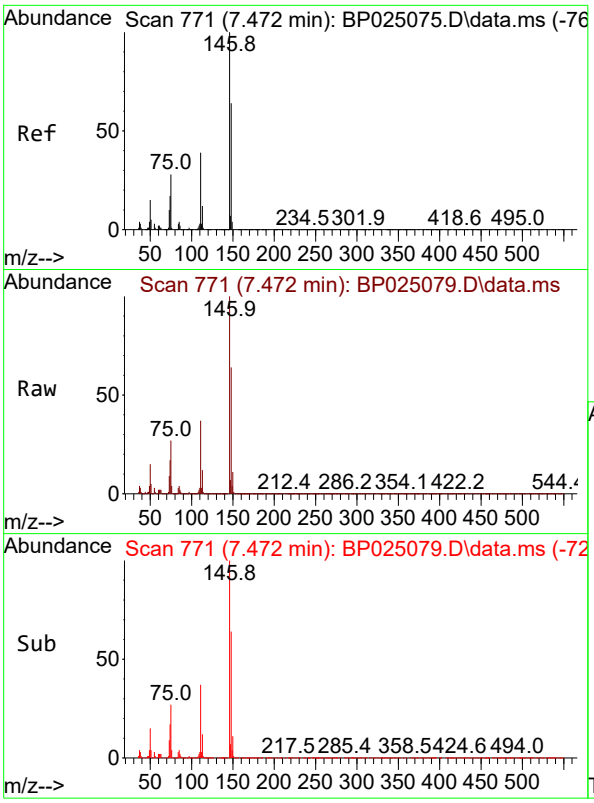


#12
1,3-Dichlorobenzene
Concen: 39.389 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:146 Resp: 1115941

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
75	27.8	21.8	32.6



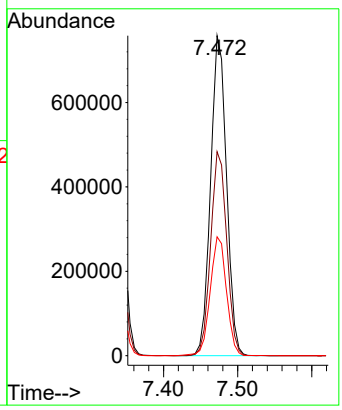


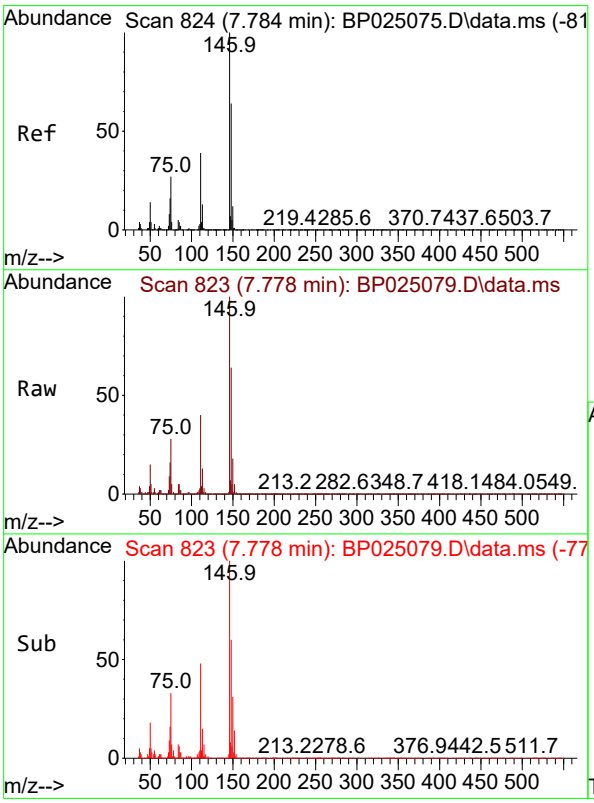
#13
1,4-Dichlorobenzene
Concen: 39.387 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:146 Resp: 1129771

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	37.2	31.2	46.8

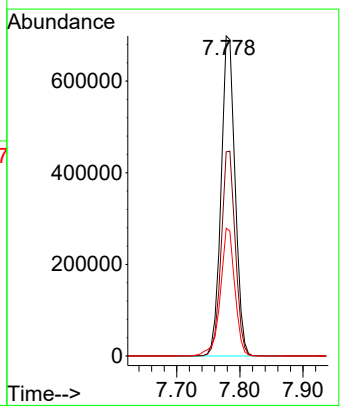


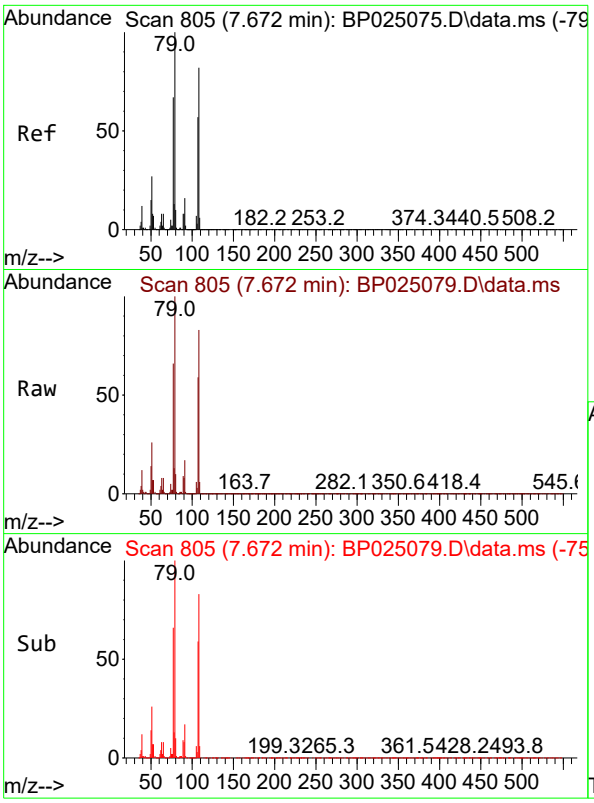


#14
1,2-Dichlorobenzene
Concen: 38.965 ng
RT: 7.778 min Scan# 823
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:146 Resp: 1075162

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	39.9	31.2	46.8



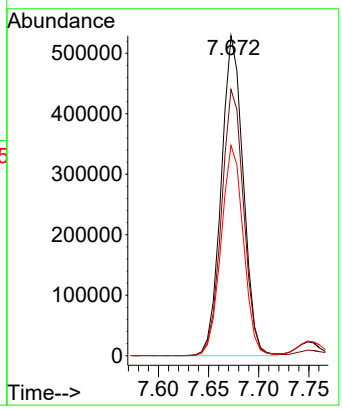


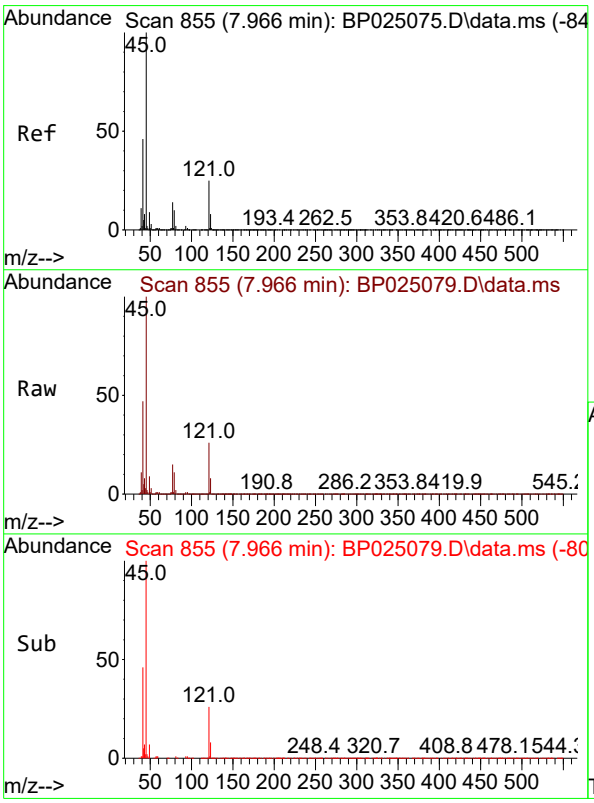
#15
Benzyl Alcohol
Concen: 40.867 ng
RT: 7.672 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 79 Resp: 805339

Ion	Ratio	Lower	Upper
79	100		
108	83.2	66.0	99.0
77	65.7	53.4	80.2

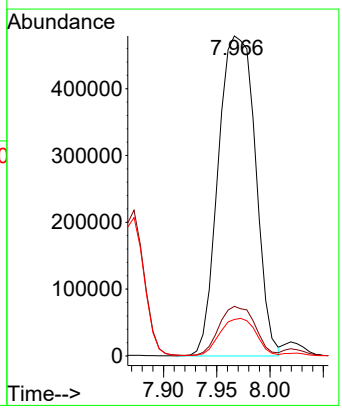


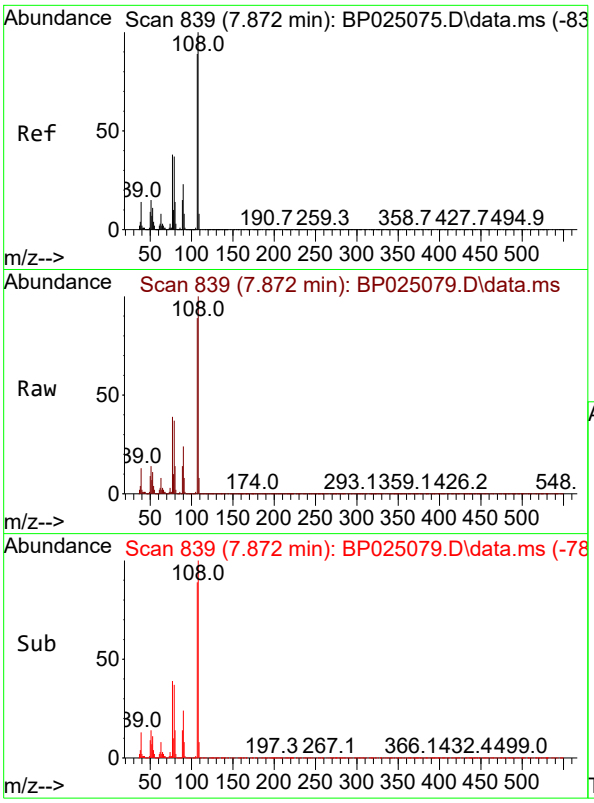


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.579 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 45 Resp: 1158172

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.8
79	11.4	0.0	30.7



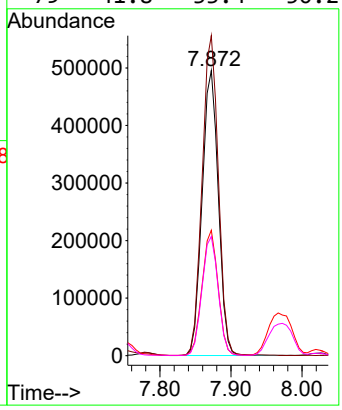


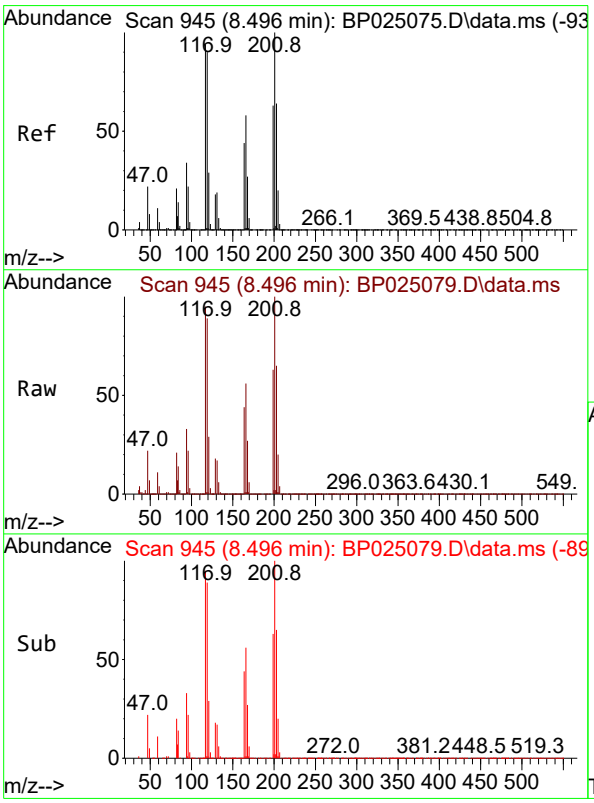
#17
2-Methylphenol
Concen: 40.721 ng
RT: 7.872 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:107 Resp: 786921

Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.7	134.5
77	44.0	34.2	51.4
79	41.8	33.4	50.2

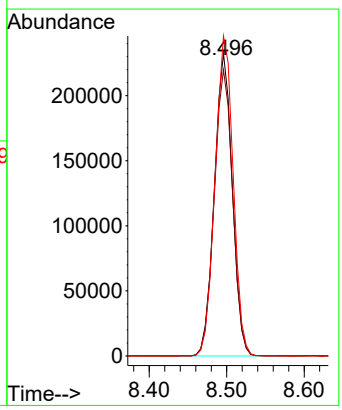


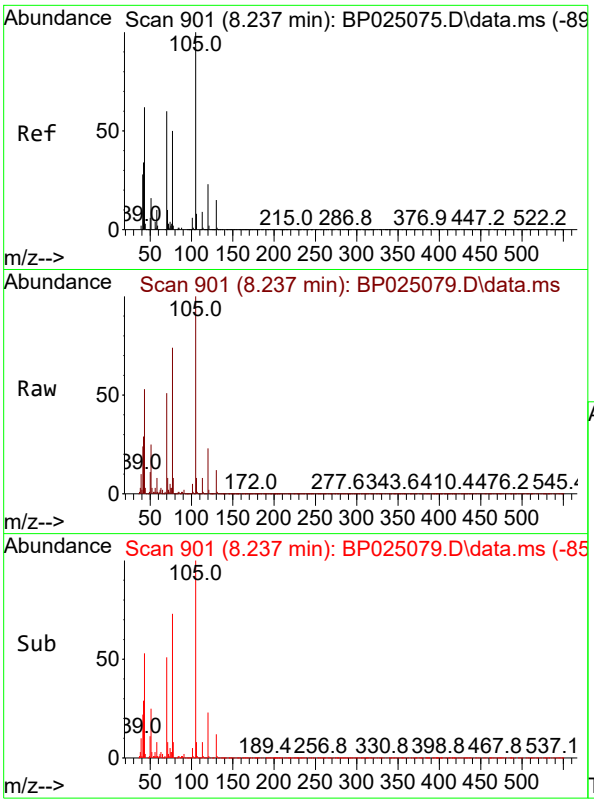


#18
Hexachloroethane
Concen: 40.115 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:117 Resp: 374849

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
201	105.8	85.4	128.2



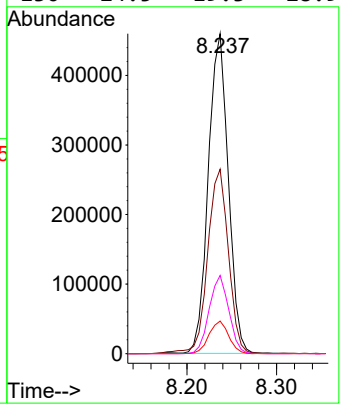


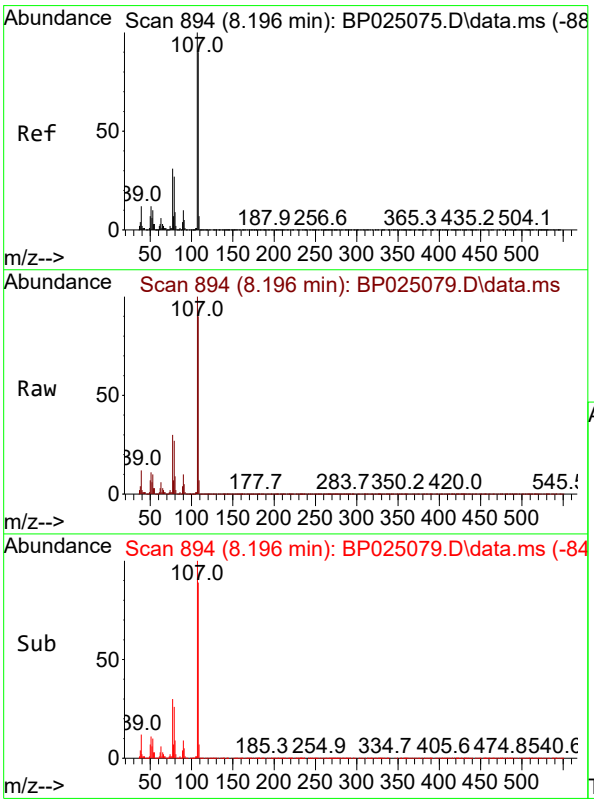
#19
n-Nitroso-di-n-propylamine
Concen: 40.521 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 70 Resp: 709521

Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.5	69.7
101	10.2	7.9	11.9
130	24.5	19.3	28.9

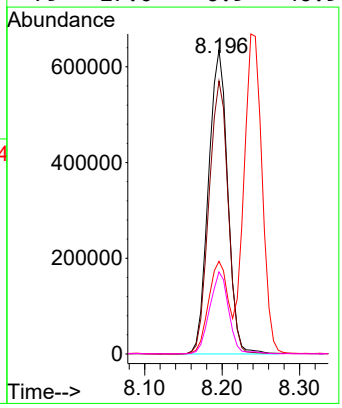


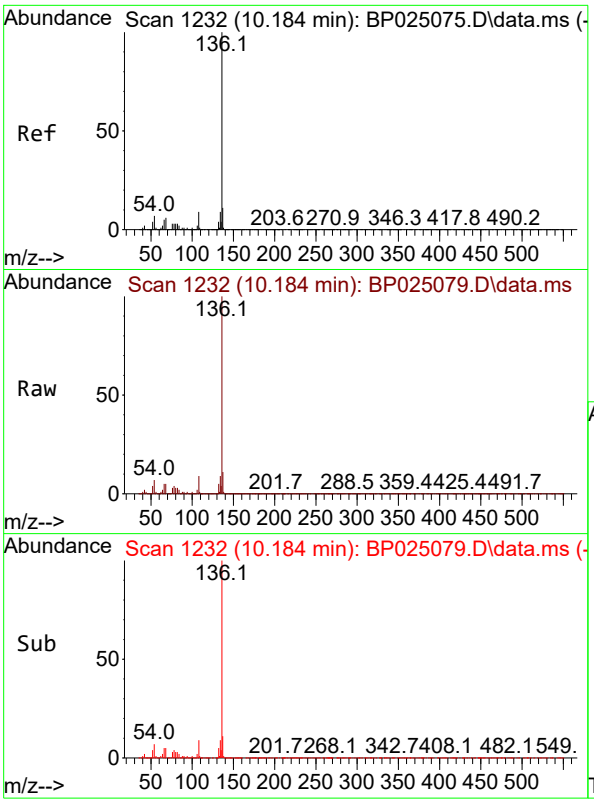


#20
3+4-Methylphenols
Concen: 40.415 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:107 Resp: 1093973

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.5	109.5
77	30.5	11.4	51.4
79	27.0	6.9	46.9



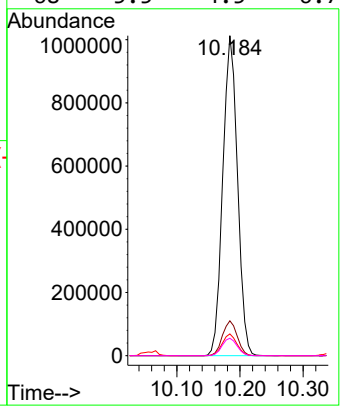


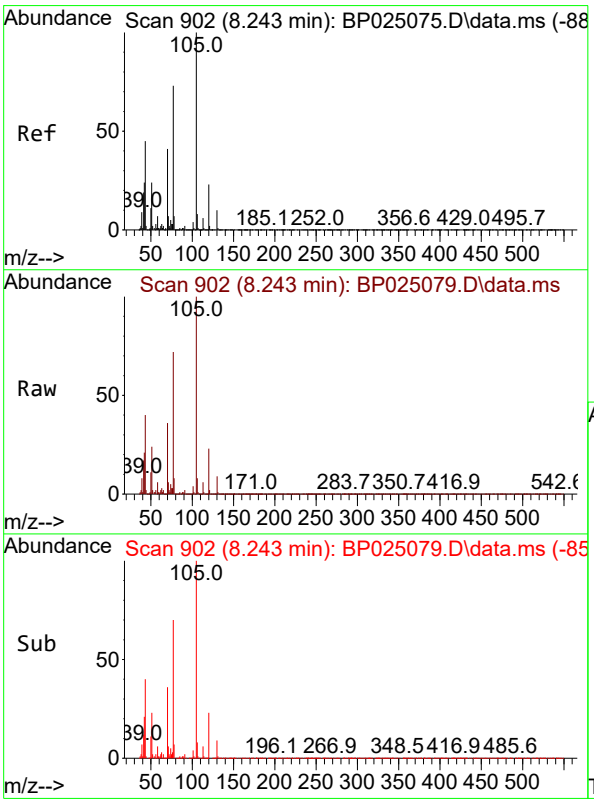
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:136 Resp: 1637601

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.4	8.2
68	5.5	4.5	6.7

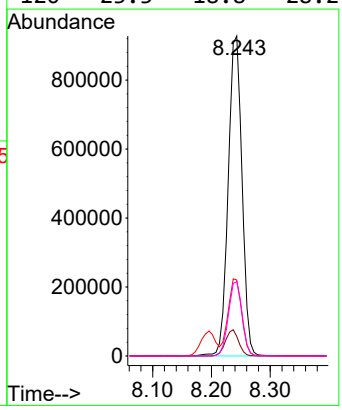


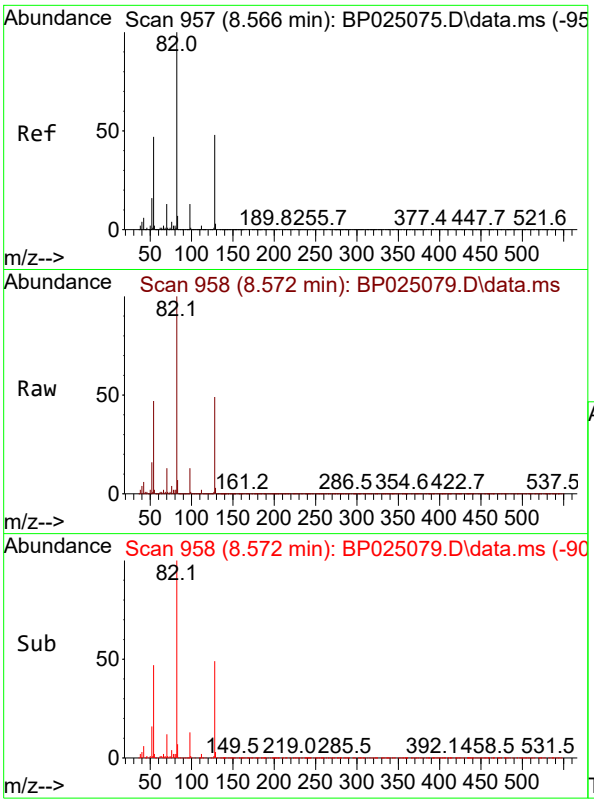


#22
Acetophenone
Concen: 38.992 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:105 Resp: 1510122

Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.4	8.2
51	23.8	19.6	29.4
120	23.3	18.8	28.2



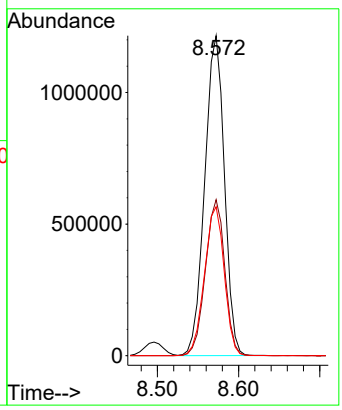


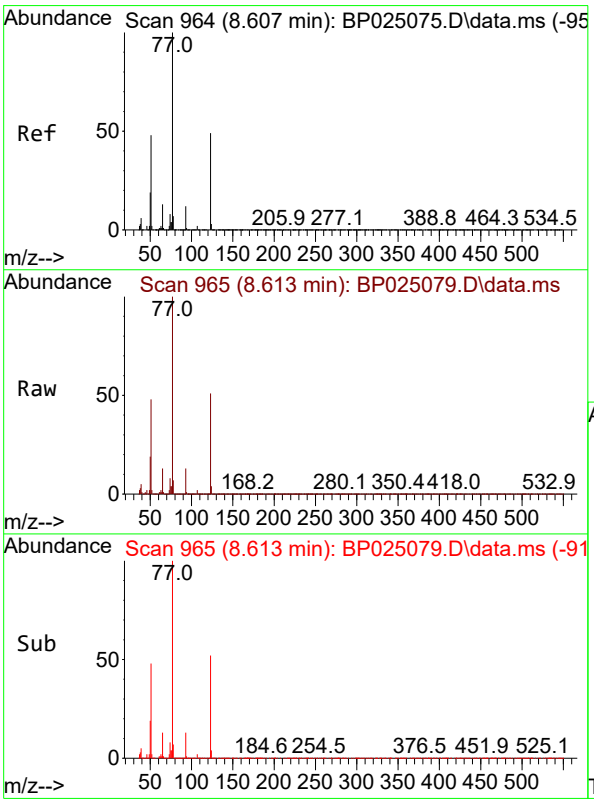
#23
Nitrobenzene-d5
Concen: 82.866 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 82 Resp: 2040461

Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.4	57.6
54	46.6	37.8	56.6

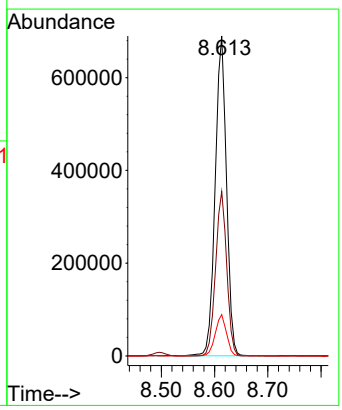


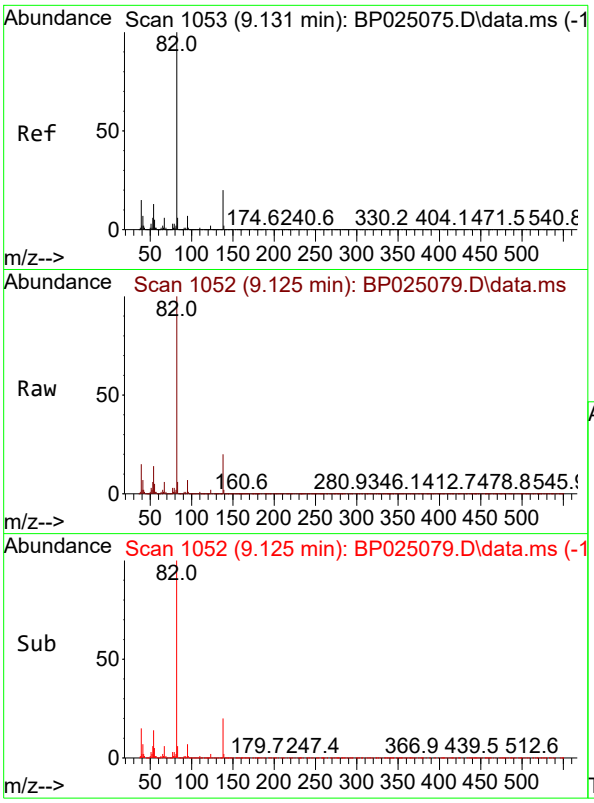


#24
Nitrobenzene
Concen: 40.369 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 77 Resp: 1012505

Ion	Ratio	Lower	Upper
77	100		
123	51.4	39.0	58.6
65	12.9	10.7	16.1



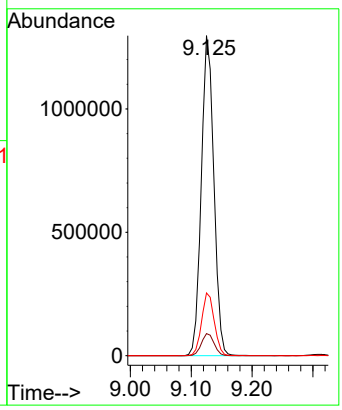


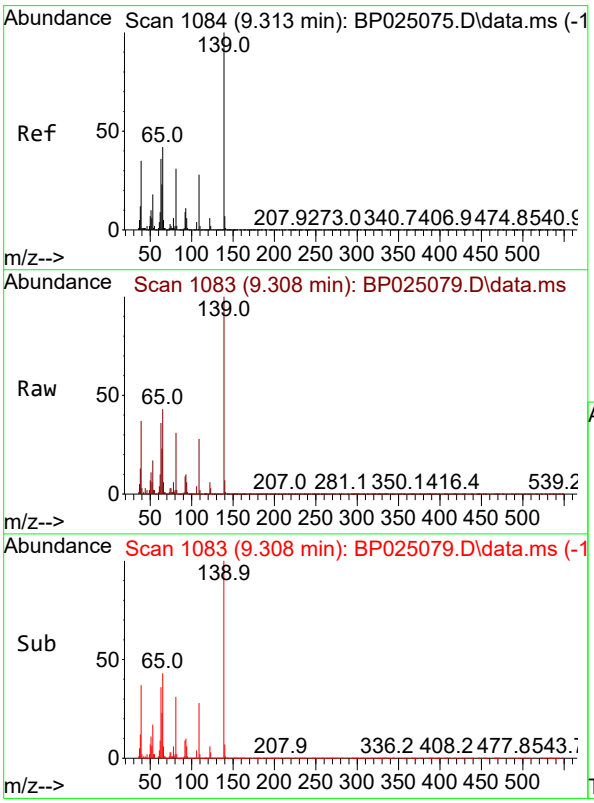
#25
Isophorone
Concen: 40.360 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 82 Resp: 1857268

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	19.6	15.7	23.5

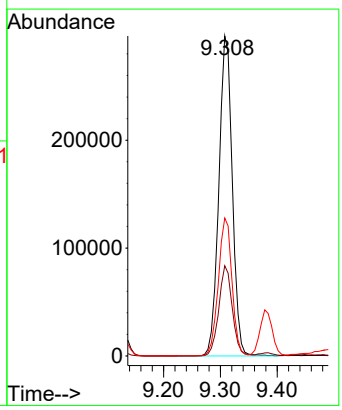


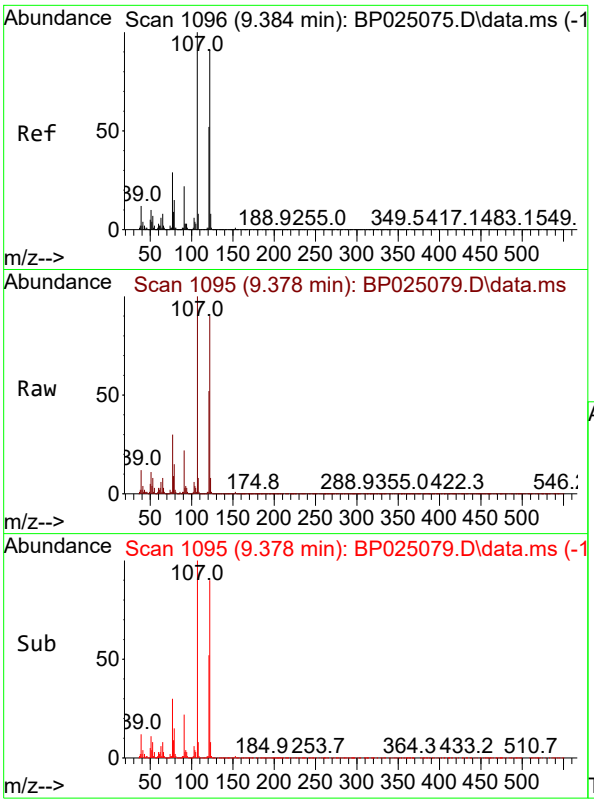


#26
2-Nitrophenol
Concen: 40.694 ng
RT: 9.308 min Scan# 1083
Delta R.T. -0.005 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:139 Resp: 488721

Ion	Ratio	Lower	Upper
139	100		
109	28.2	22.3	33.5
65	43.1	33.8	50.8



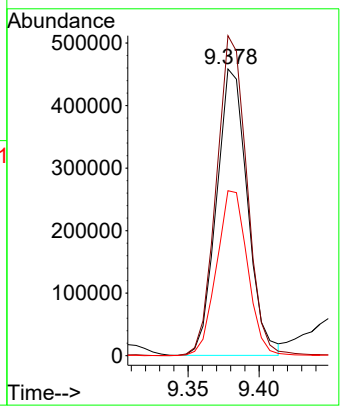


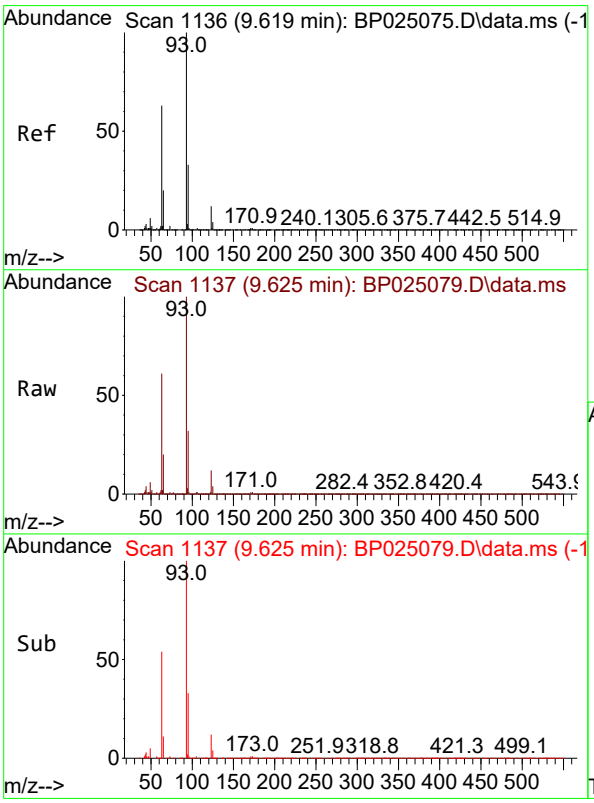
#27
2,4-Dimethylphenol
Concen: 40.332 ng
RT: 9.378 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:122 Resp: 692324

Ion	Ratio	Lower	Upper
122	100		
107	111.6	88.2	132.2
121	57.5	46.1	69.1

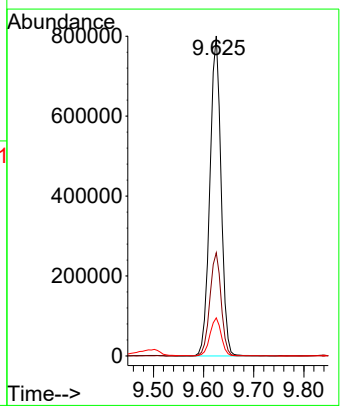


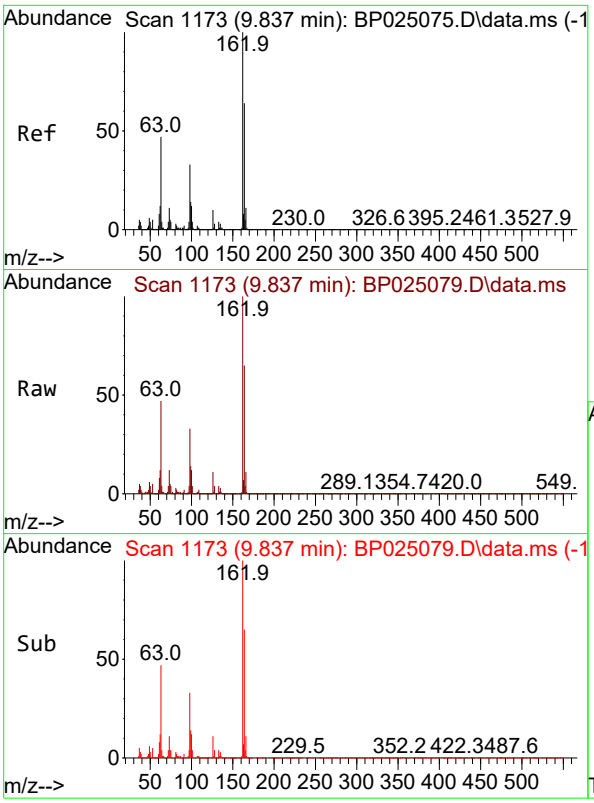


#28
bis(2-Chloroethoxy)methane
Concen: 39.567 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 93 Resp: 1236294

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.9	10.1	15.1



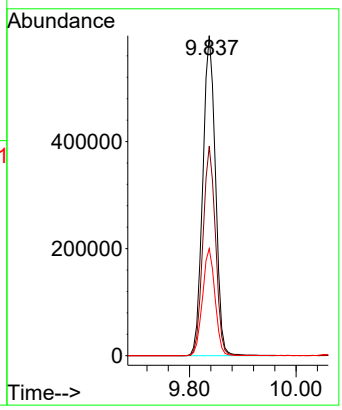


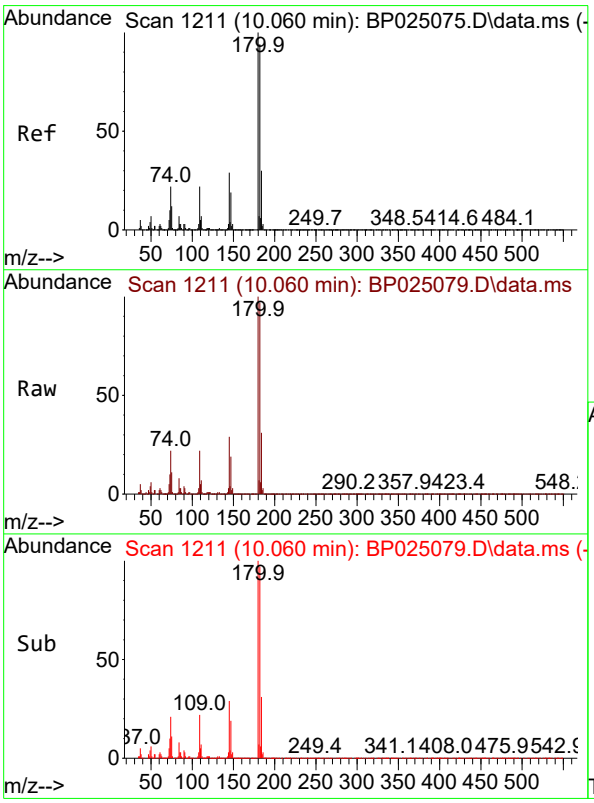
#29
2,4-Dichlorophenol
Concen: 41.412 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:162 Resp: 985707

Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.1	84.1
98	33.4	13.1	53.1

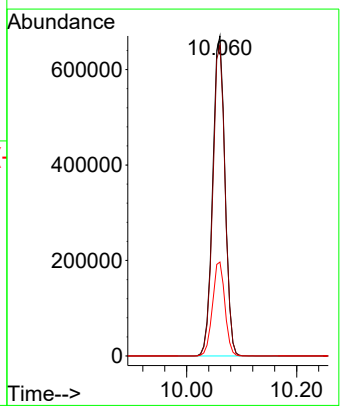


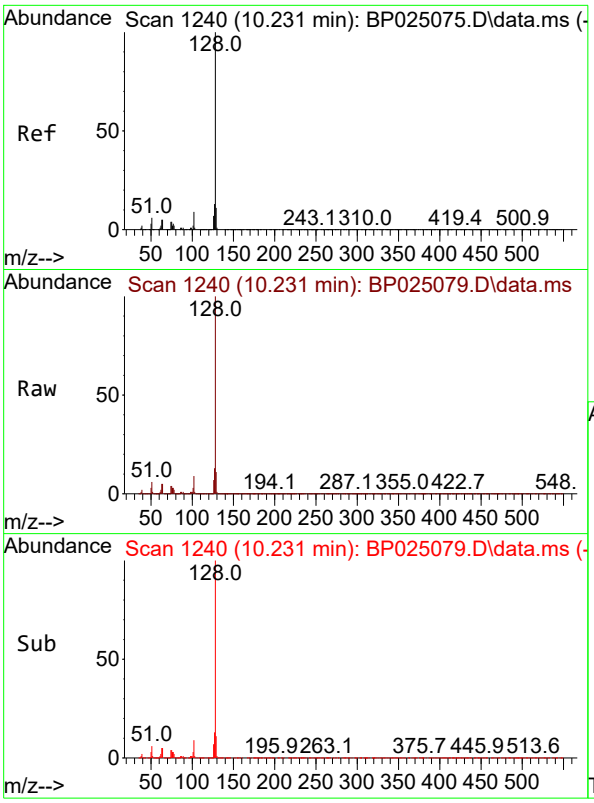


#30
1,2,4-Trichlorobenzene
Concen: 39.571 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:180 Resp: 1043043

Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.1	112.7
145	29.4	23.3	34.9



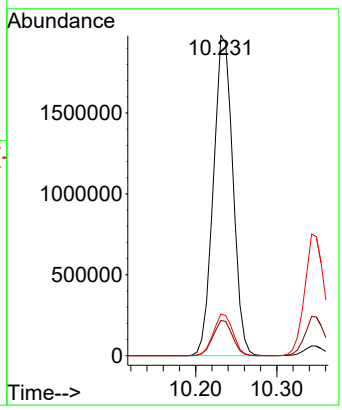


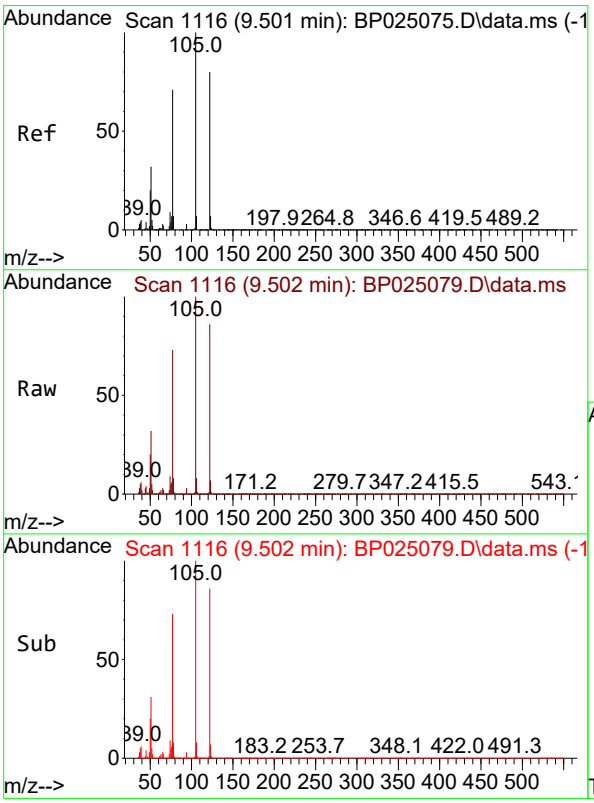
#31
Naphthalene
Concen: 39.170 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:128 Resp: 3302943

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.4	15.6

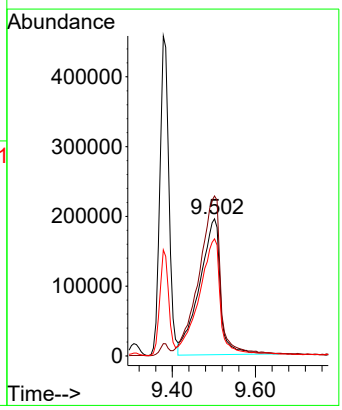


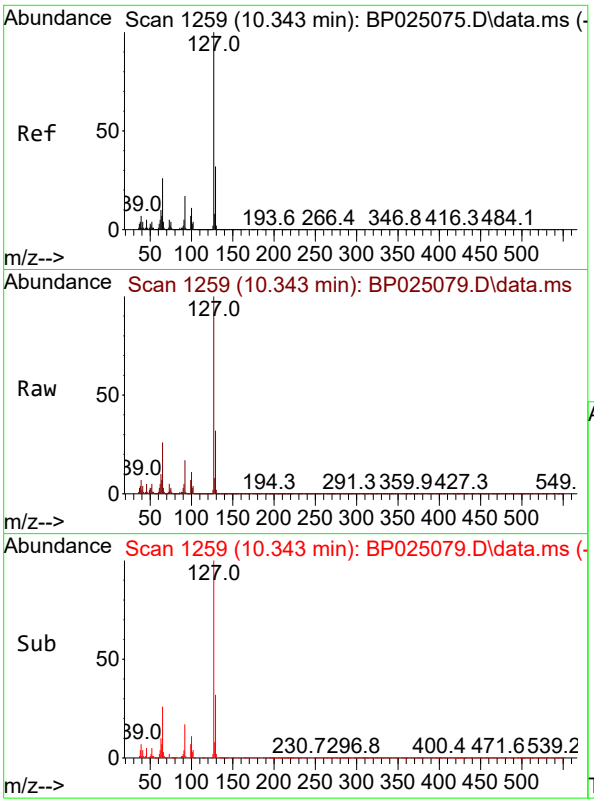


#32
Benzoic acid
Concen: 40.952 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.001 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:122 Resp: 684343

Ion	Ratio	Lower	Upper
122	100		
105	116.7	101.0	141.0
77	85.5	67.6	107.6



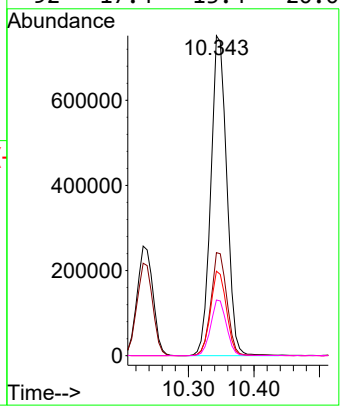


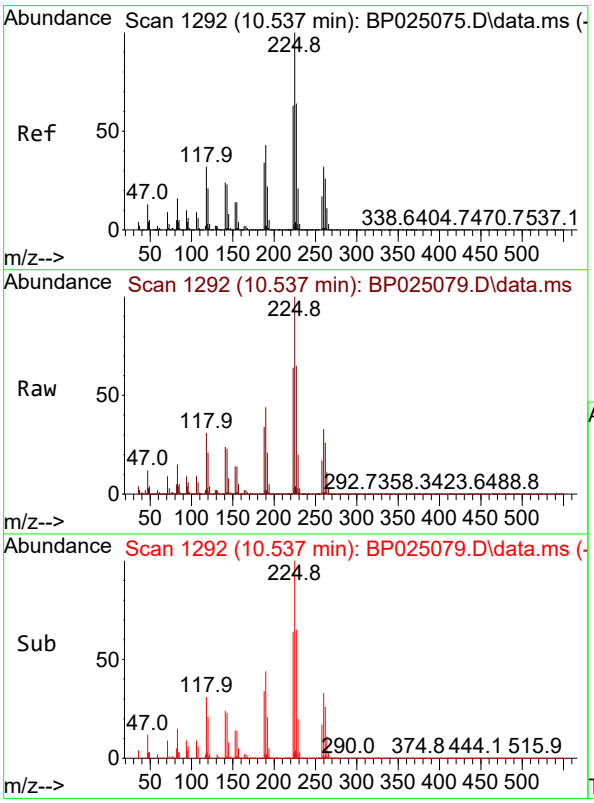
#33
4-Chloroaniline
Concen: 40.229 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:127 Resp: 1265959

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	26.4	21.0	31.6
92	17.4	13.4	20.0

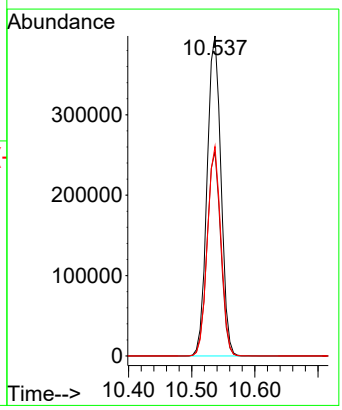


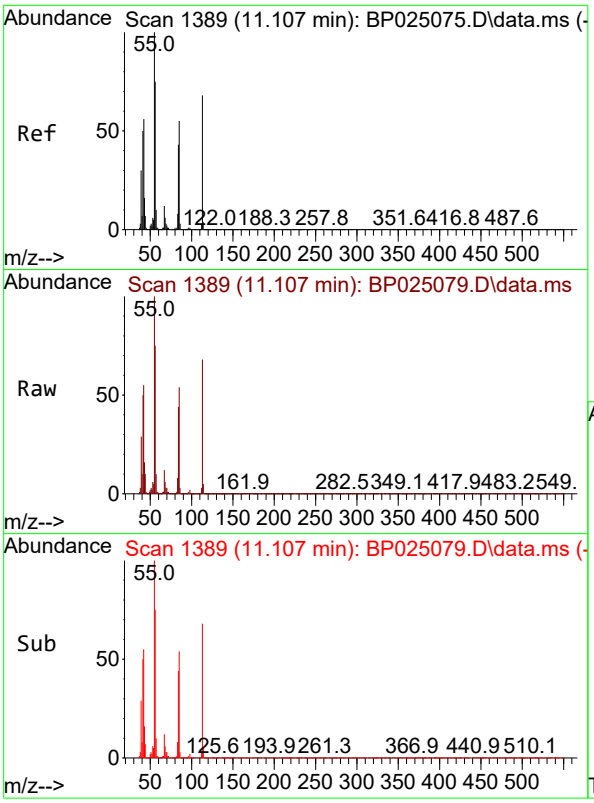


#34
Hexachlorobutadiene
Concen: 40.154 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:225 Resp: 607380

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	65.5	51.3	76.9



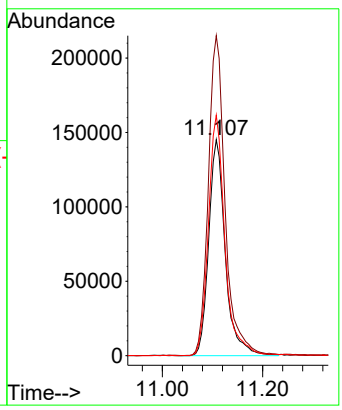


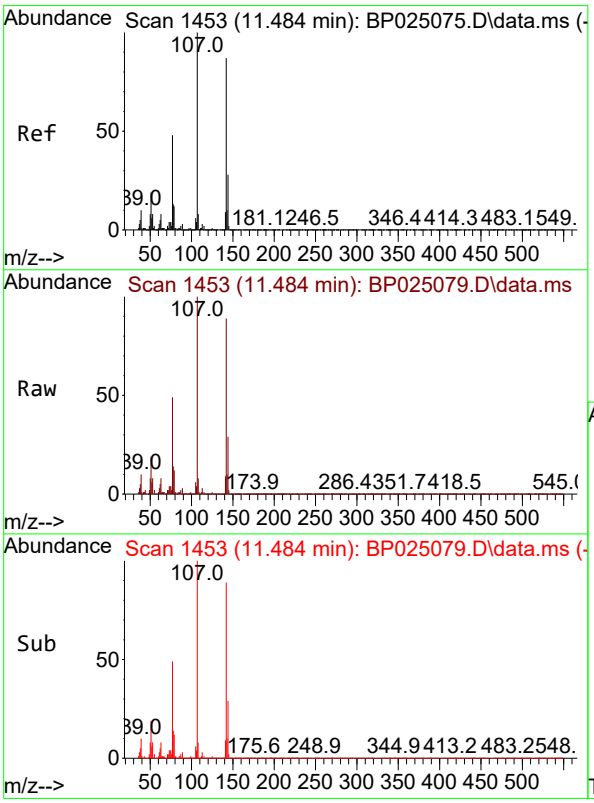
#35
Caprolactam
Concen: 40.864 ng
RT: 11.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:113 Resp: 332744

Ion	Ratio	Lower	Upper
113	100		
55	148.1	128.1	168.1
56	111.3	90.7	130.7

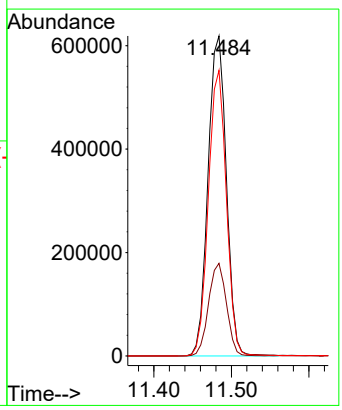


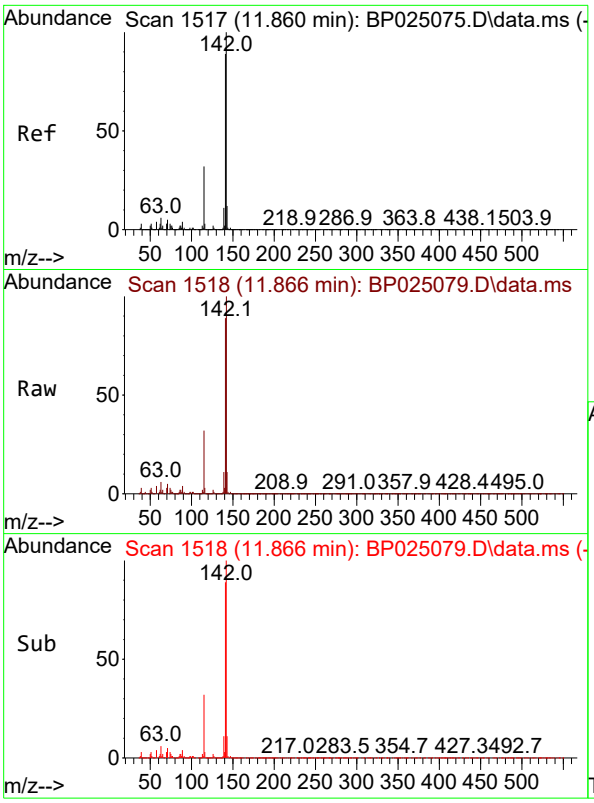


#36
4-Chloro-3-methylphenol
Concen: 40.967 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:107 Resp: 1018998

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.4	33.6
142	89.3	69.6	104.4



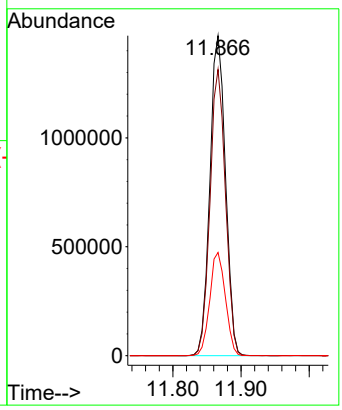


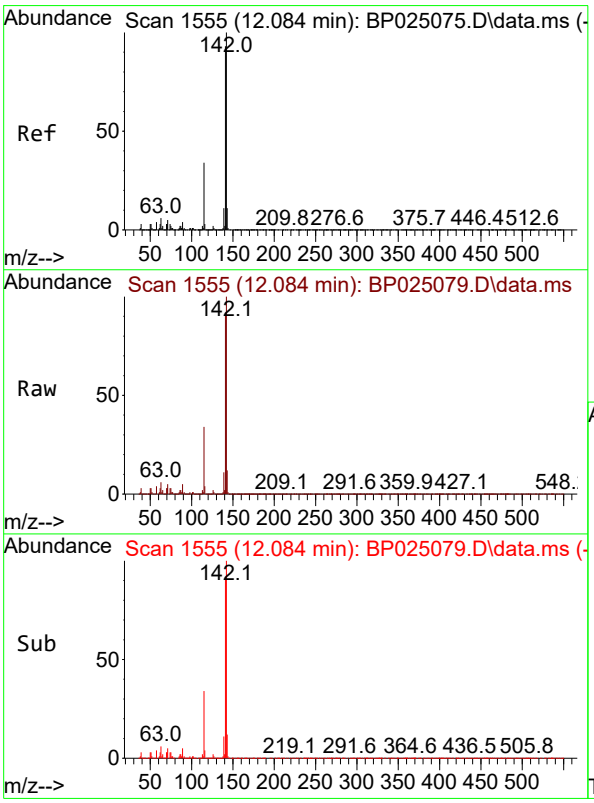
#37
2-Methylnaphthalene
Concen: 39.345 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:142 Resp: 2340864

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	32.3	25.9	38.9

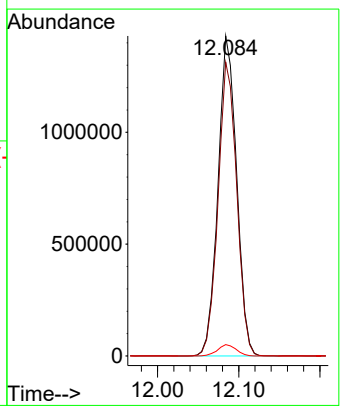


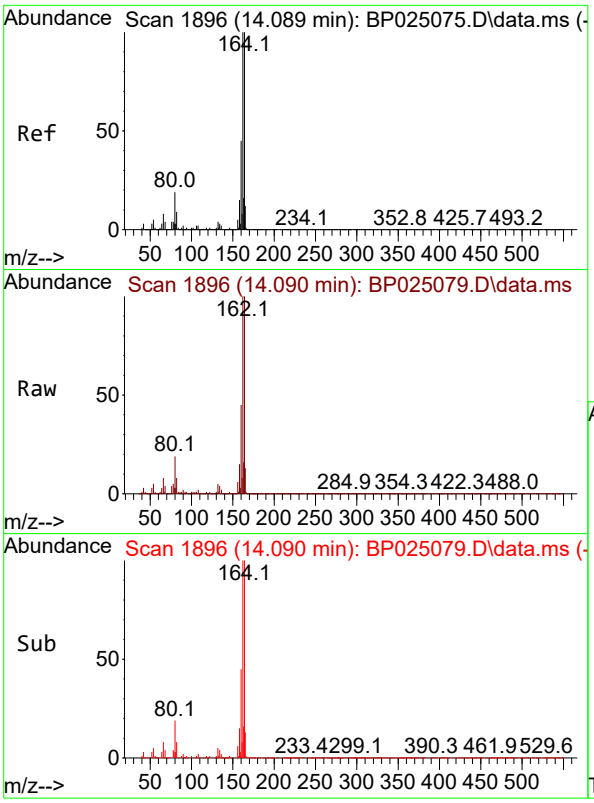


#38
1-Methylnaphthalene
Concen: 39.301 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:142 Resp: 2280444

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.1	111.1
116	3.5	2.7	4.1



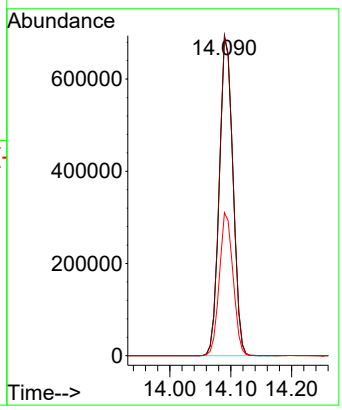


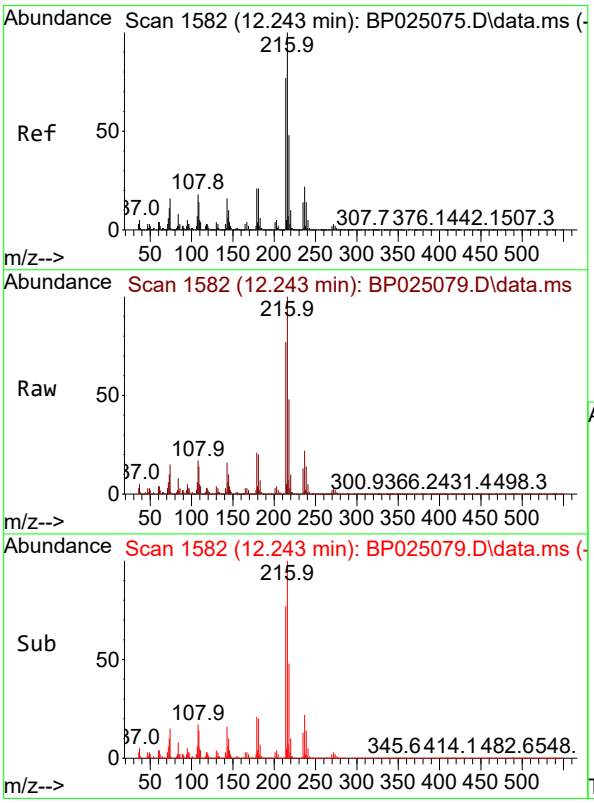
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:164 Resp: 1071158

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.3	120.5
160	44.8	35.9	53.9

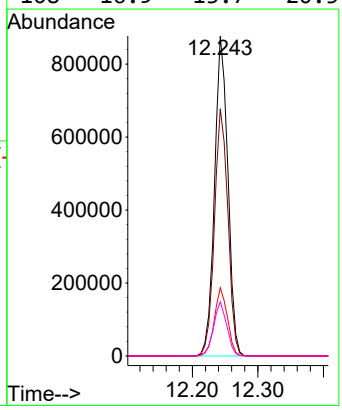


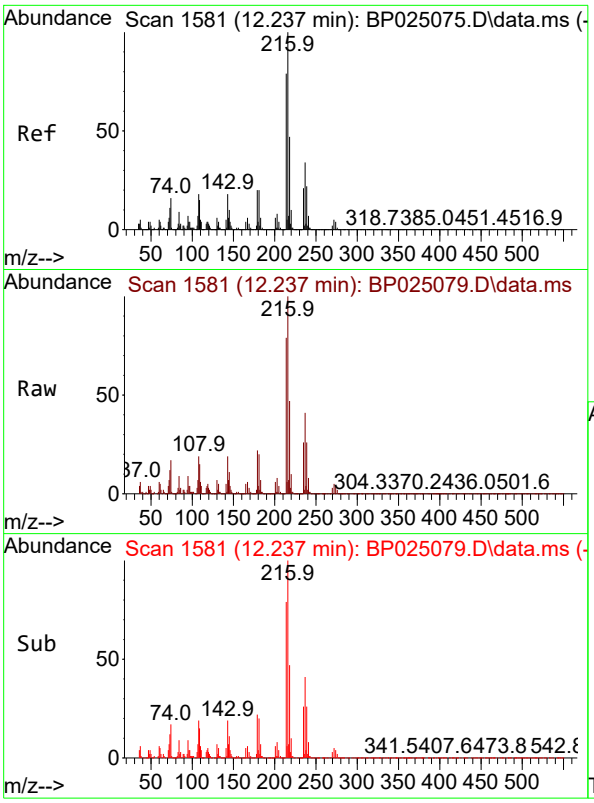


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.072 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:216 Resp: 1233612

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.4	93.6
179	20.8	16.5	24.7
108	16.9	13.7	20.5



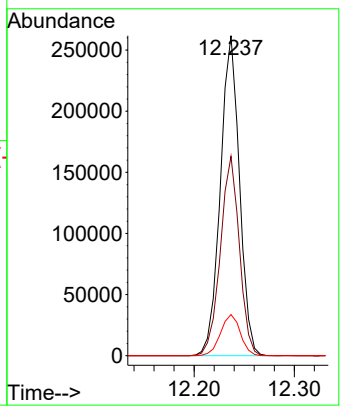


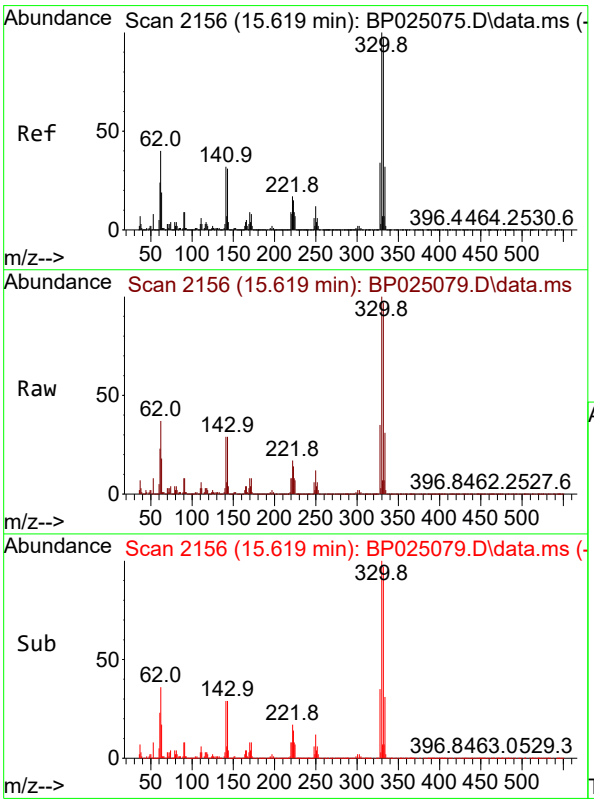
#41
Hexachlorocyclopentadiene
Concen: 42.989 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:237 Resp: 345683

Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.6	81.6
272	12.9	0.0	33.6

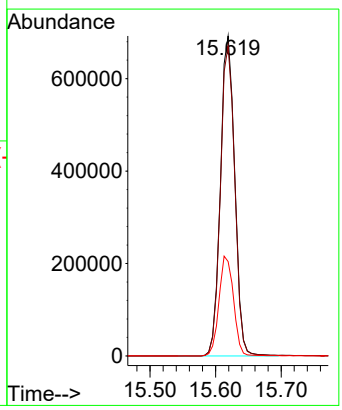


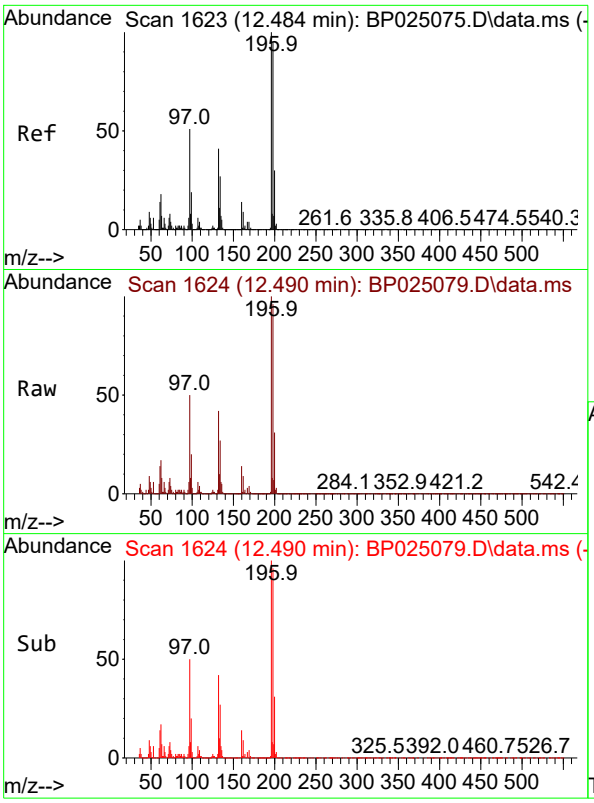


#42
2,4,6-Tribromophenol
Concen: 82.624 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:330 Resp: 1045523

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	31.7	26.0	39.0



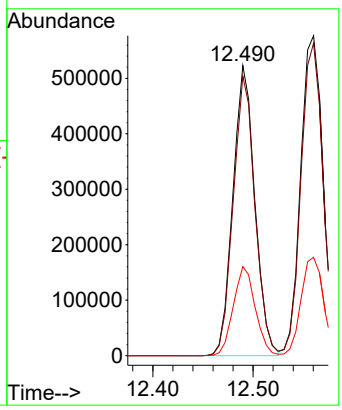


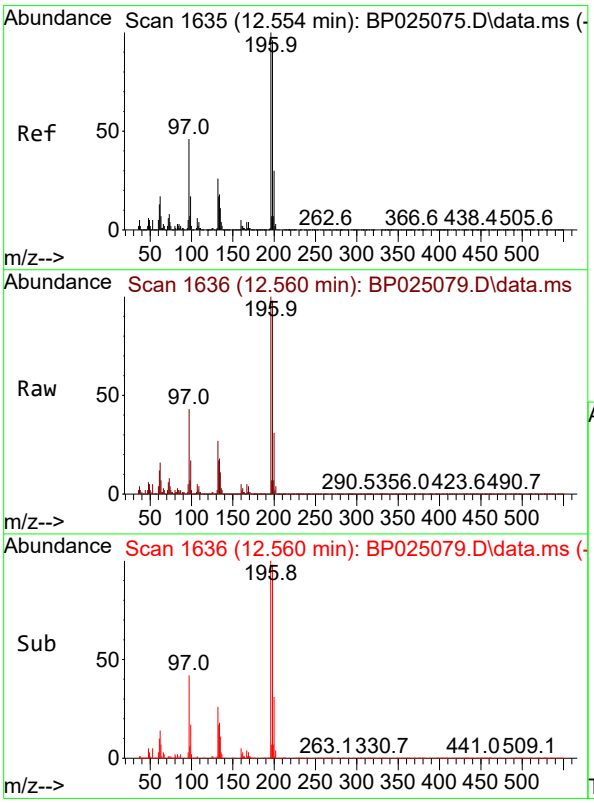
#43
2,4,6-Trichlorophenol
Concen: 42.646 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:196 Resp: 794957

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.2	114.2
200	30.7	24.3	36.5

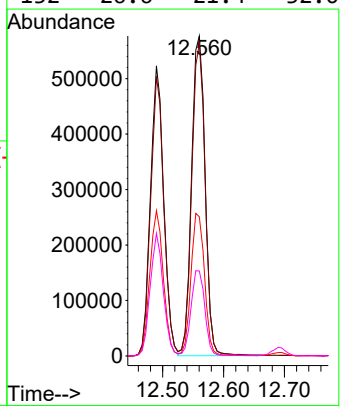


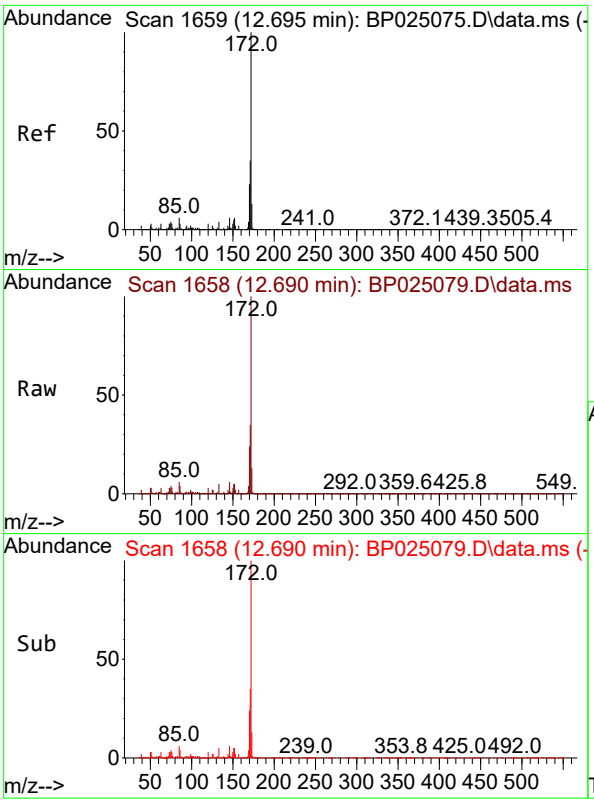


#44
2,4,5-Trichlorophenol
Concen: 42.335 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:196 Resp: 894337

Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.6	115.0
97	43.5	36.6	55.0
132	26.6	21.4	32.0



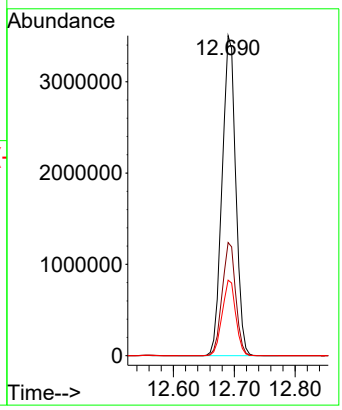


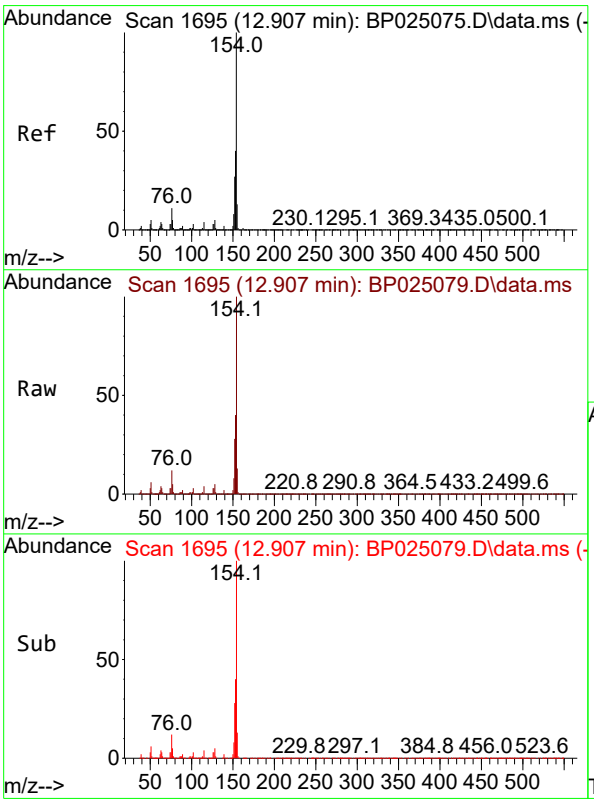
#45
2-Fluorobiphenyl
Concen: 78.712 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:172 Resp: 5442492

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.6	18.7	28.1

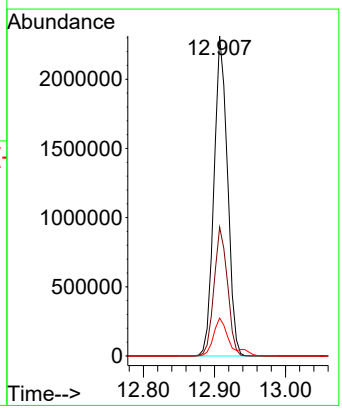


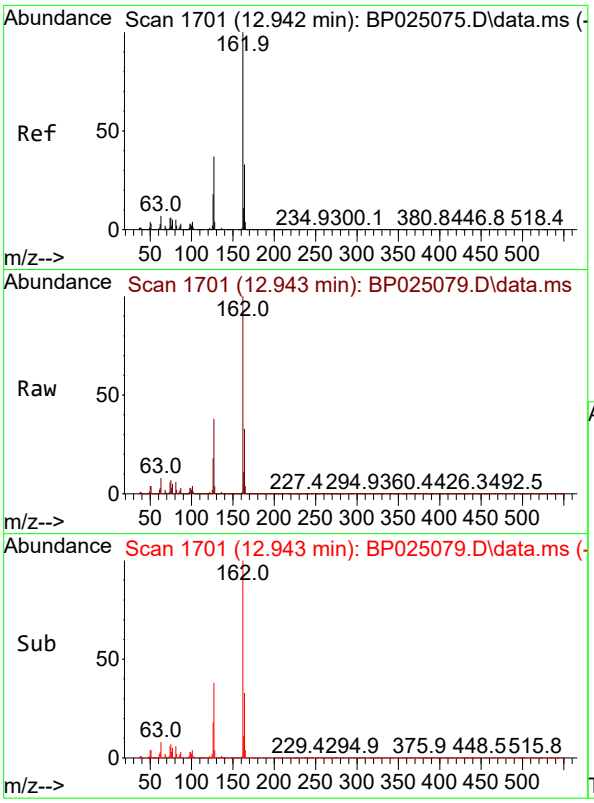


#46
1,1'-Biphenyl
Concen: 39.032 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:154 Resp: 3042013

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	11.9	0.0	31.5



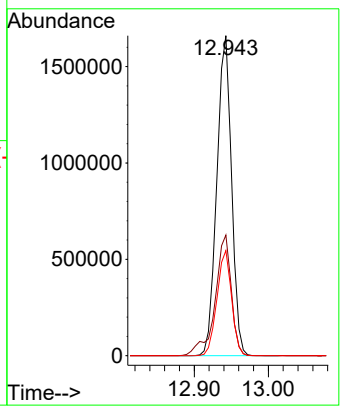


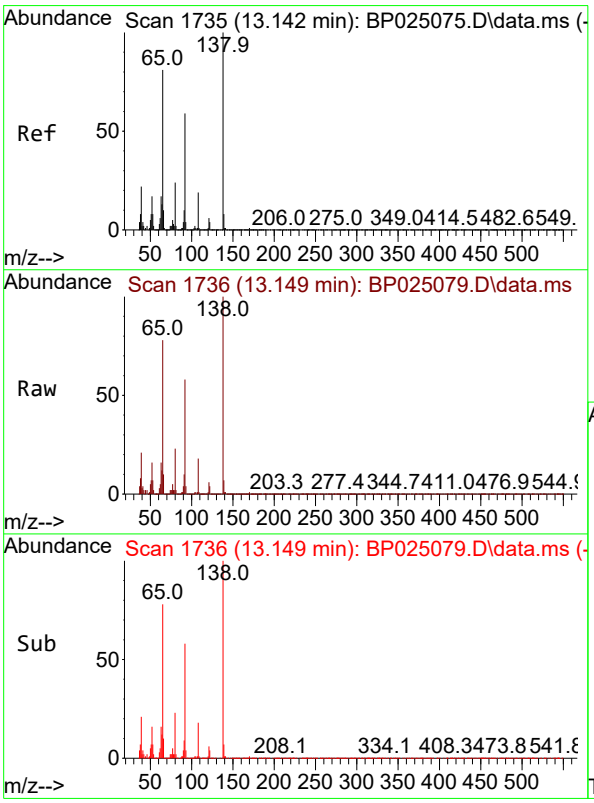
#47
2-Chloronaphthalene
Concen: 39.210 ng
RT: 12.943 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:162 Resp: 2296829

Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.4	44.2
164	32.9	26.4	39.6

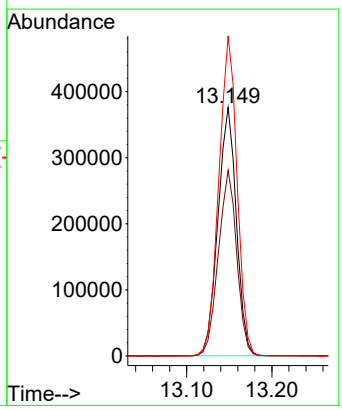


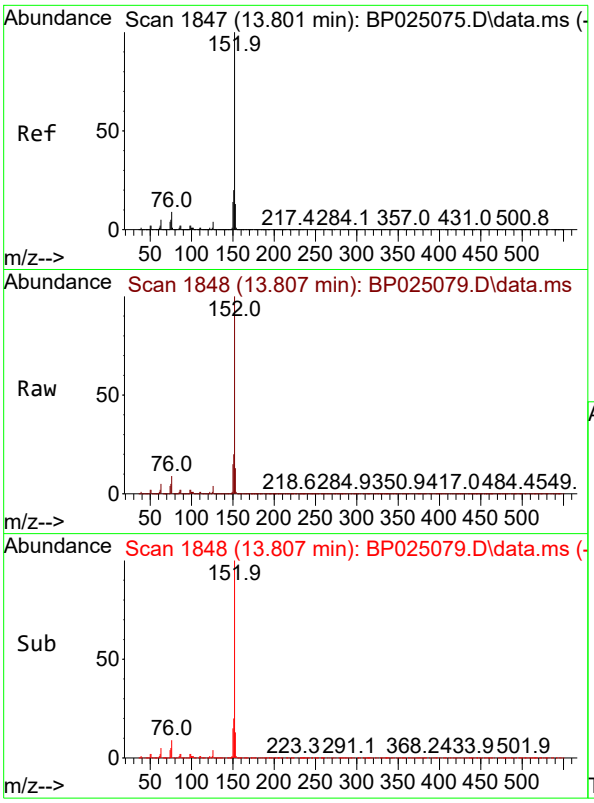


#48
2-Nitroaniline
Concen: 39.894 ng
RT: 13.149 min Scan# 1736
Delta R.T. 0.007 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 65 Resp: 565340

Ion	Ratio	Lower	Upper
65	100		
92	74.7	58.7	88.1
138	128.8	99.0	148.4



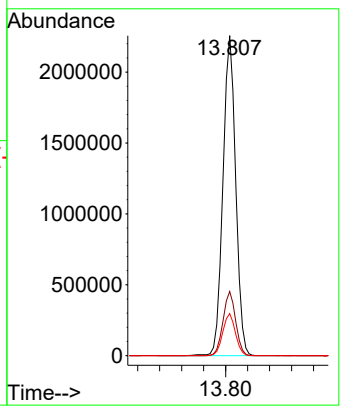


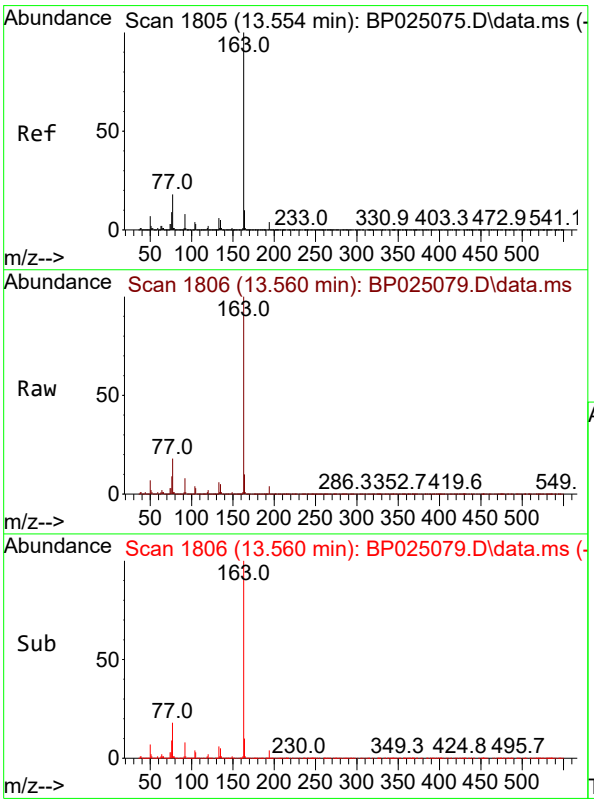
#49
Acenaphthylene
Concen: 40.431 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:152 Resp: 3624825

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.2	10.7	16.1

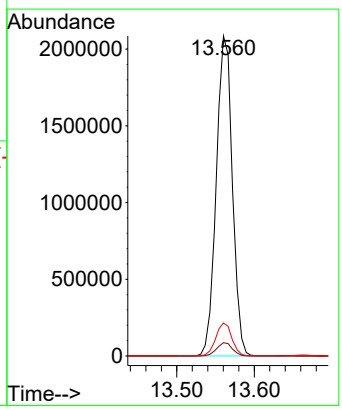


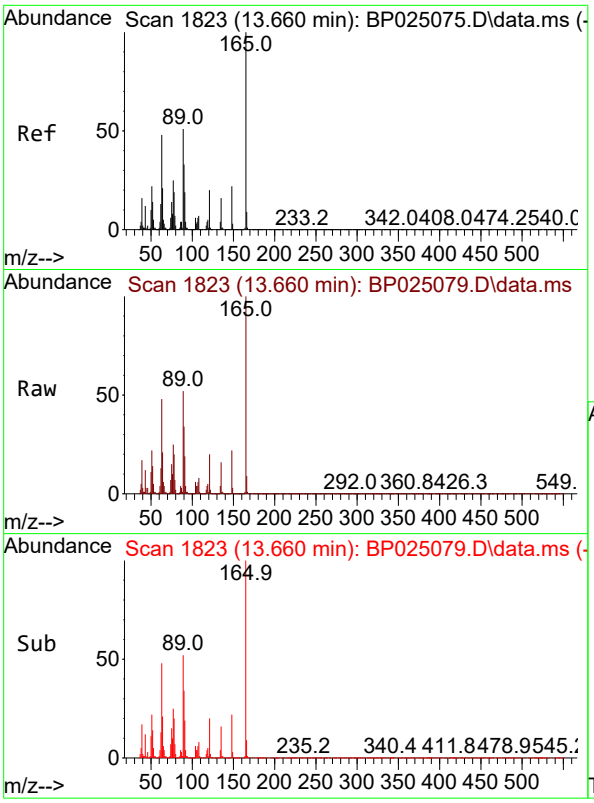


#50
Dimethylphthalate
Concen: 40.131 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:163 Resp: 3009077

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.0	12.0



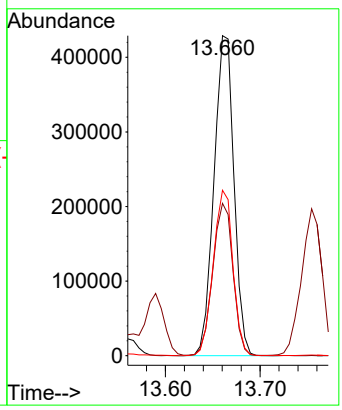


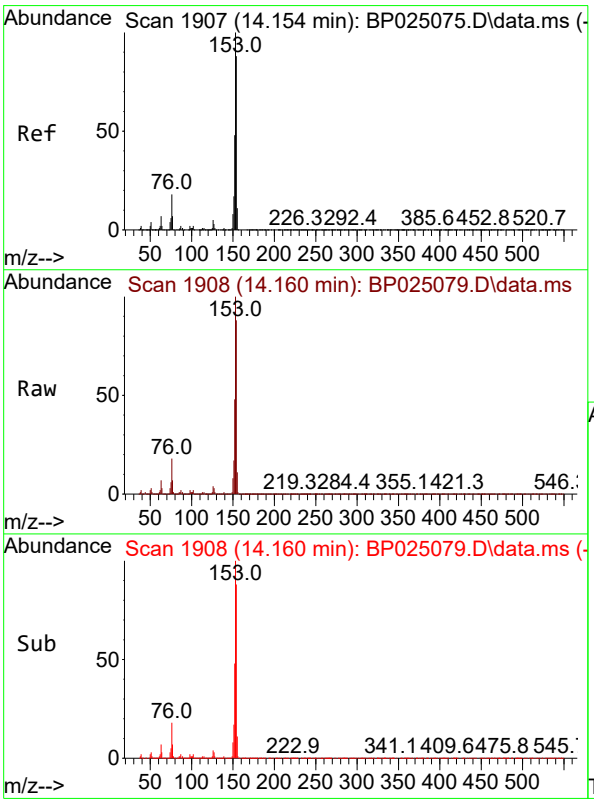
#51
2,6-Dinitrotoluene
Concen: 42.919 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:165 Resp: 627637

Ion	Ratio	Lower	Upper
165	100		
63	47.6	38.5	57.7
89	51.7	40.6	61.0

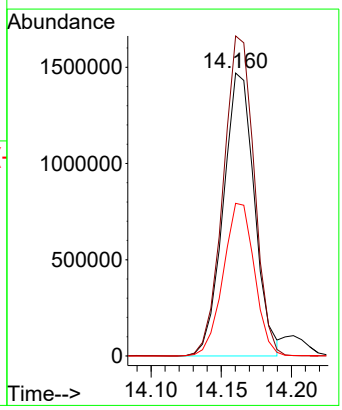


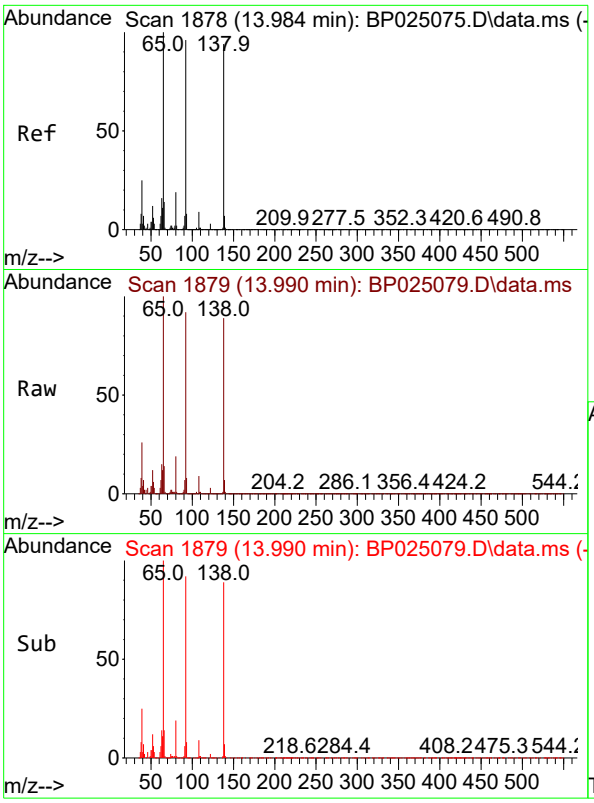


#52
Acenaphthene
Concen: 39.318 ng m
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:154 Resp: 2271995

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.6	136.0
152	54.0	43.8	65.8



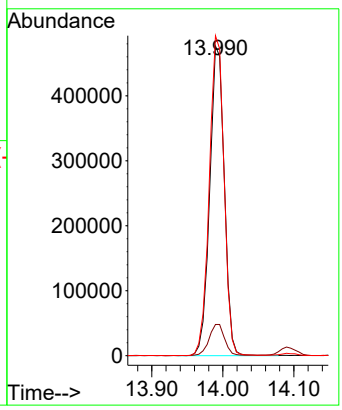


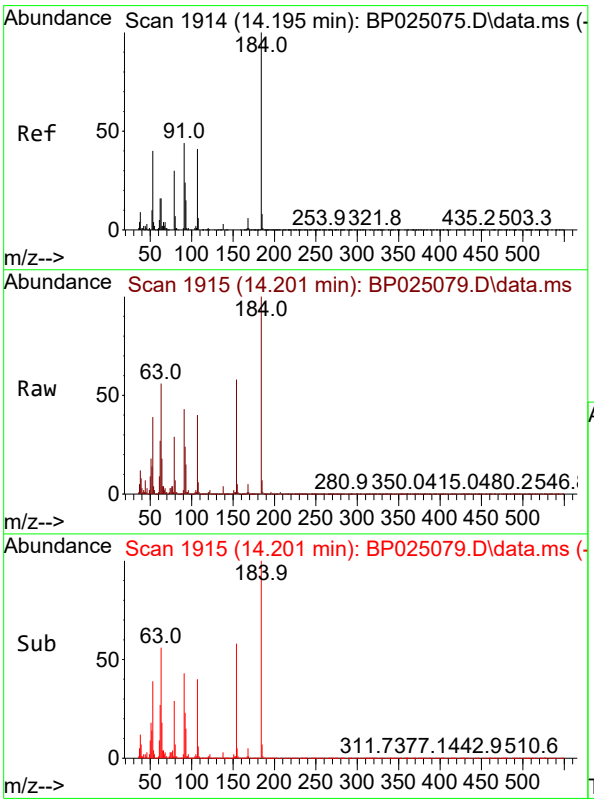
#53
3-Nitroaniline
Concen: 43.418 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:138 Resp: 680440

Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	103.4	81.0	121.4

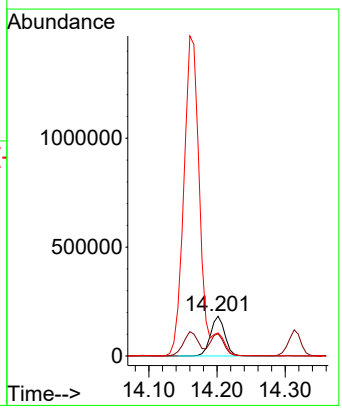


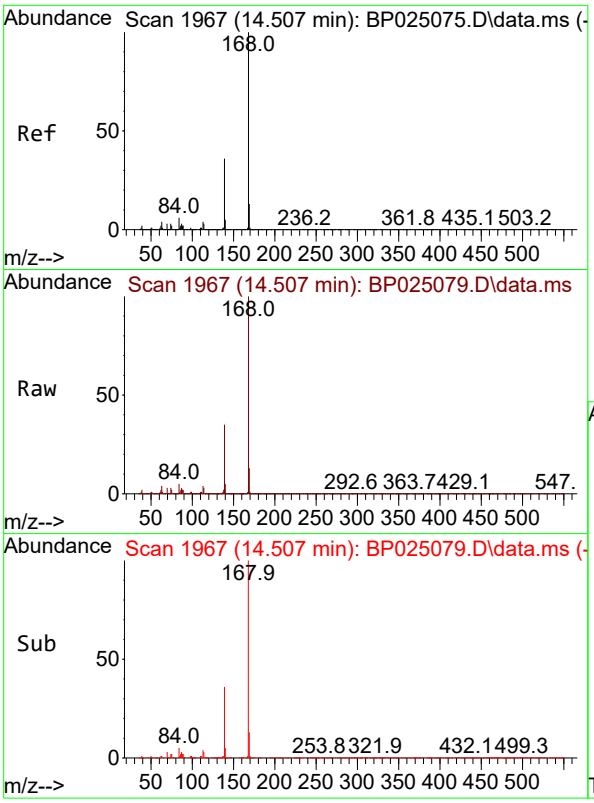


#54
2,4-Dinitrophenol
Concen: 40.066 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:184 Resp: 265751

Ion	Ratio	Lower	Upper
184	100		
63	56.1	47.4	71.0
154	58.1	47.8	71.8



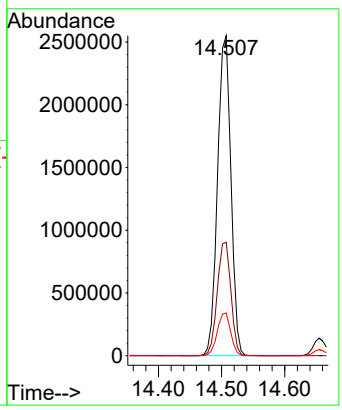


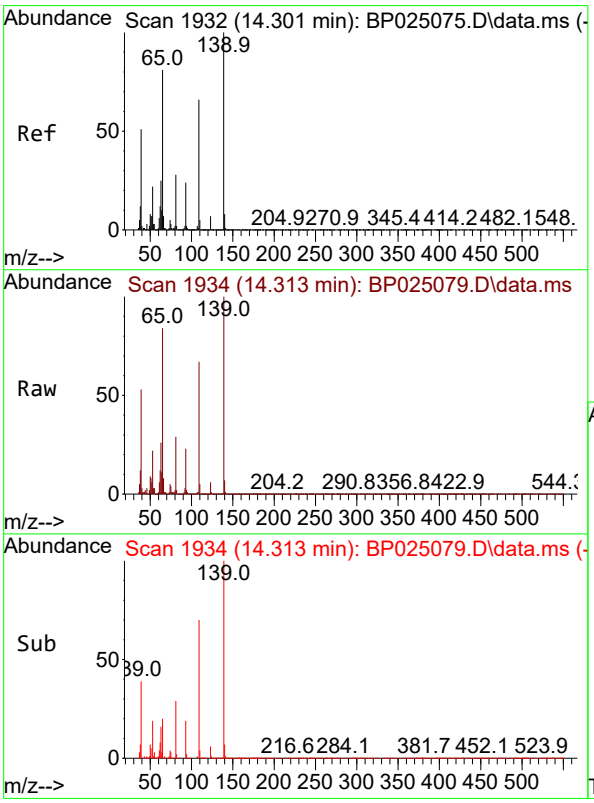
#55
Dibenzofuran
Concen: 39.220 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:168 Resp: 3740234

Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.6	43.0
169	13.4	10.7	16.1

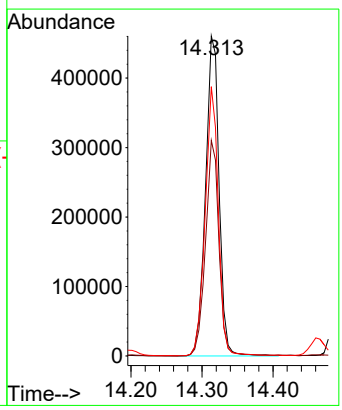


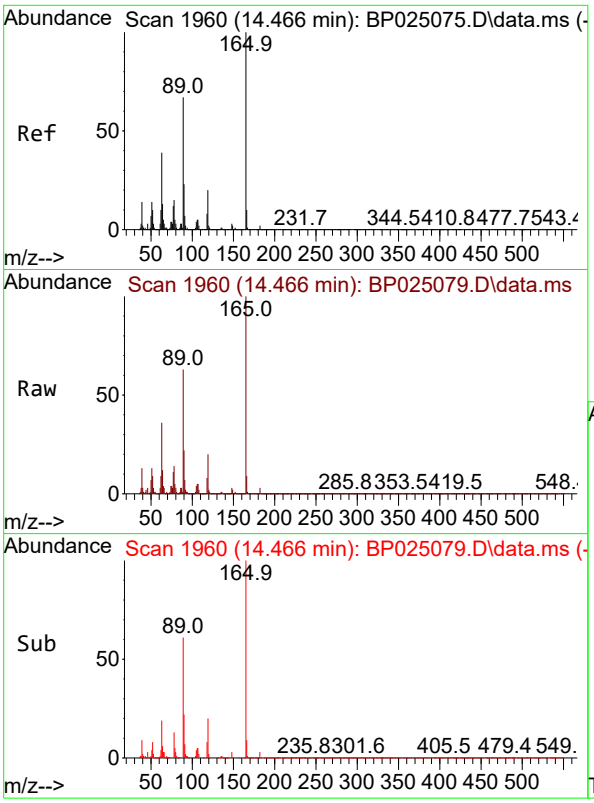


#56
4-Nitrophenol
Concen: 42.369 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:139 Resp: 612774

Ion	Ratio	Lower	Upper
139	100		
109	67.3	45.9	85.9
65	84.2	61.4	101.4



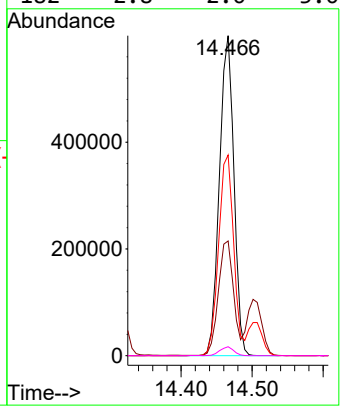


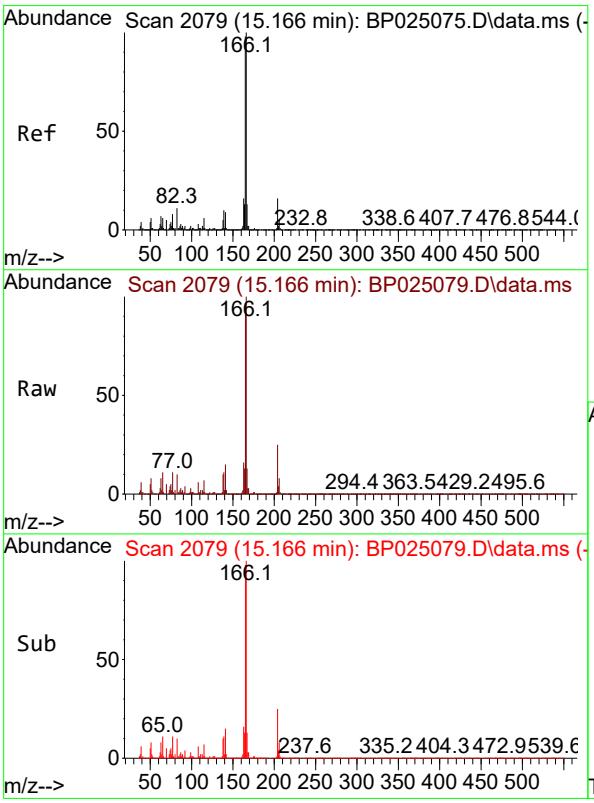
#57
2,4-Dinitrotoluene
Concen: 39.932 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:165 Resp: 846954

Ion	Ratio	Lower	Upper
165	100		
63	35.8	31.0	46.4
89	62.7	53.4	80.0
182	2.8	2.0	3.0

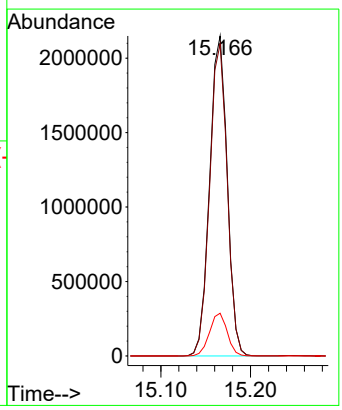


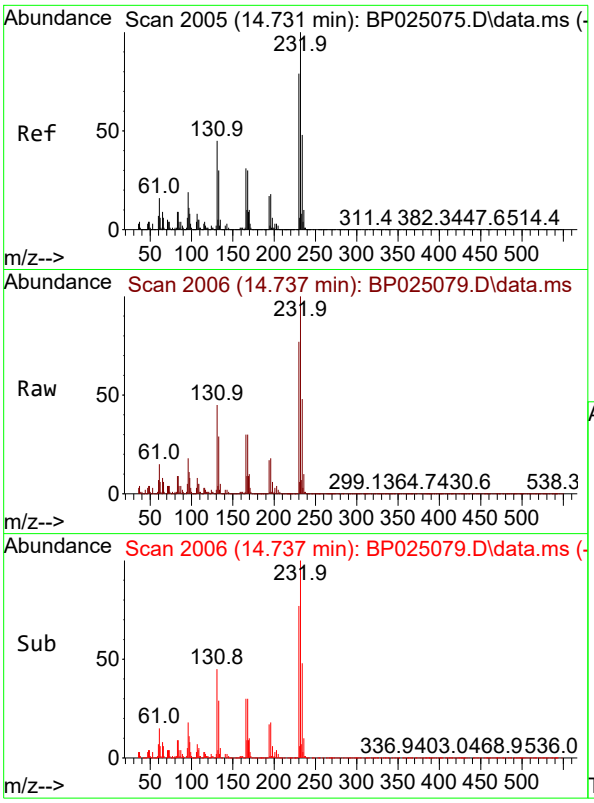


#58
Fluorene
Concen: 39.662 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:166 Resp: 2925541

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.3	10.7	16.1



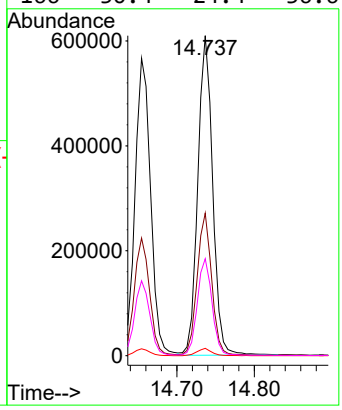


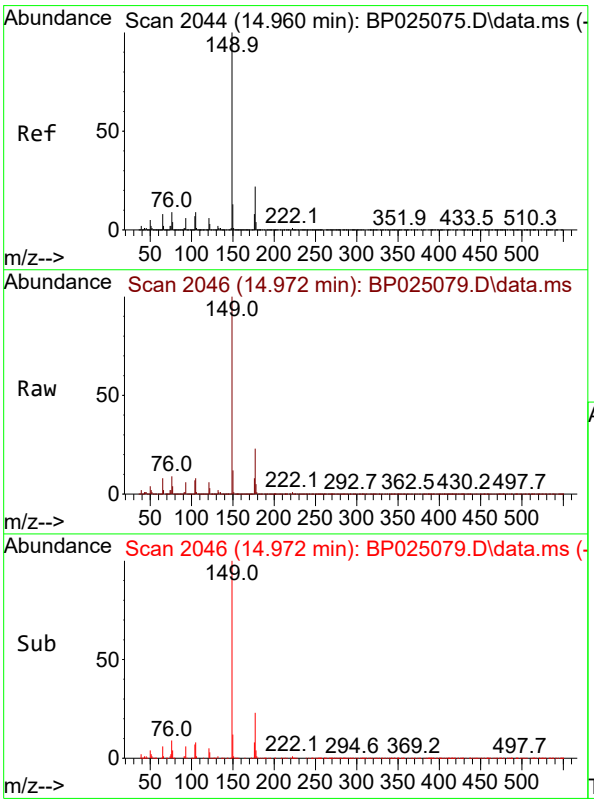
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.414 ng
RT: 14.737 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:232 Resp: 811401

Ion	Ratio	Lower	Upper
232	100		
131	43.6	35.7	53.5
130	2.2	1.8	2.6
166	30.4	24.4	36.6

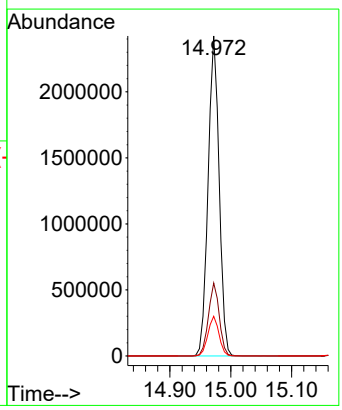


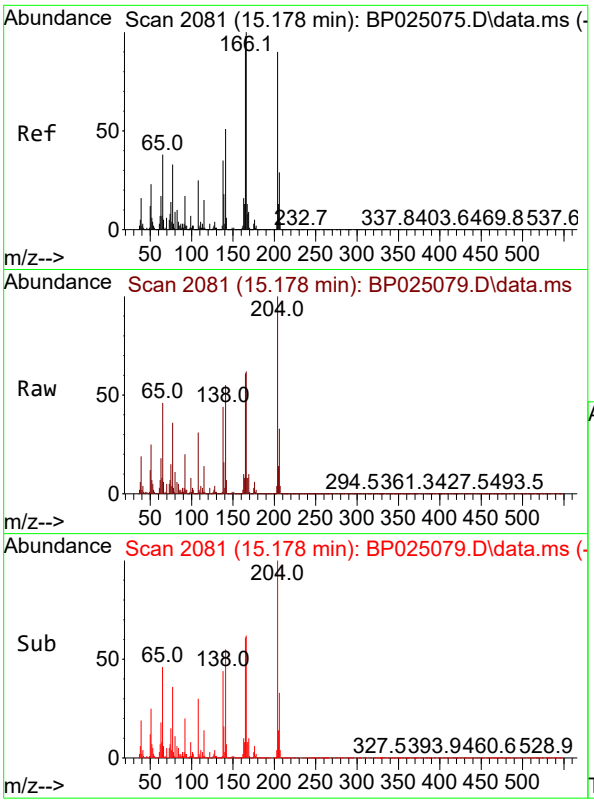


#60
Diethylphthalate
Concen: 40.587 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 3056611

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.8
150	12.4	10.2	15.2



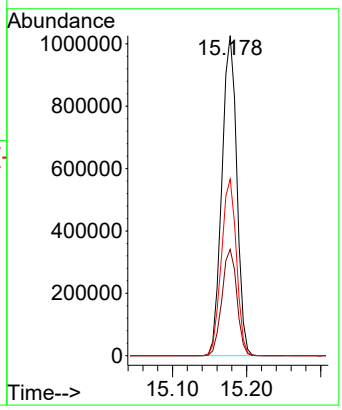


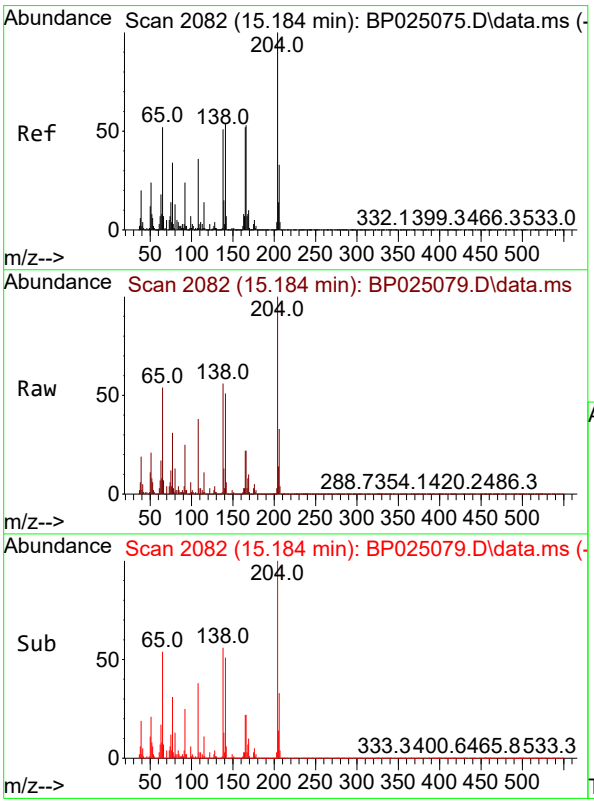
#61
4-Chlorophenyl-phenylether
Concen: 39.198 ng
RT: 15.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:204 Resp: 1430883

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.6
141	55.2	45.1	67.7

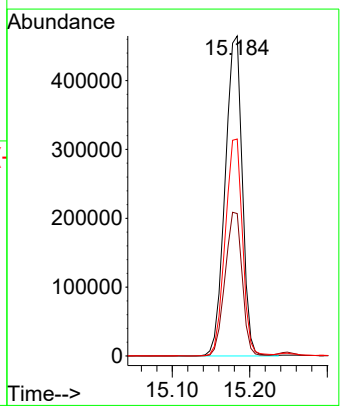


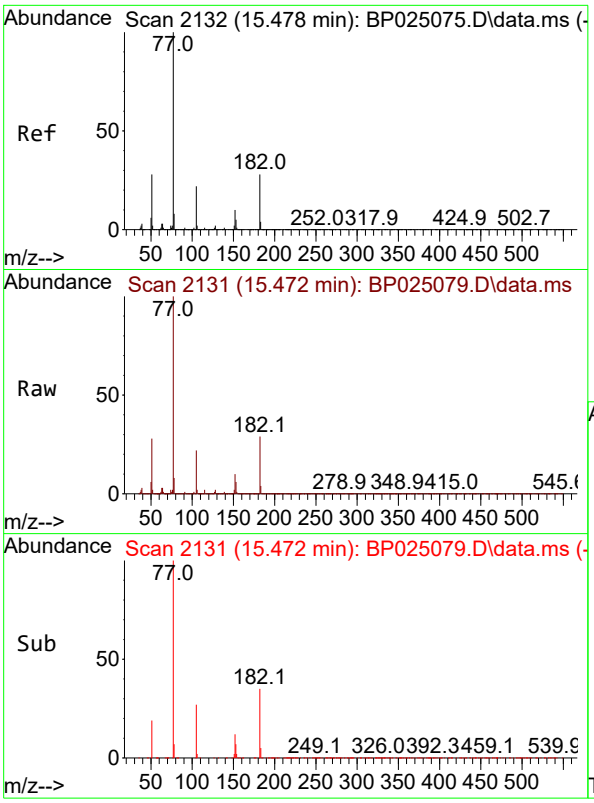


#62
4-Nitroaniline
Concen: 43.550 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:138 Resp: 715671

Ion	Ratio	Lower	Upper
138	100		
92	44.5	26.0	66.0
108	67.8	50.0	90.0



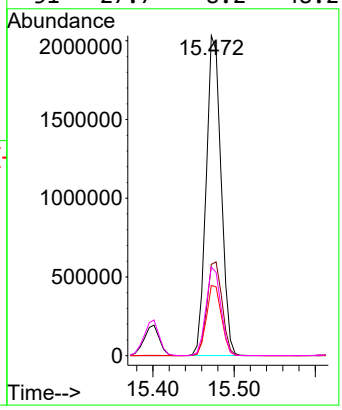


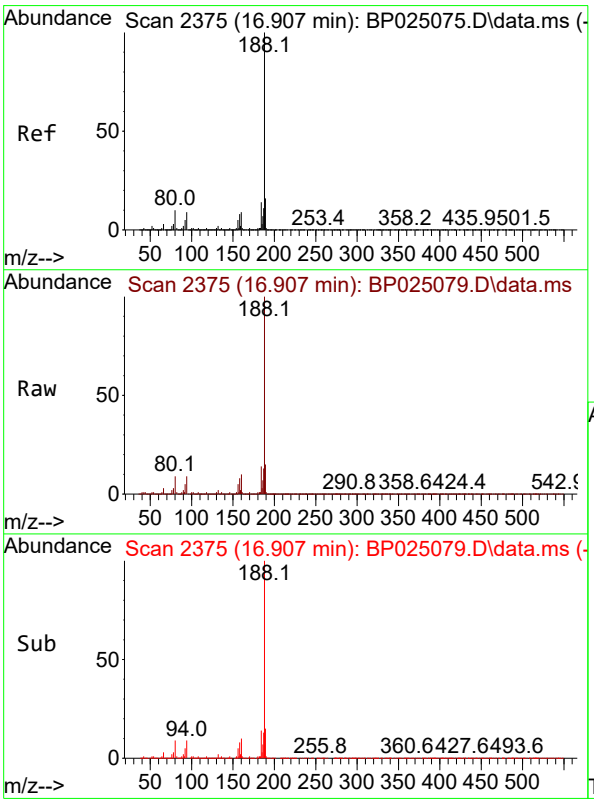
#63
Azobenzene
Concen: 38.583 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 77 Resp: 2587410

Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.7	47.7
105	22.0	1.9	41.9
51	27.7	8.2	48.2

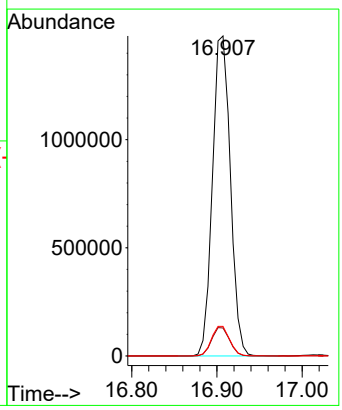


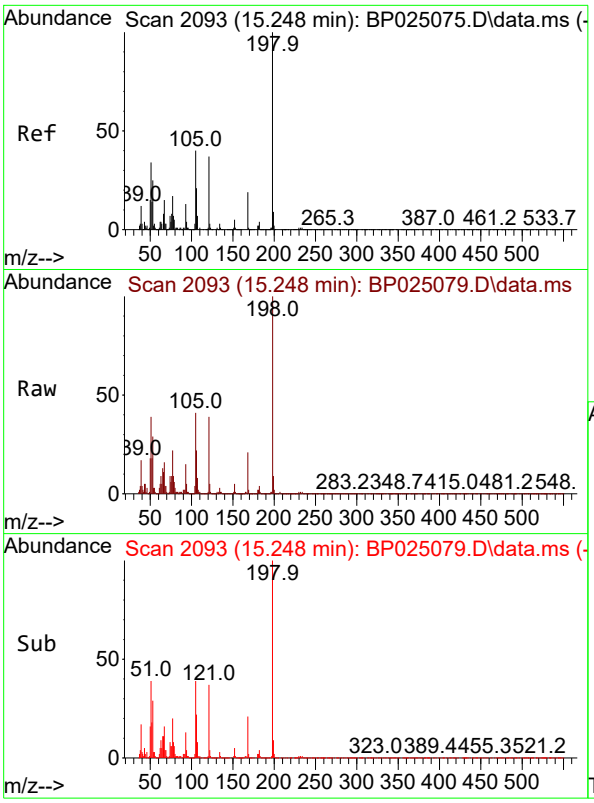


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:188 Resp: 2157756

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.3	7.8	11.6



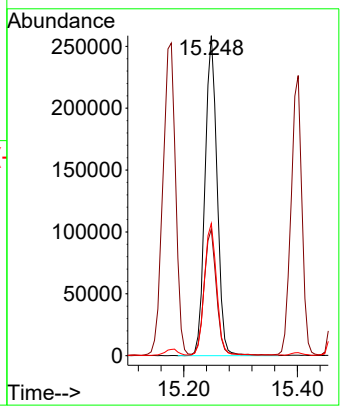


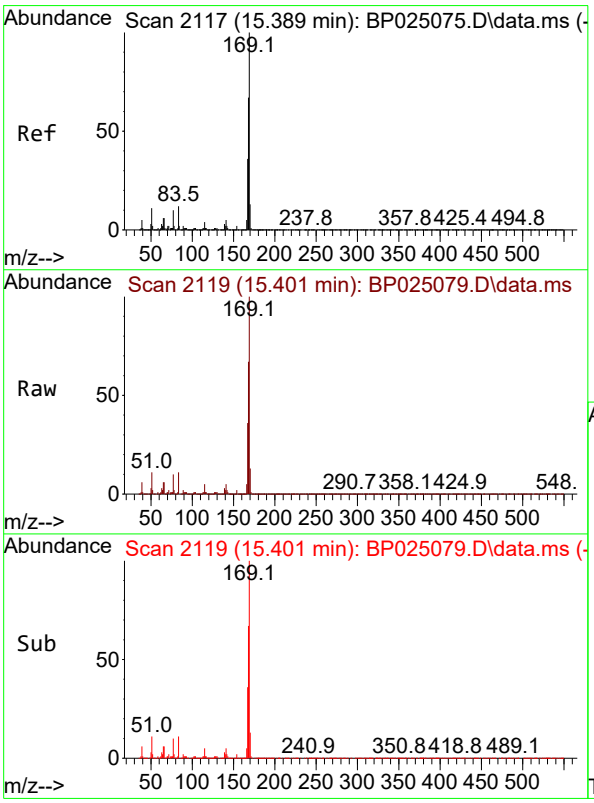
#65
4,6-Dinitro-2-methylphenol
Concen: 39.754 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:198 Resp: 379707

Ion	Ratio	Lower	Upper
198	100		
51	39.5	16.8	56.8
105	41.3	20.8	60.8

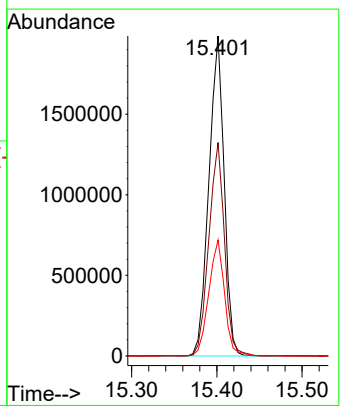


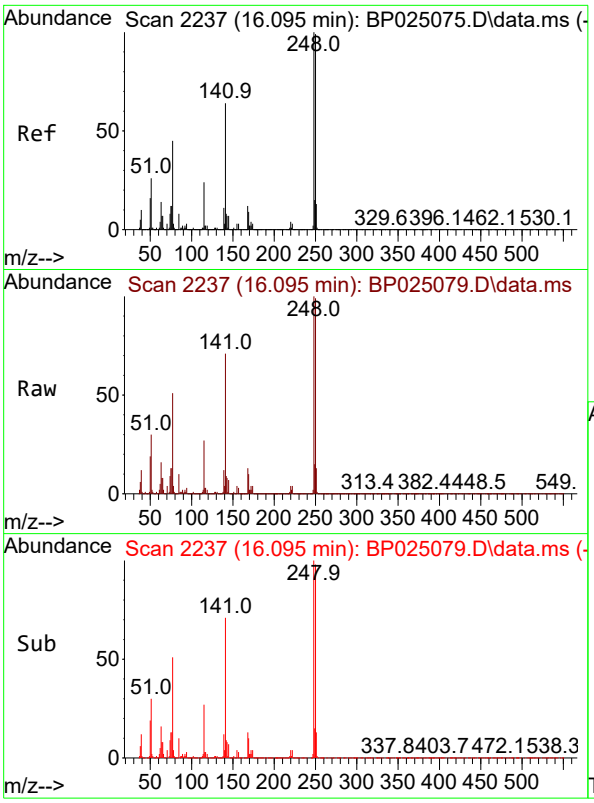


#66
n-Nitrosodiphenylamine
Concen: 40.039 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:169 Resp: 2472464

Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.1	81.1
167	36.2	29.0	43.6



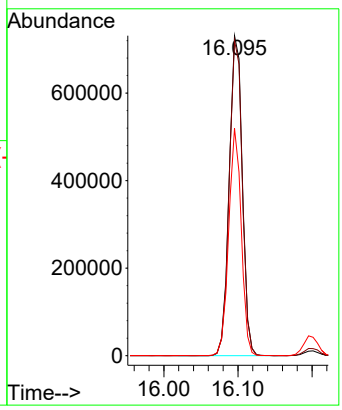


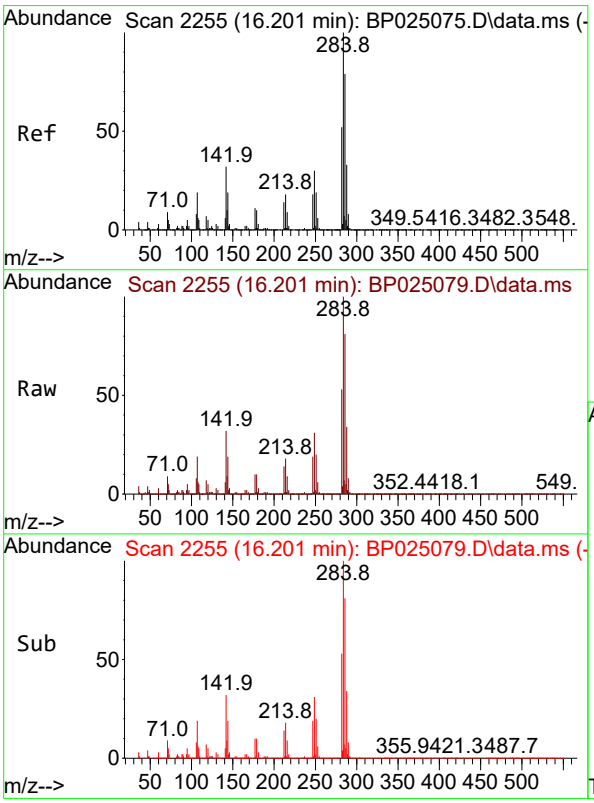
#67
4-Bromophenyl-phenylether
Concen: 40.486 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:248 Resp: 894455

Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.4	119.2
141	71.0	51.4	77.0

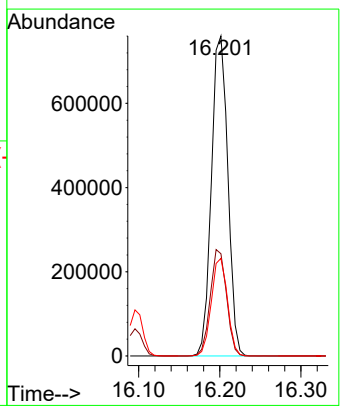


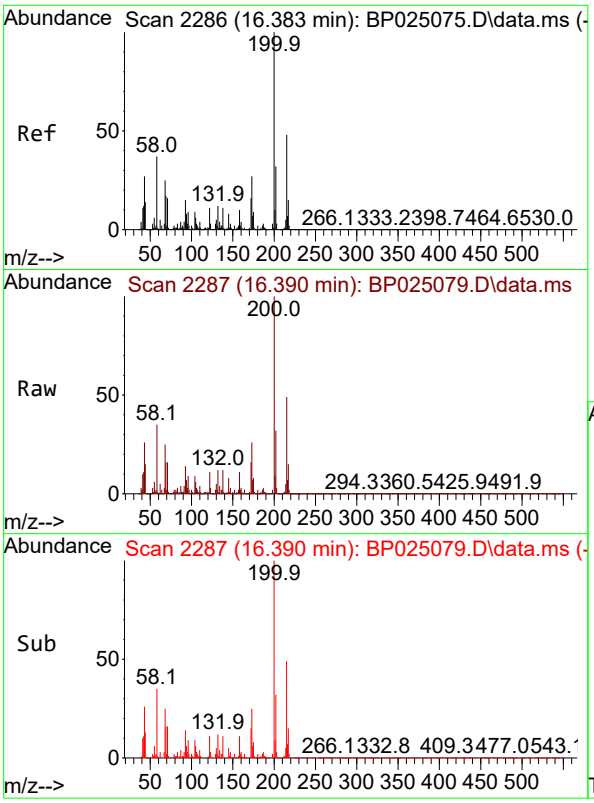


#68
Hexachlorobenzene
Concen: 39.499 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:284 Resp: 1066631

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	30.5	23.8	35.8



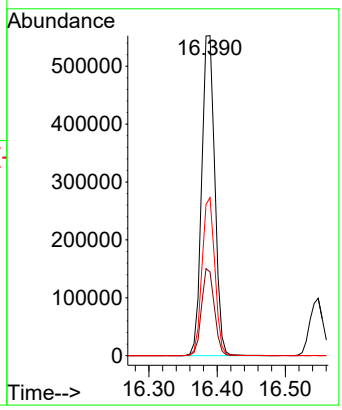


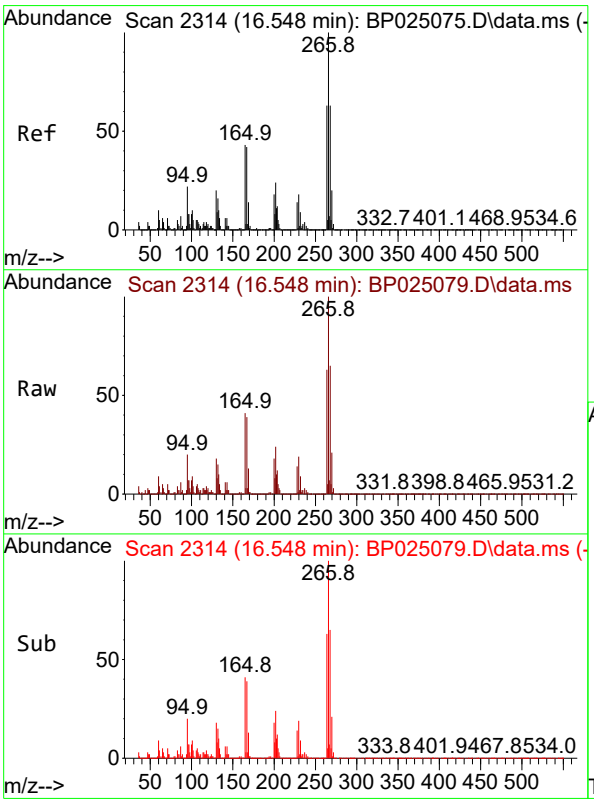
#69
Atrazine
Concen: 40.888 ng
RT: 16.390 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:200 Resp: 739881

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	49.4	28.0	68.0

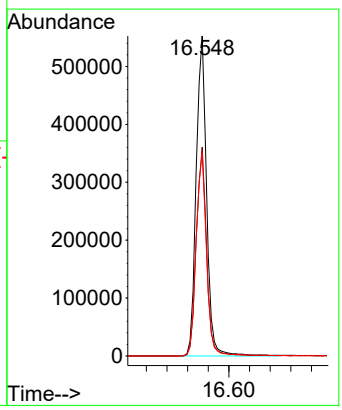


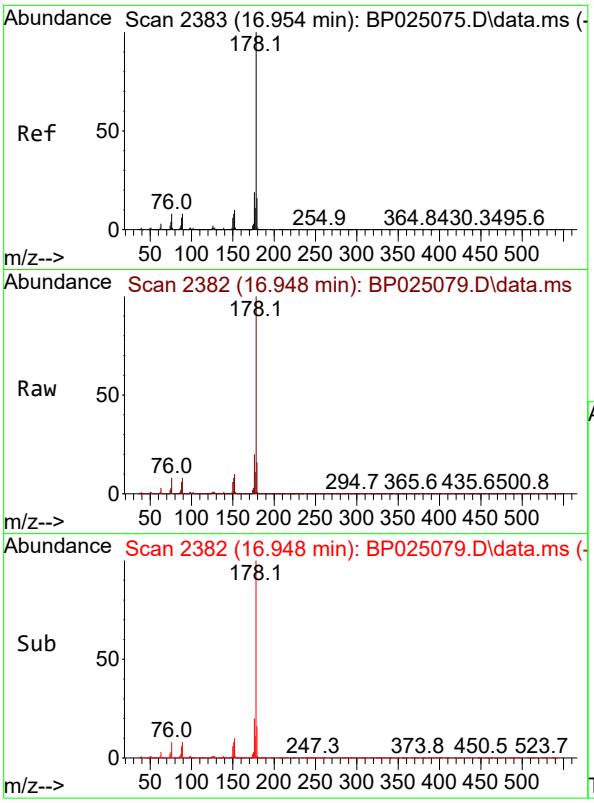


#70
Pentachlorophenol
Concen: 42.471 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:266 Resp: 774549

Ion	Ratio	Lower	Upper
266	100		
268	65.2	50.4	75.6
264	63.5	50.2	75.2



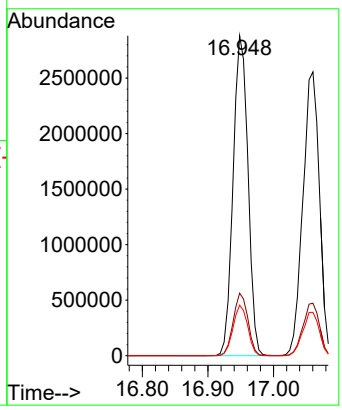


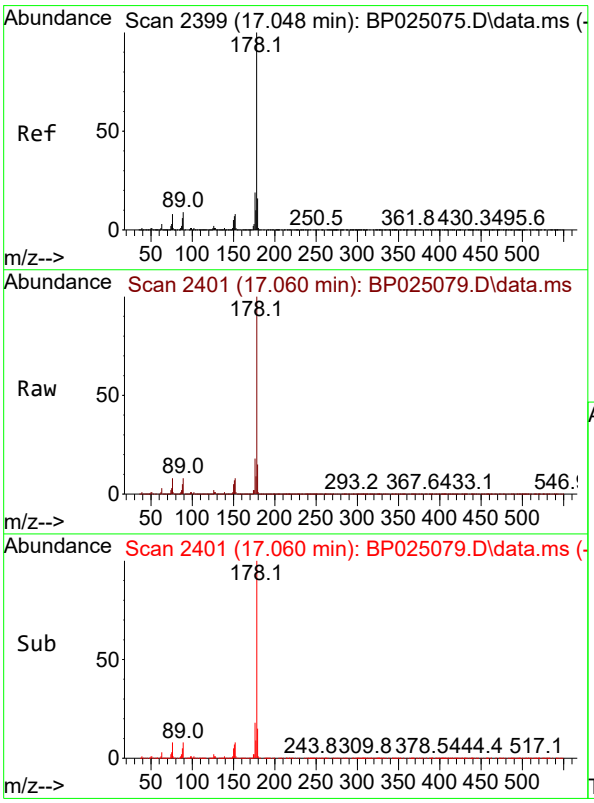
#71
Phenanthrene
Concen: 39.487 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:178 Resp: 4552722

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.6	19.0

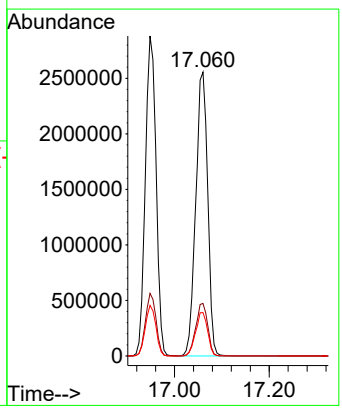


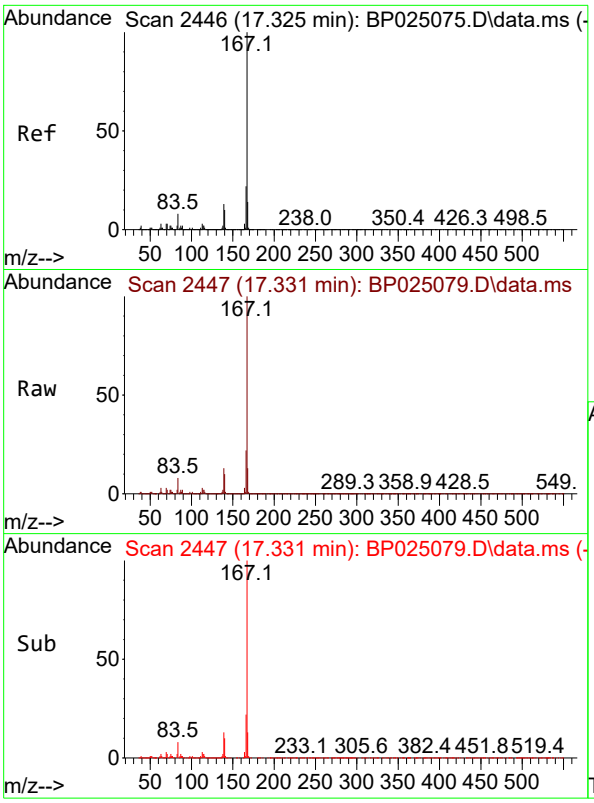


#72
Anthracene
Concen: 40.385 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:178 Resp: 4467088

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.3	12.5	18.7



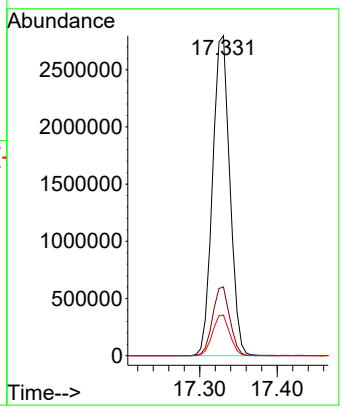


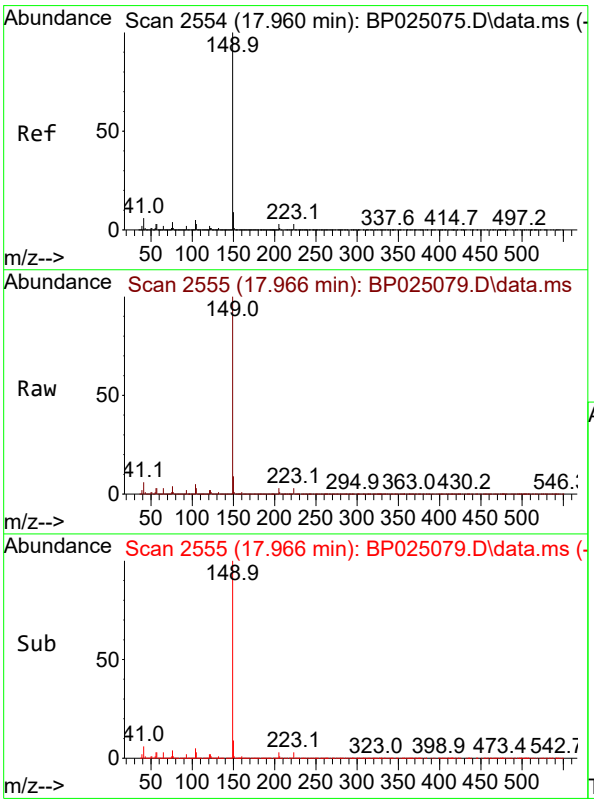
#73
Carbazole
Concen: 40.086 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:167 Resp: 4335399

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.7	10.4	15.6

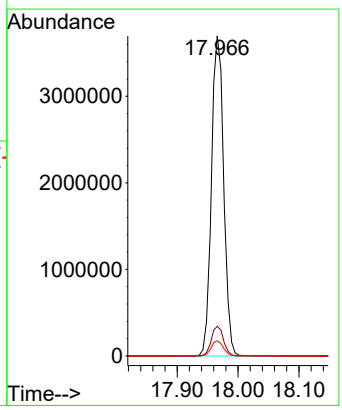


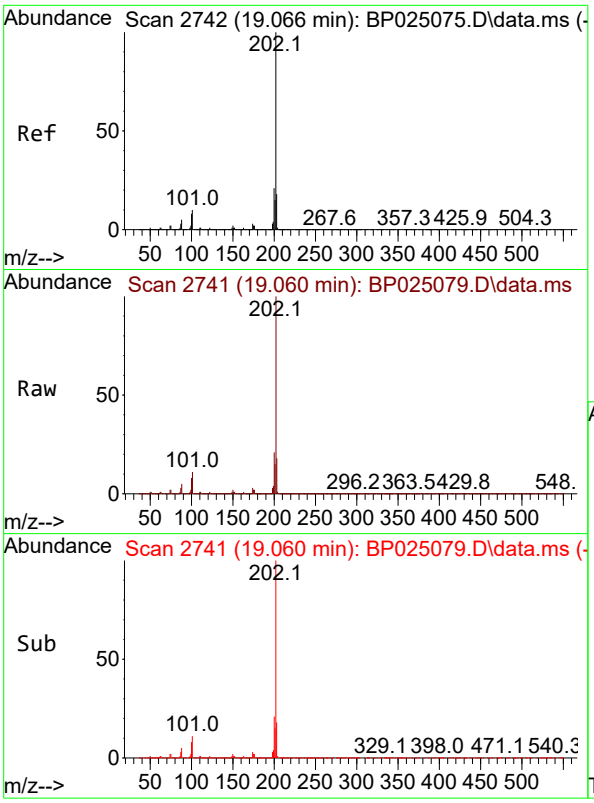


#74
Di-n-butylphthalate
Concen: 42.761 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 5149955

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.8	5.6



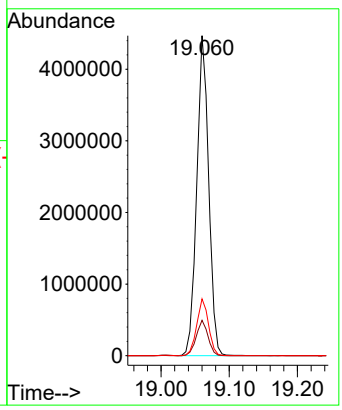


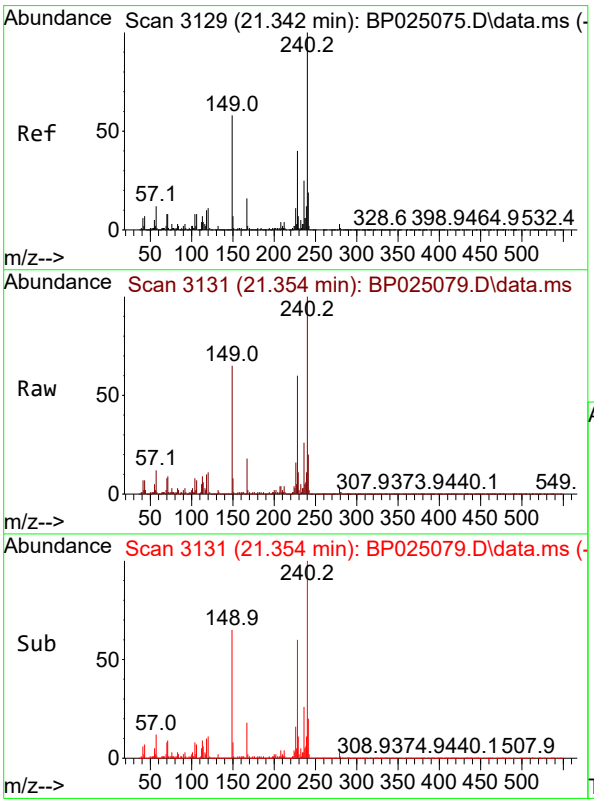
#75
Fluoranthene
Concen: 40.180 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:202 Resp: 5415104

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.4
203	17.8	0.0	37.6

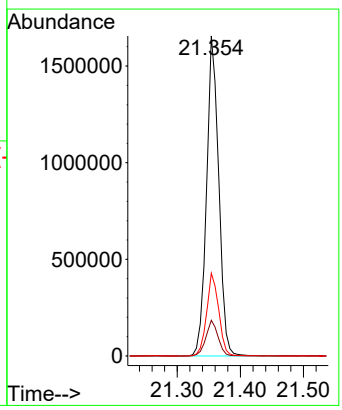


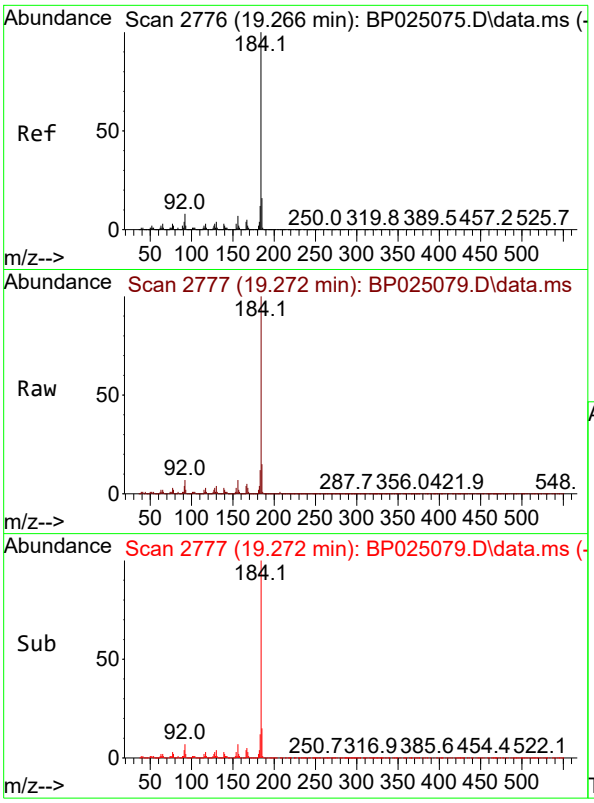


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:240 Resp: 2221808

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.9	20.3	30.5



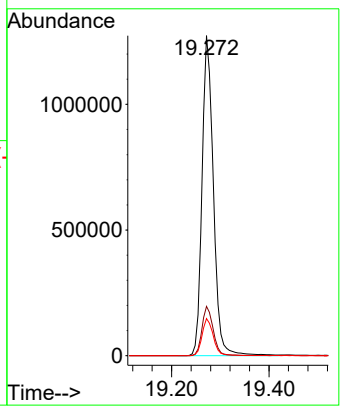


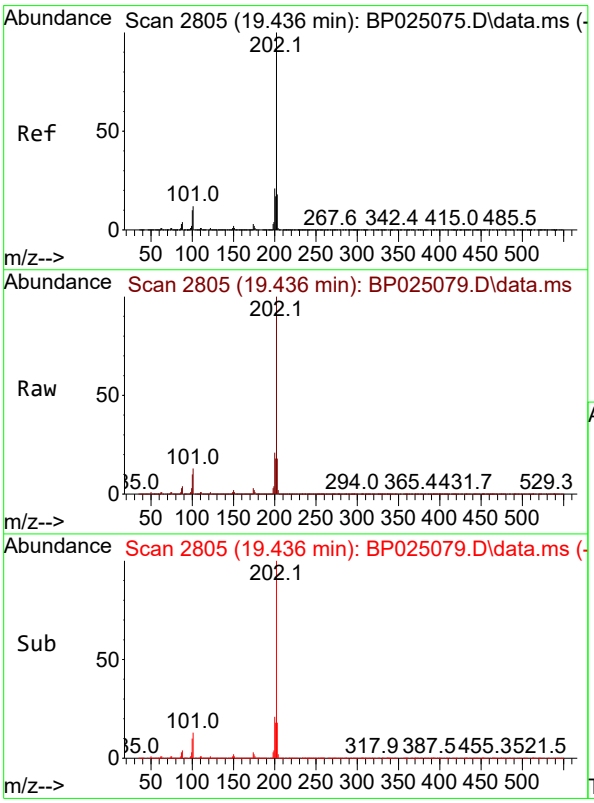
#77
Benzidine
Concen: 52.461 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:184 Resp: 2058569

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.6	9.4	14.2

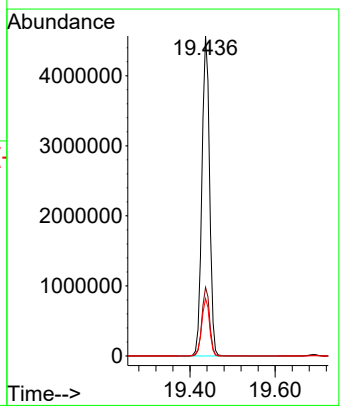


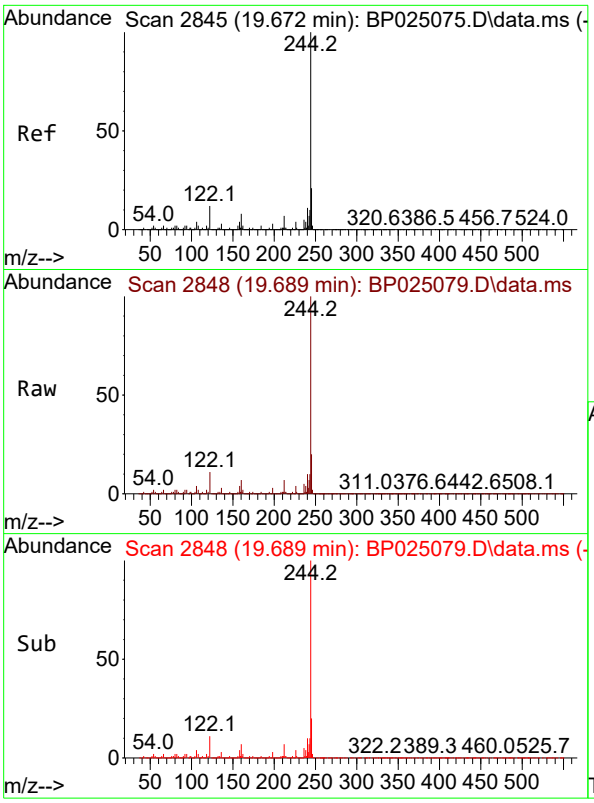


#78
Pyrene
Concen: 41.413 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:202 Resp: 5698991

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	18.0	14.1	21.1



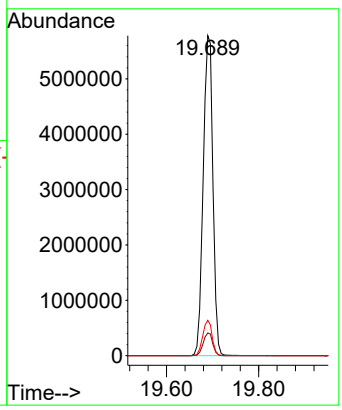


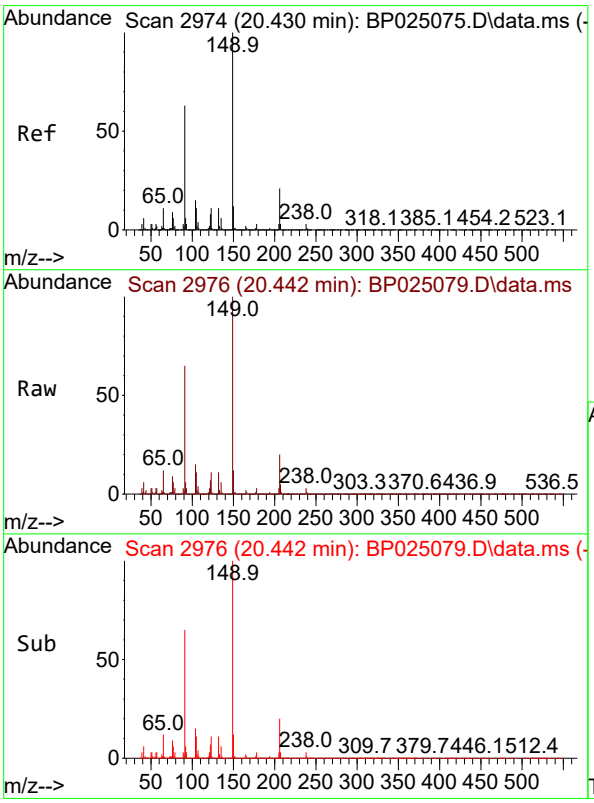
#79
Terphenyl-d14
Concen: 84.014 ng
RT: 19.689 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:244 Resp: 8493260

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.1	9.4	14.2

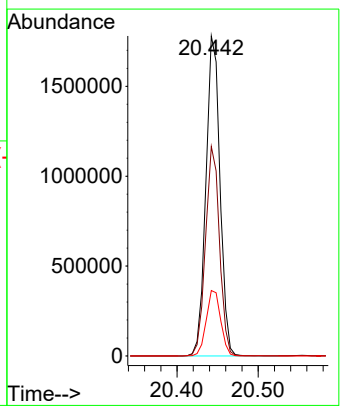


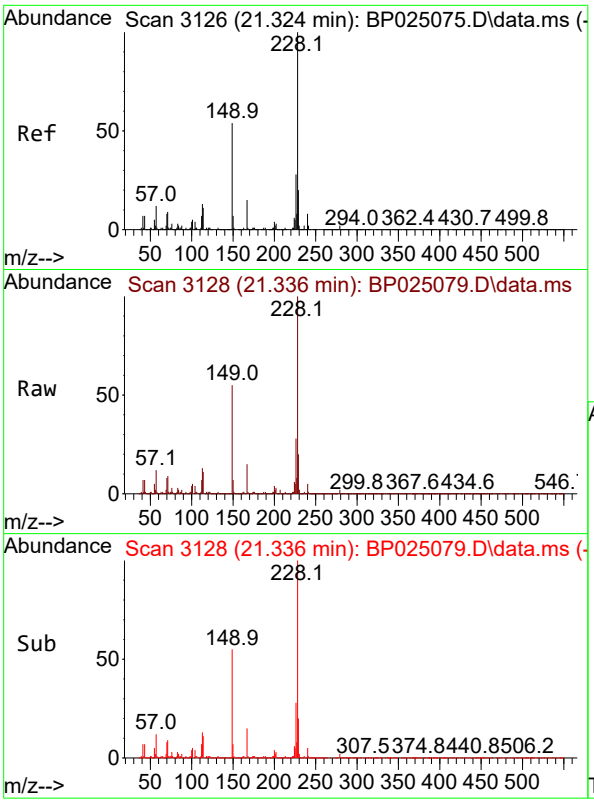


#80
Butylbenzylphthalate
Concen: 40.921 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 2138437

Ion	Ratio	Lower	Upper
149	100		
91	65.5	50.6	76.0
206	20.5	17.2	25.8



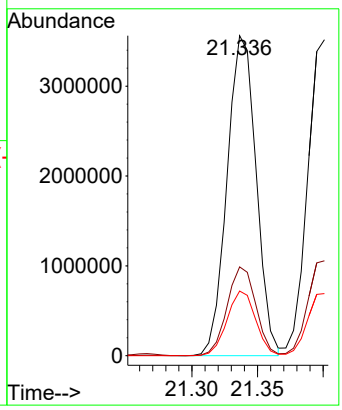


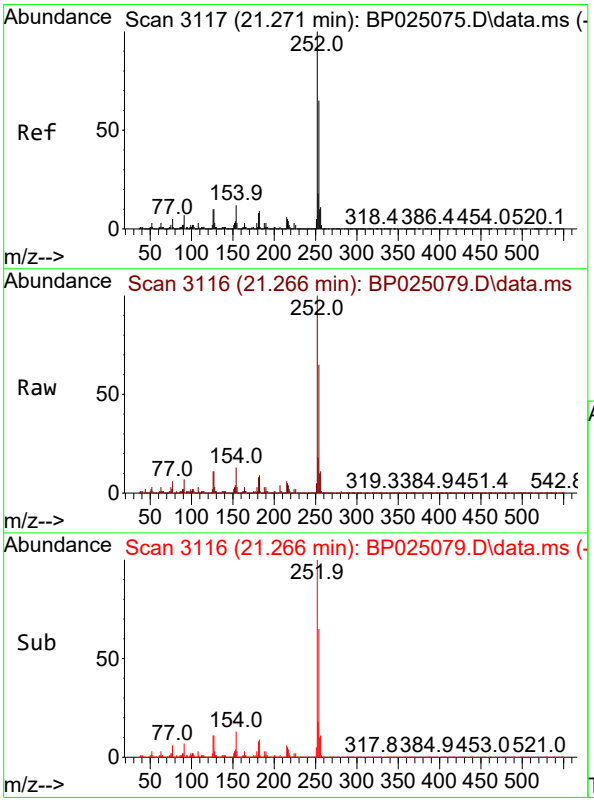
#81
Benzo(a)anthracene
Concen: 40.856 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:228 Resp: 5501070

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.2	16.0	24.0

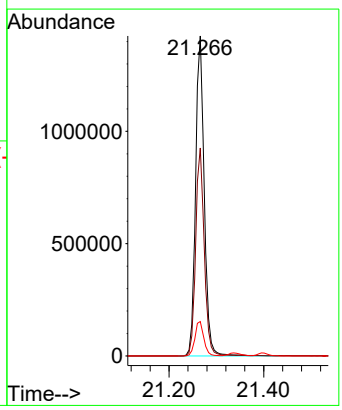


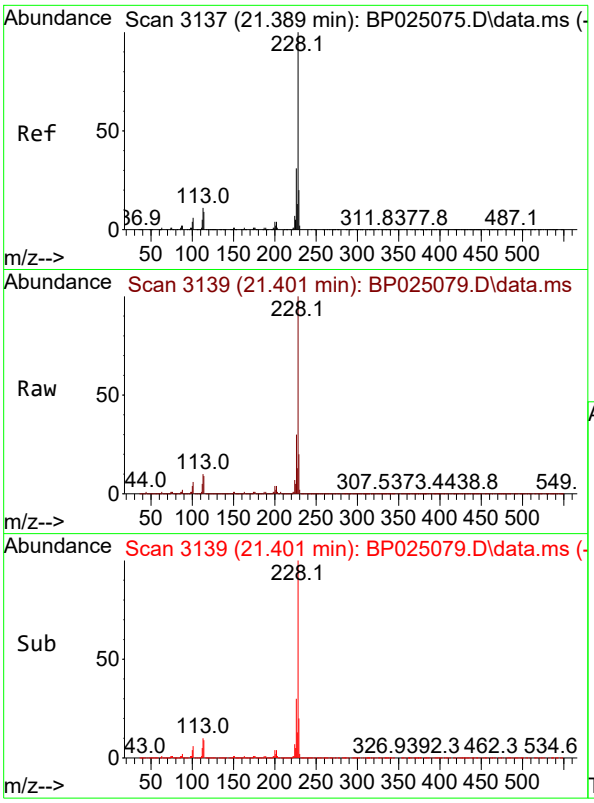


#82
3,3'-Dichlorobenzidine
Concen: 44.629 ng
RT: 21.266 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 1808957

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	10.8	8.1	12.1



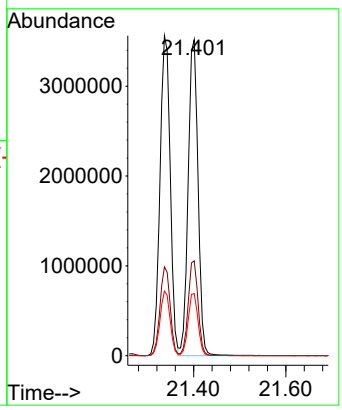


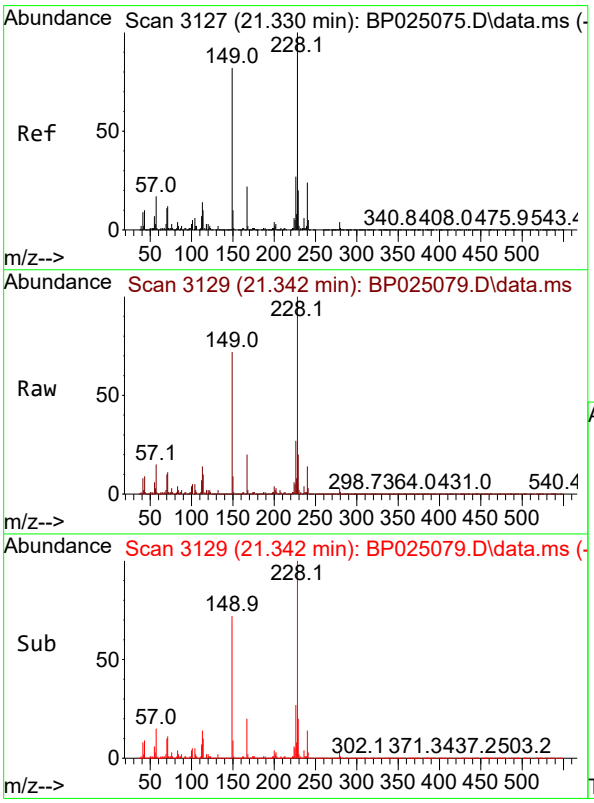
#83
Chrysene
Concen: 40.218 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:228 Resp: 5211272

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	19.7	16.0	24.0

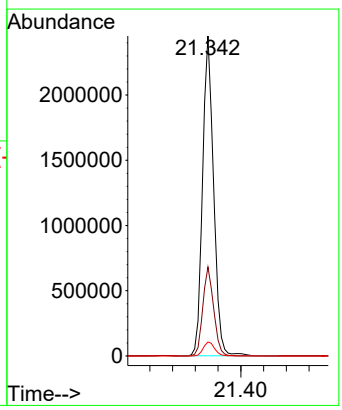


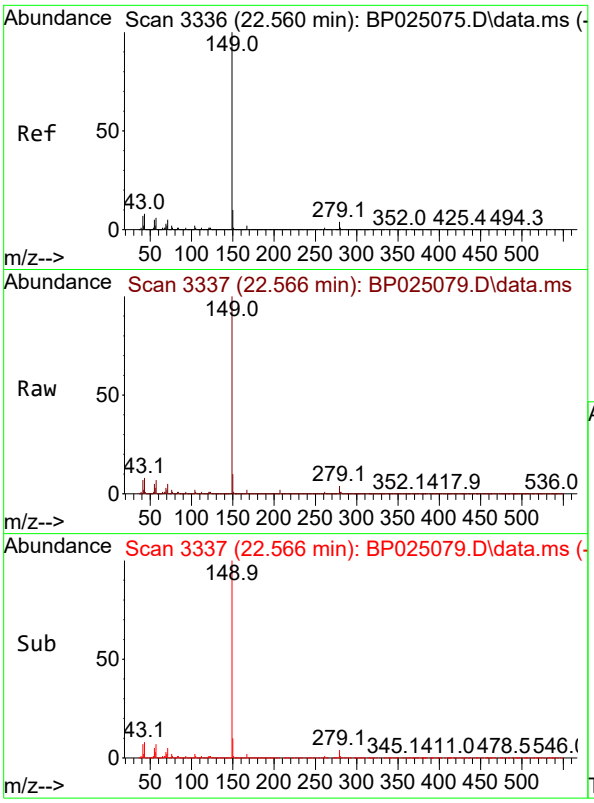


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.685 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 3299494

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.9	32.9
279	4.4	3.5	5.3



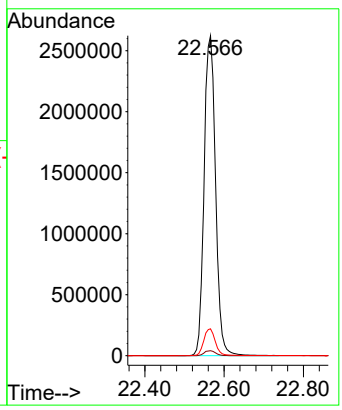


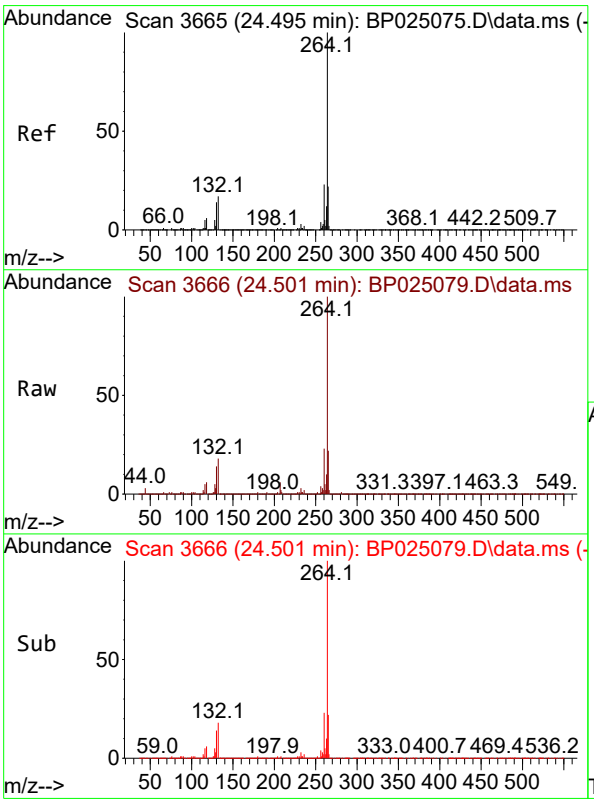
#85
Di-n-octyl phthalate
Concen: 40.750 ng
RT: 22.566 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:149 Resp: 5256676

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.5	6.9	10.3

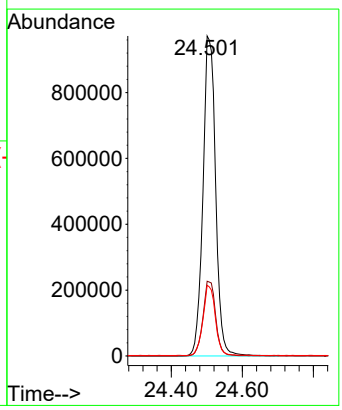


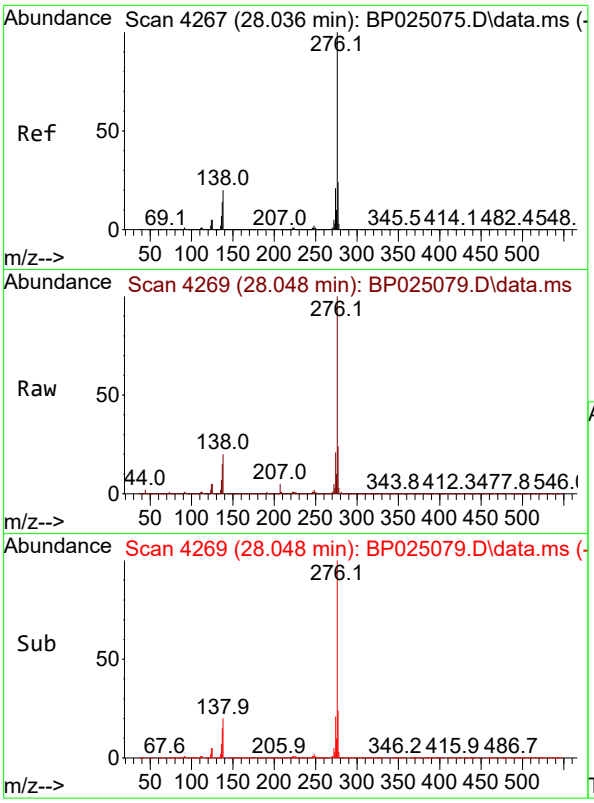


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.501 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:264 Resp: 2415004

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.1	17.7	26.5



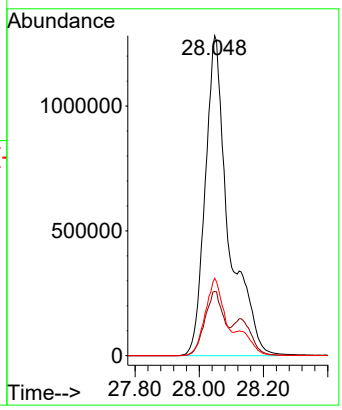


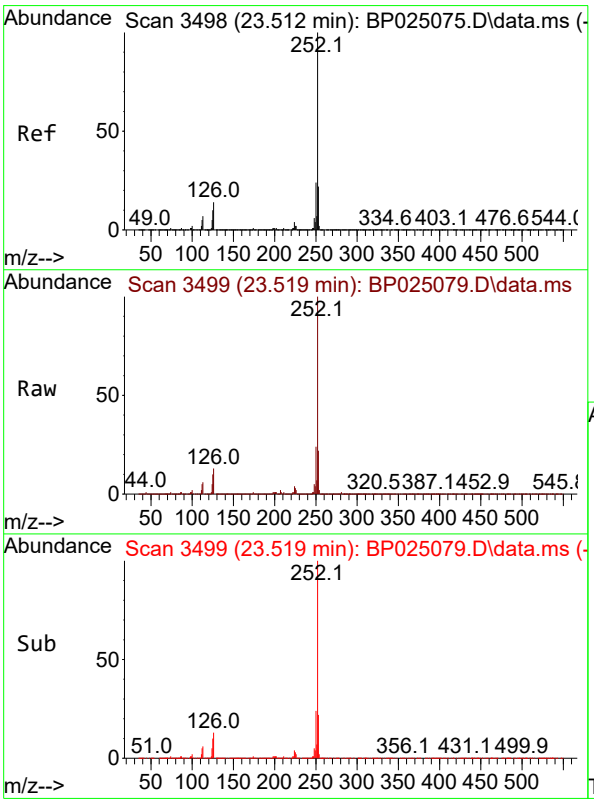
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.211 ng m
RT: 28.048 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:276 Resp: 6494157

Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.0	19.6
277	19.8	15.9	23.9

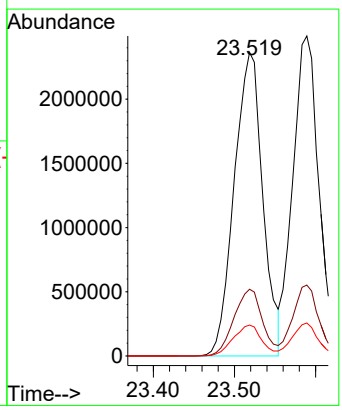


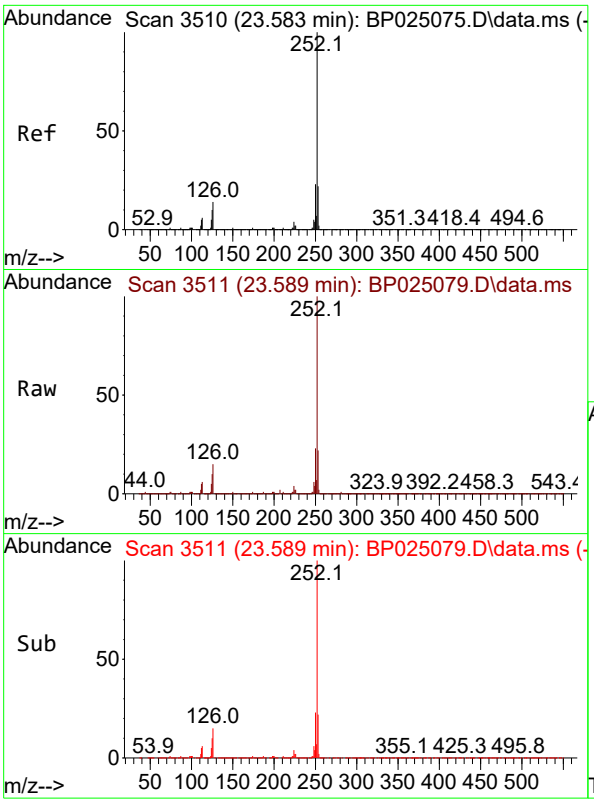


#88
Benzo(b)fluoranthene
Concen: 41.137 ng
RT: 23.519 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 5782492

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.2	8.1	12.1



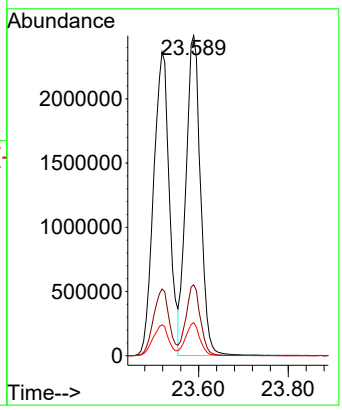


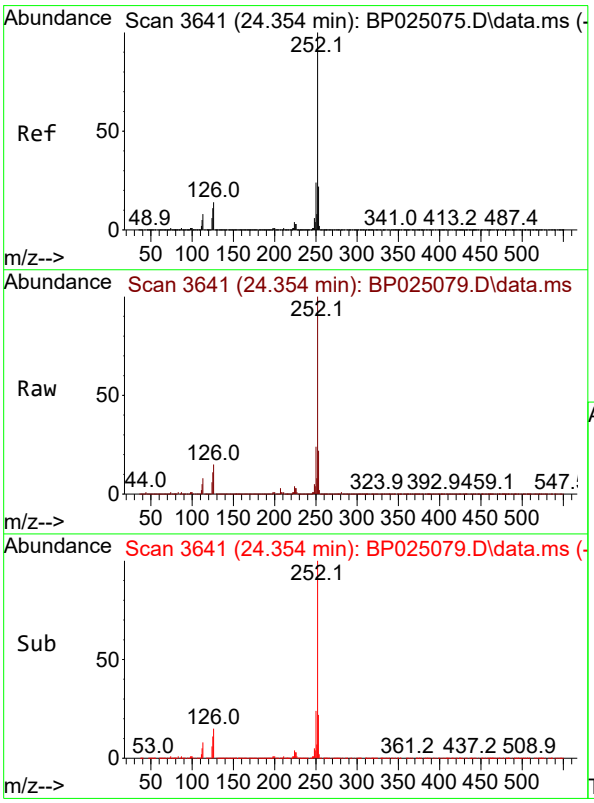
#89
Benzo(k)fluoranthene
Concen: 39.974 ng
RT: 23.589 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:252 Resp: 5590808

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.3	8.2	12.2

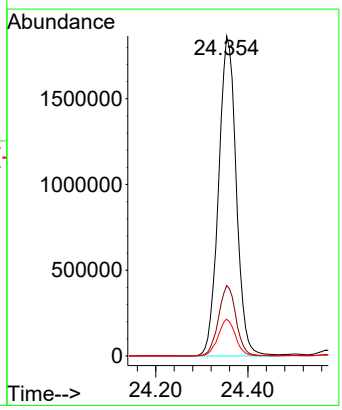


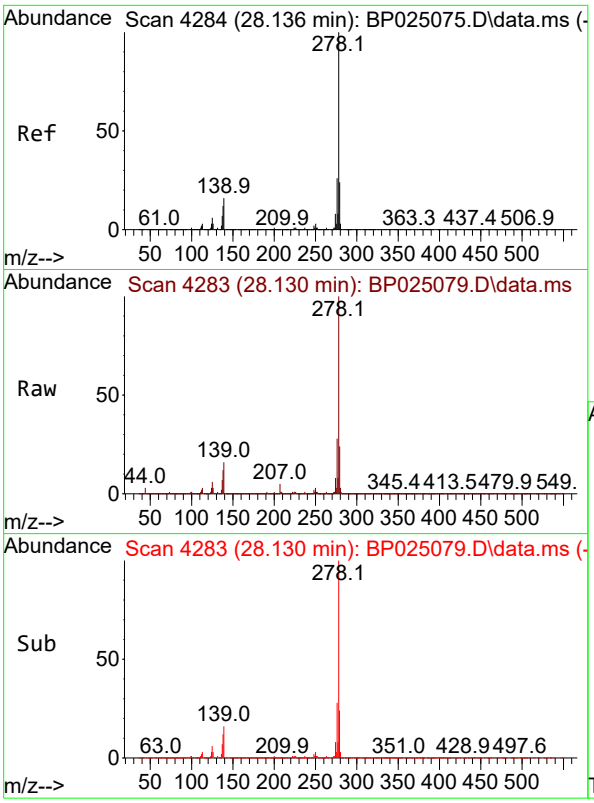


#90
Benzo(a)pyrene
Concen: 41.397 ng
RT: 24.354 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 4952570

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.5	9.0	13.4



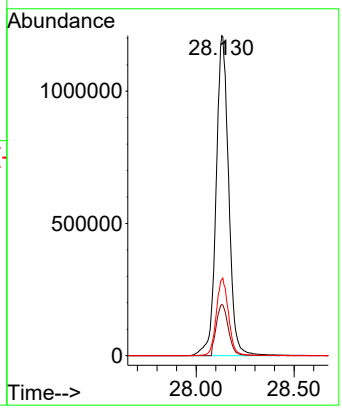


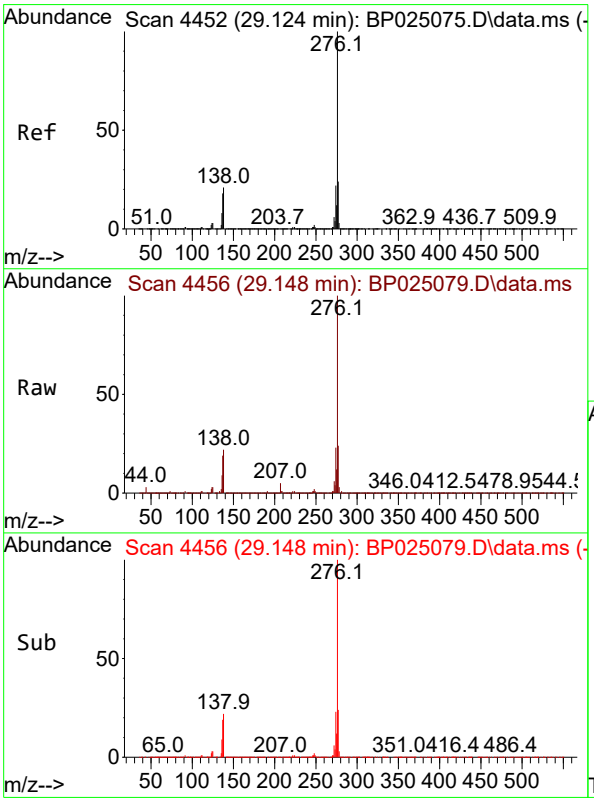
#91
Dibenzo(a,h)anthracene
Concen: 42.422 ng
RT: 28.130 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:278 Resp: 5394843

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	23.8	18.9	28.3

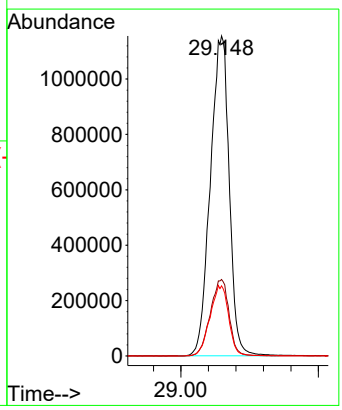




#92
Benzo(g,h,i)perylene
Concen: 41.855 ng
RT: 29.148 min Scan# 4456
Delta R.T. 0.024 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:276 Resp: 5498609

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	21.9	16.9	25.3



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
2		1,4-Dioxane	0.439	0.415	5.5	98	0.00
3		Pyridine	1.202	1.172	2.5	98	0.00
4		n-Nitrosodimethylamine	0.509	0.495	2.8	100	0.00
5	S	2-Fluorophenol	1.129	1.126	0.3	102	0.00
6		Aniline	1.376	1.369	0.5	101	0.00
7	S	Phenol-d6	1.473	1.474	-0.1	104	0.00
8		2-Chlorophenol	1.263	1.277	-1.1	104	0.00
9		Benzaldehyde	0.769	0.785	-2.1	111	0.00
10	C	Phenol	1.497	1.483	0.9	103	0.00
11		bis(2-Chloroethyl)ether	1.152	1.129	2.0	103	0.00
12		1,3-Dichlorobenzene	1.413	1.392	1.5	104	0.00
13	C	1,4-Dichlorobenzene	1.431	1.409	1.5	103	0.00
14		1,2-Dichlorobenzene	1.377	1.341	2.6	102	0.00
15		Benzyl Alcohol	0.983	1.004	-2.1	108	0.00
16		2,2'-oxybis(1-Chloropropane	1.498	1.445	3.5	103	0.00
17		2-Methylphenol	0.964	0.981	-1.8	104	0.00
18		Hexachloroethane	0.466	0.468	-0.4	104	0.00
19	P	n-Nitroso-di-n-propylamine	0.874	0.885	-1.3	105	0.00
20		3+4-Methylphenols	1.350	1.364	-1.0	105	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	105	0.00
22		Acetophenone	0.473	0.461	2.5	104	0.00
23	S	Nitrobenzene-d5	0.301	0.312	-3.7	107	0.00
24		Nitrobenzene	0.306	0.309	-1.0	105	0.00
25		Isophorone	0.562	0.567	-0.9	107	0.00
26	C	2-Nitrophenol	0.128	0.149	-16.4	117	0.00
27		2,4-Dimethylphenol	0.210	0.211	-0.5	107	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.377	1.3	106	0.00
29	C	2,4-Dichlorophenol	0.291	0.301	-3.4	106	0.00
30		1,2,4-Trichlorobenzene	0.322	0.318	1.2	105	0.00
31		Naphthalene	1.030	1.008	2.1	105	0.00
32		Benzoic acid	0.185	0.209	-13.0	118	0.00
33		4-Chloroaniline	0.384	0.387	-0.8	104	0.00
34	C	Hexachlorobutadiene	0.185	0.185	0.0	107	0.00
35		Caprolactam	0.099	0.102	-3.0	106	0.00
36	C	4-Chloro-3-methylphenol	0.304	0.311	-2.3	106	0.00
37		2-Methylnaphthalene	0.727	0.715	1.7	104	0.00
38		1-Methylnaphthalene	0.709	0.696	1.8	106	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	0.575	0.576	-0.2	106	0.00
41	P	Hexachlorocyclopentadiene	0.150	0.161	-7.3	116	0.00
42	S	2,4,6-Tribromophenol	0.236	0.244	-3.4	106	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.371	-6.6	107	0.00
44		2,4,5-Trichlorophenol	0.394	0.417	-5.8	108	0.00
45	S	2-Fluorobiphenyl	1.291	1.270	1.6	106	0.00
46		1,1'-Biphenyl	1.455	1.420	2.4	104	0.00
47		2-Chloronaphthalene	1.094	1.072	2.0	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.237	0.264	-11.4	109	0.00
49		Acenaphthylene	1.674	1.692	-1.1	106	0.00
50		Dimethylphthalate	1.400	1.405	-0.4	107	0.00
51		2,6-Dinitrotoluene	0.273	0.293	-7.3	106	0.00
52	C	Acenaphthene	1.079	1.061	1.7	106	0.00
53		3-Nitroaniline	0.293	0.318	-8.5	106	0.00
54	P	2,4-Dinitrophenol	0.114	0.124	-8.8	113	0.00
55		Dibenzofuran	1.781	1.746	2.0	105	0.00
56	P	4-Nitrophenol	0.270	0.286	-5.9	107	0.01
57		2,4-Dinitrotoluene	0.356	0.395	-11.0	108	0.00
58		Fluorene	1.377	1.366	0.8	105	0.00
59		2,3,4,6-Tetrachlorophenol	0.357	0.379	-6.2	109	0.00
60		Diethylphthalate	1.406	1.427	-1.5	107	0.01
61		4-Chlorophenyl-phenylether	0.682	0.668	2.1	105	0.00
62		4-Nitroaniline	0.307	0.334	-8.8	104	0.00
63		Azobenzene	1.252	1.208	3.5	102	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.088	-7.3	113	0.00
66	c	n-Nitrosodiphenylamine	0.572	0.573	-0.2	105	0.01
67		4-Bromophenyl-phenylether	0.205	0.207	-1.0	106	0.00
68		Hexachlorobenzene	0.250	0.247	1.2	104	0.00
69		Atrazine	0.168	0.171	-1.8	104	0.00
70	C	Pentachlorophenol	0.169	0.179	-5.9	109	0.00
71		Phenanthrene	1.069	1.055	1.3	103	0.00
72		Anthracene	1.025	1.035	-1.0	104	0.01
73		Carbazole	1.002	1.005	-0.3	102	0.00
74		Di-n-butylphthalate	1.116	1.193	-6.9	105	0.00
75	C	Fluoranthene	1.249	1.255	-0.5	102	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	98	0.01
77		Benzidine	0.353	0.463	-31.2#	80	0.00
78		Pyrene	1.239	1.283	-3.6	102	0.00
79	S	Terphenyl-d14	0.910	0.956	-5.1	103	0.02
80		Butylbenzylphthalate	0.402	0.481	-19.7	107	0.01
81		Benzo(a)anthracene	1.212	1.238	-2.1	100	0.01
82		3,3'-Dichlorobenzidine	0.365	0.407	-11.5	103	0.00
83		Chrysene	1.166	1.173	-0.6	99	0.01
84		Bis(2-ethylhexyl)phthalate	0.650	0.743	-14.3	104	0.01
85	c	Di-n-octyl phthalate	1.054	1.183	-12.2	106	0.00
86	I	Perylene-d12	1.000	1.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	1.274	1.345	-5.6	100	0.01
88		Benzo(b)fluoranthene	1.164	1.197	-2.8	99	0.00
89		Benzo(k)fluoranthene	1.158	1.158	0.0	100	0.00
90	C	Benzo(a)pyrene	0.991	1.025	-3.4	99	0.00
91		Dibenzo(a,h)anthracene	1.053	1.117	-6.1	101	0.00
92		Benzo(g,h,i)perylene	1.088	1.138	-4.6	100	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	103	0.00
2		1,4-Dioxane	40.000	37.814	5.5	98	0.00
3		Pyridine	40.000	39.027	2.4	98	0.00
4		n-Nitrosodimethylamine	40.000	38.933	2.7	100	0.00
5	S	2-Fluorophenol	80.000	79.825	0.2	102	0.00
6		Aniline	40.000	39.803	0.5	101	0.00
7	S	Phenol-d6	80.000	80.057	-0.1	104	0.00
8		2-Chlorophenol	40.000	40.431	-1.1	104	0.00
9		Benzaldehyde	40.000	40.841	-2.1	111	0.00
10	C	Phenol	40.000	39.645	0.9	103	0.00
11		bis(2-Chloroethyl)ether	40.000	39.206	2.0	103	0.00
12		1,3-Dichlorobenzene	40.000	39.389	1.5	104	0.00
13	C	1,4-Dichlorobenzene	40.000	39.387	1.5	103	0.00
14		1,2-Dichlorobenzene	40.000	38.965	2.6	102	0.00
15		Benzyl Alcohol	40.000	40.867	-2.2	108	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.579	3.6	103	0.00
17		2-Methylphenol	40.000	40.721	-1.8	104	0.00
18		Hexachloroethane	40.000	40.115	-0.3	104	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.521	-1.3	105	0.00
20		3+4-Methylphenols	40.000	40.415	-1.0	105	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	105	0.00
22		Acetophenone	40.000	38.992	2.5	104	0.00
23	S	Nitrobenzene-d5	80.000	82.866	-3.6	107	0.00
24		Nitrobenzene	40.000	40.369	-0.9	105	0.00
25		Isophorone	40.000	40.360	-0.9	107	0.00
26	C	2-Nitrophenol	40.000	40.694	-1.7	117	0.00
27		2,4-Dimethylphenol	40.000	40.332	-0.8	107	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.567	1.1	106	0.00
29	C	2,4-Dichlorophenol	40.000	41.412	-3.5	106	0.00
30		1,2,4-Trichlorobenzene	40.000	39.571	1.1	105	0.00
31		Naphthalene	40.000	39.170	2.1	105	0.00
32		Benzoic acid	40.000	40.952	-2.4	118	0.00
33		4-Chloroaniline	40.000	40.229	-0.6	104	0.00
34	C	Hexachlorobutadiene	40.000	40.154	-0.4	107	0.00
35		Caprolactam	40.000	40.864	-2.2	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.967	-2.4	106	0.00
37		2-Methylnaphthalene	40.000	39.345	1.6	104	0.00
38		1-Methylnaphthalene	40.000	39.301	1.7	106	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.072	-0.2	106	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.989	-7.5	116	0.00
42	S	2,4,6-Tribromophenol	80.000	82.624	-3.3	106	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.646	-6.6	107	0.00
44		2,4,5-Trichlorophenol	40.000	42.335	-5.8	108	0.00
45	S	2-Fluorobiphenyl	80.000	78.712	1.6	106	0.00
46		1,1'-Biphenyl	40.000	39.032	2.4	104	0.00
47		2-Chloronaphthalene	40.000	39.210	2.0	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.894	0.3	109	0.00
49		Acenaphthylene	40.000	40.431	-1.1	106	0.00
50		Dimethylphthalate	40.000	40.131	-0.3	107	0.00
51		2,6-Dinitrotoluene	40.000	42.919	-7.3	106	0.00
52	C	Acenaphthene	40.000	39.318	1.7	106	0.00
53		3-Nitroaniline	40.000	43.418	-8.5	106	0.00
54	P	2,4-Dinitrophenol	40.000	40.066	-0.2	113	0.00
55		Dibenzofuran	40.000	39.220	2.0	105	0.00
56	P	4-Nitrophenol	40.000	42.369	-5.9	107	0.01
57		2,4-Dinitrotoluene	40.000	39.932	0.2	108	0.00
58		Fluorene	40.000	39.662	0.8	105	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.414	-6.0	109	0.00
60		Diethylphthalate	40.000	40.587	-1.5	107	0.01
61		4-Chlorophenyl-phenylether	40.000	39.198	2.0	105	0.00
62		4-Nitroaniline	40.000	43.550	-8.9	104	0.00
63		Azobenzene	40.000	38.583	3.5	102	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.754	0.6	113	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.039	-0.1	105	0.01
67		4-Bromophenyl-phenylether	40.000	40.486	-1.2	106	0.00
68		Hexachlorobenzene	40.000	39.499	1.3	104	0.00
69		Atrazine	40.000	40.888	-2.2	104	0.00
70	C	Pentachlorophenol	40.000	42.471	-6.2	109	0.00
71		Phenanthrene	40.000	39.487	1.3	103	0.00
72		Anthracene	40.000	40.385	-1.0	104	0.01
73		Carbazole	40.000	40.086	-0.2	102	0.00
74		Di-n-butylphthalate	40.000	42.761	-6.9	105	0.00
75	C	Fluoranthene	40.000	40.180	-0.4	102	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	98	0.01
77		Benzidine	40.000	52.461	-31.2#	80	0.00
78		Pyrene	40.000	41.413	-3.5	102	0.00
79	S	Terphenyl-d14	80.000	84.014	-5.0	103	0.02
80		Butylbenzylphthalate	40.000	40.921	-2.3	107	0.01
81		Benzo(a)anthracene	40.000	40.856	-2.1	100	0.01
82		3,3'-Dichlorobenzidine	40.000	44.629	-11.6	103	0.00
83		Chrysene	40.000	40.218	-0.5	99	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	45.685	-14.2	104	0.01
85	c	Di-n-octyl phthalate	40.000	40.750	-1.9	106	0.00
86	I	Perylene-d12	20.000	20.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.211	-5.5	100	0.01
88		Benzo(b)fluoranthene	40.000	41.137	-2.8	99	0.00
89		Benzo(k)fluoranthene	40.000	39.974	0.1	100	0.00
90	C	Benzo(a)pyrene	40.000	41.397	-3.5	99	0.00
91		Dibenzo(a,h)anthracene	40.000	42.422	-6.1	101	0.00
92		Benzo(g,h,i)perylene	40.000	41.855	-4.6	100	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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: CAMP02

Lab Code: ACE SDG No.: Q2543

Instrument ID: BNA_M Calibration Date/Time: 07/10/2025 13:53

Lab File ID: BM050388.D Init. Calib. Date(s): 07/08/2025 07/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.162	1.137		-2.2	
Benzaldehyde	0.871	0.886		1.7	
Phenol-d6	1.465	1.465		0.0	
Phenol	1.528	1.499		-1.9	20.0
bis(2-Chloroethyl)ether	1.223	1.182		-3.4	
2-Chlorophenol	1.225	1.199		-2.1	
2-Methylphenol	0.991	0.969		-2.2	
2,2-oxybis(1-Chloropropane)	1.802	1.740		-3.4	
Acetophenone	0.500	0.491		-1.8	
3+4-Methylphenols	1.330	1.291		-2.9	
n-Nitroso-di-n-propylamine	0.887	0.900	0.050	1.5	
Nitrobenzene-d5	0.392	0.394		0.5	
Hexachloroethane	0.535	0.517		-3.4	
Nitrobenzene	0.350	0.343		-2.0	
Isophorone	0.636	0.632		-0.6	
2-Nitrophenol	0.143	0.148		3.5	20.0
2,4-Dimethylphenol	0.303	0.297		-2.0	
bis(2-Chloroethoxy)methane	0.422	0.412		-2.4	
2,4-Dichlorophenol	0.312	0.314		0.6	20.0
Naphthalene	1.016	0.983		-3.2	
4-Chloroaniline	0.429	0.429		0.0	
Hexachlorobutadiene	0.228	0.218		-4.4	20.0
Caprolactam	0.085	0.085		0.0	
4-Chloro-3-methylphenol	0.291	0.293		0.7	20.0
2-Methylnaphthalene	0.641	0.636		-0.8	
Hexachlorocyclopentadiene	0.407	0.380	0.050	-6.6	
2,4,6-Trichlorophenol	0.391	0.393		0.5	20.0
2-Fluorobiphenyl	1.620	1.599		-1.3	
2,4,5-Trichlorophenol	0.428	0.426		-0.5	
1,1-Biphenyl	1.484	1.456		-1.9	
2-Chloronaphthalene	1.183	1.166		-1.4	
2-Nitroaniline	0.264	0.275		4.2	
Dimethylphthalate	1.377	1.353		-1.7	
Acenaphthylene	1.788	1.781		-0.4	
2,6-Dinitrotoluene	0.264	0.276		4.5	
3-Nitroaniline	0.281	0.295		5.0	
Acenaphthene	1.137	1.124		-1.1	20.0
2,4-Dinitrophenol	0.121	0.118	0.050	-2.5	
4-Nitrophenol	0.242	0.244	0.050	0.8	

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: CAMP02

Lab Code: ACE SDG No.: Q2543

Instrument ID: BNA_M Calibration Date/Time: 07/10/2025 13:53

Lab File ID: BM050388.D Init. Calib. Date(s): 07/08/2025 07/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.751	1.711		-2.3	
2,4-Dinitrotoluene	0.350	0.373		6.6	
Diethylphthalate	1.315	1.303		-0.9	
4-Chlorophenyl-phenylether	0.754	0.742		-1.6	
Fluorene	1.443	1.428		-1.0	
4-Nitroaniline	0.288	0.312		8.3	
4,6-Dinitro-2-methylphenol	0.095	0.094		-1.1	
n-Nitrosodiphenylamine	0.626	0.618		-1.3	20.0
2,4,6-Tribromophenol	0.243	0.249		2.5	
4-Bromophenyl-phenylether	0.220	0.217		-1.4	
Hexachlorobenzene	0.260	0.254		-2.3	
Atrazine	0.206	0.205		-0.5	
Pentachlorophenol	0.162	0.157		-3.1	20.0
Phenanthrene	1.132	1.096		-3.2	
Anthracene	1.127	1.112		-1.3	
Carbazole	1.019	1.003		-1.6	
Di-n-butylphthalate	1.116	1.115		-0.1	
Fluoranthene	1.230	1.217		-1.1	20.0
Pyrene	1.281	1.262		-1.5	
Terphenyl-d14	1.137	1.220		7.3	
Butylbenzylphthalate	0.422	0.437		3.6	
3,3-Dichlorobenzidine	0.439	0.422		-3.9	
Benzo(a)anthracene	1.303	1.292		-0.8	
Chrysene	1.229	1.206		-1.9	
Bis(2-ethylhexyl)phthalate	0.670	0.700		4.5	
Di-n-octyl phthalate	1.050	1.069		1.8	20.0
Benzo(b)fluoranthene	1.230	1.224		-0.5	
Benzo(k)fluoranthene	1.276	1.284		0.6	
Benzo(a)pyrene	1.152	1.165		1.1	20.0
Indeno(1,2,3-cd)pyrene	1.422	1.436		1.0	
Dibenzo(a,h)anthracene	1.198	1.209		0.9	
Benzo(g,h,i)perylene	1.132	1.140		0.7	
1,2,4,5-Tetrachlorobenzene	0.636	0.622		-2.2	
1,4-Dioxane	0.478	0.451		-5.6	20.0
2,3,4,6-Tetrachlorophenol	0.360	0.358		-0.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	446689	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1689419	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	1077979	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	2057474	20.000	ng		0.00
76) Chrysene-d12	21.450	240	2112610	20.000	ng		0.00
86) Perylene-d12	24.491	264	2045327	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2031844	78.297	ng		0.00
7) Phenol-d6	7.022	99	2616916	79.995	ng		0.00
23) Nitrobenzene-d5	9.016	82	2659377	80.309	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	1071758	81.829	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	6895749	78.998	ng		0.00
79) Terphenyl-d14	19.839	244	10310723	85.871	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	403246	37.789	ng		100
3) Pyridine	3.728	79	1067511	38.105	ng		98
4) n-Nitrosodimethylamine	3.640	42	509026	38.975	ng		100
6) Aniline	7.187	93	1662658	39.604	ng		100
8) 2-Chlorophenol	7.428	128	1071561	39.160	ng		99
9) Benzaldehyde	6.998	77	791440m	40.670	ng		
10) Phenol	7.045	94	1338998	39.244	ng		99
11) bis(2-Chloroethyl)ether	7.281	93	1056029	38.647	ng		99
12) 1,3-Dichlorobenzene	7.751	146	1279283	38.448	ng		98
13) 1,4-Dichlorobenzene	7.898	146	1304979	38.410	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1254013	38.554	ng		99
15) Benzyl Alcohol	8.098	79	892127	38.705	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1554762	38.628	ng		99
17) 2-Methylphenol	8.298	107	865693	39.119	ng		98
18) Hexachloroethane	8.951	117	461565	38.629	ng		99
19) n-Nitroso-di-n-propyla...	8.669	70	804233	40.582	ng		98
20) 3+4-Methylphenols	8.628	107	1153500	38.828	ng		99
22) Acetophenone	8.681	105	1658059	39.254	ng	#	99
24) Nitrobenzene	9.057	77	1158614	39.209	ng		98
25) Isophorone	9.586	82	2134890	39.731	ng		100
26) 2-Nitrophenol	9.769	139	500678	41.573	ng		98
27) 2,4-Dimethylphenol	9.828	122	1002511	39.120	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	1393378	39.134	ng		99
29) 2,4-Dichlorophenol	10.304	162	1059842	40.255	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	1224173	38.868	ng		99
31) Naphthalene	10.710	128	3319721	38.687	ng		100
32) Benzoic acid	9.945	122	546926	36.416	ng		100
33) 4-Chloroaniline	10.810	127	1448728	39.935	ng		100
34) Hexachlorobutadiene	11.004	225	735985	38.287	ng		98
35) Caprolactam	11.580	113	286350	39.842	ng		99
36) 4-Chloro-3-methylphenol	11.933	107	990607	40.292	ng		98
37) 2-Methylnaphthalene	12.316	142	2147668	39.639	ng		99
38) 1-Methylnaphthalene	12.539	142	2272208	39.627	ng		99
40) 1,2,4,5-Tetrachloroben...	12.686	216	1342030	39.148	ng		99
41) Hexachlorocyclopentadiene	12.674	237	819638	37.405	ng		100
43) 2,4,6-Trichlorophenol	12.922	196	846428	40.113	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

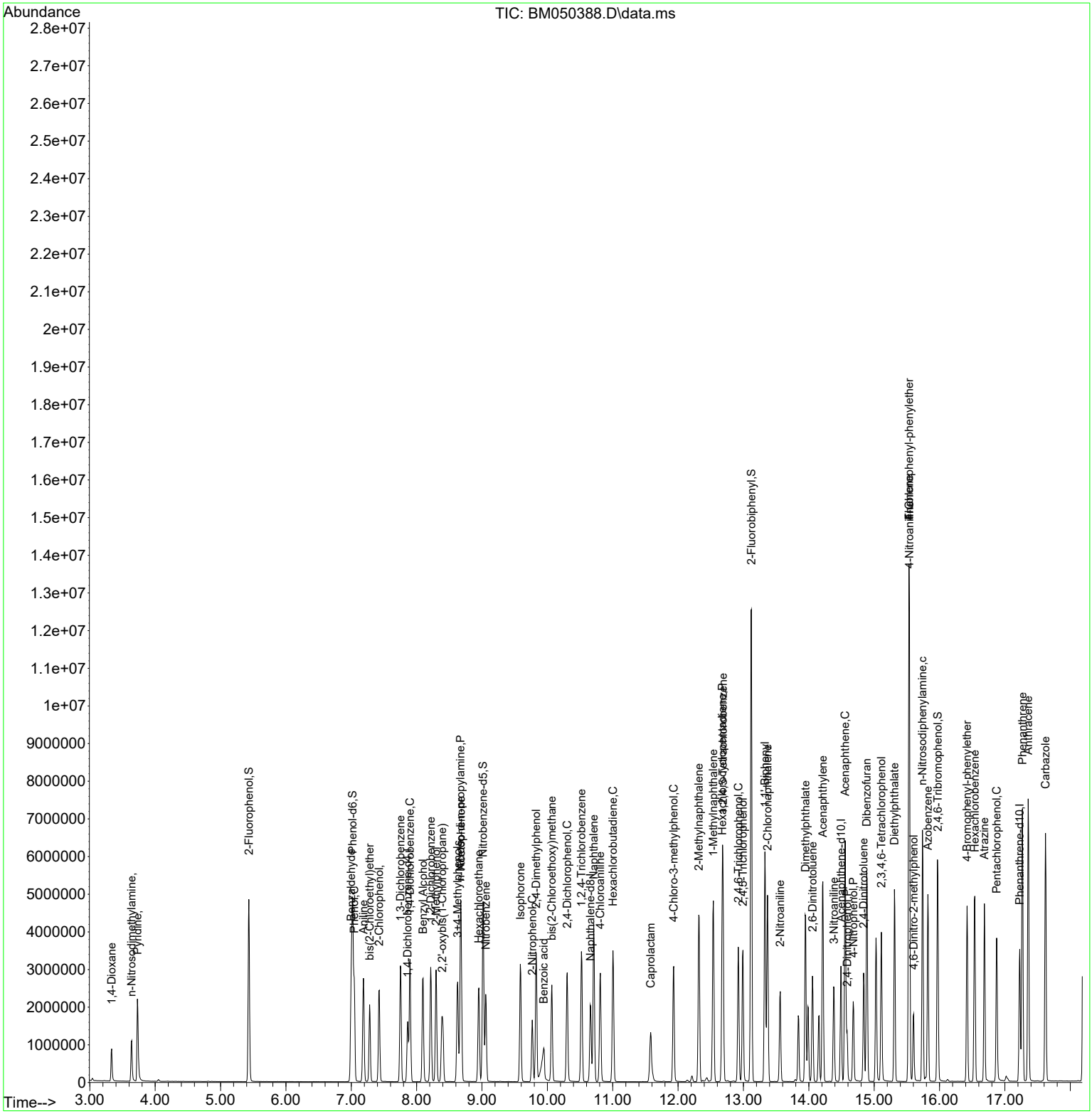
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	917833	39.828	ng	98
46) 1,1'-Biphenyl	13.327	154	3138094	39.237	ng	99
47) 2-Chloronaphthalene	13.369	162	2513031	39.409	ng	99
48) 2-Nitroaniline	13.563	65	592609	41.634	ng	96
49) Acenaphthylene	14.216	152	3839412	39.840	ng	99
50) Dimethylphthalate	13.951	163	2916065	39.292	ng	100
51) 2,6-Dinitrotoluene	14.057	165	594910	41.749	ng	99
52) Acenaphthene	14.557	154	2422434	39.538	ng	100
53) 3-Nitroaniline	14.386	138	636432	41.996	ng	98
54) 2,4-Dinitrophenol	14.586	184	254984	36.238	ng	92
55) Dibenzofuran	14.886	168	3688817	39.075	ng	99
56) 4-Nitrophenol	14.680	139	526425	40.394	ng	96
57) 2,4-Dinitrotoluene	14.839	165	804634	38.303	ng	98
58) Fluorene	15.533	166	3079505	39.604	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	771927	39.791	ng	99
60) Diethylphthalate	15.310	149	2810029	39.637	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	1600094	39.354	ng	98
62) 4-Nitroaniline	15.539	138	673524	39.162	ng	98
63) Azobenzene	15.821	77	2608064	40.064	ng	98
65) 4,6-Dinitro-2-methylph...	15.604	198	385118	36.542	ng	96
66) n-Nitrosodiphenylamine	15.739	169	2541040	39.468	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	894343	39.453	ng	98
68) Hexachlorobenzene	16.539	284	1046999	39.106	ng	98
69) Atrazine	16.686	200	842425	39.848	ng	99
70) Pentachlorophenol	16.874	266	646550	38.793	ng	98
71) Phenanthrene	17.268	178	4508419	38.724	ng	99
72) Anthracene	17.357	178	4577103	39.496	ng	100
73) Carbazole	17.621	167	4126339	39.352	ng	99
74) Di-n-butylphthalate	18.192	149	4587331	39.969	ng	99
75) Fluoranthene	19.274	202	5008839	39.575	ng	99
77) Benzidine	19.451	184	2430477	45.105	ng	99
78) Pyrene	19.633	202	5331086	39.401	ng	100
80) Butylbenzylphthalate	20.533	149	1845186	41.359	ng	98
81) Benzo(a)anthracene	21.433	228	5459861	39.664	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1783244	38.415	ng	100
83) Chrysene	21.497	228	5095338	39.245	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	2957902	41.765	ng	98
85) Di-n-octyl phthalate	22.521	149	4516993	40.722	ng	100
87) Indeno(1,2,3-cd)pyrene	27.932	276	5874332	40.395	ng	100
88) Benzo(b)fluoranthene	23.533	252	5005196	39.784	ng	100
89) Benzo(k)fluoranthene	23.597	252	5253318	40.242	ng	100
90) Benzo(a)pyrene	24.350	252	4766800	40.476	ng	99
91) Dibenzo(a,h)anthracene	27.991	278	4946864	40.393	ng	99
92) Benzo(g,h,i)perylene	28.997	276	4662826	40.284	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

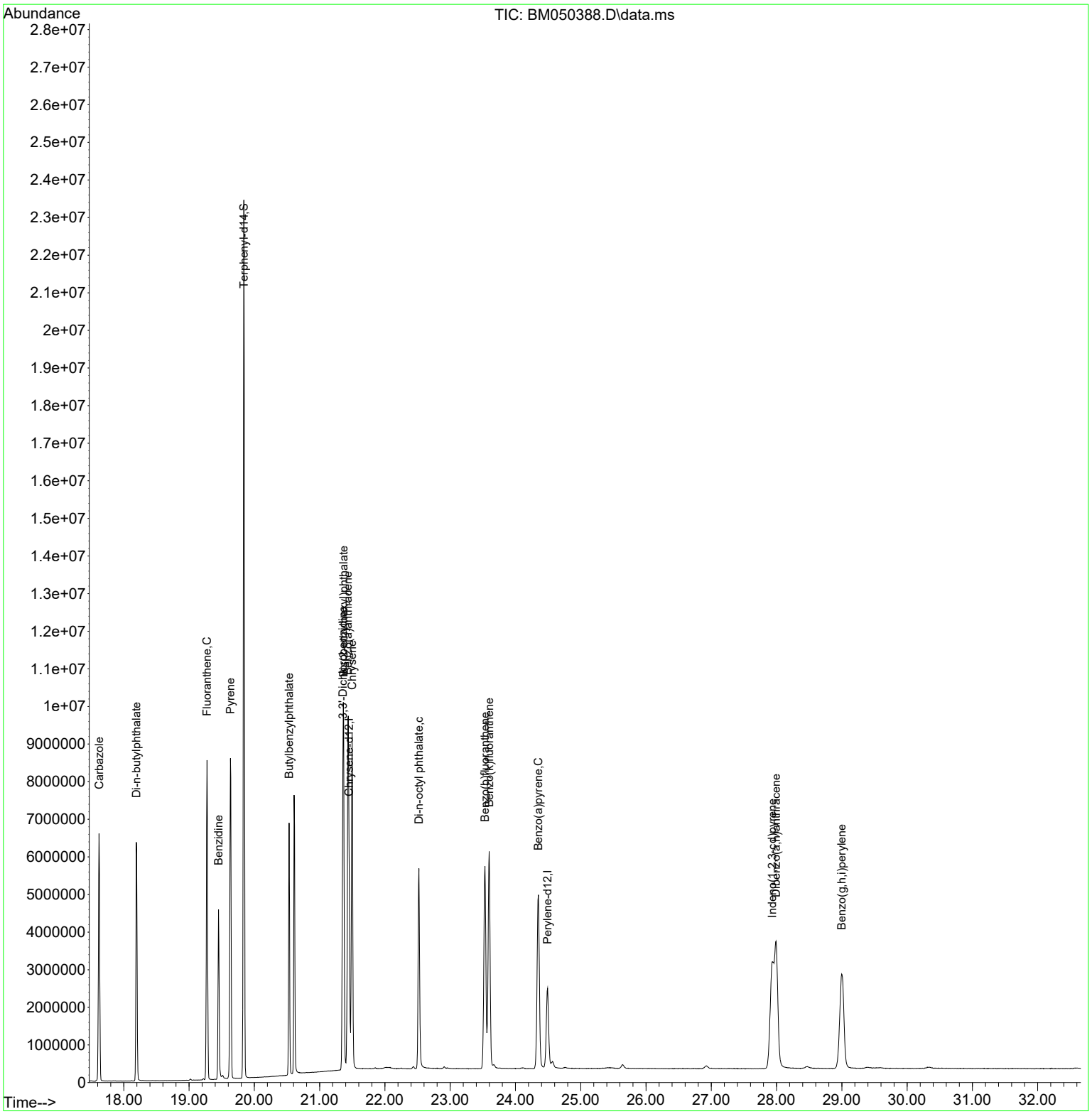
Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

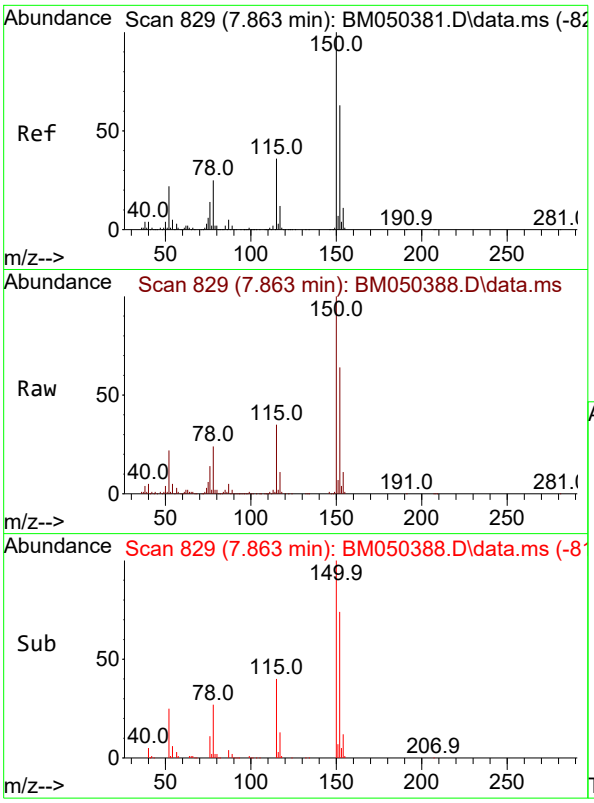


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Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
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QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



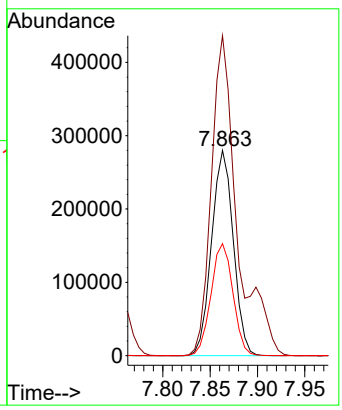


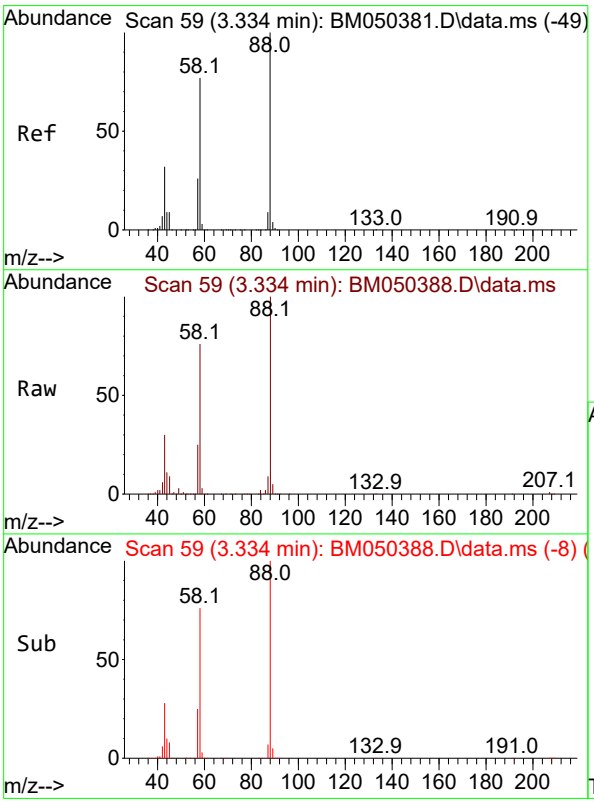
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 446689

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.4
115	54.6	45.8	68.8

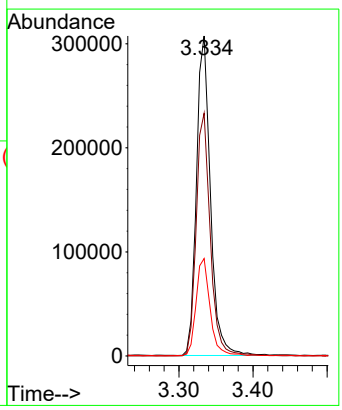


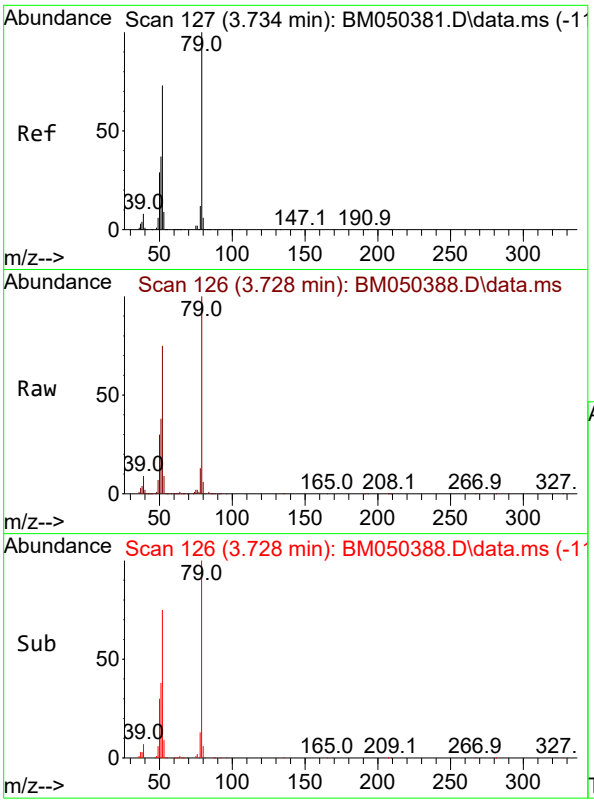


#2
1,4-Dioxane
Concen: 37.789 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 88 Resp: 403246

Ion	Ratio	Lower	Upper
88	100		
58	76.3	61.0	91.6
43	30.5	24.6	37.0



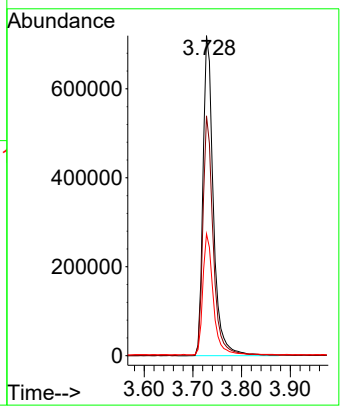


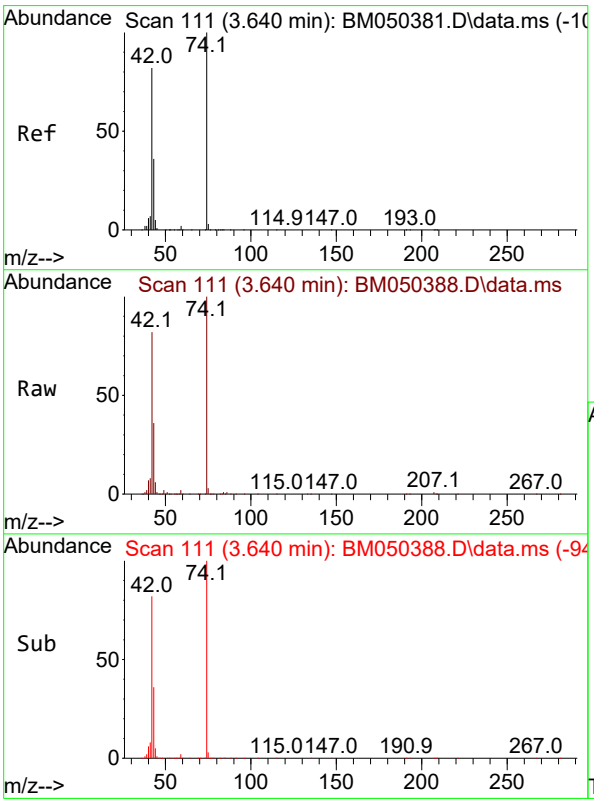
#3
Pyridine
Concen: 38.105 ng
RT: 3.728 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1067511

Ion	Ratio	Lower	Upper
79	100		
52	74.9	58.3	87.5
51	38.1	29.6	44.4

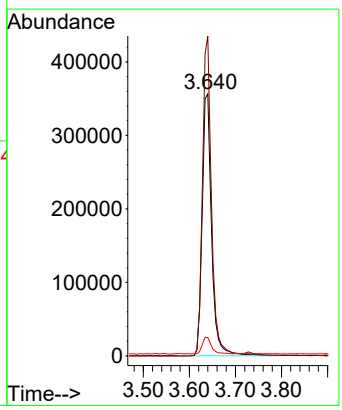


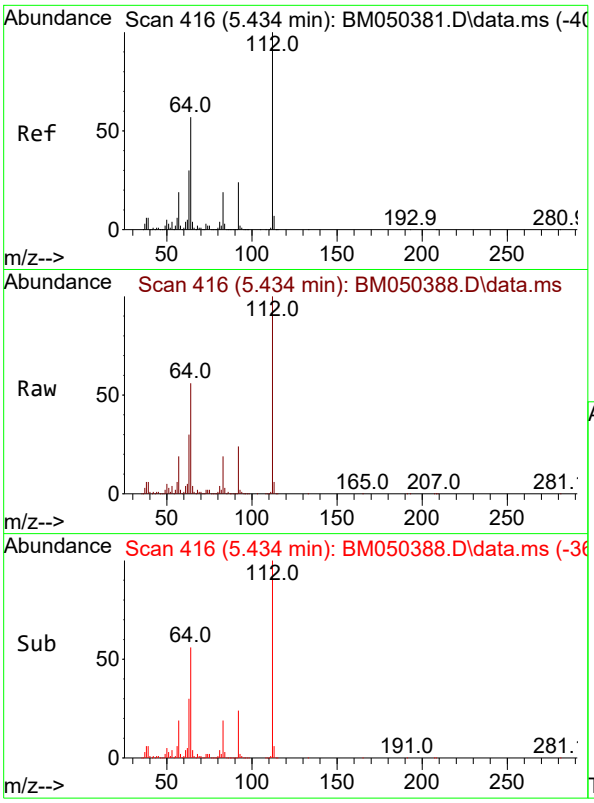


#4
n-Nitrosodimethylamine
Concen: 38.975 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 42 Resp: 509026

Ion	Ratio	Lower	Upper
42	100		
74	122.1	97.5	146.3
44	7.0	5.7	8.5



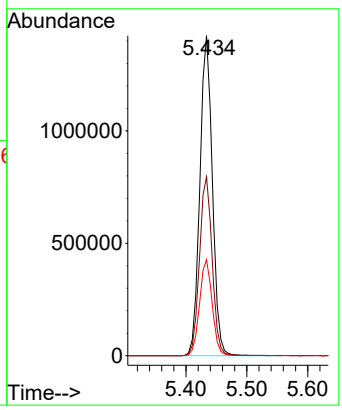


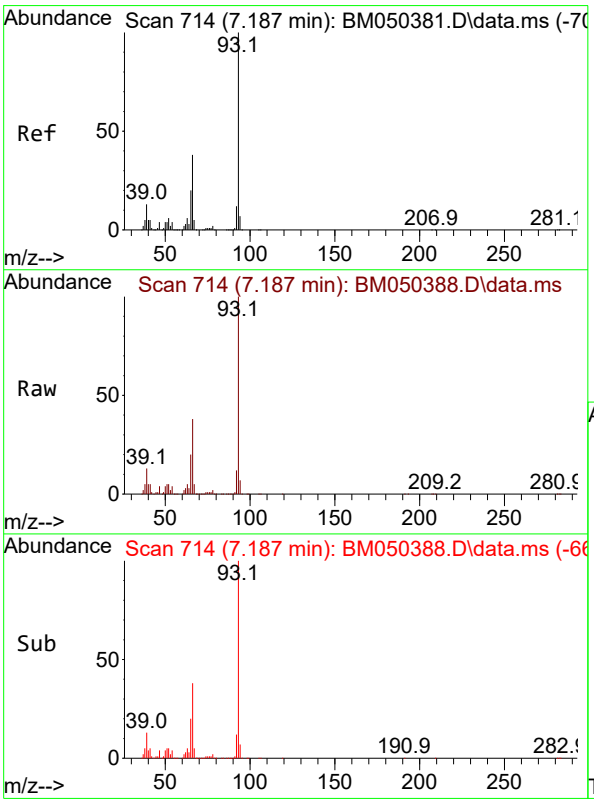
#5
2-Fluorophenol
Concen: 78.297 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 2031844

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.5	68.3
63	30.0	24.2	36.4

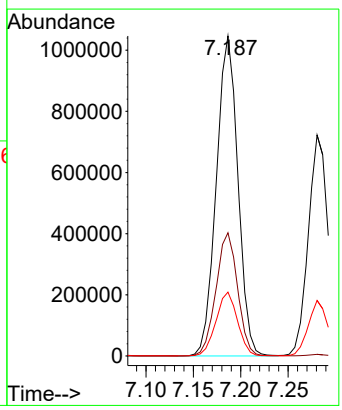


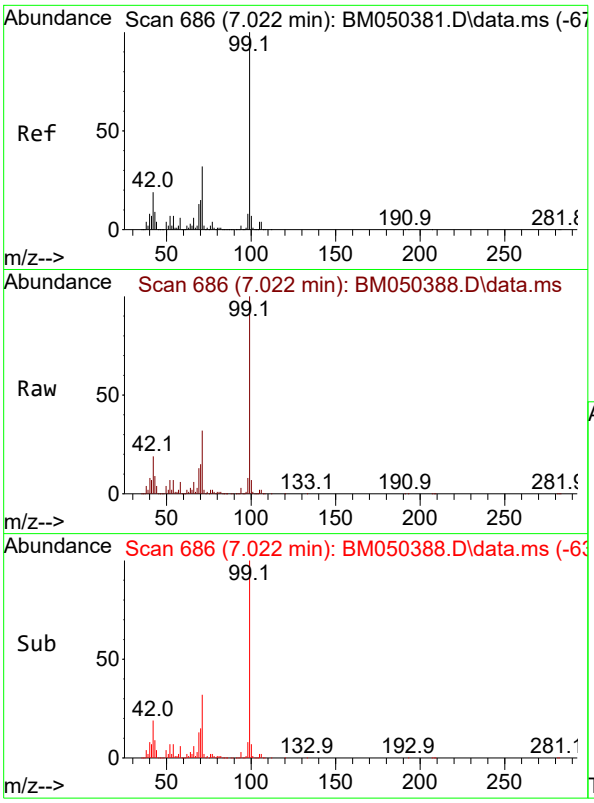


#6
Aniline
Concen: 39.604 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 93 Resp: 1662658

Ion	Ratio	Lower	Upper
93	100		
66	38.5	30.5	45.7
65	20.0	15.9	23.9



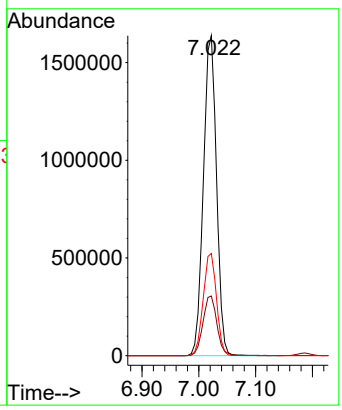


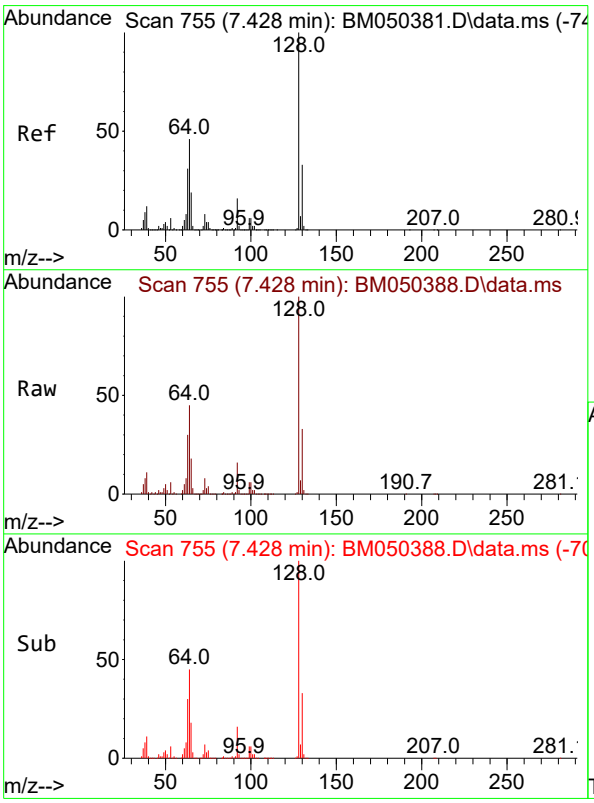
#7
Phenol-d6
Concen: 79.995 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2616916

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.6
71	32.0	25.9	38.9

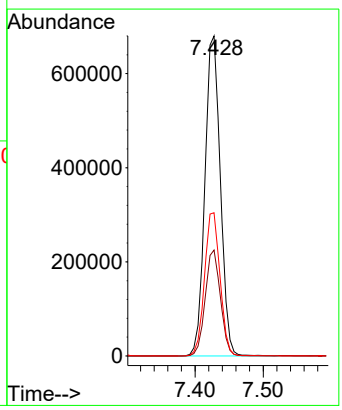


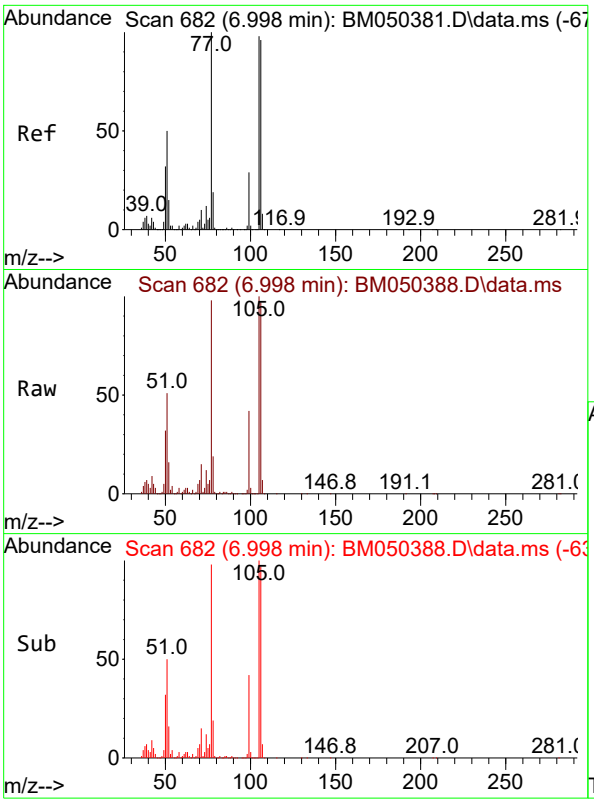


#8
2-Chlorophenol
Concen: 39.160 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:128 Resp: 1071561

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.3	53.3
64	44.7	25.6	65.6



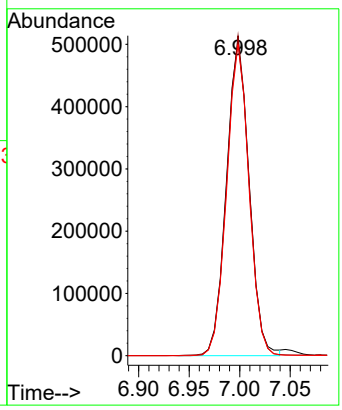


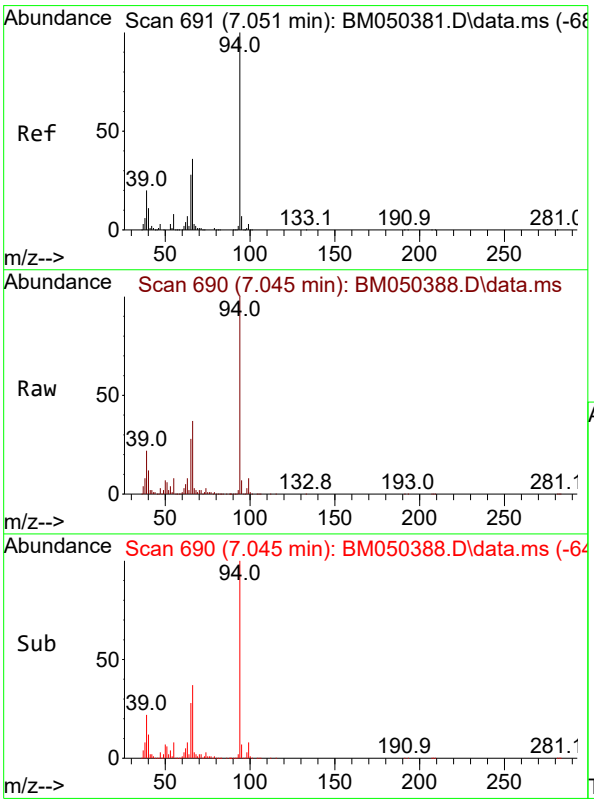
#9
Benzaldehyde
Concen: 40.670 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 791440

Ion	Ratio	Lower	Upper
77	100		
105	101.7	78.4	118.4
106	98.9	76.3	116.3

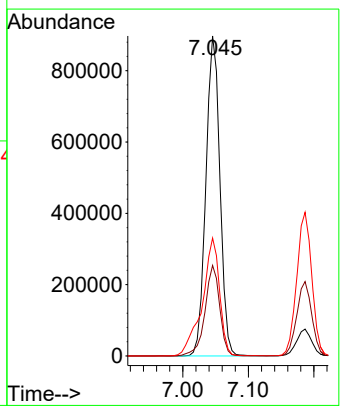


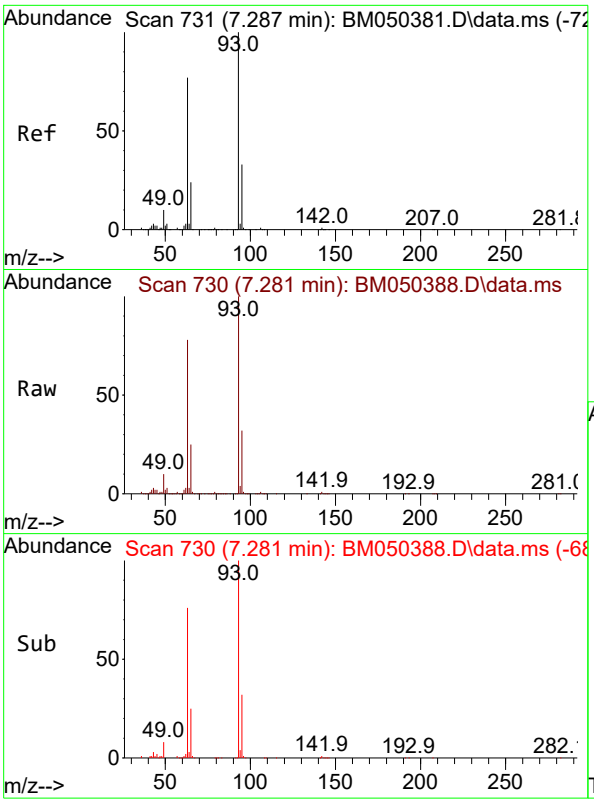


#10
Phenol
Concen: 39.244 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 94 Resp: 1338998

Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.1	48.1
66	36.8	15.8	55.8



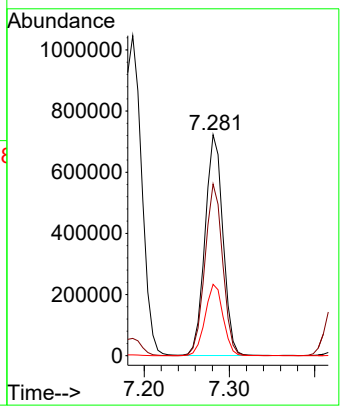


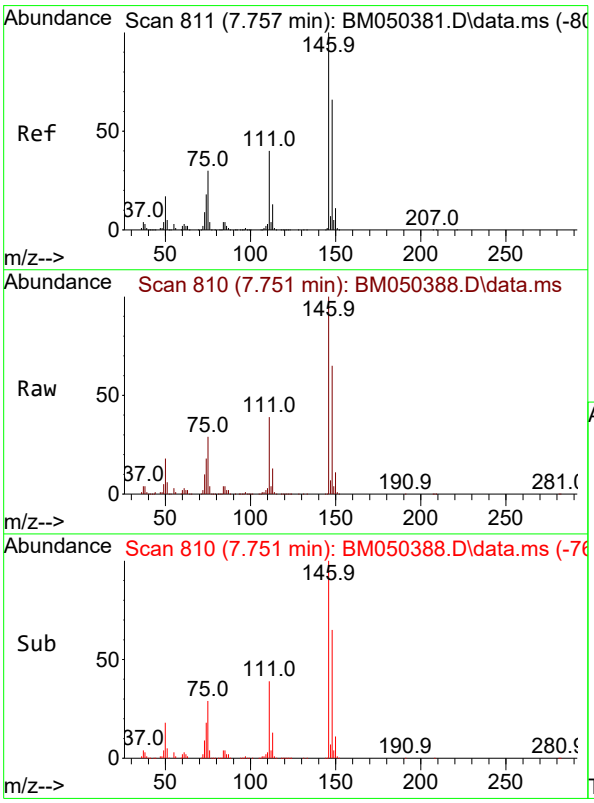
#11
bis(2-Chloroethyl)ether
Concen: 38.647 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1056029

Ion	Ratio	Lower	Upper
93	100		
63	77.6	56.9	96.9
95	32.3	12.6	52.6

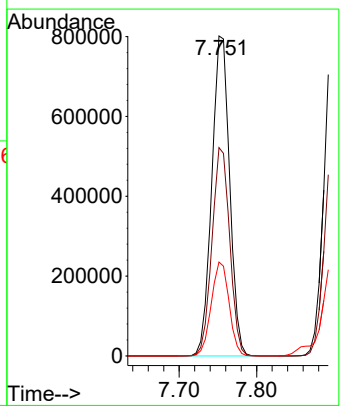


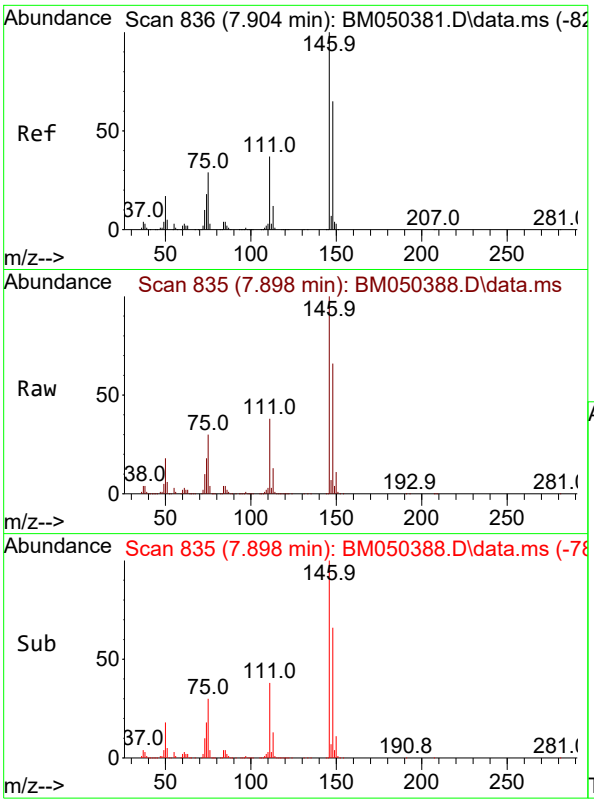


#12
1,3-Dichlorobenzene
Concen: 38.448 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:146 Resp: 1279283

Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.2	79.8
75	29.4	23.9	35.9



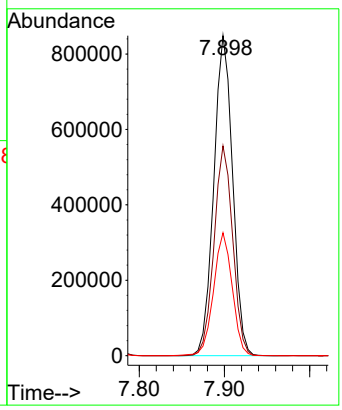


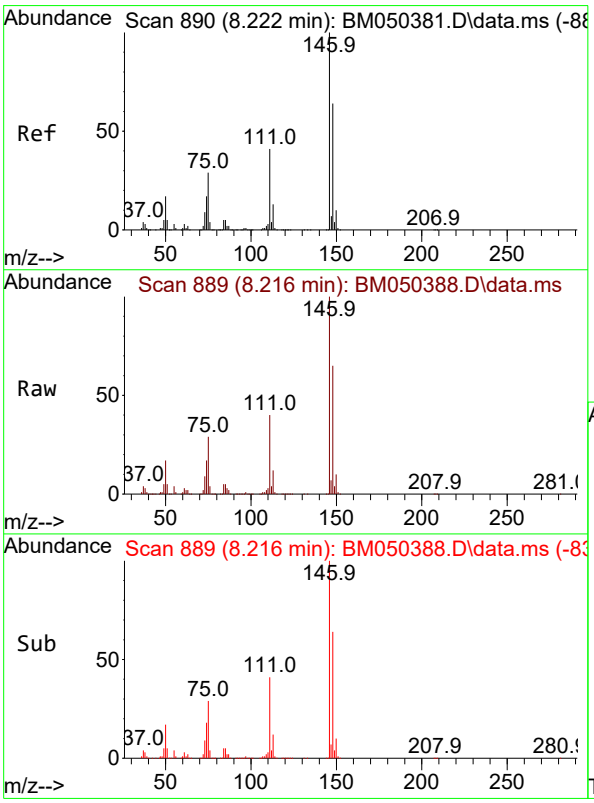
#13
1,4-Dichlorobenzene
Concen: 38.410 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1304979

Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.9	77.9
111	38.4	30.0	45.0

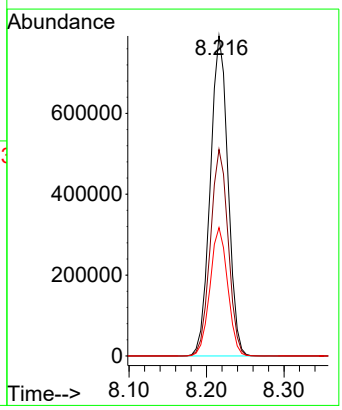


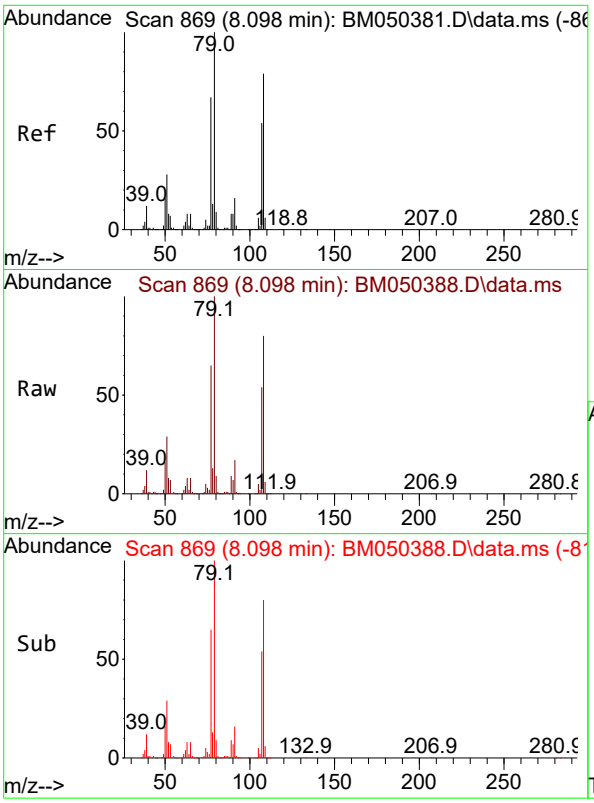


#14
1,2-Dichlorobenzene
Concen: 38.554 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:146 Resp: 1254013

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.5	77.3
111	40.1	32.6	49.0



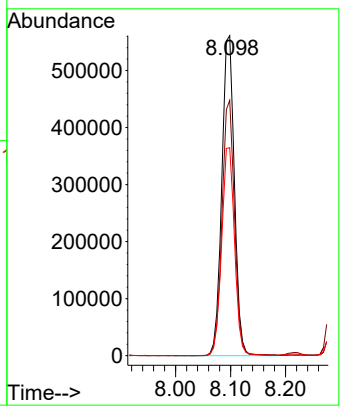


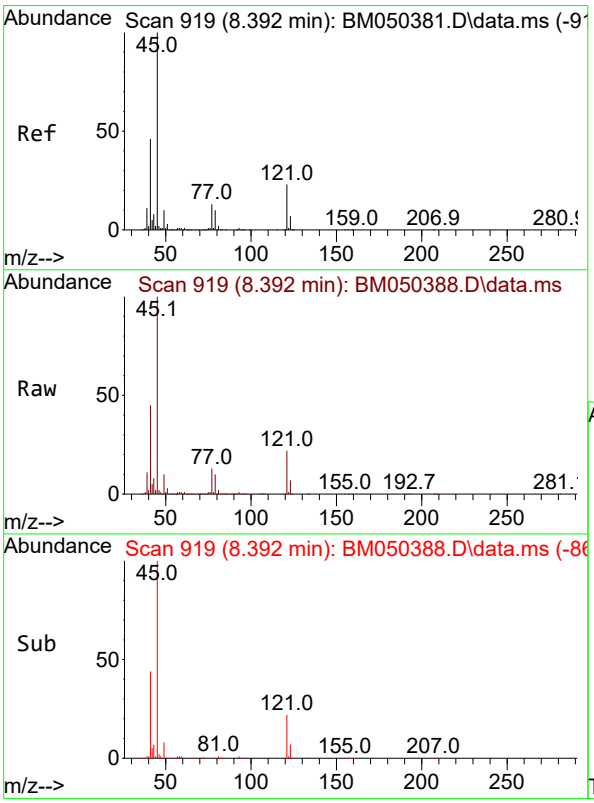
#15
Benzyl Alcohol
Concen: 38.705 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 892127

Ion	Ratio	Lower	Upper
79	100		
108	79.8	63.0	94.4
77	65.0	53.4	80.0

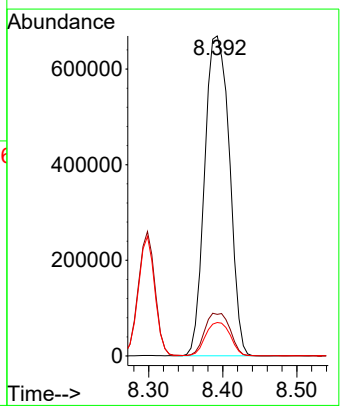


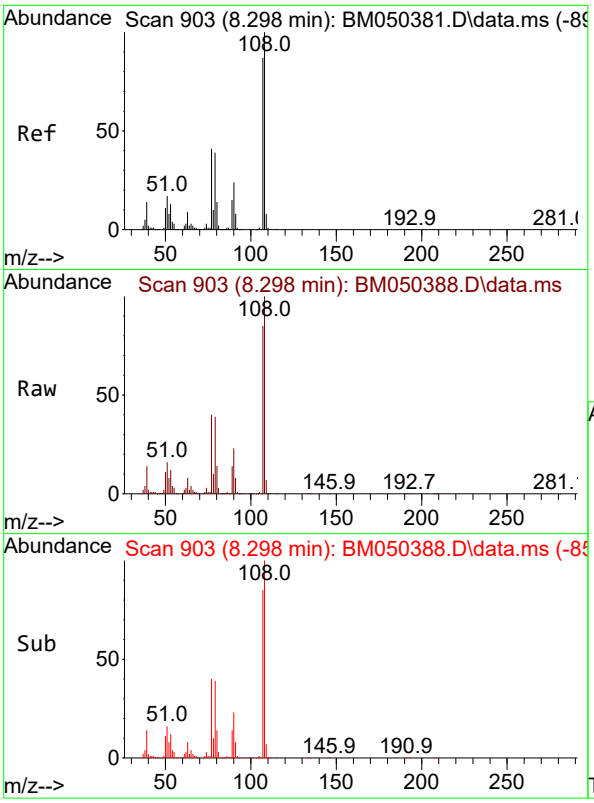


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.628 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 45 Resp: 1554762

Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	33.5
79	10.4	0.0	30.3



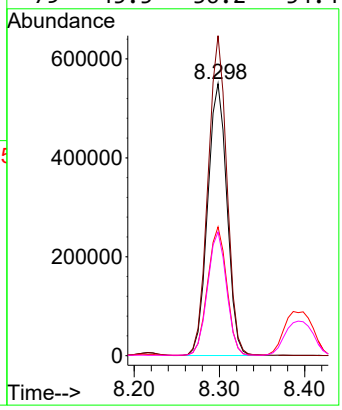


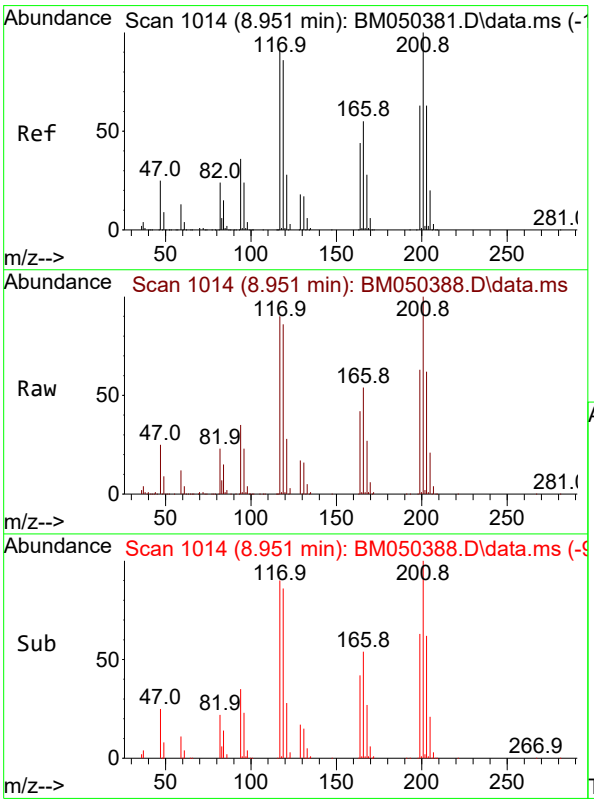
#17
2-Methylphenol
Concen: 39.119 ng
RT: 8.298 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 865693

Ion	Ratio	Lower	Upper
107	100		
108	117.6	92.1	138.1
77	47.3	38.2	57.4
79	45.5	36.2	54.4

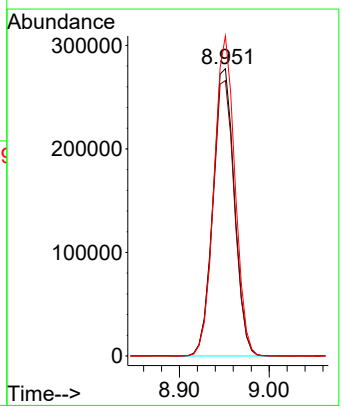


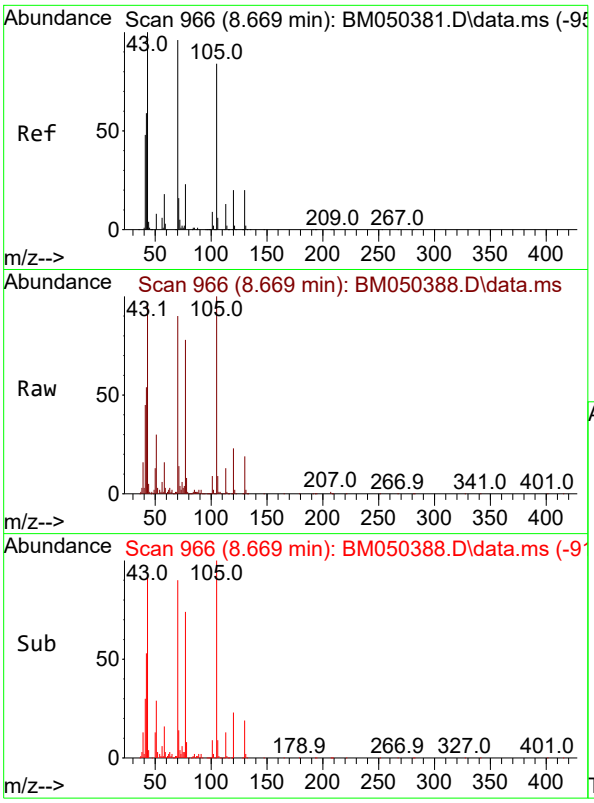


#18
Hexachloroethane
Concen: 38.629 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:117 Resp: 461565

Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.6	113.4
201	111.4	87.9	131.9



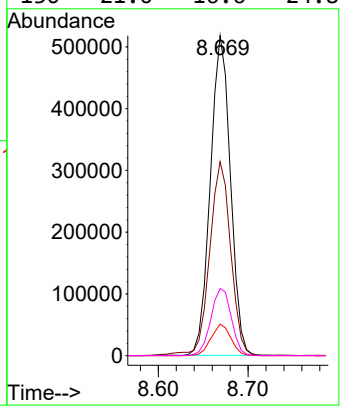


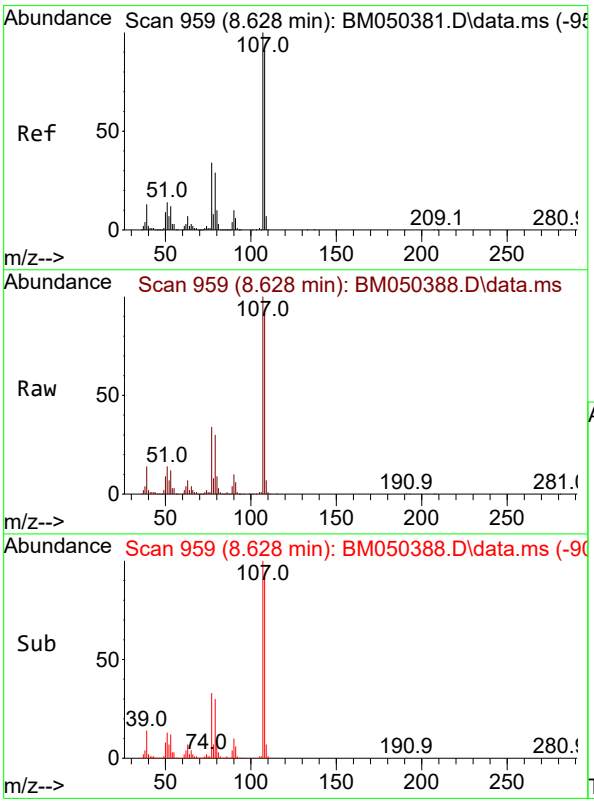
#19
n-Nitroso-di-n-propylamine
Concen: 40.582 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 804233

Ion	Ratio	Lower	Upper
70	100		
42	60.6	49.7	74.5
101	9.9	7.7	11.5
130	21.0	16.6	24.8

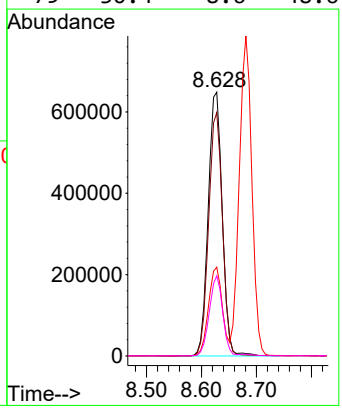


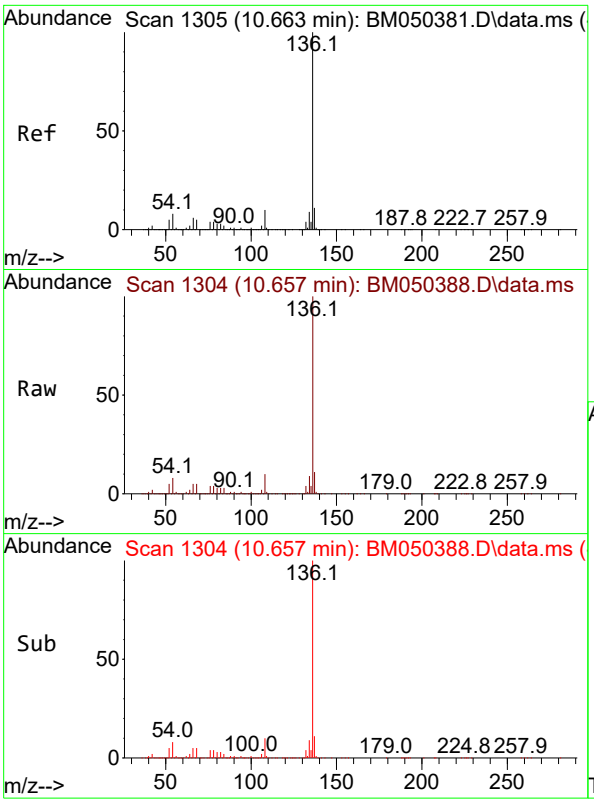


#20
3+4-Methylphenols
Concen: 38.828 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:107 Resp: 1153500

Ion	Ratio	Lower	Upper
107	100		
108	92.2	71.5	111.5
77	33.6	13.7	53.7
79	30.4	8.6	48.6



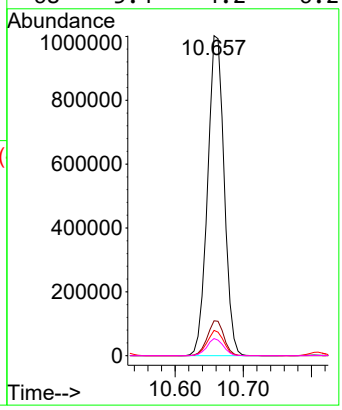


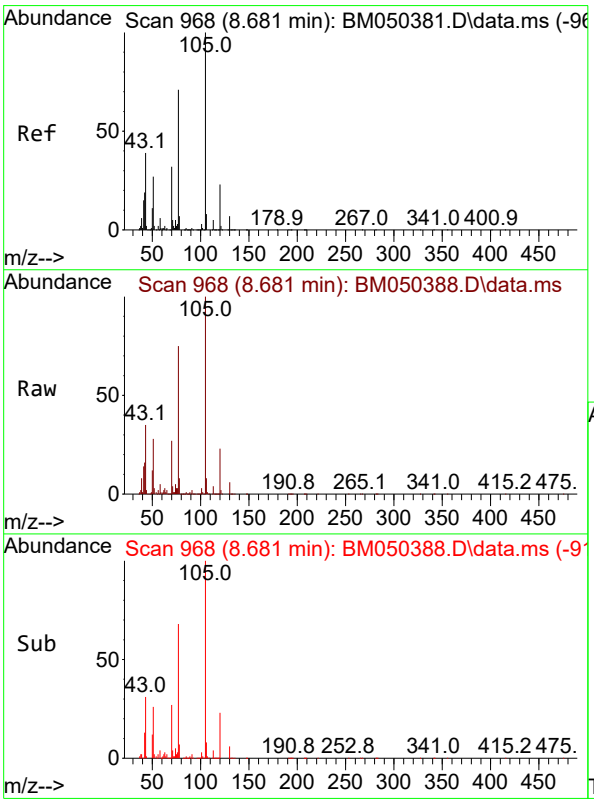
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1689419

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	6.3	9.5
68	5.4	4.2	6.2

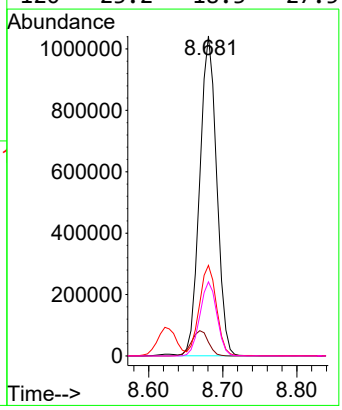


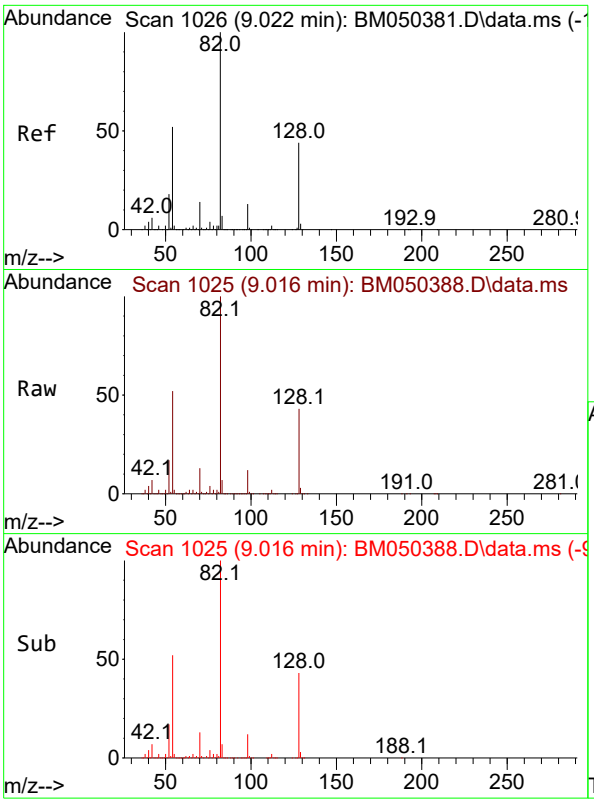


#22
Acetophenone
Concen: 39.254 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:105 Resp: 1658059

Ion	Ratio	Lower	Upper
105	100		
71	4.3	4.4	6.6#
51	28.3	23.0	34.6
120	23.2	18.3	27.5



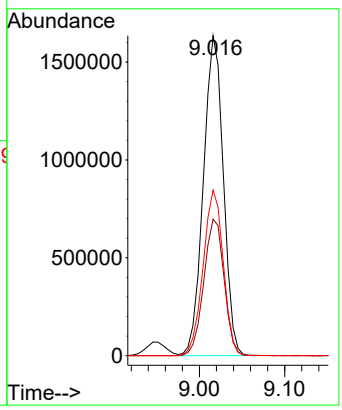


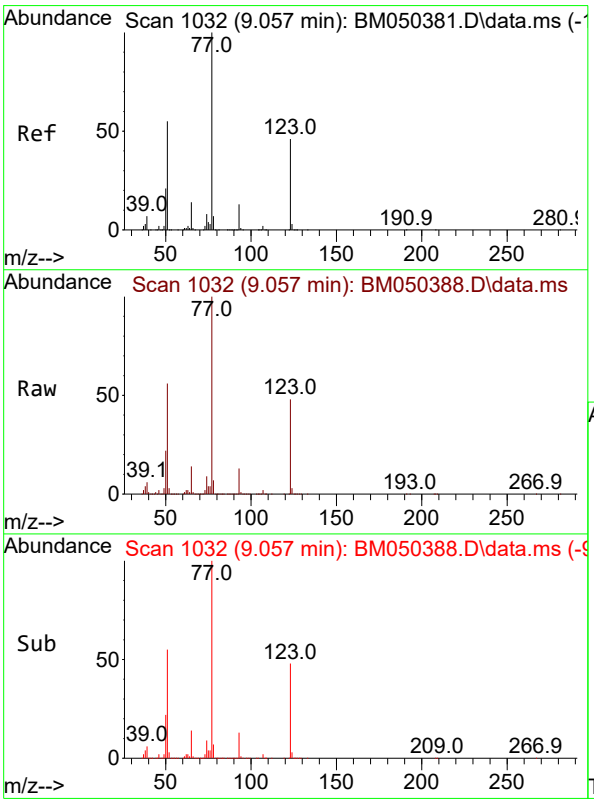
#23
Nitrobenzene-d5
Concen: 80.309 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2659377

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.2	52.8
54	51.7	41.5	62.3

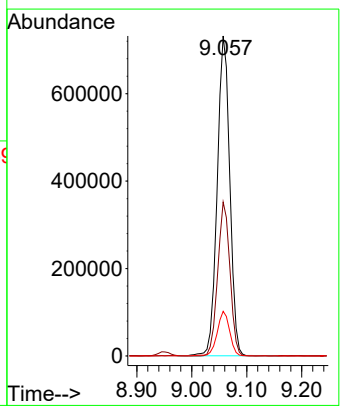


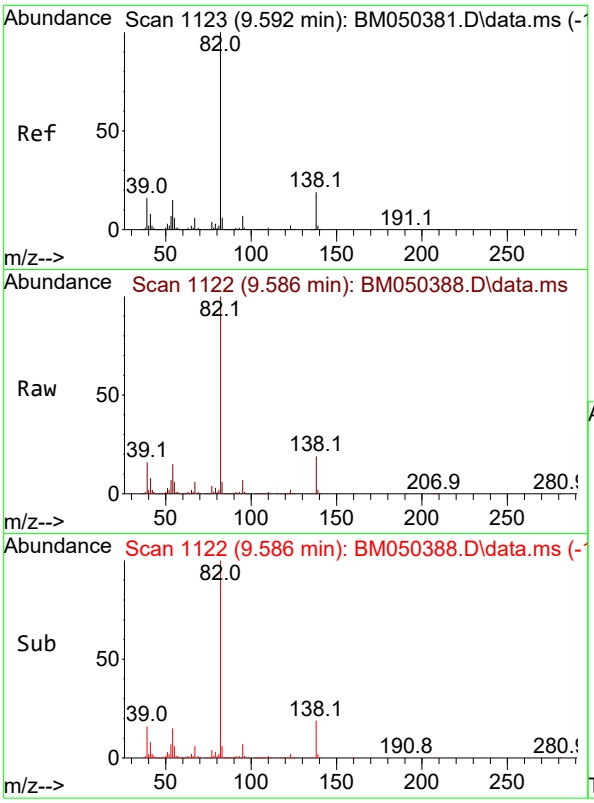


#24
Nitrobenzene
Concen: 39.209 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 77 Resp: 1158614

Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.0	55.6
65	14.0	11.0	16.4



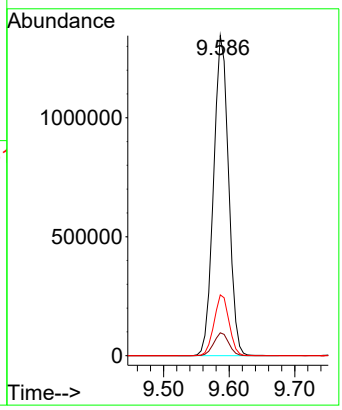


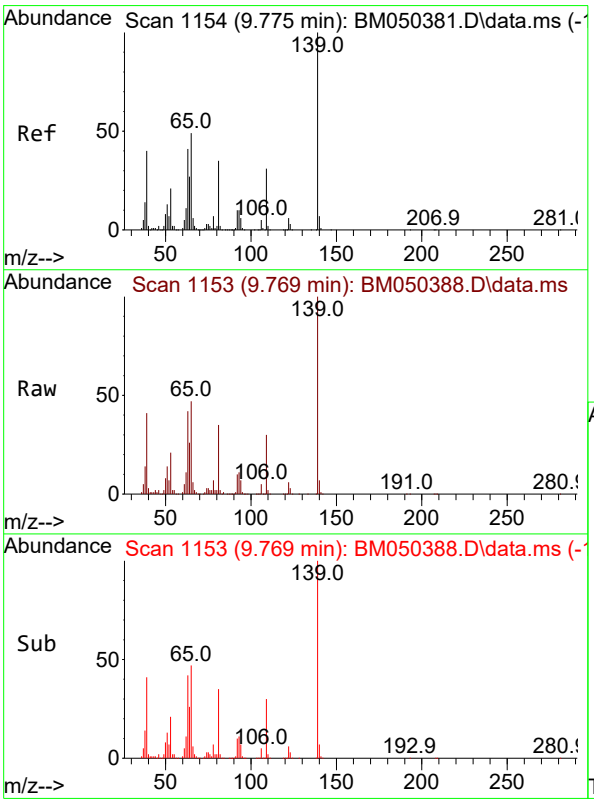
#25
Isophorone
Concen: 39.731 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2134890

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.0	15.3	22.9

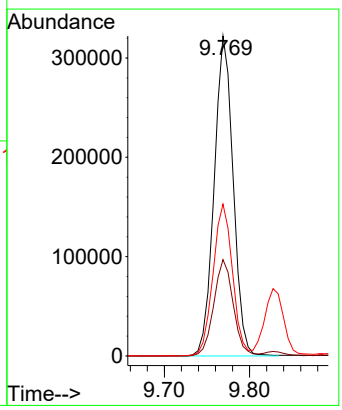


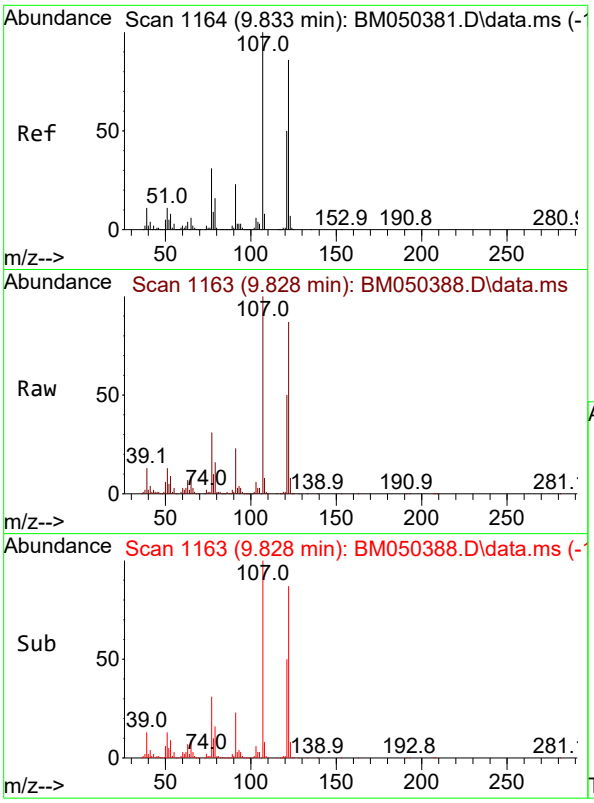


#26
2-Nitrophenol
Concen: 41.573 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:139 Resp: 500678

Ion	Ratio	Lower	Upper
139	100		
109	30.1	24.6	36.8
65	47.4	39.2	58.8



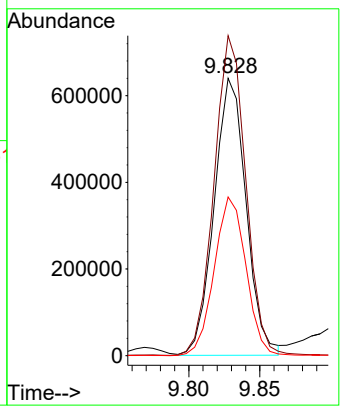


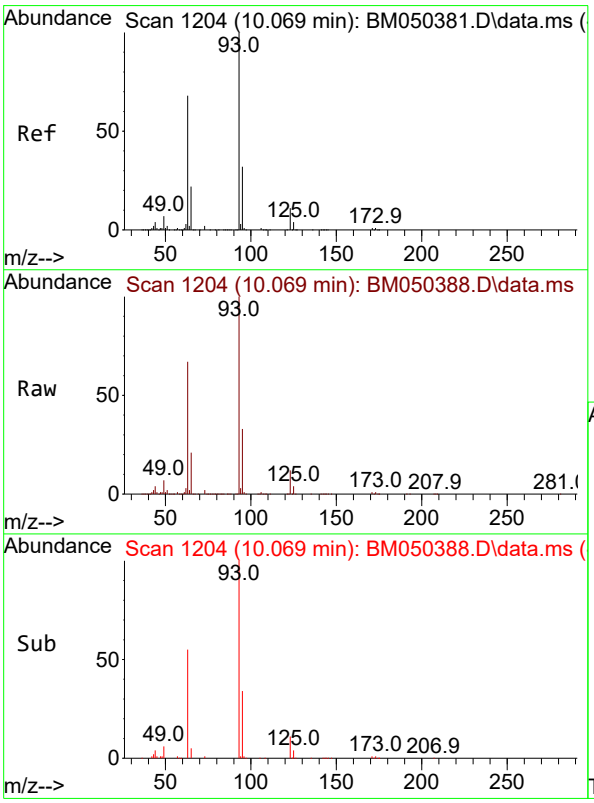
#27
2,4-Dimethylphenol
Concen: 39.120 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 1002511

Ion	Ratio	Lower	Upper
122	100		
107	115.4	93.0	139.6
121	57.2	46.1	69.1

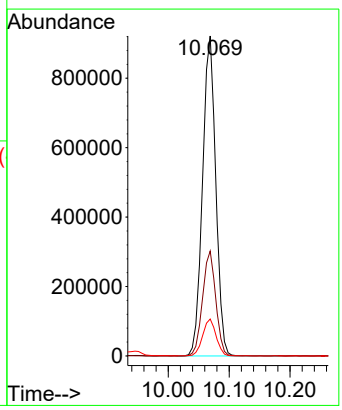


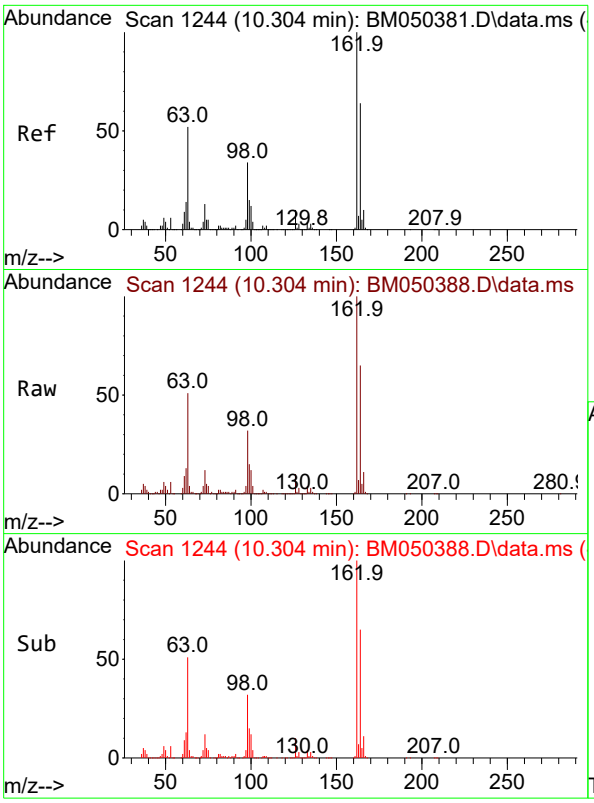


#28
bis(2-Chloroethoxy)methane
Concen: 39.134 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 93 Resp: 1393378

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	11.5	9.1	13.7



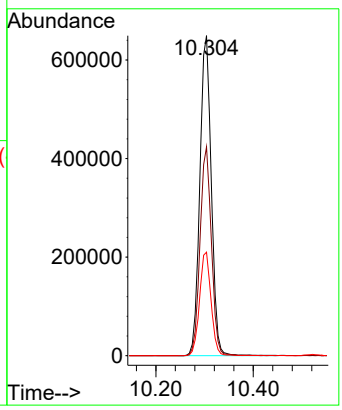


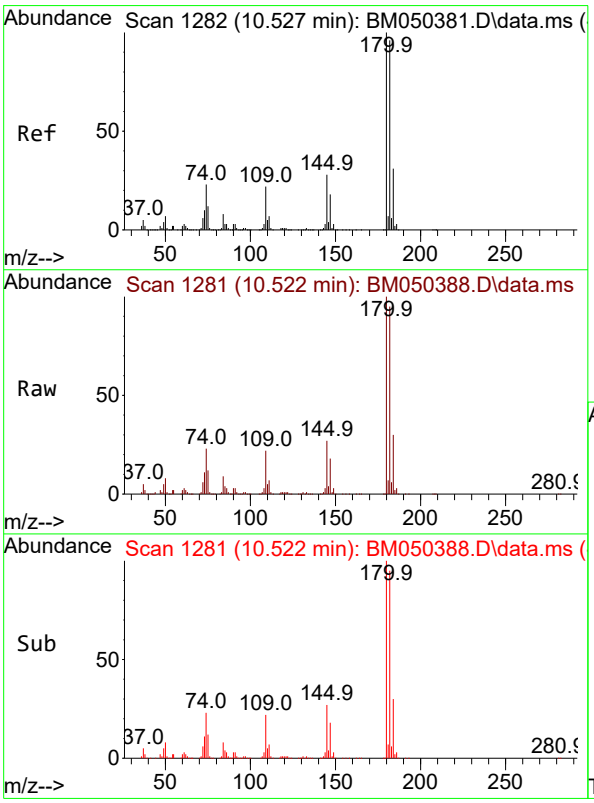
#29
2,4-Dichlorophenol
Concen: 40.255 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1059842

Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.7	83.7
98	32.4	13.7	53.7

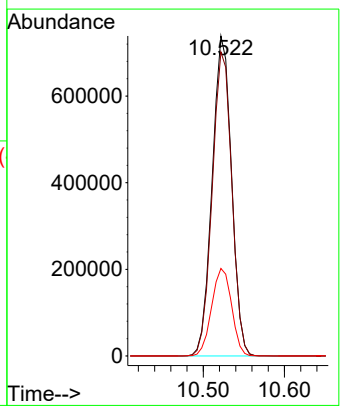


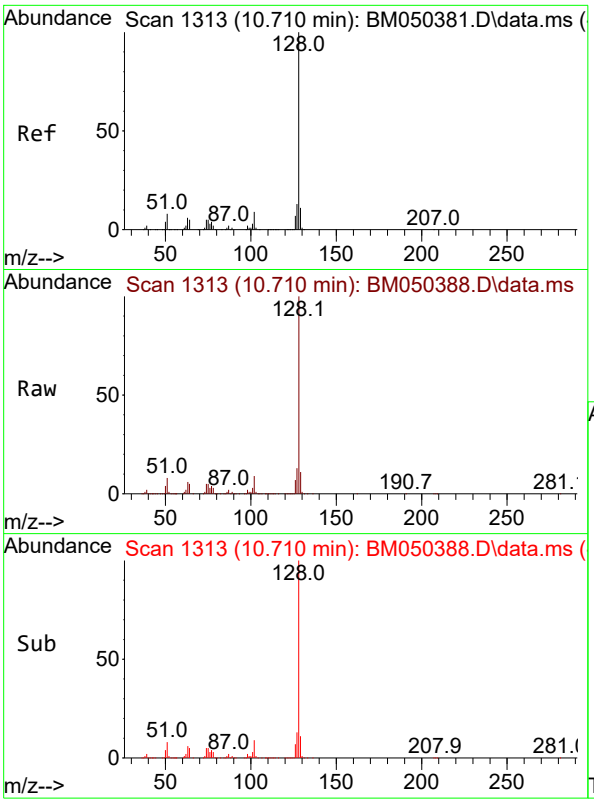


#30
1,2,4-Trichlorobenzene
Concen: 38.868 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:180 Resp: 1224173

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	27.4	22.6	33.8



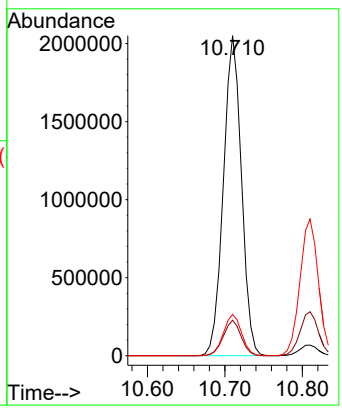


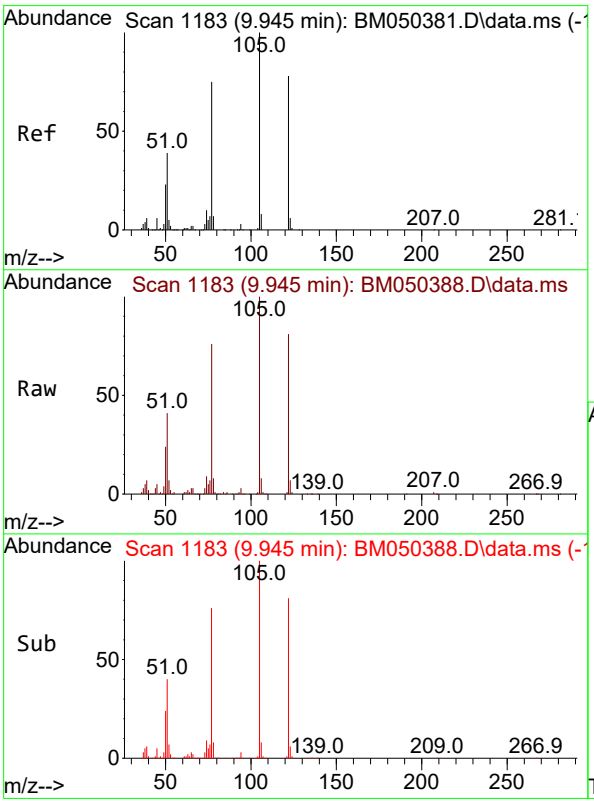
#31
Naphthalene
Concen: 38.687 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 3319721

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.9	10.4	15.6

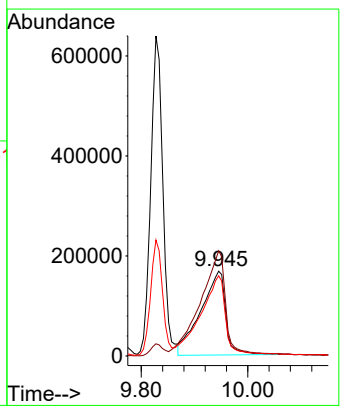


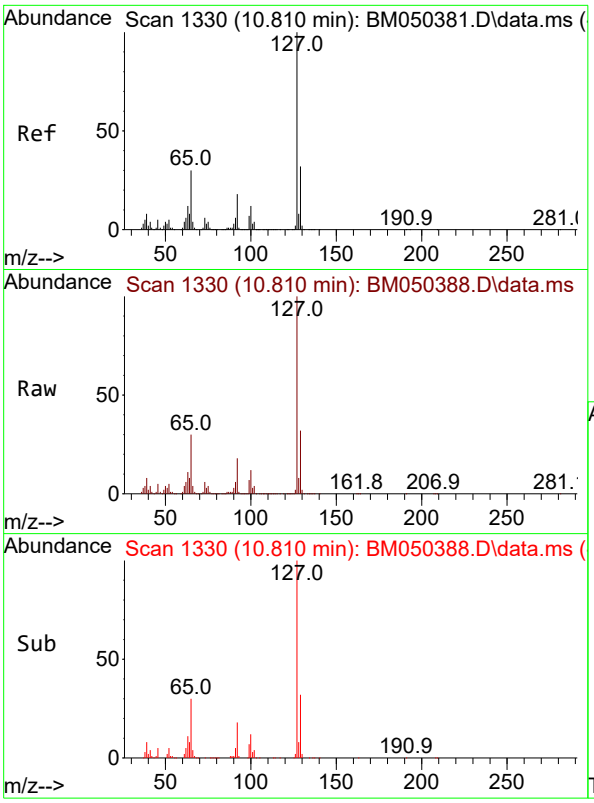


#32
Benzoic acid
Concen: 36.416 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:122 Resp: 546926

Ion	Ratio	Lower	Upper
122	100		
105	124.1	104.0	144.0
77	94.6	73.8	113.8



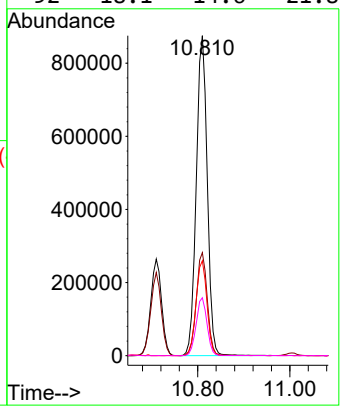


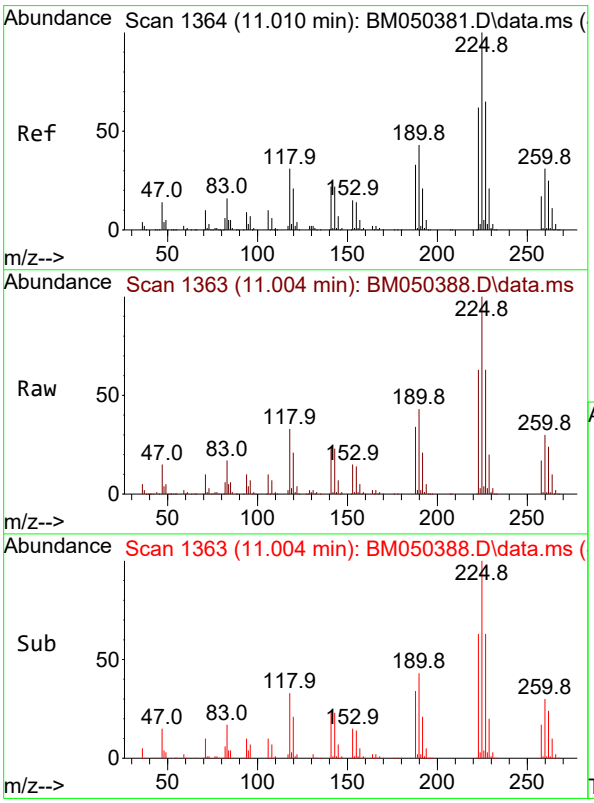
#33
4-Chloroaniline
Concen: 39.935 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1448728

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.5	38.3
65	29.7	23.9	35.9
92	18.1	14.6	21.8

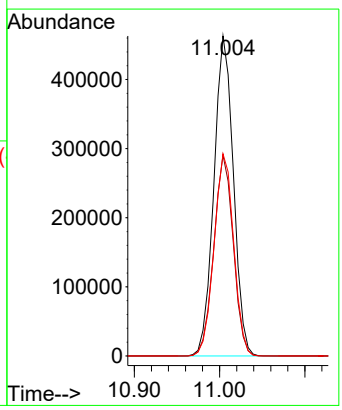


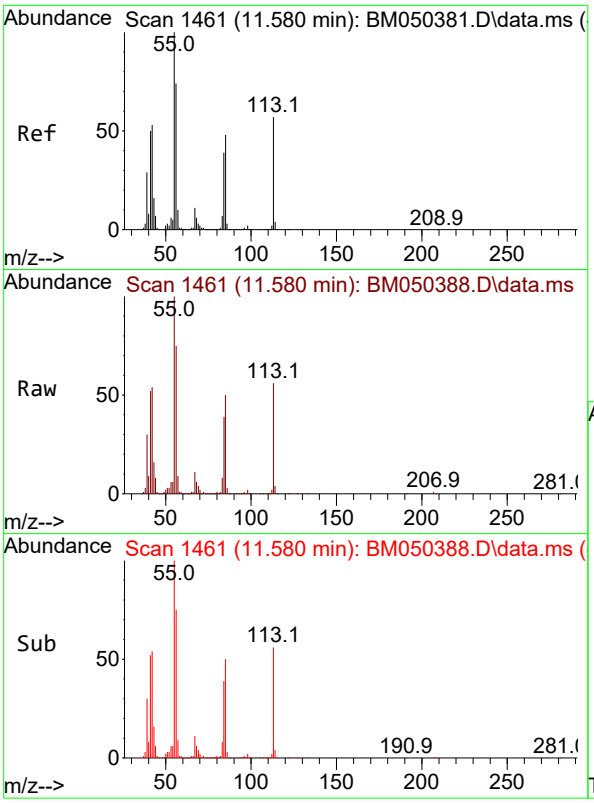


#34
Hexachlorobutadiene
Concen: 38.287 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:225 Resp: 735985

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	63.2	52.1	78.1



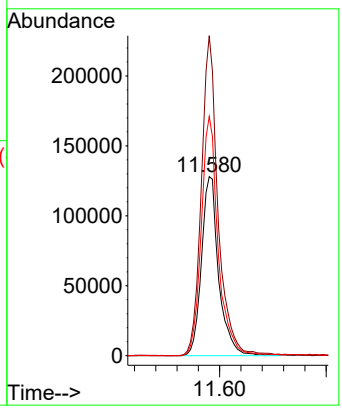


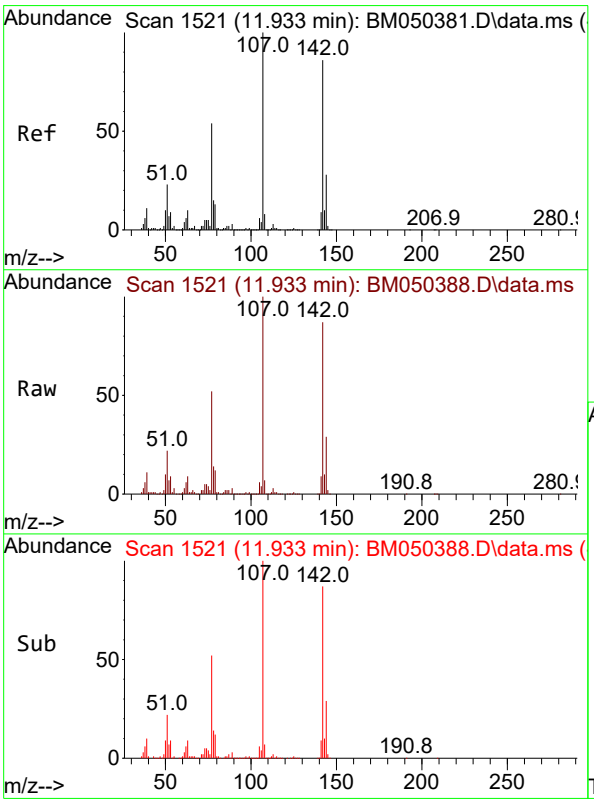
#35
Caprolactam
Concen: 39.842 ng
RT: 11.580 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 286350

Ion	Ratio	Lower	Upper
113	100		
55	178.8	157.2	197.2
56	133.7	111.7	151.7

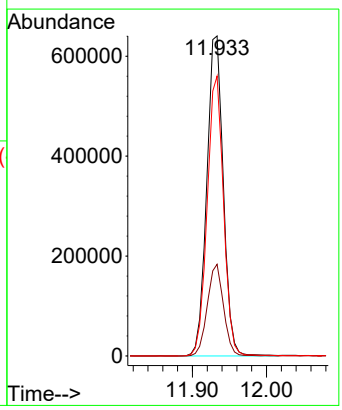


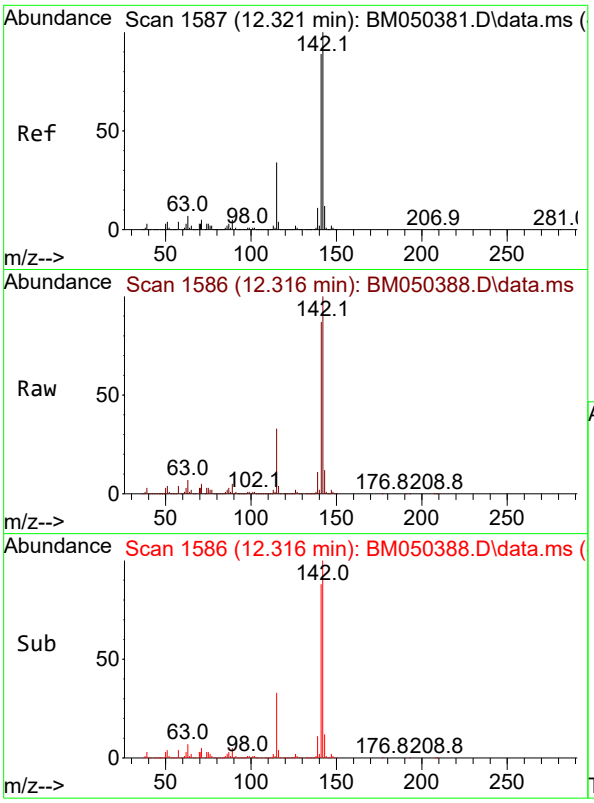


#36
4-Chloro-3-methylphenol
Concen: 40.292 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:107 Resp: 990607

Ion	Ratio	Lower	Upper
107	100		
144	28.7	22.2	33.4
142	87.4	68.7	103.1



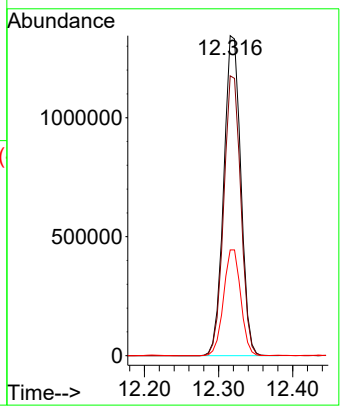


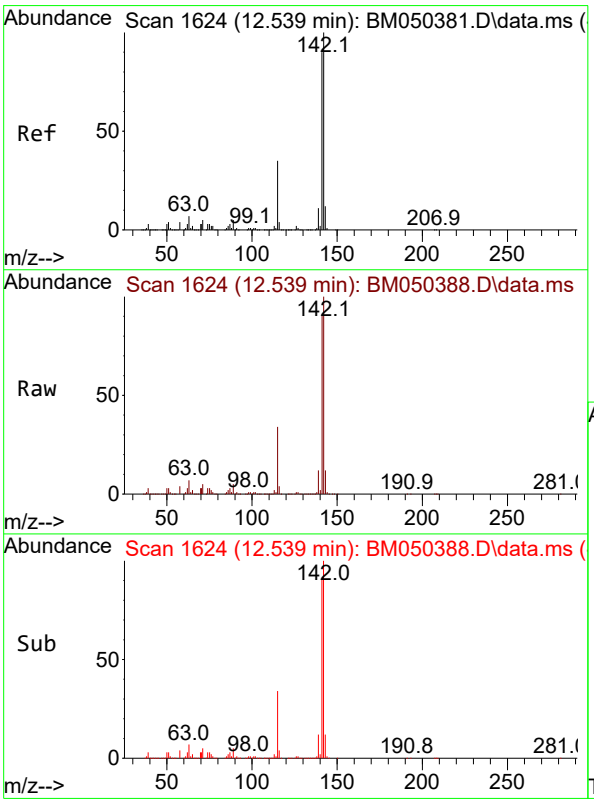
#37
2-Methylnaphthalene
Concen: 39.639 ng
RT: 12.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 2147668

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	33.1	27.0	40.4

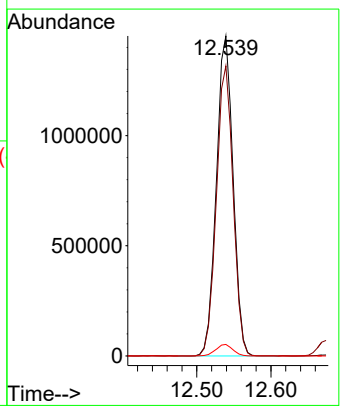


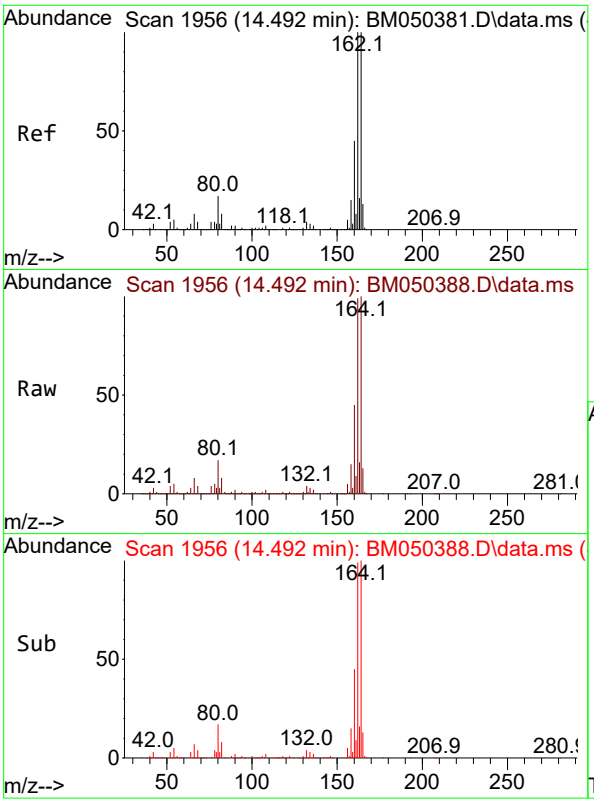


#38
1-Methylnaphthalene
Concen: 39.627 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:142 Resp: 2272208

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9
116	3.6	3.0	4.6



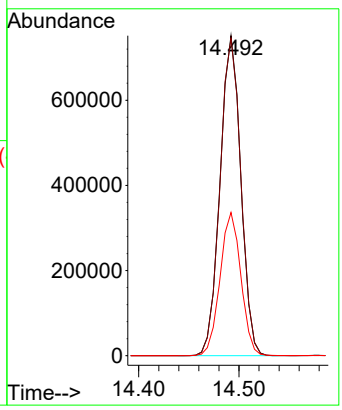


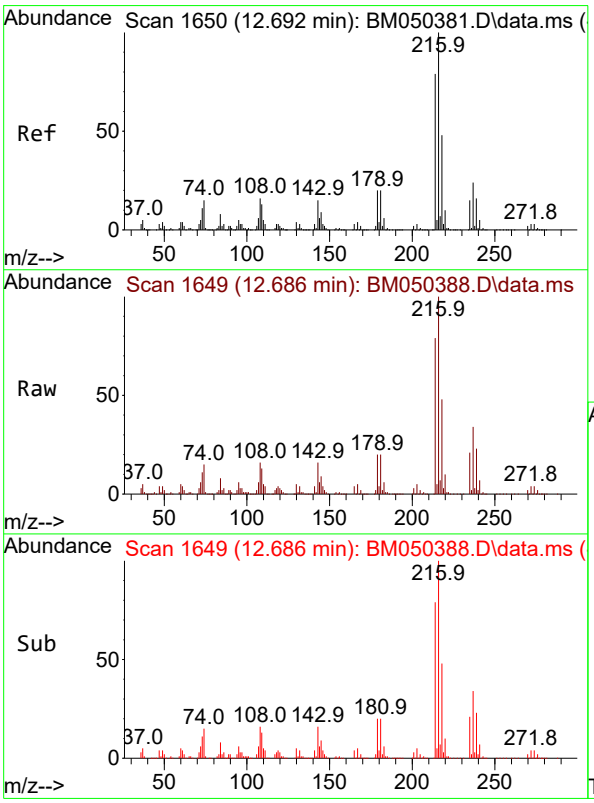
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 1077979

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.9	119.9
160	44.7	36.2	54.4

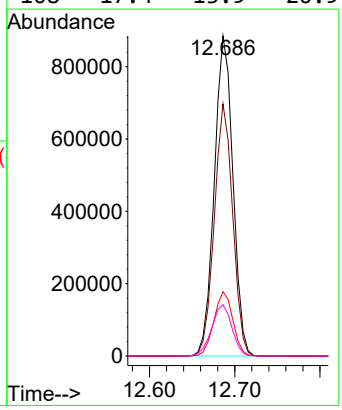


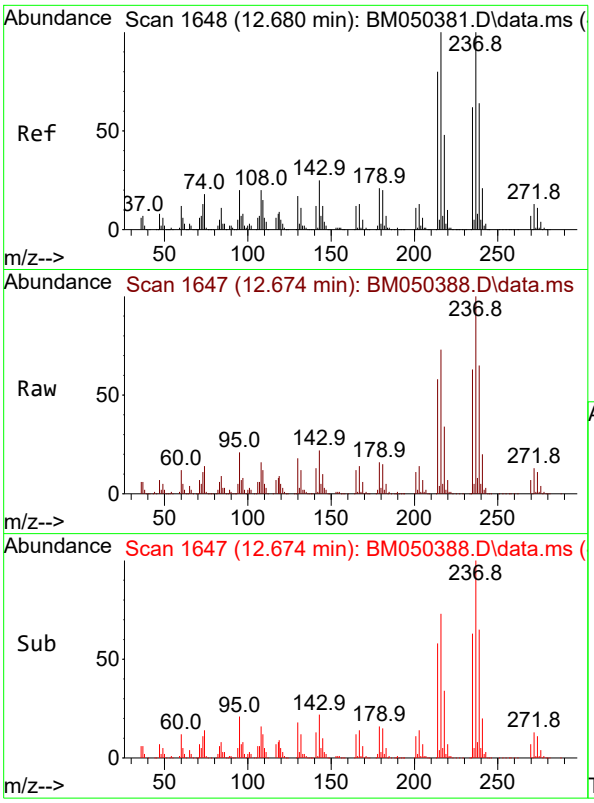


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.148 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:216 Resp: 1342030

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.3	94.9
179	20.3	16.4	24.6
108	17.4	13.9	20.9



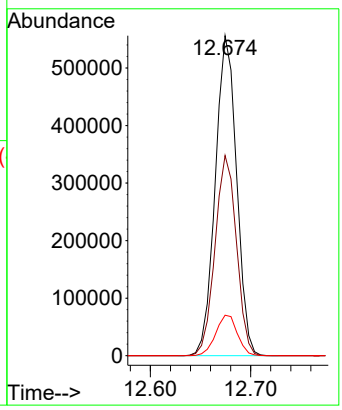


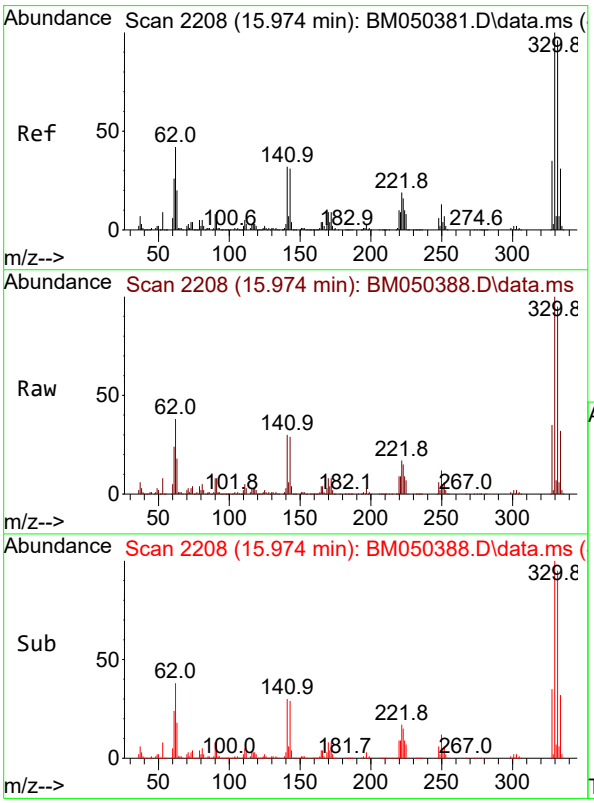
#41
Hexachlorocyclopentadiene
Concen: 37.405 ng
RT: 12.674 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 819638

Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.3	82.3
272	12.6	0.0	33.0

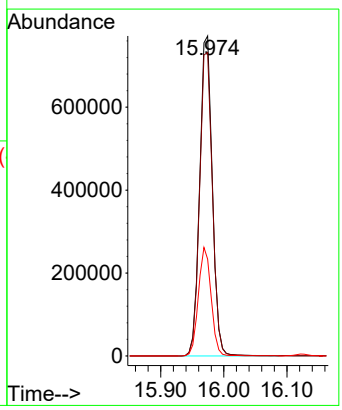


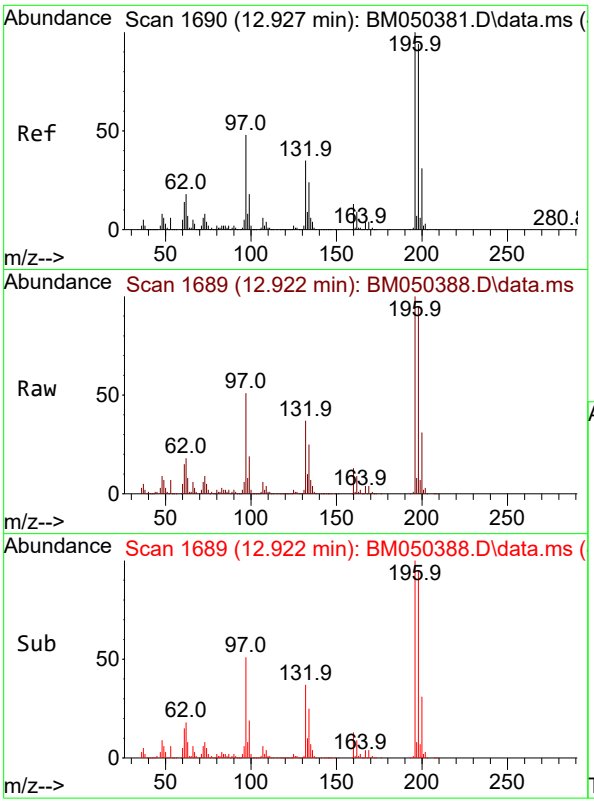


#42
2,4,6-Tribromophenol
Concen: 81.829 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:330 Resp: 1071758

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	34.1	27.4	41.0



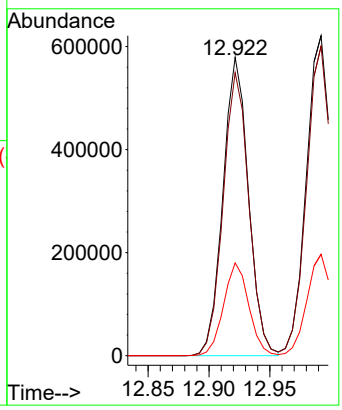


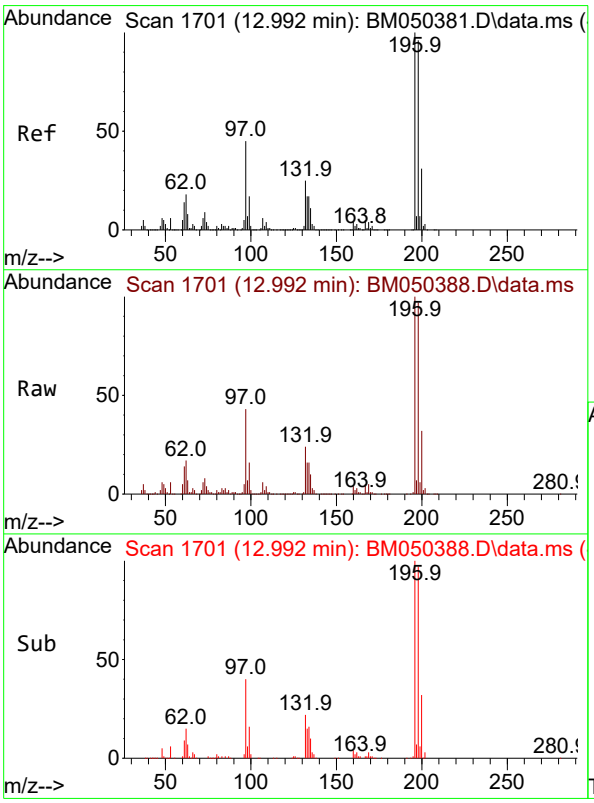
#43
2,4,6-Trichlorophenol
Concen: 40.113 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 846428

Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.1	112.7
200	31.1	24.6	37.0

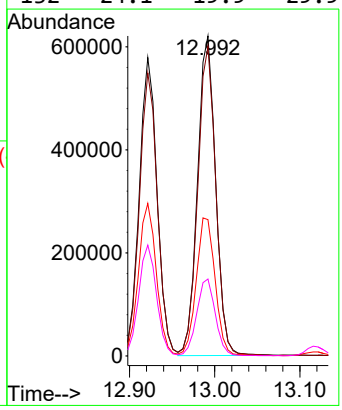


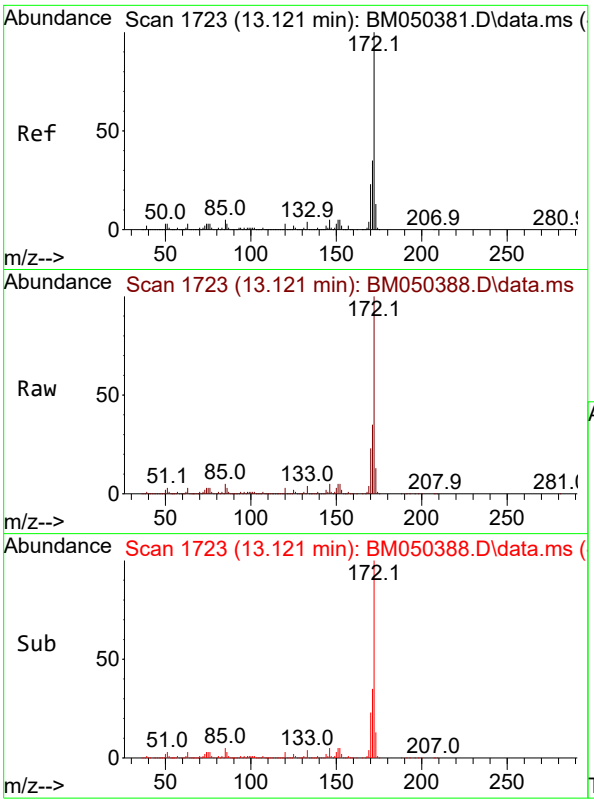


#44
2,4,5-Trichlorophenol
Concen: 39.828 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:196 Resp: 917833

Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.2	115.8
97	42.6	36.2	54.4
132	24.1	19.9	29.9



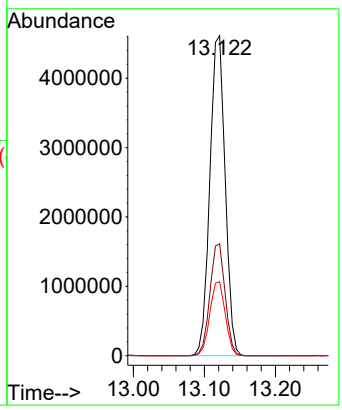


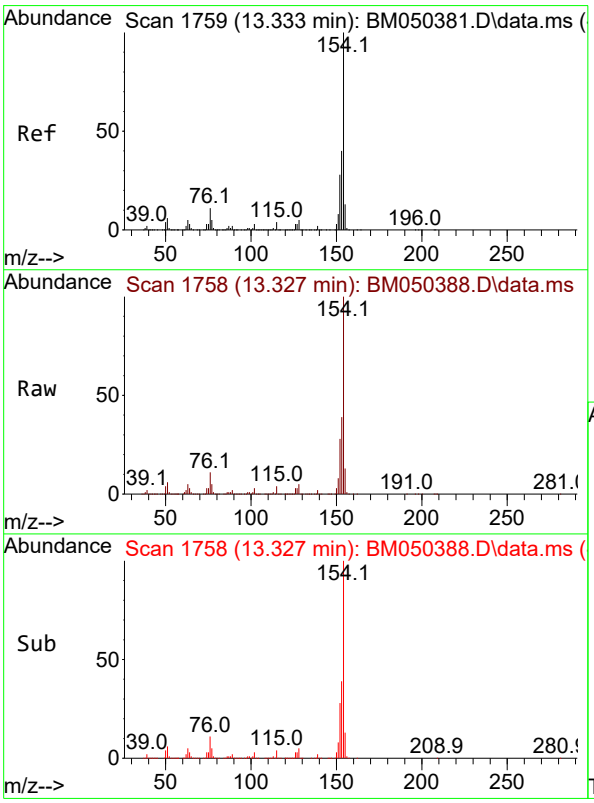
#45
2-Fluorobiphenyl
Concen: 78.998 ng
RT: 13.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 6895749

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.7	41.5
170	23.1	18.8	28.2

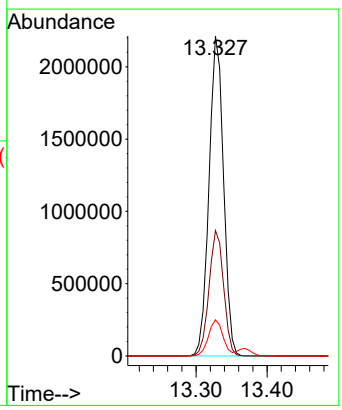


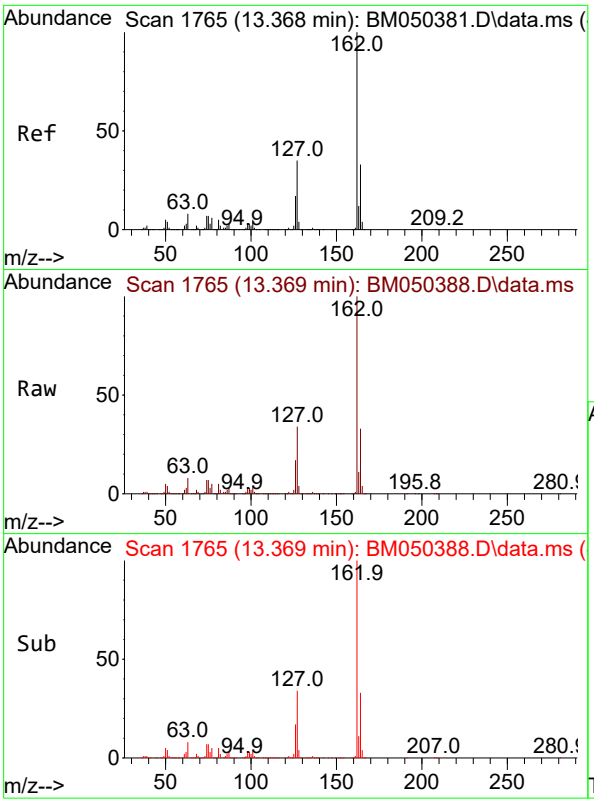


#46
1,1'-Biphenyl
Concen: 39.237 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:154 Resp: 3138094

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.7	59.7
76	11.3	0.0	30.9



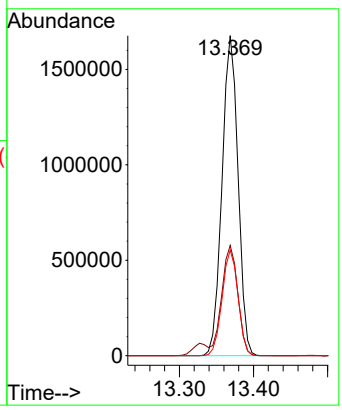


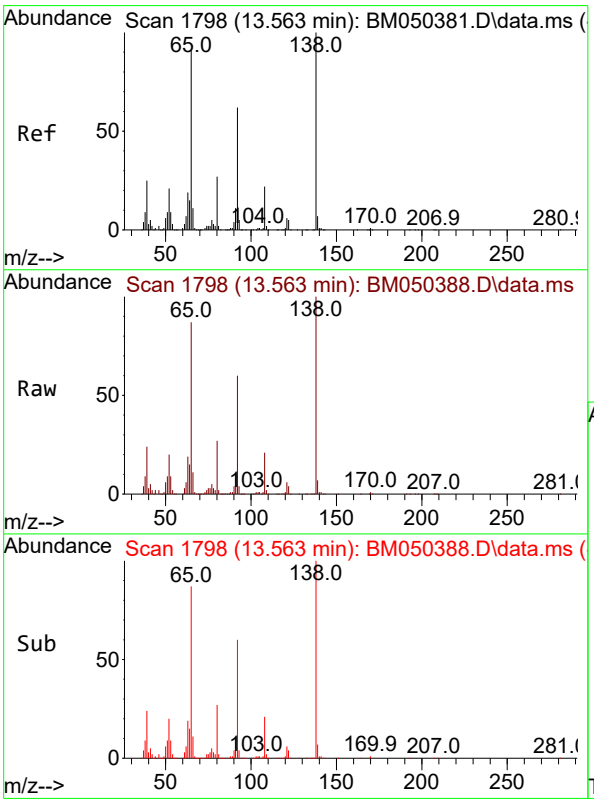
#47
2-Chloronaphthalene
Concen: 39.409 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 2513031

Ion	Ratio	Lower	Upper
162	100		
127	34.5	28.3	42.5
164	33.0	26.6	40.0

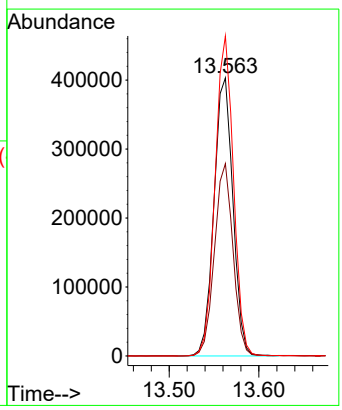


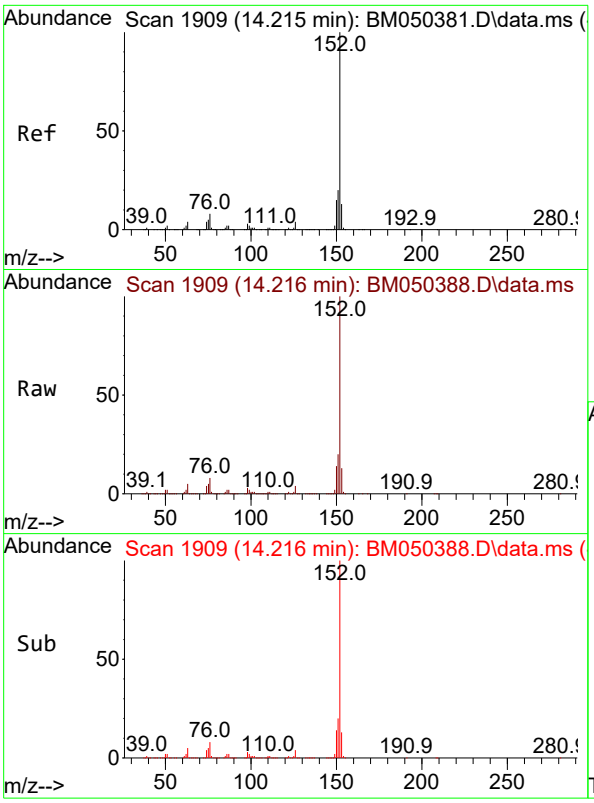


#48
2-Nitroaniline
Concen: 41.634 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 65 Resp: 592609

Ion	Ratio	Lower	Upper
65	100		
92	69.1	54.3	81.5
138	115.1	87.8	131.6



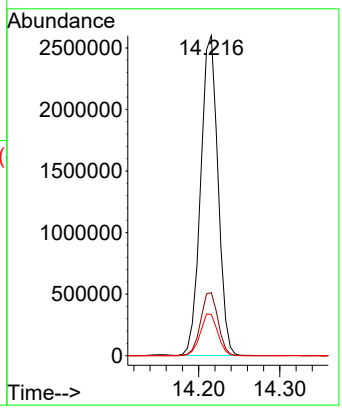


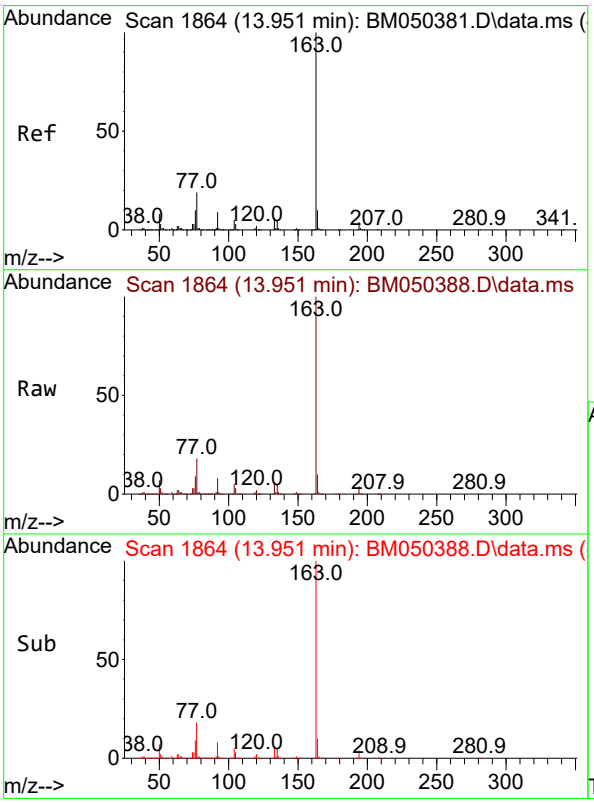
#49
Acenaphthylene
Concen: 39.840 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 3839412

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.9	10.6	15.8

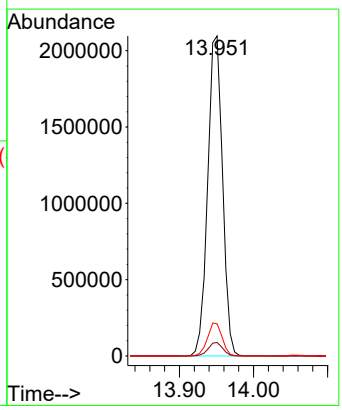


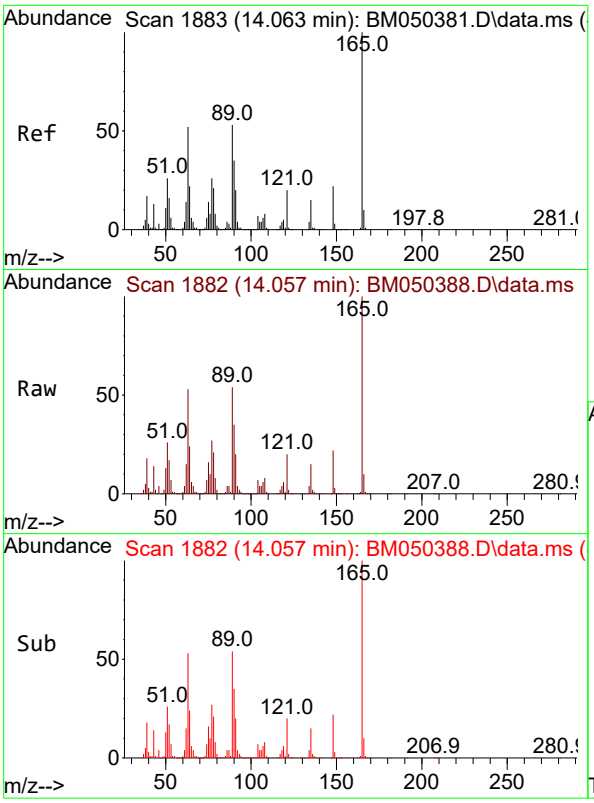


#50
Dimethylphthalate
Concen: 39.292 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:163 Resp: 2916065

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	8.2	12.2



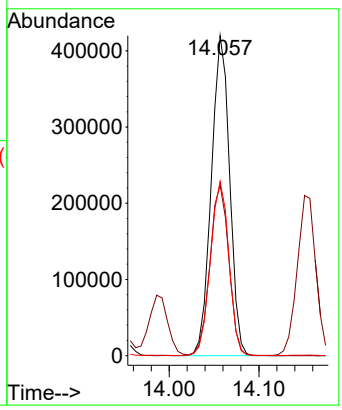


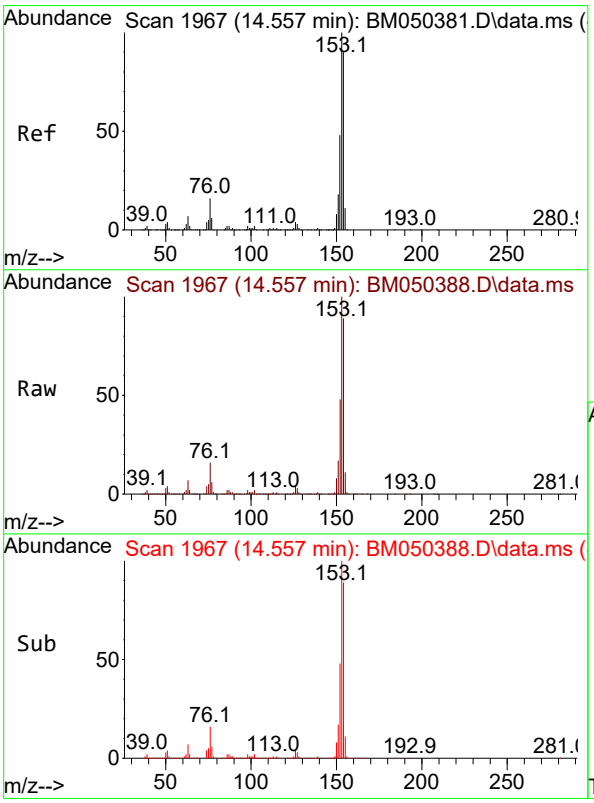
#51
2,6-Dinitrotoluene
Concen: 41.749 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 594910

Ion	Ratio	Lower	Upper
165	100		
63	53.4	42.4	63.6
89	54.5	42.2	63.2

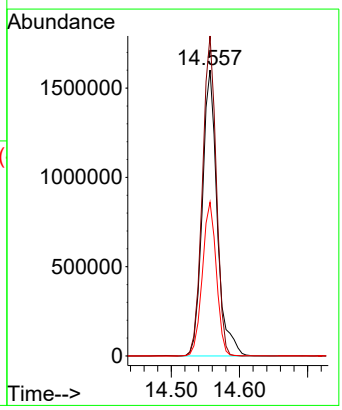


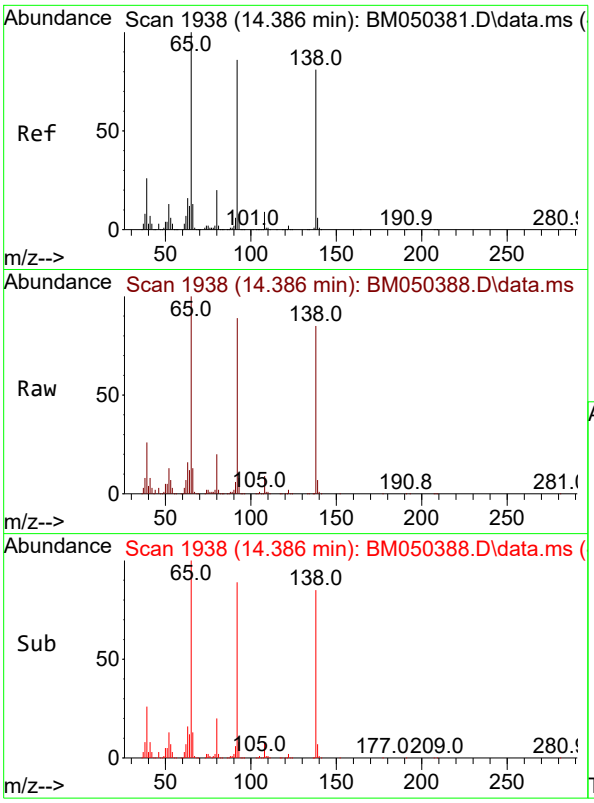


#52
Acenaphthene
Concen: 39.538 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:154 Resp: 2422434

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.2	133.8
152	53.8	42.6	64.0



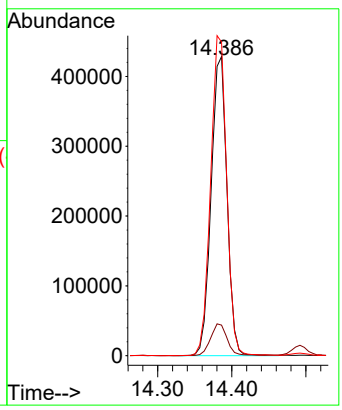


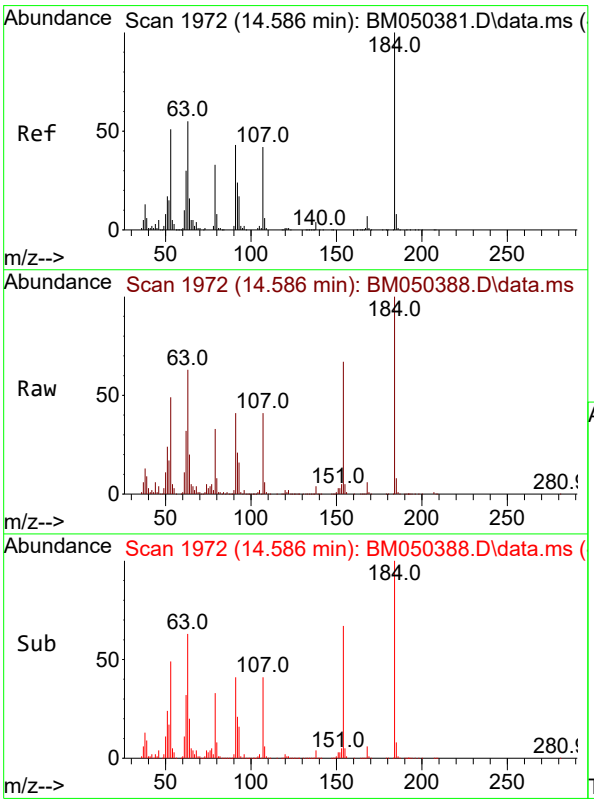
#53
3-Nitroaniline
Concen: 41.996 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 636432

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.8	13.2
92	104.8	85.0	127.6

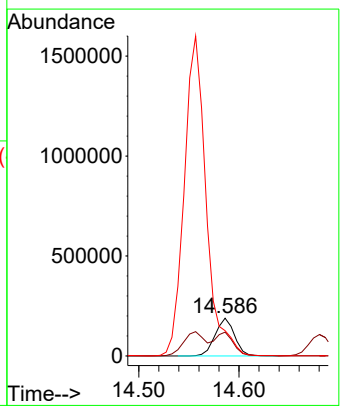


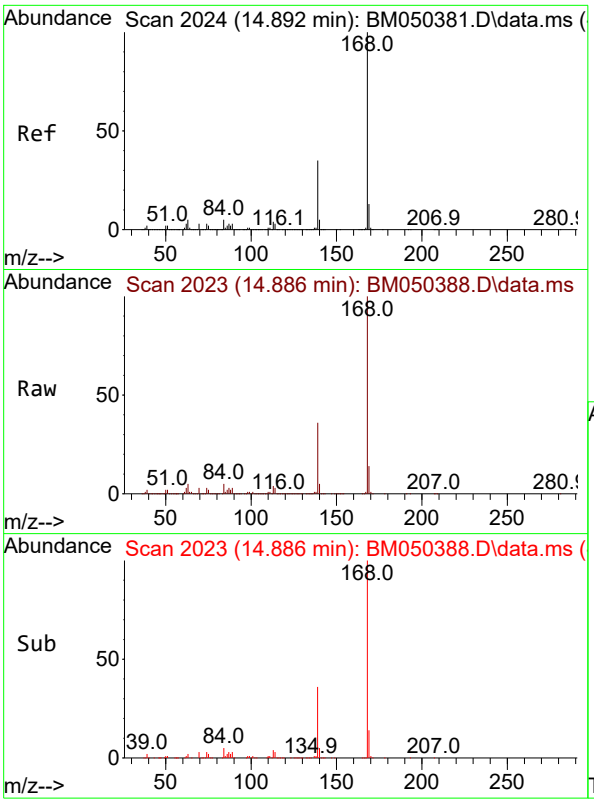


#54
2,4-Dinitrophenol
Concen: 36.238 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:184 Resp: 254984

Ion	Ratio	Lower	Upper
184	100		
63	63.0	53.4	80.0
154	66.8	61.6	92.4



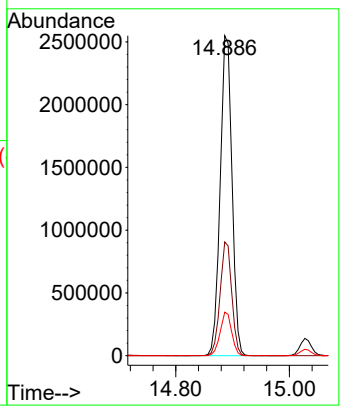


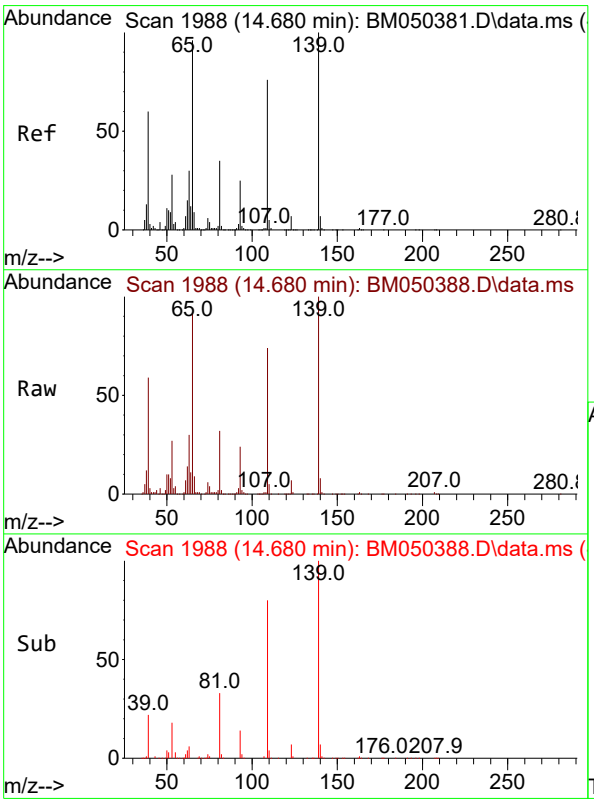
#55
Dibenzofuran
Concen: 39.075 ng
RT: 14.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 3688817

Ion	Ratio	Lower	Upper
168	100		
139	35.5	27.7	41.5
169	13.6	10.7	16.1

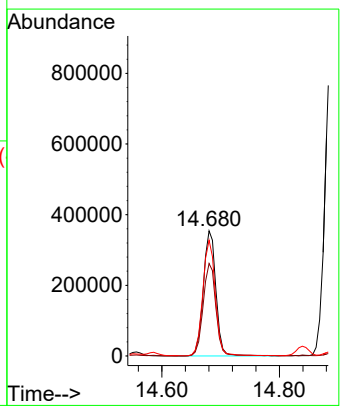


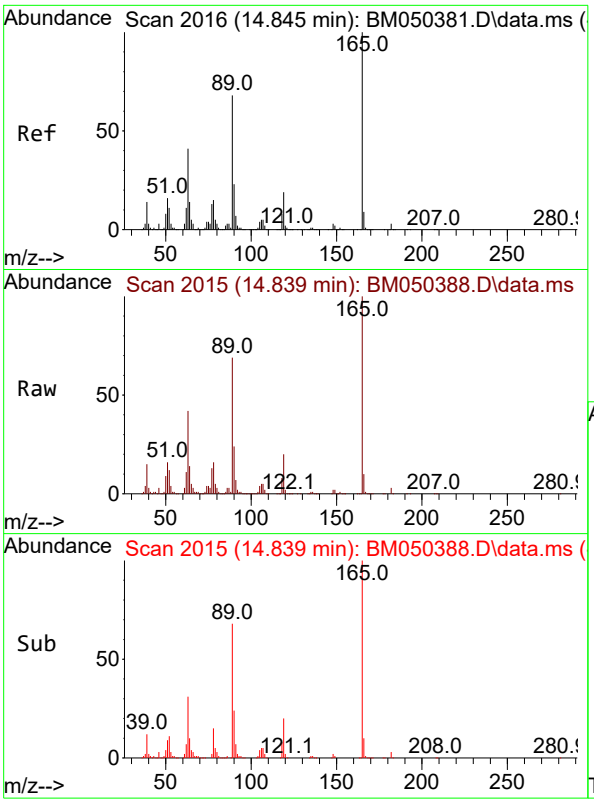


#56
4-Nitrophenol
Concen: 40.394 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:139 Resp: 526425

Ion	Ratio	Lower	Upper
139	100		
109	73.9	56.5	96.5
65	92.4	76.4	116.4



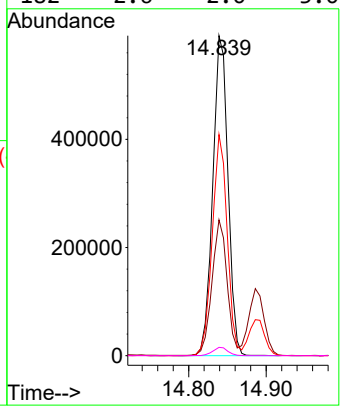


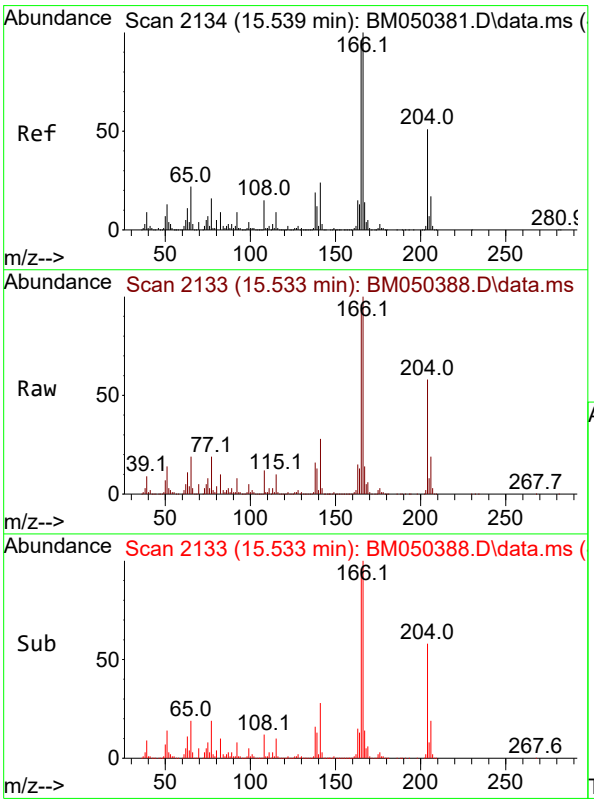
#57
2,4-Dinitrotoluene
Concen: 38.303 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 804634

Ion	Ratio	Lower	Upper
165	100		
63	42.4	32.5	48.7
89	69.1	54.0	81.0
182	2.6	2.0	3.0

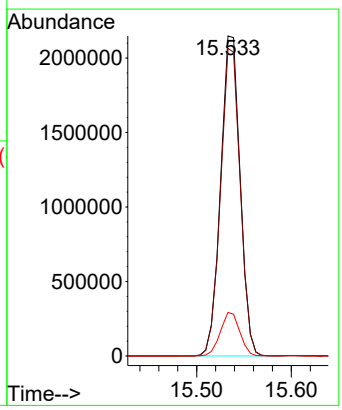


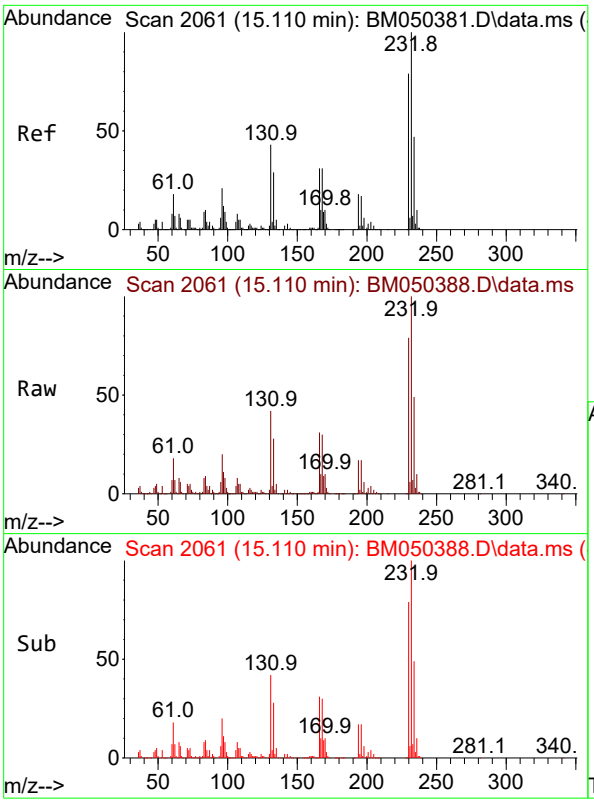


#58
Fluorene
Concen: 39.604 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:166 Resp: 3079505

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.0	115.6
167	13.6	10.9	16.3



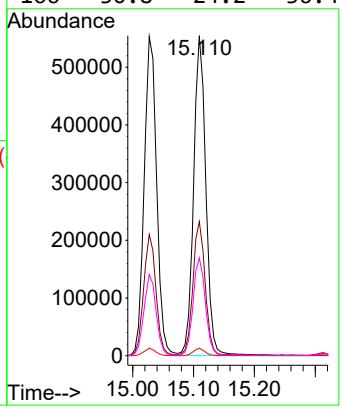


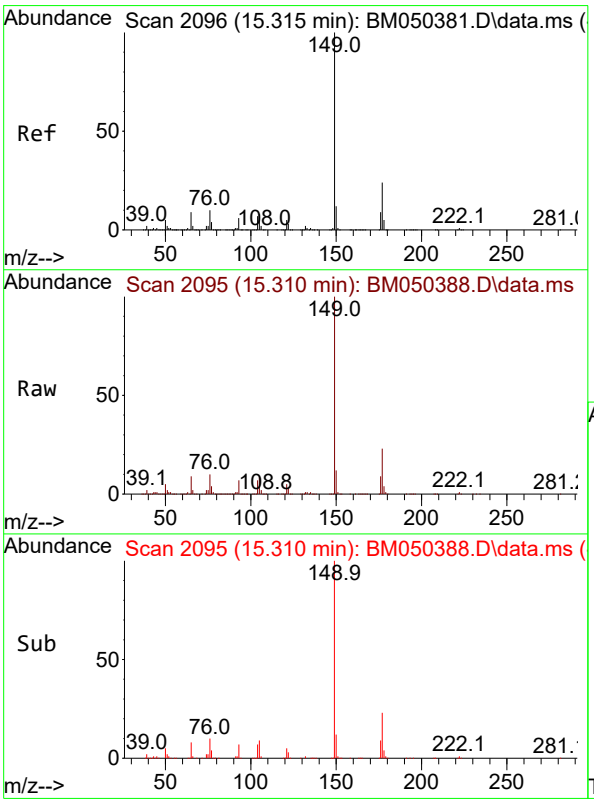
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.791 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 771927

Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.4	50.0
130	2.2	1.8	2.6
166	30.8	24.2	36.4

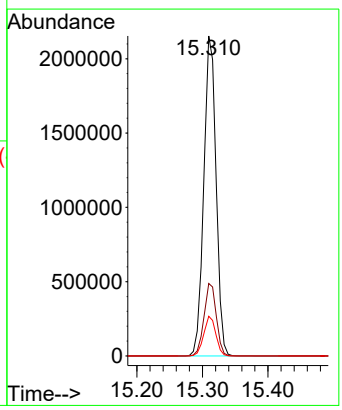


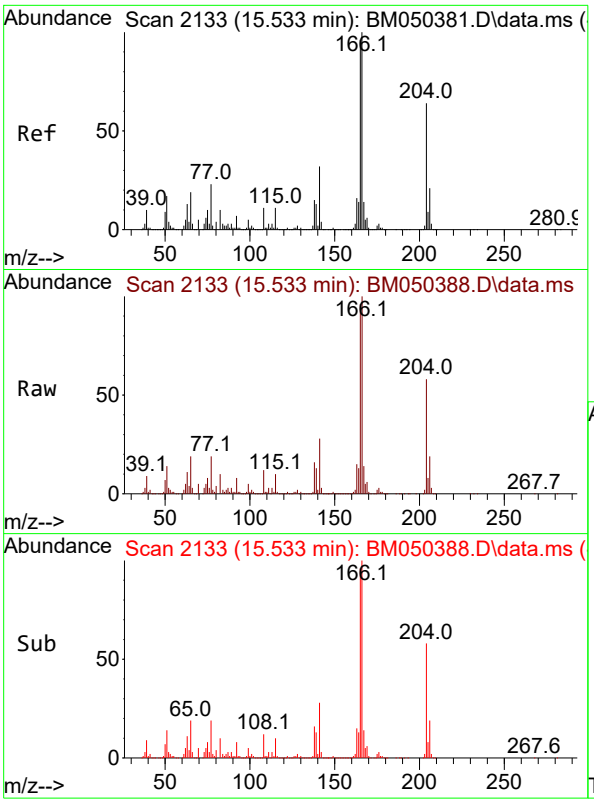


#60
Diethylphthalate
Concen: 39.637 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:149 Resp: 2810029

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.8	28.2
150	12.4	9.8	14.8



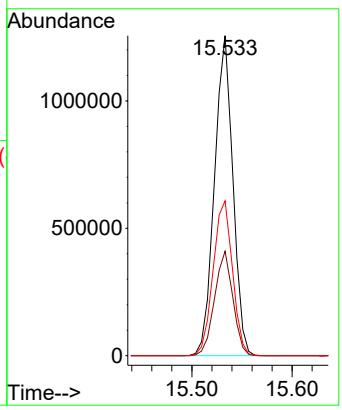


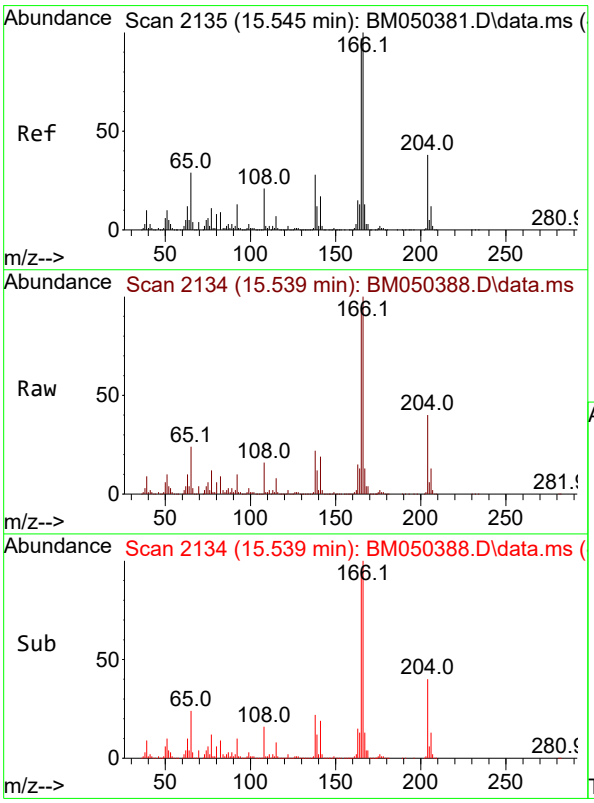
#61
4-Chlorophenyl-phenylether
Concen: 39.354 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1600094

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	48.4	39.9	59.9

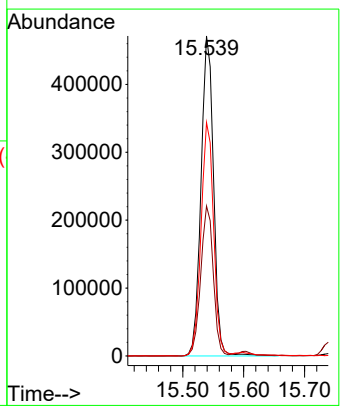


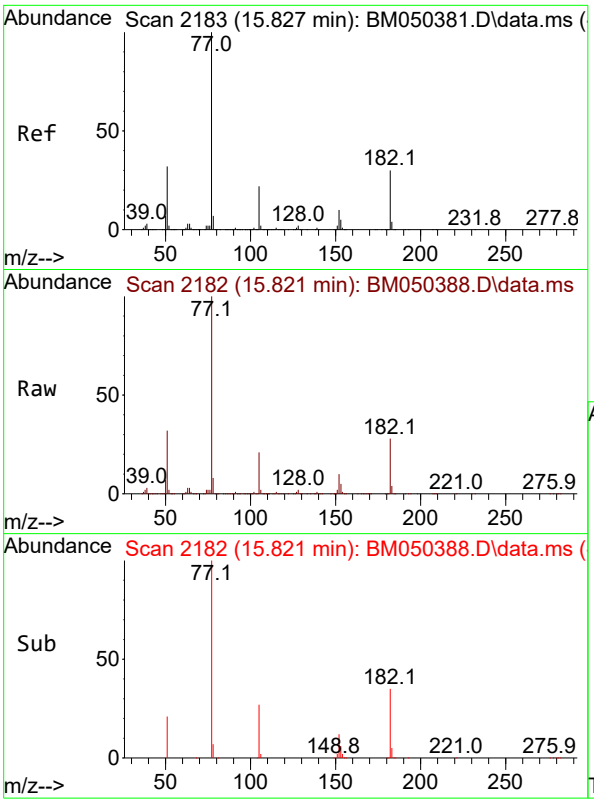


#62
4-Nitroaniline
Concen: 39.162 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:138 Resp: 673524

Ion	Ratio	Lower	Upper
138	100		
92	46.8	24.5	64.5
108	73.0	52.5	92.5



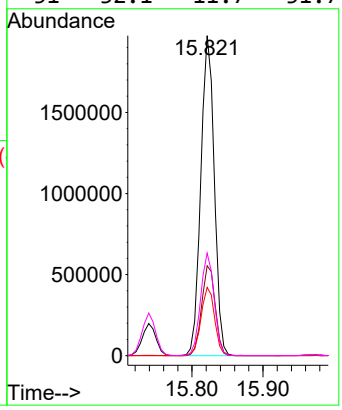


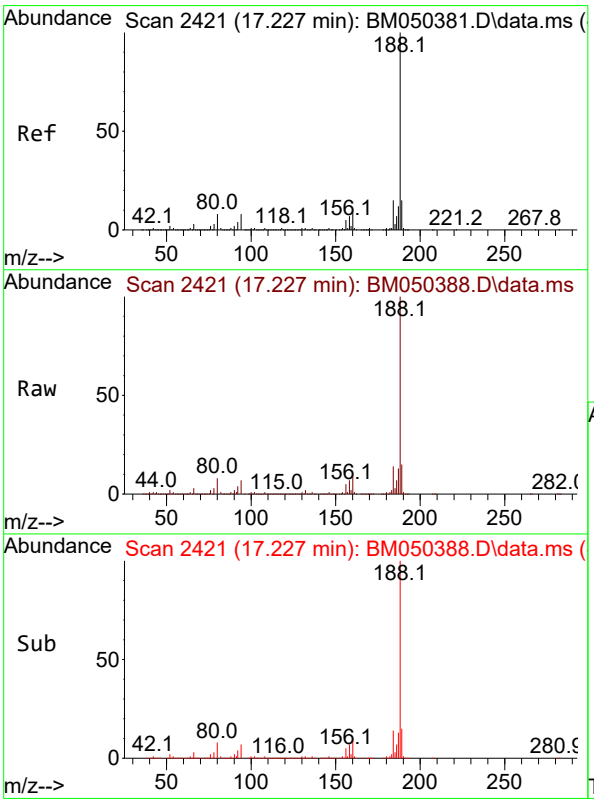
#63
Azobenzene
Concen: 40.064 ng
RT: 15.821 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2608064

Ion	Ratio	Lower	Upper
77	100		
182	28.1	10.0	50.0
105	21.4	2.0	42.0
51	32.1	11.7	51.7

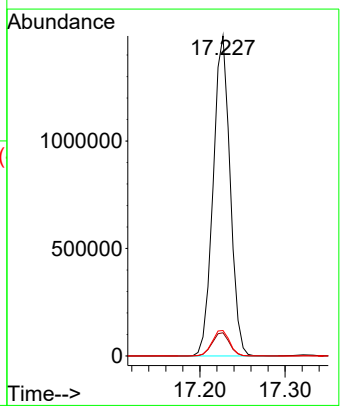


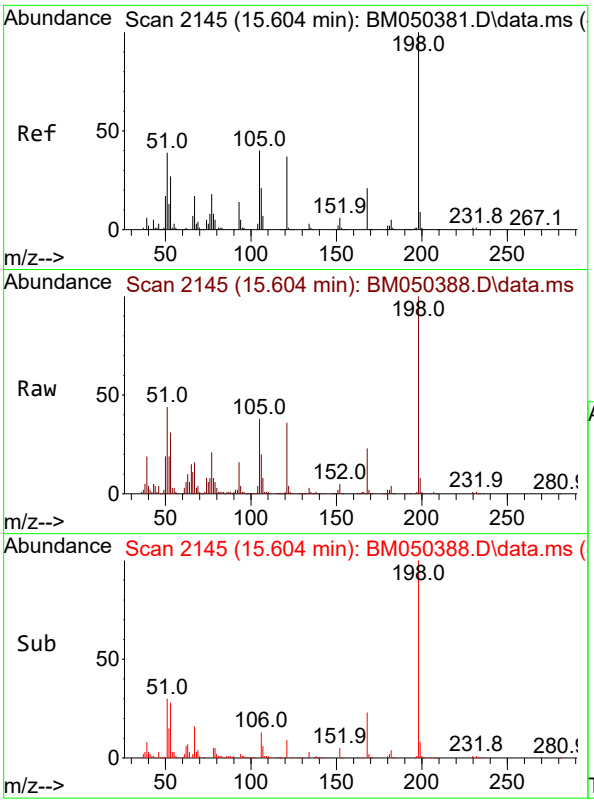


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:188 Resp: 2057474

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	8.0	6.5	9.7



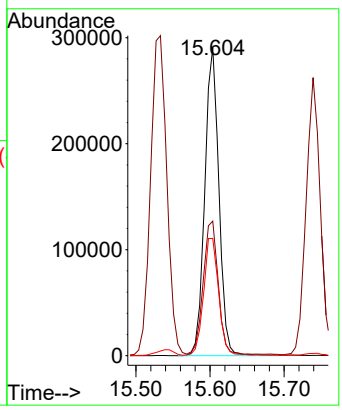


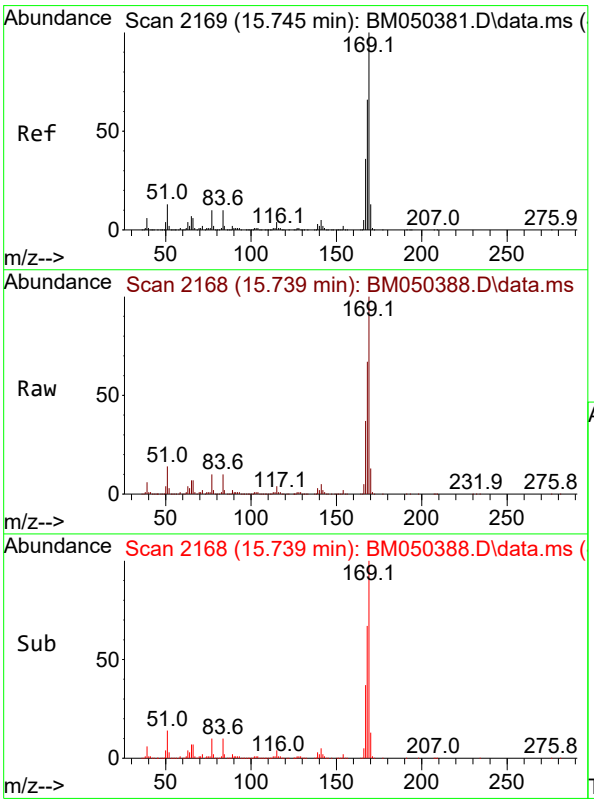
#65
4,6-Dinitro-2-methylphenol
Concen: 36.542 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 385118

Ion	Ratio	Lower	Upper
198	100		
51	43.7	26.6	66.6
105	38.1	20.9	60.9

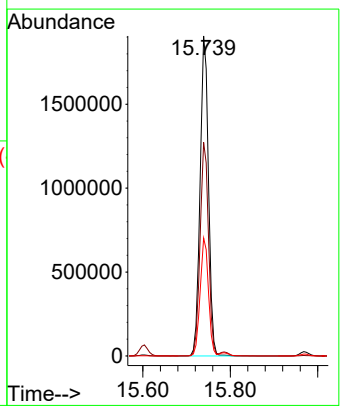


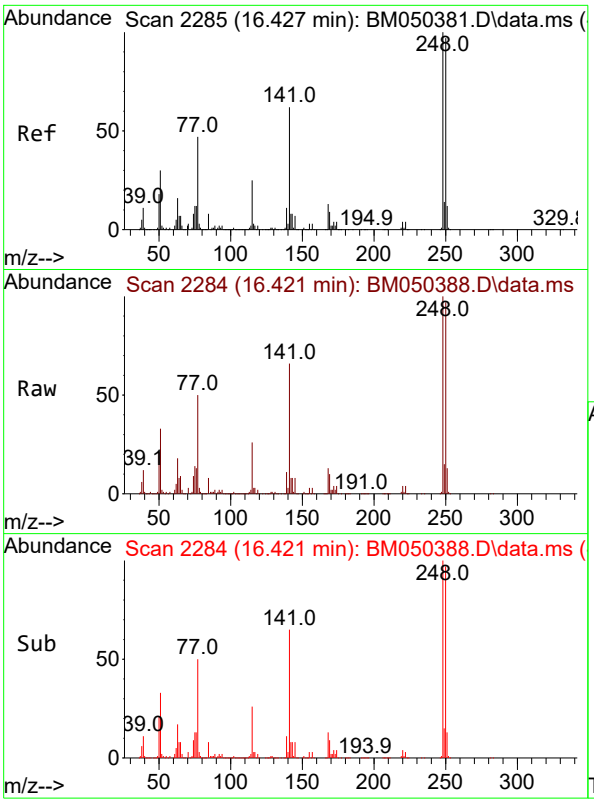


#66
n-Nitrosodiphenylamine
Concen: 39.468 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:169 Resp: 2541040

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.2	79.8
167	36.9	28.7	43.1



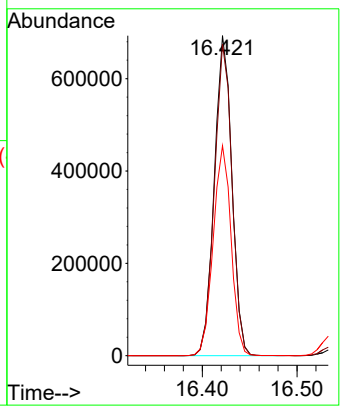


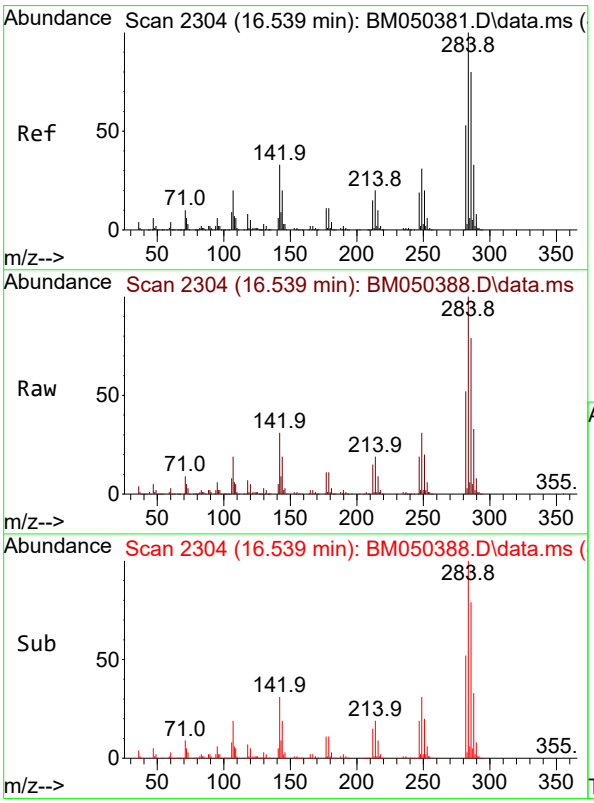
#67
4-Bromophenyl-phenylether
Concen: 39.453 ng
RT: 16.421 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 894343

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	65.6	49.7	74.5

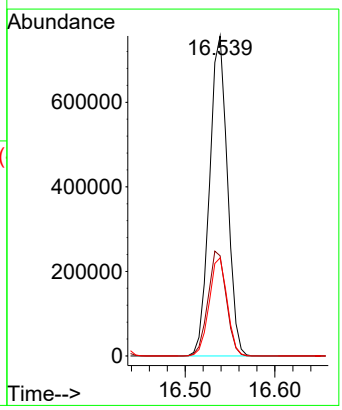


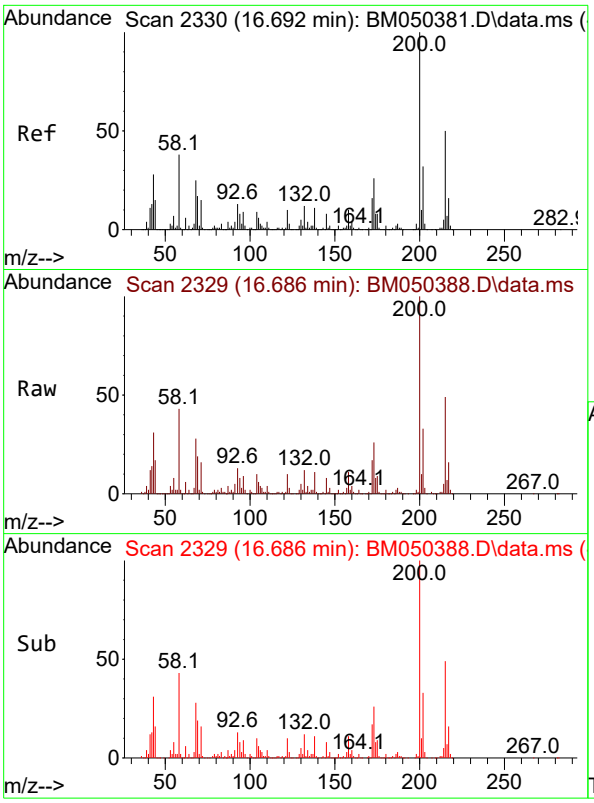


#68
Hexachlorobenzene
Concen: 39.106 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:284 Resp: 1046999

Ion	Ratio	Lower	Upper
284	100		
142	31.3	26.8	40.2
249	30.6	24.5	36.7



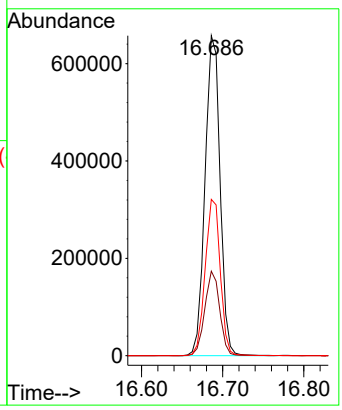


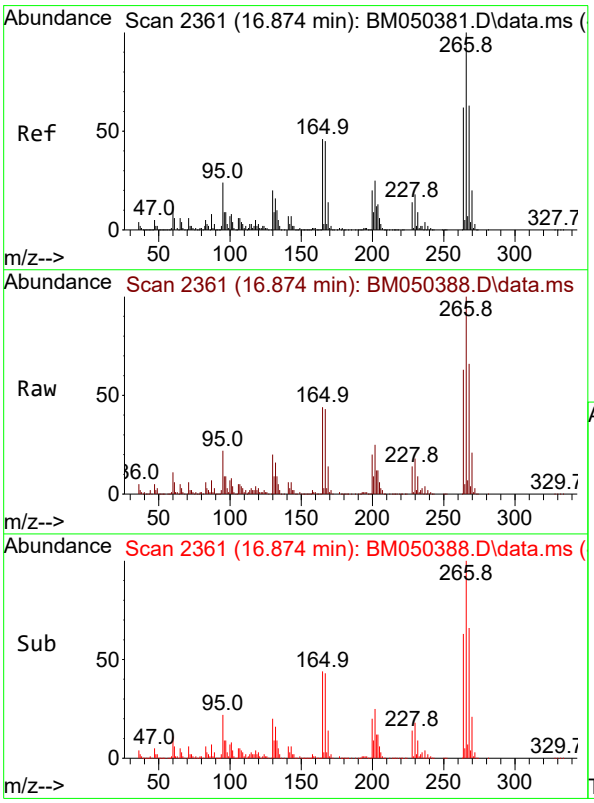
#69
Atrazine
Concen: 39.848 ng
RT: 16.686 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 842425

Ion	Ratio	Lower	Upper
200	100		
173	26.4	5.6	45.6
215	48.9	29.6	69.6

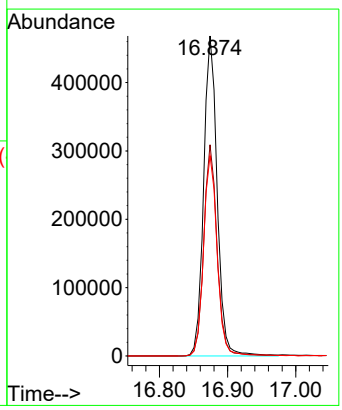


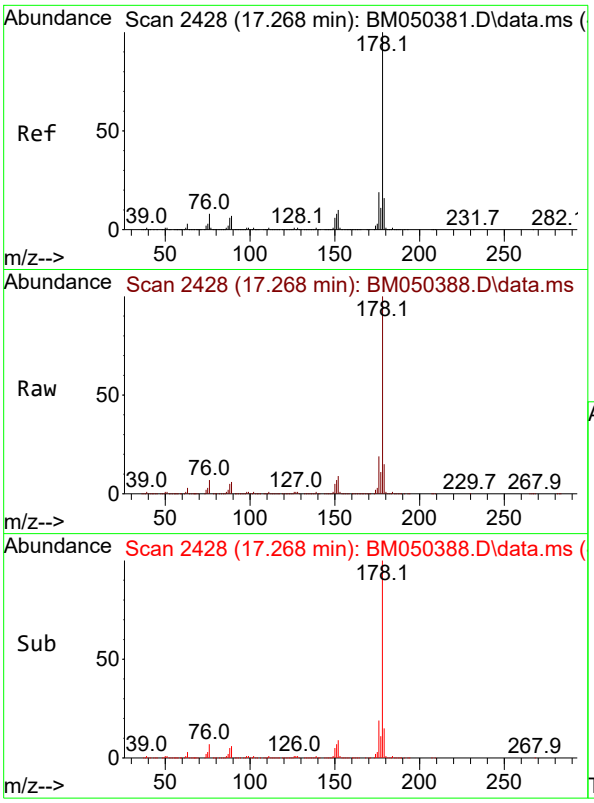


#70
Pentachlorophenol
Concen: 38.793 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:266 Resp: 646550

Ion	Ratio	Lower	Upper
266	100		
268	66.0	50.5	75.7
264	62.6	49.9	74.9



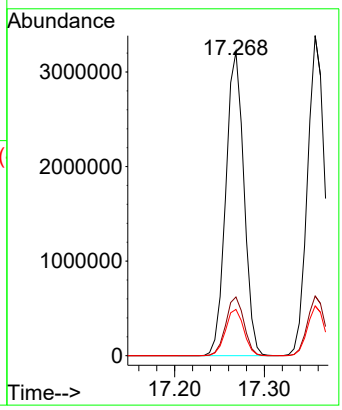


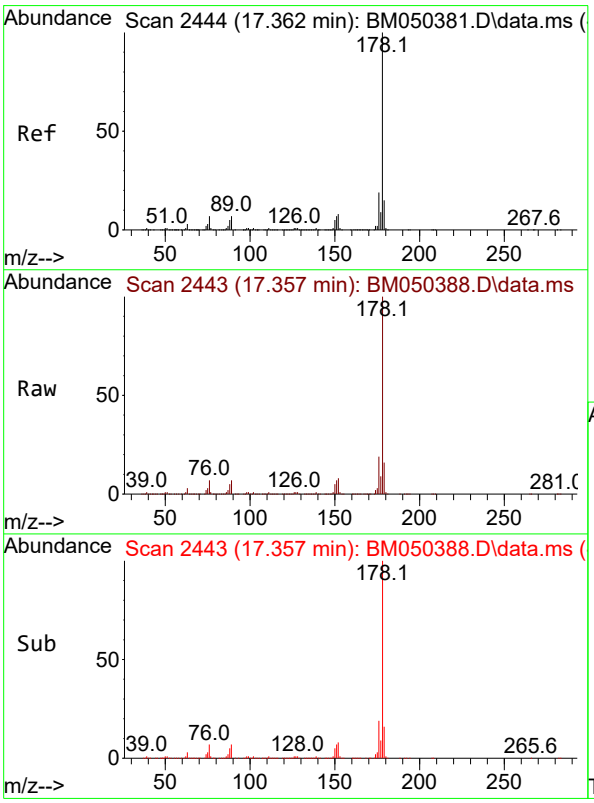
#71
Phenanthrene
Concen: 38.724 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 4508419

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.2	12.5	18.7

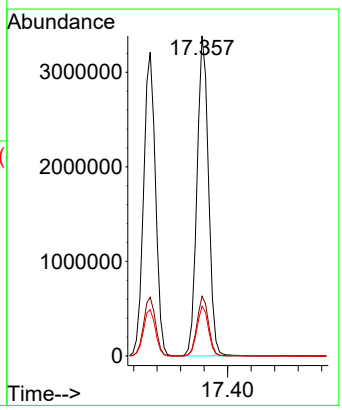


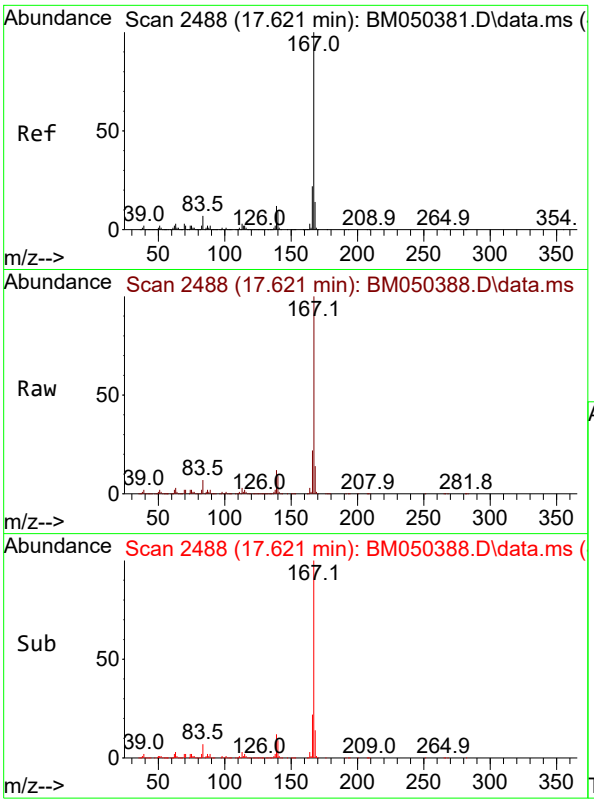


#72
Anthracene
Concen: 39.496 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:178 Resp: 4577103

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.2	18.4



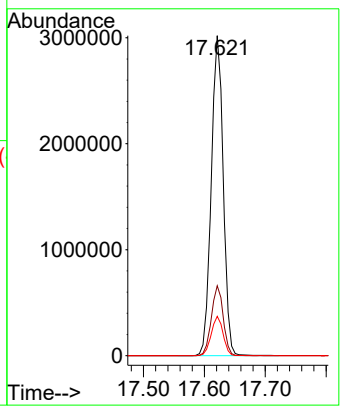


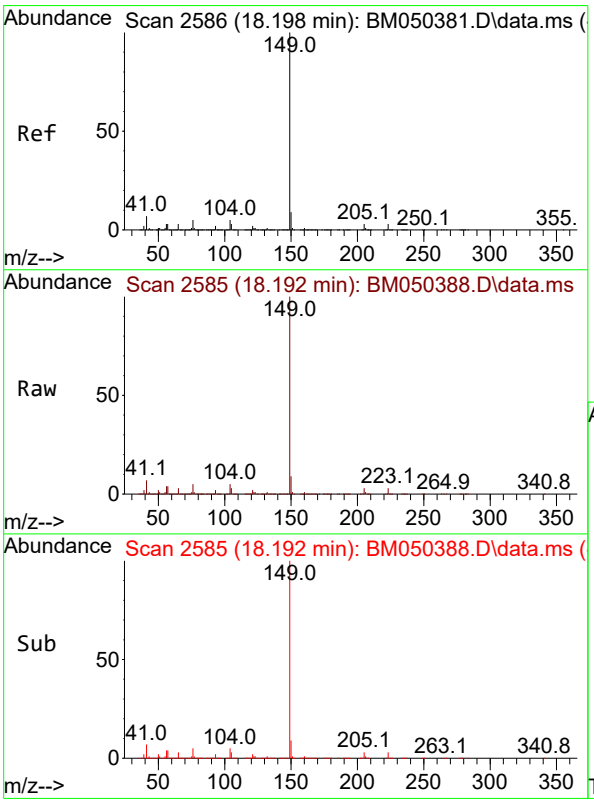
#73
Carbazole
Concen: 39.352 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 4126339

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.3	9.9	14.9

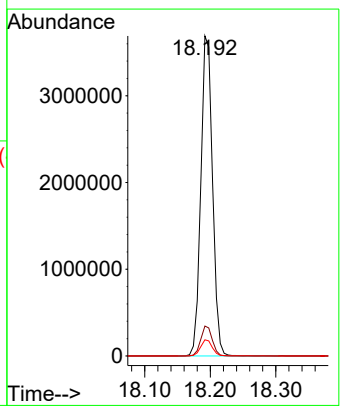


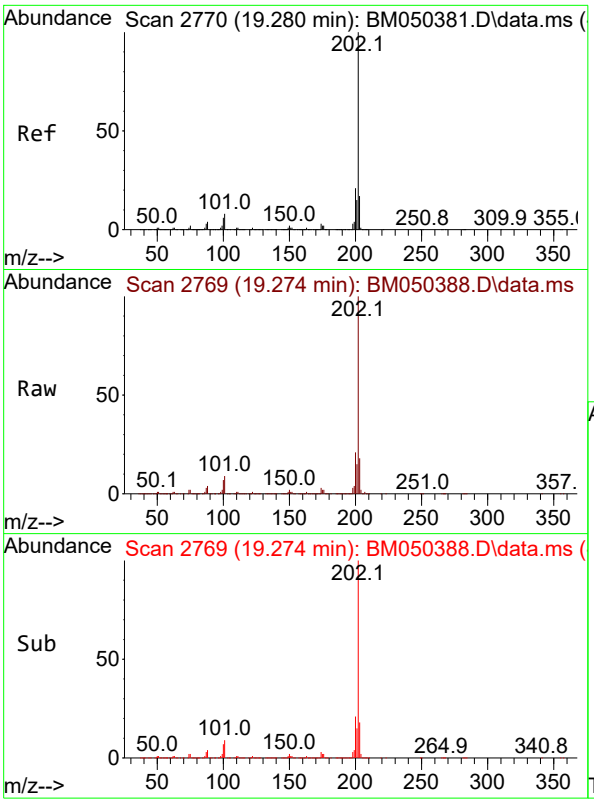


#74
Di-n-butylphthalate
Concen: 39.969 ng
RT: 18.192 min Scan# 2585
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:149 Resp: 4587331

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.0	3.9	5.9



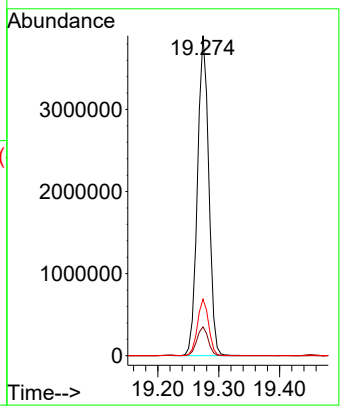


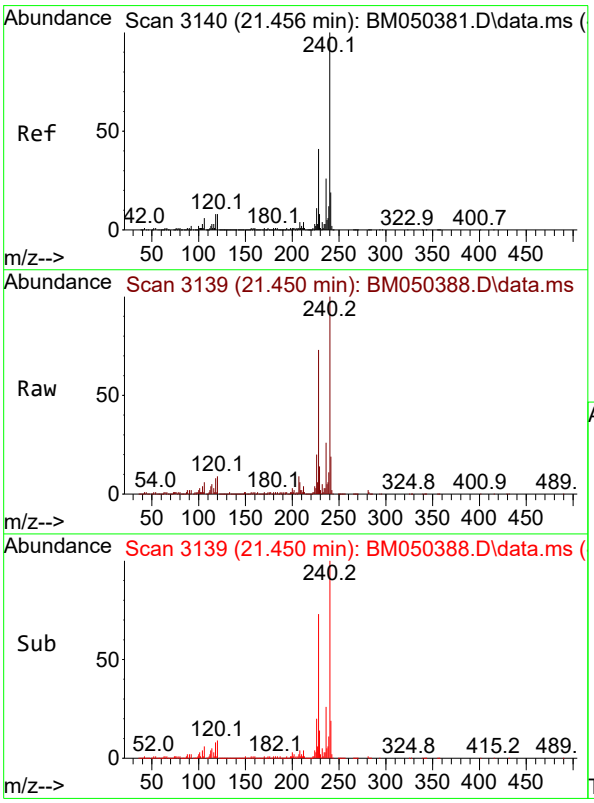
#75
Fluoranthene
Concen: 39.575 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 5008839

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.3
203	17.7	0.0	37.2

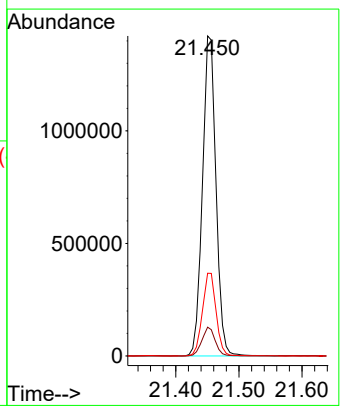


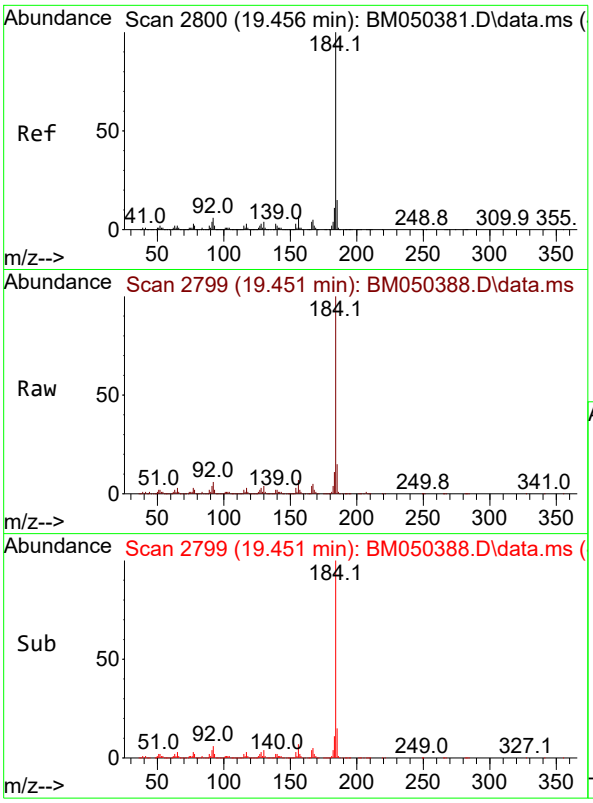


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:240 Resp: 2112610

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.7	10.1
236	25.8	20.7	31.1



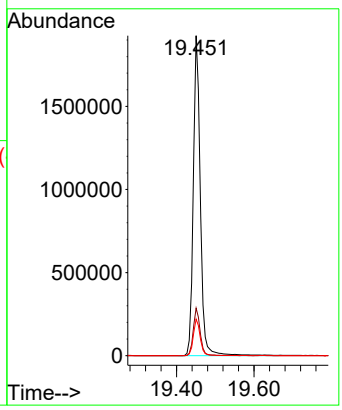


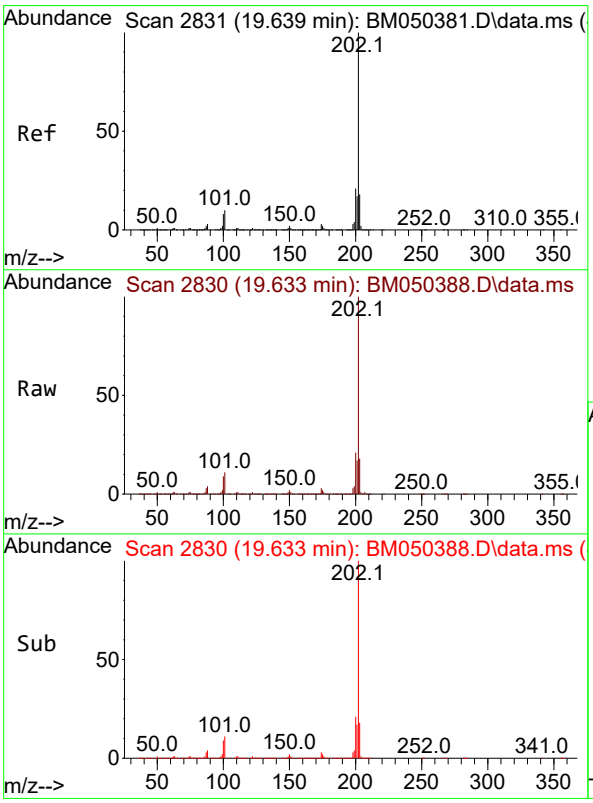
#77
Benzidine
Concen: 45.105 ng
RT: 19.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 2430477

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.7	17.5
183	11.5	9.0	13.6

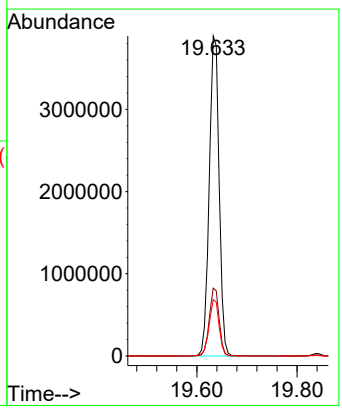


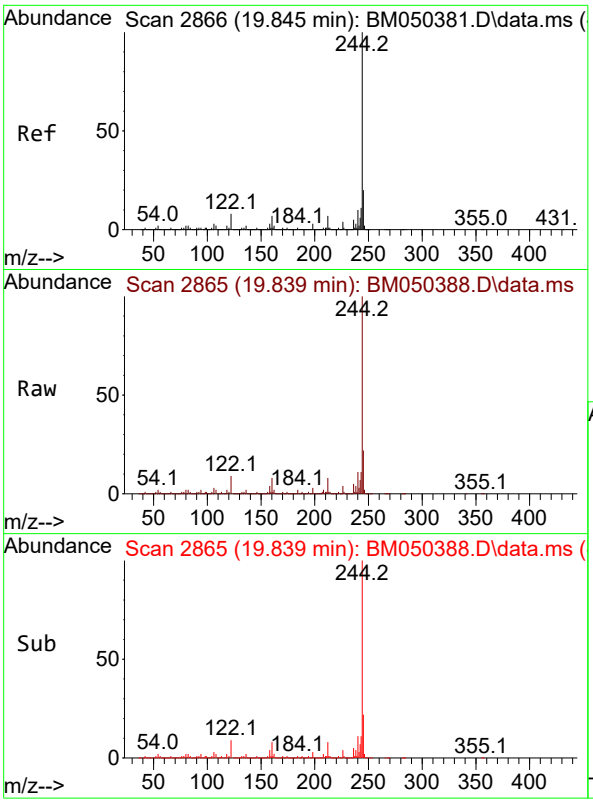


#78
Pyrene
Concen: 39.401 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:202 Resp: 5331086

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.6	14.1	21.1



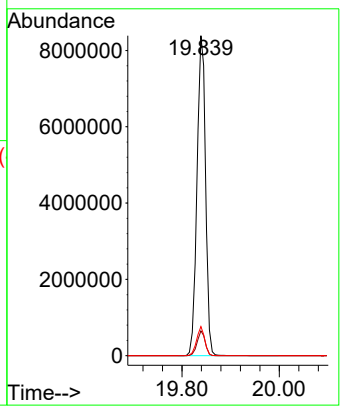


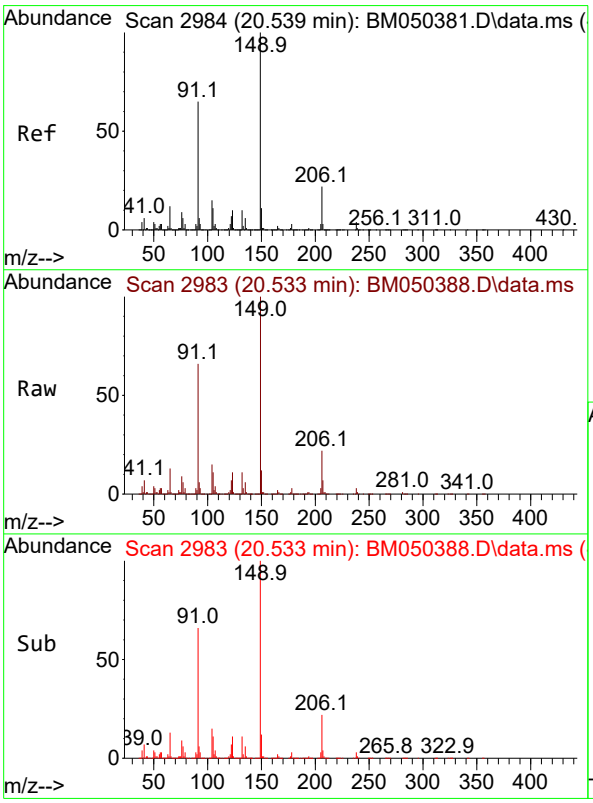
#79
Terphenyl-d14
Concen: 85.871 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp:10310723

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	9.1	6.2	9.2

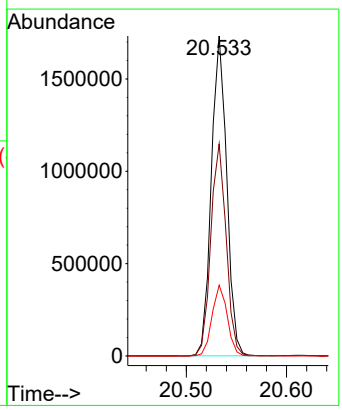


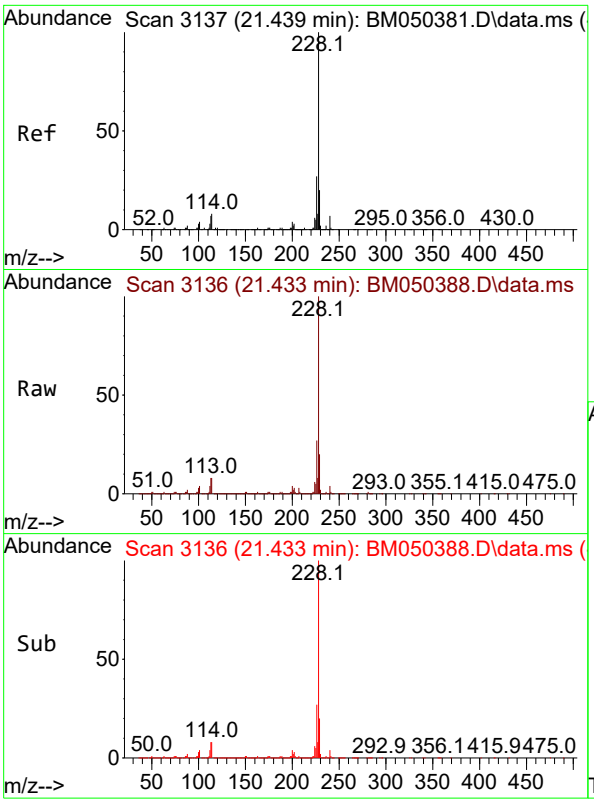


#80
Butylbenzylphthalate
Concen: 41.359 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:149 Resp: 1845186

Ion	Ratio	Lower	Upper
149	100		
91	66.3	51.6	77.4
206	22.1	17.8	26.8



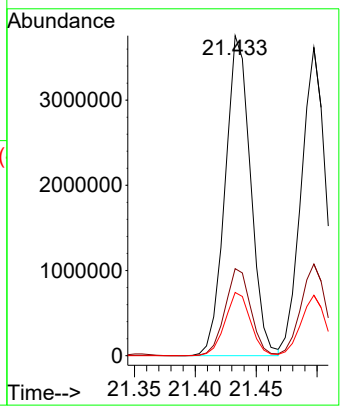


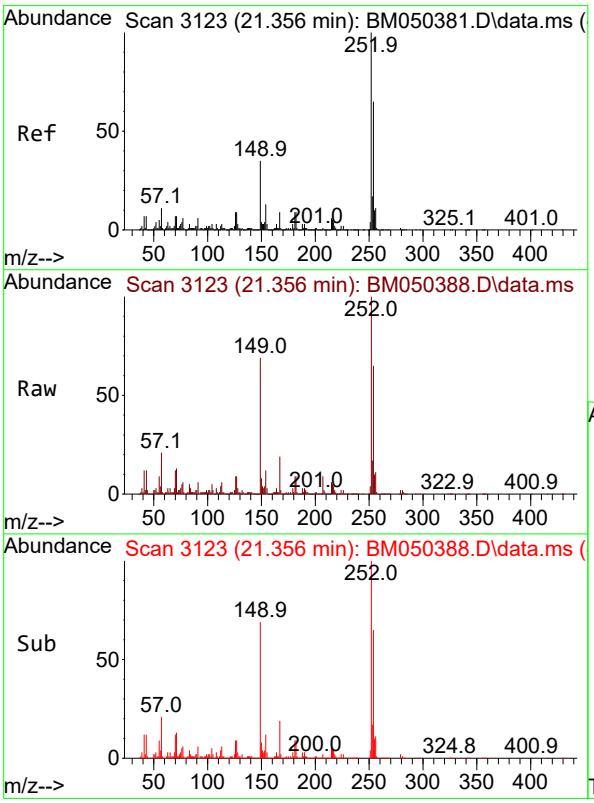
#81
Benzo(a)anthracene
Concen: 39.664 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5459861

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.8	16.0	24.0

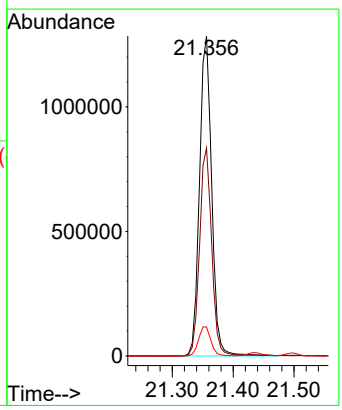


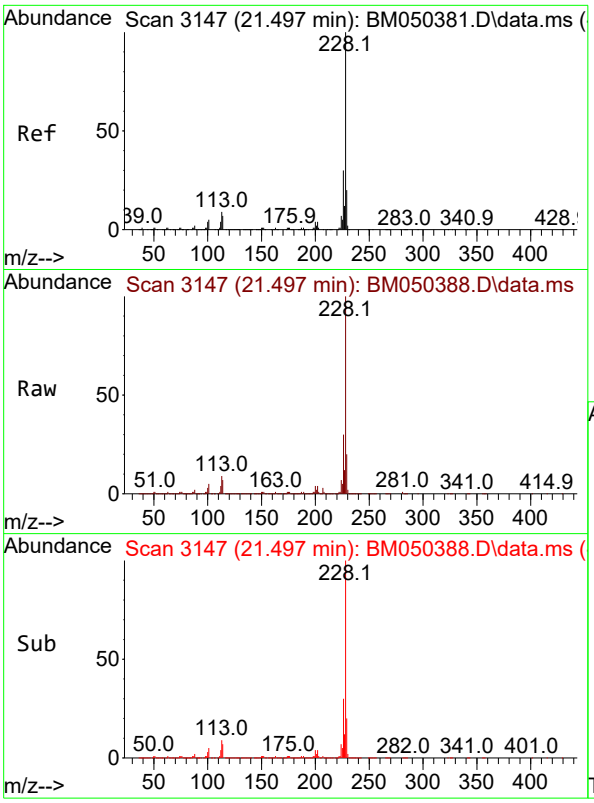


#82
3,3'-Dichlorobenzidine
Concen: 38.415 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:252 Resp: 1783244

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.7	77.5
126	9.0	7.3	10.9



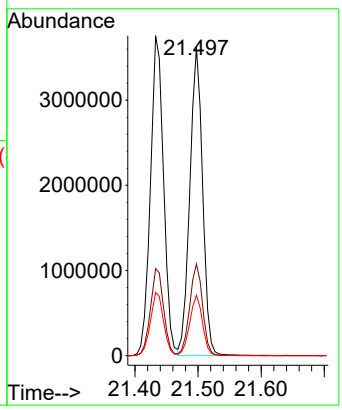


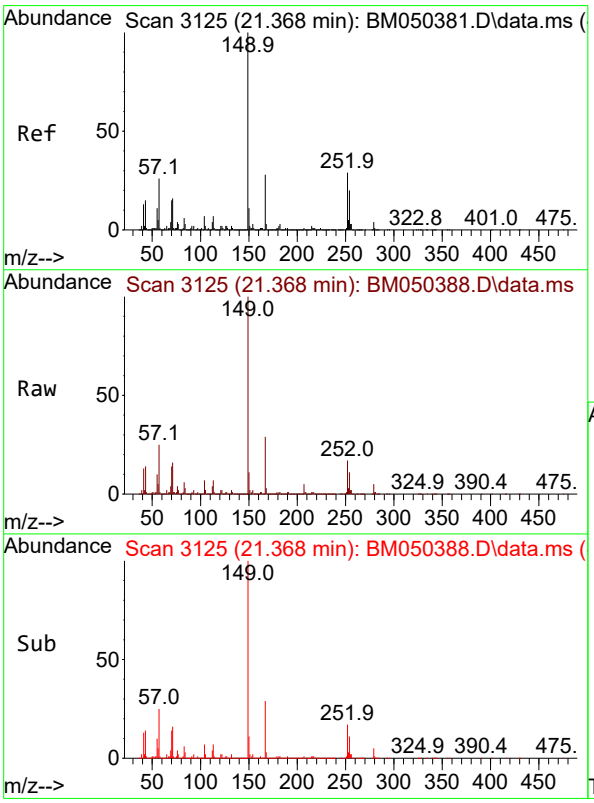
#83
Chrysene
Concen: 39.245 ng
RT: 21.497 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5095338

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	19.6	15.8	23.6

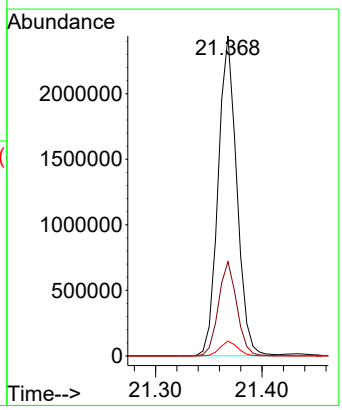


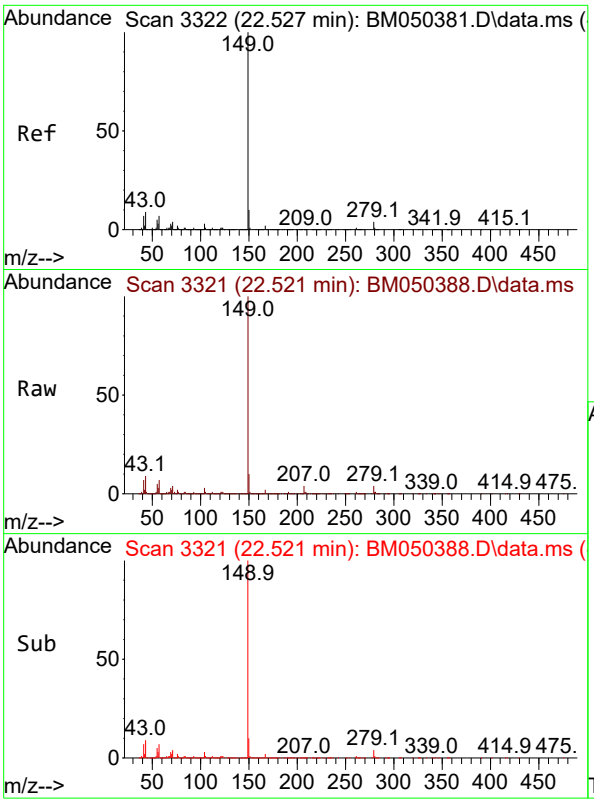


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.765 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:149 Resp: 2957902

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.7	34.1
279	4.6	3.5	5.3



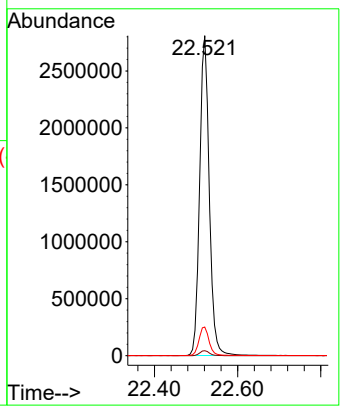


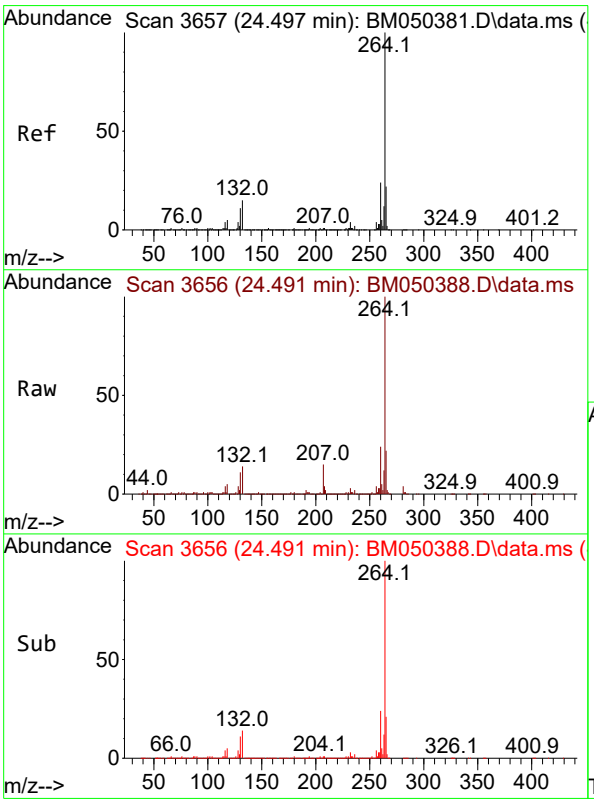
#85
Di-n-octyl phthalate
Concen: 40.722 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 4516993

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.7	11.5

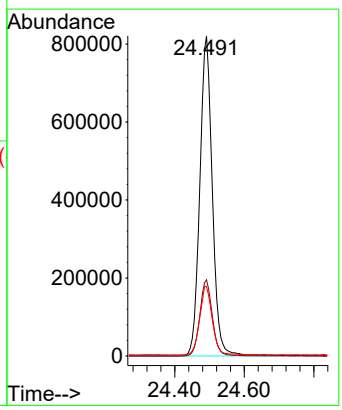


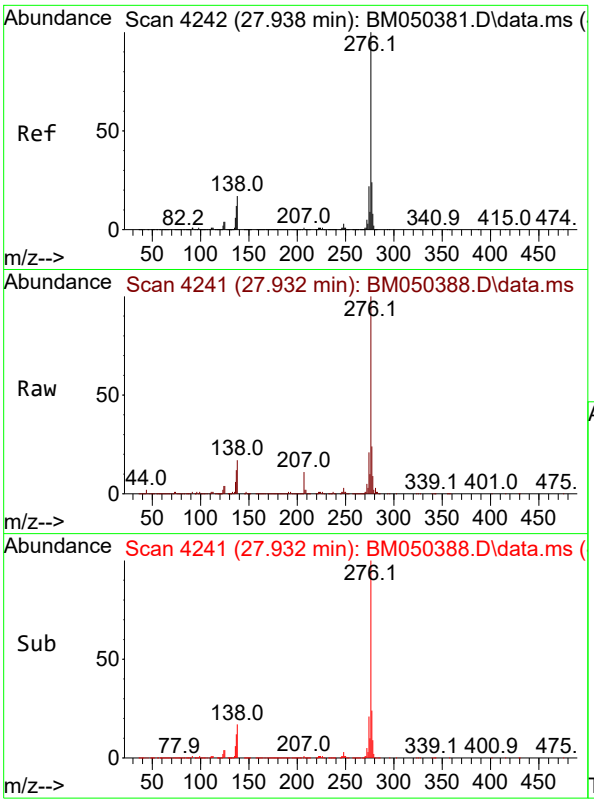


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:264 Resp: 2045327

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.8	26.6



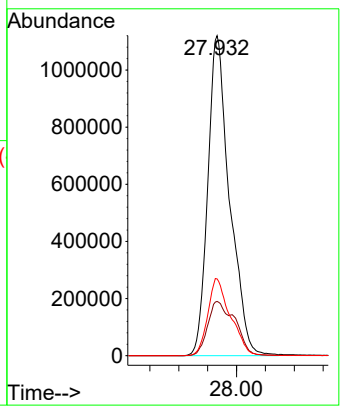


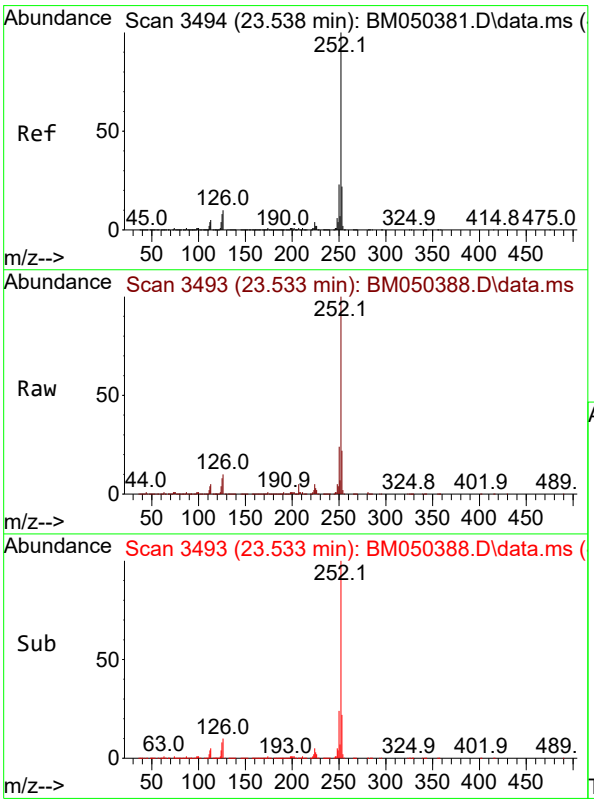
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.395 ng
RT: 27.932 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 5874332

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.6
277	25.1	20.0	30.0

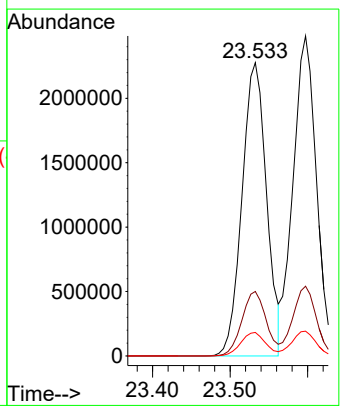


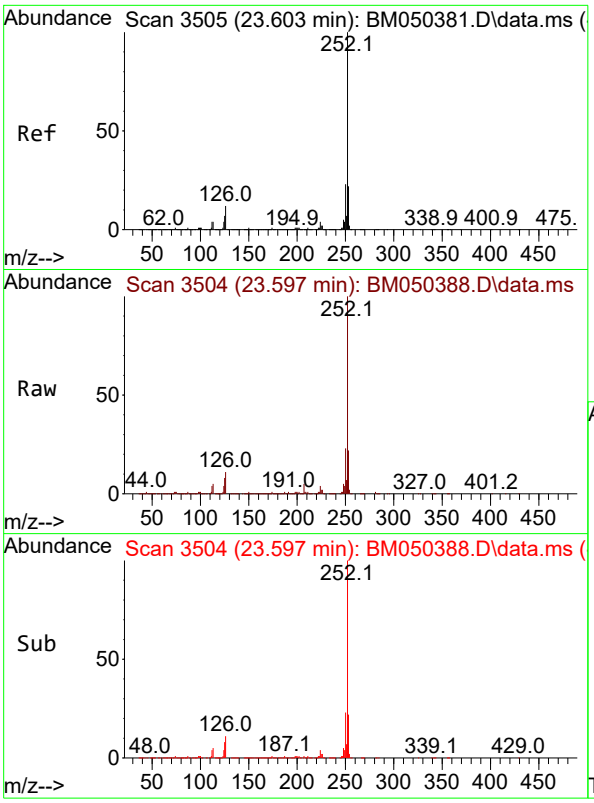


#88
Benzo(b)fluoranthene
Concen: 39.784 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:252 Resp: 5005196

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.0	6.3	9.5



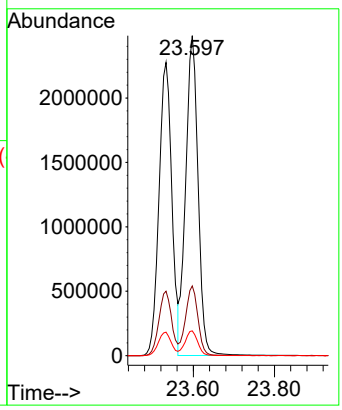


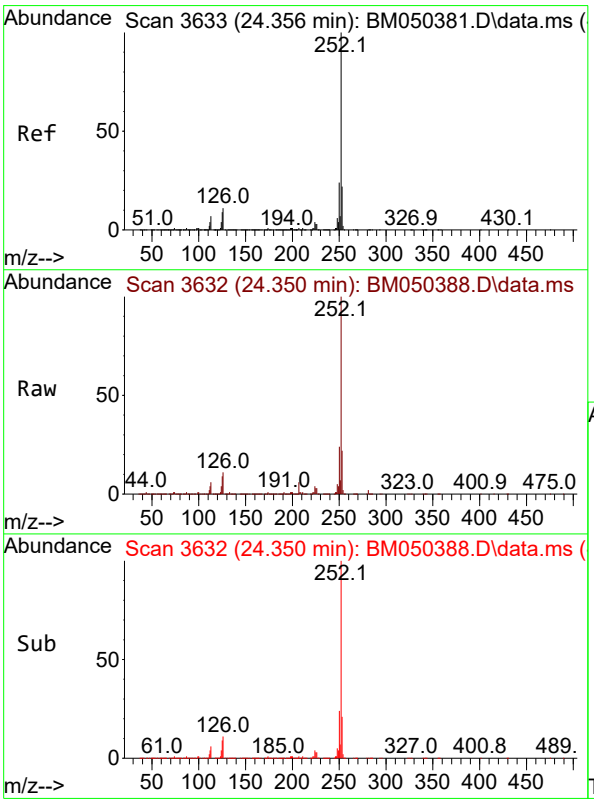
#89
Benzo(k)fluoranthene
Concen: 40.242 ng
RT: 23.597 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 5253318

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	7.8	6.2	9.2

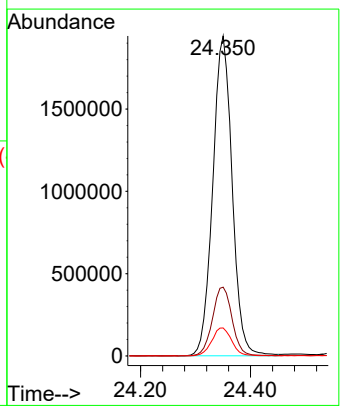


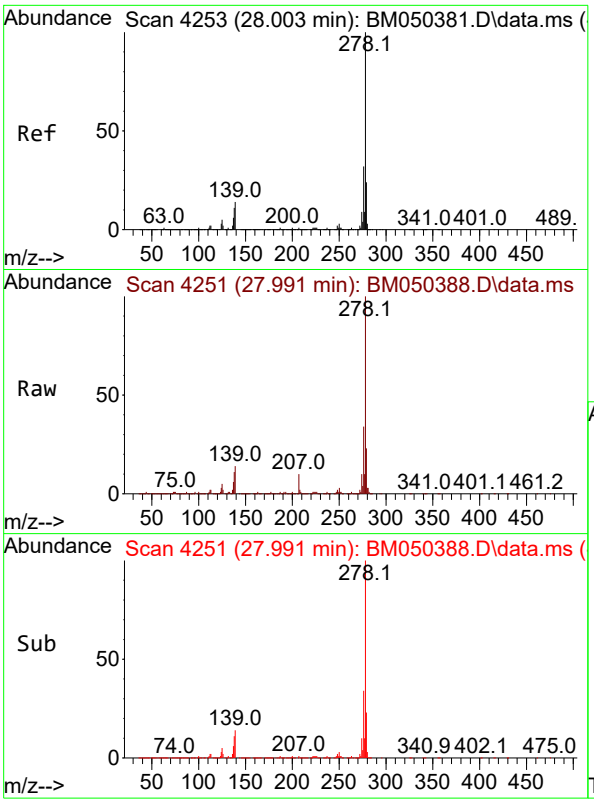


#90
Benzo(a)pyrene
Concen: 40.476 ng
RT: 24.350 min Scan# 3632
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:252 Resp: 4766800

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	8.7	7.0	10.4



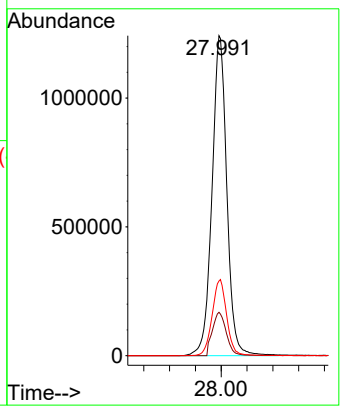


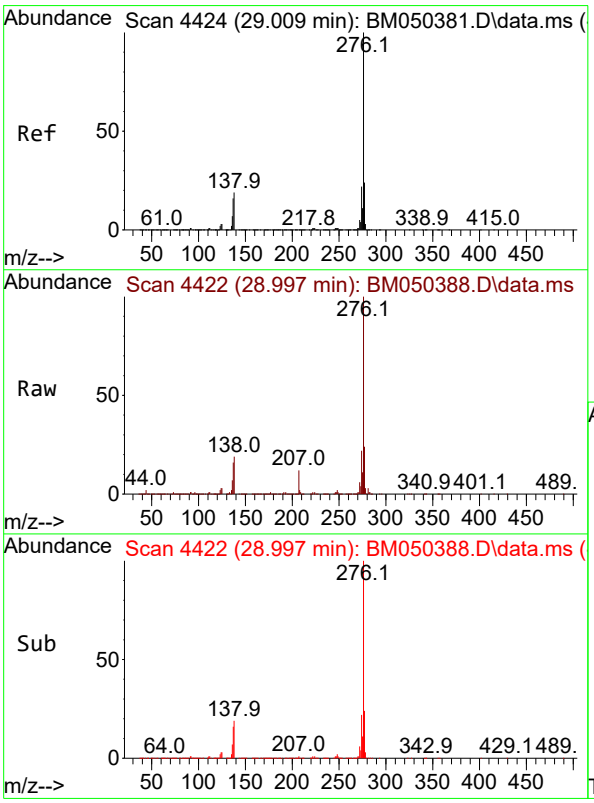
#91
Dibenzo(a,h)anthracene
Concen: 40.393 ng
RT: 27.991 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 4946864

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.8	16.2
279	23.4	19.4	29.0

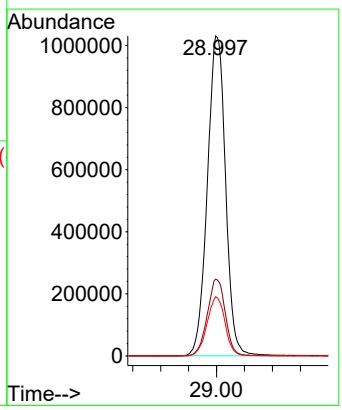




#92
Benzo(g,h,i)perylene
Concen: 40.284 ng
RT: 28.997 min Scan# 4422
Delta R.T. -0.012 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:276 Resp: 4662826

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	18.5	14.9	22.3



Sample Results: **BM050388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00
2		1,4-Dioxane	0.478	0.451	5.6	112	0.00
3		Pyridine	1.254	1.195	4.7	111	0.00
4		n-Nitrosodimethylamine	0.585	0.570	2.6	114	0.00
5	S	2-Fluorophenol	1.162	1.137	2.2	113	0.00
6		Aniline	1.880	1.861	1.0	113	0.00
7	S	Phenol-d6	1.465	1.465	0.0	114	0.00
8		2-Chlorophenol	1.225	1.199	2.1	113	0.00
9		Benzaldehyde	0.871	0.886	-1.7	113	0.00
10	C	Phenol	1.528	1.499	1.9	114	0.00
11		bis(2-Chloroethyl)ether	1.223	1.182	3.4	113	0.00
12		1,3-Dichlorobenzene	1.490	1.432	3.9	113	0.00
13	C	1,4-Dichlorobenzene	1.521	1.461	3.9	114	0.00
14		1,2-Dichlorobenzene	1.456	1.404	3.6	114	0.00
15		Benzyl Alcohol	1.032	0.999	3.2	112	0.00
16		2,2'-oxybis(1-Chloropropane	1.802	1.740	3.4	114	0.00
17		2-Methylphenol	0.991	0.969	2.2	112	0.00
18		Hexachloroethane	0.535	0.517	3.4	114	0.00
19	P	n-Nitroso-di-n-propylamine	0.887	0.900	-1.5	113	0.00
20		3+4-Methylphenols	1.330	1.291	2.9	112	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	113	0.00
22		Acetophenone	0.500	0.491	1.8	113	0.00
23	S	Nitrobenzene-d5	0.392	0.394	-0.5	113	0.00
24		Nitrobenzene	0.350	0.343	2.0	112	0.00
25		Isophorone	0.636	0.632	0.6	111	0.00
26	C	2-Nitrophenol	0.143	0.148	-3.5	114	0.00
27		2,4-Dimethylphenol	0.303	0.297	2.0	112	0.00
28		bis(2-Chloroethoxy)methane	0.422	0.412	2.4	111	0.00
29	C	2,4-Dichlorophenol	0.312	0.314	-0.6	113	0.00
30		1,2,4-Trichlorobenzene	0.373	0.362	2.9	113	0.00
31		Naphthalene	1.016	0.983	3.2	112	0.00
32		Benzoic acid	0.165	0.162	1.8	111	0.00
33		4-Chloroaniline	0.429	0.429	0.0	113	0.00
34	C	Hexachlorobutadiene	0.228	0.218	4.4	111	0.00
35		Caprolactam	0.085	0.085	0.0	110	0.00
36	C	4-Chloro-3-methylphenol	0.291	0.293	-0.7	112	0.00
37		2-Methylnaphthalene	0.641	0.636	0.8	113	0.00
38		1-Methylnaphthalene	0.679	0.672	1.0	113	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	111	0.00
40		1,2,4,5-Tetrachlorobenzene	0.636	0.622	2.2	112	0.00
41	P	Hexachlorocyclopentadiene	0.407	0.380	6.6	107	0.00
42	S	2,4,6-Tribromophenol	0.243	0.249	-2.5	112	0.00
43	C	2,4,6-Trichlorophenol	0.391	0.393	-0.5	111	0.00
44		2,4,5-Trichlorophenol	0.428	0.426	0.5	110	0.00
45	S	2-Fluorobiphenyl	1.620	1.599	1.3	112	0.00
46		1,1'-Biphenyl	1.484	1.456	1.9	113	0.00
47		2-Chloronaphthalene	1.183	1.166	1.4	113	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.264	0.275	-4.2	110	0.00
49		Acenaphthylene	1.788	1.781	0.4	112	0.00
50		Dimethylphthalate	1.377	1.353	1.7	112	0.00
51		2,6-Dinitrotoluene	0.264	0.276	-4.5	113	0.00
52	C	Acenaphthene	1.137	1.124	1.1	113	0.00
53		3-Nitroaniline	0.281	0.295	-5.0	112	0.00
54	P	2,4-Dinitrophenol	0.121	0.118	2.5	113	0.00
55		Dibenzofuran	1.751	1.711	2.3	112	0.00
56	P	4-Nitrophenol	0.242	0.244	-0.8	111	0.00
57		2,4-Dinitrotoluene	0.350	0.373	-6.6	112	0.00
58		Fluorene	1.443	1.428	1.0	112	0.00
59		2,3,4,6-Tetrachlorophenol	0.360	0.358	0.6	109	0.00
60		Diethylphthalate	1.315	1.303	0.9	111	0.00
61		4-Chlorophenyl-phenylether	0.754	0.742	1.6	111	0.00
62		4-Nitroaniline	0.288	0.312	-8.3	112	0.00
63		Azobenzene	1.208	1.210	-0.2	112	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	112	0.00
65		4,6-Dinitro-2-methylphenol	0.095	0.094	1.1	112	0.00
66	c	n-Nitrosodiphenylamine	0.626	0.618	1.3	111	0.00
67		4-Bromophenyl-phenylether	0.220	0.217	1.4	112	0.00
68		Hexachlorobenzene	0.260	0.254	2.3	111	0.00
69		Atrazine	0.206	0.205	0.5	109	0.00
70	C	Pentachlorophenol	0.162	0.157	3.1	110	0.00
71		Phenanthrene	1.132	1.096	3.2	112	0.00
72		Anthracene	1.127	1.112	1.3	112	0.00
73		Carbazole	1.019	1.003	1.6	111	0.00
74		Di-n-butylphthalate	1.116	1.115	0.1	110	0.00
75	C	Fluoranthene	1.230	1.217	1.1	111	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	111	0.00
77		Benzidine	0.510	0.575	-12.7	115	0.00
78		Pyrene	1.281	1.262	1.5	111	0.00
79	S	Terphenyl-d14	1.137	1.220	-7.3	108	0.00
80		Butylbenzylphthalate	0.422	0.437	-3.6	110	0.00
81		Benzo(a)anthracene	1.303	1.292	0.8	112	0.00
82		3,3'-Dichlorobenzidine	0.439	0.422	3.9	109	0.00
83		Chrysene	1.229	1.206	1.9	111	0.00
84		Bis(2-ethylhexyl)phthalate	0.670	0.700	-4.5	110	0.00
85	c	Di-n-octyl phthalate	1.050	1.069	-1.8	112	0.00
86	I	Perylene-d12	1.000	1.000	0.0	111	0.00
87		Indeno(1,2,3-cd)pyrene	1.422	1.436	-1.0	113	0.00
88		Benzo(b)fluoranthene	1.230	1.224	0.5	110	0.00
89		Benzo(k)fluoranthene	1.276	1.284	-0.6	113	0.00
90	C	Benzo(a)pyrene	1.152	1.165	-1.1	112	0.00
91		Dibenzo(a,h)anthracene	1.198	1.209	-0.9	113	-0.01
92		Benzo(g,h,i)perylene	1.132	1.140	-0.7	113	-0.01

Sample Results: **BM050388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BM050388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	115	0.00
2		1,4-Dioxane	40.000	37.789	5.5	112	0.00
3		Pyridine	40.000	38.105	4.7	111	0.00
4		n-Nitrosodimethylamine	40.000	38.975	2.6	114	0.00
5	S	2-Fluorophenol	80.000	78.297	2.1	113	0.00
6		Aniline	40.000	39.604	1.0	113	0.00
7	S	Phenol-d6	80.000	79.995	0.0	114	0.00
8		2-Chlorophenol	40.000	39.160	2.1	113	0.00
9		Benzaldehyde	40.000	40.670	-1.7	113	0.00
10	C	Phenol	40.000	39.244	1.9	114	0.00
11		bis(2-Chloroethyl)ether	40.000	38.647	3.4	113	0.00
12		1,3-Dichlorobenzene	40.000	38.448	3.9	113	0.00
13	C	1,4-Dichlorobenzene	40.000	38.410	4.0	114	0.00
14		1,2-Dichlorobenzene	40.000	38.554	3.6	114	0.00
15		Benzyl Alcohol	40.000	38.705	3.2	112	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.628	3.4	114	0.00
17		2-Methylphenol	40.000	39.119	2.2	112	0.00
18		Hexachloroethane	40.000	38.629	3.4	114	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.582	-1.5	113	0.00
20		3+4-Methylphenols	40.000	38.828	2.9	112	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	113	0.00
22		Acetophenone	40.000	39.254	1.9	113	0.00
23	S	Nitrobenzene-d5	80.000	80.309	-0.4	113	0.00
24		Nitrobenzene	40.000	39.209	2.0	112	0.00
25		Isophorone	40.000	39.731	0.7	111	0.00
26	C	2-Nitrophenol	40.000	41.573	-3.9	114	0.00
27		2,4-Dimethylphenol	40.000	39.120	2.2	112	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.134	2.2	111	0.00
29	C	2,4-Dichlorophenol	40.000	40.255	-0.6	113	0.00
30		1,2,4-Trichlorobenzene	40.000	38.868	2.8	113	0.00
31		Naphthalene	40.000	38.687	3.3	112	0.00
32		Benzoic acid	40.000	36.416	9.0	111	0.00
33		4-Chloroaniline	40.000	39.935	0.2	113	0.00
34	C	Hexachlorobutadiene	40.000	38.287	4.3	111	0.00
35		Caprolactam	40.000	39.842	0.4	110	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.292	-0.7	112	0.00
37		2-Methylnaphthalene	40.000	39.639	0.9	113	0.00
38		1-Methylnaphthalene	40.000	39.627	0.9	113	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	111	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.148	2.1	112	0.00
41	P	Hexachlorocyclopentadiene	40.000	37.405	6.5	107	0.00
42	S	2,4,6-Tribromophenol	80.000	81.829	-2.3	112	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.113	-0.3	111	0.00
44		2,4,5-Trichlorophenol	40.000	39.828	0.4	110	0.00
45	S	2-Fluorobiphenyl	80.000	78.998	1.3	112	0.00
46		1,1'-Biphenyl	40.000	39.237	1.9	113	0.00
47		2-Chloronaphthalene	40.000	39.409	1.5	113	0.00

Sample Results: **BM050388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.634	-4.1	110	0.00
49		Acenaphthylene	40.000	39.840	0.4	112	0.00
50		Dimethylphthalate	40.000	39.292	1.8	112	0.00
51		2,6-Dinitrotoluene	40.000	41.749	-4.4	113	0.00
52	C	Acenaphthene	40.000	39.538	1.2	113	0.00
53		3-Nitroaniline	40.000	41.996	-5.0	112	0.00
54	P	2,4-Dinitrophenol	40.000	36.238	9.4	113	0.00
55		Dibenzofuran	40.000	39.075	2.3	112	0.00
56	P	4-Nitrophenol	40.000	40.394	-1.0	111	0.00
57		2,4-Dinitrotoluene	40.000	38.303	4.2	112	0.00
58		Fluorene	40.000	39.604	1.0	112	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.791	0.5	109	0.00
60		Diethylphthalate	40.000	39.637	0.9	111	0.00
61		4-Chlorophenyl-phenylether	40.000	39.354	1.6	111	0.00
62		4-Nitroaniline	40.000	39.162	2.1	112	0.00
63		Azobenzene	40.000	40.064	-0.2	112	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	112	0.00
65		4,6-Dinitro-2-methylphenol	40.000	36.542	8.6	112	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.468	1.3	111	0.00
67		4-Bromophenyl-phenylether	40.000	39.453	1.4	112	0.00
68		Hexachlorobenzene	40.000	39.106	2.2	111	0.00
69		Atrazine	40.000	39.848	0.4	109	0.00
70	C	Pentachlorophenol	40.000	38.793	3.0	110	0.00
71		Phenanthrene	40.000	38.724	3.2	112	0.00
72		Anthracene	40.000	39.496	1.3	112	0.00
73		Carbazole	40.000	39.352	1.6	111	0.00
74		Di-n-butylphthalate	40.000	39.969	0.1	110	0.00
75	C	Fluoranthene	40.000	39.575	1.1	111	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	111	0.00
77		Benzidine	40.000	45.105	-12.8	115	0.00
78		Pyrene	40.000	39.401	1.5	111	0.00
79	S	Terphenyl-d14	80.000	85.871	-7.3	108	0.00
80		Butylbenzylphthalate	40.000	41.359	-3.4	110	0.00
81		Benzo(a)anthracene	40.000	39.664	0.8	112	0.00
82		3,3'-Dichlorobenzidine	40.000	38.415	4.0	109	0.00
83		Chrysene	40.000	39.245	1.9	111	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	41.765	-4.4	110	0.00
85	c	Di-n-octyl phthalate	40.000	40.722	-1.8	112	0.00
86	I	Perylene-d12	20.000	20.000	0.0	111	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.395	-1.0	113	0.00
88		Benzo(b)fluoranthene	40.000	39.784	0.5	110	0.00
89		Benzo(k)fluoranthene	40.000	40.242	-0.6	113	0.00
90	C	Benzo(a)pyrene	40.000	40.476	-1.2	112	0.00
91		Dibenzo(a,h)anthracene	40.000	40.393	-1.0	113	-0.01
92		Benzo(g,h,i)perylene	40.000	40.284	-0.7	113	-0.01

Sample Results: **BM050388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BP025098.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: CAMP02

Lab Code: ACE SDG No.: Q2543

Instrument ID: BNA_P Calibration Date/Time: 07/11/2025 10:26

Lab File ID: BP025098.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.129	1.080		-4.3	
Benzaldehyde	0.769	0.703		-8.6	
Phenol-d6	1.473	1.349		-8.4	
Phenol	1.497	1.353		-9.6	20.0
bis(2-Chloroethyl)ether	1.152	1.022		-11.3	
2-Chlorophenol	1.263	1.181		-6.5	
2-Methylphenol	0.964	0.898		-6.8	
2,2-oxybis(1-Chloropropane)	1.498	1.256		-16.2	
Acetophenone	0.473	0.432		-8.7	
3+4-Methylphenols	1.350	1.229		-9.0	
n-Nitroso-di-n-propylamine	0.874	0.775	0.050	-11.3	
Nitrobenzene-d5	0.301	0.294		-2.3	
Hexachloroethane	0.466	0.451		-3.2	
Nitrobenzene	0.306	0.293		-4.2	
Isophorone	0.562	0.511		-9.1	
2-Nitrophenol	0.128	0.157		22.7	20.0
2,4-Dimethylphenol	0.210	0.197		-6.2	
bis(2-Chloroethoxy)methane	0.382	0.348		-8.9	
2,4-Dichlorophenol	0.291	0.284		-2.4	20.0
Naphthalene	1.030	0.954		-7.4	
4-Chloroaniline	0.384	0.358		-6.8	
Hexachlorobutadiene	0.185	0.181		-2.2	20.0
Caprolactam	0.099	0.096		-3.0	
4-Chloro-3-methylphenol	0.304	0.289		-4.9	20.0
2-Methylnaphthalene	0.727	0.670		-7.8	
Hexachlorocyclopentadiene	0.150	0.157	0.050	4.7	
2,4,6-Trichlorophenol	0.348	0.359		3.2	20.0
2-Fluorobiphenyl	1.291	1.209		-6.4	
2,4,5-Trichlorophenol	0.394	0.401		1.8	
1,1-Biphenyl	1.455	1.361		-6.5	
2-Chloronaphthalene	1.094	1.031		-5.8	
2-Nitroaniline	0.237	0.263		11.0	
Dimethylphthalate	1.400	1.311		-6.4	
Acenaphthylene	1.674	1.579		-5.7	
2,6-Dinitrotoluene	0.273	0.282		3.3	
3-Nitroaniline	0.293	0.313		6.8	
Acenaphthene	1.079	0.993		-8.0	20.0
2,4-Dinitrophenol	0.114	0.141	0.050	23.7	
4-Nitrophenol	0.270	0.286	0.050	5.9	

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: CAMP02

Lab Code: ACE SDG No.: Q2543

Instrument ID: BNA_P Calibration Date/Time: 07/11/2025 10:26

Lab File ID: BP025098.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.781	1.624		-8.8	
2,4-Dinitrotoluene	0.356	0.388		9.0	
Diethylphthalate	1.406	1.347		-4.2	
4-Chlorophenyl-phenylether	0.682	0.631		-7.5	
Fluorene	1.377	1.284		-6.8	
4-Nitroaniline	0.307	0.335		9.1	
4,6-Dinitro-2-methylphenol	0.082	0.097		18.3	
n-Nitrosodiphenylamine	0.572	0.541		-5.4	20.0
2,4,6-Tribromophenol	0.236	0.262		11.0	
4-Bromophenyl-phenylether	0.205	0.202		-1.5	
Hexachlorobenzene	0.250	0.241		-3.6	
Atrazine	0.168	0.155		-7.7	
Pentachlorophenol	0.169	0.182		7.7	20.0
Phenanthrene	1.069	0.996		-6.8	
Anthracene	1.025	0.968		-5.6	
Carbazole	1.002	0.969		-3.3	
Di-n-butylphthalate	1.116	1.156		3.6	
Fluoranthene	1.249	1.230		-1.5	20.0
Pyrene	1.239	1.152		-7.0	
Terphenyl-d14	0.910	0.865		-4.9	
Butylbenzylphthalate	0.402	0.500		24.4	
3,3-Dichlorobenzidine	0.365	0.422		15.6	
Benzo(a)anthracene	1.212	1.154		-4.8	
Chrysene	1.166	1.093		-6.3	
Bis(2-ethylhexyl)phthalate	0.650	0.721		10.9	
Di-n-octyl phthalate	1.054	1.248		18.4	20.0
Benzo(b)fluoranthene	1.164	1.102		-5.3	
Benzo(k)fluoranthene	1.158	1.068		-7.8	
Benzo(a)pyrene	0.991	0.972		-1.9	20.0
Indeno(1,2,3-cd)pyrene	1.274	1.302		2.2	
Dibenzo(a,h)anthracene	1.053	1.067		1.3	
Benzo(g,h,i)perylene	1.088	1.097		0.8	
1,2,4,5-Tetrachlorobenzene	0.575	0.556		-3.3	
1,4-Dioxane	0.439	0.390		-11.2	20.0
2,3,4,6-Tetrachlorophenol	0.357	0.371		3.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025098.D
Acq On : 11 Jul 2025 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 11 11:32:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	436580	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1693296	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1072864	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2205219	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2437724	20.000	ng	0.00
86) Perylene-d12	24.465	264	2833277	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1886292	76.555	ng	0.00
7) Phenol-d6	6.625	99	2356356	73.282	ng	0.00
23) Nitrobenzene-d5	8.572	82	1993110	78.280	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1123120	88.615	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	5187210	74.901	ng	0.00
79) Terphenyl-d14	19.672	244	8439020	76.084	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	340403	35.528	ng	100
3) Pyridine	3.490	79	927845	35.371	ng	100
4) n-Nitrosodimethylamine	3.408	42	390683	35.176	ng	94
6) Aniline	6.778	93	1086769	36.174	ng	99
8) 2-Chlorophenol	7.013	128	1031425	37.413	ng	98
9) Benzaldehyde	6.596	77	613972	36.562	ng	99
10) Phenol	6.655	94	1180989	36.147	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	891974	35.474	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1149103	37.243	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1167655	37.379	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1115013	37.105	ng	99
15) Benzyl Alcohol	7.672	79	789609	36.793	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.972	45	1096588	33.541	ng	96
17) 2-Methylphenol	7.878	107	783922	37.248	ng	99
18) Hexachloroethane	8.502	117	394117	38.728	ng	98
19) n-Nitroso-di-n-propyla...	8.237	70	677129	35.509	ng	98
20) 3+4-Methylphenols	8.196	107	1073472	36.415	ng	99
22) Acetophenone	8.243	105	1462945	36.532	ng	99
24) Nitrobenzene	8.607	77	993249	38.299	ng	96
25) Isophorone	9.131	82	1729337	36.344	ng	99
26) 2-Nitrophenol	9.313	139	530483	42.554	ng	97
27) 2,4-Dimethylphenol	9.378	122	668102	37.641	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1177887	36.458	ng	99
29) 2,4-Dichlorophenol	9.831	162	963481	39.147	ng	100
30) 1,2,4-Trichlorobenzene	10.054	180	1040331	38.170	ng	100
31) Naphthalene	10.237	128	3232170	37.070	ng	99
32) Benzoic acid	9.496	122	751849	43.124	ng	97
33) 4-Chloroaniline	10.349	127	1213122	37.282	ng	99
34) Hexachlorobutadiene	10.537	225	614422	39.283	ng	99
35) Caprolactam	11.107	113	324886	38.586	ng	96
36) 4-Chloro-3-methylphenol	11.472	107	980247	38.113	ng	99
37) 2-Methylnaphthalene	11.860	142	2270036	36.899	ng	100
38) 1-Methylnaphthalene	12.084	142	2198229	36.638	ng	99
40) 1,2,4,5-Tetrachloroben...	12.243	216	1193983	38.723	ng	99
41) Hexachlorocyclopentadiene	12.231	237	336067	41.727	ng	100
43) 2,4,6-Trichlorophenol	12.484	196	769868	41.235	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025098.D
Acq On : 11 Jul 2025 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 11 11:32:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	860953	40.689	ng	98
46) 1,1'-Biphenyl	12.901	154	2920645	37.415	ng	100
47) 2-Chloronaphthalene	12.937	162	2211966	37.701	ng	99
48) 2-Nitroaniline	13.143	65	564702	39.793	ng	98
49) Acenaphthylene	13.801	152	3388079	37.730	ng	100
50) Dimethylphthalate	13.554	163	2813488	37.463	ng	100
51) 2,6-Dinitrotoluene	13.660	165	605676	41.352	ng	98
52) Acenaphthene	14.154	154	2131757	36.832	ng	99
53) 3-Nitroaniline	13.990	138	671959	42.808	ng	97
54) 2,4-Dinitrophenol	14.190	184	303417	44.919	ng	96
55) Dibenzofuran	14.495	168	3485493	36.491	ng	99
56) 4-Nitrophenol	14.307	139	613179	42.330	ng	98
57) 2,4-Dinitrotoluene	14.460	165	831501	39.193	ng	97
58) Fluorene	15.166	166	2755786	37.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	796811	41.585	ng	97
60) Diethylphthalate	14.954	149	2889845	38.312	ng	100
61) 4-Chlorophenyl-phenyle...	15.172	204	1354974	37.060	ng	98
62) 4-Nitroaniline	15.178	138	719170	43.694	ng	97
63) Azobenzene	15.478	77	2458033	36.595	ng	97
65) 4,6-Dinitro-2-methylph...	15.242	198	429362	43.392	ng	100
66) n-Nitrosodiphenylamine	15.389	169	2384609	37.785	ng	100
67) 4-Bromophenyl-phenylether	16.078	248	889264	39.384	ng	97
68) Hexachlorobenzene	16.201	284	1063903	38.550	ng	97
69) Atrazine	16.378	200	684251	37.000	ng	99
70) Pentachlorophenol	16.554	266	803101	43.089	ng	98
71) Phenanthrene	16.960	178	4392936	37.281	ng	100
72) Anthracene	17.042	178	4270702	37.778	ng	100
73) Carbazole	17.325	167	4274956	38.676	ng	99
74) Di-n-butylphthalate	17.948	149	5096925	41.410	ng	99
75) Fluoranthene	19.054	202	5424902	39.386	ng	100
77) Benzidine	19.260	184	1855652	43.101	ng	97
78) Pyrene	19.430	202	5614841	37.187	ng	100
80) Butylbenzylphthalate	20.425	149	2440094	42.410	ng	99
81) Benzo(a)anthracene	21.324	228	5628566	38.100	ng	99
82) 3,3'-Dichlorobenzidine	21.260	252	2056200	46.236	ng	99
83) Chrysene	21.395	228	5329580	37.488	ng	99
84) Bis(2-ethylhexyl)phtha...	21.319	149	3517144	44.386	ng	99
85) Di-n-octyl phthalate	22.542	149	6084845	42.656	ng	98
87) Indeno(1,2,3-cd)pyrene	28.006	276	7376073m	40.866	ng	
88) Benzo(b)fluoranthene	23.501	252	6242031	37.851	ng	99
89) Benzo(k)fluoranthene	23.560	252	6052790	36.888	ng	99
90) Benzo(a)pyrene	24.330	252	5508230	39.245	ng	100
91) Dibenzo(a,h)anthracene	28.101	278	6048761	40.542	ng	99
92) Benzo(g,h,i)perylene	29.089	276	6218230	40.345	ng	100

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

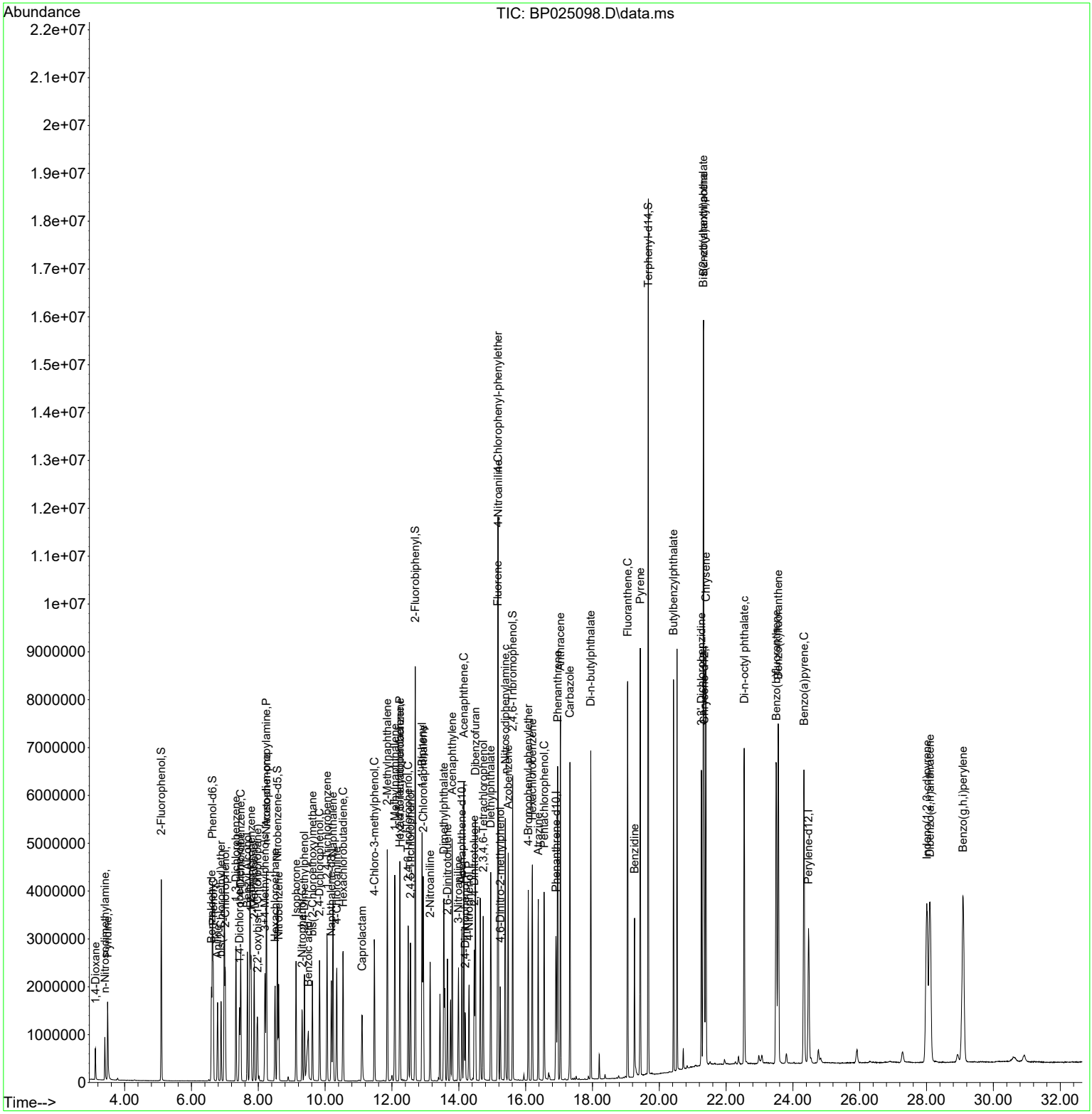
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Acq On : 11 Jul 2025 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

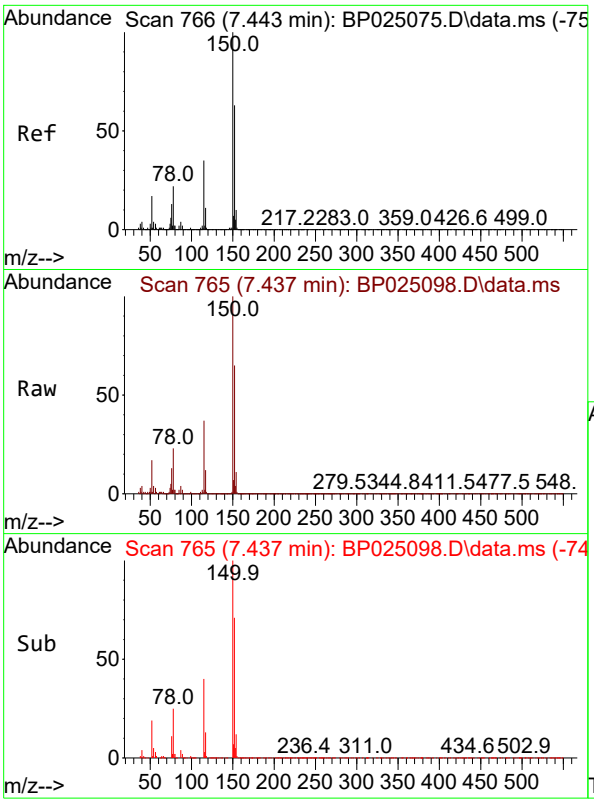
Quant Time: Jul 11 11:32:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

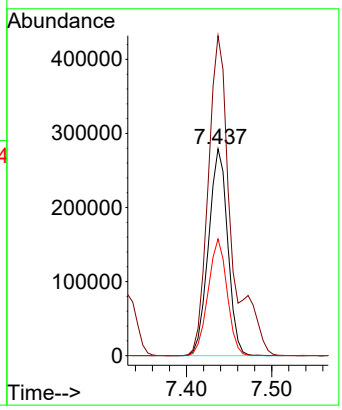




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:152 Resp: 43658

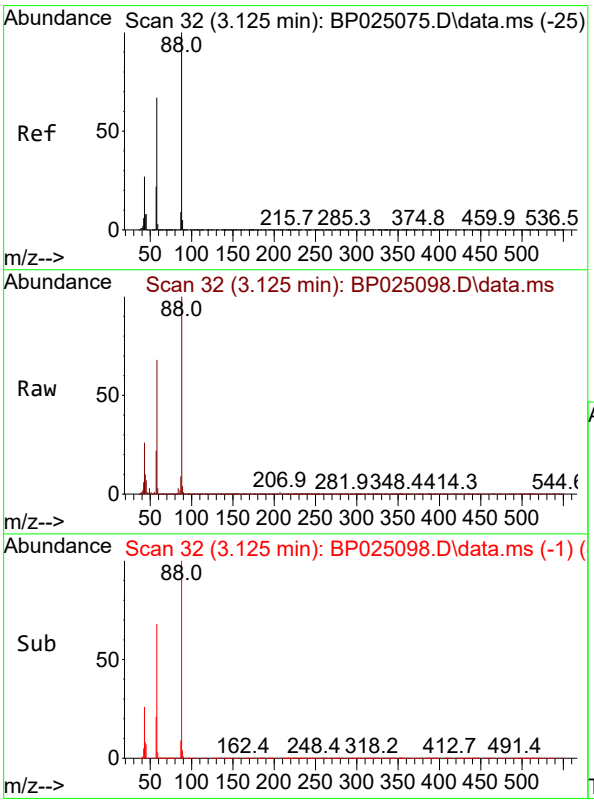
Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.1	189.1
115	56.5	44.3	66.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

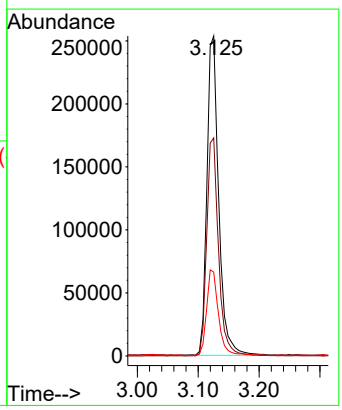
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

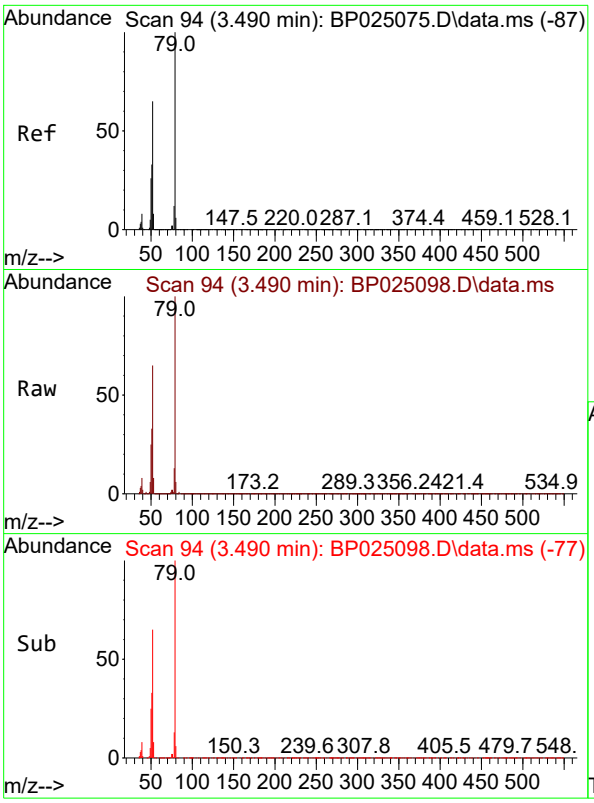


#2
1,4-Dioxane
Concen: 35.528 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 88 Resp: 340403

Ion	Ratio	Lower	Upper
88	100		
58	68.6	55.0	82.4
43	27.2	21.9	32.9

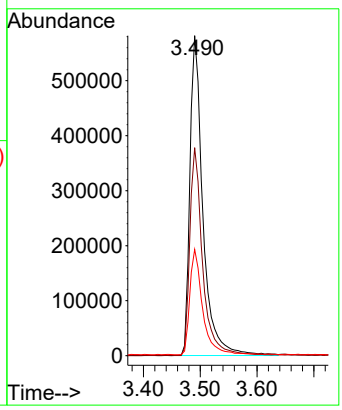




#3
Pyridine
Concen: 35.371 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 79 Resp: 92784

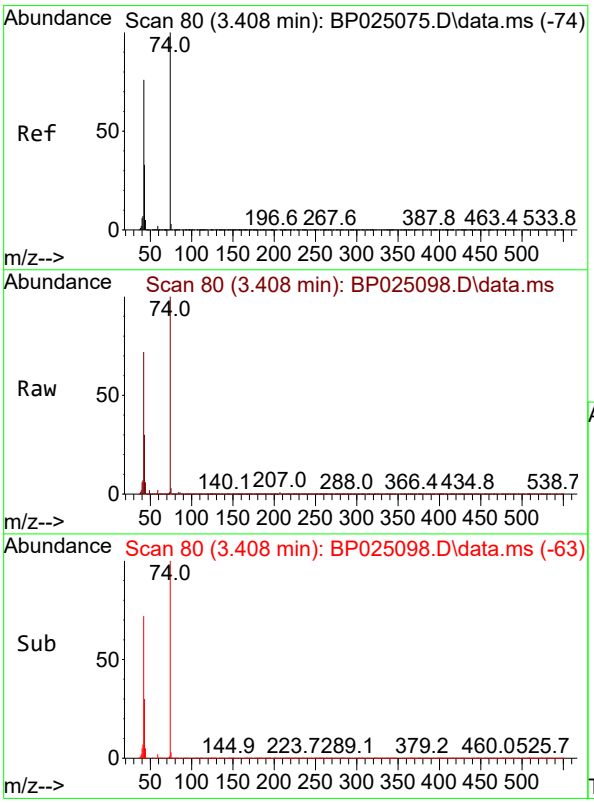
Ion	Ratio	Lower	Upper
79	100		
52	65.0	52.2	78.4
51	33.2	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

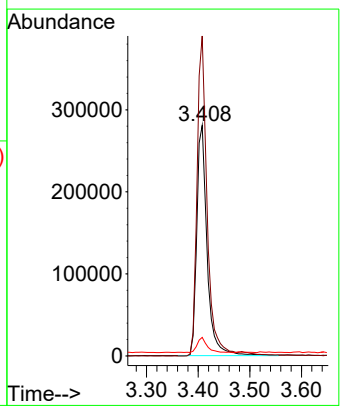
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

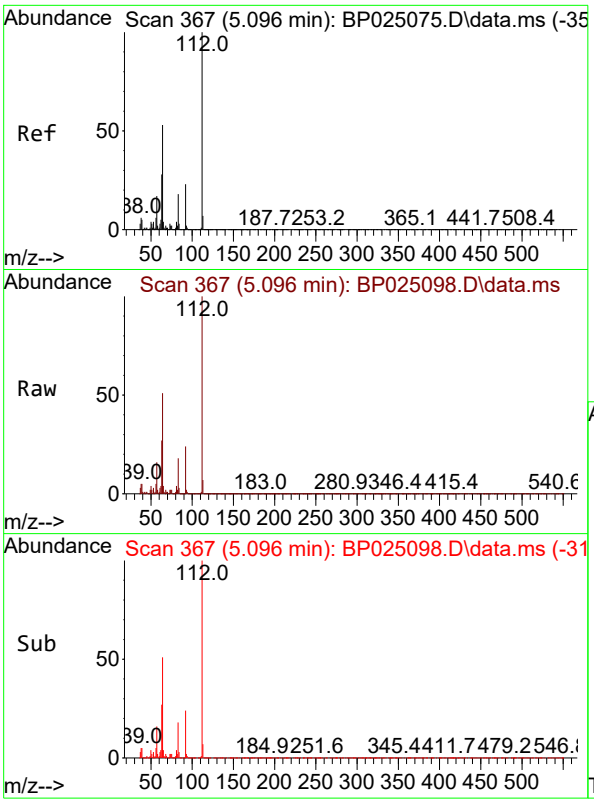


#4
n-Nitrosodimethylamine
Concen: 35.176 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 42 Resp: 390683

Ion	Ratio	Lower	Upper
42	100		
74	138.8	105.2	157.8
44	8.1	6.6	9.8

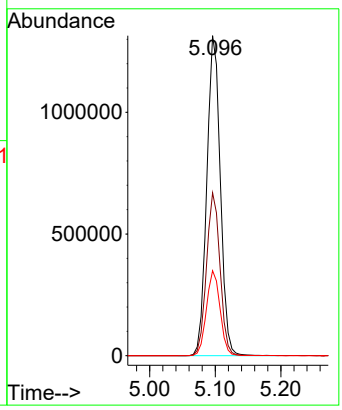




#5
2-Fluorophenol
Concen: 76.555 ng
RT: 5.096 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:112 Resp: 188629

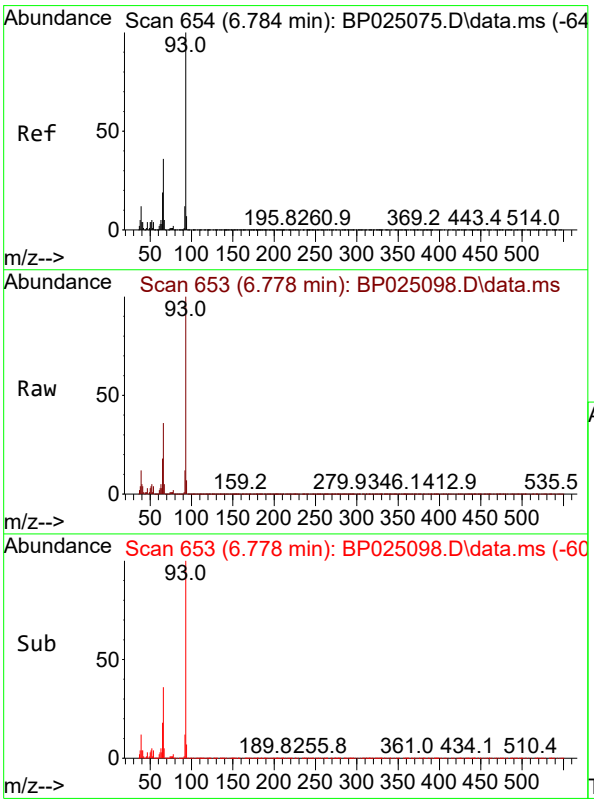
Ion	Ratio	Lower	Upper
112	100		
64	50.9	42.0	63.0
63	26.5	22.2	33.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

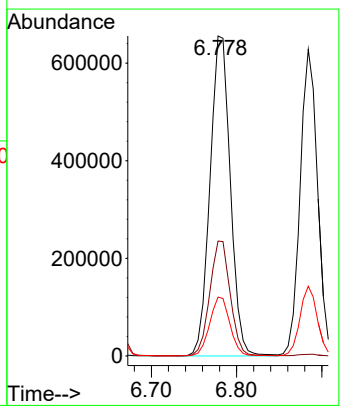
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

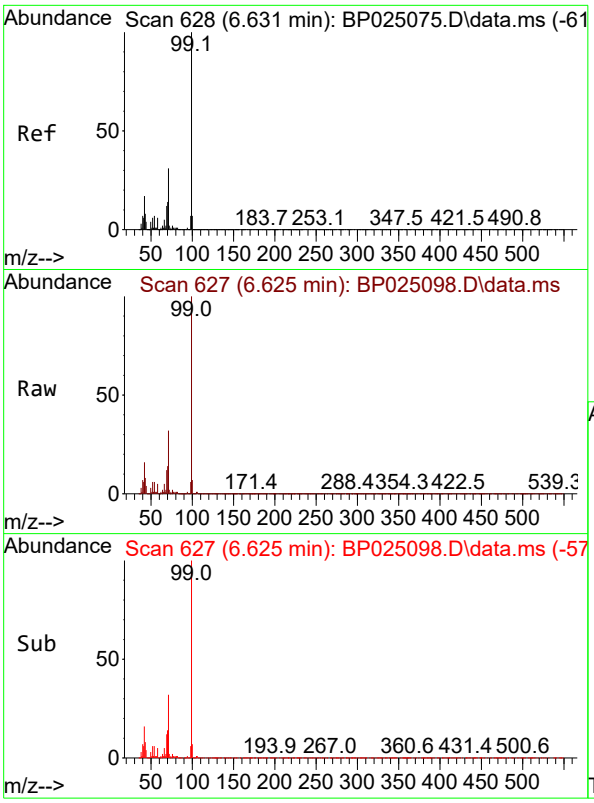


#6
Aniline
Concen: 36.174 ng
RT: 6.778 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 93 Resp: 1086769

Ion	Ratio	Lower	Upper
93	100		
66	35.9	28.9	43.3
65	18.4	15.2	22.8

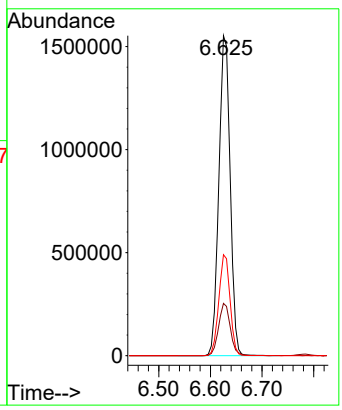




#7
Phenol-d6
Concen: 73.282 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 99 Resp: 235635

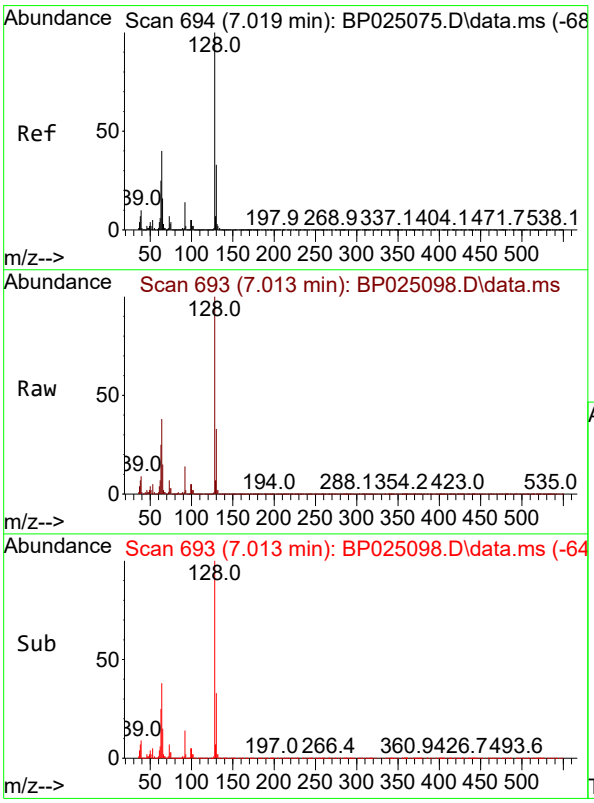
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	31.6	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

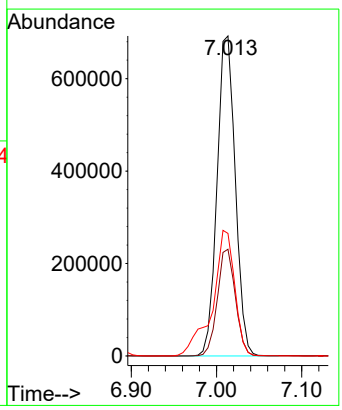
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

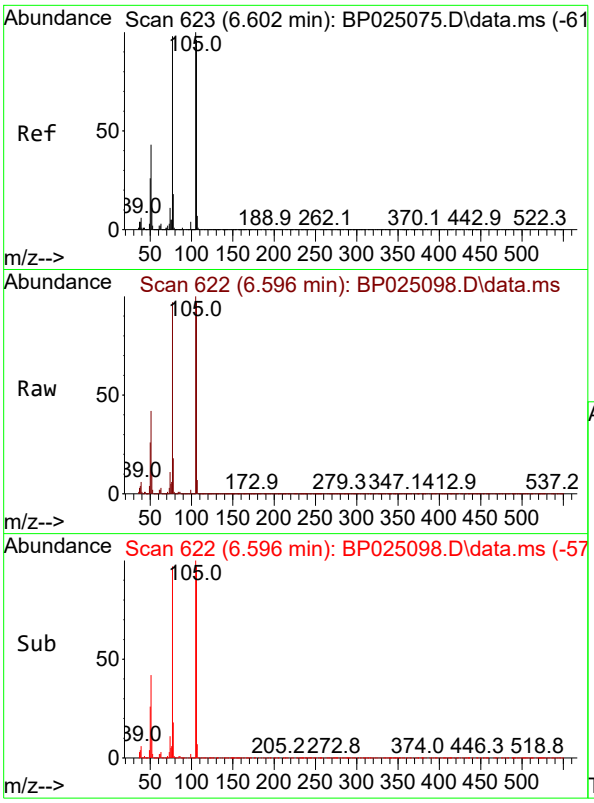


#8
2-Chlorophenol
Concen: 37.413 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:128 Resp: 1031425

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	38.3	20.3	60.3

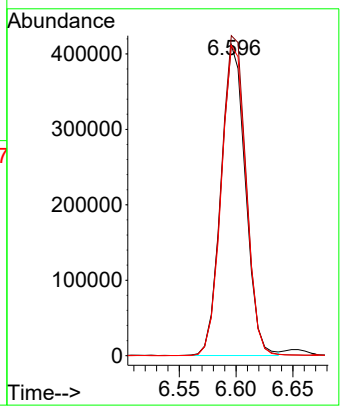




#9
Benzaldehyde
Concen: 36.562 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 77 Resp: 61397

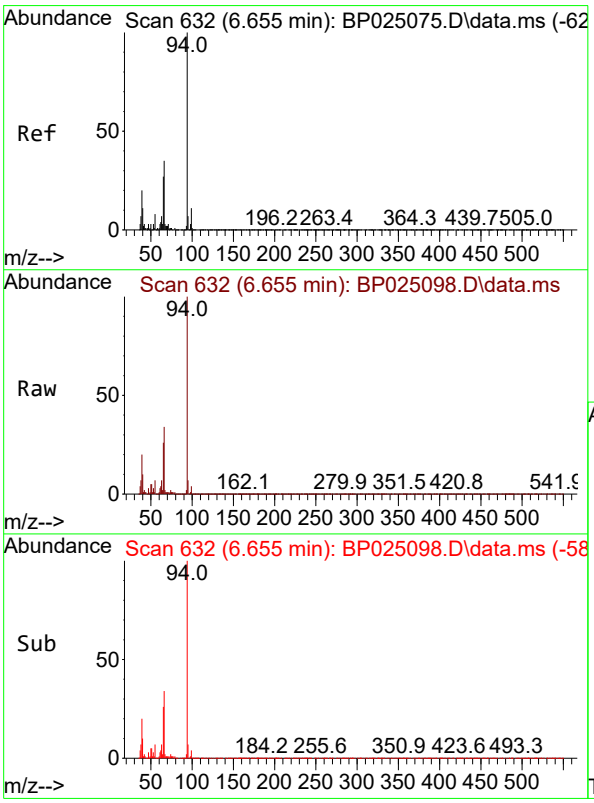
Ion	Ratio	Lower	Upper
77	100		
105	102.9	82.4	122.4
106	99.8	78.3	118.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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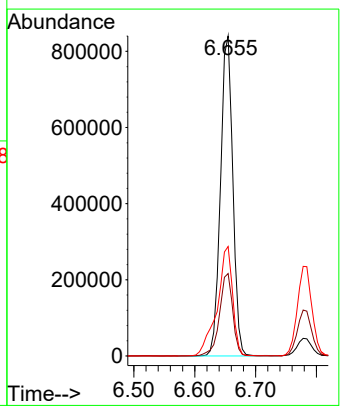
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

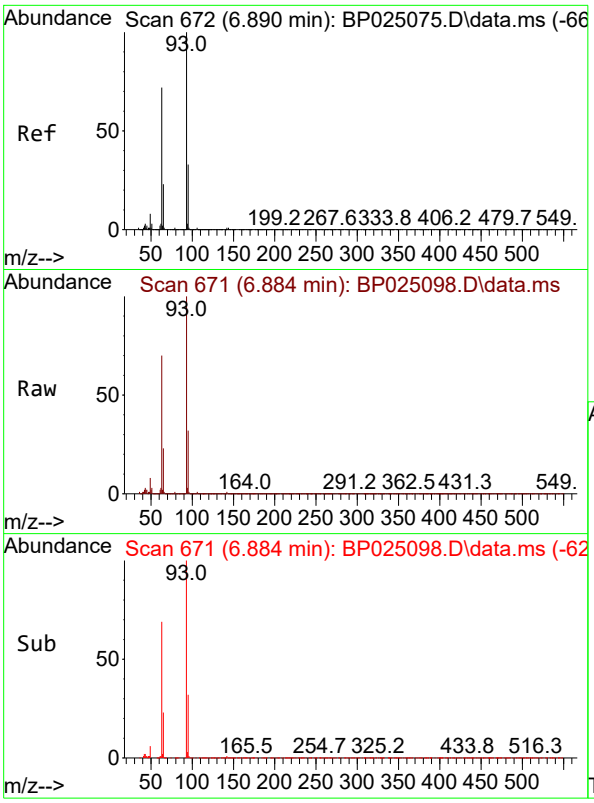


#10
Phenol
Concen: 36.147 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 94 Resp: 1180989

Ion	Ratio	Lower	Upper
94	100		
65	25.7	6.9	46.9
66	34.2	14.6	54.6





#11
bis(2-Chloroethyl)ether
Concen: 35.474 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

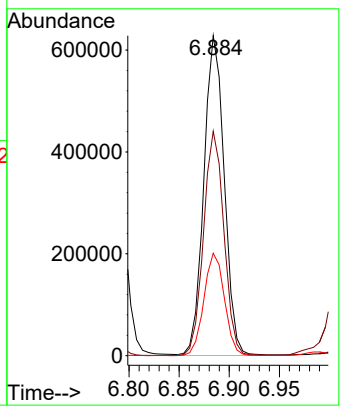
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

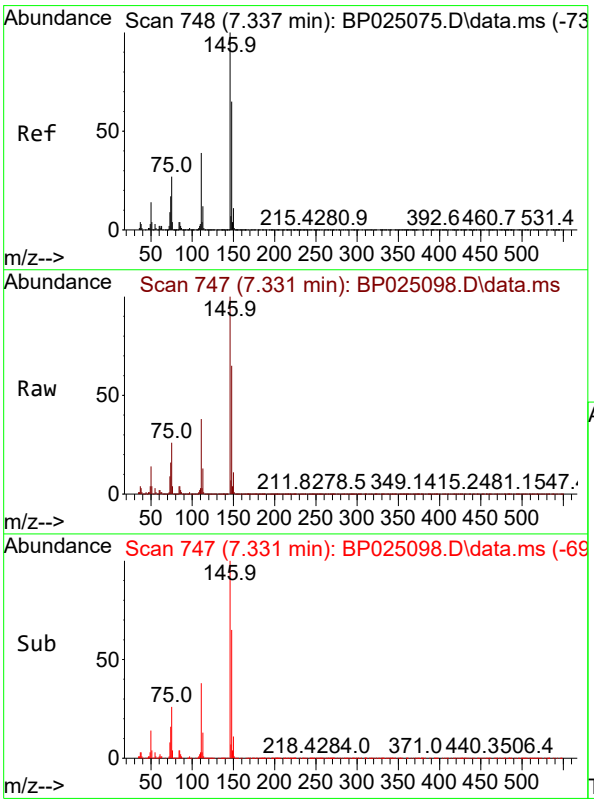
Tgt Ion: 93 Resp: 89197

Ion	Ratio	Lower	Upper
93	100		
63	70.1	51.9	91.9
95	32.0	12.4	52.4

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Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

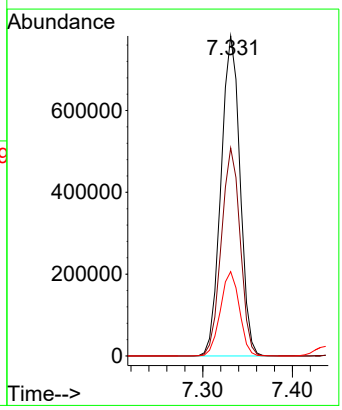


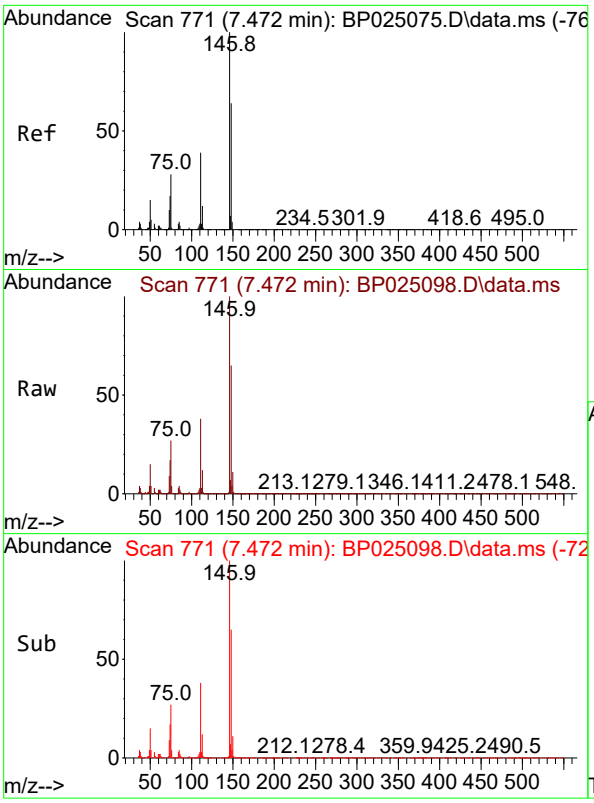


#12
1,3-Dichlorobenzene
Concen: 37.243 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:146 Resp: 1149103

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
75	26.4	21.8	32.6

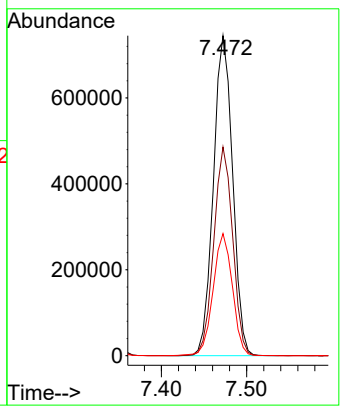




#13
1,4-Dichlorobenzene
Concen: 37.379 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:146 Resp: 116765

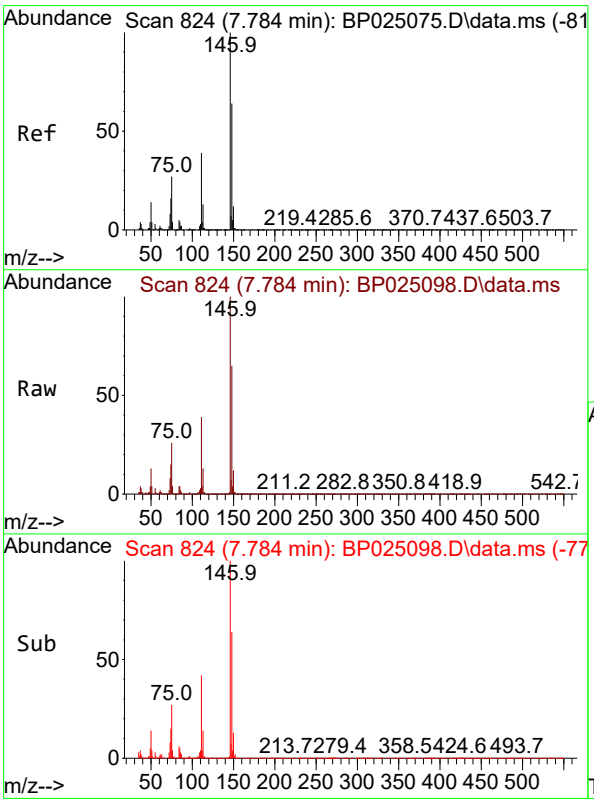
Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
111	38.1	31.2	46.8



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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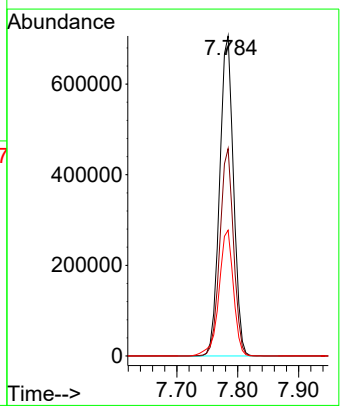
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

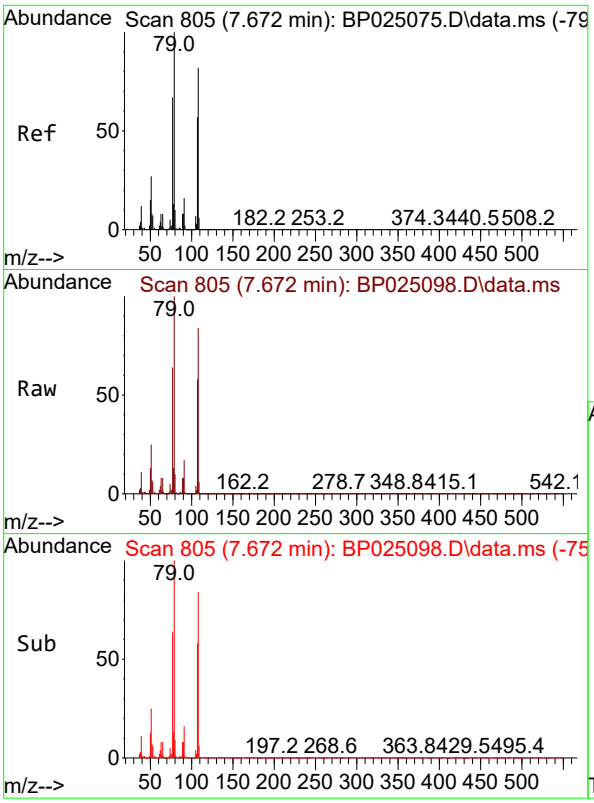


#14
1,2-Dichlorobenzene
Concen: 37.105 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:146 Resp: 1115013

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	39.3	31.2	46.8





#15
Benzyl Alcohol
Concen: 36.793 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

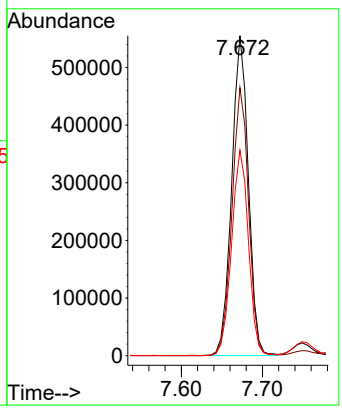
Tgt Ion: 79 Resp: 78960

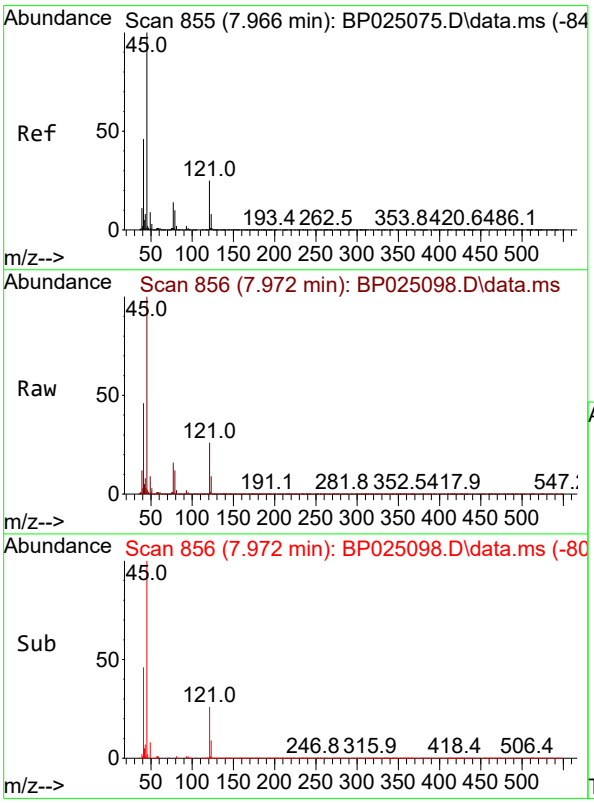
Ion	Ratio	Lower	Upper
79	100		
108	83.8	66.0	99.0
77	64.2	53.4	80.2

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

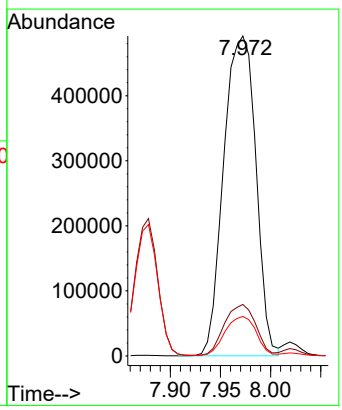


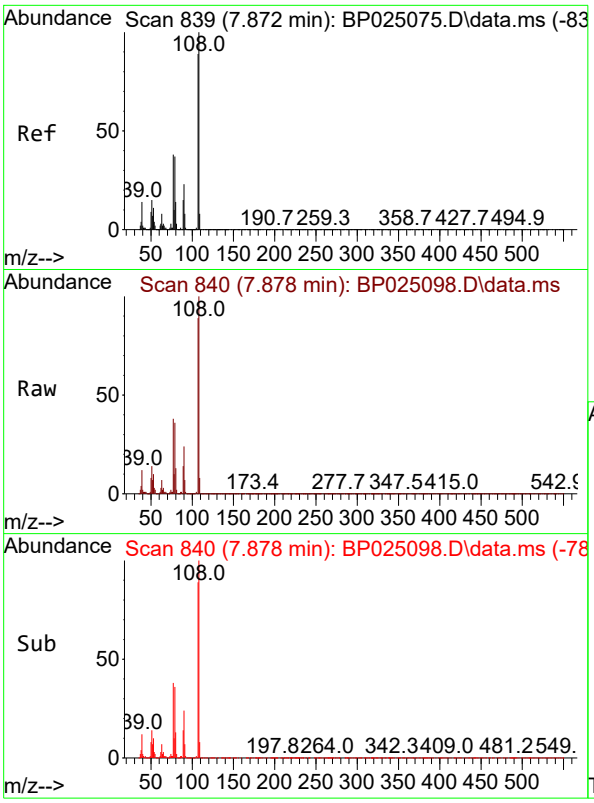


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.541 ng
RT: 7.972 min Scan# 856
Delta R.T. 0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 45 Resp: 1096588

Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	34.8
79	12.3	0.0	30.7

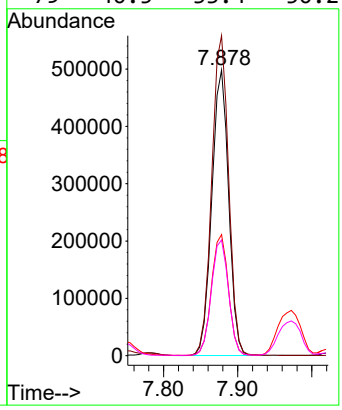




#17
2-Methylphenol
Concen: 37.248 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:107 Resp: 78392

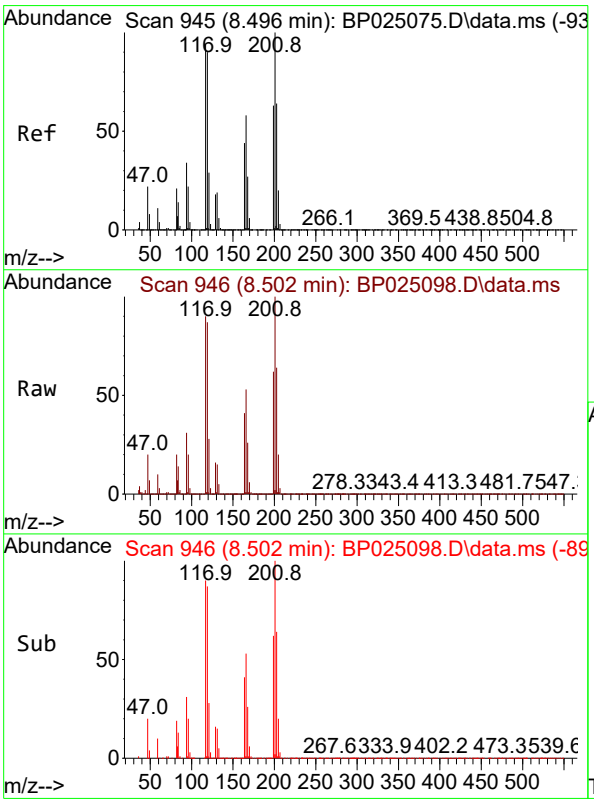
Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.7	134.5
77	42.4	34.2	51.4
79	40.5	33.4	50.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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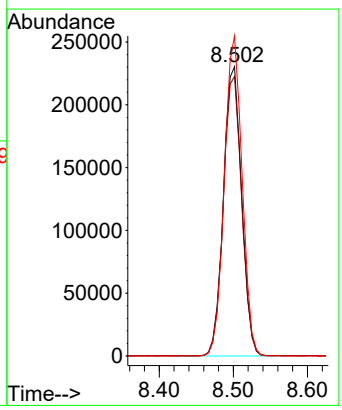
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

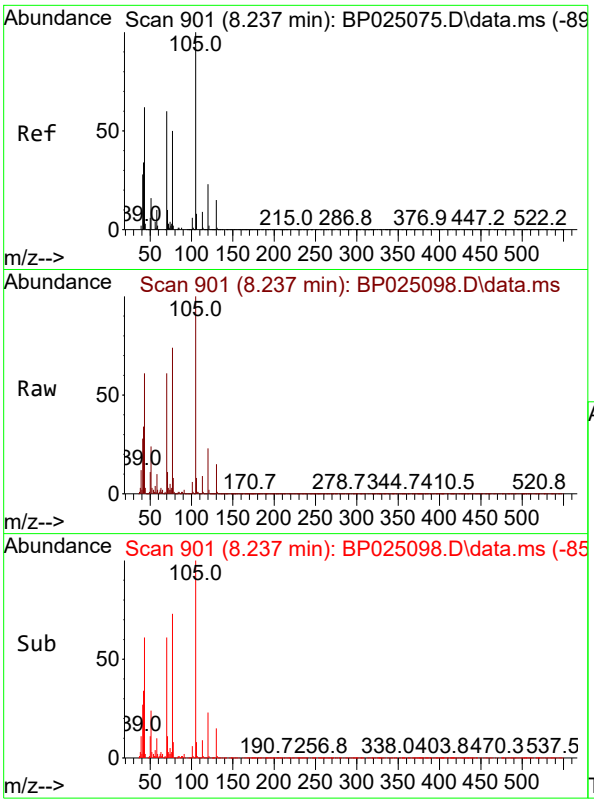


#18
Hexachloroethane
Concen: 38.728 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:117 Resp: 394117

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.6	115.0
201	110.6	85.4	128.2

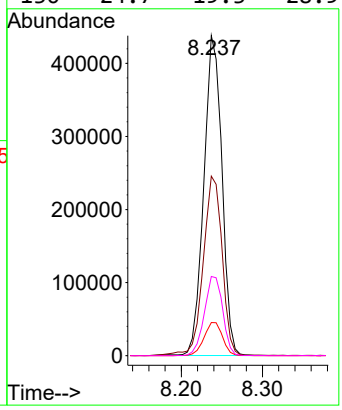




#19
n-Nitroso-di-n-propylamine
Concen: 35.509 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 70 Resp: 67712

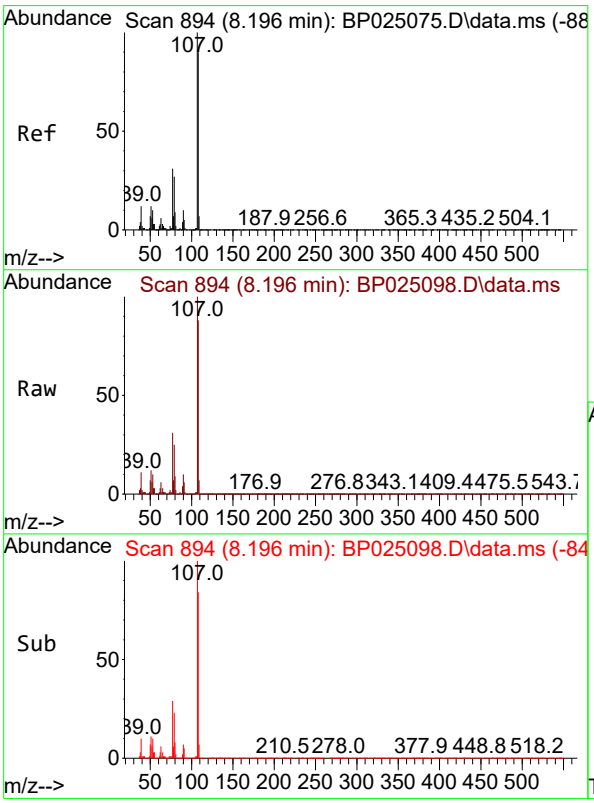
Ion	Ratio	Lower	Upper
70	100		
42	56.1	46.5	69.7
101	10.3	7.9	11.9
130	24.7	19.3	28.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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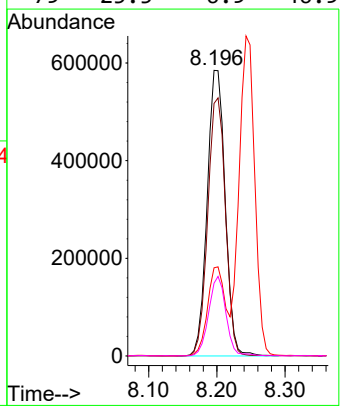
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

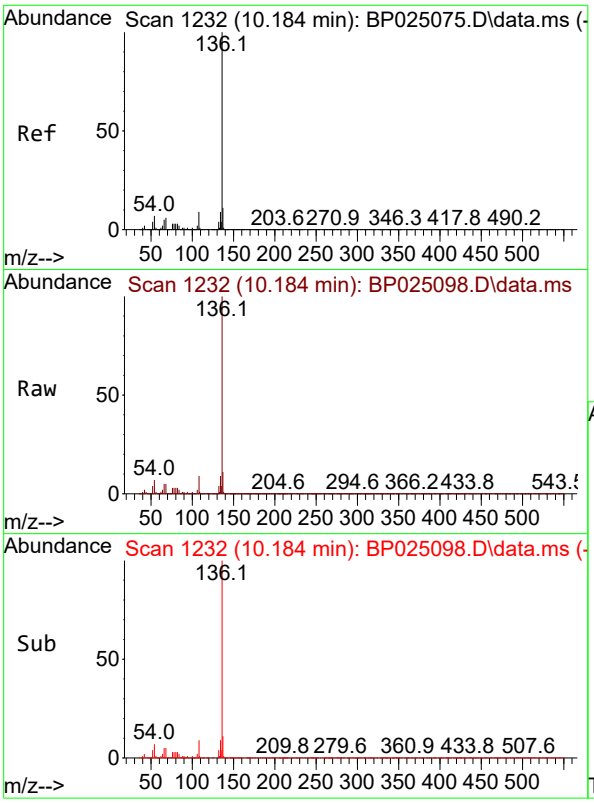


#20
3+4-Methylphenols
Concen: 36.415 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:107 Resp: 1073472

Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.5	109.5
77	30.9	11.4	51.4
79	25.5	6.9	46.9

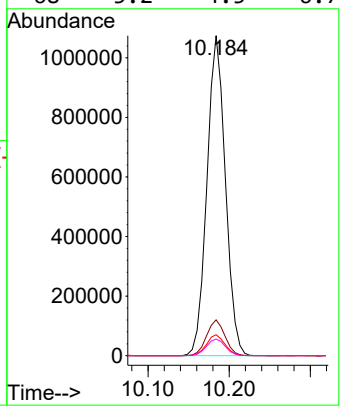




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:136 Resp: 169329

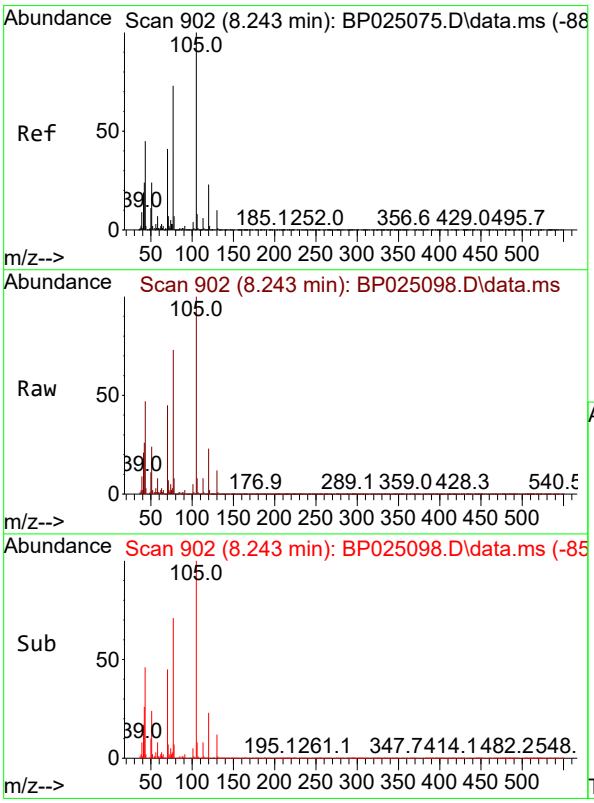
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.5	5.4	8.2
68	5.2	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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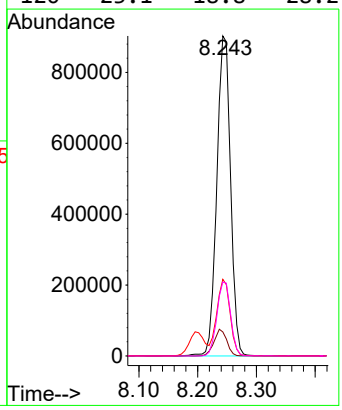
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

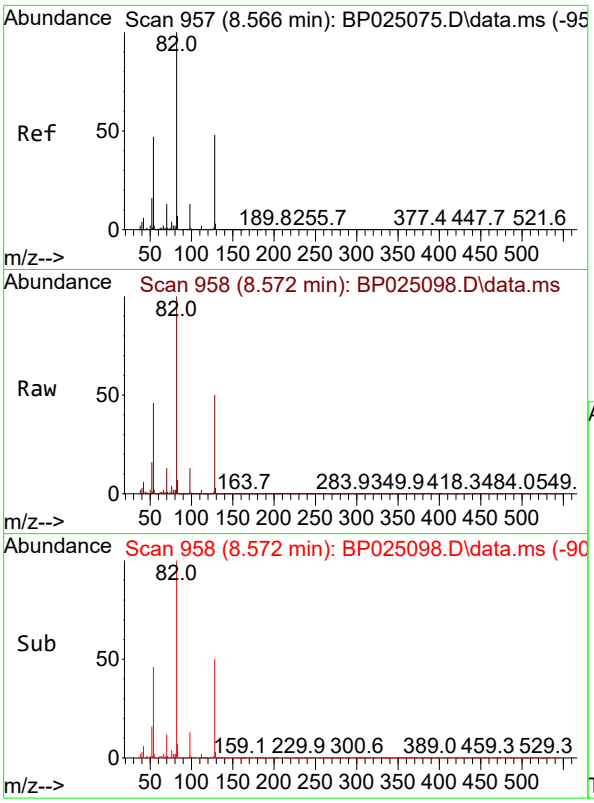


#22
Acetophenone
Concen: 36.532 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:105 Resp: 1462945

Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.4	8.2
51	24.0	19.6	29.4
120	23.1	18.8	28.2

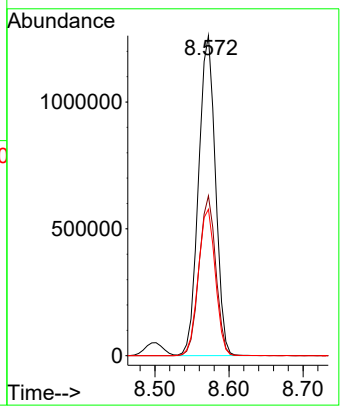




#23
Nitrobenzene-d5
Concen: 78.280 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 82 Resp: 199311

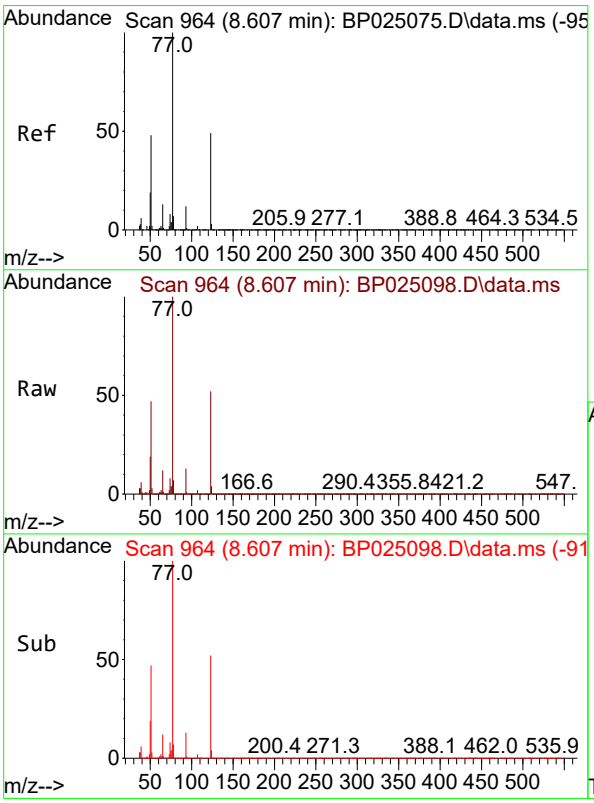
Ion	Ratio	Lower	Upper
82	100		
128	49.9	38.4	57.6
54	45.7	37.8	56.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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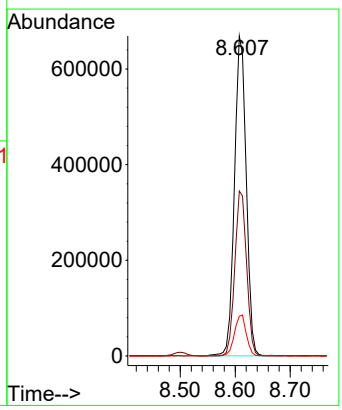
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

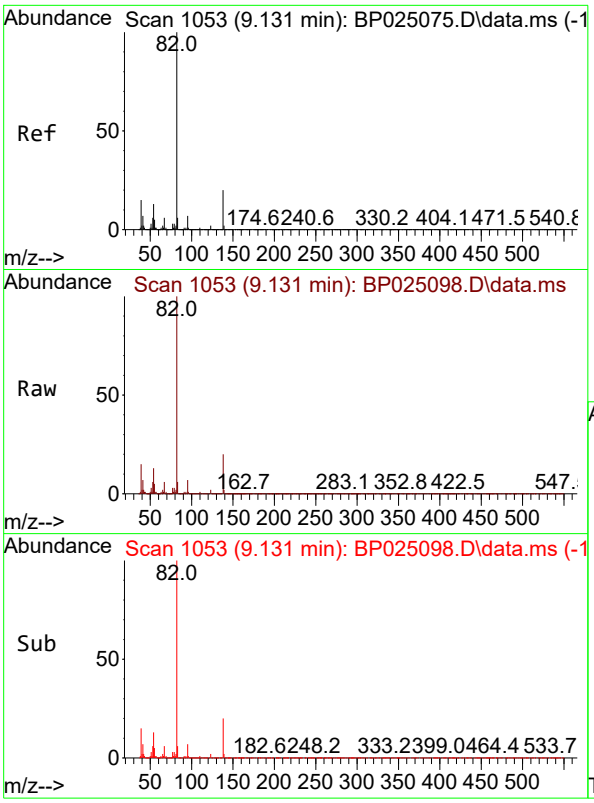


#24
Nitrobenzene
Concen: 38.299 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 77 Resp: 993249

Ion	Ratio	Lower	Upper
77	100		
123	51.5	39.0	58.6
65	12.4	10.7	16.1

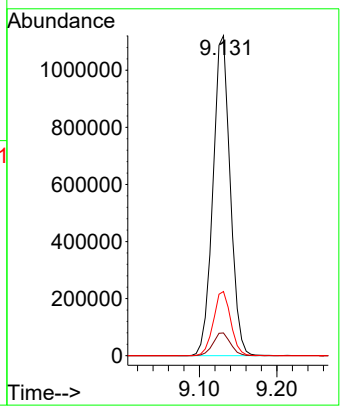




#25
Isophorone
Concen: 36.344 ng
RT: 9.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 82 Resp: 172933

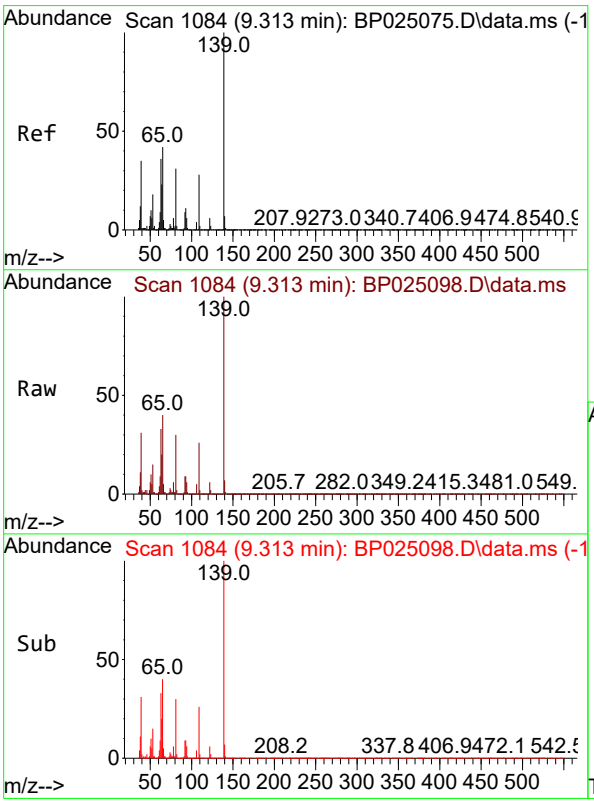
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	20.1	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

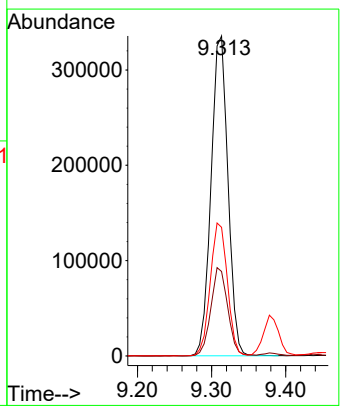
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

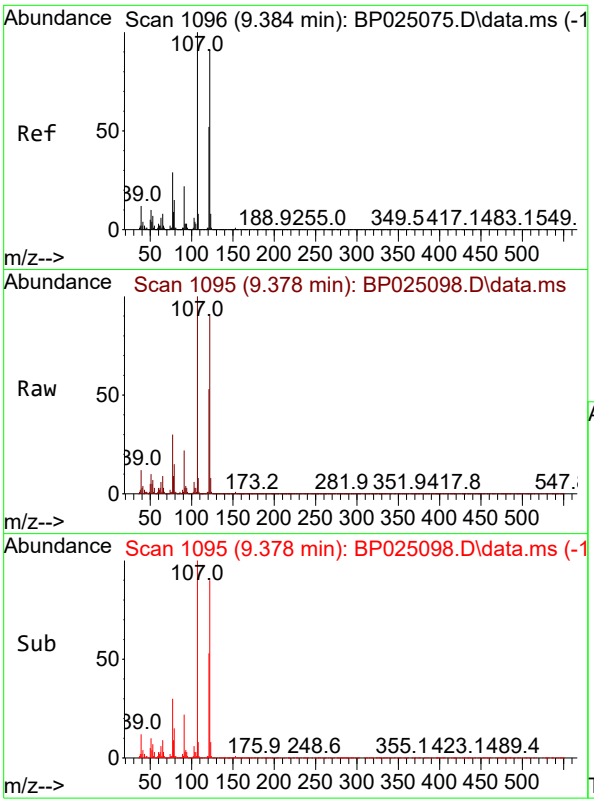


#26
2-Nitrophenol
Concen: 42.554 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:139 Resp: 530483

Ion	Ratio	Lower	Upper
139	100		
109	26.4	22.3	33.5
65	40.2	33.8	50.8





#27
2,4-Dimethylphenol
Concen: 37.641 ng
RT: 9.378 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

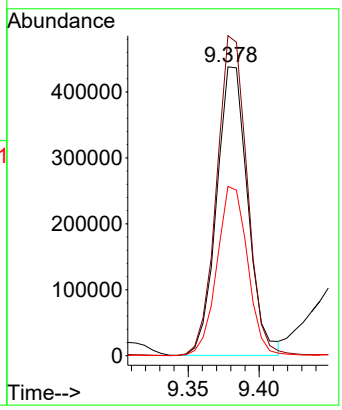
Tgt Ion:122 Resp: 66810

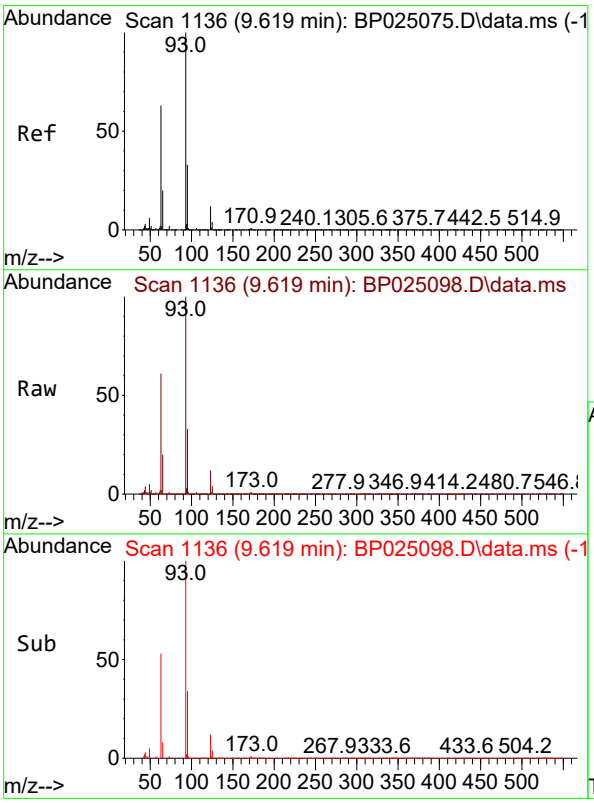
Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.2	132.2
121	58.6	46.1	69.1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

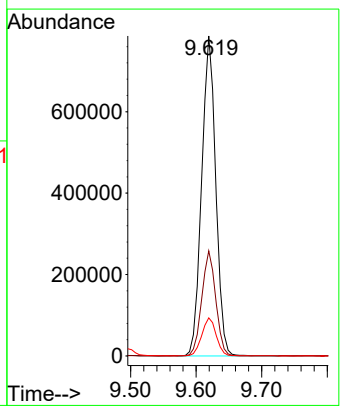


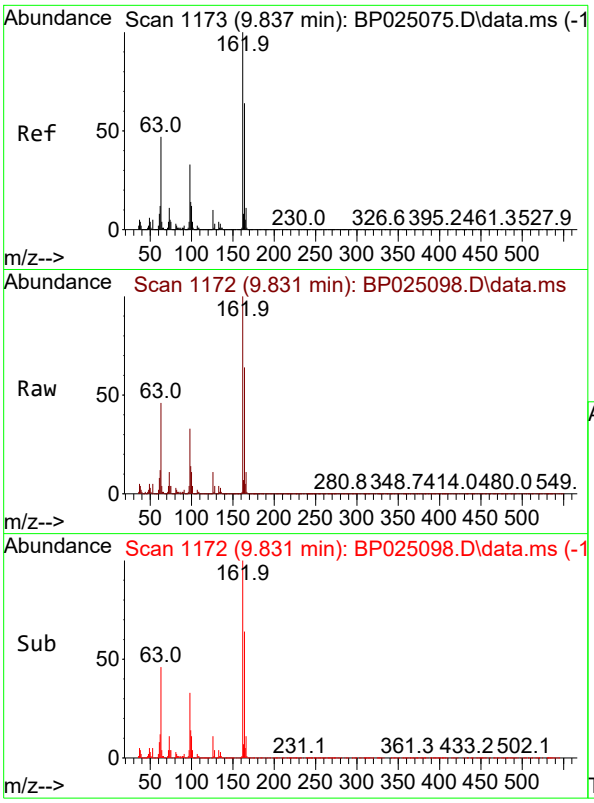


#28
bis(2-Chloroethoxy)methane
Concen: 36.458 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 93 Resp: 1177887

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	11.9	10.1	15.1





#29
2,4-Dichlorophenol
Concen: 39.147 ng
RT: 9.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

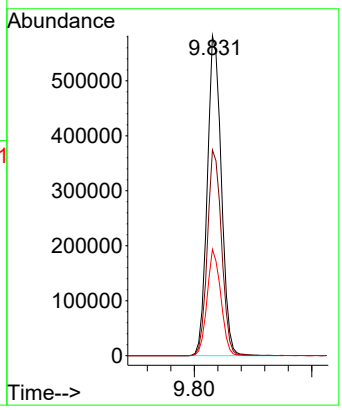
Tgt Ion:162 Resp: 96348

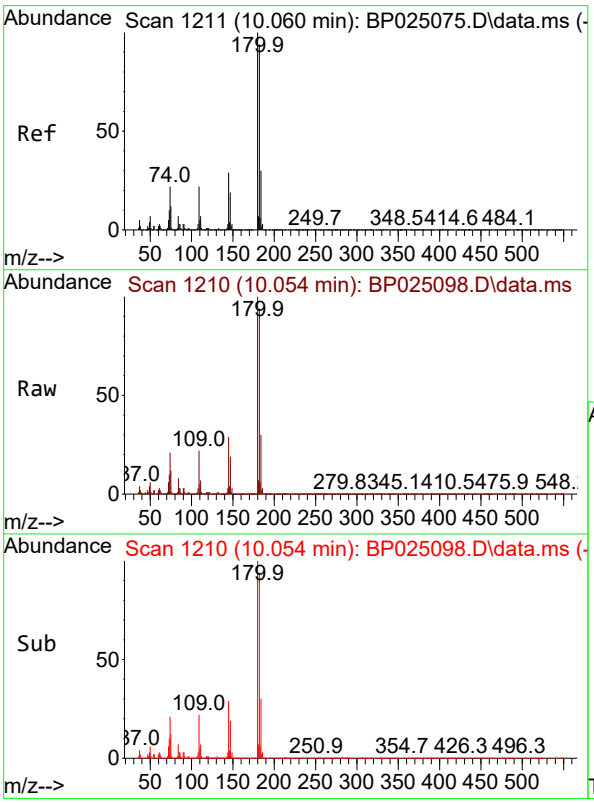
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.1	84.1
98	33.2	13.1	53.1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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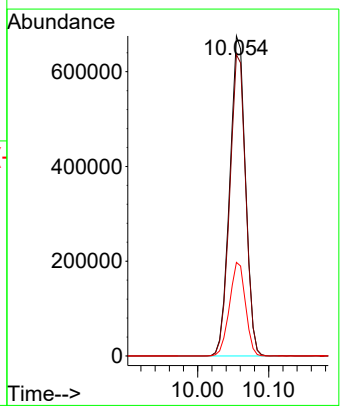


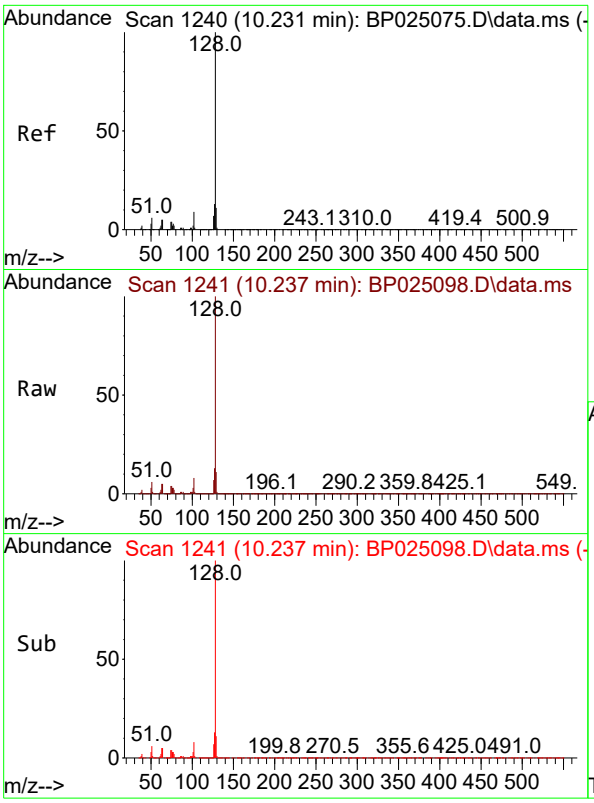


#30
1,2,4-Trichlorobenzene
Concen: 38.170 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:180 Resp: 1040331

Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.1	112.7
145	29.3	23.3	34.9

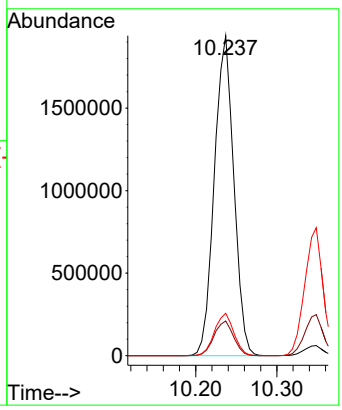




#31
Naphthalene
Concen: 37.070 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:128 Resp: 323217

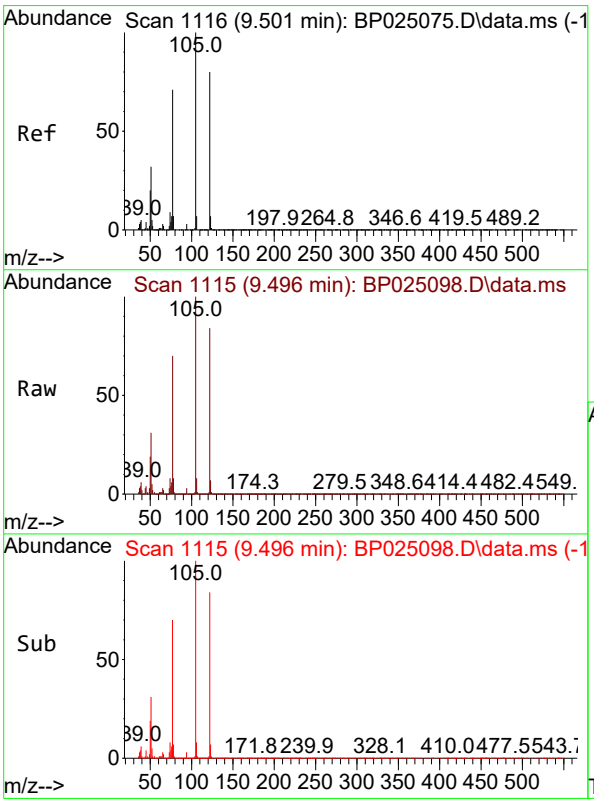
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.2	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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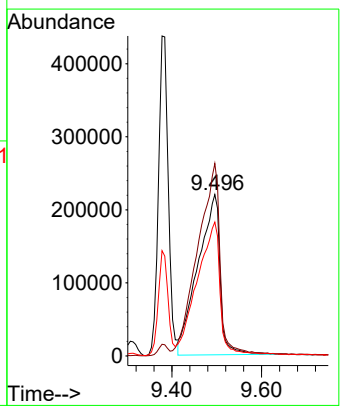
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

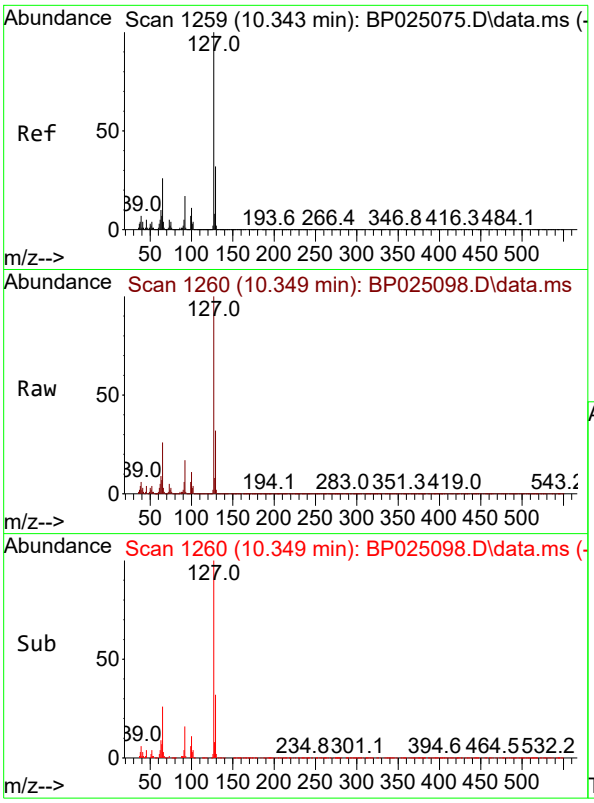


#32
Benzoic acid
Concen: 43.124 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.005 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:122 Resp: 751849

Ion	Ratio	Lower	Upper
122	100		
105	119.3	101.0	141.0
77	83.0	67.6	107.6

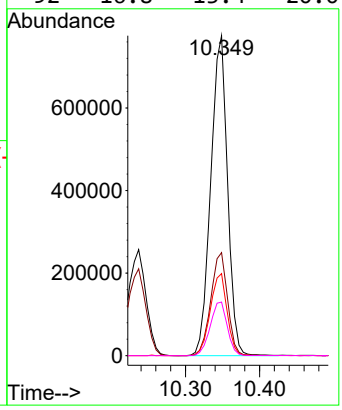




#33
4-Chloroaniline
Concen: 37.282 ng
RT: 10.349 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:127 Resp: 121312

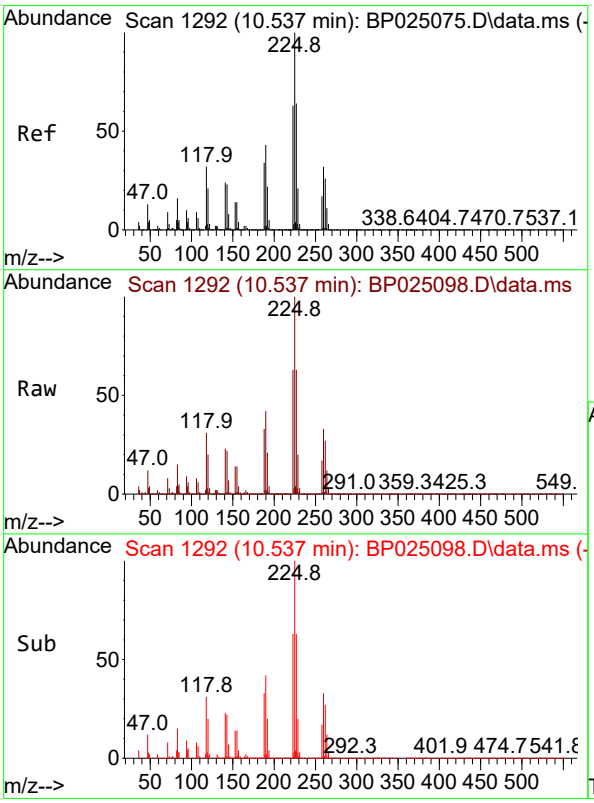
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	25.7	21.0	31.6
92	16.8	13.4	20.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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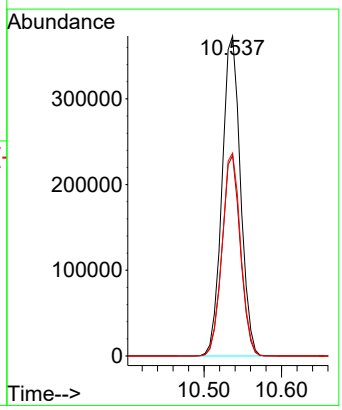
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

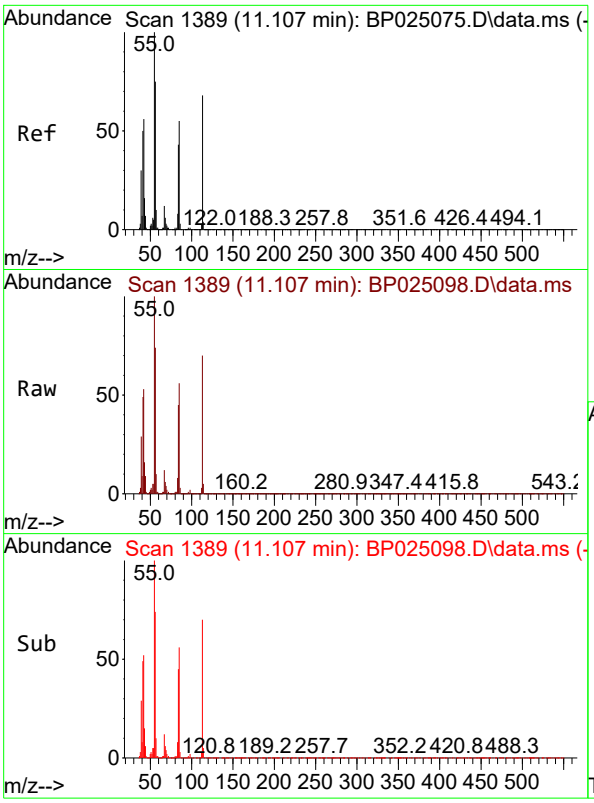


#34
Hexachlorobutadiene
Concen: 39.283 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:225 Resp: 614422

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	63.4	51.3	76.9

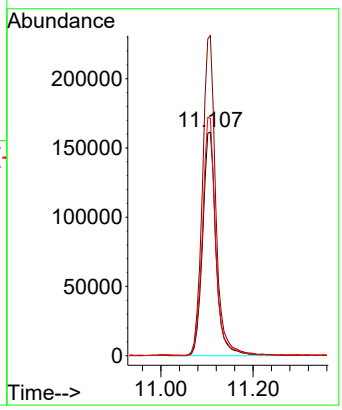




#35
Caprolactam
Concen: 38.586 ng
RT: 11.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:113 Resp: 32488

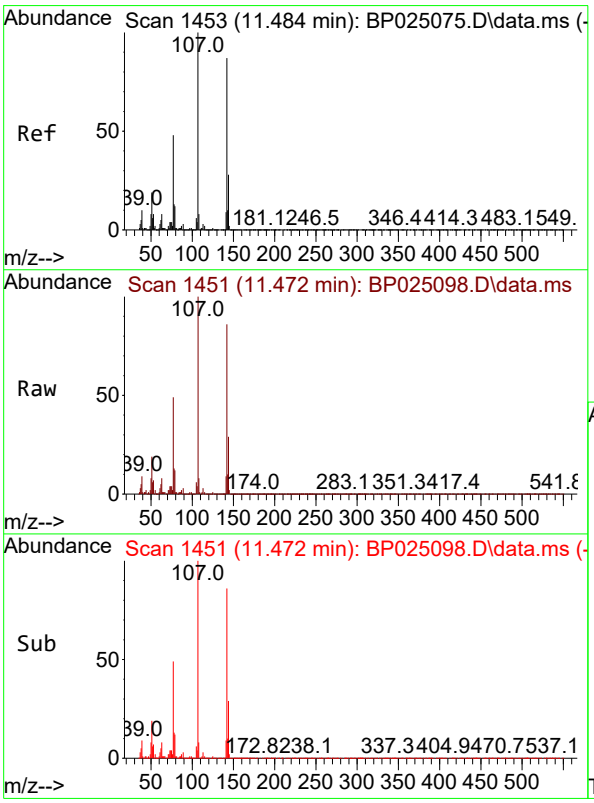
Ion	Ratio	Lower	Upper
113	100		
55	143.1	128.1	168.1
56	106.1	90.7	130.7



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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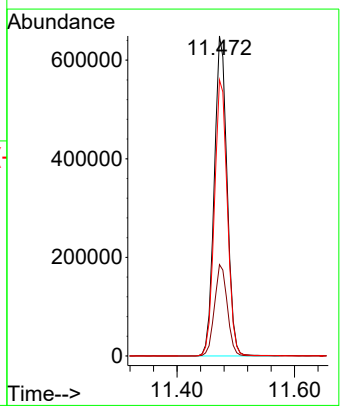
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

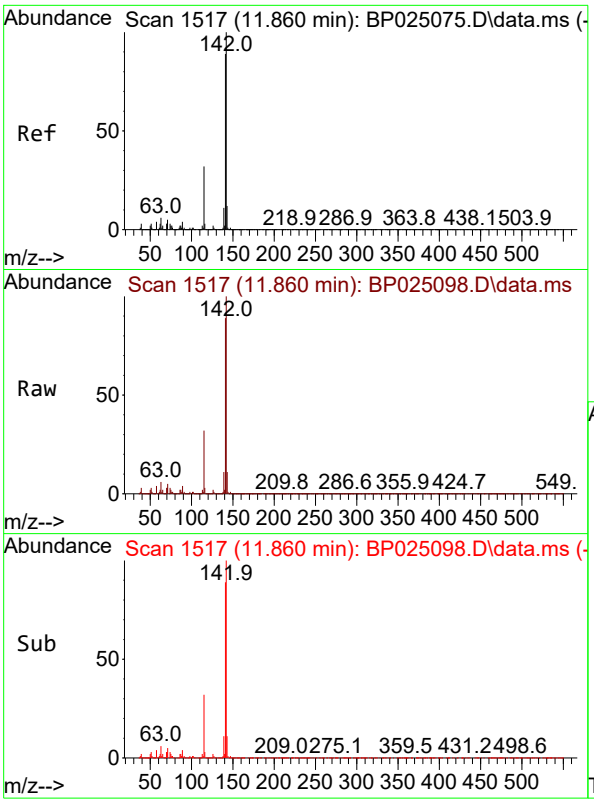


#36
4-Chloro-3-methylphenol
Concen: 38.113 ng
RT: 11.472 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:107 Resp: 980247

Ion	Ratio	Lower	Upper
107	100		
144	28.5	22.4	33.6
142	86.3	69.6	104.4

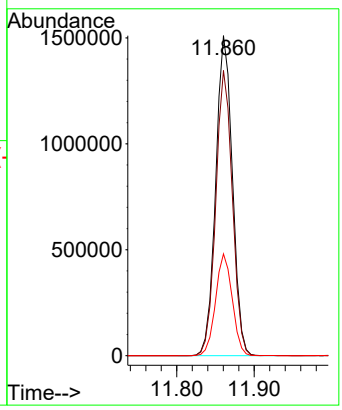




#37
2-Methylnaphthalene
Concen: 36.899 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:142 Resp: 227003

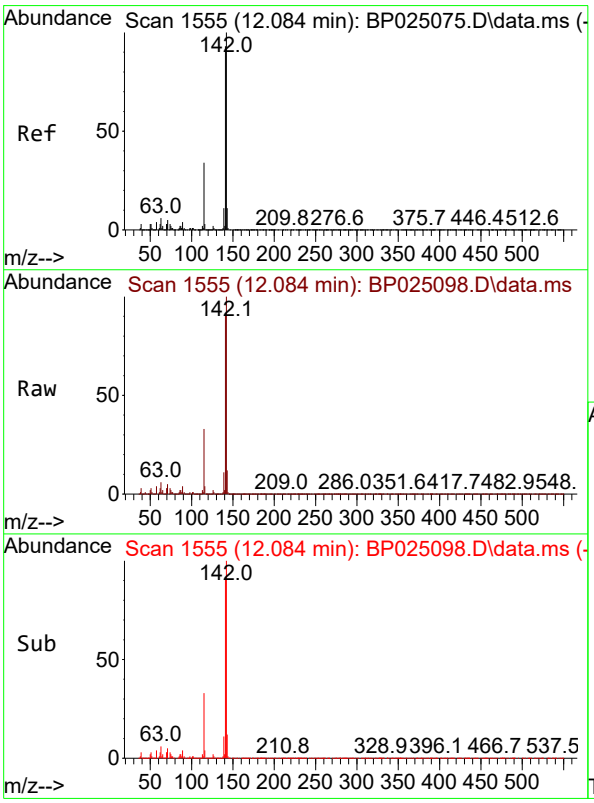
Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8
115	31.8	25.9	38.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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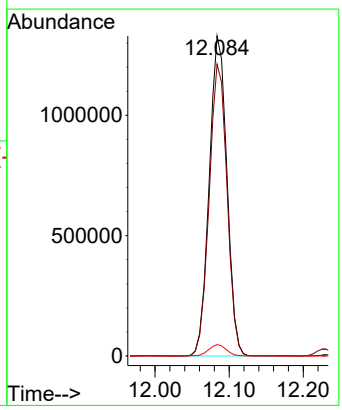
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

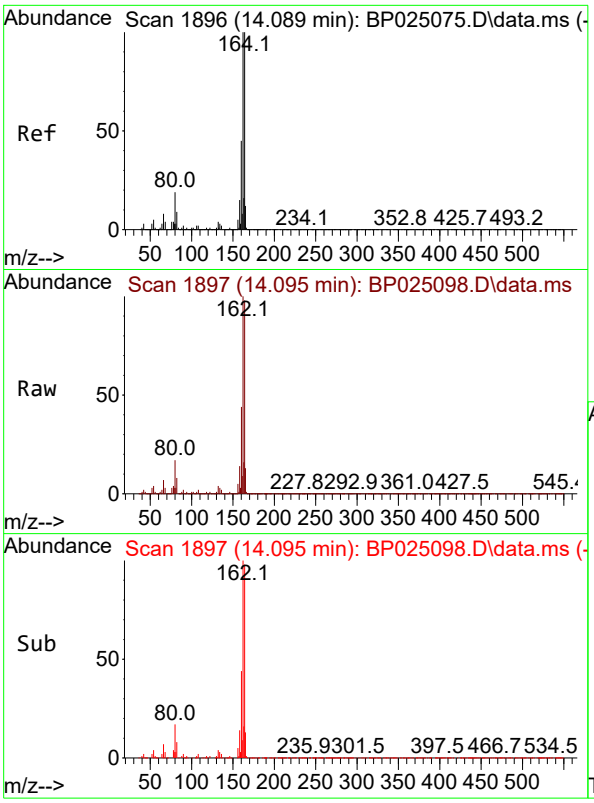


#38
1-Methylnaphthalene
Concen: 36.638 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:142 Resp: 2198229

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.1	111.1
116	3.6	2.7	4.1

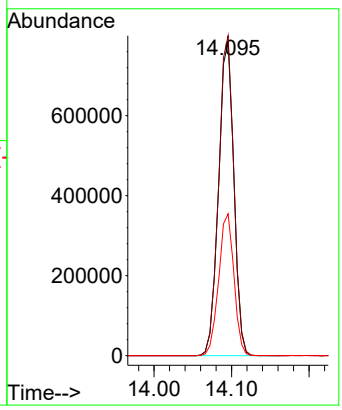




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:164 Resp: 107286

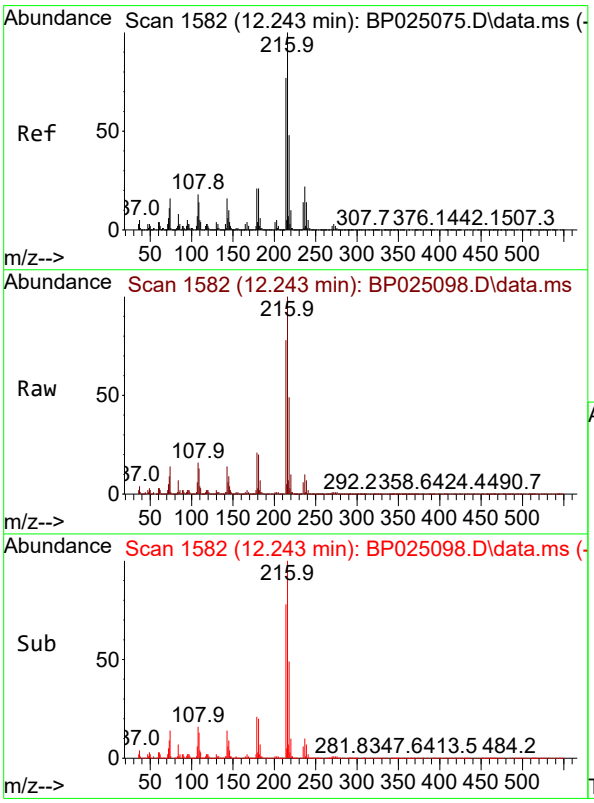
Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.3	120.5
160	45.2	35.9	53.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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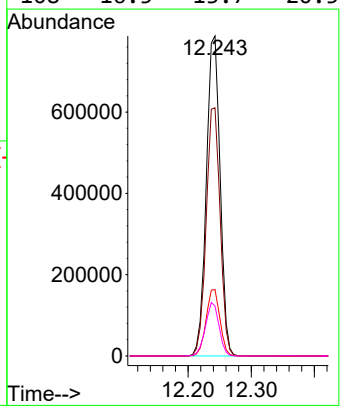
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

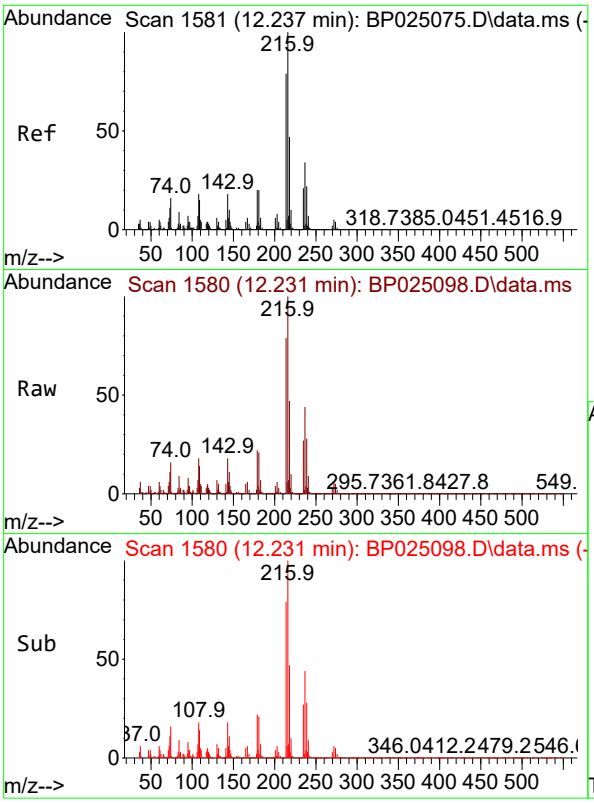


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.723 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:216 Resp: 1193983

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.8	16.5	24.7
108	16.5	13.7	20.5

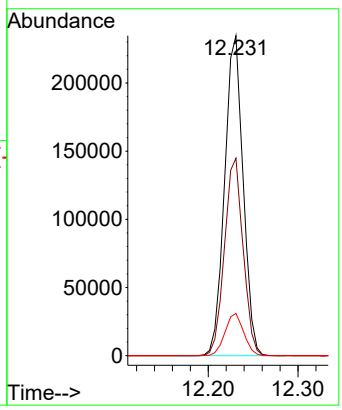




#41
Hexachlorocyclopentadiene
Concen: 41.727 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:237 Resp: 33606

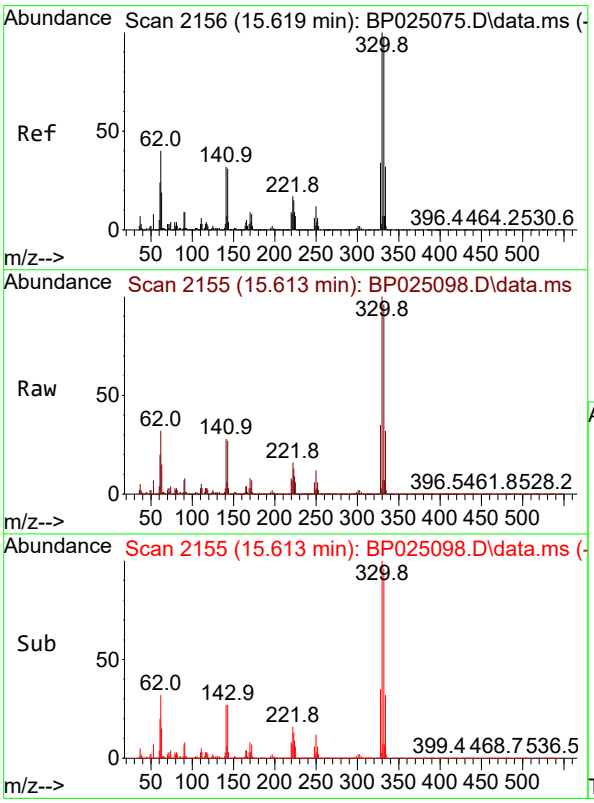
Ion	Ratio	Lower	Upper
237	100		
235	61.7	41.6	81.6
272	13.2	0.0	33.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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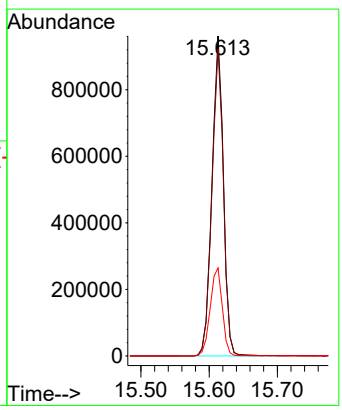
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

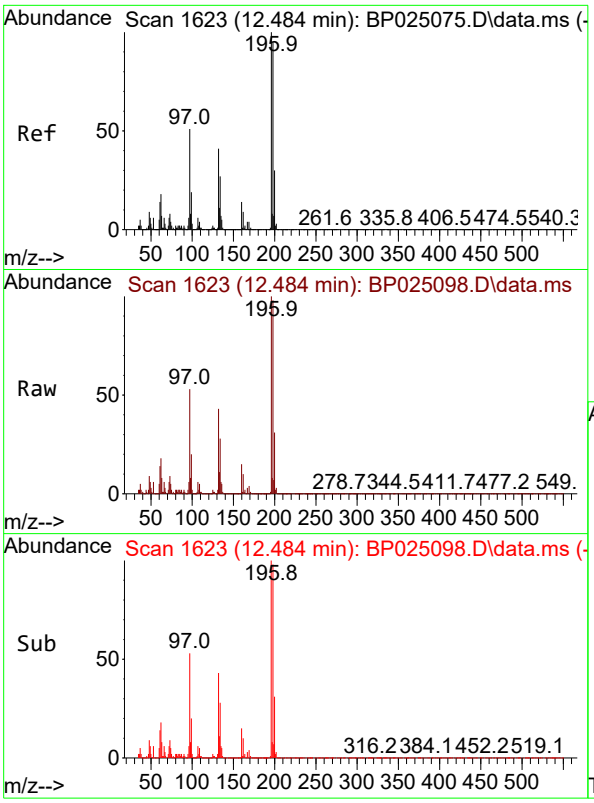


#42
2,4,6-Tribromophenol
Concen: 88.615 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:330 Resp: 1123120

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.7	116.5
141	29.1	26.0	39.0





#43
2,4,6-Trichlorophenol
Concen: 41.235 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

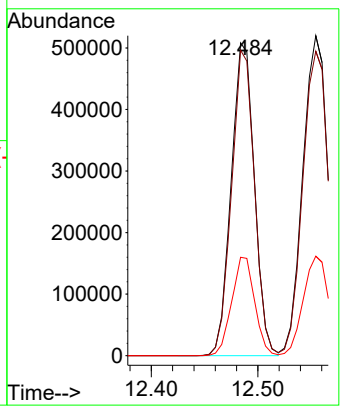
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

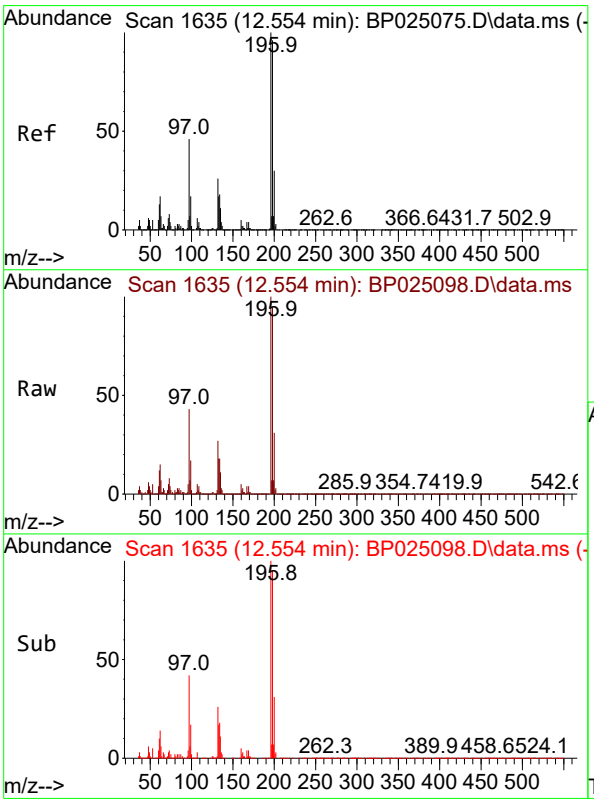
Tgt Ion:196 Resp: 76986

Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.2	114.2
200	31.5	24.3	36.5

Manual Integrations
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Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

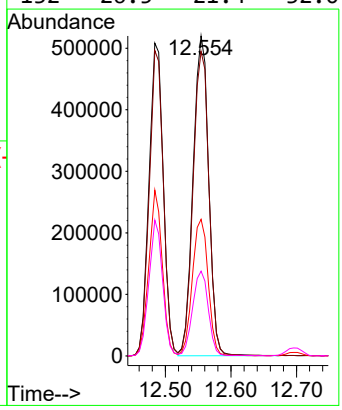


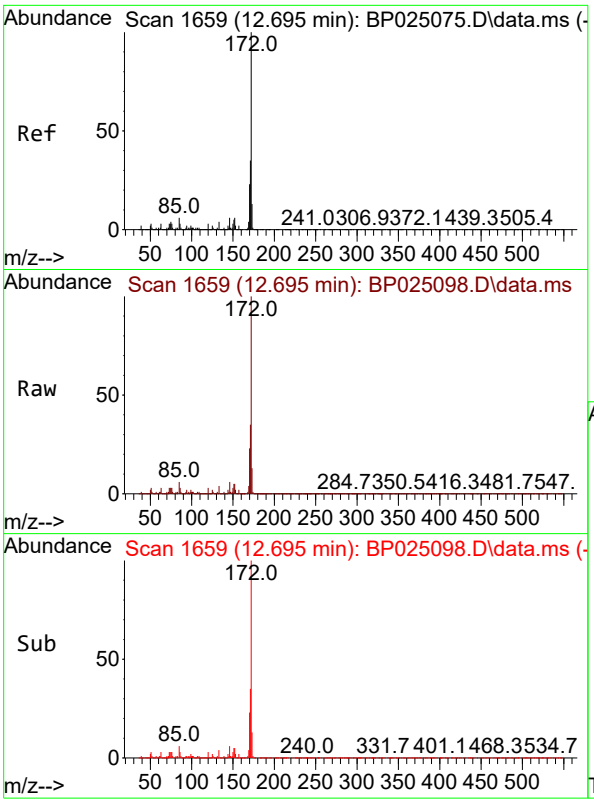


#44
2,4,5-Trichlorophenol
Concen: 40.689 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:196 Resp: 860953

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.6	115.0
97	42.7	36.6	55.0
132	26.5	21.4	32.0

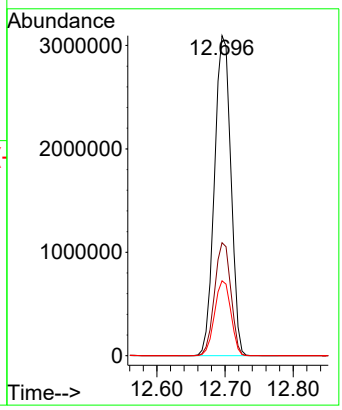




#45
2-Fluorobiphenyl
Concen: 74.901 ng
RT: 12.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:172 Resp: 518721

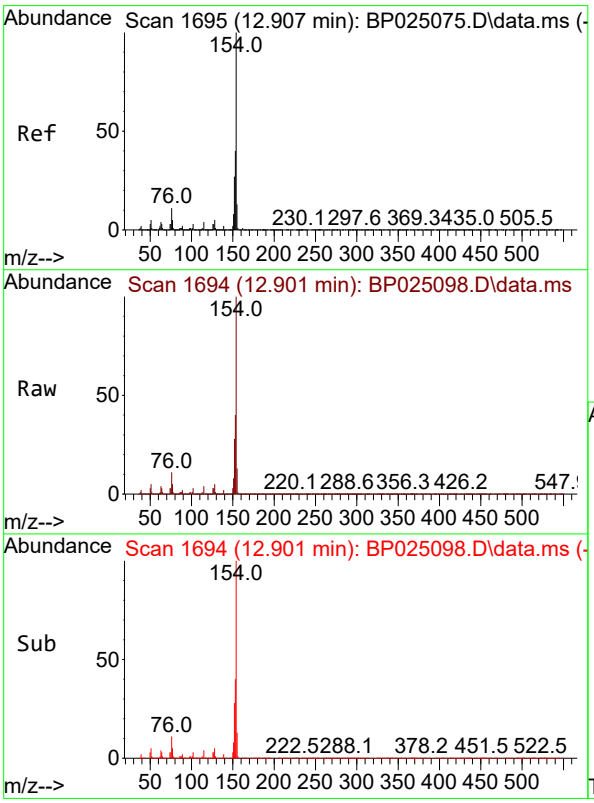
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.4	18.7	28.1



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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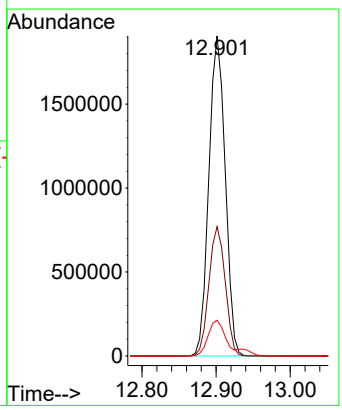
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

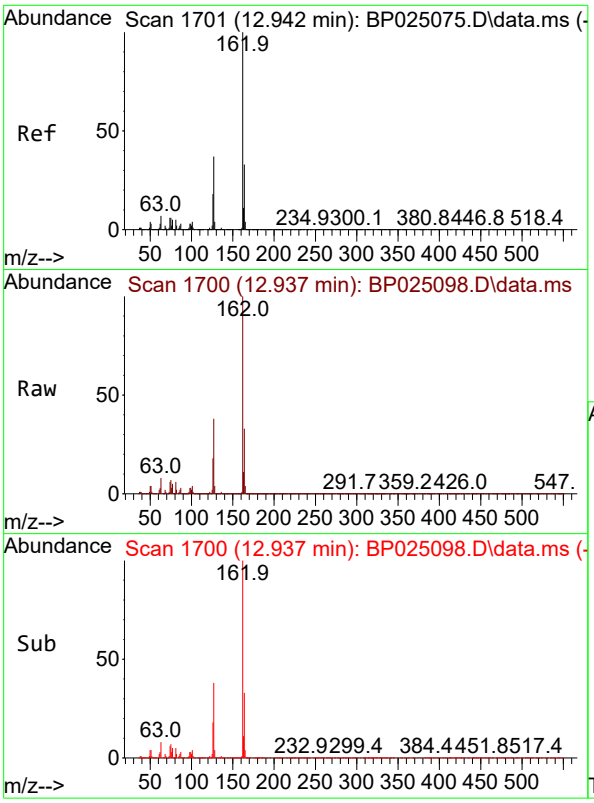


#46
1,1'-Biphenyl
Concen: 37.415 ng
RT: 12.901 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:154 Resp: 2920645

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	11.1	0.0	31.5

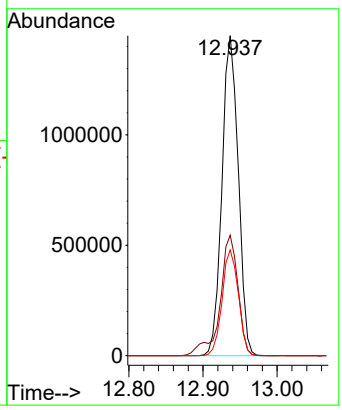




#47
2-Chloronaphthalene
Concen: 37.701 ng
RT: 12.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:162 Resp: 221196

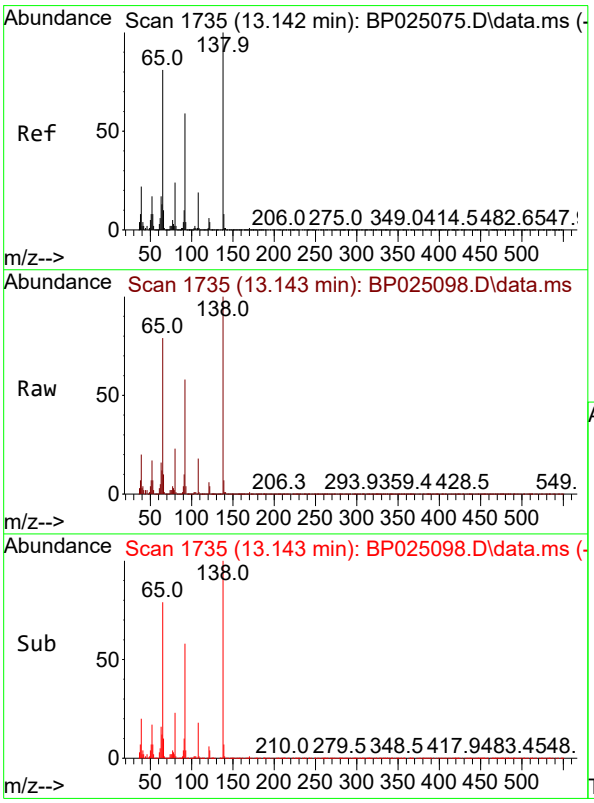
Ion	Ratio	Lower	Upper
162	100		
127	37.6	29.4	44.2
164	33.0	26.4	39.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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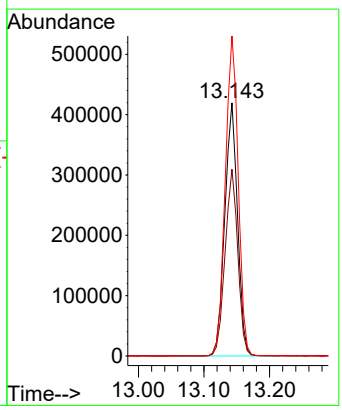
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

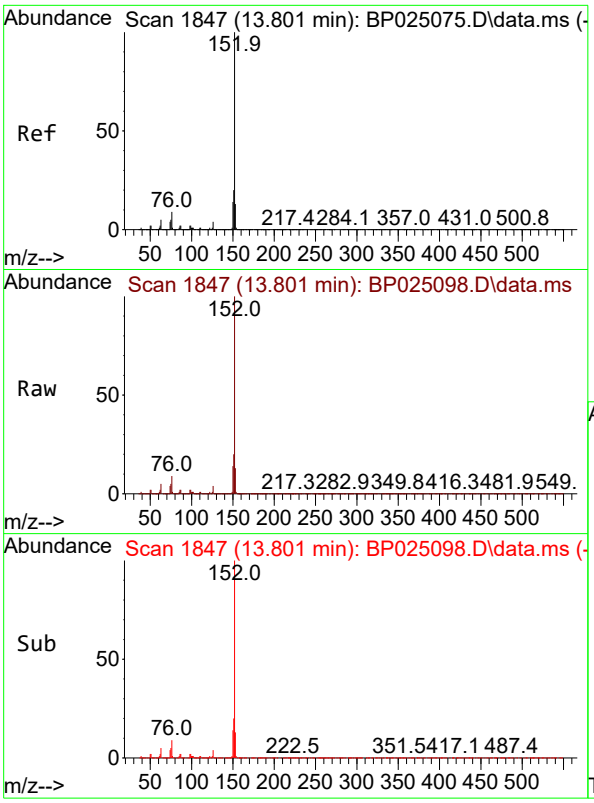


#48
2-Nitroaniline
Concen: 39.793 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion: 65 Resp: 564702

Ion	Ratio	Lower	Upper
65	100		
92	73.8	58.7	88.1
138	126.4	99.0	148.4





#49
Acenaphthylene
Concen: 37.730 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

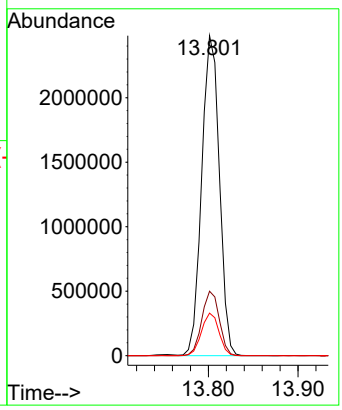
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

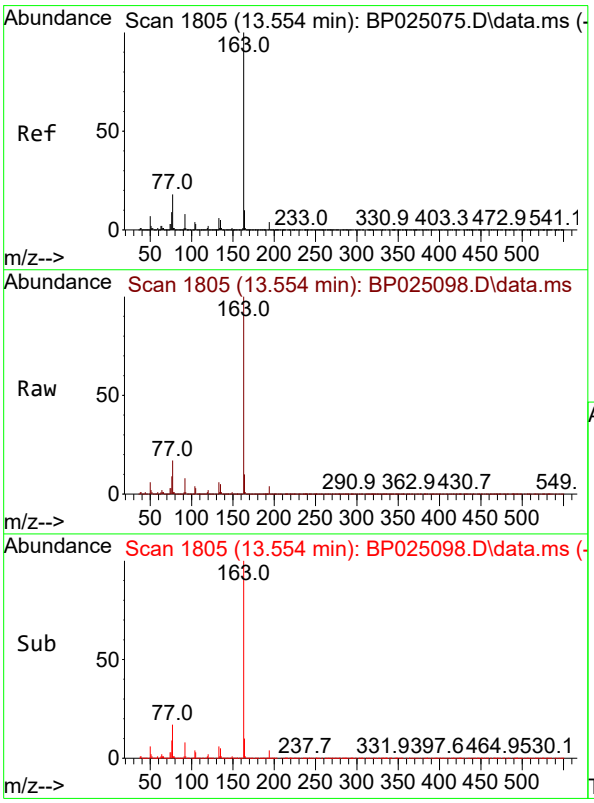
Tgt Ion:152 Resp: 338807

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.3	10.7	16.1

Manual Integrations
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Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

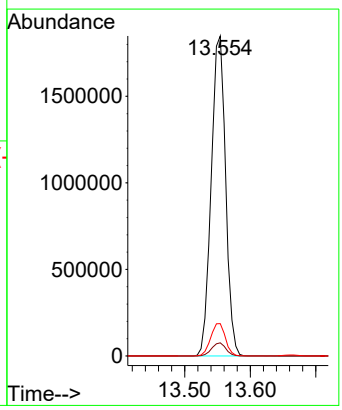


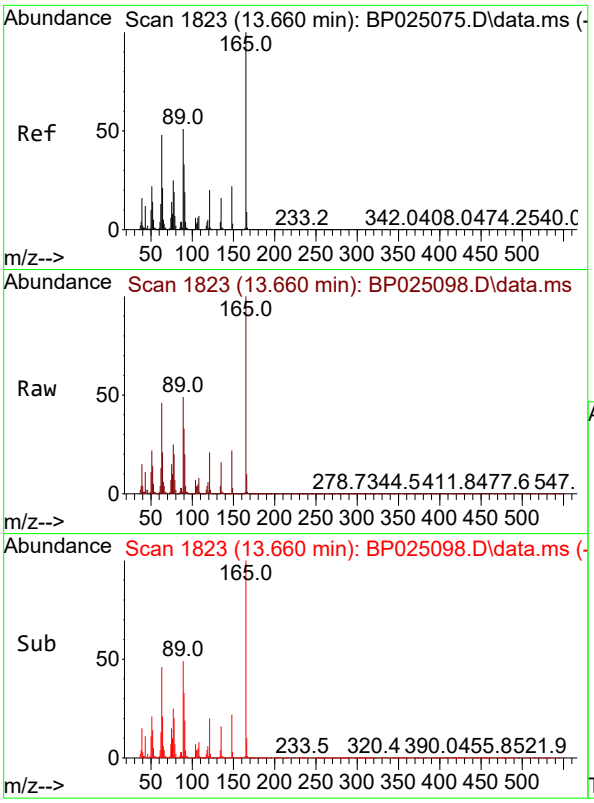


#50
Dimethylphthalate
Concen: 37.463 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:163 Resp: 2813488

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 41.352 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

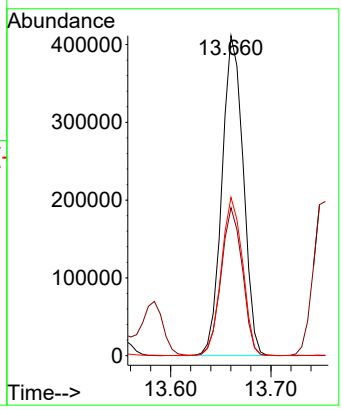
Tgt Ion:165 Resp: 60567

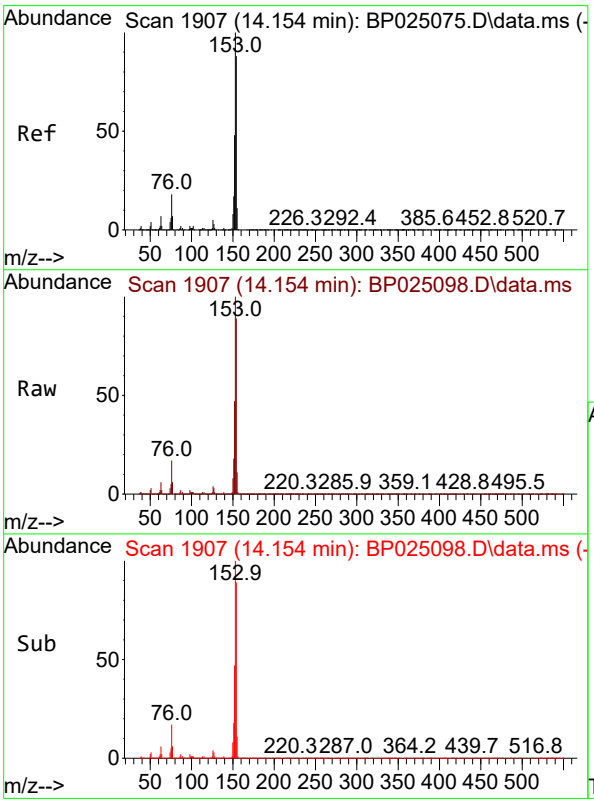
Ion	Ratio	Lower	Upper
165	100		
63	46.3	38.5	57.7
89	49.4	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

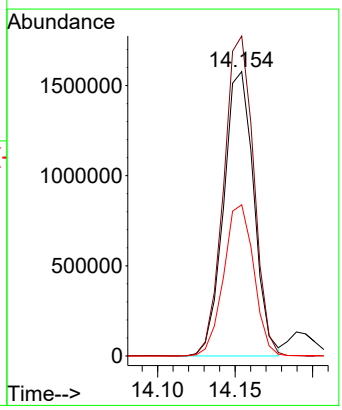


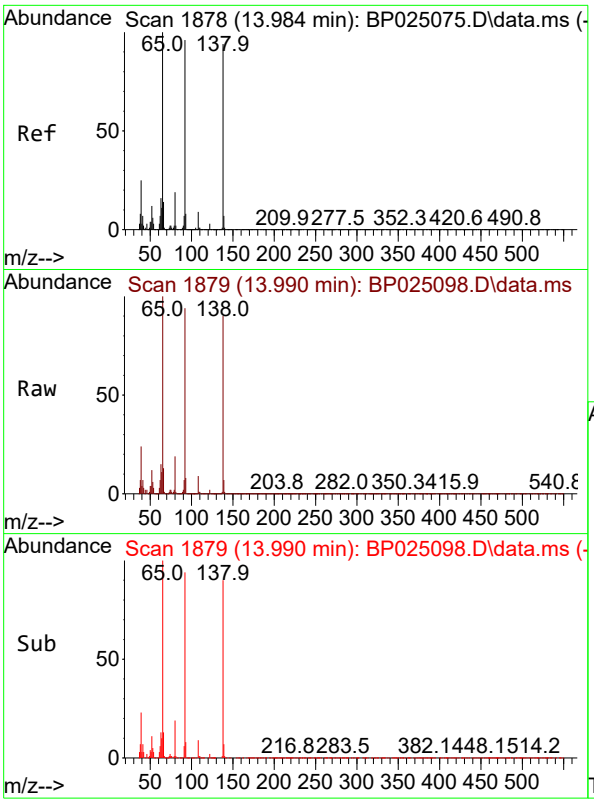


#52
Acenaphthene
Concen: 36.832 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:154 Resp: 2131757

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.6	136.0
152	53.2	43.8	65.8





#53
3-Nitroaniline
Concen: 42.808 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

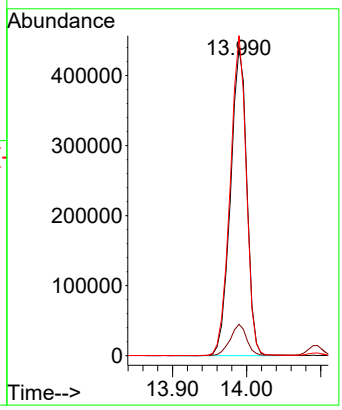
Tgt Ion:138 Resp: 67195

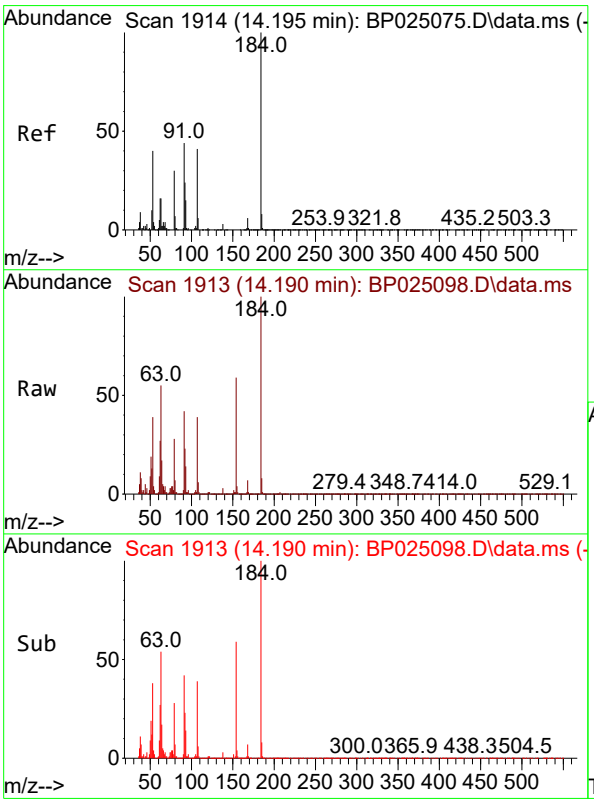
Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.8	11.8
92	104.0	81.0	121.4

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

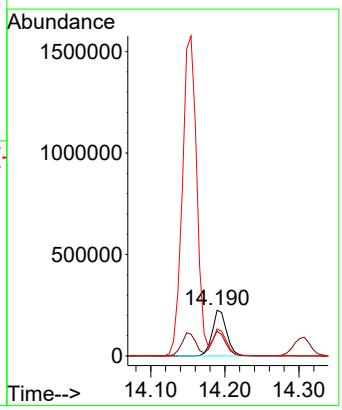


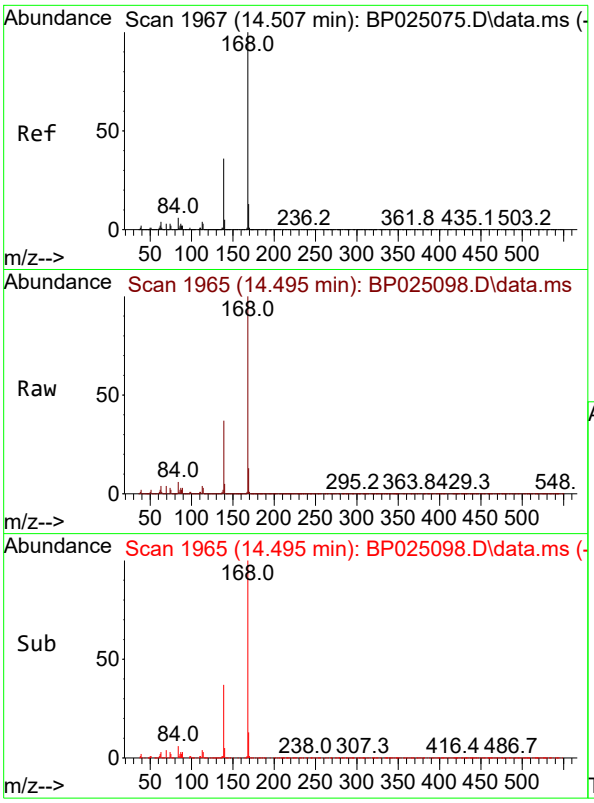


#54
2,4-Dinitrophenol
Concen: 44.919 ng
RT: 14.190 min Scan# 1913
Delta R.T. -0.005 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:184 Resp: 303417

Ion	Ratio	Lower	Upper
184	100		
63	54.5	47.4	71.0
154	59.0	47.8	71.8





#55
Dibenzofuran
Concen: 36.491 ng
RT: 14.495 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

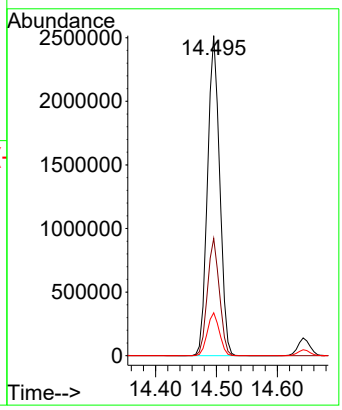
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

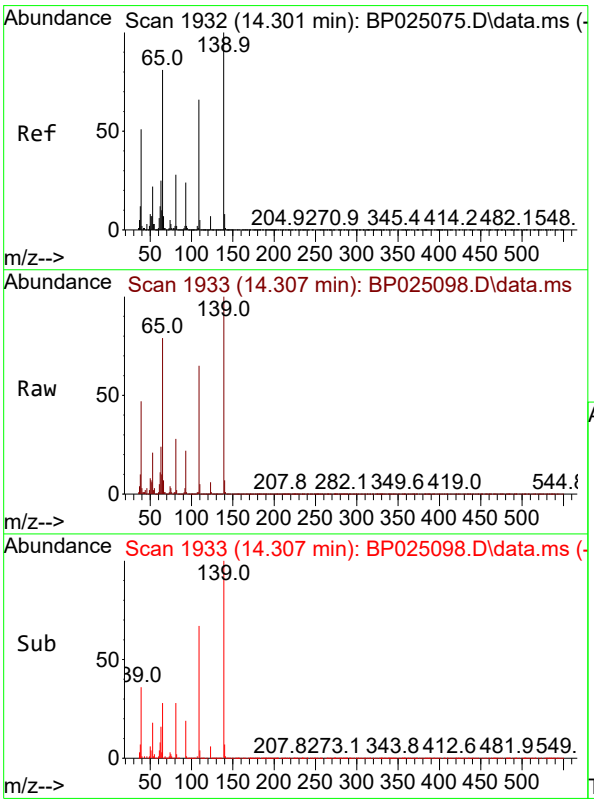
Tgt Ion:168 Resp: 348549

Ion	Ratio	Lower	Upper
168	100		
139	36.7	28.6	43.0
169	13.4	10.7	16.1

Manual Integrations
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Supervised By :Jagrut Upadhyay 07/14/2025

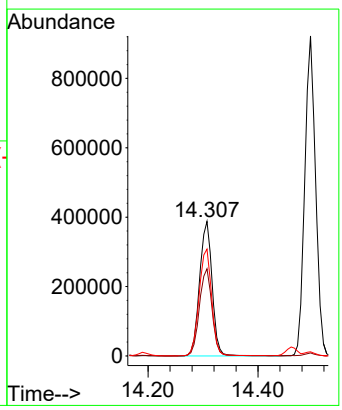


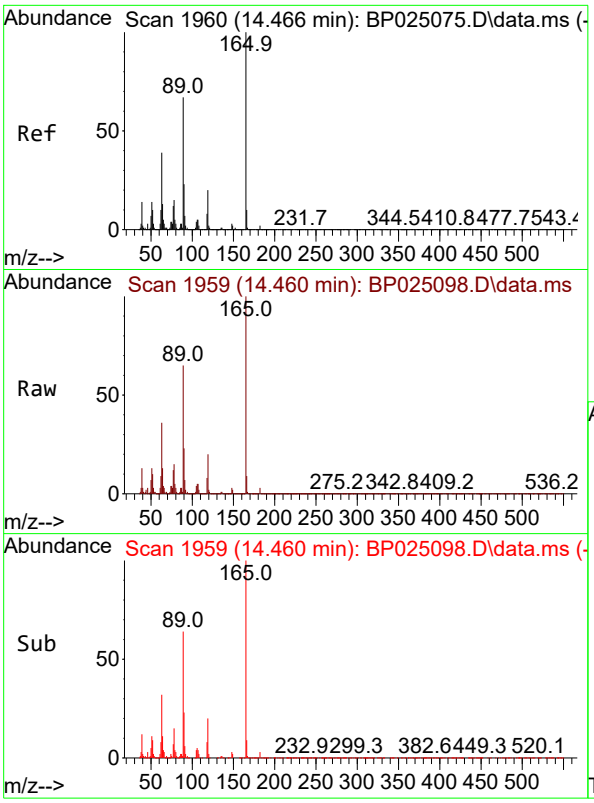


#56
4-Nitrophenol
Concen: 42.330 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:139 Resp: 613179

Ion	Ratio	Lower	Upper
139	100		
109	64.9	45.9	85.9
65	79.5	61.4	101.4

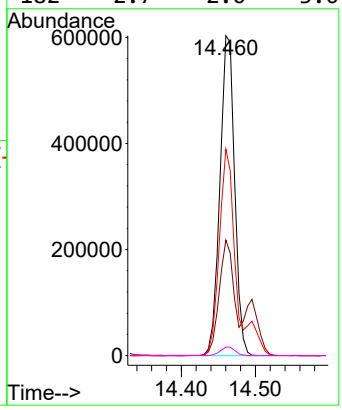




#57
2,4-Dinitrotoluene
Concen: 39.193 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:165 Resp: 83150

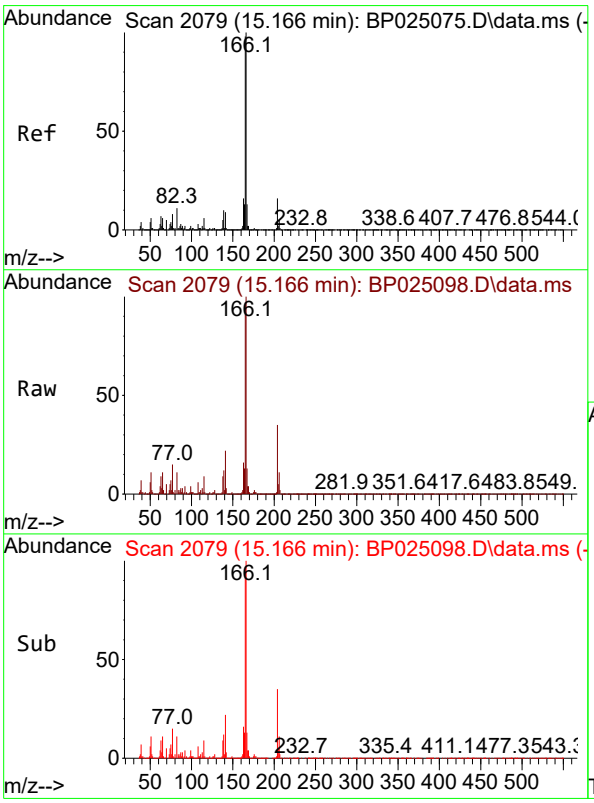
Ion	Ratio	Lower	Upper
165	100		
63	36.2	31.0	46.4
89	64.6	53.4	80.0
182	2.7	2.0	3.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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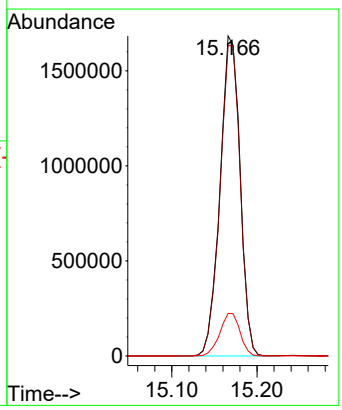
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

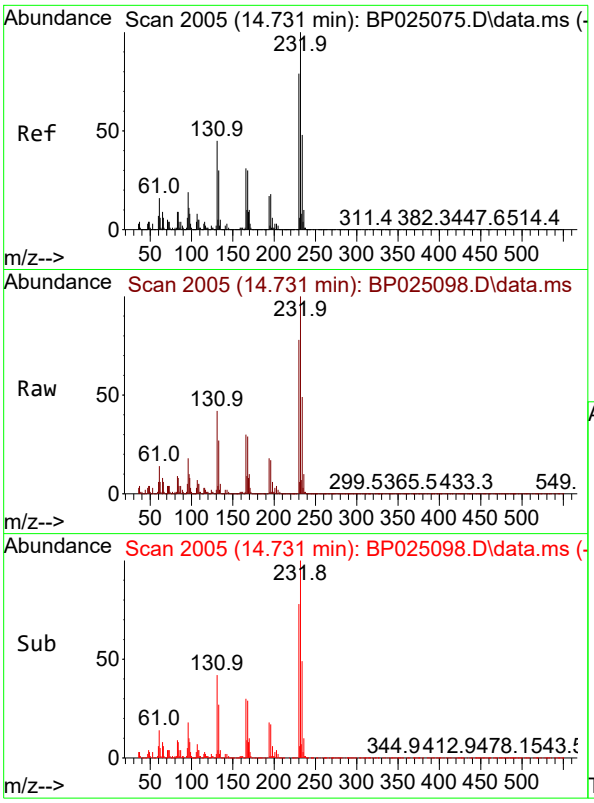


#58
Fluorene
Concen: 37.301 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:166 Resp: 2755786

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	13.3	10.7	16.1

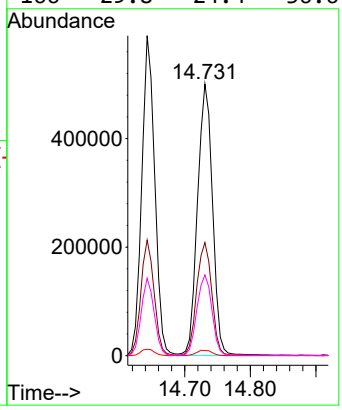




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.585 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:232 Resp: 79681

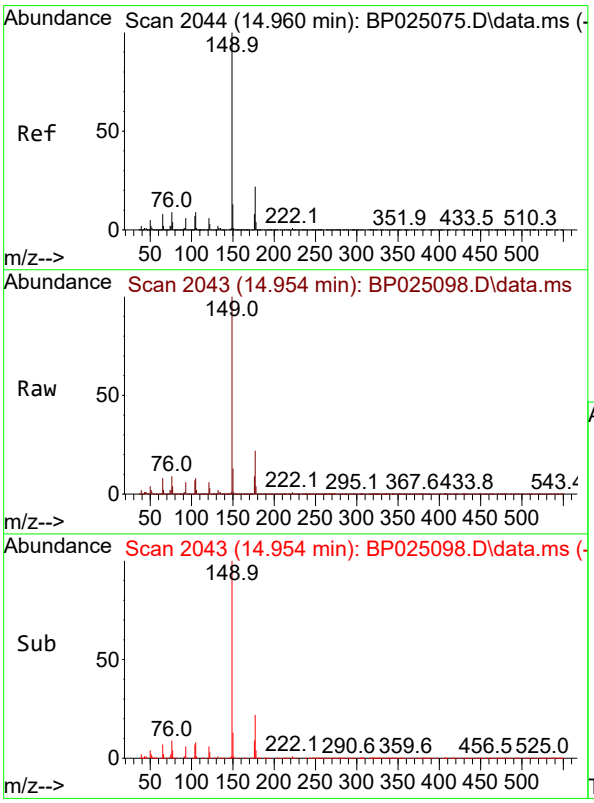
Ion	Ratio	Lower	Upper
232	100		
131	41.9	35.7	53.5
130	2.1	1.8	2.6
166	29.8	24.4	36.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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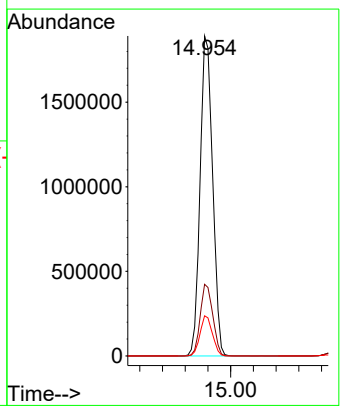
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

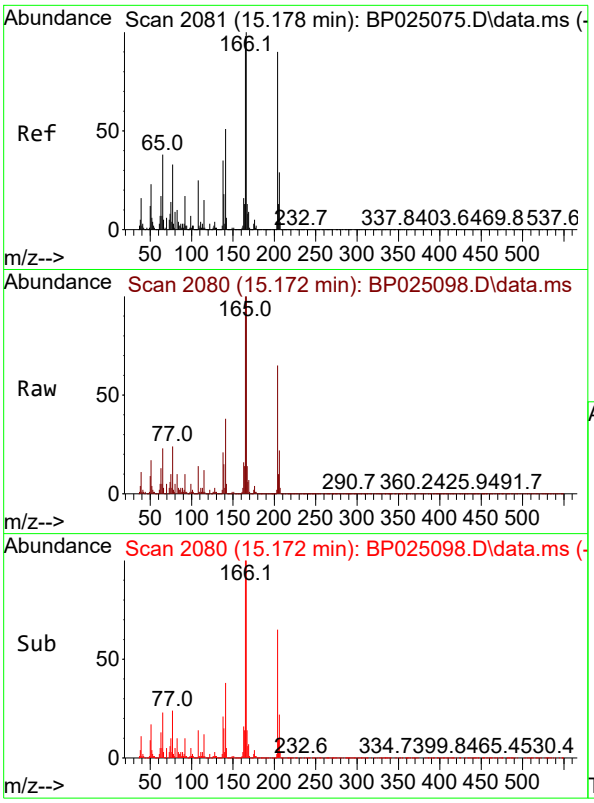


#60
Diethylphthalate
Concen: 38.312 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:149 Resp: 2889845

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.8	26.8
150	12.6	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.060 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

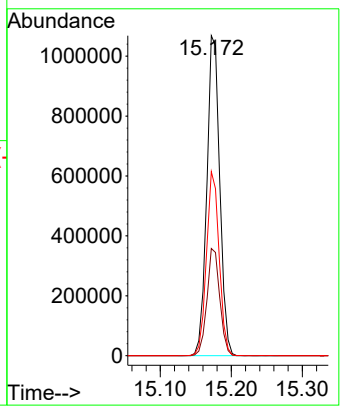
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

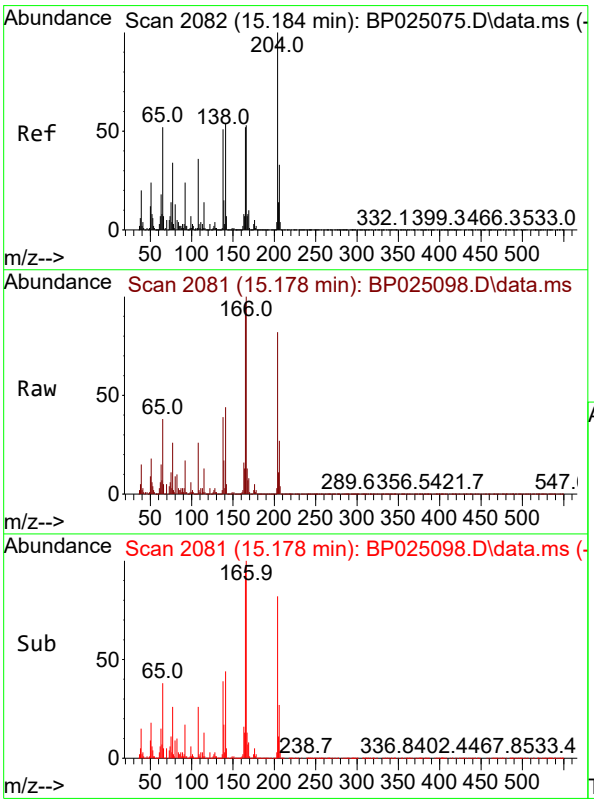
Tgt Ion:204 Resp: 135497

Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.8	38.6
141	57.5	45.1	67.7

Manual Integrations
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Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

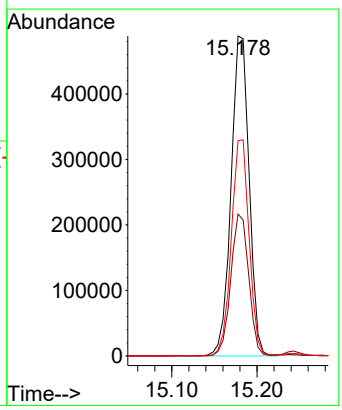


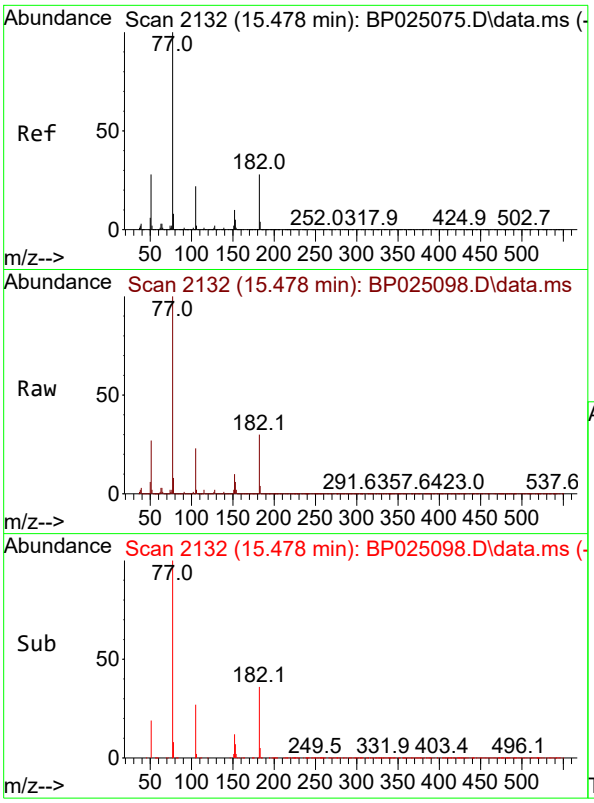


#62
4-Nitroaniline
Concen: 43.694 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:138 Resp: 719170

Ion	Ratio	Lower	Upper
138	100		
92	44.4	26.0	66.0
108	67.3	50.0	90.0





#63
Azobenzene
Concen: 36.595 ng
RT: 15.478 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

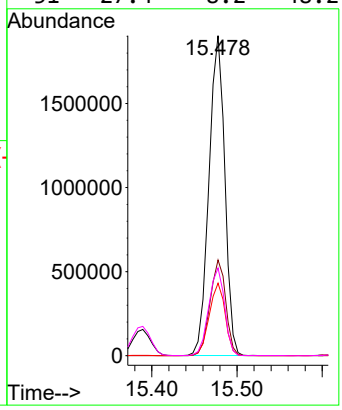
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

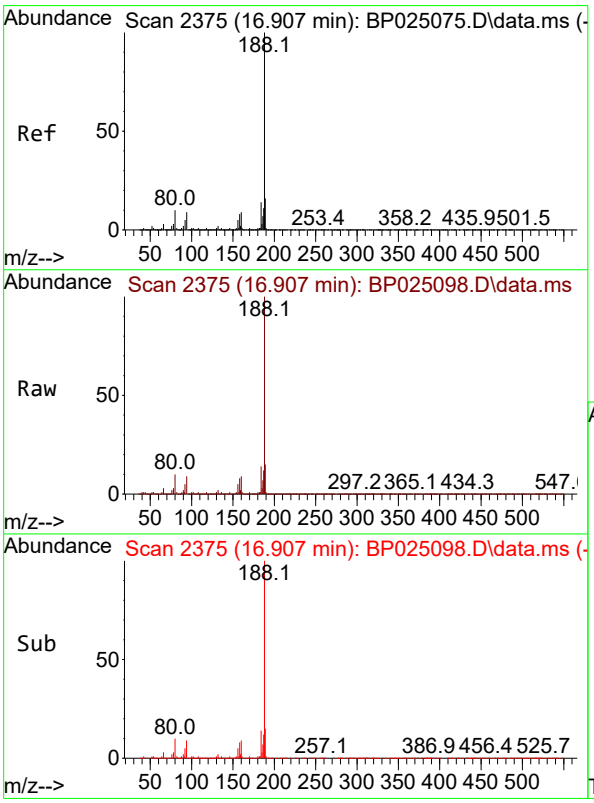
Tgt Ion: 77 Resp: 245803

Ion	Ratio	Lower	Upper
77	100		
182	29.9	7.7	47.7
105	22.7	1.9	41.9
51	27.4	8.2	48.2

Manual Integrations
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Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

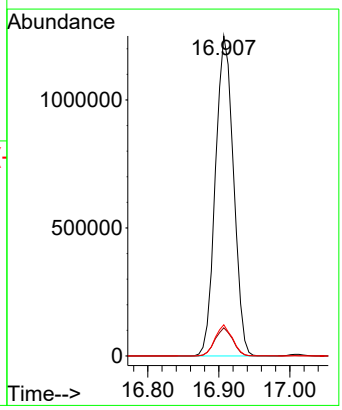


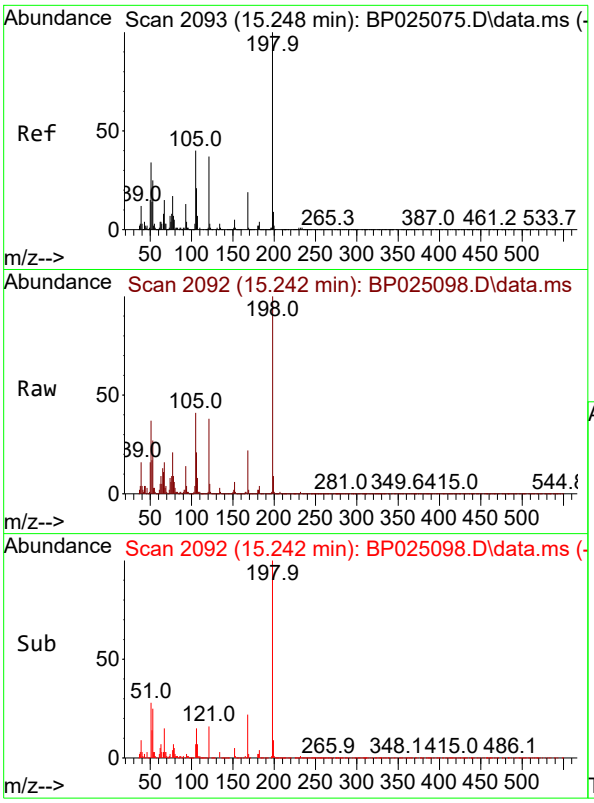


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:188 Resp: 2205219

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.3	10.9
80	9.8	7.8	11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 43.392 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

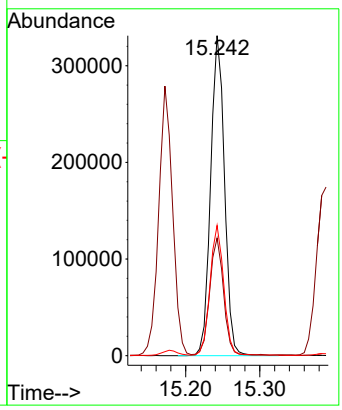
Tgt Ion:198 Resp: 42936

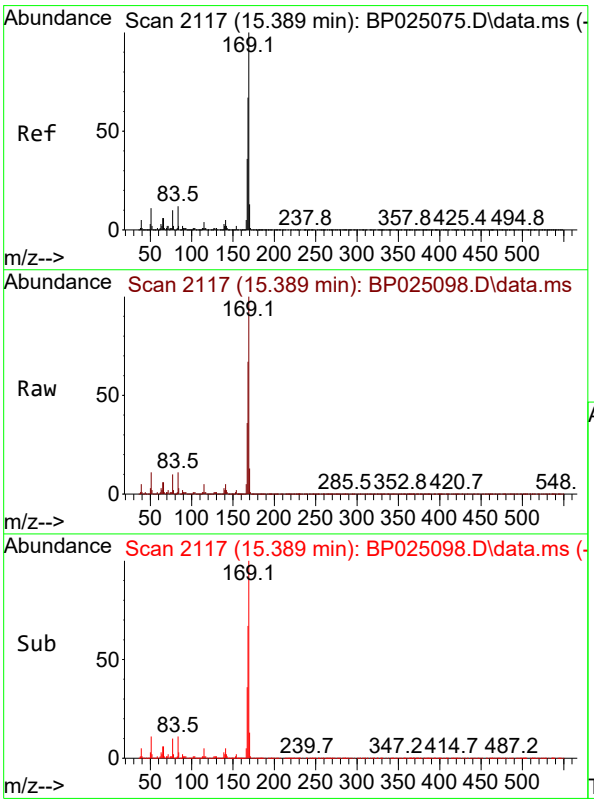
Ion	Ratio	Lower	Upper
198	100		
51	36.7	16.8	56.8
105	40.7	20.8	60.8

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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Supervised By :Jagrut Upadhyay 07/14/2025

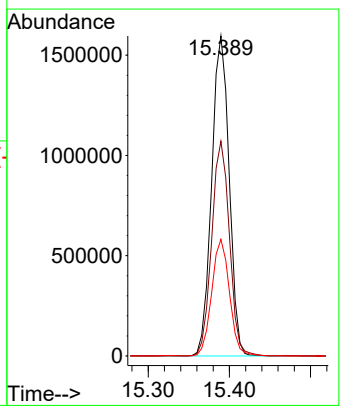


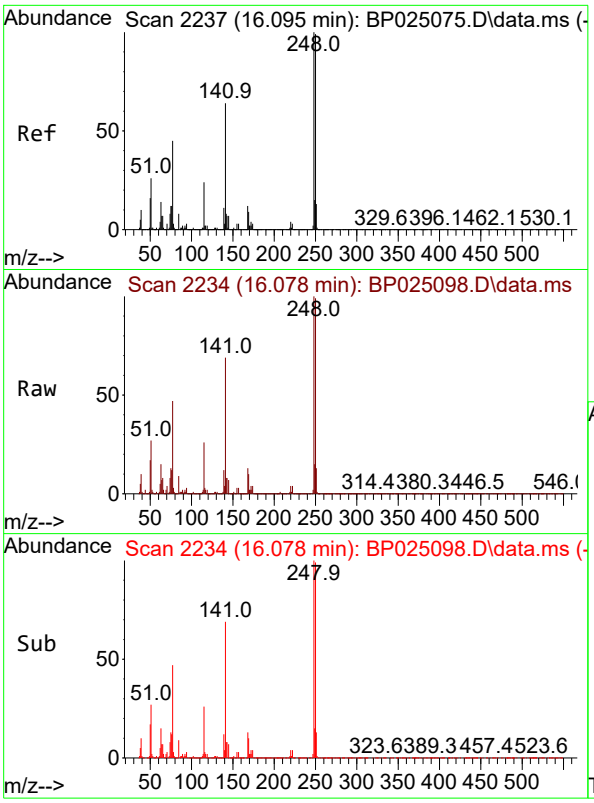


#66
n-Nitrosodiphenylamine
Concen: 37.785 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:169 Resp: 2384609

Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.1	81.1
167	36.4	29.0	43.6

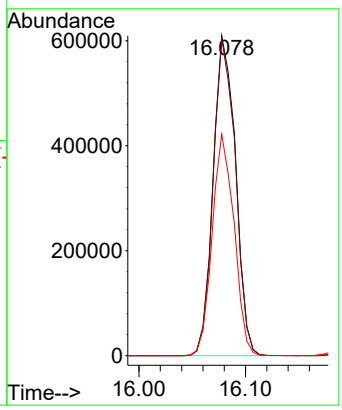




#67
4-Bromophenyl-phenylether
Concen: 39.384 ng
RT: 16.078 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:248 Resp: 88926

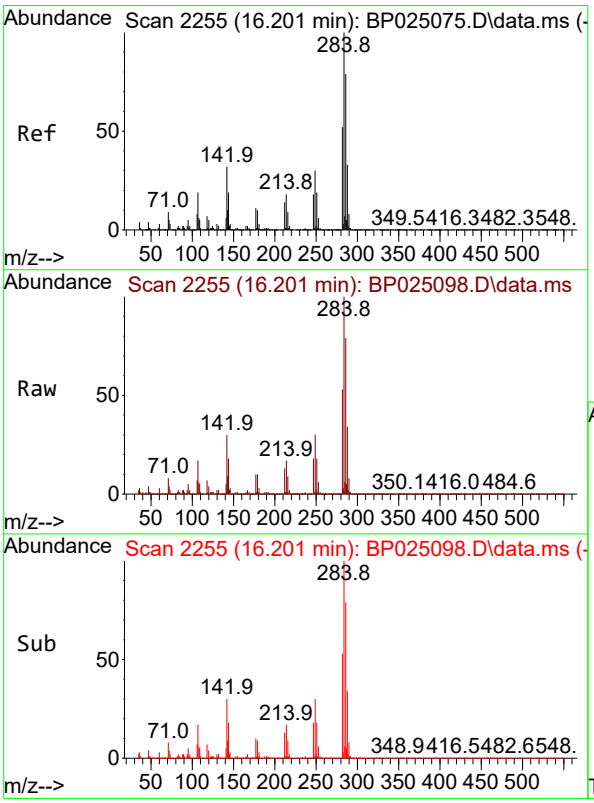
Ion	Ratio	Lower	Upper
248	100		
250	99.1	79.4	119.2
141	69.2	51.4	77.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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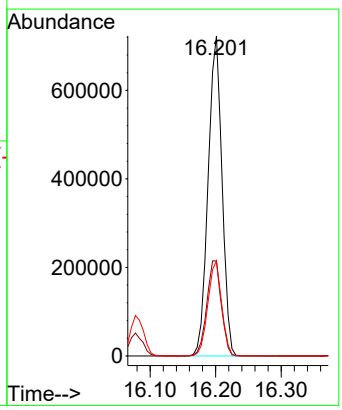
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

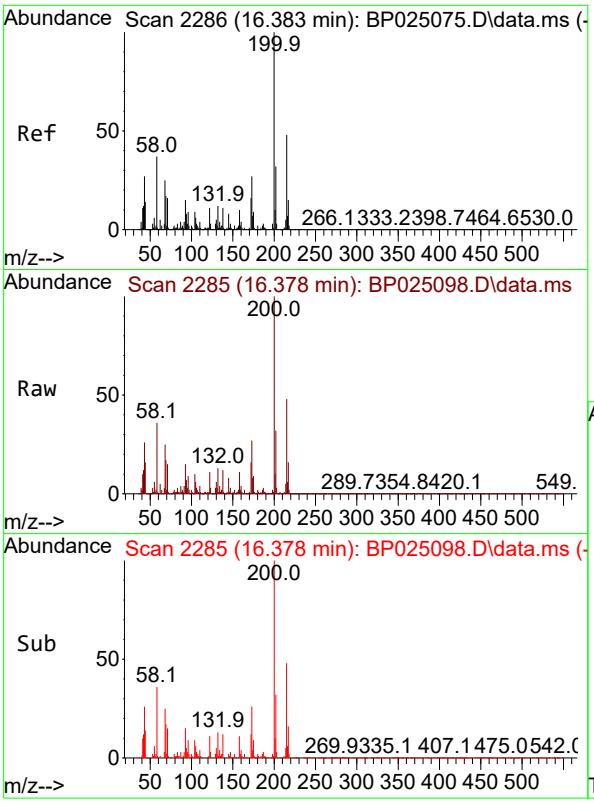


#68
Hexachlorobenzene
Concen: 38.550 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:284 Resp: 1063903

Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.9	38.9
249	29.8	23.8	35.8





#69
Atrazine
Concen: 37.000 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

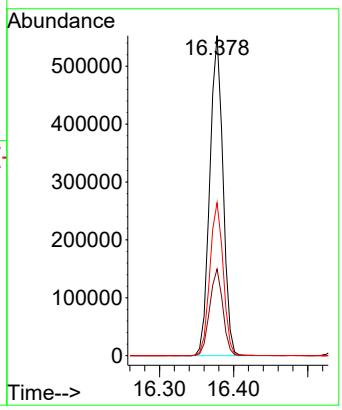
Tgt Ion:200 Resp: 68425

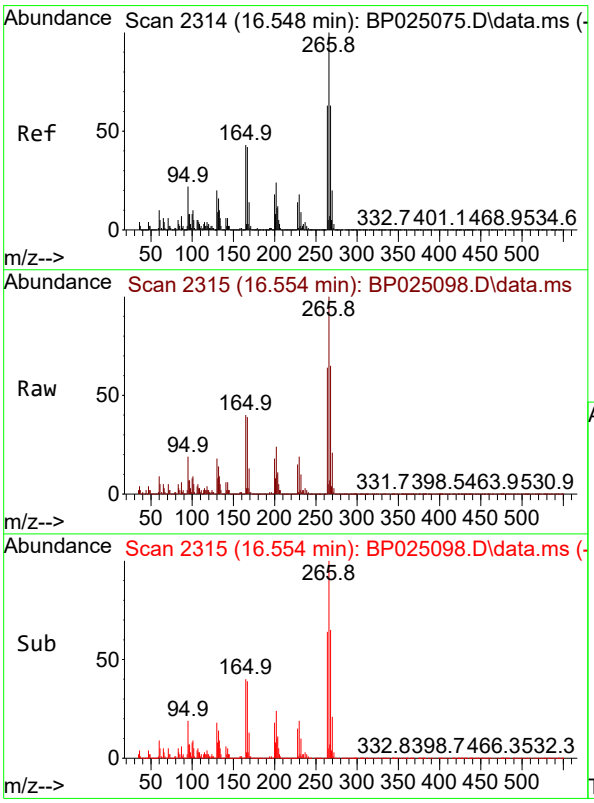
Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	47.8	28.0	68.0

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

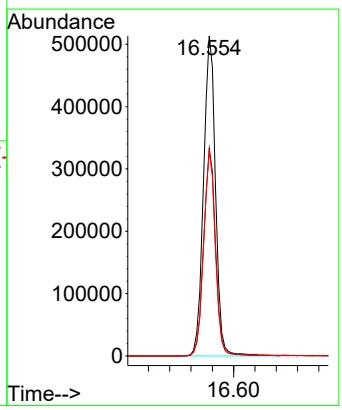


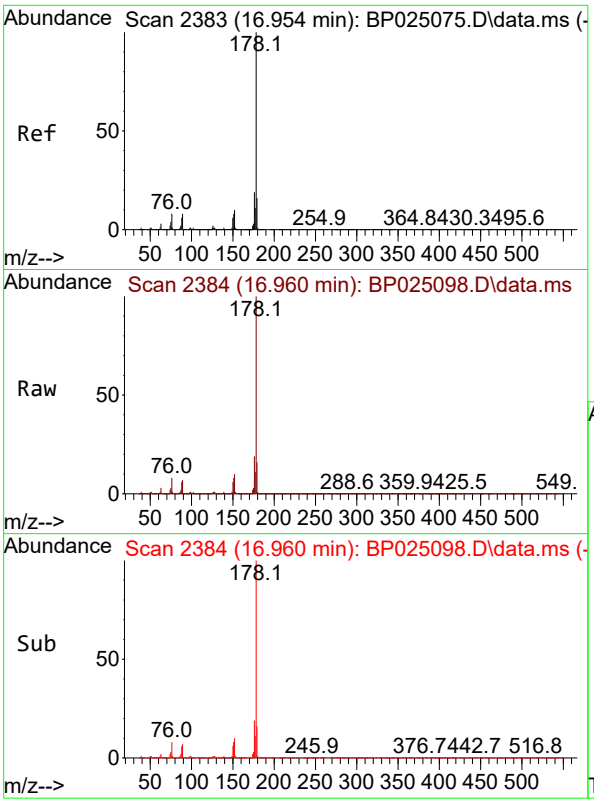


#70
Pentachlorophenol
Concen: 43.089 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:266 Resp: 803101

Ion	Ratio	Lower	Upper
266	100		
268	65.0	50.4	75.6
264	64.1	50.2	75.2

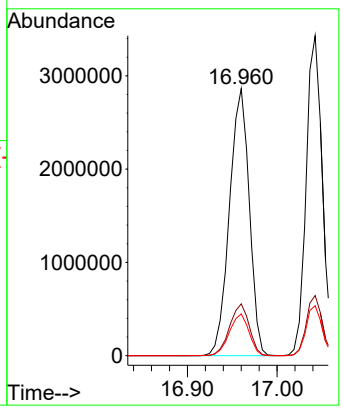




#71
Phenanthrene
Concen: 37.281 ng
RT: 16.960 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:178 Resp: 439293

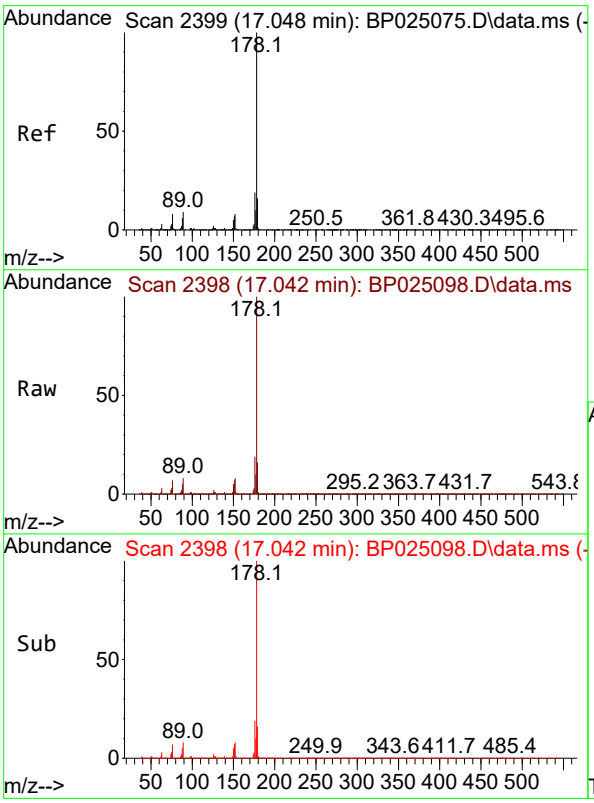
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.6	19.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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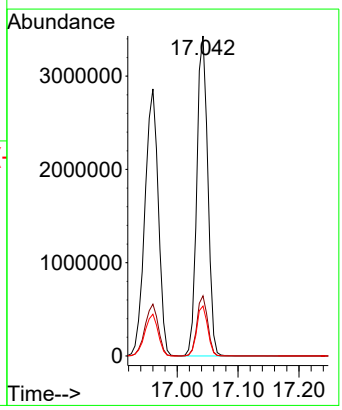
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

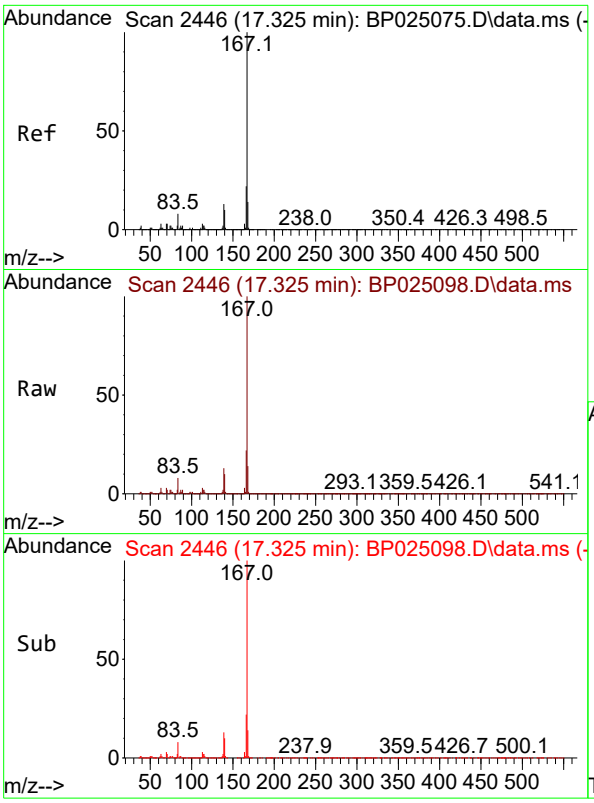


#72
Anthracene
Concen: 37.778 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:178 Resp: 4270702

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.5	18.7

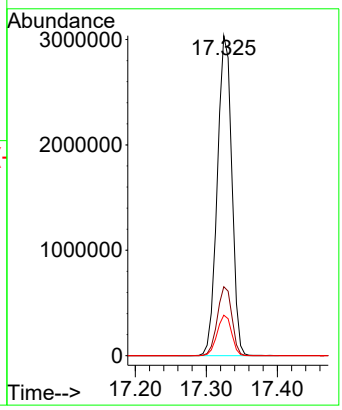




#73
Carbazole
Concen: 38.676 ng
RT: 17.325 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:167 Resp: 427495

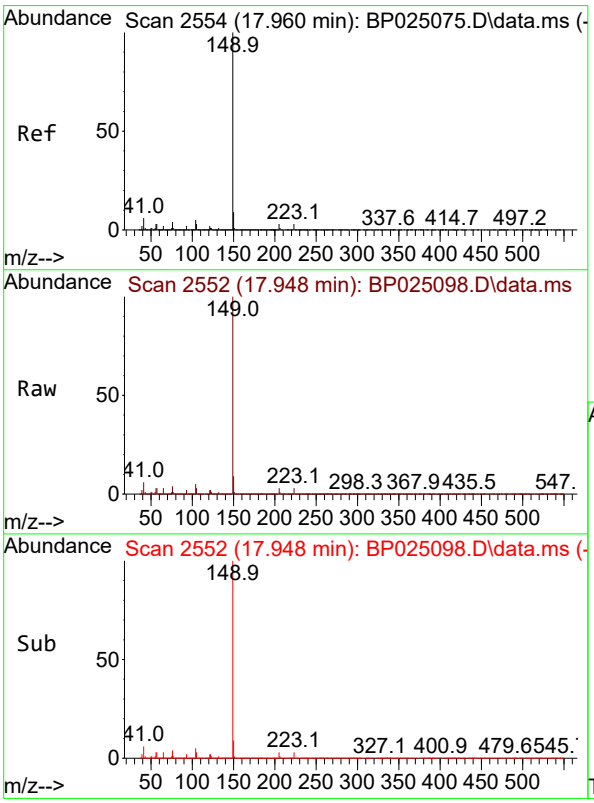
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.7	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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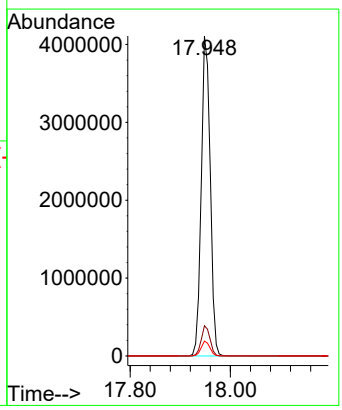
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

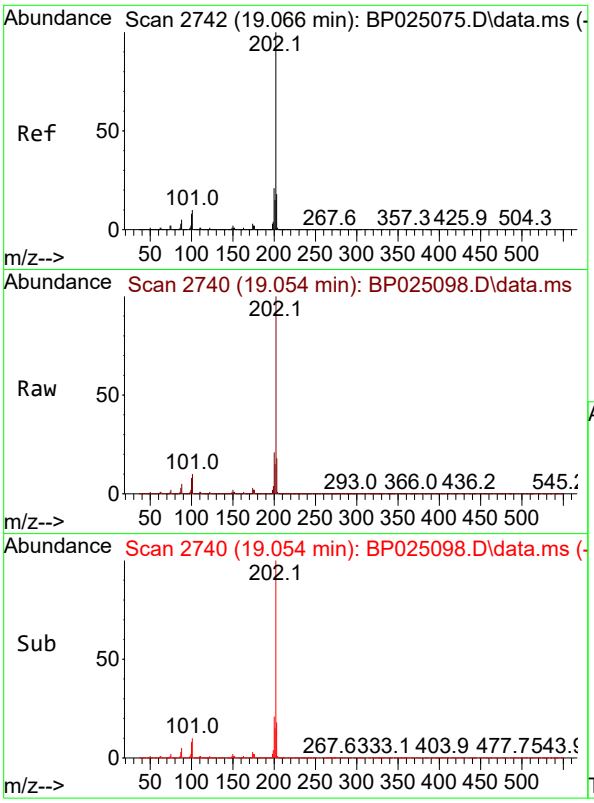


#74
Di-n-butylphthalate
Concen: 41.410 ng
RT: 17.948 min Scan# 2552
Delta R.T. -0.012 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:149 Resp: 5096925

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.7	3.8	5.6





#75
Fluoranthene
Concen: 39.386 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

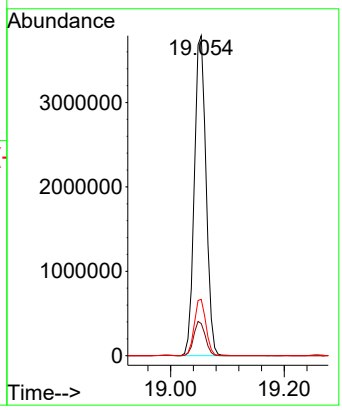
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

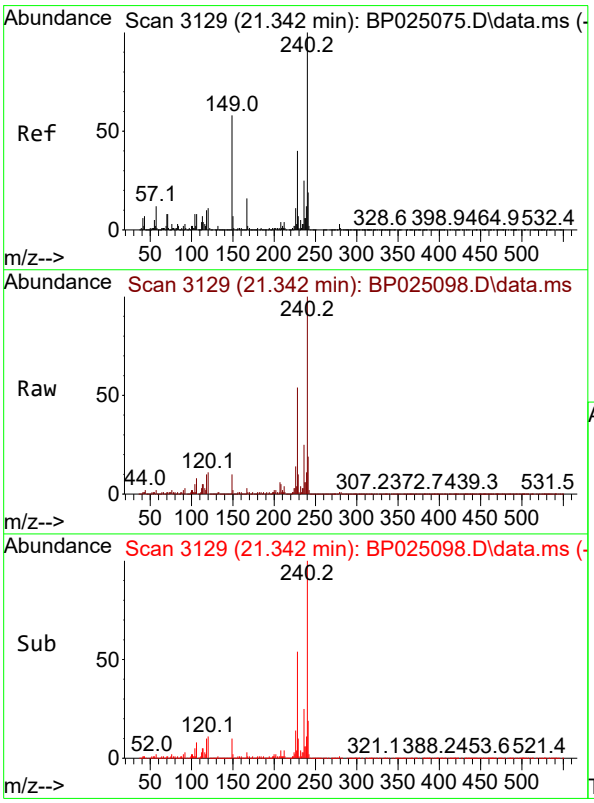
Tgt Ion:202 Resp: 542490

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.4
203	17.6	0.0	37.6

Manual Integrations
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Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

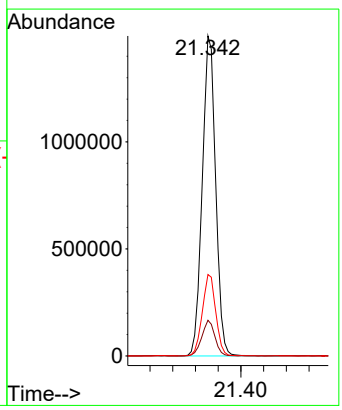


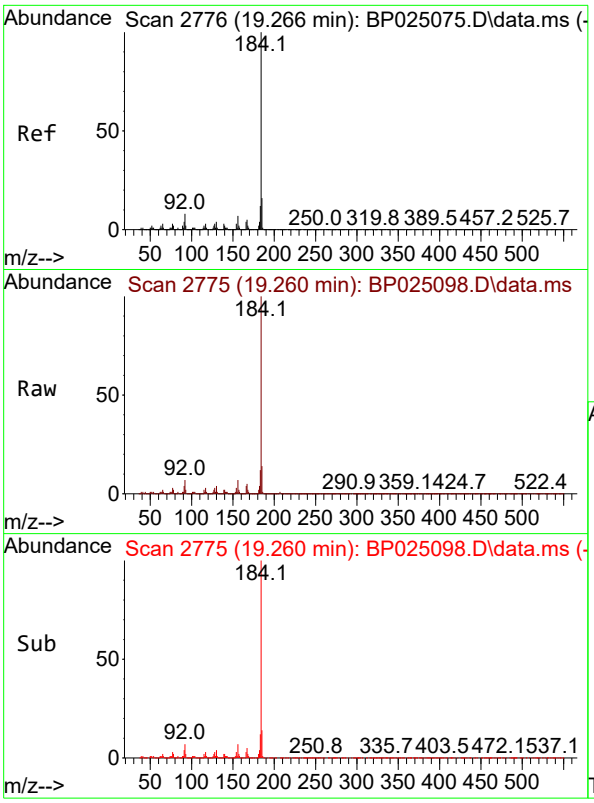


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:240 Resp: 2437724

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.4	20.3	30.5

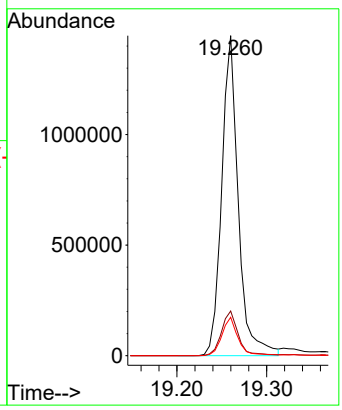




#77
Benzidine
Concen: 43.101 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:184 Resp: 185565

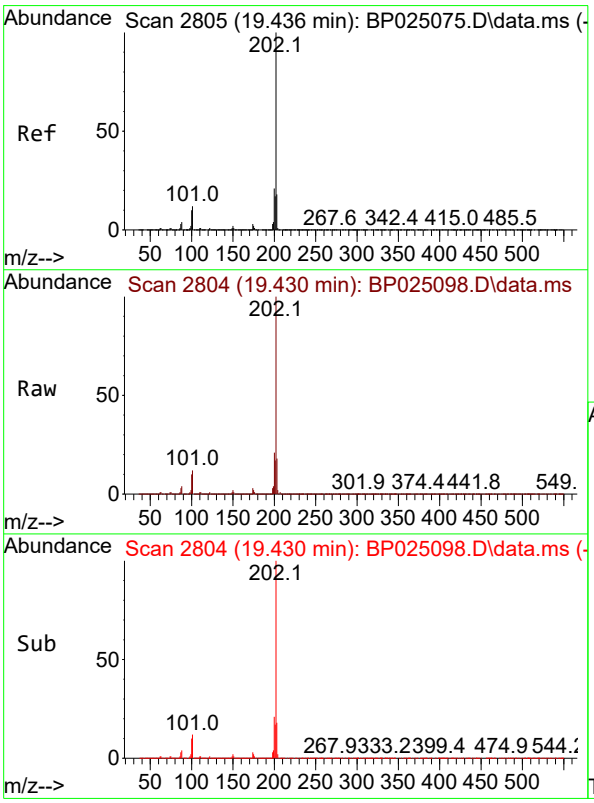
Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	12.0	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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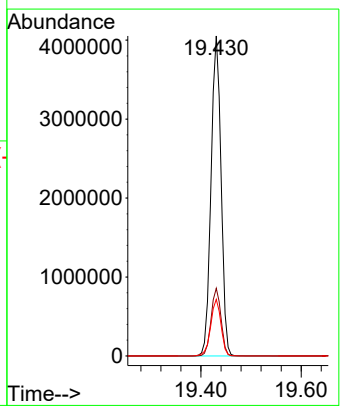
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

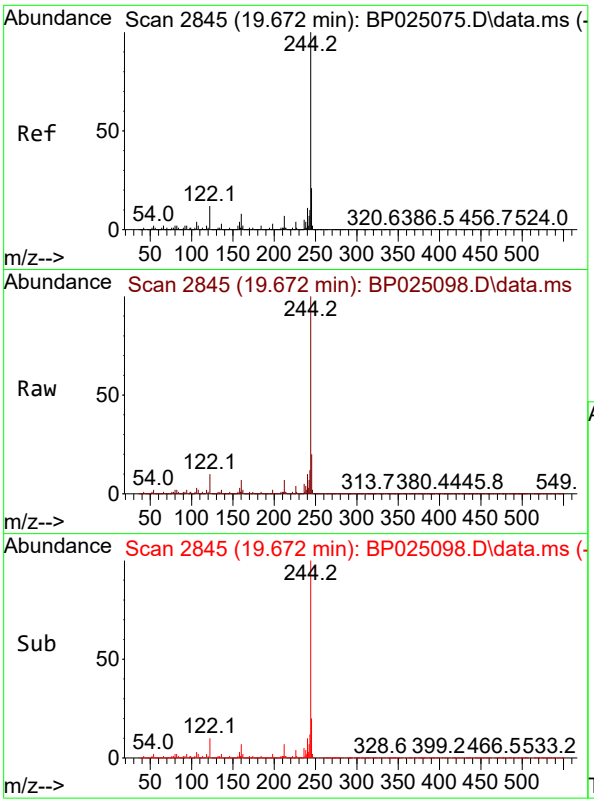


#78
Pyrene
Concen: 37.187 ng
RT: 19.430 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:202 Resp: 5614841

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.7	14.1	21.1

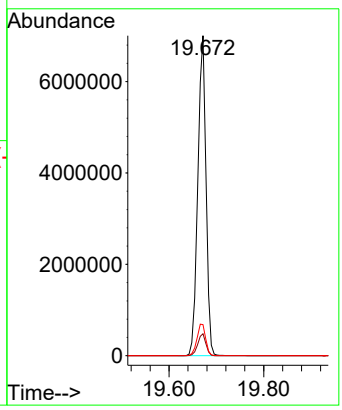




#79
Terphenyl-d14
Concen: 76.084 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:244 Resp: 843902

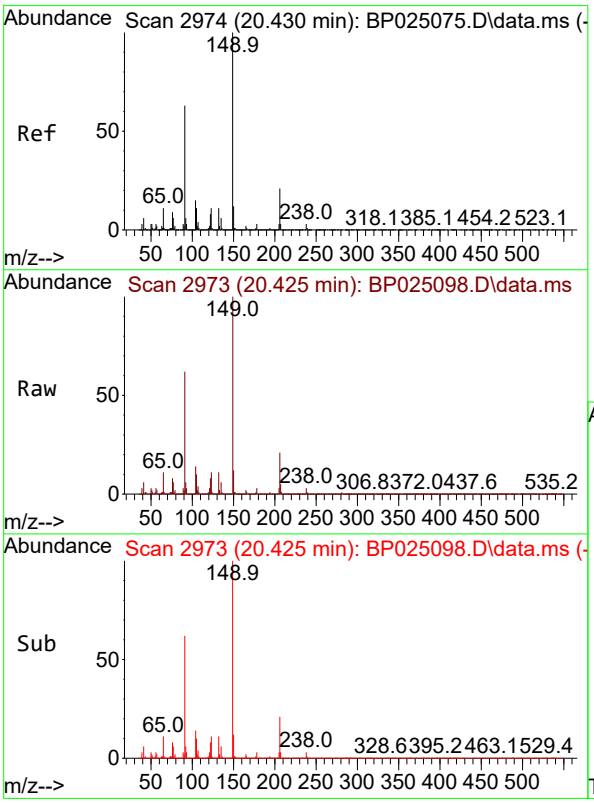
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	9.7	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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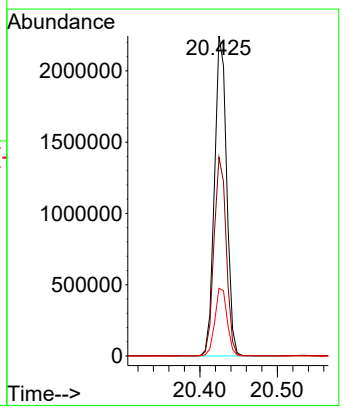
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

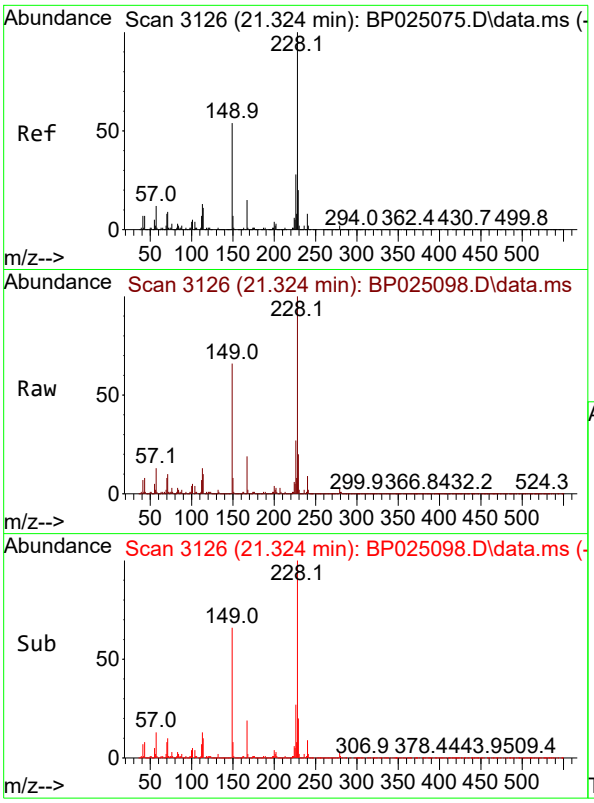


#80
Butylbenzylphthalate
Concen: 42.410 ng
RT: 20.425 min Scan# 2973
Delta R.T. -0.005 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:149 Resp: 2440094

Ion	Ratio	Lower	Upper
149	100		
91	62.1	50.6	76.0
206	21.1	17.2	25.8

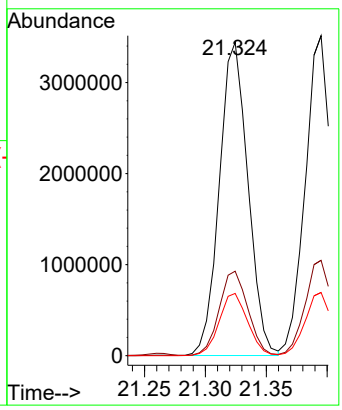




#81
Benzo(a)anthracene
Concen: 38.100 ng
RT: 21.324 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:228 Resp: 562856

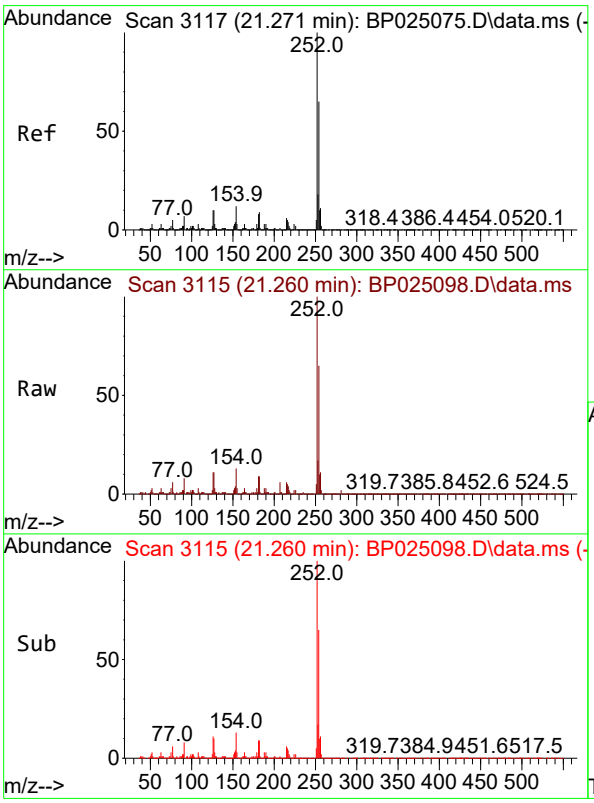
Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	19.9	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

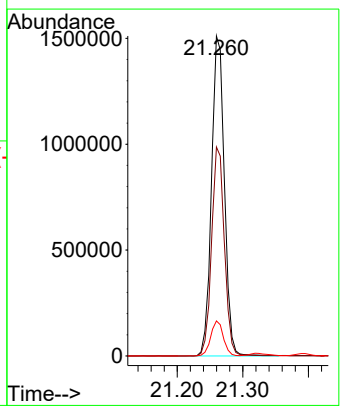
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

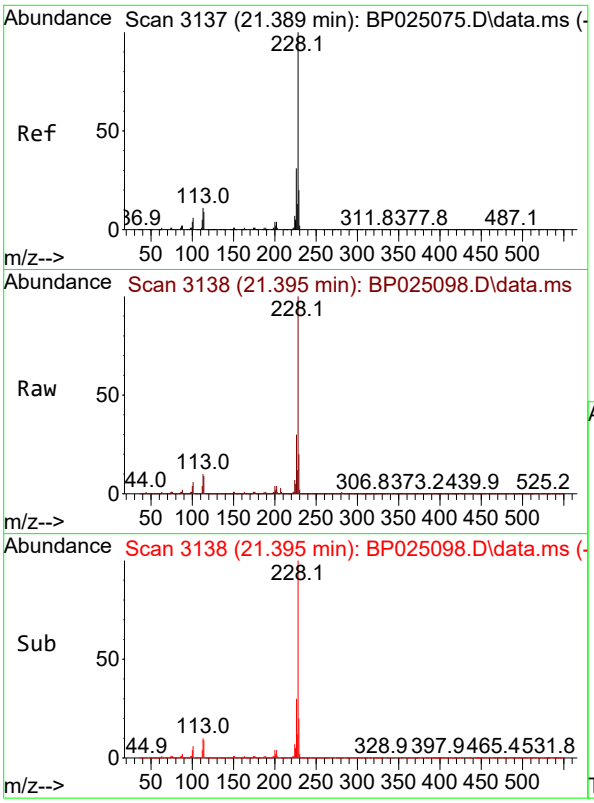


#82
3,3'-Dichlorobenzidine
Concen: 46.236 ng
RT: 21.260 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:252 Resp: 2056200

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	10.9	8.1	12.1

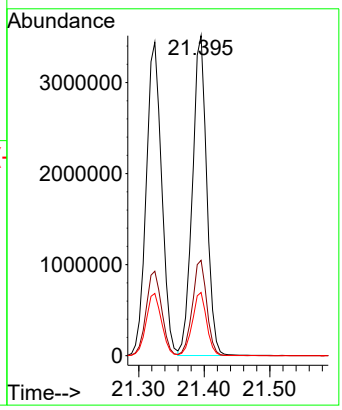




#83
Chrysene
Concen: 37.488 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:228 Resp: 532958

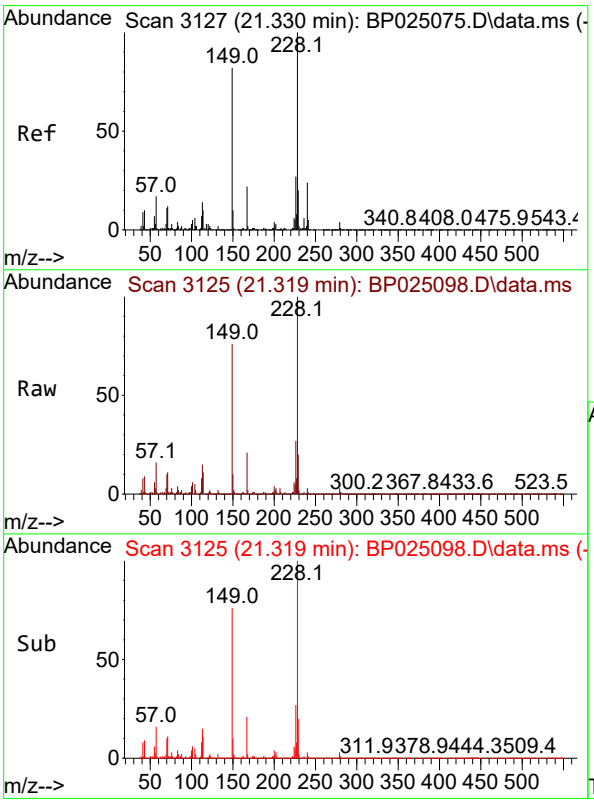
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	19.8	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

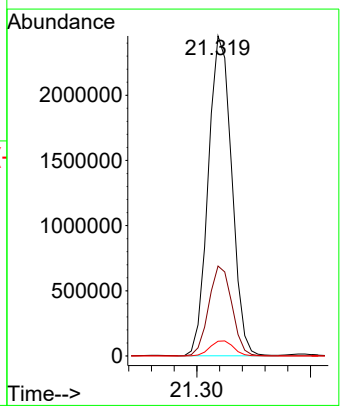
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

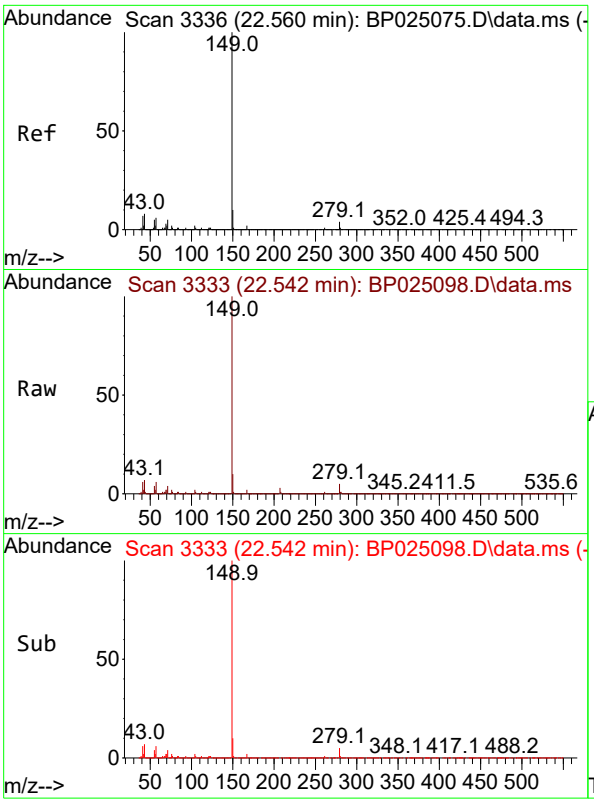


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.386 ng
RT: 21.319 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:149 Resp: 3517144

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.9	32.9
279	4.6	3.5	5.3

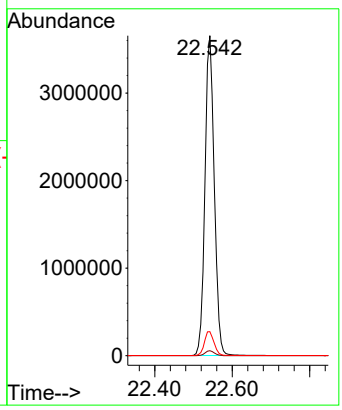




#85
Di-n-octyl phthalate
Concen: 42.656 ng
RT: 22.542 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:149 Resp: 608484

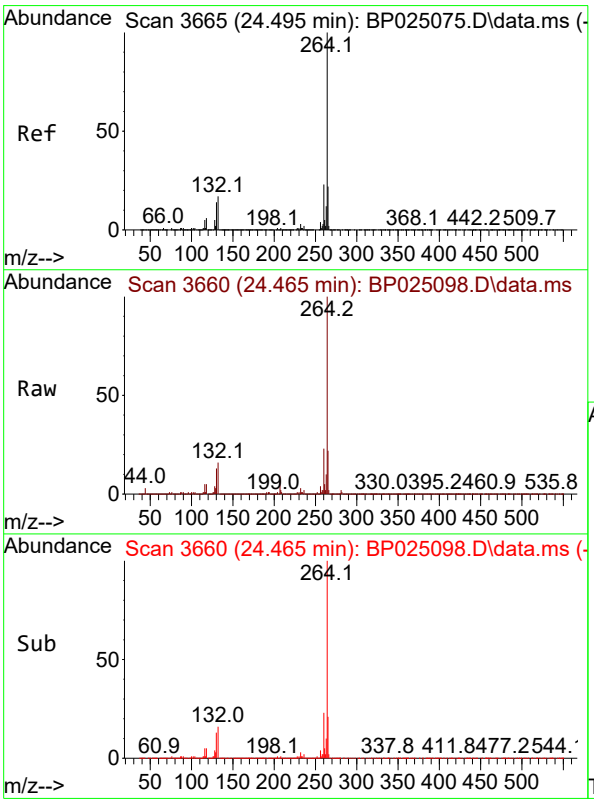
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	6.9	10.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

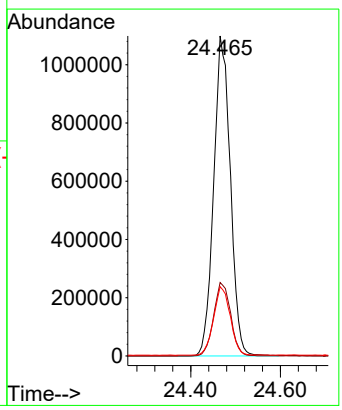
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

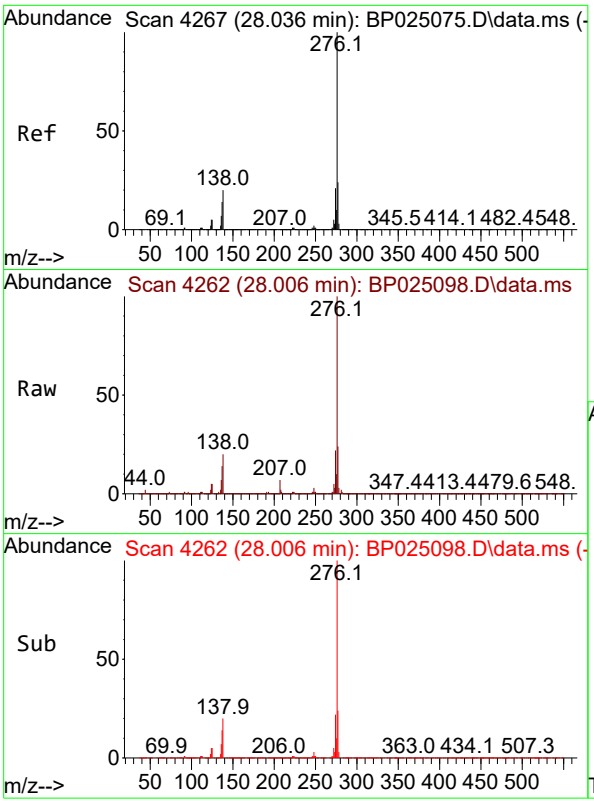


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3660
Delta R.T. -0.029 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:264 Resp: 2833277

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.7	17.7	26.5

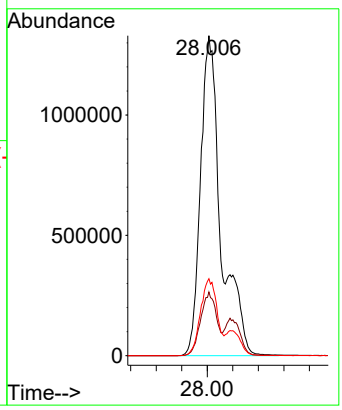




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.866 ng m
RT: 28.006 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:276 Resp: 737607

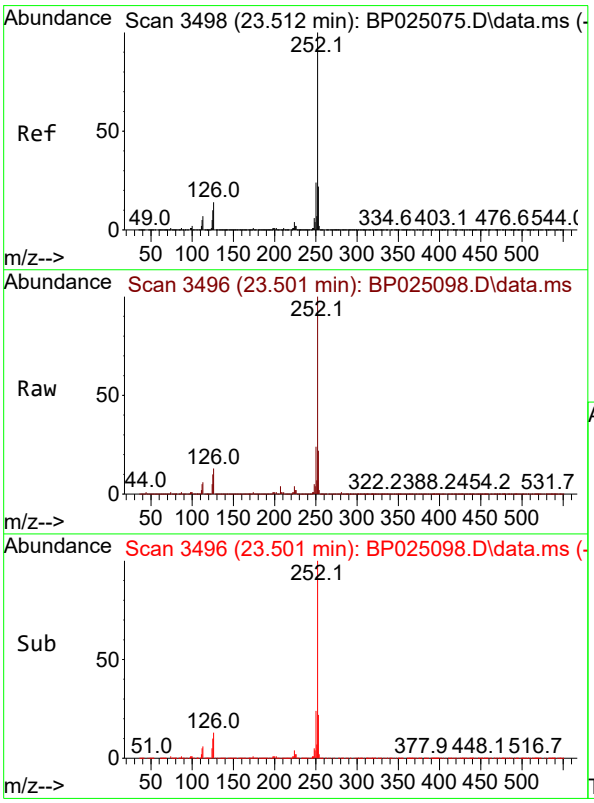
Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.0	19.6
277	19.6	15.9	23.9



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

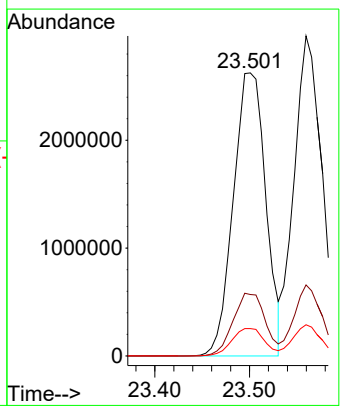
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

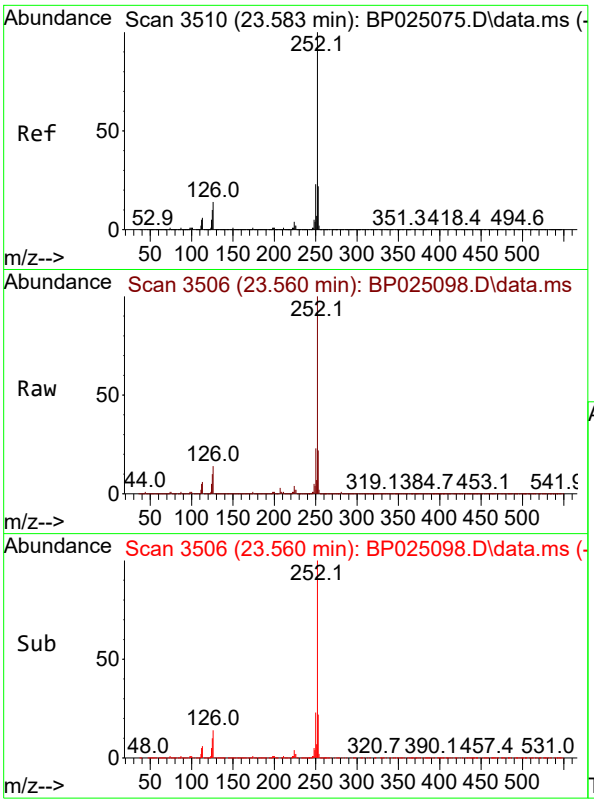


#88
Benzo(b)fluoranthene
Concen: 37.851 ng
RT: 23.501 min Scan# 3496
Delta R.T. -0.012 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:252 Resp: 6242031

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.7	8.1	12.1

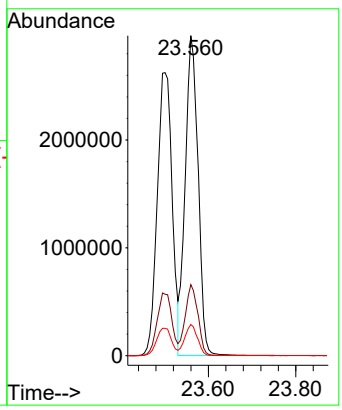




#89
Benzo(k)fluoranthene
Concen: 36.888 ng
RT: 23.560 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:252 Resp: 605279

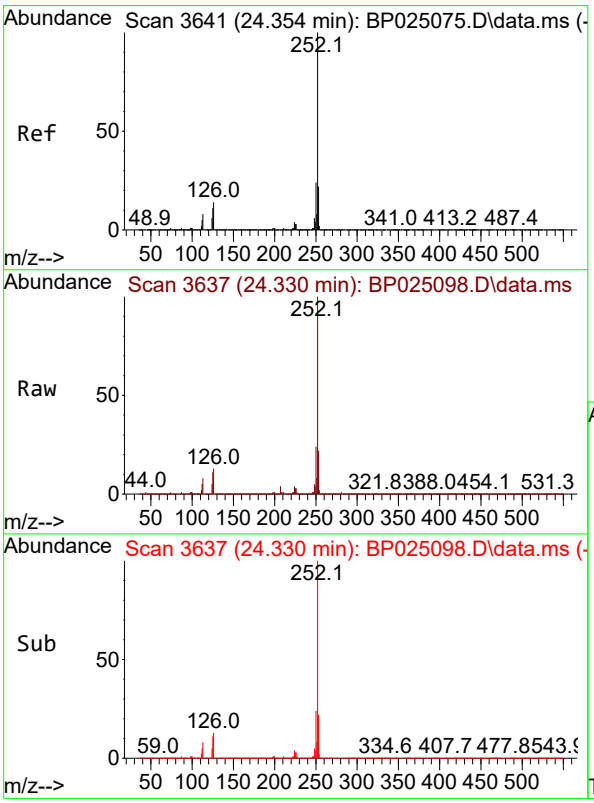
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.8	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

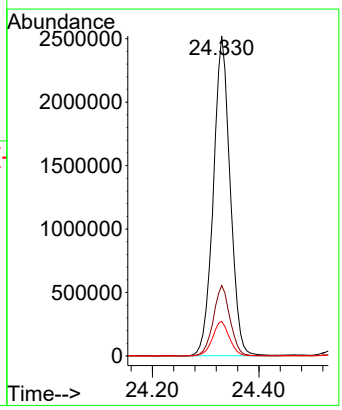
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

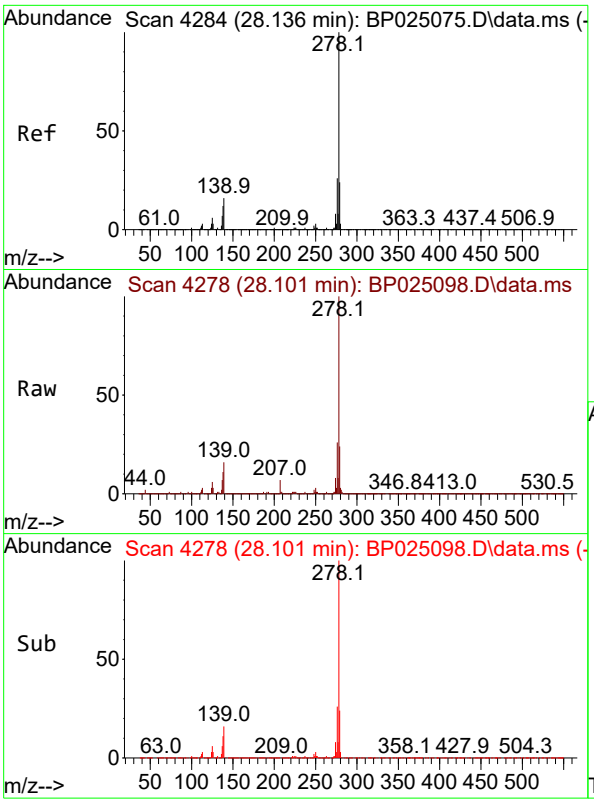


#90
Benzo(a)pyrene
Concen: 39.245 ng
RT: 24.330 min Scan# 3637
Delta R.T. -0.023 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:252 Resp: 5508230

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.8	9.0	13.4

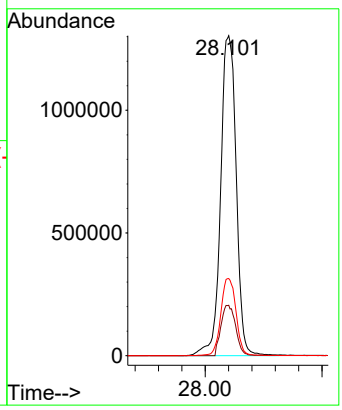




#91
Dibenzo(a,h)anthracene
Concen: 40.542 ng
RT: 28.101 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:278 Resp: 604876

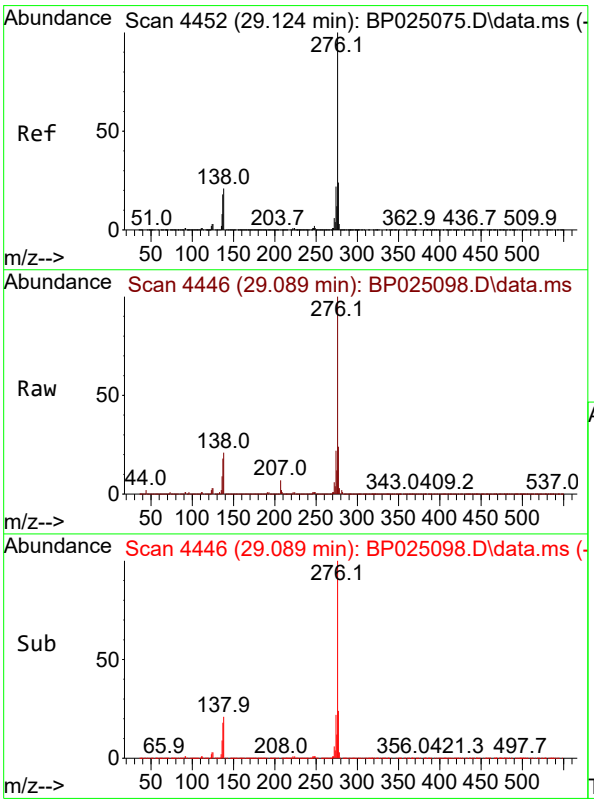
Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.1	19.7
279	24.1	18.9	28.3



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

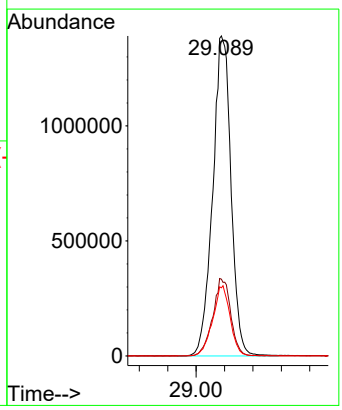
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#92
Benzo(g,h,i)perylene
Concen: 40.345 ng
RT: 29.089 min Scan# 4446
Delta R.T. -0.035 min
Lab File: BP025098.D
Acq: 11 Jul 2025 10:26

Tgt Ion:276 Resp: 6218230

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	21.3	16.9	25.3



Sample Results: **BP025098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025098.D
Acq On : 11 Jul 2025 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 11 11:32:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	0.00
2		1,4-Dioxane	0.439	0.390	11.2	100	0.00
3		Pyridine	1.202	1.063	11.6	97	0.00
4		n-Nitrosodimethylamine	0.509	0.447	12.2	99	0.00
5	S	2-Fluorophenol	1.129	1.080	4.3	106	0.00
6		Aniline	1.376	1.245	9.5	100	0.00
7	S	Phenol-d6	1.473	1.349	8.4	103	0.00
8		2-Chlorophenol	1.263	1.181	6.5	105	0.00
9		Benzaldehyde	0.769	0.703	8.6	109	0.00
10	C	Phenol	1.497	1.353	9.6	103	0.00
11		bis(2-Chloroethyl)ether	1.152	1.022	11.3	102	0.00
12		1,3-Dichlorobenzene	1.413	1.316	6.9	107	0.00
13	C	1,4-Dichlorobenzene	1.431	1.337	6.6	107	0.00
14		1,2-Dichlorobenzene	1.377	1.277	7.3	106	0.00
15		Benzyl Alcohol	0.983	0.904	8.0	106	0.00
16		2,2'-oxybis(1-Chloropropane	1.498	1.256	16.2	98	0.00
17		2-Methylphenol	0.964	0.898	6.8	104	0.00
18		Hexachloroethane	0.466	0.451	3.2	110	0.00
19	P	n-Nitroso-di-n-propylamine	0.874	0.775	11.3	100	0.00
20		3+4-Methylphenols	1.350	1.229	9.0	103	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	109	0.00
22		Acetophenone	0.473	0.432	8.7	101	0.00
23	S	Nitrobenzene-d5	0.301	0.294	2.3	104	0.00
24		Nitrobenzene	0.306	0.293	4.2	103	0.00
25		Isophorone	0.562	0.511	9.1	99	0.00
26	C	2-Nitrophenol	0.128	0.157	-22.7#	127	0.00
27		2,4-Dimethylphenol	0.210	0.197	6.2	103	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.348	8.9	101	0.00
29	C	2,4-Dichlorophenol	0.291	0.284	2.4	103	0.00
30		1,2,4-Trichlorobenzene	0.322	0.307	4.7	105	0.00
31		Naphthalene	1.030	0.954	7.4	102	0.00
32		Benzoic acid	0.185	0.222	-20.0	129	0.00
33		4-Chloroaniline	0.384	0.358	6.8	100	0.00
34	C	Hexachlorobutadiene	0.185	0.181	2.2	108	0.00
35		Caprolactam	0.099	0.096	3.0	103	0.00
36	C	4-Chloro-3-methylphenol	0.304	0.289	4.9	102	-0.01
37		2-Methylnaphthalene	0.727	0.670	7.8	101	0.00
38		1-Methylnaphthalene	0.709	0.649	8.5	102	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	0.575	0.556	3.3	103	0.00
41	P	Hexachlorocyclopentadiene	0.150	0.157	-4.7	112	0.00
42	S	2,4,6-Tribromophenol	0.236	0.262	-11.0	114	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.359	-3.2	104	0.00
44		2,4,5-Trichlorophenol	0.394	0.401	-1.8	104	0.00
45	S	2-Fluorobiphenyl	1.291	1.209	6.4	101	0.00
46		1,1'-Biphenyl	1.455	1.361	6.5	100	0.00
47		2-Chloronaphthalene	1.094	1.031	5.8	101	0.00

Sample Results: **BP025098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025098.D
Acq On : 11 Jul 2025 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 11 11:32:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.237	0.263	-11.0	109	0.00
49		Acenaphthylene	1.674	1.579	5.7	99	0.00
50		Dimethylphthalate	1.400	1.311	6.4	100	0.00
51		2,6-Dinitrotoluene	0.273	0.282	-3.3	102	0.00
52	C	Acenaphthene	1.079	0.993	8.0	100	0.00
53		3-Nitroaniline	0.293	0.313	-6.8	104	0.00
54	P	2,4-Dinitrophenol	0.114	0.141	-23.7	129	0.00
55		Dibenzofuran	1.781	1.624	8.8	98	-0.01
56	P	4-Nitrophenol	0.270	0.286	-5.9	107	0.00
57		2,4-Dinitrotoluene	0.356	0.388	-9.0	106	0.00
58		Fluorene	1.377	1.284	6.8	99	0.00
59		2,3,4,6-Tetrachlorophenol	0.357	0.371	-3.9	107	0.00
60		Diethylphthalate	1.406	1.347	4.2	101	0.00
61		4-Chlorophenyl-phenylether	0.682	0.631	7.5	100	0.00
62		4-Nitroaniline	0.307	0.335	-9.1	105	0.00
63		Azobenzene	1.252	1.146	8.5	97	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	107	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.097	-18.3	128	0.00
66	c	n-Nitrosodiphenylamine	0.572	0.541	5.4	101	0.00
67		4-Bromophenyl-phenylether	0.205	0.202	1.5	105	-0.02
68		Hexachlorobenzene	0.250	0.241	3.6	104	0.00
69		Atrazine	0.168	0.155	7.7	96	0.00
70	C	Pentachlorophenol	0.169	0.182	-7.7	113	0.00
71		Phenanthrene	1.069	0.996	6.8	100	0.00
72		Anthracene	1.025	0.968	5.6	100	0.00
73		Carbazole	1.002	0.969	3.3	101	0.00
74		Di-n-butylphthalate	1.116	1.156	-3.6	104	-0.01
75	C	Fluoranthene	1.249	1.230	1.5	102	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	108	0.00
77		Benzidine	0.353	0.381	-7.9	72	0.00
78		Pyrene	1.239	1.152	7.0	101	0.00
79	S	Terphenyl-d14	0.910	0.865	4.9	102	0.00
80		Butylbenzylphthalate	0.402	0.500	-24.4	122	0.00
81		Benzo(a)anthracene	1.212	1.154	4.8	102	0.00
82		3,3'-Dichlorobenzidine	0.365	0.422	-15.6	117	-0.01
83		Chrysene	1.166	1.093	6.3	102	0.00
84		Bis(2-ethylhexyl)phthalate	0.650	0.721	-10.9	111	-0.01
85	c	Di-n-octyl phthalate	1.054	1.248	-18.4	123	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	117	-0.03
87		Indeno(1,2,3-cd)pyrene	1.274	1.302	-2.2	114	-0.03
88		Benzo(b)fluoranthene	1.164	1.102	5.3	107	-0.01
89		Benzo(k)fluoranthene	1.158	1.068	7.8	108	-0.02
90	C	Benzo(a)pyrene	0.991	0.972	1.9	110	-0.02
91		Dibenzo(a,h)anthracene	1.053	1.067	-1.3	113	-0.04
92		Benzo(g,h,i)perylene	1.088	1.097	-0.8	113	-0.04

Sample Results: **BP025098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025098.D
Acq On : 11 Jul 2025 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 11 11:32:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sample Results: **BP025098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025098.D
Acq On : 11 Jul 2025 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 11 11:32:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	112	0.00
2		1,4-Dioxane	40.000	35.528	11.2	100	0.00
3		Pyridine	40.000	35.371	11.6	97	0.00
4		n-Nitrosodimethylamine	40.000	35.176	12.1	99	0.00
5	S	2-Fluorophenol	80.000	76.555	4.3	106	0.00
6		Aniline	40.000	36.174	9.6	100	0.00
7	S	Phenol-d6	80.000	73.282	8.4	103	0.00
8		2-Chlorophenol	40.000	37.413	6.5	105	0.00
9		Benzaldehyde	40.000	36.562	8.6	109	0.00
10	C	Phenol	40.000	36.147	9.6	103	0.00
11		bis(2-Chloroethyl)ether	40.000	35.474	11.3	102	0.00
12		1,3-Dichlorobenzene	40.000	37.243	6.9	107	0.00
13	C	1,4-Dichlorobenzene	40.000	37.379	6.6	107	0.00
14		1,2-Dichlorobenzene	40.000	37.105	7.2	106	0.00
15		Benzyl Alcohol	40.000	36.793	8.0	106	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	33.541	16.1	98	0.00
17		2-Methylphenol	40.000	37.248	6.9	104	0.00
18		Hexachloroethane	40.000	38.728	3.2	110	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	35.509	11.2	100	0.00
20		3+4-Methylphenols	40.000	36.415	9.0	103	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	109	0.00
22		Acetophenone	40.000	36.532	8.7	101	0.00
23	S	Nitrobenzene-d5	80.000	78.280	2.1	104	0.00
24		Nitrobenzene	40.000	38.299	4.3	103	0.00
25		Isophorone	40.000	36.344	9.1	99	0.00
26	C	2-Nitrophenol	40.000	42.554	-6.4	127	0.00
27		2,4-Dimethylphenol	40.000	37.641	5.9	103	0.00
28		bis(2-Chloroethoxy)methane	40.000	36.458	8.9	101	0.00
29	C	2,4-Dichlorophenol	40.000	39.147	2.1	103	0.00
30		1,2,4-Trichlorobenzene	40.000	38.170	4.6	105	0.00
31		Naphthalene	40.000	37.070	7.3	102	0.00
32		Benzoic acid	40.000	43.124	-7.8	129	0.00
33		4-Chloroaniline	40.000	37.282	6.8	100	0.00
34	C	Hexachlorobutadiene	40.000	39.283	1.8	108	0.00
35		Caprolactam	40.000	38.586	3.5	103	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.113	4.7	102	-0.01
37		2-Methylnaphthalene	40.000	36.899	7.8	101	0.00
38		1-Methylnaphthalene	40.000	36.638	8.4	102	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.723	3.2	103	0.00
41	P	Hexachlorocyclopentadiene	40.000	41.727	-4.3	112	0.00
42	S	2,4,6-Tribromophenol	80.000	88.615	-10.8	114	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.235	-3.1	104	0.00
44		2,4,5-Trichlorophenol	40.000	40.689	-1.7	104	0.00
45	S	2-Fluorobiphenyl	80.000	74.901	6.4	101	0.00
46		1,1'-Biphenyl	40.000	37.415	6.5	100	0.00
47		2-Chloronaphthalene	40.000	37.701	5.7	101	0.00

Sample Results: **BP025098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025098.D
Acq On : 11 Jul 2025 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 11 11:32:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.793	0.5	109	0.00
49		Acenaphthylene	40.000	37.730	5.7	99	0.00
50		Dimethylphthalate	40.000	37.463	6.3	100	0.00
51		2,6-Dinitrotoluene	40.000	41.352	-3.4	102	0.00
52	C	Acenaphthene	40.000	36.832	7.9	100	0.00
53		3-Nitroaniline	40.000	42.808	-7.0	104	0.00
54	P	2,4-Dinitrophenol	40.000	44.919	-12.3	129	0.00
55		Dibenzofuran	40.000	36.491	8.8	98	-0.01
56	P	4-Nitrophenol	40.000	42.330	-5.8	107	0.00
57		2,4-Dinitrotoluene	40.000	39.193	2.0	106	0.00
58		Fluorene	40.000	37.301	6.7	99	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.585	-4.0	107	0.00
60		Diethylphthalate	40.000	38.312	4.2	101	0.00
61		4-Chlorophenyl-phenylether	40.000	37.060	7.3	100	0.00
62		4-Nitroaniline	40.000	43.694	-9.2	105	0.00
63		Azobenzene	40.000	36.595	8.5	97	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	107	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.392	-8.5	128	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.785	5.5	101	0.00
67		4-Bromophenyl-phenylether	40.000	39.384	1.5	105	-0.02
68		Hexachlorobenzene	40.000	38.550	3.6	104	0.00
69		Atrazine	40.000	37.000	7.5	96	0.00
70	C	Pentachlorophenol	40.000	43.089	-7.7	113	0.00
71		Phenanthrene	40.000	37.281	6.8	100	0.00
72		Anthracene	40.000	37.778	5.6	100	0.00
73		Carbazole	40.000	38.676	3.3	101	0.00
74		Di-n-butylphthalate	40.000	41.410	-3.5	104	-0.01
75	C	Fluoranthene	40.000	39.386	1.5	102	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	108	0.00
77		Benzidine	40.000	43.101	-7.8	72	0.00
78		Pyrene	40.000	37.187	7.0	101	0.00
79	S	Terphenyl-d14	80.000	76.084	4.9	102	0.00
80		Butylbenzylphthalate	40.000	42.410	-6.0	122	0.00
81		Benzo(a)anthracene	40.000	38.100	4.7	102	0.00
82		3,3'-Dichlorobenzidine	40.000	46.236	-15.6	117	-0.01
83		Chrysene	40.000	37.488	6.3	102	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.386	-11.0	111	-0.01
85	c	Di-n-octyl phthalate	40.000	42.656	-6.6	123	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	117	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	40.866	-2.2	114	-0.03
88		Benzo(b)fluoranthene	40.000	37.851	5.4	107	-0.01
89		Benzo(k)fluoranthene	40.000	36.888	7.8	108	-0.02
90	C	Benzo(a)pyrene	40.000	39.245	1.9	110	-0.02
91		Dibenzo(a,h)anthracene	40.000	40.542	-1.4	113	-0.04
92		Benzo(g,h,i)perylene	40.000	40.345	-0.9	113	-0.04

Sample Results: **BP025098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025098.D
Acq On : 11 Jul 2025 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 11 11:32:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BP025138.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: CAMP02

Lab Code: ACE SDG No.: Q2543

Instrument ID: BNA_P Calibration Date/Time: 07/15/2025 09:36

Lab File ID: BP025138.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.129	1.147		1.6	
Benzaldehyde	0.769	0.679		-11.7	
Phenol-d6	1.473	1.355		-8.0	
Phenol	1.497	1.357		-9.4	20.0
bis(2-Chloroethyl)ether	1.152	1.035		-10.2	
2-Chlorophenol	1.263	1.226		-2.9	
2-Methylphenol	0.964	0.882		-8.5	
2,2-oxybis(1-Chloropropane)	1.498	1.230		-17.9	
Acetophenone	0.473	0.447		-5.5	
3+4-Methylphenols	1.350	1.168		-13.5	
n-Nitroso-di-n-propylamine	0.874	0.714	0.050	-18.3	
Nitrobenzene-d5	0.301	0.314		4.3	
Hexachloroethane	0.466	0.480		3.0	
Nitrobenzene	0.306	0.312		2.0	
Isophorone	0.562	0.502		-10.7	
2-Nitrophenol	0.128	0.173		35.2	20.0
2,4-Dimethylphenol	0.210	0.204		-2.9	
bis(2-Chloroethoxy)methane	0.382	0.353		-7.6	
2,4-Dichlorophenol	0.291	0.298		2.4	20.0
Naphthalene	1.030	1.000		-2.9	
4-Chloroaniline	0.384	0.355		-7.6	
Hexachlorobutadiene	0.185	0.203		9.7	20.0
Caprolactam	0.099	0.087		-12.1	
4-Chloro-3-methylphenol	0.304	0.283		-6.9	20.0
2-Methylnaphthalene	0.727	0.661		-9.1	
Hexachlorocyclopentadiene	0.150	0.198	0.050	32.0	
2,4,6-Trichlorophenol	0.348	0.391		12.4	20.0
2-Fluorobiphenyl	1.291	1.304		1.0	
2,4,5-Trichlorophenol	0.394	0.423		7.4	
1,1-Biphenyl	1.455	1.428		-1.9	
2-Chloronaphthalene	1.094	1.097		0.3	
2-Nitroaniline	0.237	0.272		14.8	
Dimethylphthalate	1.400	1.334		-4.7	
Acenaphthylene	1.674	1.684		0.6	
2,6-Dinitrotoluene	0.273	0.289		5.9	
3-Nitroaniline	0.293	0.323		10.2	
Acenaphthene	1.079	1.045		-3.2	20.0
2,4-Dinitrophenol	0.114	0.153	0.050	34.2	
4-Nitrophenol	0.270	0.289	0.050	7.0	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q2543

Instrument ID: BNA_P Calibration Date/Time: 07/15/2025 09:36

Lab File ID: BP025138.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.781	1.717		-3.6	
2,4-Dinitrotoluene	0.356	0.401		12.6	
Diethylphthalate	1.406	1.348		-4.1	
4-Chlorophenyl-phenylether	0.682	0.655		-4.0	
Fluorene	1.377	1.332		-3.3	
4-Nitroaniline	0.307	0.342		11.4	
4,6-Dinitro-2-methylphenol	0.082	0.111		35.4	
n-Nitrosodiphenylamine	0.572	0.577		0.9	20.0
2,4,6-Tribromophenol	0.236	0.272		15.3	
4-Bromophenyl-phenylether	0.205	0.223		8.8	
Hexachlorobenzene	0.250	0.259		3.6	
Atrazine	0.168	0.147		-12.5	
Pentachlorophenol	0.169	0.198		17.2	20.0
Phenanthrene	1.069	1.047		-2.1	
Anthracene	1.025	1.043		1.8	
Carbazole	1.002	1.027		2.5	
Di-n-butylphthalate	1.116	1.242		11.3	
Fluoranthene	1.249	1.286		3.0	20.0
Pyrene	1.239	1.176		-5.1	
Terphenyl-d14	0.910	0.896		-1.5	
Butylbenzylphthalate	0.402	0.528		31.3	
3,3-Dichlorobenzidine	0.365	0.460		26.0	
Benzo(a)anthracene	1.212	1.213		0.1	
Chrysene	1.166	1.161		-0.4	
Bis(2-ethylhexyl)phthalate	0.650	0.765		17.7	
Di-n-octyl phthalate	1.054	1.391		32.0	20.0
Benzo(b)fluoranthene	1.164	1.125		-3.4	
Benzo(k)fluoranthene	1.158	1.086		-6.2	
Benzo(a)pyrene	0.991	1.013		2.2	20.0
Indeno(1,2,3-cd)pyrene	1.274	1.401		10.0	
Dibenzo(a,h)anthracene	1.053	1.150		9.2	
Benzo(g,h,i)perylene	1.088	1.183		8.7	
1,2,4,5-Tetrachlorobenzene	0.575	0.622		8.2	
1,4-Dioxane	0.439	0.426		-3.0	20.0
2,3,4,6-Tetrachlorophenol	0.357	0.378		5.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	539286	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1912691	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1092262	20.000	ng	0.00
64) Phenanthrene-d10	16.890	188	2112947	20.000	ng	-0.02
76) Chrysene-d12	21.336	240	2423209	20.000	ng	0.00
86) Perylene-d12	24.466	264	2977605	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2474543	81.302	ng	0.00
7) Phenol-d6	6.637	99	2922465	73.579	ng	0.00
23) Nitrobenzene-d5	8.566	82	2399082	83.417	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1186292	91.937	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	5696052	80.788	ng	0.00
79) Terphenyl-d14	19.672	244	8685146	78.772	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.126	88	459788	38.849	ng	98
3) Pyridine	3.496	79	1178526	36.371	ng	98
4) n-Nitrosodimethylamine	3.408	42	502075	36.596	ng	94
6) Aniline	6.784	93	1304985	35.165	ng	98
8) 2-Chlorophenol	7.019	128	1321981	38.820	ng	98
9) Benzaldehyde	6.596	77	732823	35.328	ng	99
10) Phenol	6.661	94	1463822	36.271	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	1116685	35.953	ng	98
12) 1,3-Dichlorobenzene	7.337	146	1490161	39.099	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1512425	39.195	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1428568	38.486	ng	100
15) Benzyl Alcohol	7.678	79	962249	36.298	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1326319	32.841	ng	98
17) 2-Methylphenol	7.878	107	951555	36.603	ng	99
18) Hexachloroethane	8.496	117	517470	41.165	ng	99
19) n-Nitroso-di-n-propyla...	8.237	70	769639	32.674	ng	98
20) 3+4-Methylphenols	8.202	107	1259243	34.582	ng	98
22) Acetophenone	8.243	105	1711174	37.829	ng	98
24) Nitrobenzene	8.608	77	1193570	40.744	ng	95
25) Isophorone	9.137	82	1922190	35.764	ng	98
26) 2-Nitrophenol	9.308	139	662204	46.680	ng	99
27) 2,4-Dimethylphenol	9.384	122	779946	38.901	ng	97
28) bis(2-Chloroethoxy)met...	9.619	93	1350218	36.998	ng	99
29) 2,4-Dichlorophenol	9.837	162	1138831	40.964	ng	99
30) 1,2,4-Trichlorobenzene	10.055	180	1261827	40.986	ng	96
31) Naphthalene	10.231	128	3826840	38.856	ng	100
32) Benzoic acid	9.513	122	852968	43.285	ng	97
33) 4-Chloroaniline	10.343	127	1359199	36.980	ng	99
34) Hexachlorobutadiene	10.531	225	776668	43.961	ng	100
35) Caprolactam	11.113	113	333474	35.063	ng	93
36) 4-Chloro-3-methylphenol	11.478	107	1082330	37.255	ng	98
37) 2-Methylnaphthalene	11.855	142	2529303	36.398	ng	100
38) 1-Methylnaphthalene	12.084	142	2461306	36.317	ng	99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1358686	43.282	ng	99
41) Hexachlorocyclopentadiene	12.219	237	432854	52.790	ng	99
43) 2,4,6-Trichlorophenol	12.484	196	854124	44.935	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

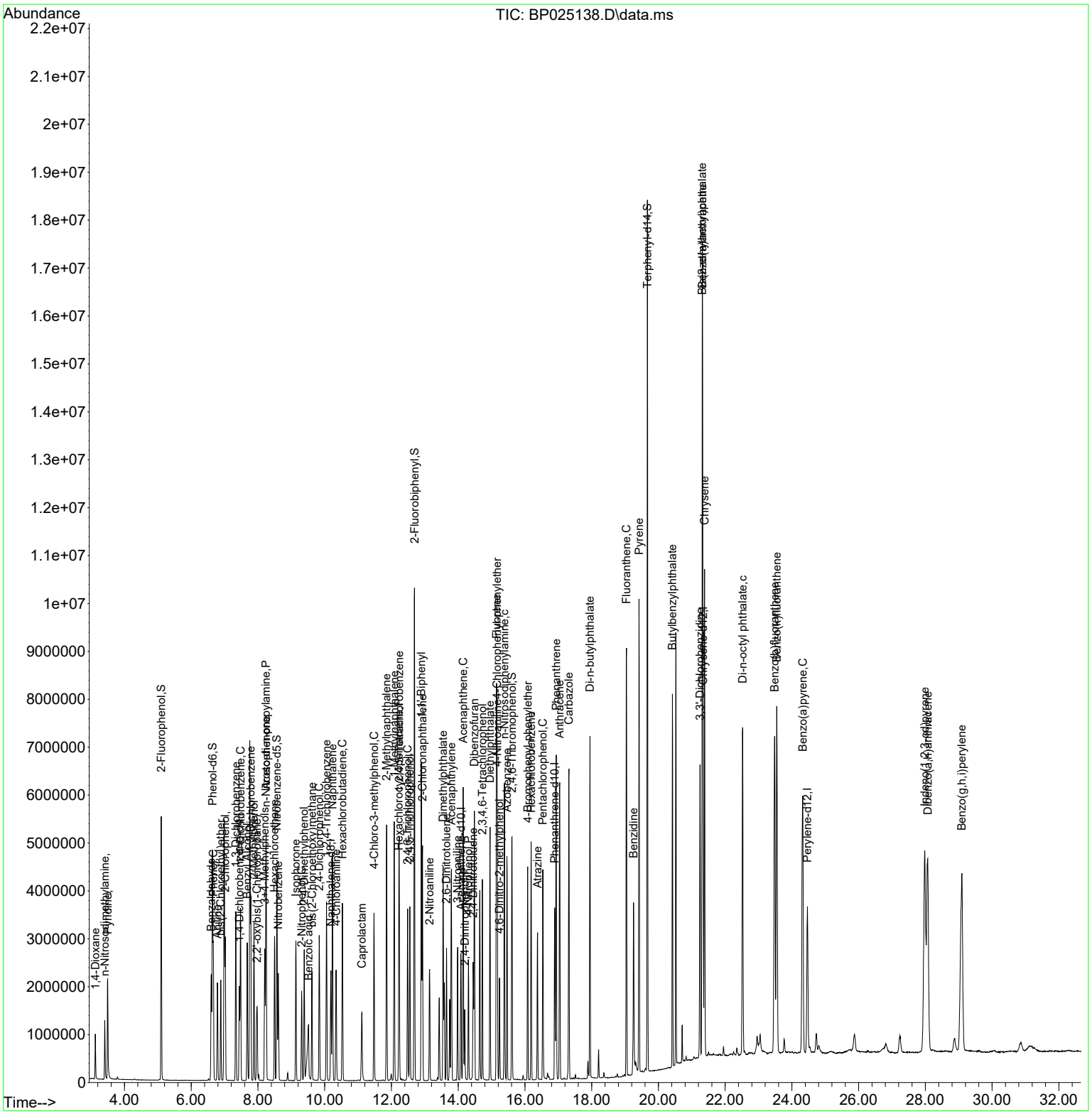
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.549	196	923802	42.884	ng	99
46) 1,1'-Biphenyl	12.896	154	3118784	39.244	ng	100
47) 2-Chloronaphthalene	12.931	162	2396183	40.116	ng	99
48) 2-Nitroaniline	13.143	65	593729	41.005	ng	91
49) Acenaphthylene	13.796	152	3678070	40.232	ng	99
50) Dimethylphthalate	13.549	163	2913588	38.107	ng	99
51) 2,6-Dinitrotoluene	13.649	165	630484	42.281	ng	96
52) Acenaphthene	14.149	154	2283738	38.757	ng	99
53) 3-Nitroaniline	13.984	138	704959	44.113	ng	98
54) 2,4-Dinitrophenol	14.196	184	333533	48.071	ng	97
55) Dibenzofuran	14.484	168	3751617	38.580	ng	100
56) 4-Nitrophenol	14.307	139	631062	42.791	ng	99
57) 2,4-Dinitrotoluene	14.448	165	874922	40.419	ng	95
58) Fluorene	15.148	166	2909661	38.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.725	232	826703	42.379	ng	96
60) Diethylphthalate	14.954	149	2944042	38.337	ng	100
61) 4-Chlorophenyl-phenyle...	15.166	204	1429908	38.415	ng	98
62) 4-Nitroaniline	15.172	138	747413	44.603	ng	98
63) Azobenzene	15.460	77	2483159	36.313	ng	98
65) 4,6-Dinitro-2-methylph...	15.237	198	470864	48.858	ng	100
66) n-Nitrosodiphenylamine	15.384	169	2438227	40.322	ng	99
67) 4-Bromophenyl-phenylether	16.084	248	944253	43.646	ng	98
68) Hexachlorobenzene	16.190	284	1092907	41.331	ng	94
69) Atrazine	16.378	200	620482	35.017	ng	99
70) Pentachlorophenol	16.537	266	835548	46.787	ng	99
71) Phenanthrene	16.937	178	4422649	39.172	ng	100
72) Anthracene	17.042	178	4407571	40.692	ng	100
73) Carbazole	17.319	167	4341714	40.996	ng	100
74) Di-n-butylphthalate	17.948	149	5248706	44.505	ng	99
75) Fluoranthene	19.042	202	5432893	41.167	ng	100
77) Benzidine	19.254	184	2339949	54.675	ng	98
78) Pyrene	19.419	202	5697689	37.962	ng	99
80) Butylbenzylphthalate	20.419	149	2557535	44.517	ng	99
81) Benzo(a)anthracene	21.319	228	5878963	40.034	ng	100
82) 3,3'-Dichlorobenzidine	21.248	252	2229564	50.434	ng	99
83) Chrysene	21.383	228	5626605	39.815	ng	100
84) Bis(2-ethylhexyl)phtha...	21.313	149	3706065	47.050	ng	99
85) Di-n-octyl phthalate	22.525	149	6739607	46.832	ng	98
87) Indeno(1,2,3-cd)pyrene	27.983	276	8343284m	43.984	ng	
88) Benzo(b)fluoranthene	23.483	252	6701452	38.667	ng	99
89) Benzo(k)fluoranthene	23.548	252	6464721	37.489	ng	99
90) Benzo(a)pyrene	24.324	252	6032064	40.894	ng	99
91) Dibenzo(a,h)anthracene	28.071	278	6851324	43.695	ng	98
92) Benzo(g,h,i)perylene	29.089	276	7045315	43.496	ng	98

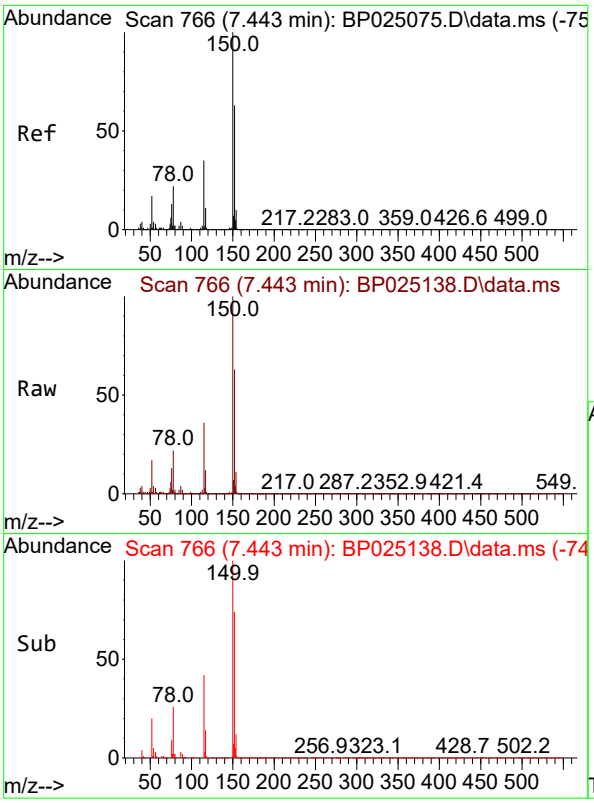
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



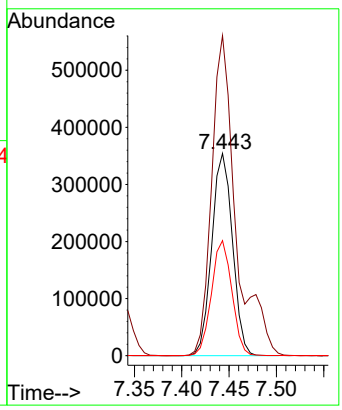


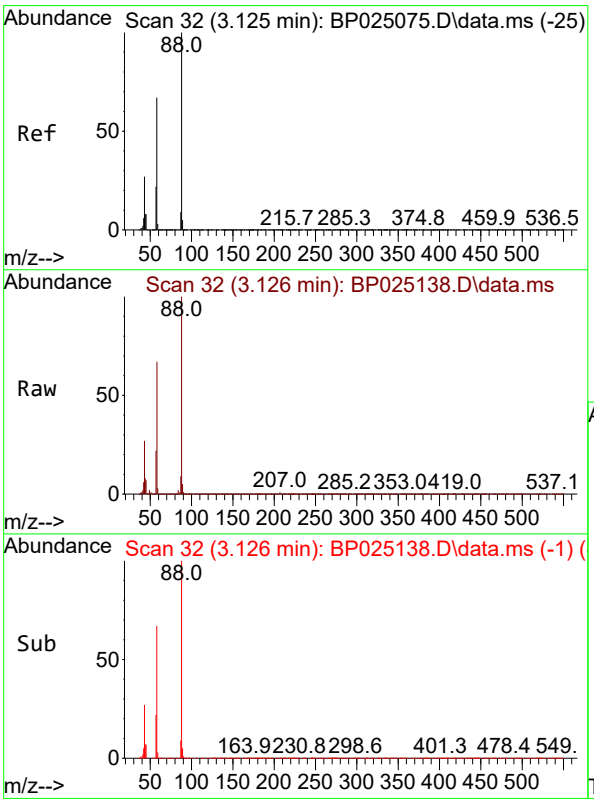
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 539286

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.1	189.1
115	56.9	44.3	66.5

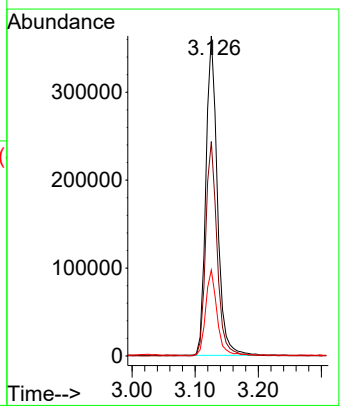


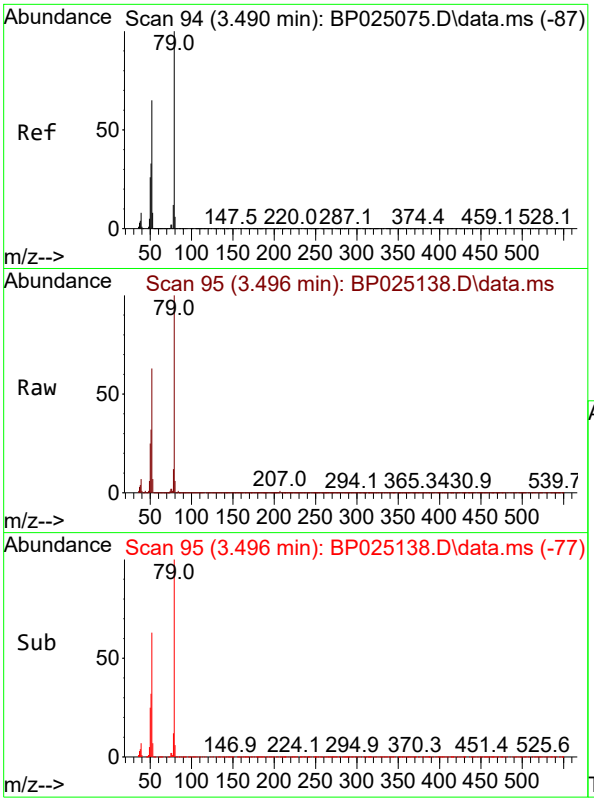


#2
1,4-Dioxane
Concen: 38.849 ng
RT: 3.126 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 88 Resp: 459788

Ion	Ratio	Lower	Upper
88	100		
58	66.8	55.0	82.4
43	26.4	21.9	32.9



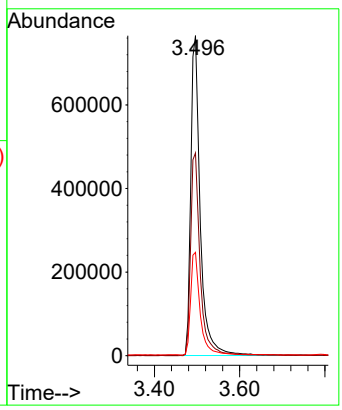


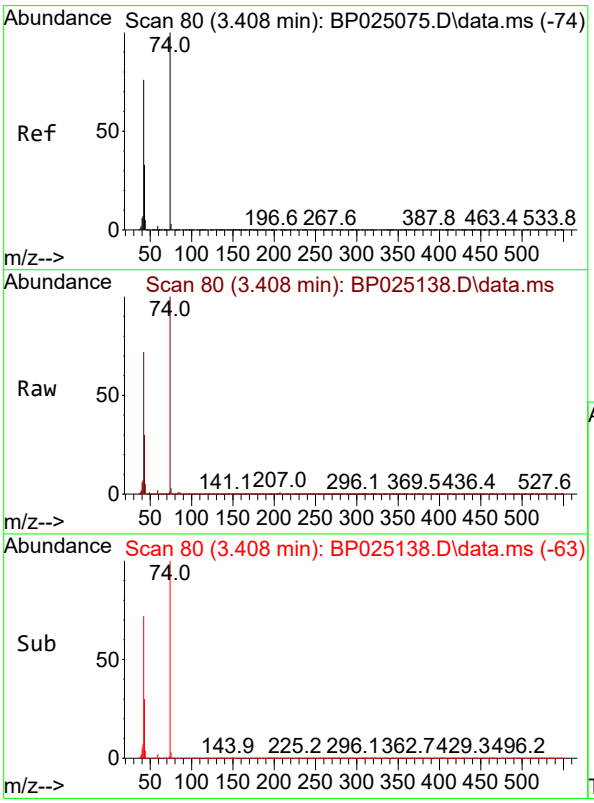
#3
Pyridine
Concen: 36.371 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1178526

Ion	Ratio	Lower	Upper
79	100		
52	63.4	52.2	78.4
51	32.3	26.8	40.2

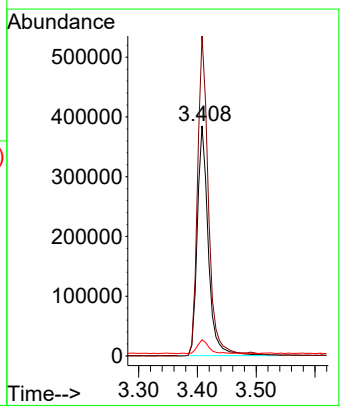


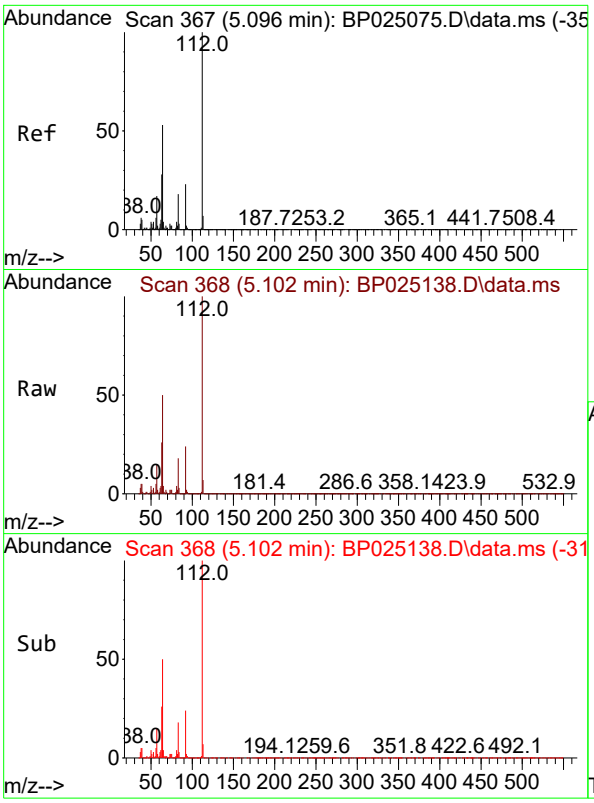


#4
n-Nitrosodimethylamine
Concen: 36.596 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 42 Resp: 502075

Ion	Ratio	Lower	Upper
42	100		
74	139.1	105.2	157.8
44	7.0	6.6	9.8



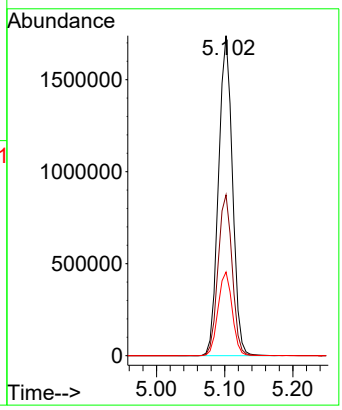


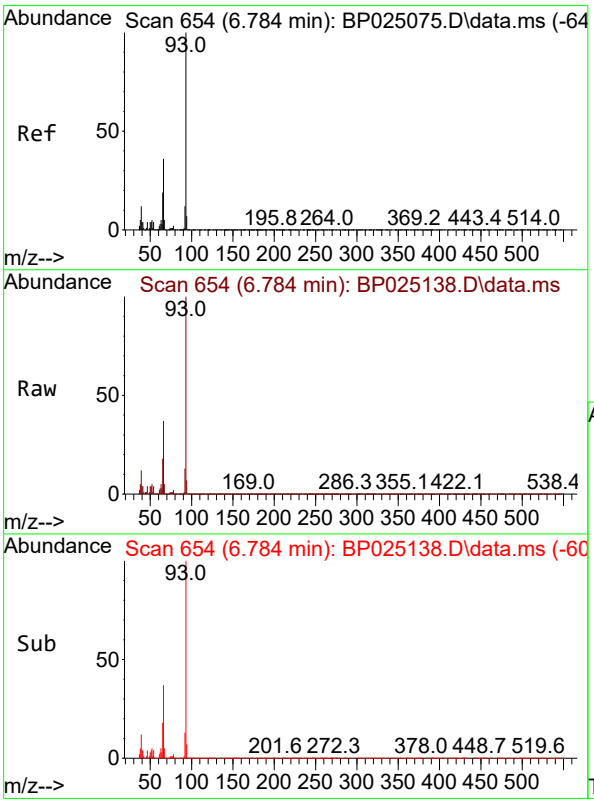
#5
2-Fluorophenol
Concen: 81.302 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 2474543

Ion	Ratio	Lower	Upper
112	100		
64	50.2	42.0	63.0
63	26.1	22.2	33.2

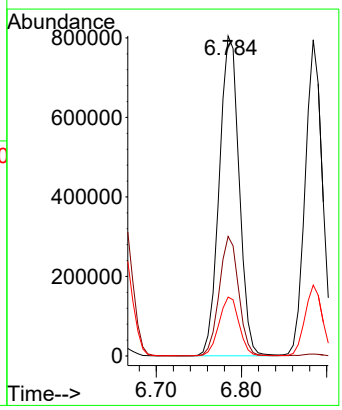


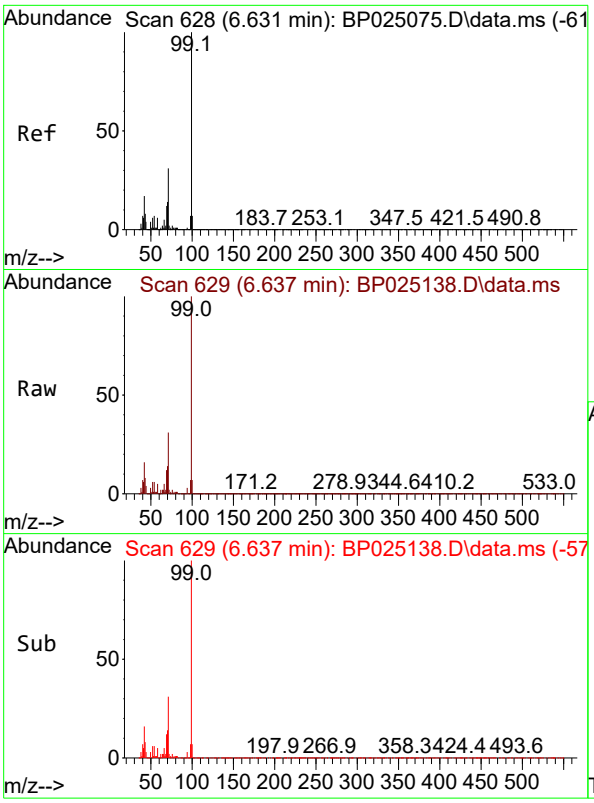


#6
Aniline
Concen: 35.165 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 93 Resp: 1304985

Ion	Ratio	Lower	Upper
93	100		
66	37.3	28.9	43.3
65	18.4	15.2	22.8



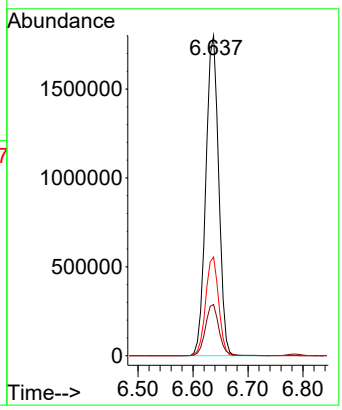


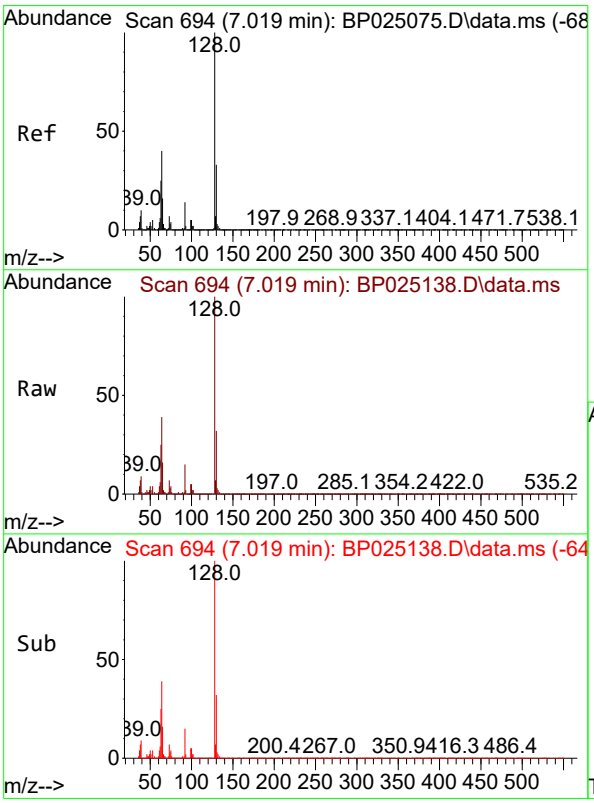
#7
Phenol-d6
Concen: 73.579 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2922465

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.6	20.4
71	30.9	24.4	36.6

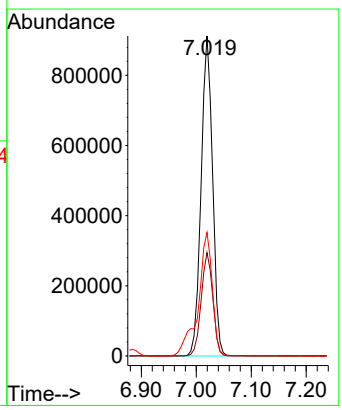


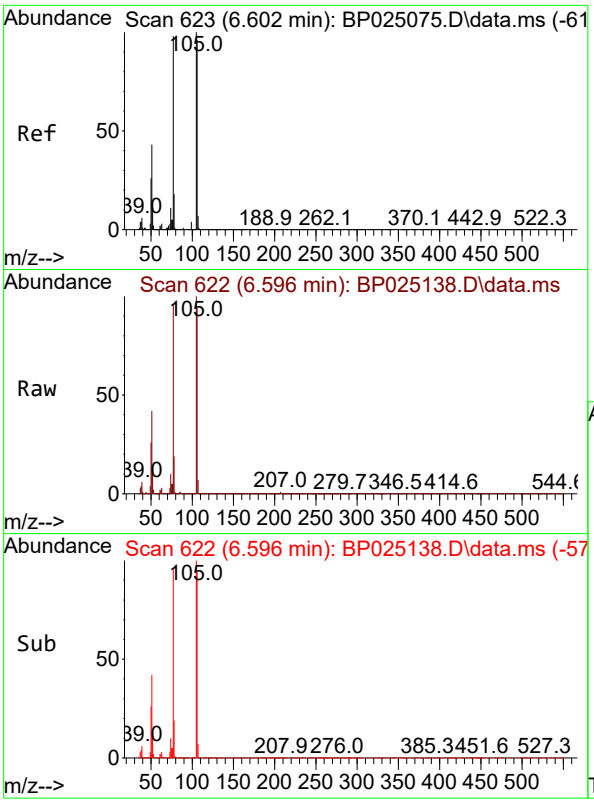


#8
2-Chlorophenol
Concen: 38.820 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:128 Resp: 1321981

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	38.6	20.3	60.3



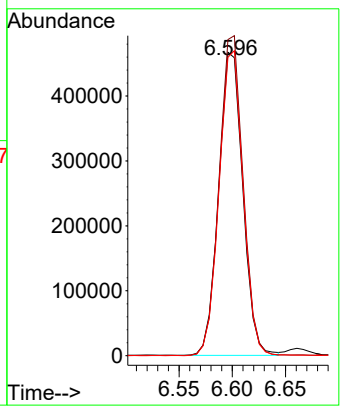


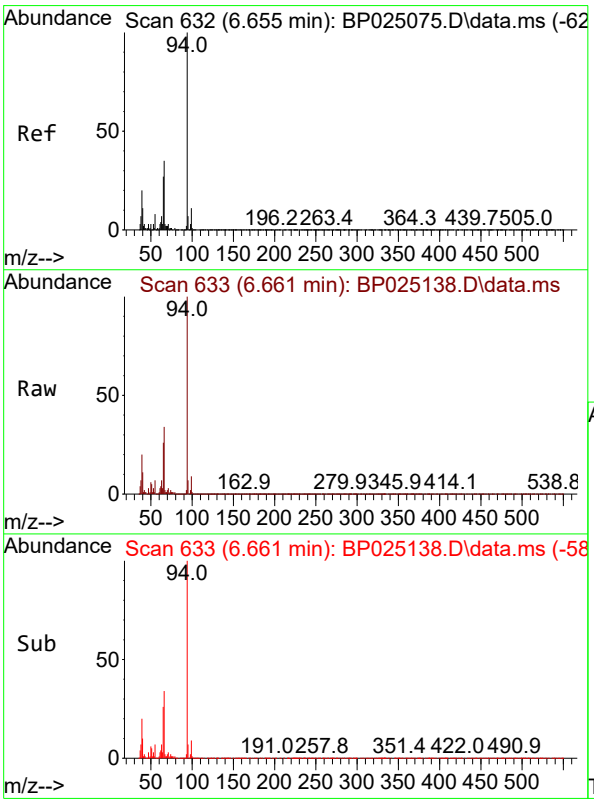
#9
Benzaldehyde
Concen: 35.328 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 732823

Ion	Ratio	Lower	Upper
77	100		
105	104.3	82.4	122.4
106	98.4	78.3	118.3

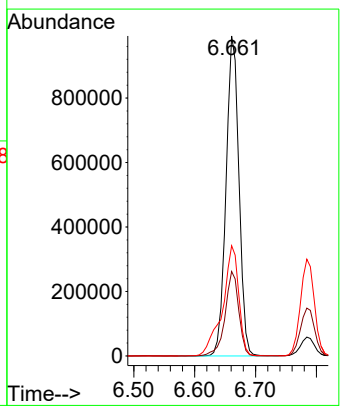


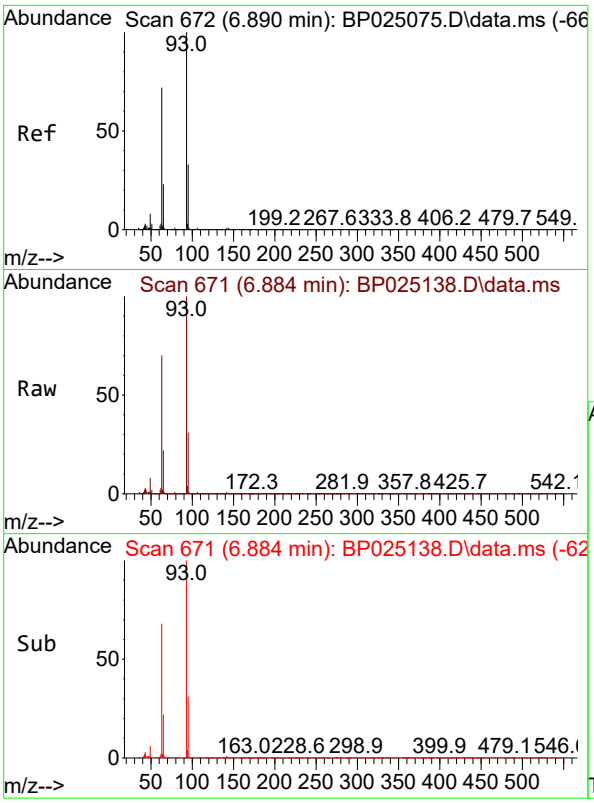


#10
Phenol
Concen: 36.271 ng
RT: 6.661 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 94 Resp: 1463822

Ion	Ratio	Lower	Upper
94	100		
65	26.4	6.9	46.9
66	34.5	14.6	54.6



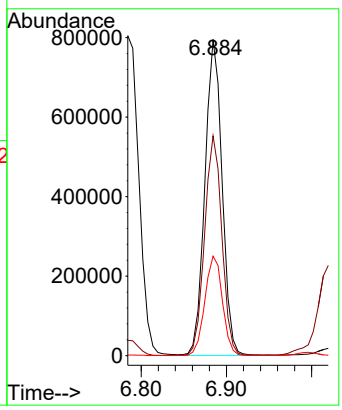


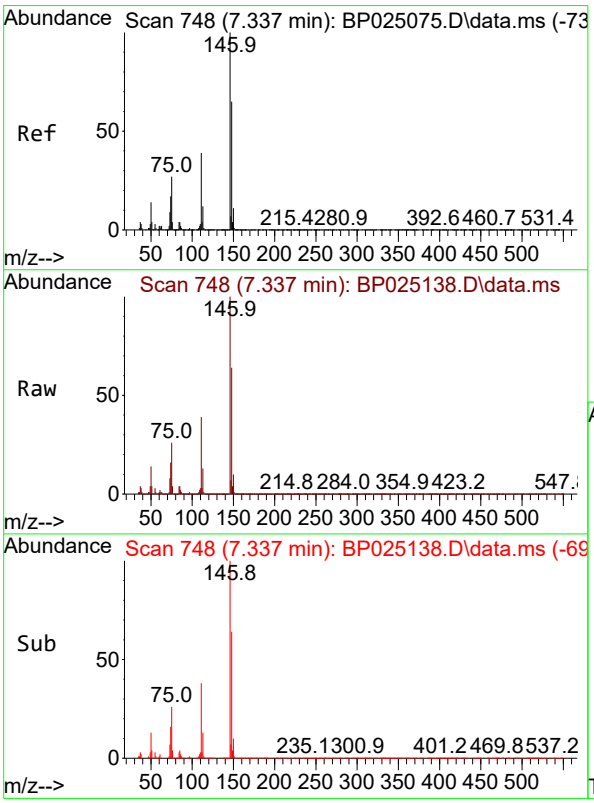
#11
bis(2-Chloroethyl)ether
Concen: 35.953 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1116685

Ion	Ratio	Lower	Upper
93	100		
63	69.5	51.9	91.9
95	31.5	12.4	52.4

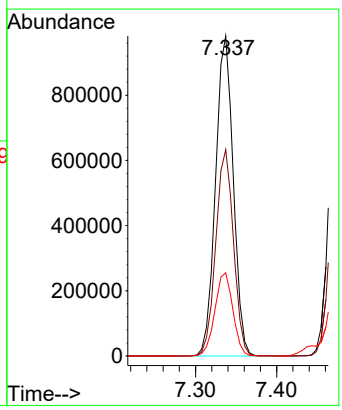


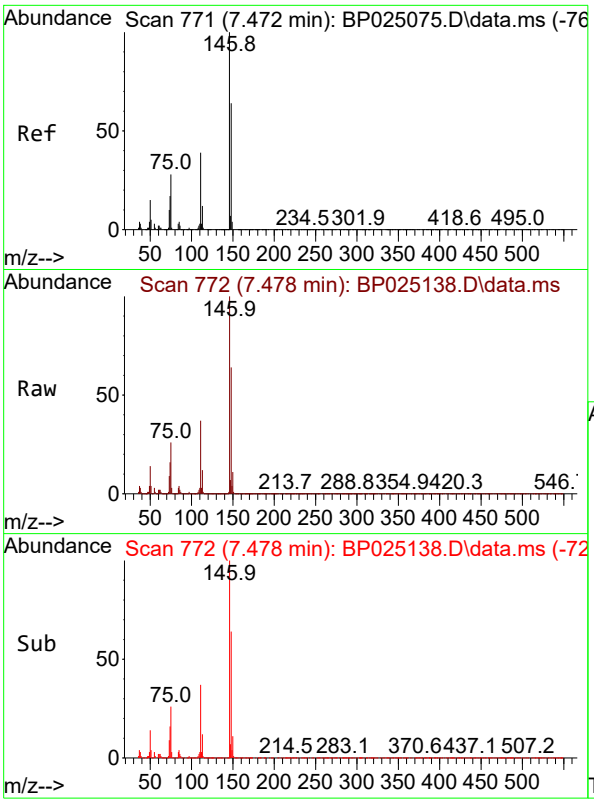


#12
1,3-Dichlorobenzene
Concen: 39.099 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:146 Resp: 1490161

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	26.0	21.8	32.6



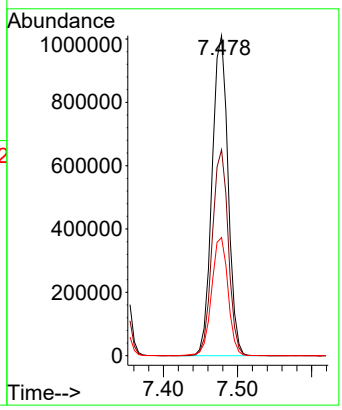


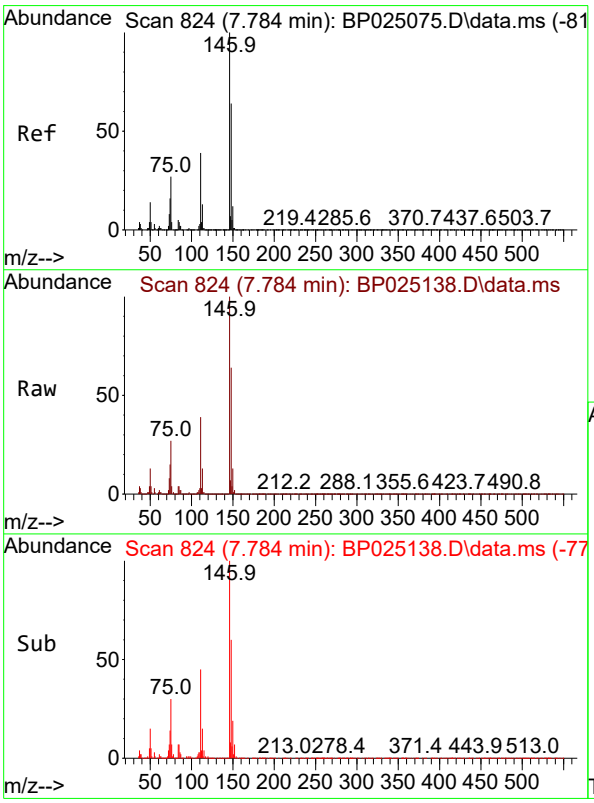
#13
1,4-Dichlorobenzene
Concen: 39.195 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1512425

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	36.9	31.2	46.8

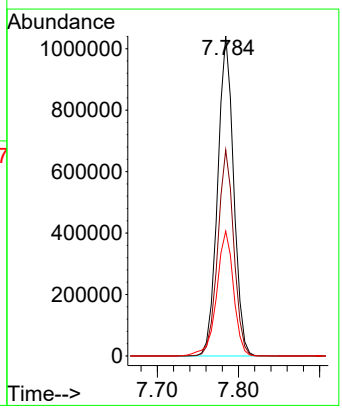


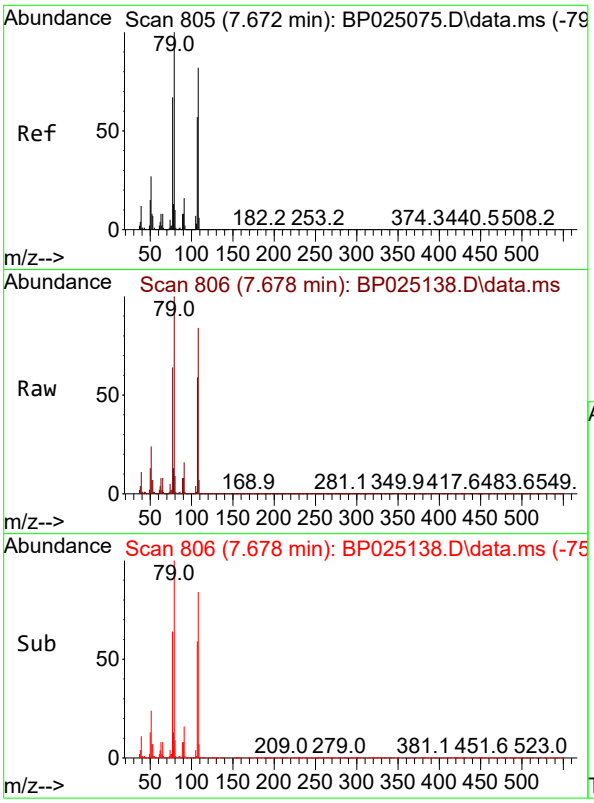


#14
1,2-Dichlorobenzene
Concen: 38.486 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:146 Resp: 1428568

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	39.0	31.2	46.8



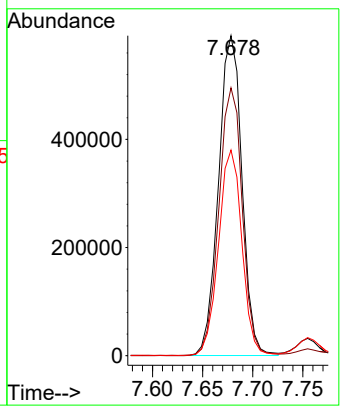


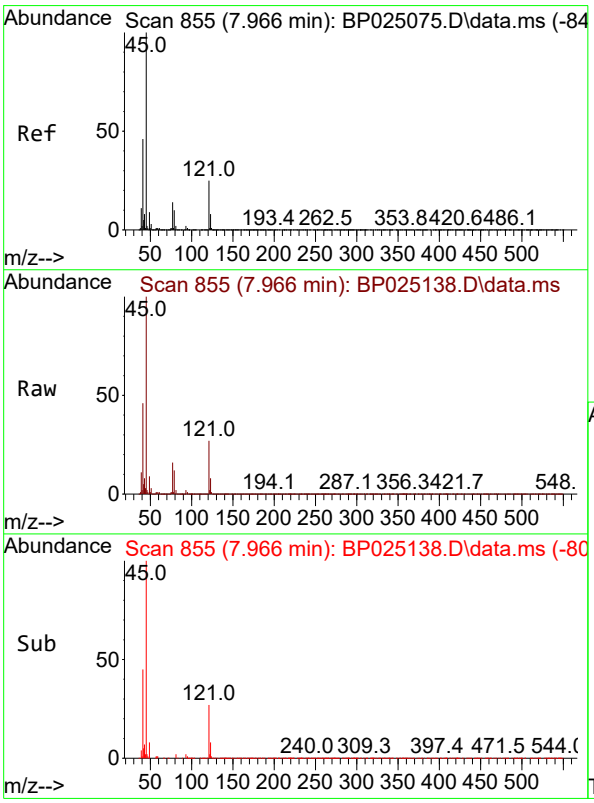
#15
Benzyl Alcohol
Concen: 36.298 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 962249

Ion	Ratio	Lower	Upper
79	100		
108	83.7	66.0	99.0
77	64.3	53.4	80.2

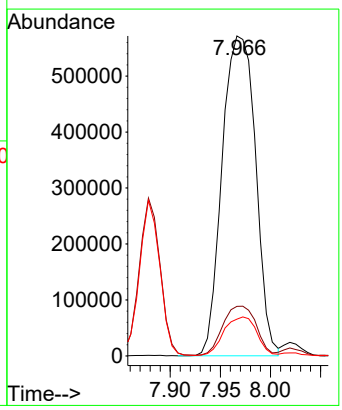


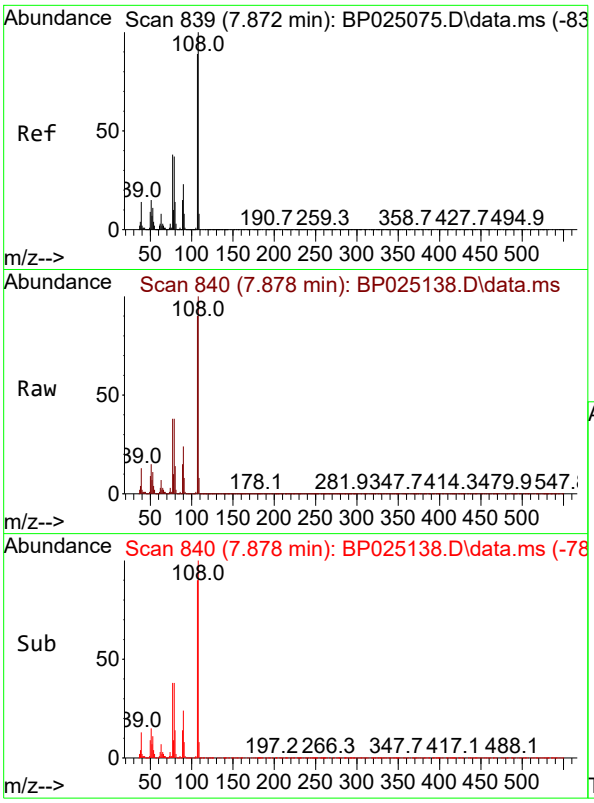


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.841 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 45 Resp: 1326319

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.8
79	11.5	0.0	30.7



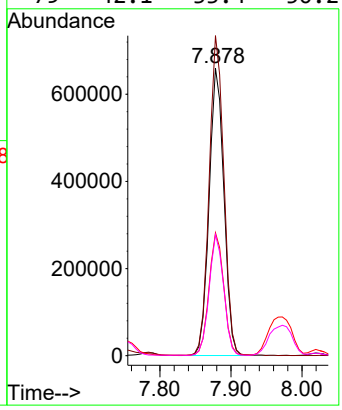


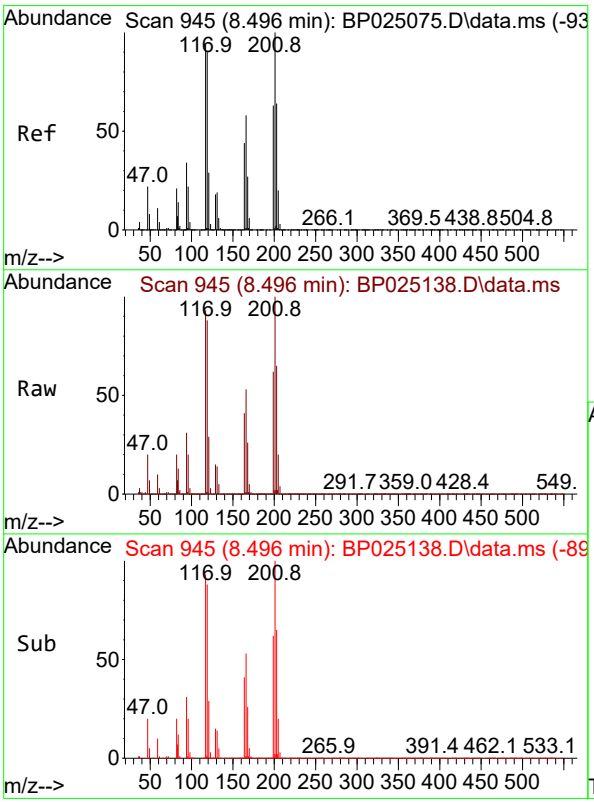
#17
2-Methylphenol
Concen: 36.603 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 951555

Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.7	134.5
77	42.7	34.2	51.4
79	42.1	33.4	50.2

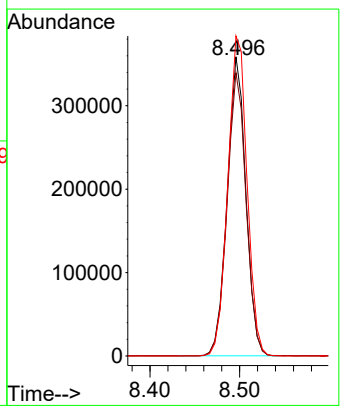


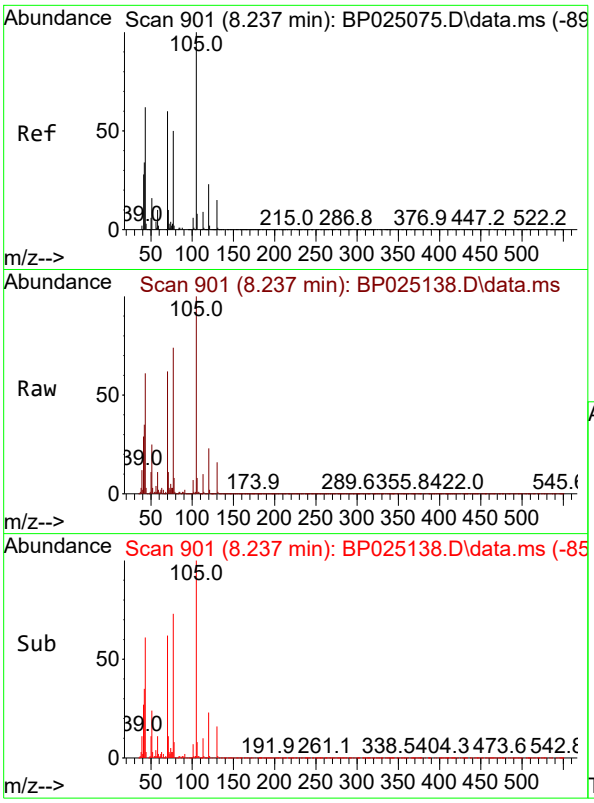


#18
Hexachloroethane
Concen: 41.165 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:117 Resp: 517470

Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	115.0
201	107.0	85.4	128.2



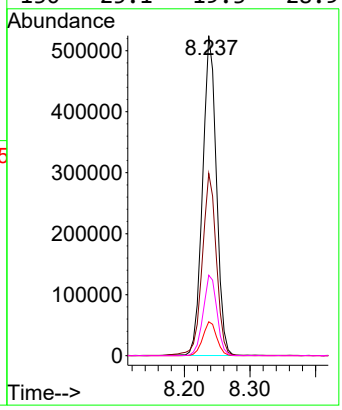


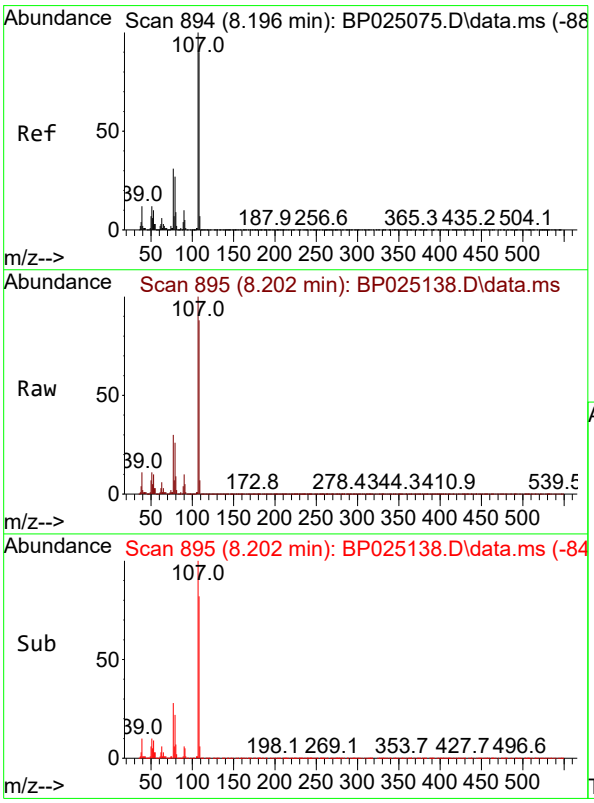
#19
n-Nitroso-di-n-propylamine
Concen: 32.674 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 769639

Ion	Ratio	Lower	Upper
70	100		
42	56.9	46.5	69.7
101	10.6	7.9	11.9
130	25.1	19.3	28.9

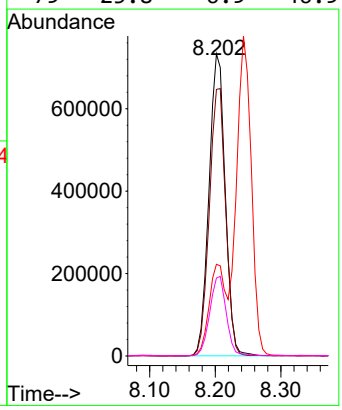


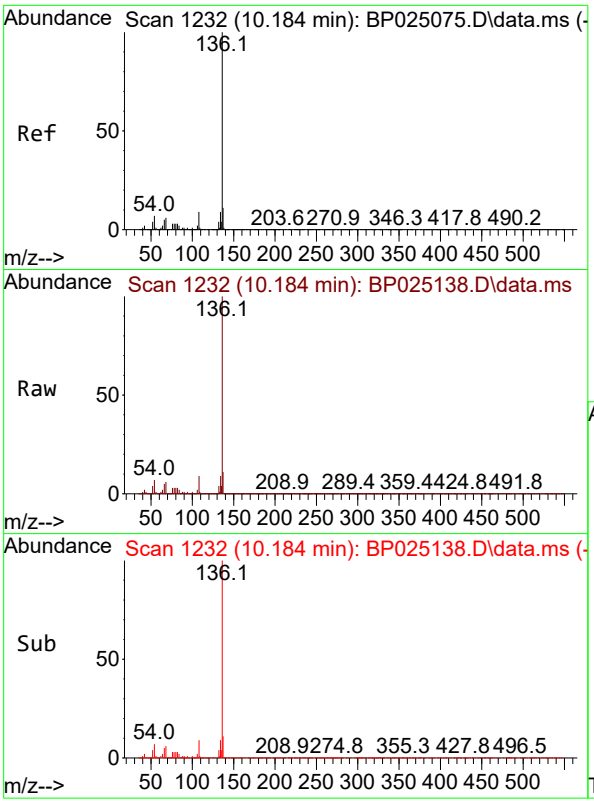


#20
3+4-Methylphenols
Concen: 34.582 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:107 Resp: 1259243

Ion	Ratio	Lower	Upper
107	100		
108	88.2	69.5	109.5
77	30.4	11.4	51.4
79	25.8	6.9	46.9



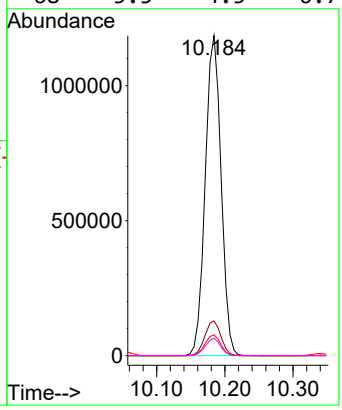


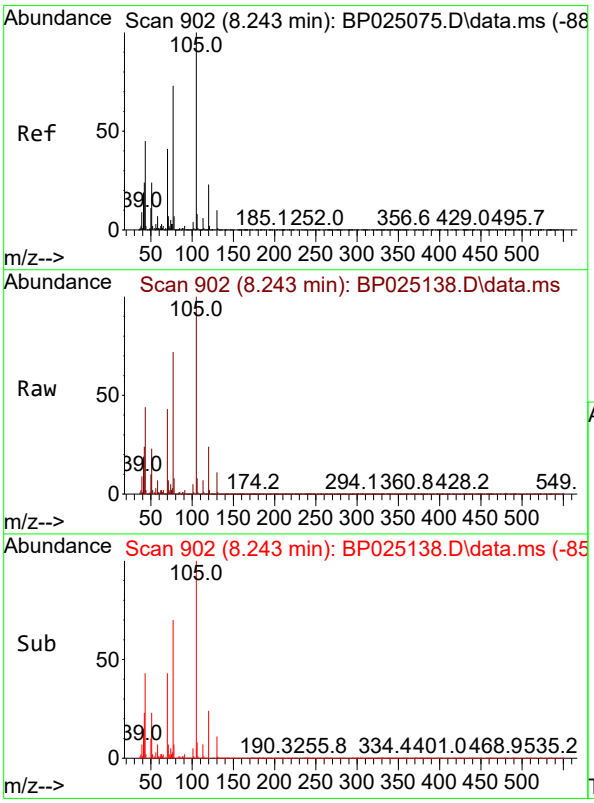
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1912691

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.5	5.4	8.2
68	5.5	4.5	6.7

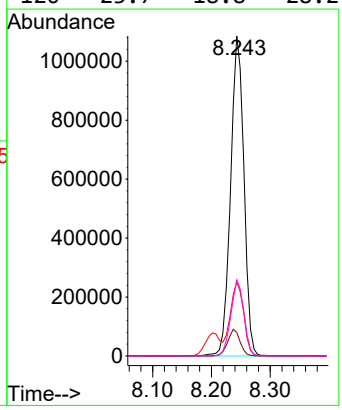


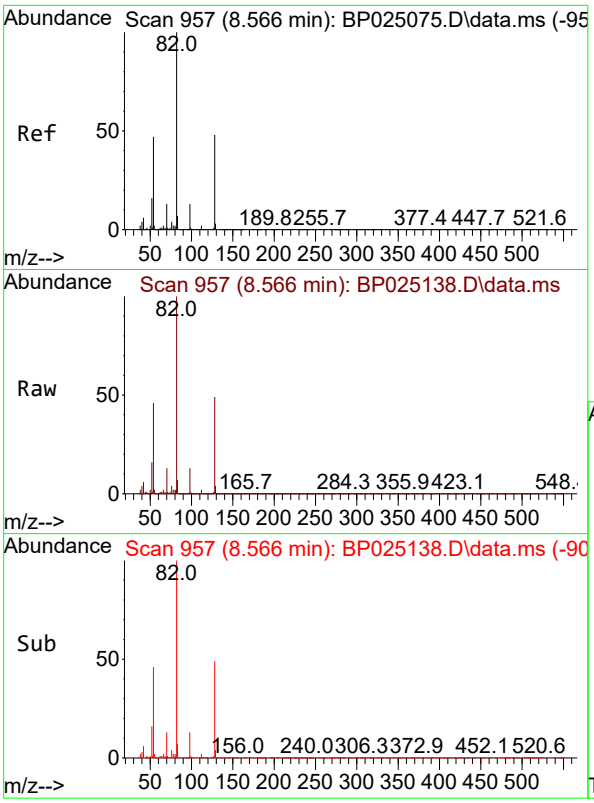


#22
Acetophenone
Concen: 37.829 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:105 Resp: 1711174

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.4	8.2
51	23.1	19.6	29.4
120	23.7	18.8	28.2



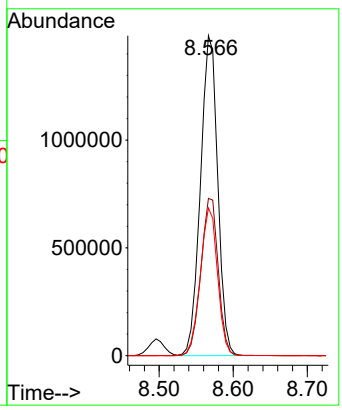


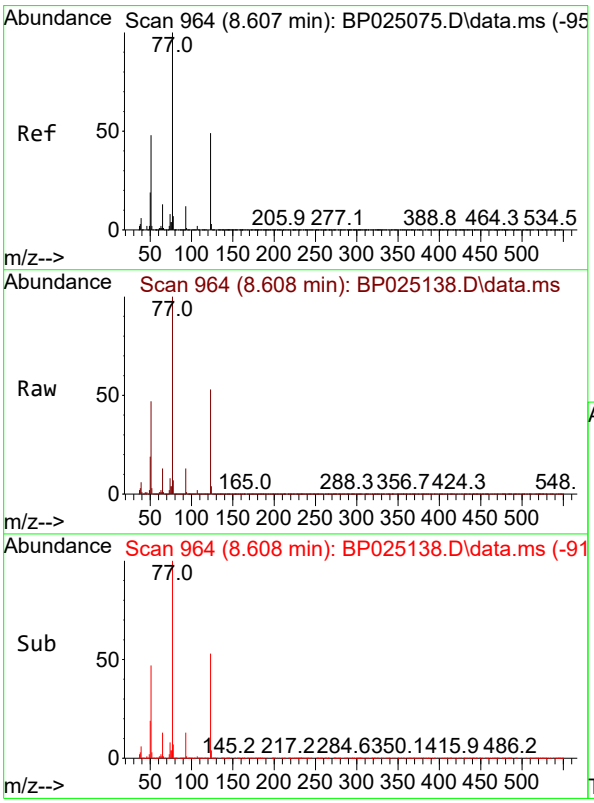
#23
Nitrobenzene-d5
Concen: 83.417 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2399082

Ion	Ratio	Lower	Upper
82	100		
128	49.1	38.4	57.6
54	46.1	37.8	56.6

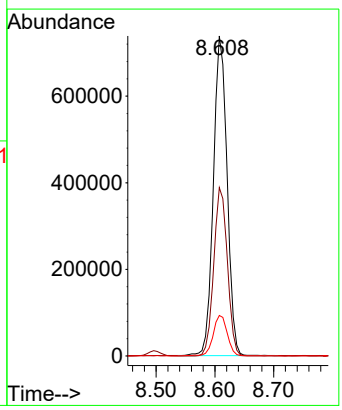


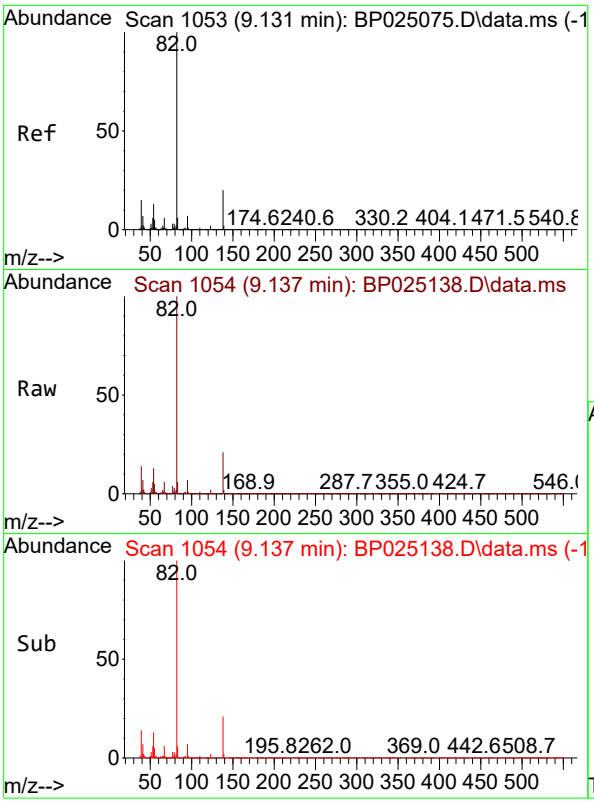


#24
Nitrobenzene
Concen: 40.744 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 77 Resp: 1193570

Ion	Ratio	Lower	Upper
77	100		
123	52.6	39.0	58.6
65	12.7	10.7	16.1



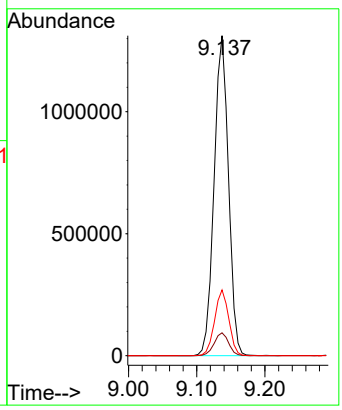


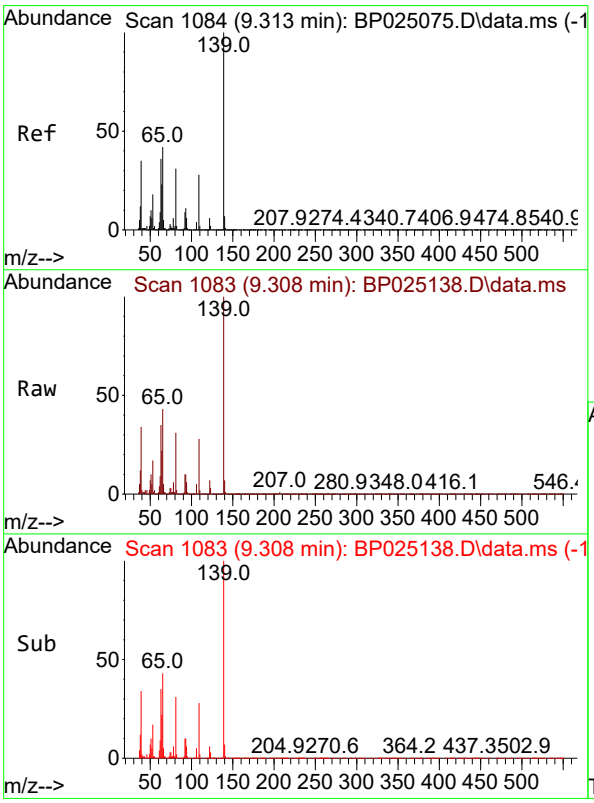
#25
Isophorone
Concen: 35.764 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1922190

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	20.6	15.7	23.5

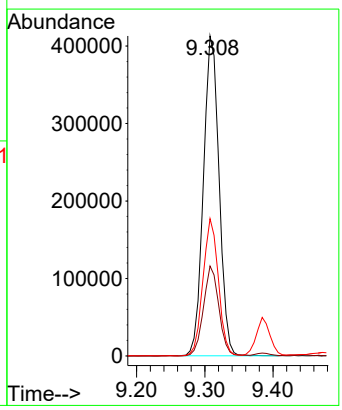


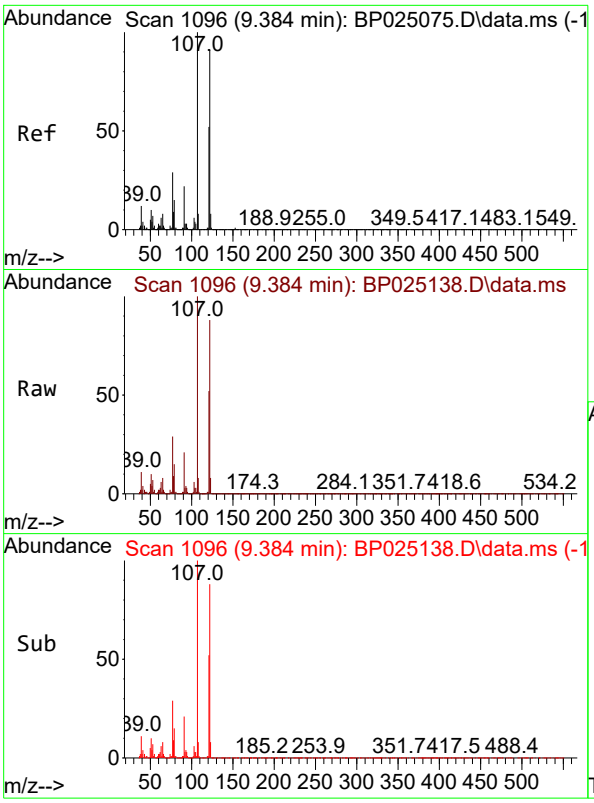


#26
2-Nitrophenol
Concen: 46.680 ng
RT: 9.308 min Scan# 1083
Delta R.T. -0.005 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:139 Resp: 662204

Ion	Ratio	Lower	Upper
139	100		
109	28.1	22.3	33.5
65	42.9	33.8	50.8



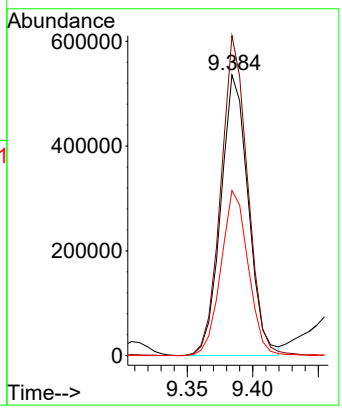


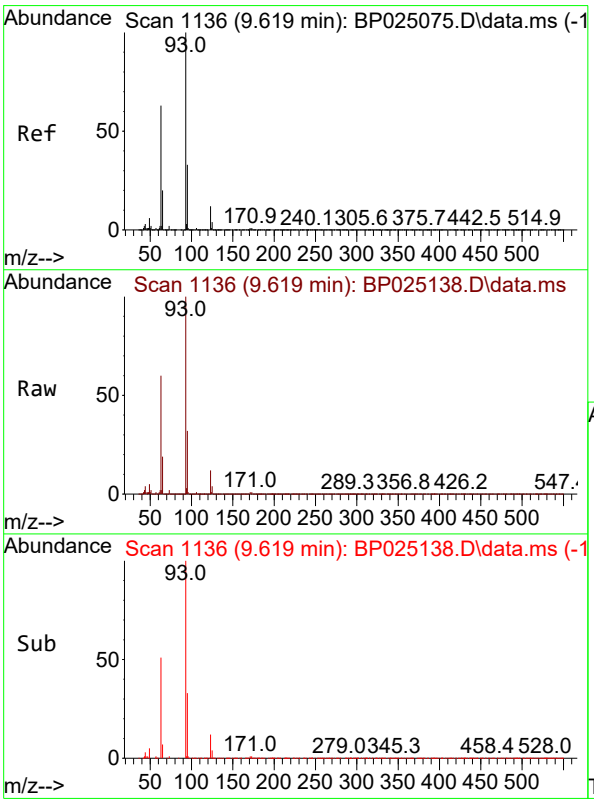
#27
2,4-Dimethylphenol
Concen: 38.901 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 779946

Ion	Ratio	Lower	Upper
122	100		
107	114.0	88.2	132.2
121	58.8	46.1	69.1

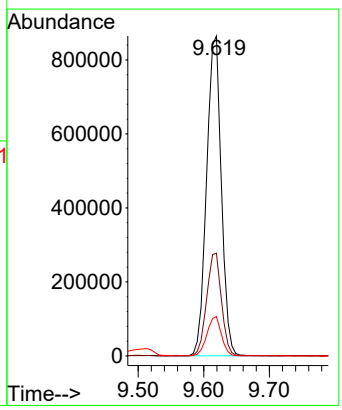


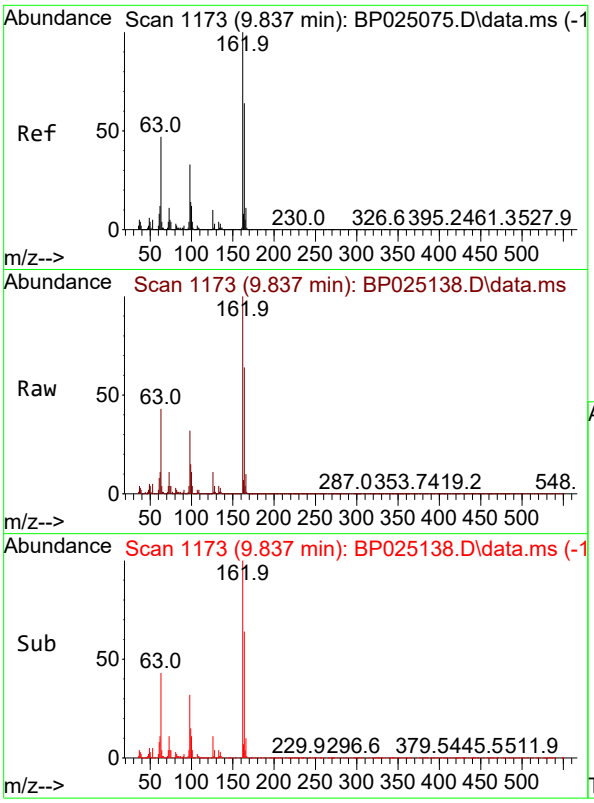


#28
bis(2-Chloroethoxy)methane
Concen: 36.998 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 93 Resp: 1350218

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.4	39.6
123	12.3	10.1	15.1



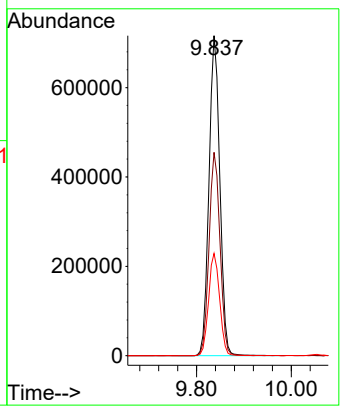


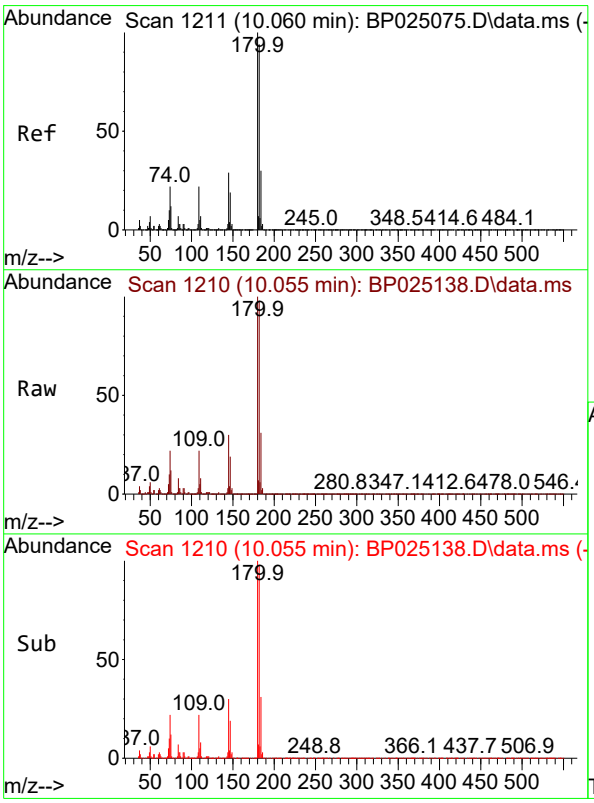
#29
2,4-Dichlorophenol
Concen: 40.964 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1138831

Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.1	84.1
98	32.0	13.1	53.1

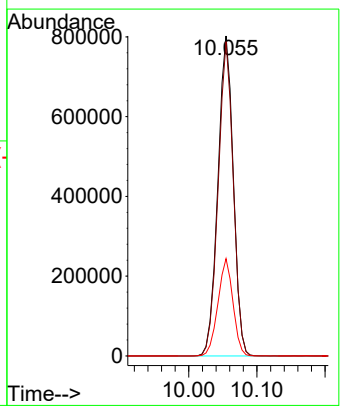


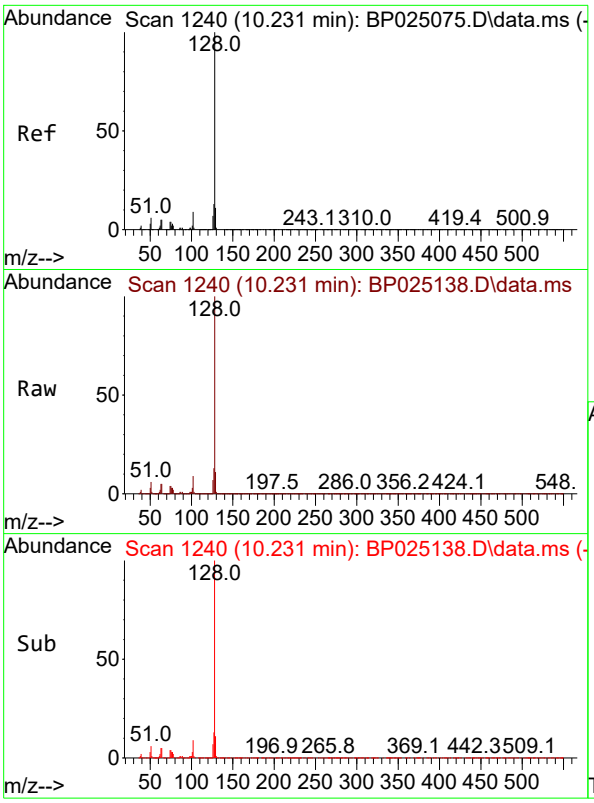


#30
1,2,4-Trichlorobenzene
Concen: 40.986 ng
RT: 10.055 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:180 Resp: 1261827

Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.1	112.7
145	30.4	23.3	34.9



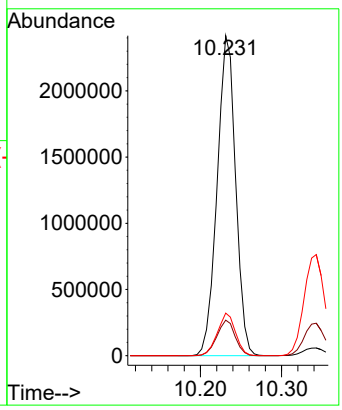


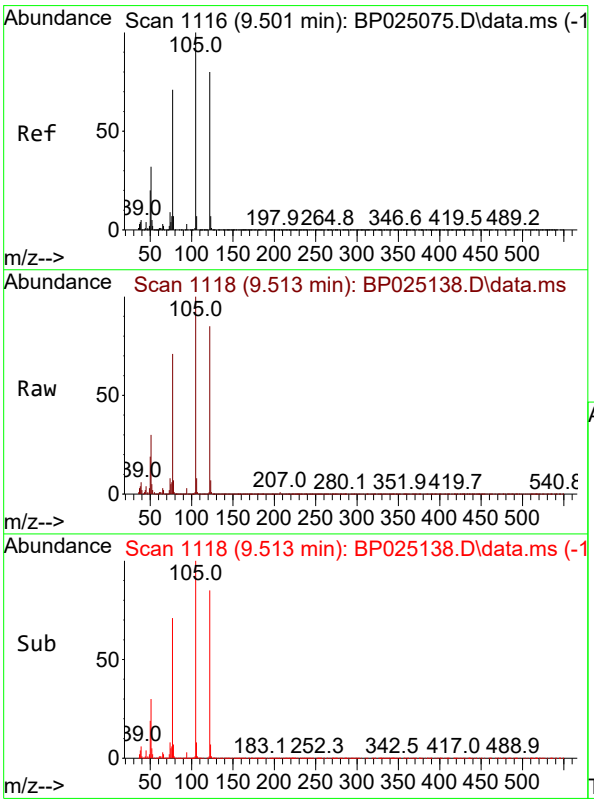
#31
Naphthalene
Concen: 38.856 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 3826840

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.3	10.4	15.6

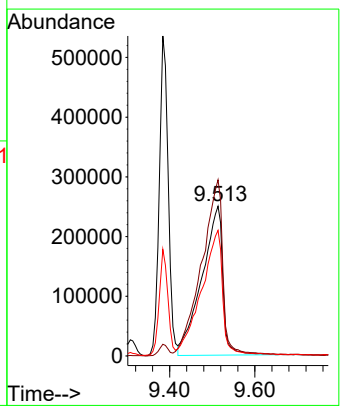


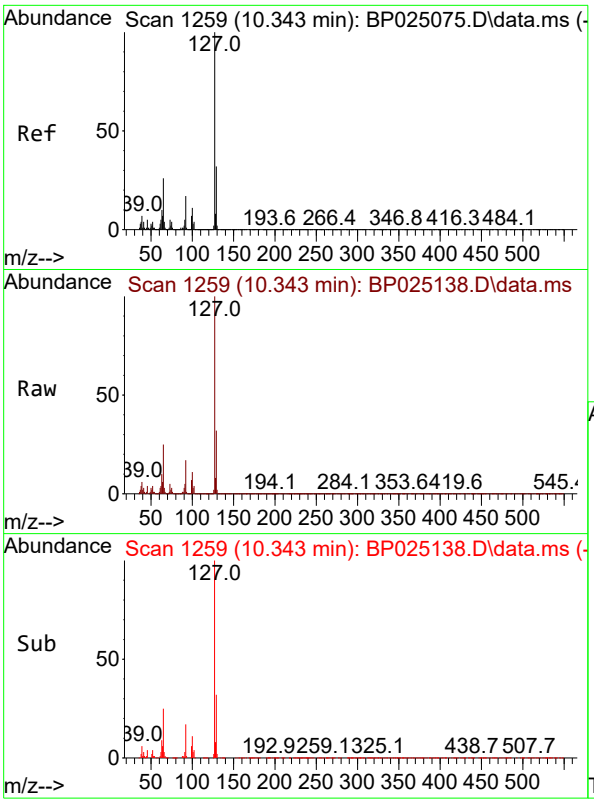


#32
Benzoic acid
Concen: 43.285 ng
RT: 9.513 min Scan# 1118
Delta R.T. 0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:122 Resp: 852968

Ion	Ratio	Lower	Upper
122	100		
105	117.6	101.0	141.0
77	83.8	67.6	107.6



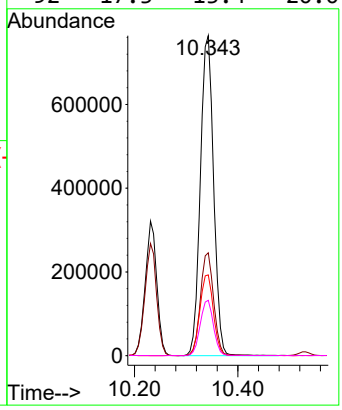


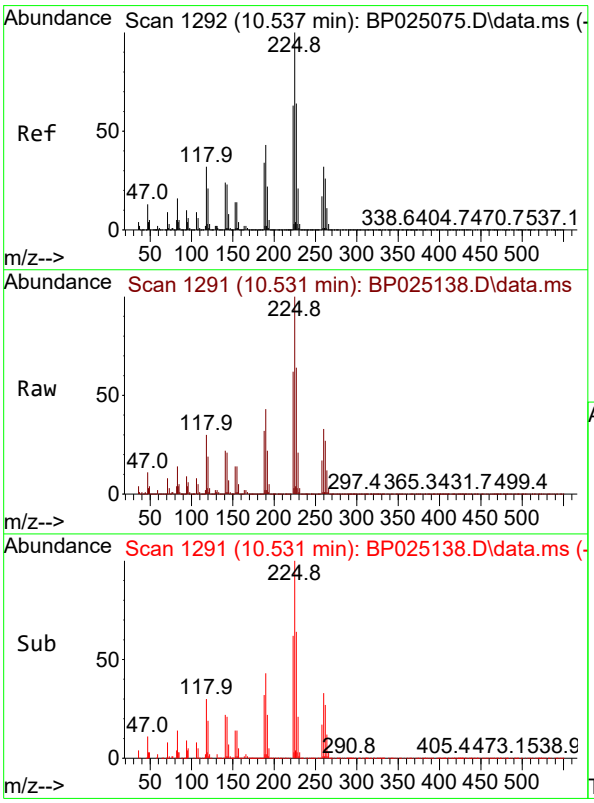
#33
4-Chloroaniline
Concen: 36.980 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1359199

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	25.3	21.0	31.6
92	17.3	13.4	20.0

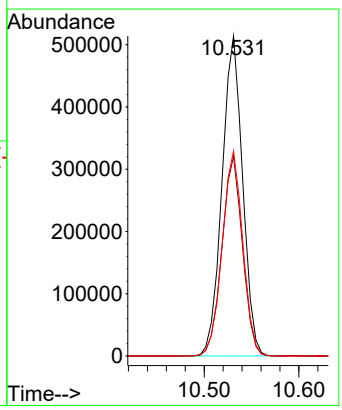


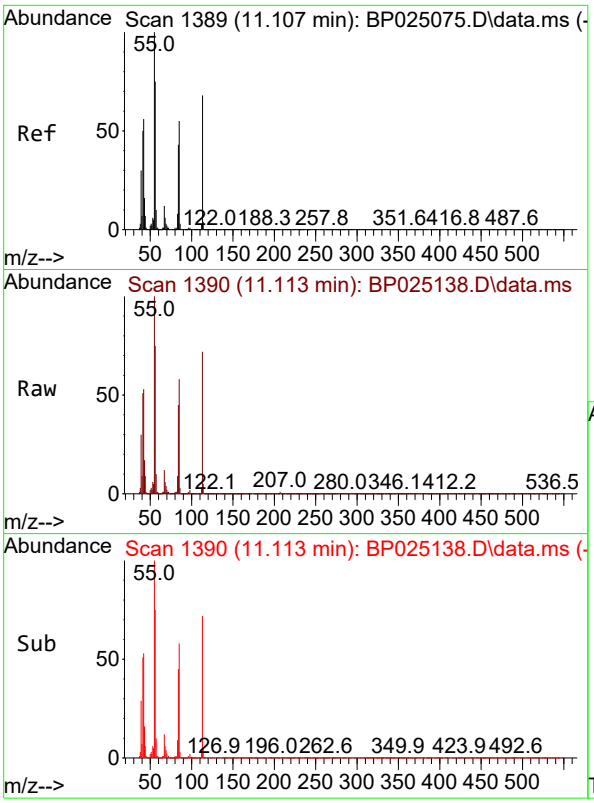


#34
Hexachlorobutadiene
Concen: 43.961 ng
RT: 10.531 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:225 Resp: 776668

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	64.1	51.3	76.9



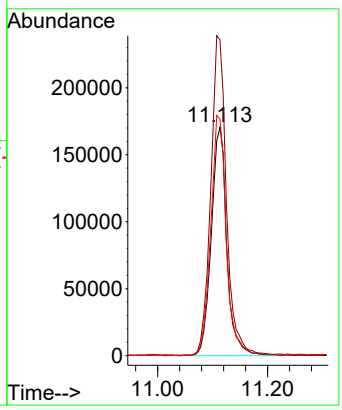


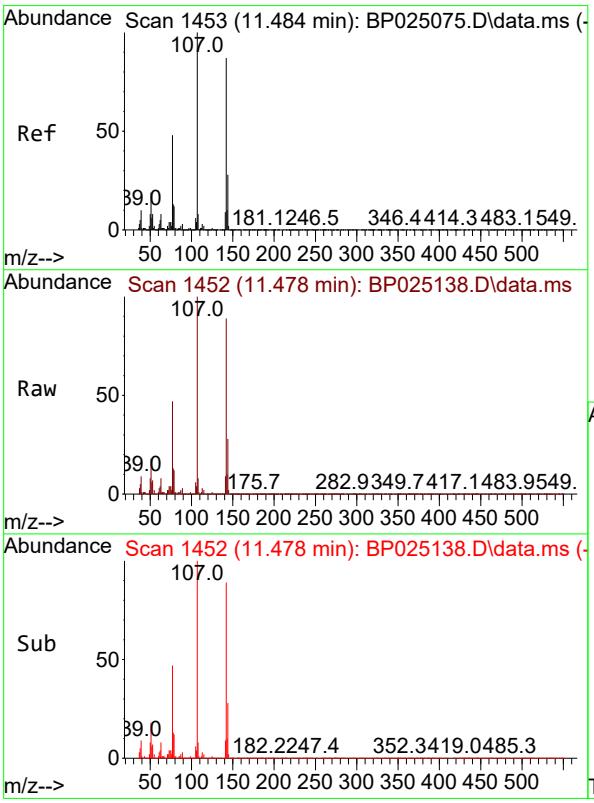
#35
Caprolactam
Concen: 35.063 ng
RT: 11.113 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 333474

Ion	Ratio	Lower	Upper
113	100		
55	138.3	128.1	168.1
56	103.5	90.7	130.7

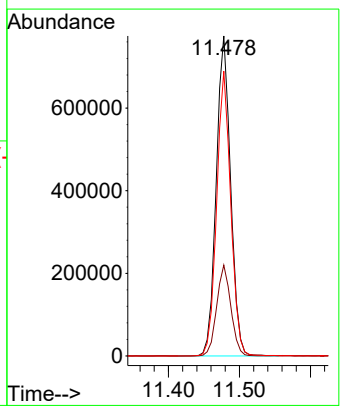


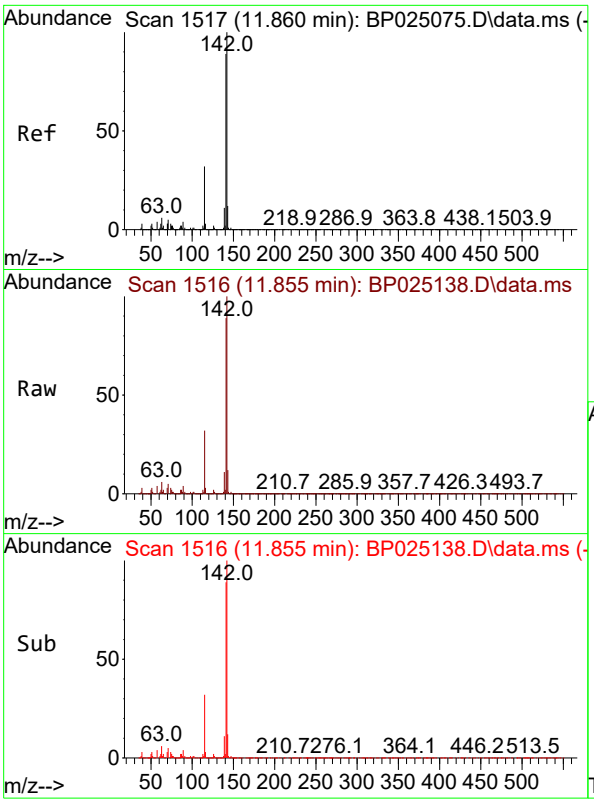


#36
4-Chloro-3-methylphenol
Concen: 37.255 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:107 Resp: 1082330

Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.4	33.6
142	89.0	69.6	104.4



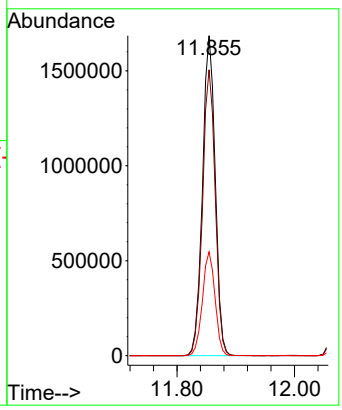


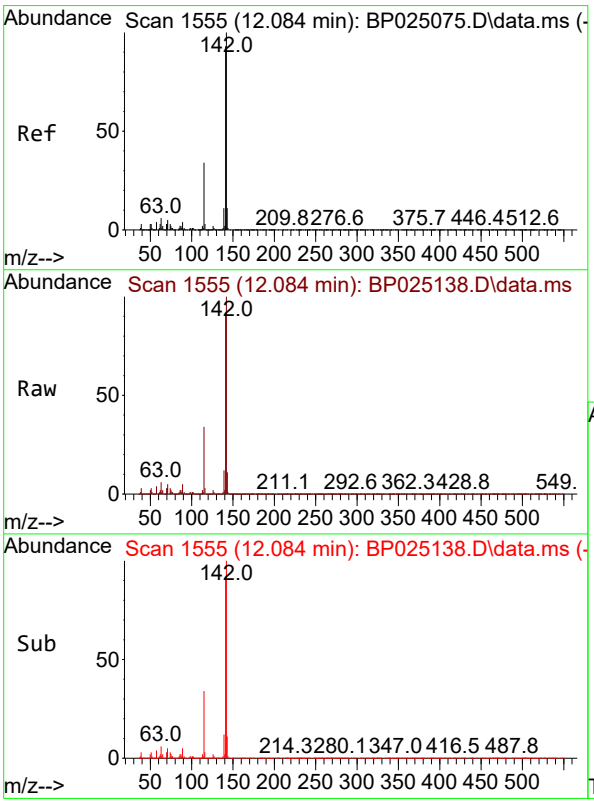
#37
2-Methylnaphthalene
Concen: 36.398 ng
RT: 11.855 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 2529303

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8
115	32.5	25.9	38.9

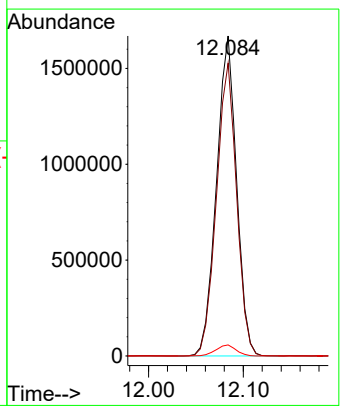


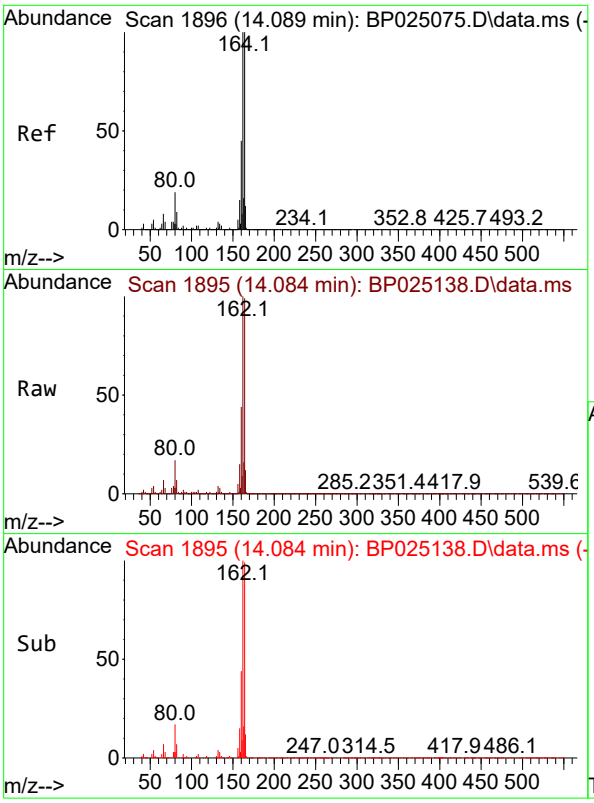


#38
1-Methylnaphthalene
Concen: 36.317 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:142 Resp: 2461306

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.1	111.1
116	3.5	2.7	4.1



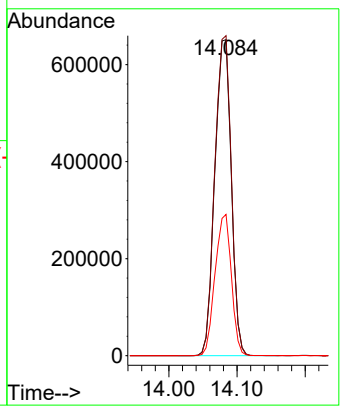


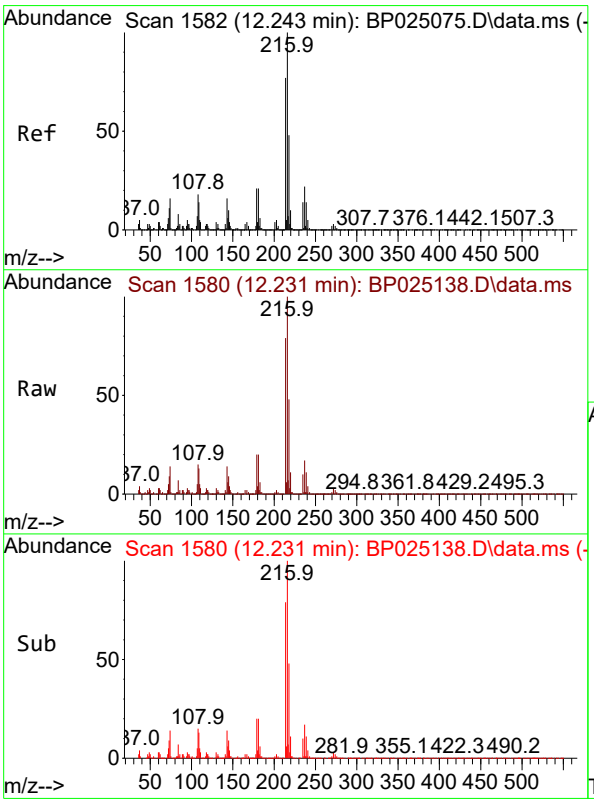
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 1092262

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.3	120.5
160	44.7	35.9	53.9

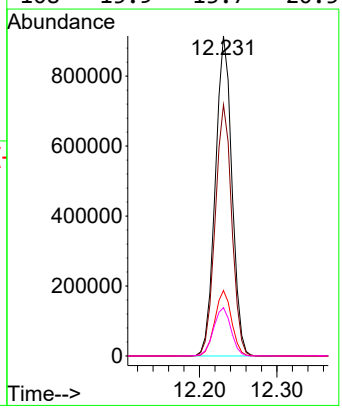


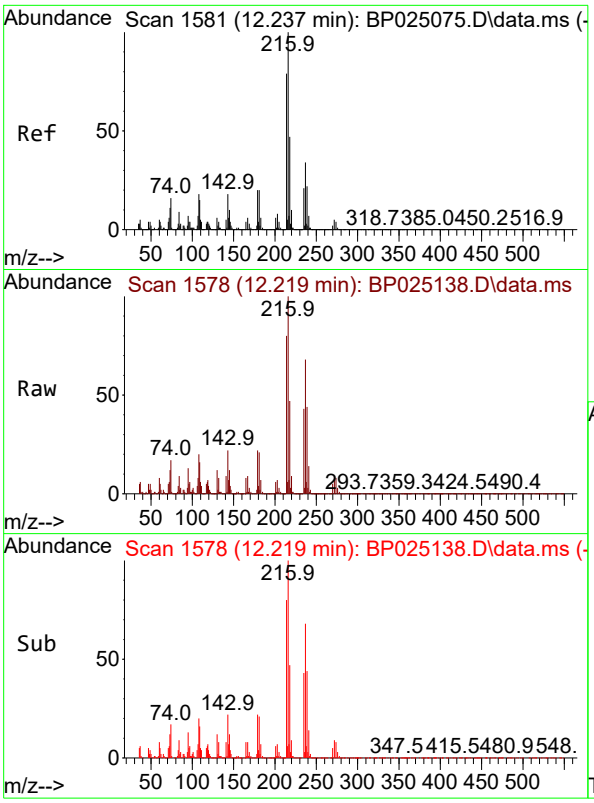


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.282 ng
RT: 12.231 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:216 Resp: 1358686

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.6	16.5	24.7
108	15.9	13.7	20.5



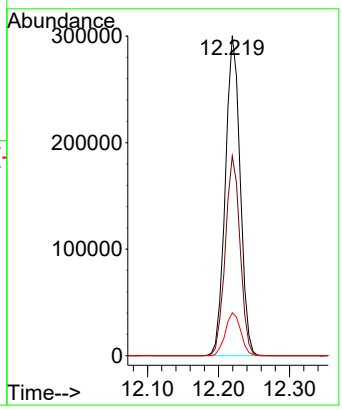


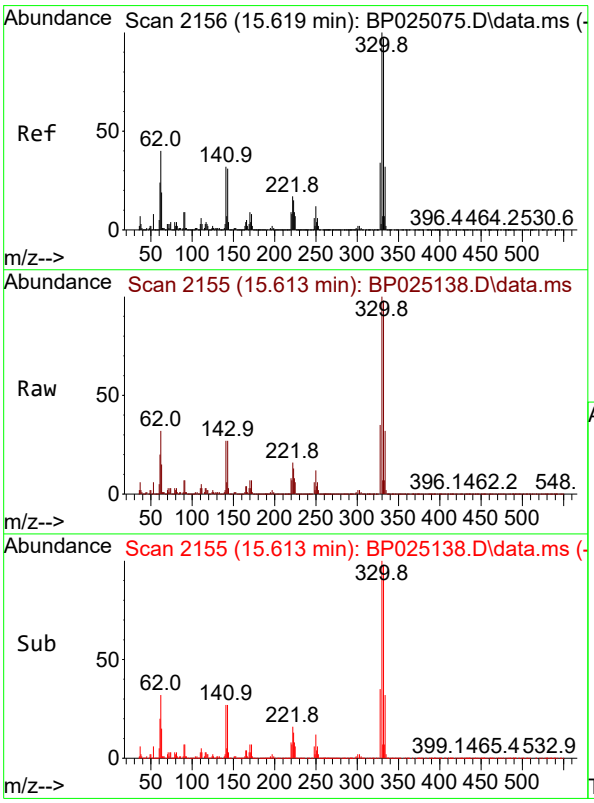
#41
Hexachlorocyclopentadiene
Concen: 52.790 ng
RT: 12.219 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 432854

Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.6	81.6
272	13.4	0.0	33.6

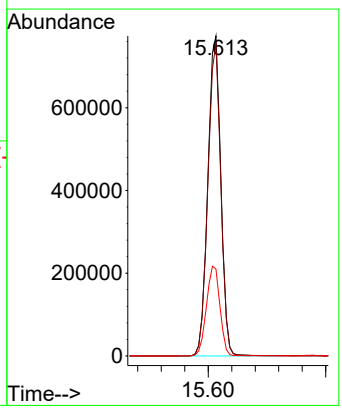


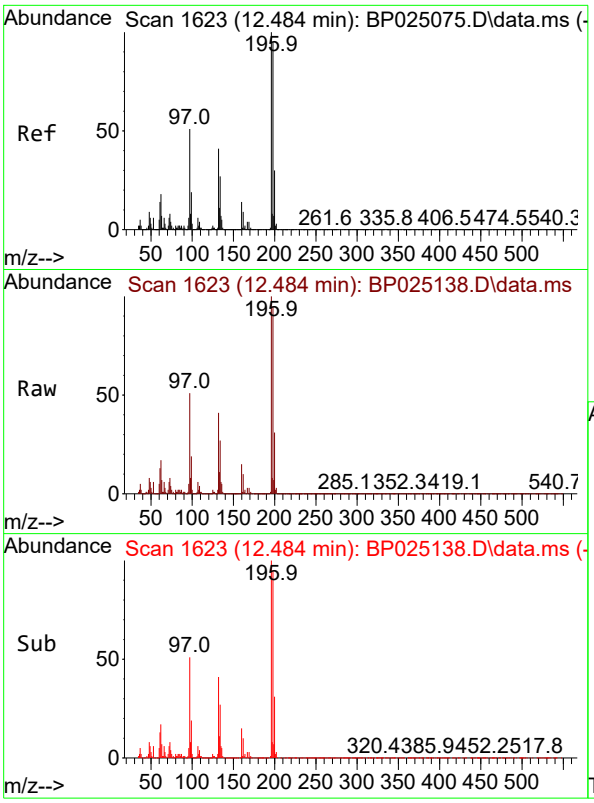


#42
2,4,6-Tribromophenol
Concen: 91.937 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:330 Resp: 1186292

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	29.1	26.0	39.0



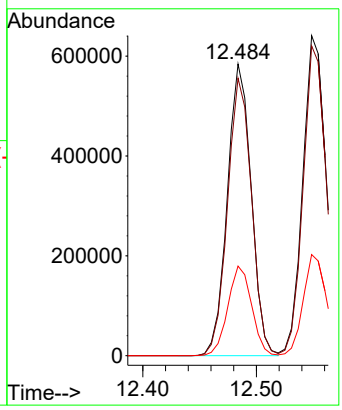


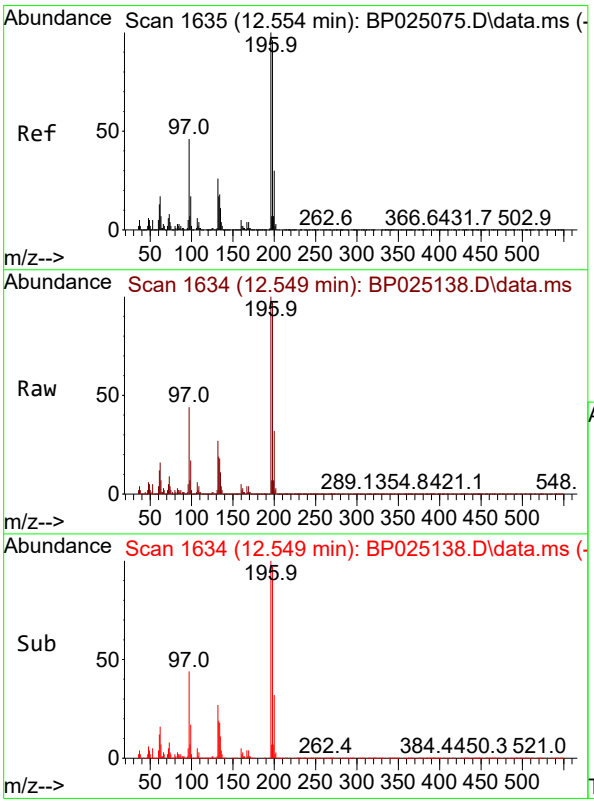
#43
2,4,6-Trichlorophenol
Concen: 44.935 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 854124

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.2	114.2
200	30.7	24.3	36.5

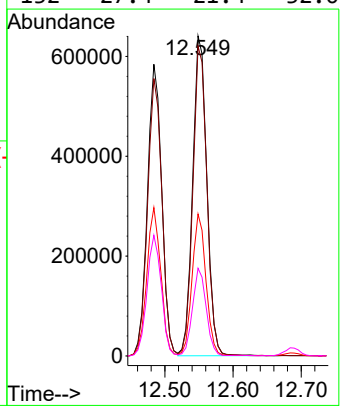


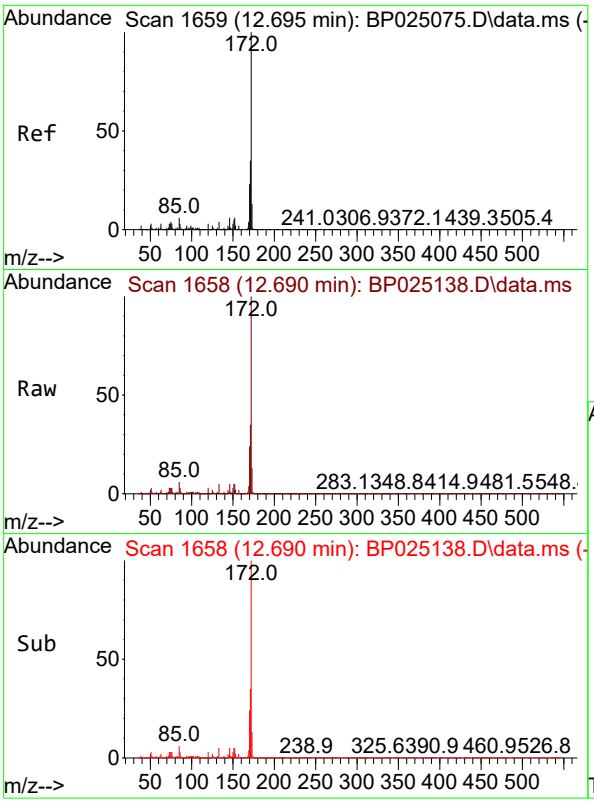


#44
2,4,5-Trichlorophenol
Concen: 42.884 ng
RT: 12.549 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:196 Resp: 923802

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.6	115.0
97	44.4	36.6	55.0
132	27.4	21.4	32.0



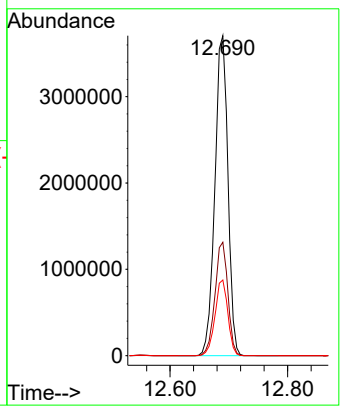


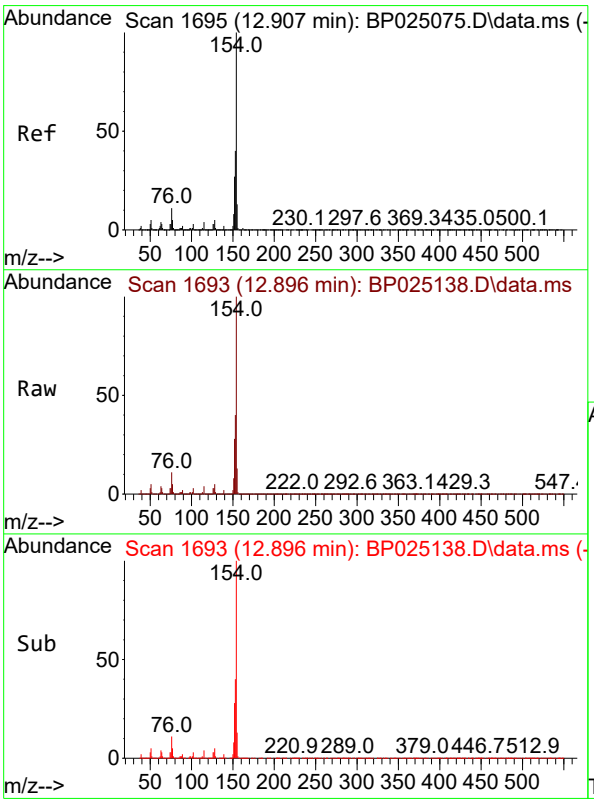
#45
2-Fluorobiphenyl
Concen: 80.788 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 5696052

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.6	18.7	28.1

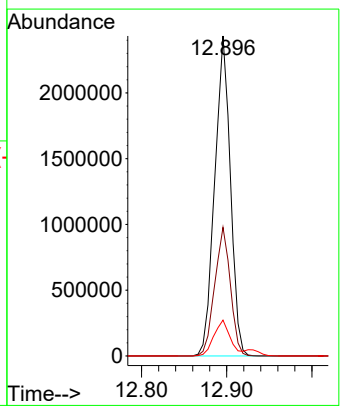


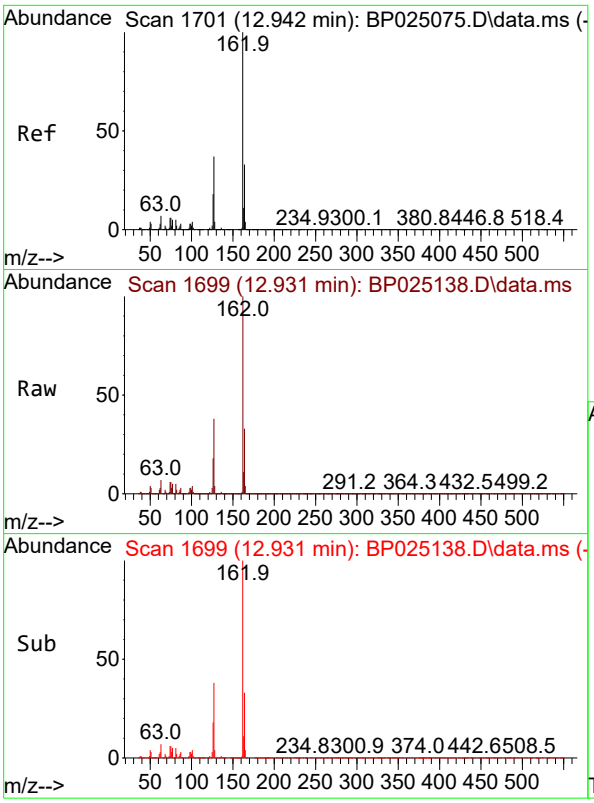


#46
1,1'-Biphenyl
Concen: 39.244 ng
RT: 12.896 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:154 Resp: 3118784

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	11.2	0.0	31.5



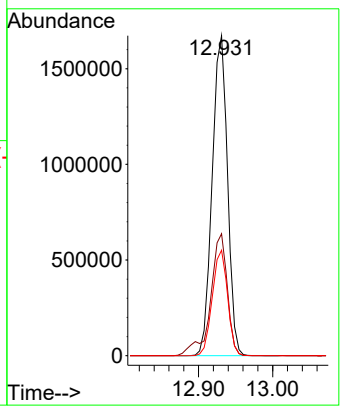


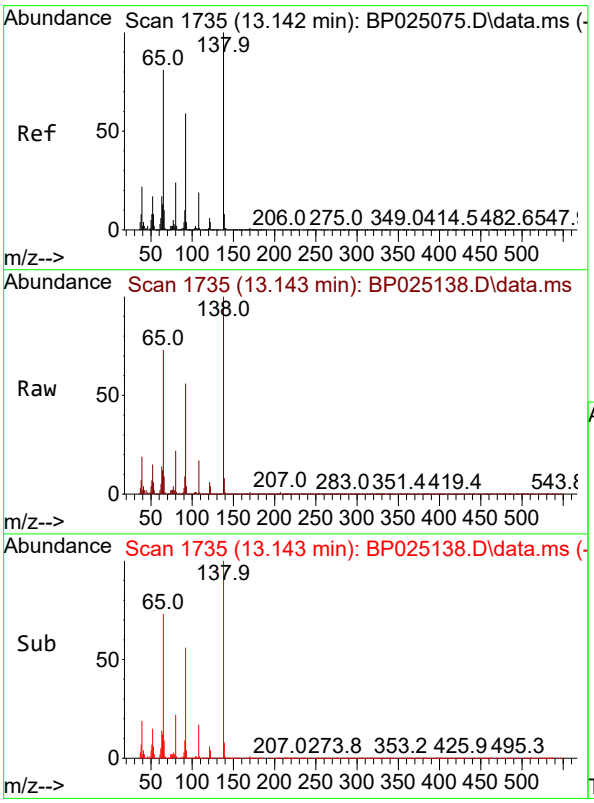
#47
2-Chloronaphthalene
Concen: 40.116 ng
RT: 12.931 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 2396183

Ion	Ratio	Lower	Upper
162	100		
127	38.1	29.4	44.2
164	33.0	26.4	39.6

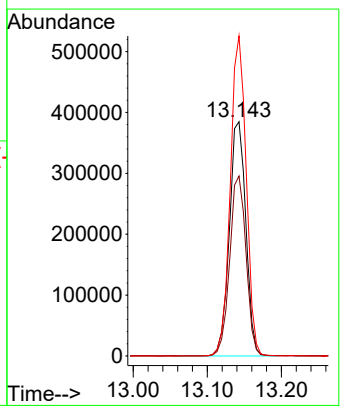


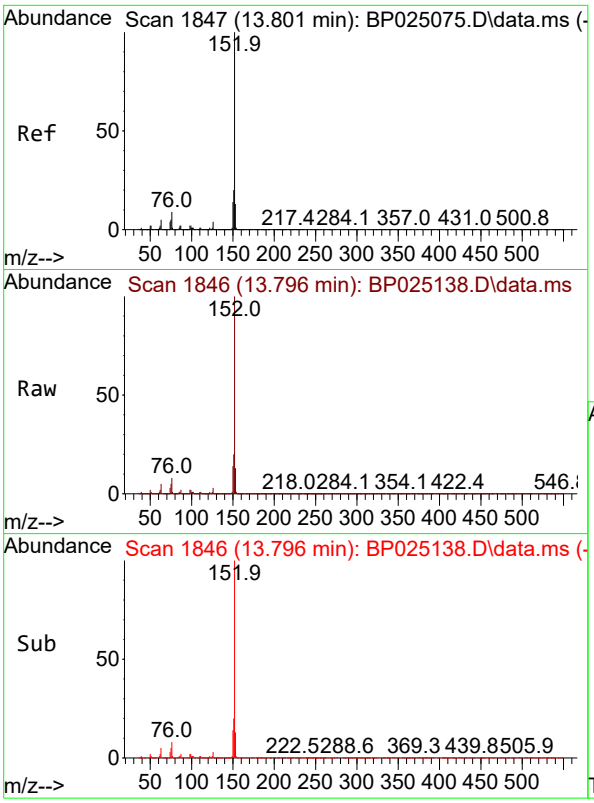


#48
2-Nitroaniline
Concen: 41.005 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 65 Resp: 593729

Ion	Ratio	Lower	Upper
65	100		
92	76.8	58.7	88.1
138	136.6	99.0	148.4



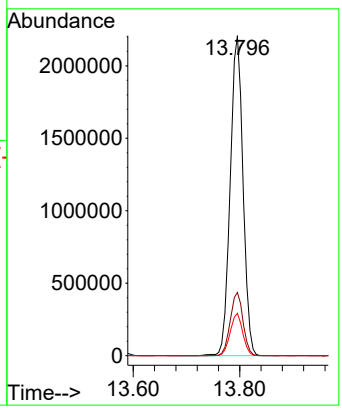


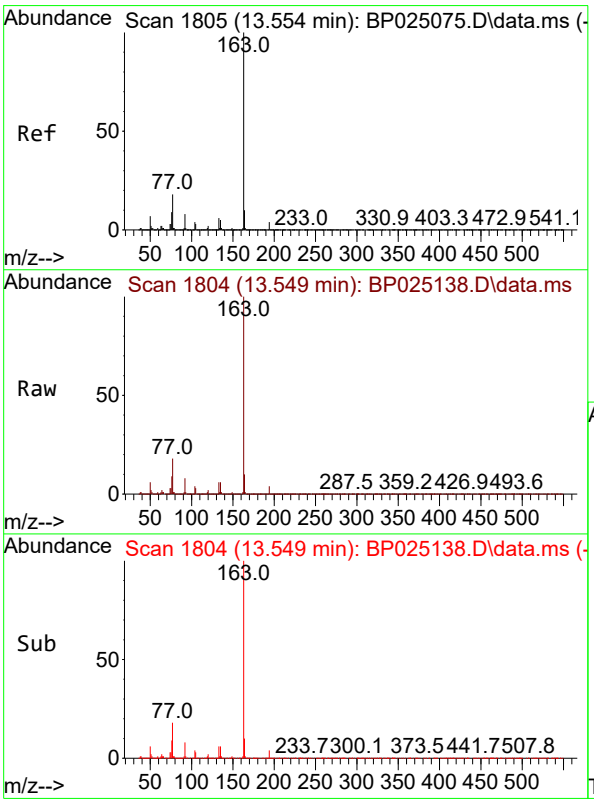
#49
Acenaphthylene
Concen: 40.232 ng
RT: 13.796 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 3678070

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.2	10.7	16.1

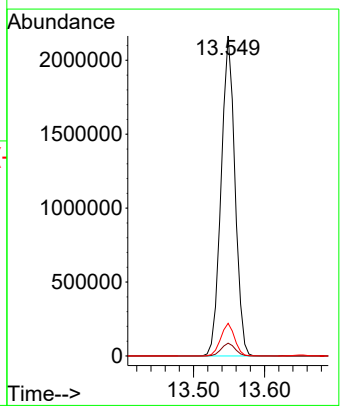


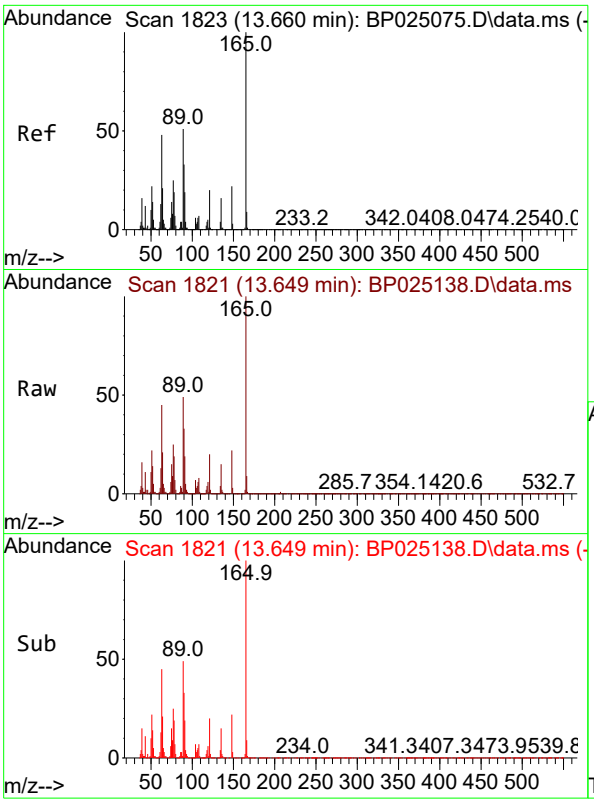


#50
Dimethylphthalate
Concen: 38.107 ng
RT: 13.549 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:163 Resp: 2913588

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.0	12.0



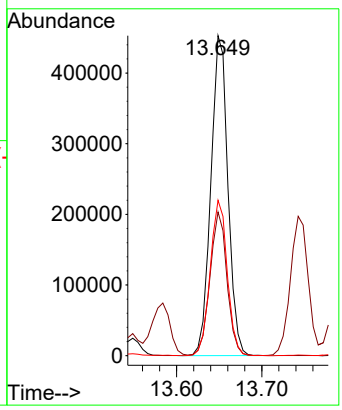


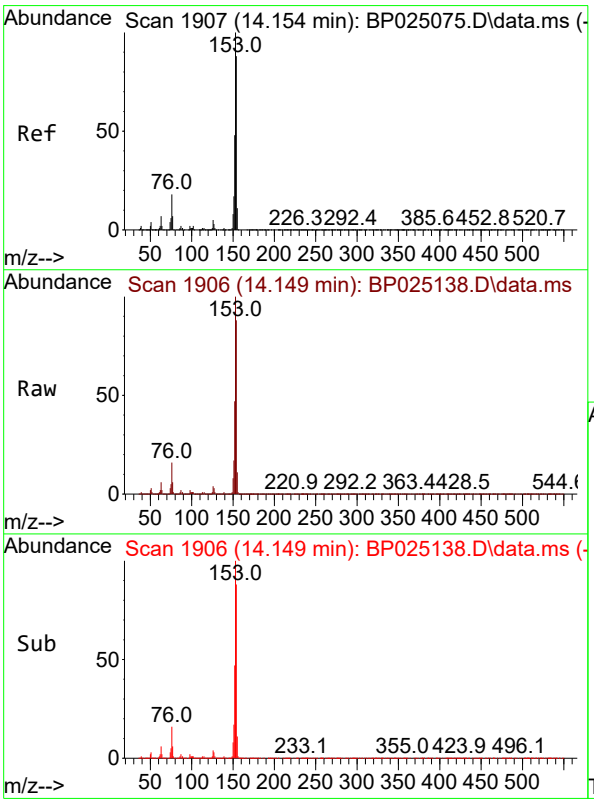
#51
2,6-Dinitrotoluene
Concen: 42.281 ng
RT: 13.649 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 630484

Ion	Ratio	Lower	Upper
165	100		
63	44.9	38.5	57.7
89	48.6	40.6	61.0

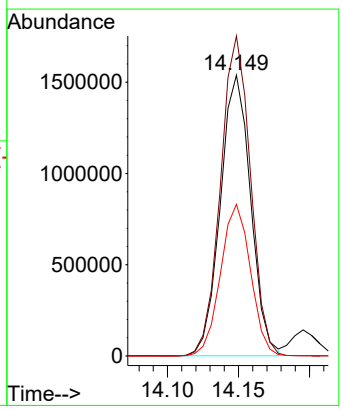


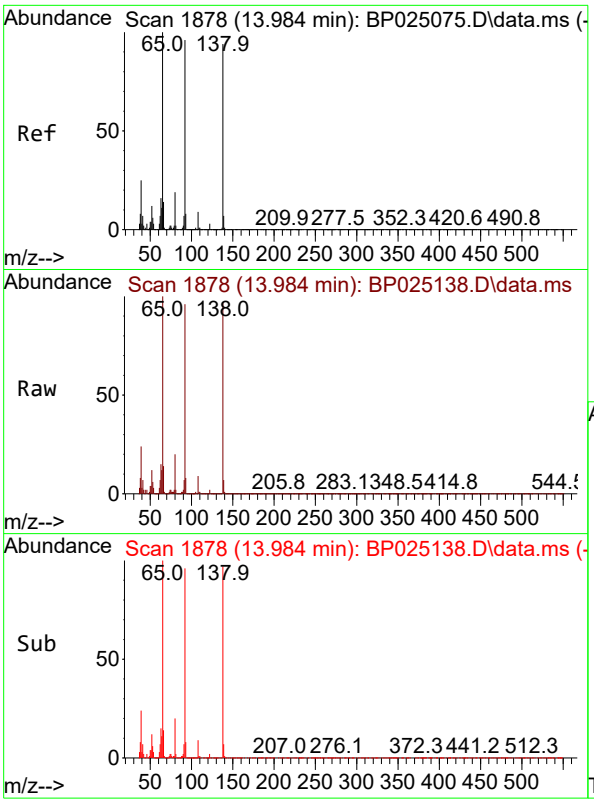


#52
Acenaphthene
Concen: 38.757 ng
RT: 14.149 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:154 Resp: 2283738

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.6	136.0
152	54.0	43.8	65.8



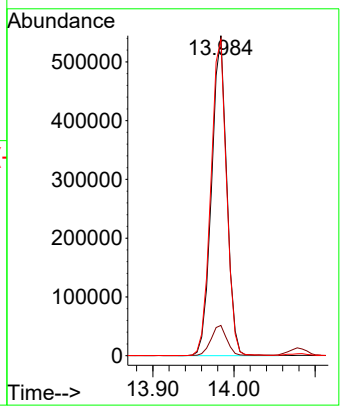


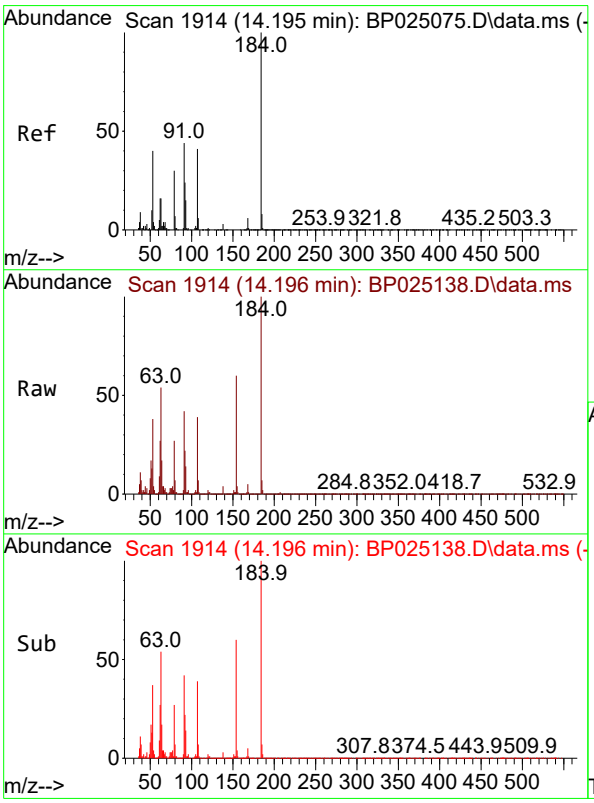
#53
3-Nitroaniline
Concen: 44.113 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 704959

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.8
92	98.8	81.0	121.4

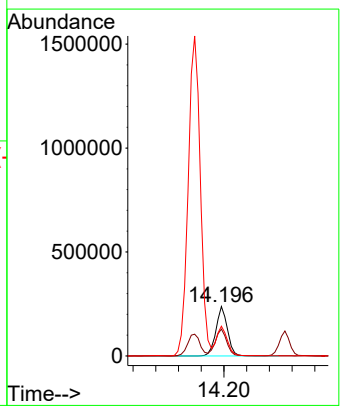


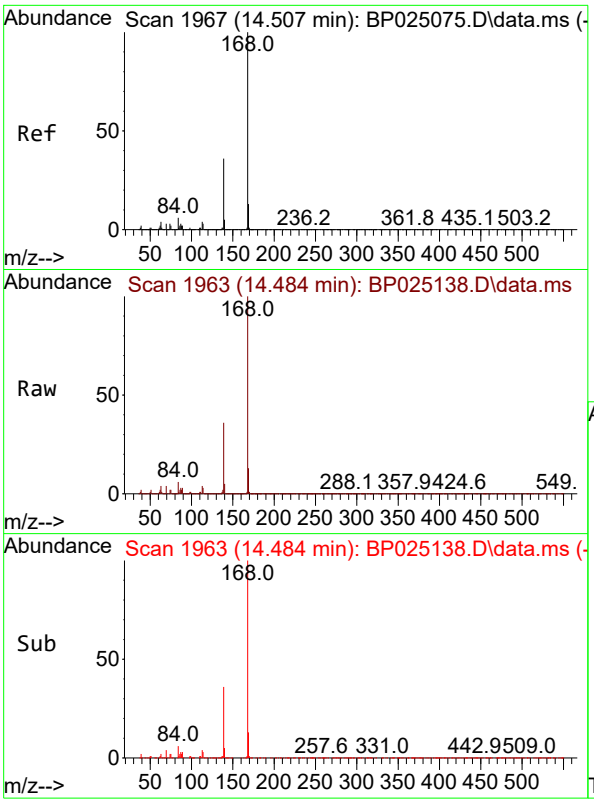


#54
2,4-Dinitrophenol
Concen: 48.071 ng
RT: 14.196 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:184 Resp: 333533

Ion	Ratio	Lower	Upper
184	100		
63	54.4	47.4	71.0
154	60.2	47.8	71.8



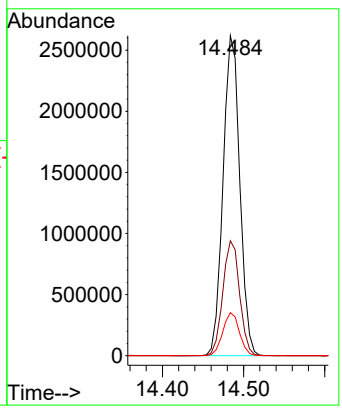


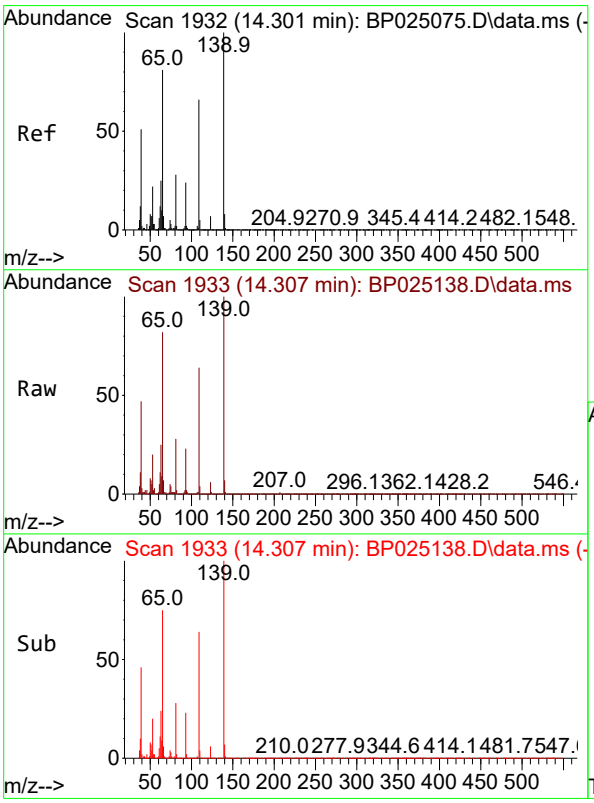
#55
Dibenzofuran
Concen: 38.580 ng
RT: 14.484 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 3751617

Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.6	43.0
169	13.4	10.7	16.1

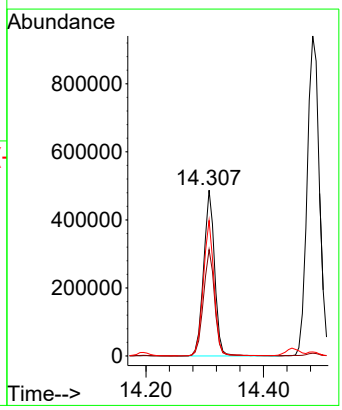


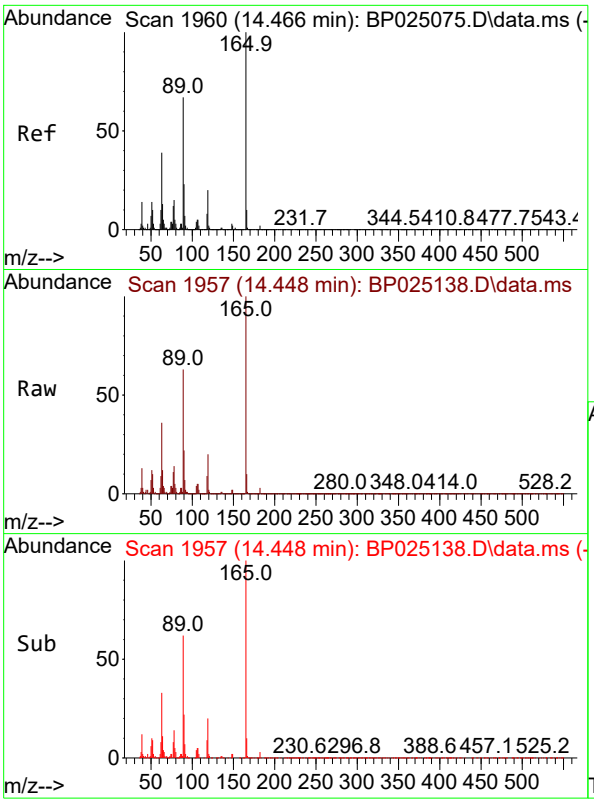


#56
4-Nitrophenol
Concen: 42.791 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:139 Resp: 631062

Ion	Ratio	Lower	Upper
139	100		
109	64.2	45.9	85.9
65	81.8	61.4	101.4



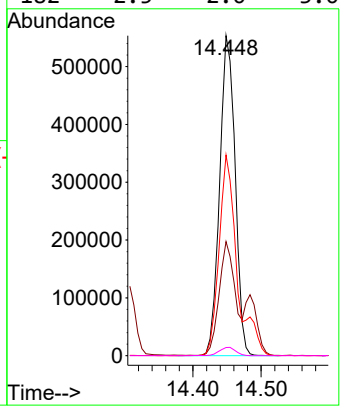


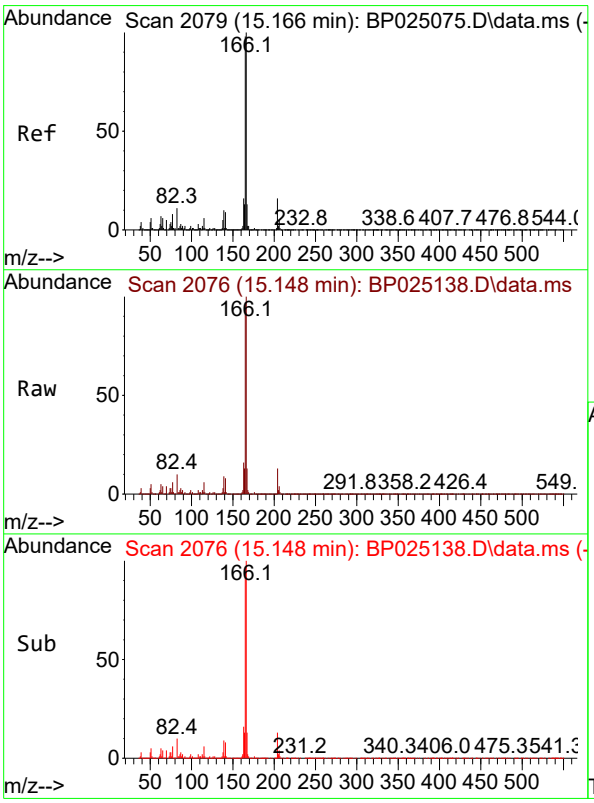
#57
2,4-Dinitrotoluene
Concen: 40.419 ng
RT: 14.448 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 874922

Ion	Ratio	Lower	Upper
165	100		
63	35.7	31.0	46.4
89	62.7	53.4	80.0
182	2.5	2.0	3.0

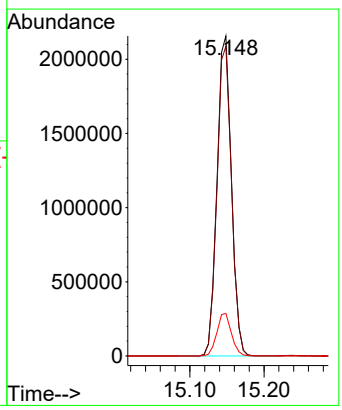


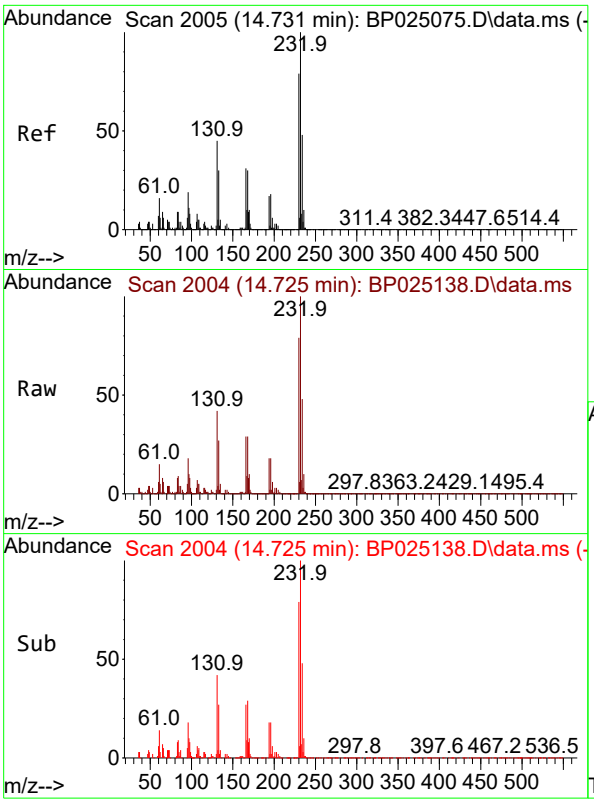


#58
Fluorene
Concen: 38.684 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:166 Resp: 2909661

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.6	117.8
167	13.3	10.7	16.1



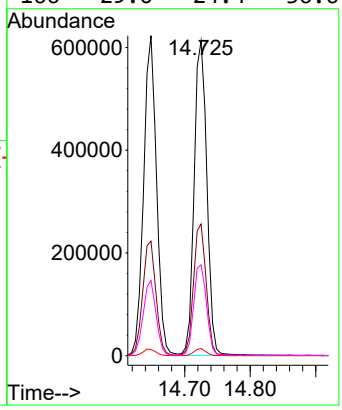


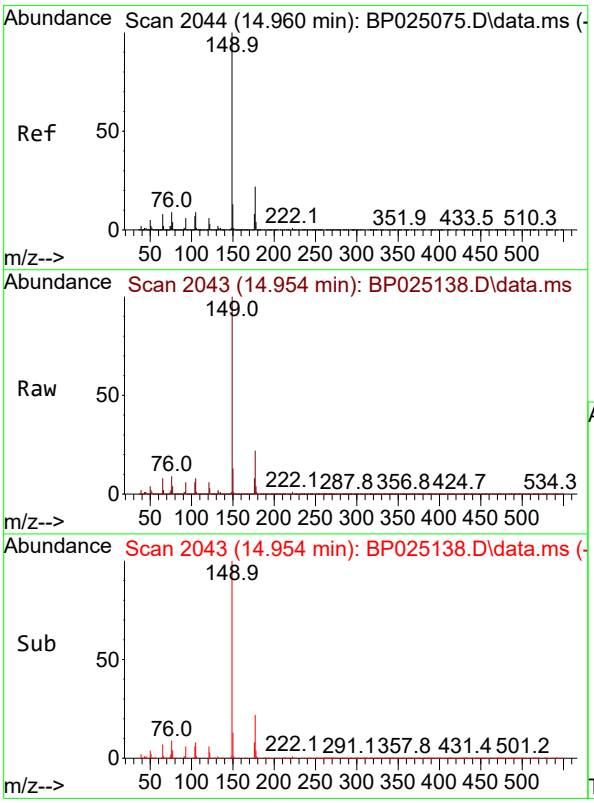
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.379 ng
RT: 14.725 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 826703

Ion	Ratio	Lower	Upper
232	100		
131	41.5	35.7	53.5
130	2.2	1.8	2.6
166	29.0	24.4	36.6

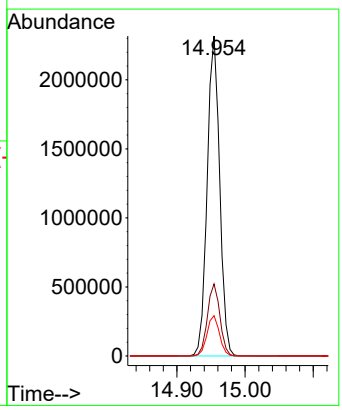


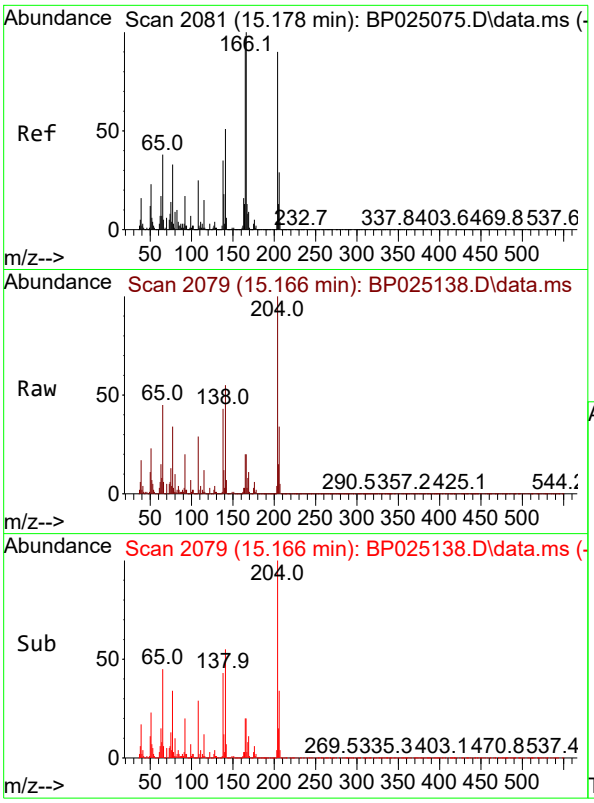


#60
Diethylphthalate
Concen: 38.337 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:149 Resp: 2944042

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.8	26.8
150	12.6	10.2	15.2



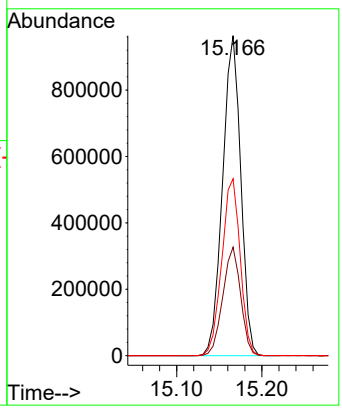


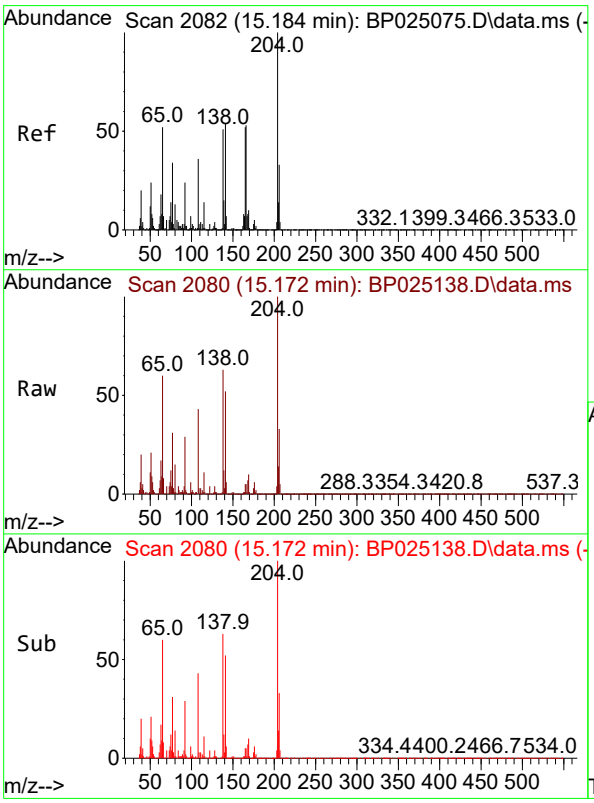
#61
4-Chlorophenyl-phenylether
Concen: 38.415 ng
RT: 15.166 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1429908

Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.8	38.6
141	55.3	45.1	67.7

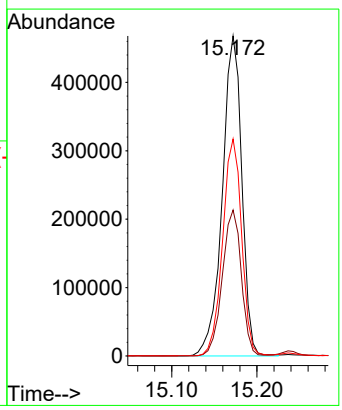


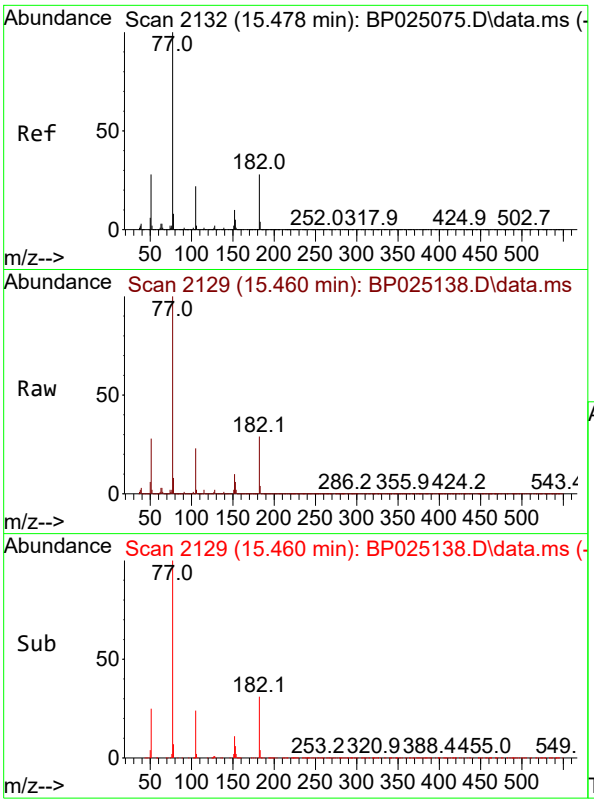


#62
4-Nitroaniline
Concen: 44.603 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:138 Resp: 747413

Ion	Ratio	Lower	Upper
138	100		
92	45.6	26.0	66.0
108	67.8	50.0	90.0



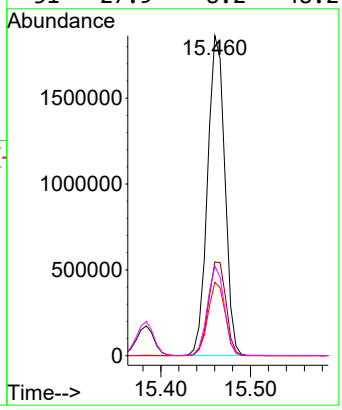


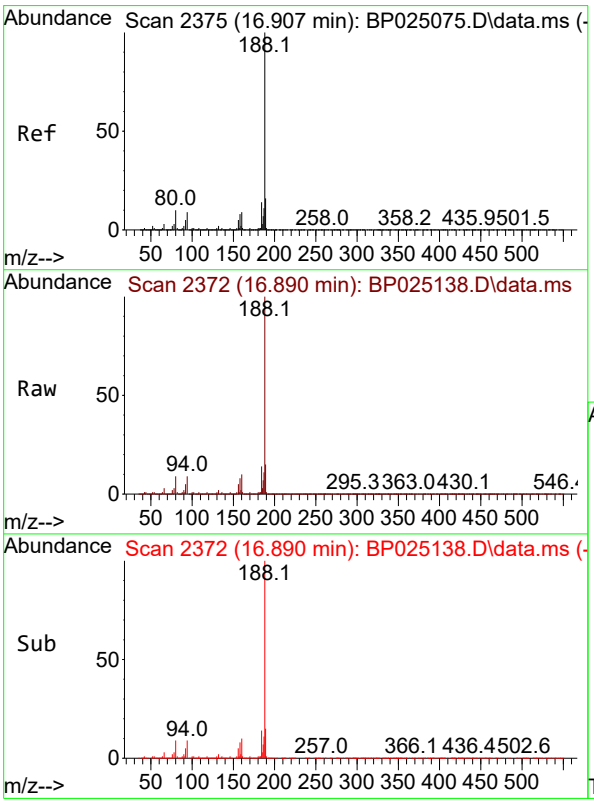
#63
Azobenzene
Concen: 36.313 ng
RT: 15.460 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2483159

Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.7	47.7
105	23.0	1.9	41.9
51	27.9	8.2	48.2

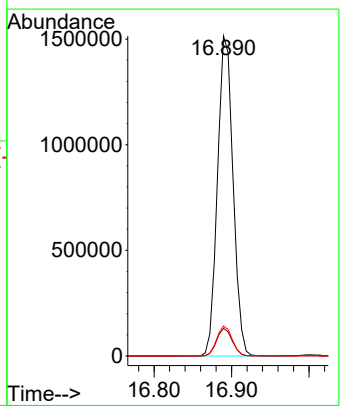


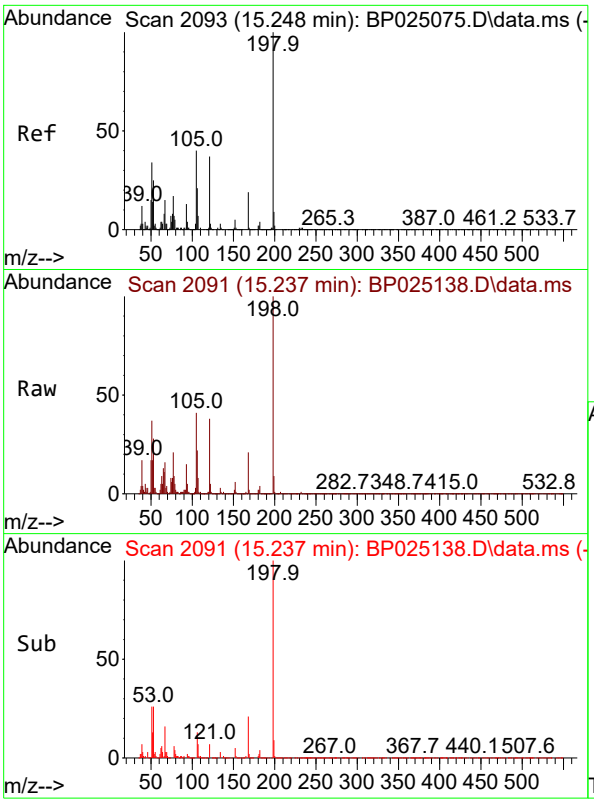


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.890 min Scan# 2372
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:188 Resp: 2112947

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.4	7.8	11.6



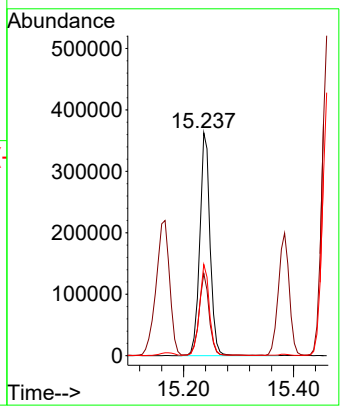


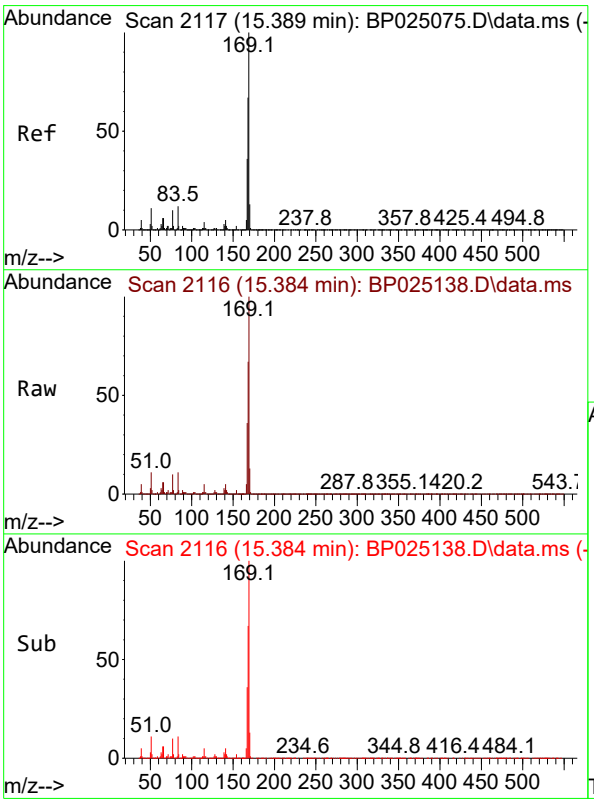
#65
4,6-Dinitro-2-methylphenol
Concen: 48.858 ng
RT: 15.237 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 470864

Ion	Ratio	Lower	Upper
198	100		
51	36.9	16.8	56.8
105	40.9	20.8	60.8

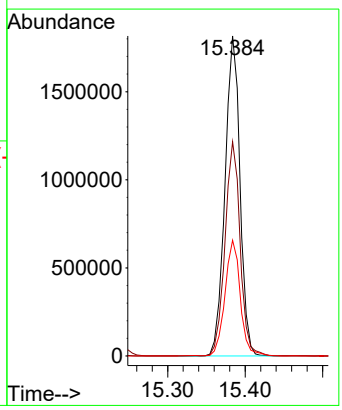


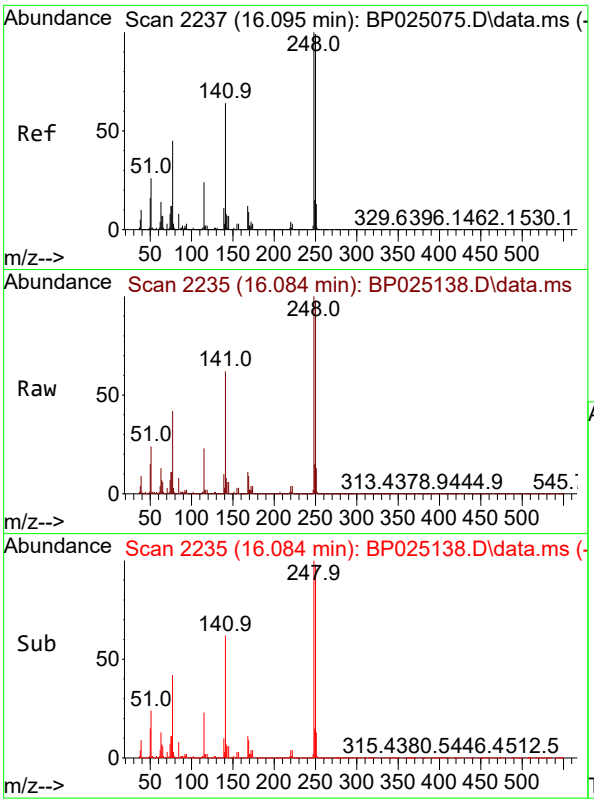


#66
n-Nitrosodiphenylamine
Concen: 40.322 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:169 Resp: 2438227

Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.1	81.1
167	36.1	29.0	43.6



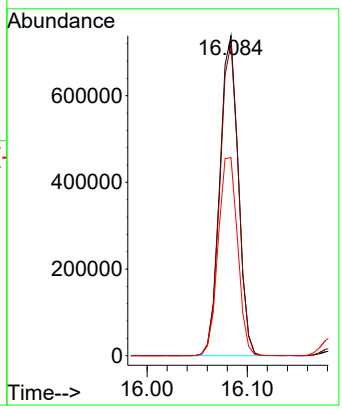


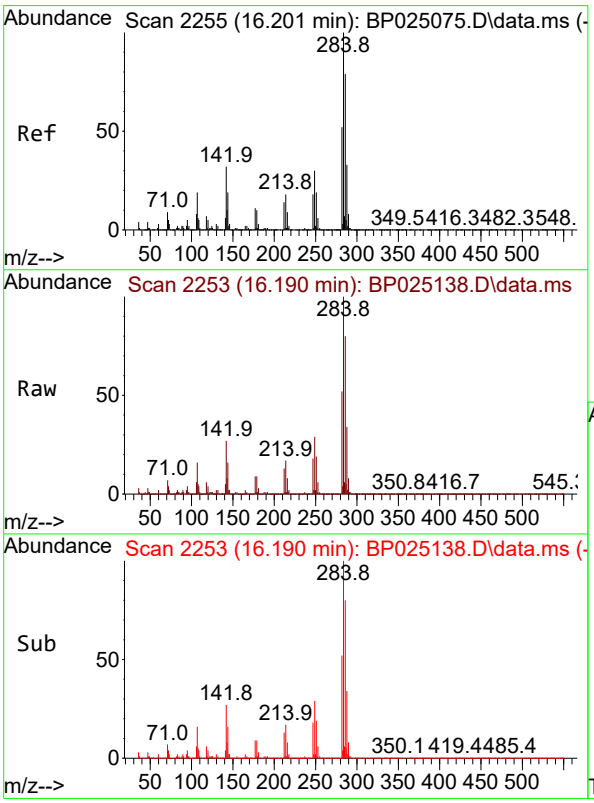
#67
4-Bromophenyl-phenylether
Concen: 43.646 ng
RT: 16.084 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 944253

Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.4	119.2
141	61.9	51.4	77.0

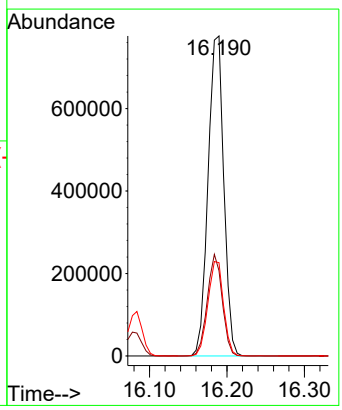


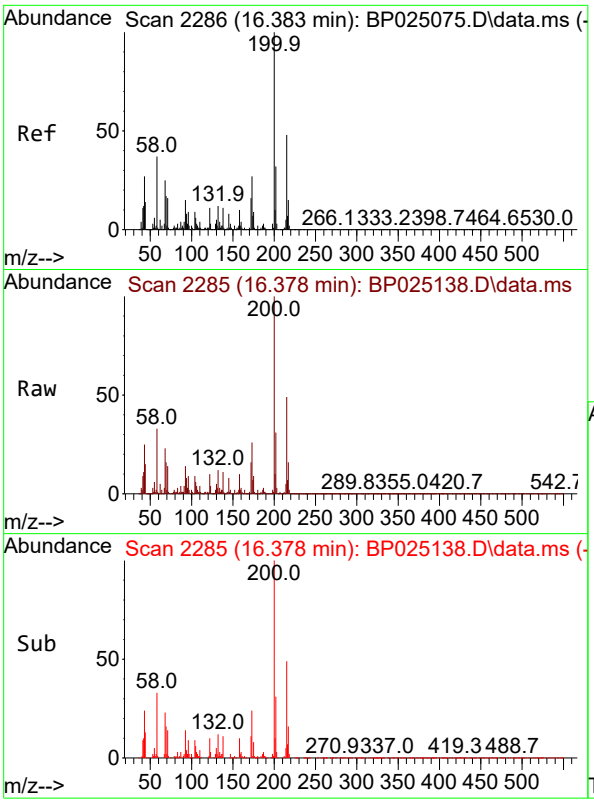


#68
Hexachlorobenzene
Concen: 41.331 ng
RT: 16.190 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:284 Resp: 1092907

Ion	Ratio	Lower	Upper
284	100		
142	26.7	25.9	38.9
249	29.2	23.8	35.8



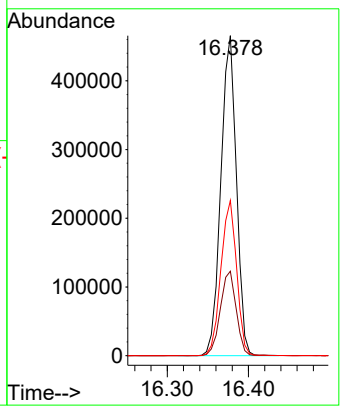


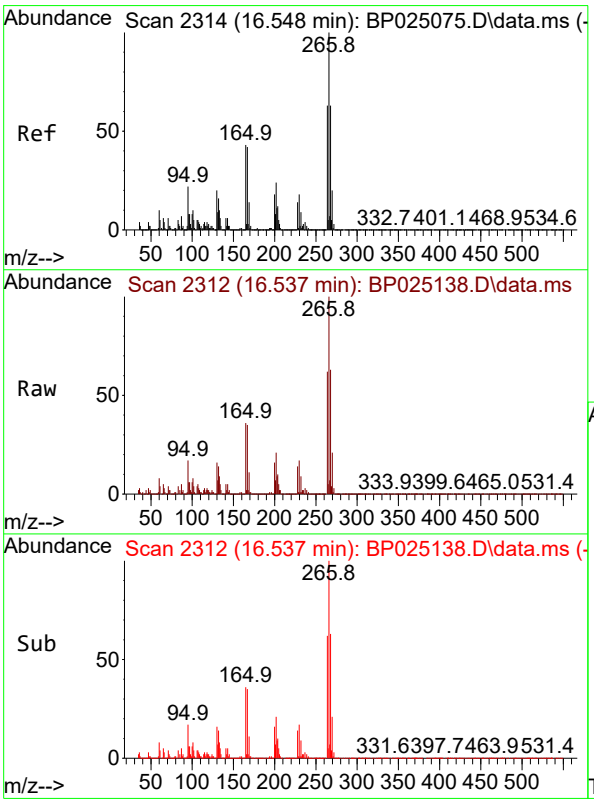
#69
Atrazine
Concen: 35.017 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 620482

Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	48.5	28.0	68.0

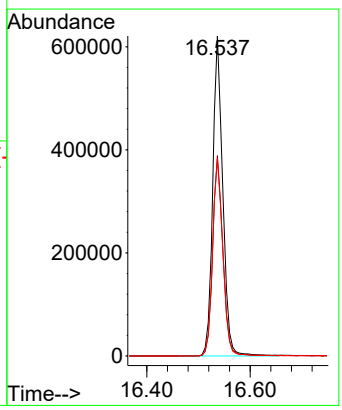


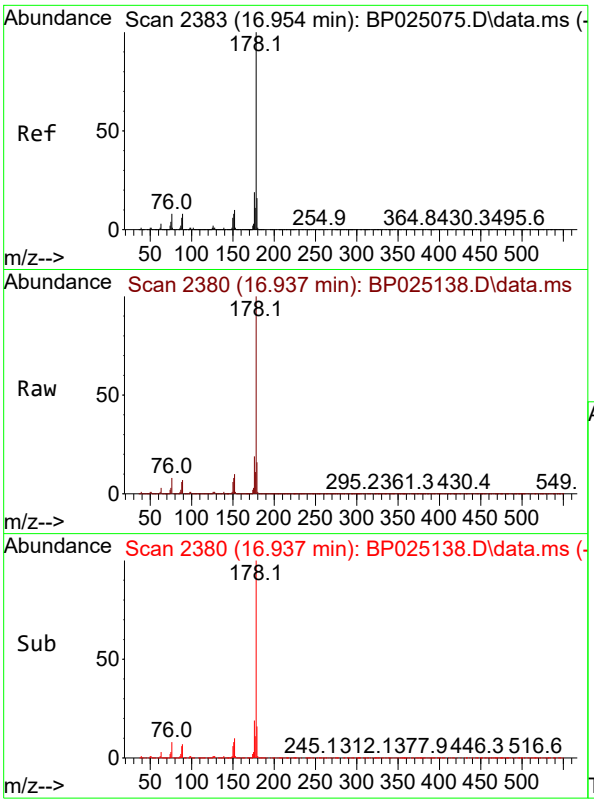


#70
Pentachlorophenol
Concen: 46.787 ng
RT: 16.537 min Scan# 2312
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:266 Resp: 835548

Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.4	75.6
264	61.7	50.2	75.2



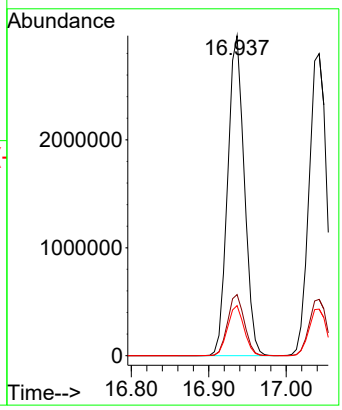


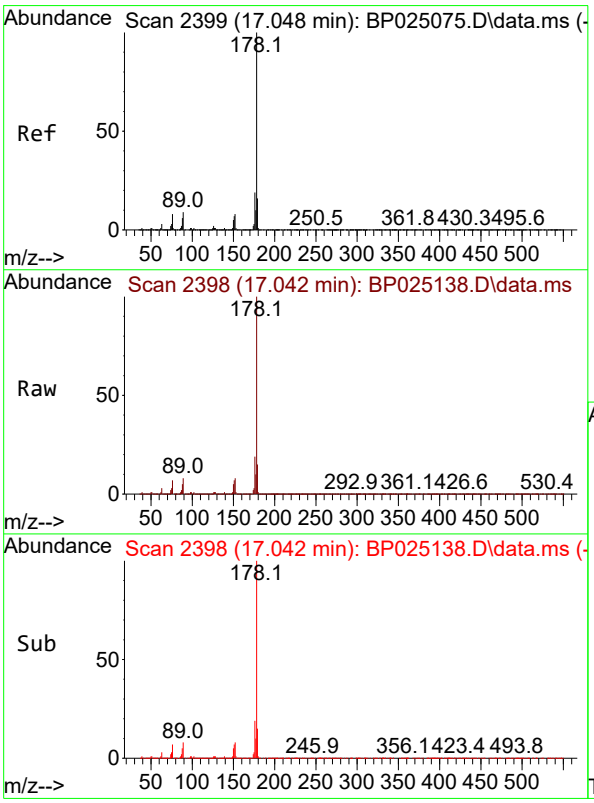
#71
Phenanthrene
Concen: 39.172 ng
RT: 16.937 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 4422649

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.7	12.6	19.0

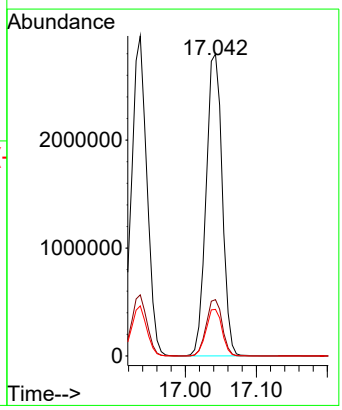


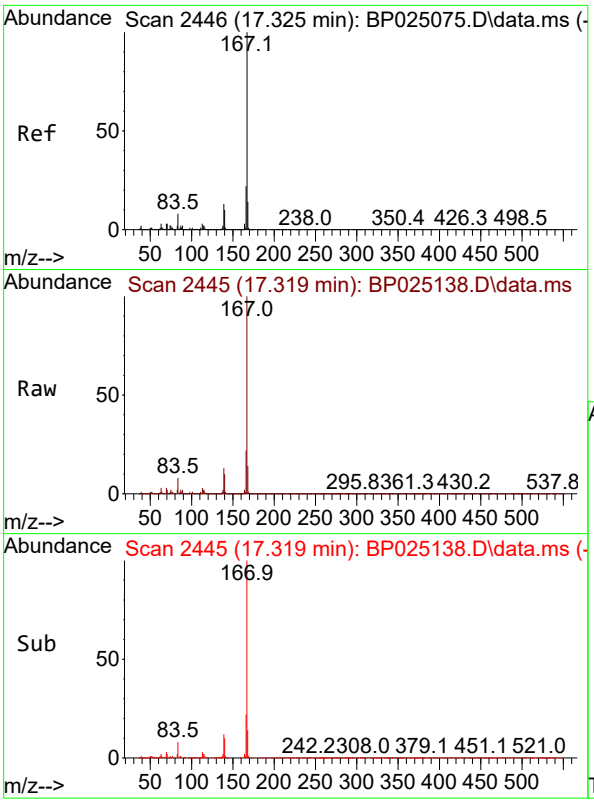


#72
Anthracene
Concen: 40.692 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:178 Resp: 4407571

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.4	12.5	18.7



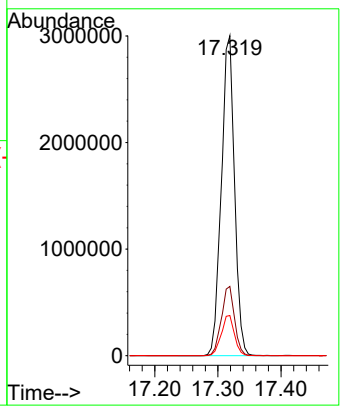


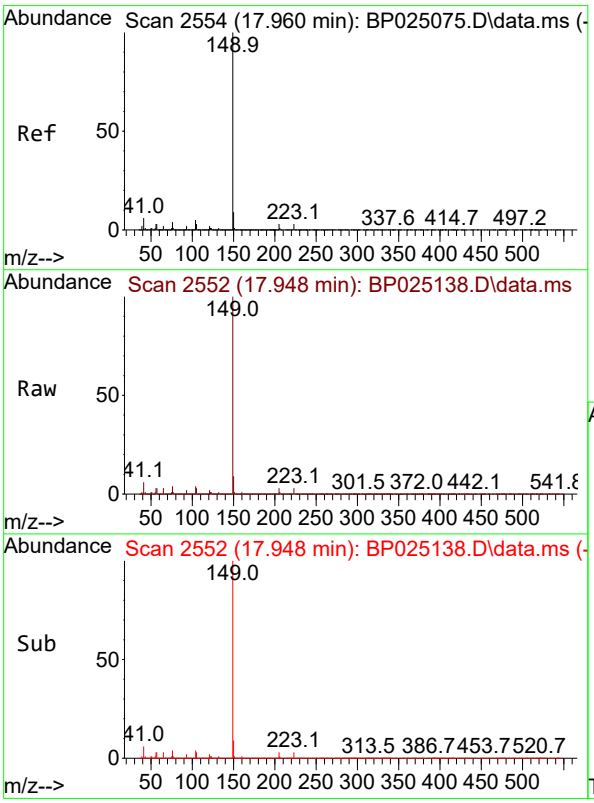
#73
Carbazole
Concen: 40.996 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 4341714

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	12.6	10.4	15.6

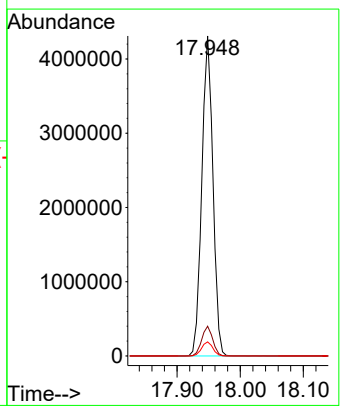


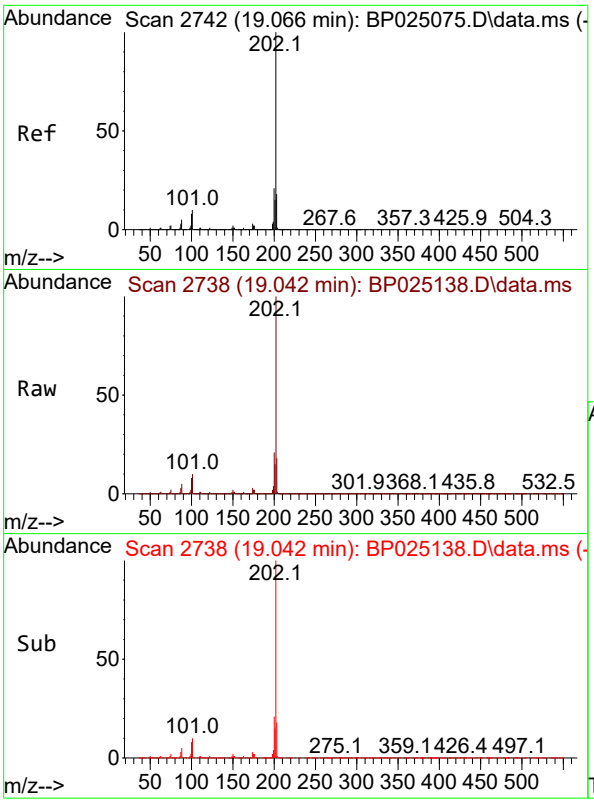


#74
Di-n-butylphthalate
Concen: 44.505 ng
RT: 17.948 min Scan# 2552
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:149 Resp: 5248706

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.4	3.8	5.6



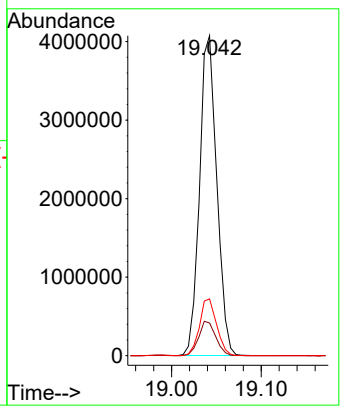


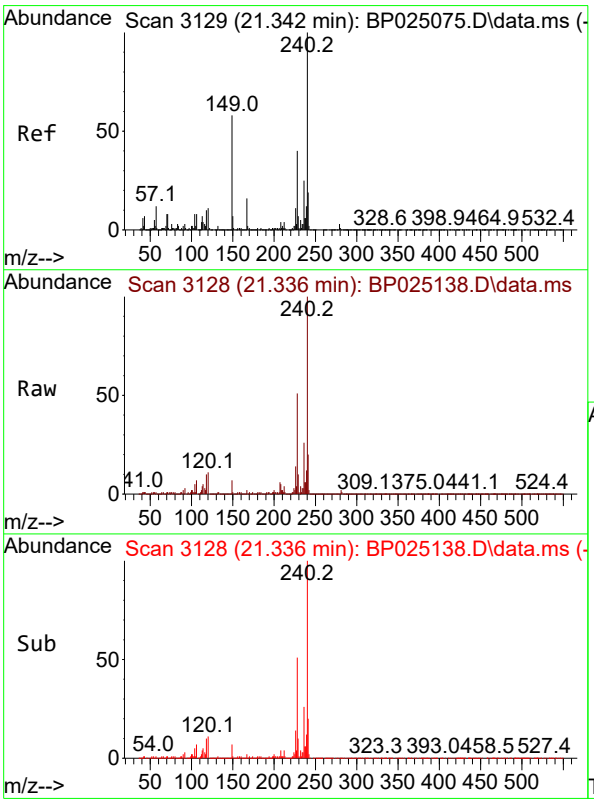
#75
Fluoranthene
Concen: 41.167 ng
RT: 19.042 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 5432893

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.4
203	17.8	0.0	37.6

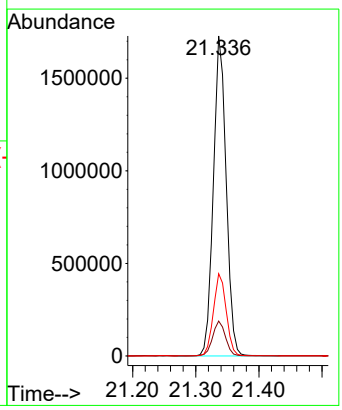


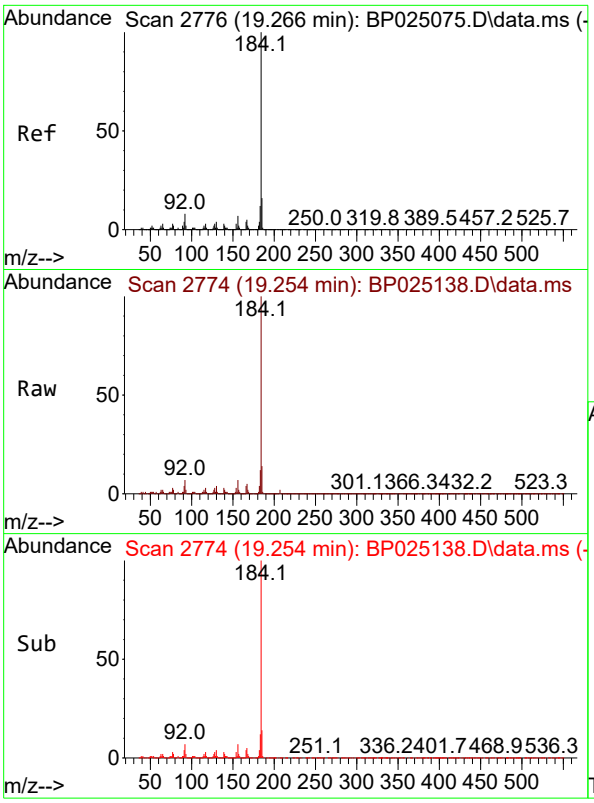


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:240 Resp: 2423209

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	25.7	20.3	30.5



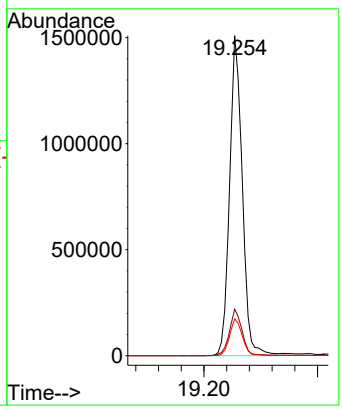


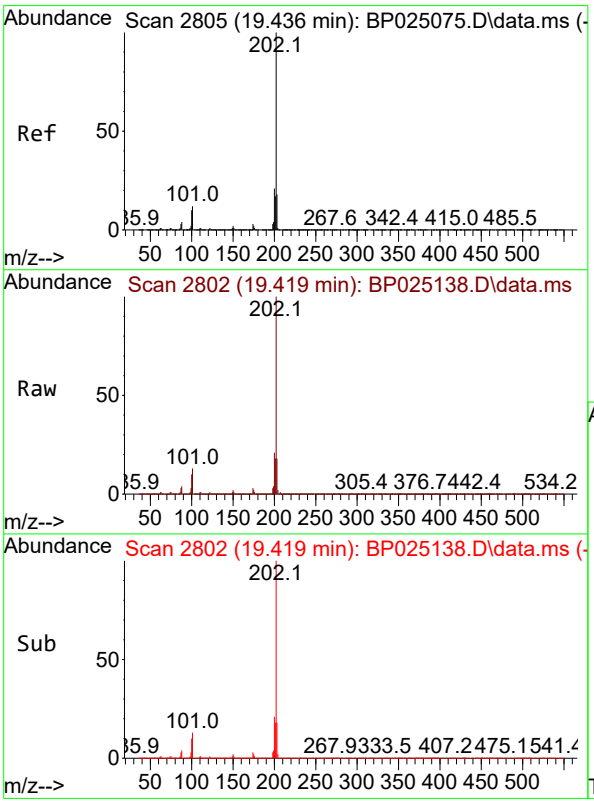
#77
Benzidine
Concen: 54.675 ng
RT: 19.254 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 2339949

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.5	9.4	14.2

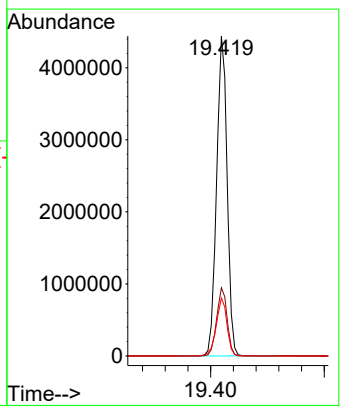


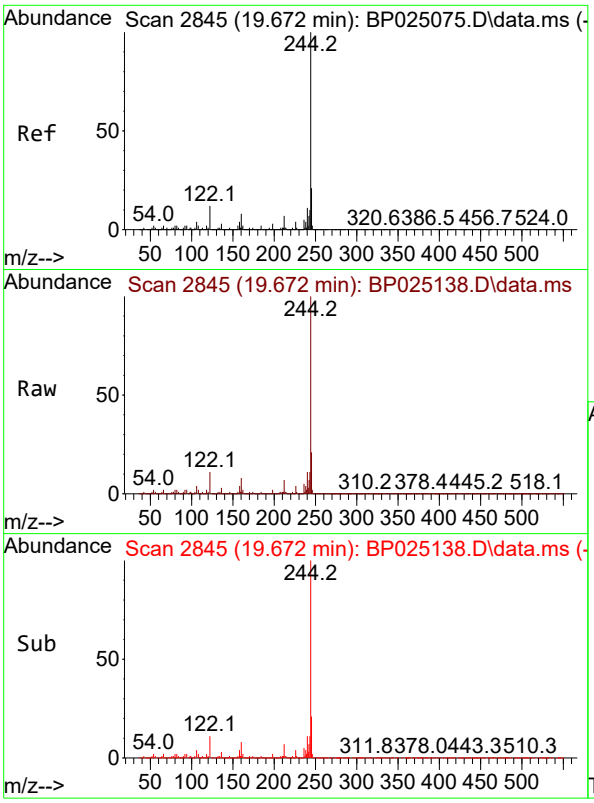


#78
Pyrene
Concen: 37.962 ng
RT: 19.419 min Scan# 2802
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:202 Resp: 5697689

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	18.1	14.1	21.1



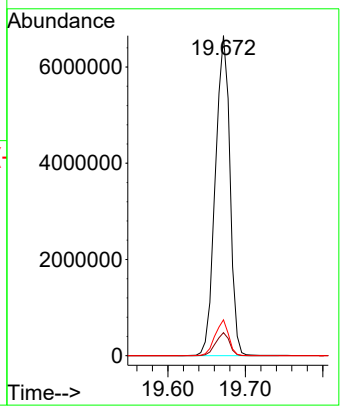


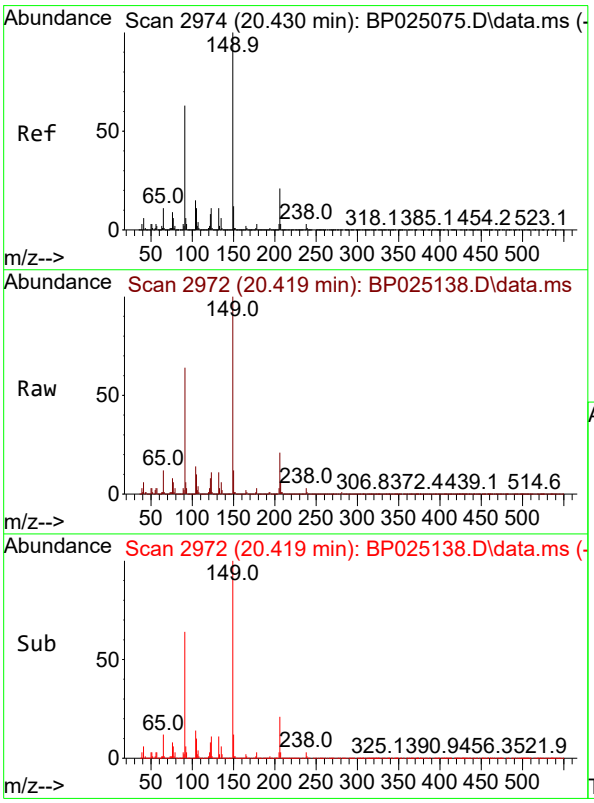
#79
Terphenyl-d14
Concen: 78.772 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 8685146

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.2	9.4	14.2

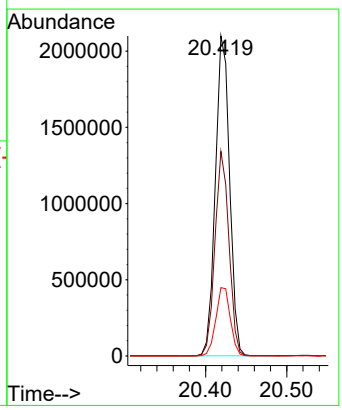


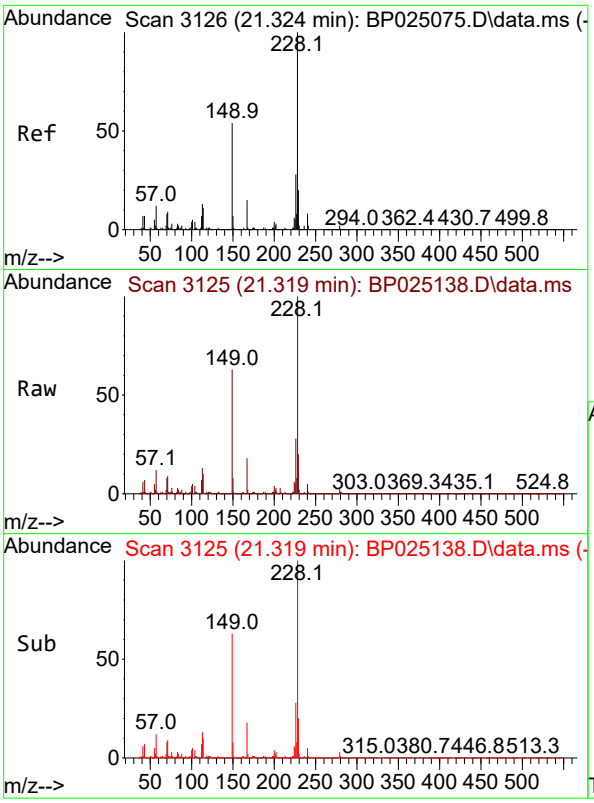


#80
Butylbenzylphthalate
Concen: 44.517 ng
RT: 20.419 min Scan# 2972
Delta R.T. -0.011 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:149 Resp: 2557535

Ion	Ratio	Lower	Upper
149	100		
91	63.9	50.6	76.0
206	21.4	17.2	25.8



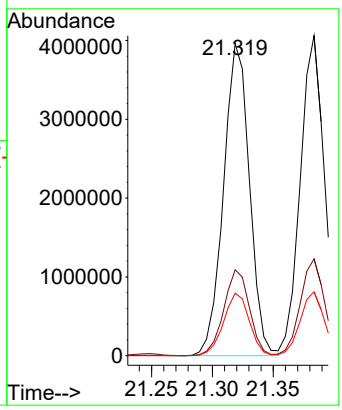


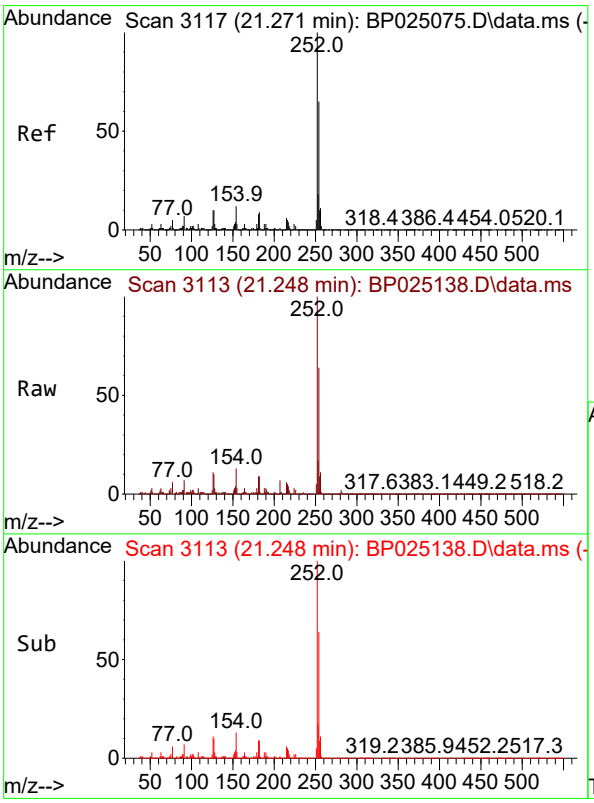
#81
Benzo(a)anthracene
Concen: 40.034 ng
RT: 21.319 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5878963

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	20.0	16.0	24.0

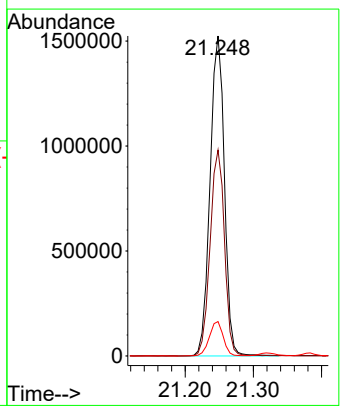


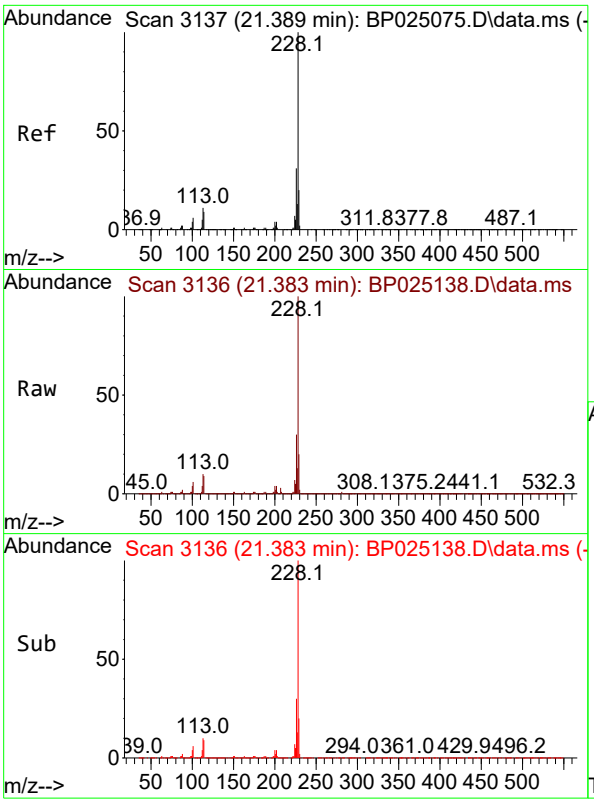


#82
3,3'-Dichlorobenzidine
Concen: 50.434 ng
RT: 21.248 min Scan# 3113
Delta R.T. -0.023 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:252 Resp: 2229564

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.9	77.9
126	10.7	8.1	12.1



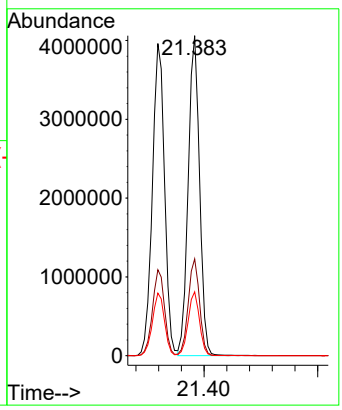


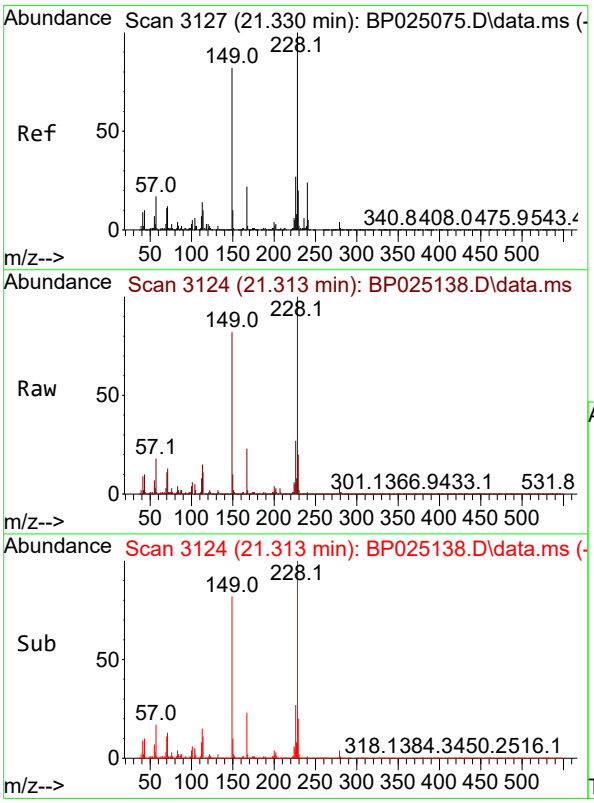
#83
Chrysene
Concen: 39.815 ng
RT: 21.383 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5626605

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	20.0	16.0	24.0

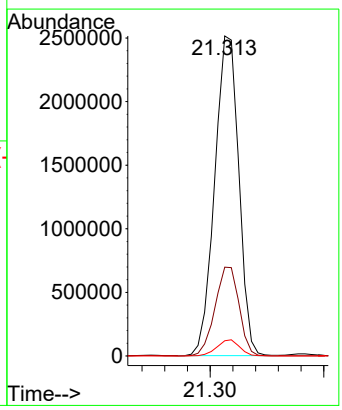


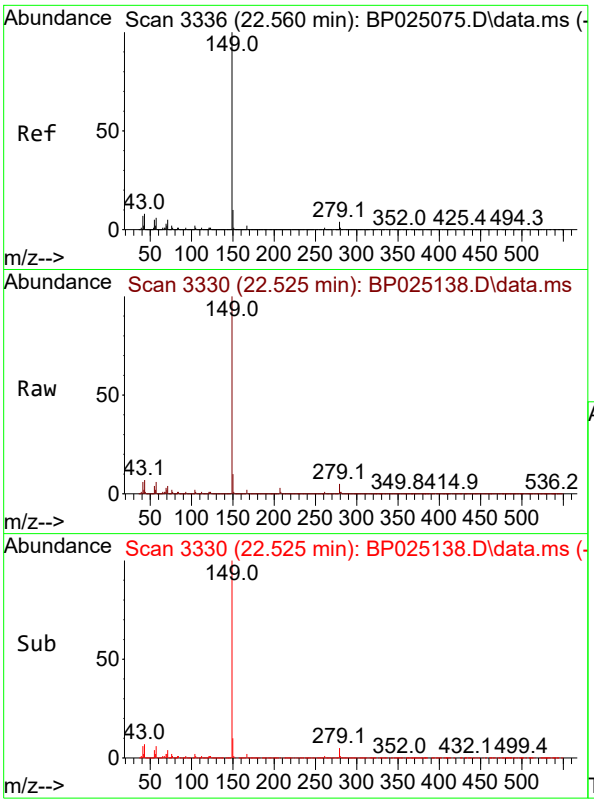


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.050 ng
RT: 21.313 min Scan# 3124
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:149 Resp: 3706065

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.9	32.9
279	4.8	3.5	5.3



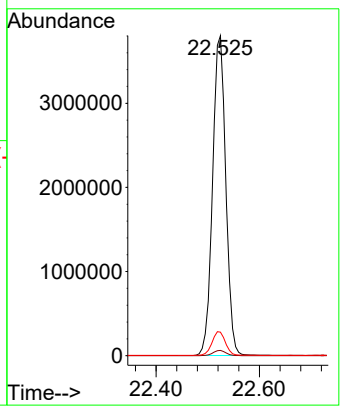


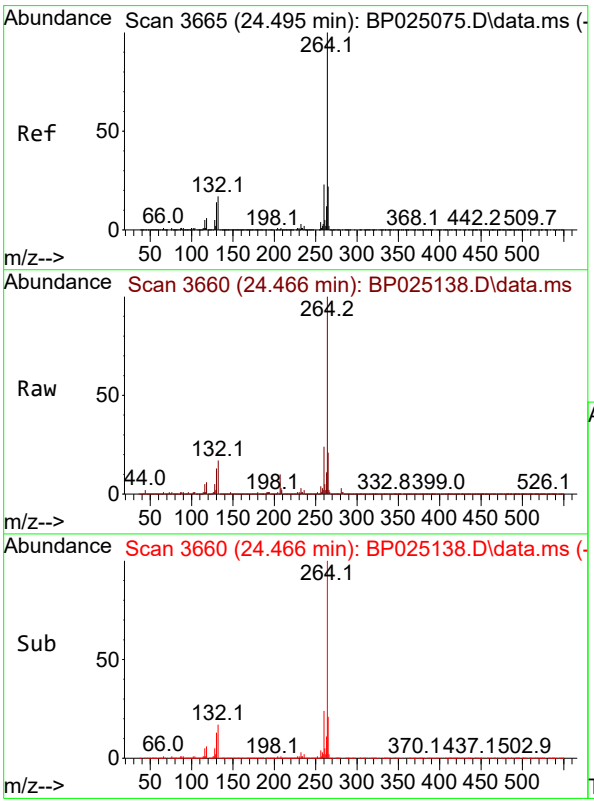
#85
Di-n-octyl phthalate
Concen: 46.832 ng
RT: 22.525 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 6739607

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.9	10.3

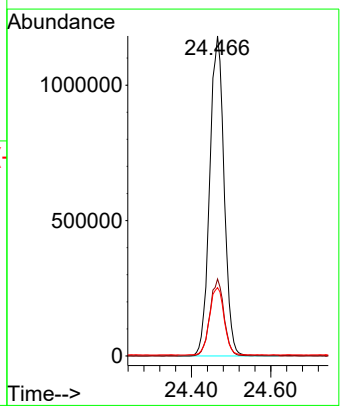


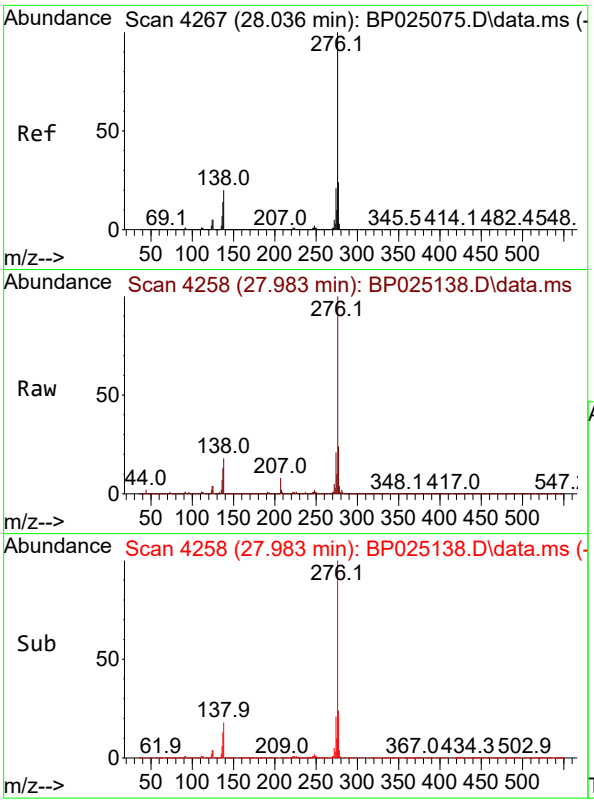


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 3660
Delta R.T. -0.029 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:264 Resp: 2977605

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.3	17.7	26.5



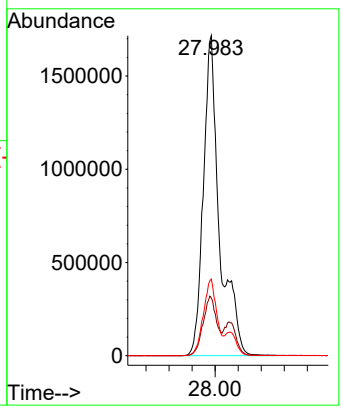


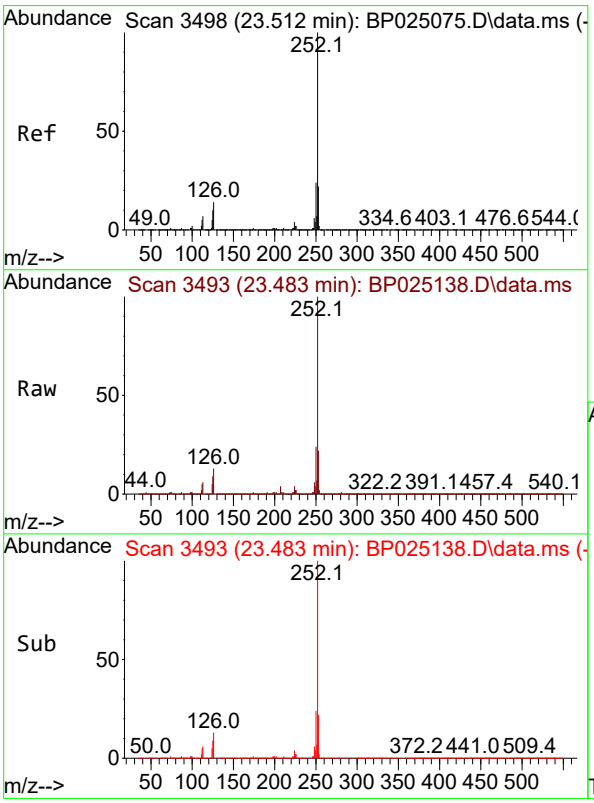
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.984 ng m
RT: 27.983 min Scan# 4
Delta R.T. -0.053 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 8343284

Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.0	19.6
277	20.2	15.9	23.9

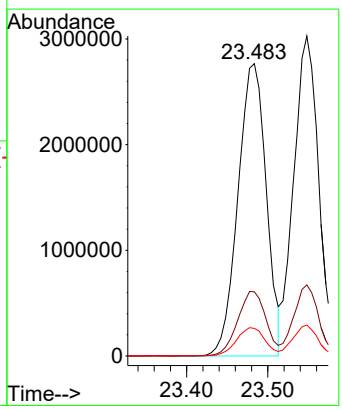


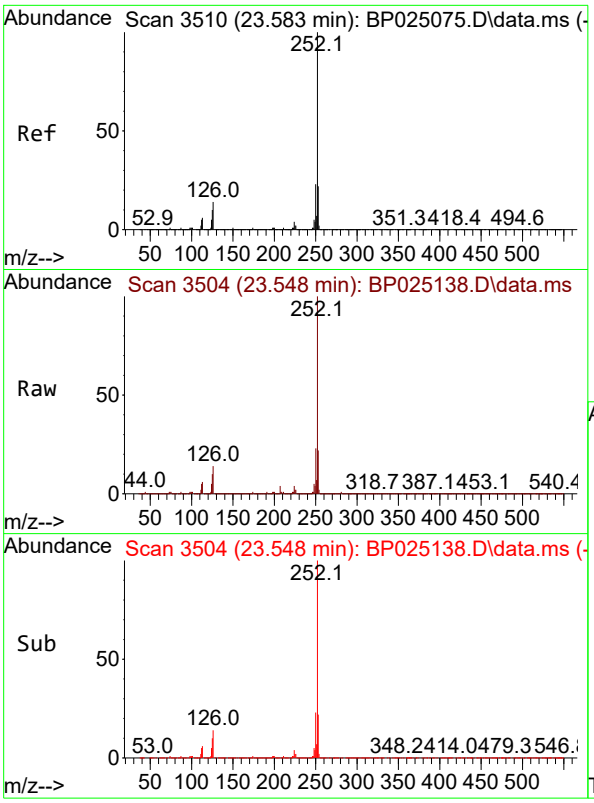


#88
Benzo(b)fluoranthene
Concen: 38.667 ng
RT: 23.483 min Scan# 3493
Delta R.T. -0.029 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:252 Resp: 6701452

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.4	8.1	12.1



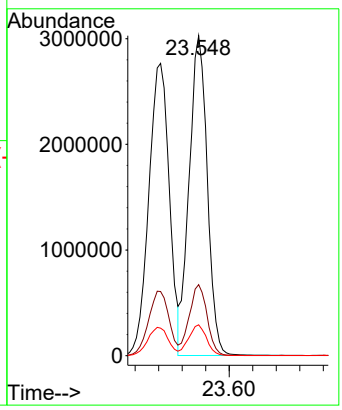


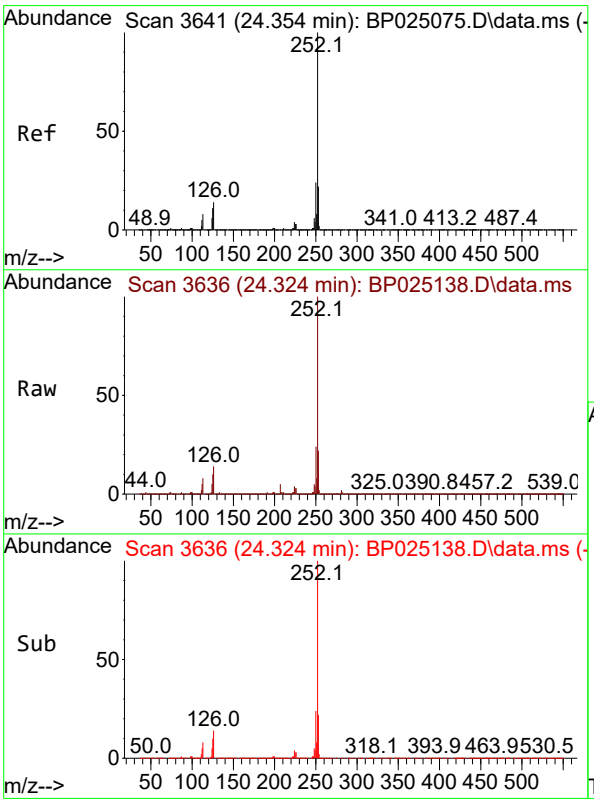
#89
Benzo(k)fluoranthene
Concen: 37.489 ng
RT: 23.548 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 6464721

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.7	8.2	12.2

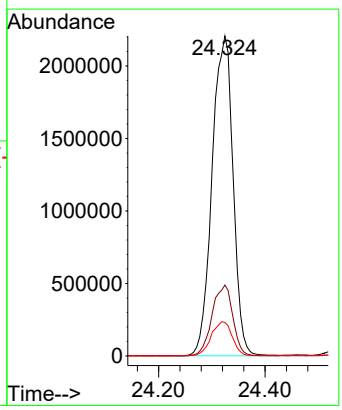


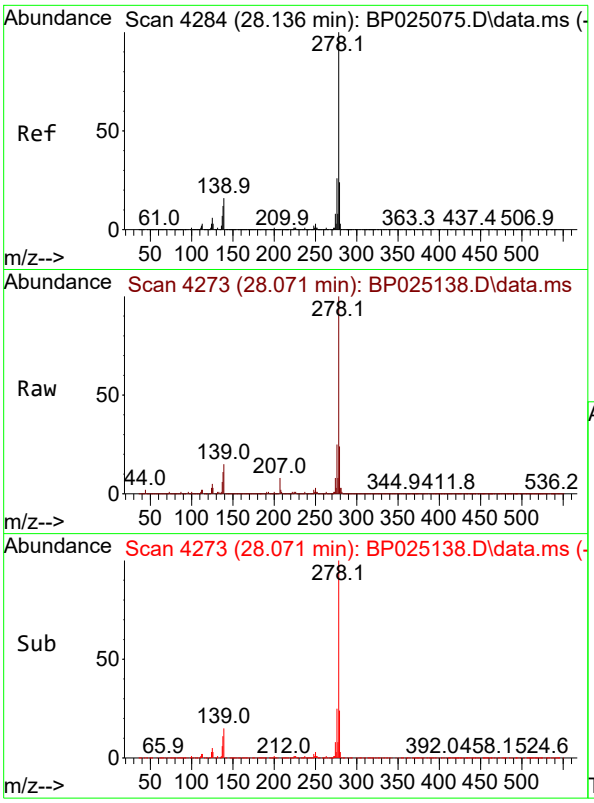


#90
Benzo(a)pyrene
Concen: 40.894 ng
RT: 24.324 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:252 Resp: 6032064

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.4	9.0	13.4



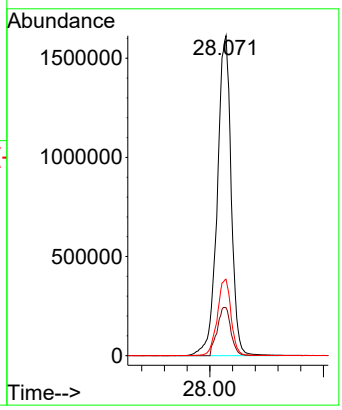


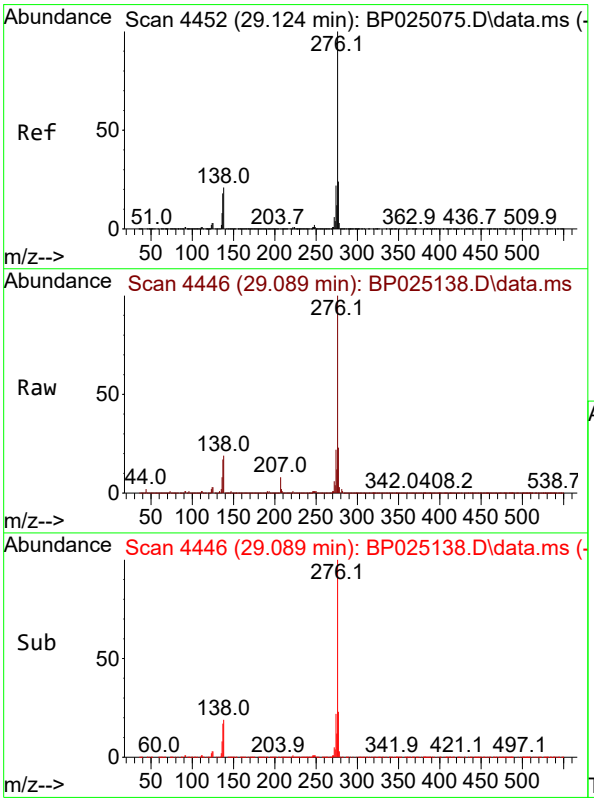
#91
Dibenzo(a,h)anthracene
Concen: 43.695 ng
RT: 28.071 min Scan# 4
Delta R.T. -0.064 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 6851324

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.1	19.7
279	23.9	18.9	28.3

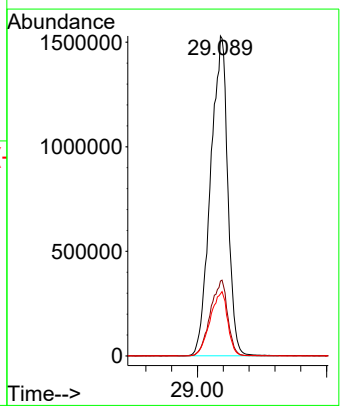




#92
Benzo(g,h,i)perylene
Concen: 43.496 ng
RT: 29.089 min Scan# 4446
Delta R.T. -0.035 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:276 Resp: 7045315

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	19.4	16.9	25.3



Sample Results: **BP025138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	138	0.00
2		1,4-Dioxane	0.439	0.426	3.0	135	0.00
3		Pyridine	1.202	1.093	9.1	123	0.00
4		n-Nitrosodimethylamine	0.509	0.465	8.6	127	0.00
5	S	2-Fluorophenol	1.129	1.147	-1.6	140	0.00
6		Aniline	1.376	1.210	12.1	120	0.00
7	S	Phenol-d6	1.473	1.355	8.0	128	0.00
8		2-Chlorophenol	1.263	1.226	2.9	135	0.00
9		Benzaldehyde	0.769	0.679	11.7	130	0.00
10	C	Phenol	1.497	1.357	9.4	127	0.00
11		bis(2-Chloroethyl)ether	1.152	1.035	10.2	127	0.00
12		1,3-Dichlorobenzene	1.413	1.382	2.2	138	0.00
13	C	1,4-Dichlorobenzene	1.431	1.402	2.0	138	0.00
14		1,2-Dichlorobenzene	1.377	1.324	3.8	135	0.00
15		Benzyl Alcohol	0.983	0.892	9.3	129	0.00
16		2,2'-oxybis(1-Chloropropane	1.498	1.230	17.9	118	0.00
17		2-Methylphenol	0.964	0.882	8.5	126	0.00
18		Hexachloroethane	0.466	0.480	-3.0	144	0.00
19	P	n-Nitroso-di-n-propylamine	0.874	0.714	18.3	114	0.00
20		3+4-Methylphenols	1.350	1.168	13.5	121	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	123	0.00
22		Acetophenone	0.473	0.447	5.5	118	0.00
23	S	Nitrobenzene-d5	0.301	0.314	-4.3	125	0.00
24		Nitrobenzene	0.306	0.312	-2.0	123	0.00
25		Isophorone	0.562	0.502	10.7	110	0.00
26	C	2-Nitrophenol	0.128	0.173	-35.2#	159#	0.00
27		2,4-Dimethylphenol	0.210	0.204	2.9	120	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.353	7.6	116	0.00
29	C	2,4-Dichlorophenol	0.291	0.298	-2.4	122	0.00
30		1,2,4-Trichlorobenzene	0.322	0.330	-2.5	127	0.00
31		Naphthalene	1.030	1.000	2.9	121	0.00
32		Benzoic acid	0.185	0.223	-20.5	147	0.01
33		4-Chloroaniline	0.384	0.355	7.6	112	0.00
34	C	Hexachlorobutadiene	0.185	0.203	-9.7	137	0.00
35		Caprolactam	0.099	0.087	12.1	106	0.00
36	C	4-Chloro-3-methylphenol	0.304	0.283	6.9	112	0.00
37		2-Methylnaphthalene	0.727	0.661	9.1	113	0.00
38		1-Methylnaphthalene	0.709	0.643	9.3	114	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	0.575	0.622	-8.2	117	-0.01
41	P	Hexachlorocyclopentadiene	0.150	0.198	-32.0#	145	-0.02
42	S	2,4,6-Tribromophenol	0.236	0.272	-15.3	120	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.391	-12.4	115	0.00
44		2,4,5-Trichlorophenol	0.394	0.423	-7.4	112	0.00
45	S	2-Fluorobiphenyl	1.291	1.304	-1.0	111	0.00
46		1,1'-Biphenyl	1.455	1.428	1.9	107	-0.01
47		2-Chloronaphthalene	1.094	1.097	-0.3	110	-0.01

Sample Results: **BP025138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.237	0.272	-14.8	114	0.00
49		Acenaphthylene	1.674	1.684	-0.6	108	0.00
50		Dimethylphthalate	1.400	1.334	4.7	103	0.00
51		2,6-Dinitrotoluene	0.273	0.289	-5.9	106	-0.01
52	C	Acenaphthene	1.079	1.045	3.2	107	0.00
53		3-Nitroaniline	0.293	0.323	-10.2	109	0.00
54	P	2,4-Dinitrophenol	0.114	0.153	-34.2#	142	0.00
55		Dibenzofuran	1.781	1.717	3.6	106	-0.02
56	P	4-Nitrophenol	0.270	0.289	-7.0	110	0.00
57		2,4-Dinitrotoluene	0.356	0.401	-12.6	111	-0.02
58		Fluorene	1.377	1.332	3.3	104	-0.02
59		2,3,4,6-Tetrachlorophenol	0.357	0.378	-5.9	111	0.00
60		Diethylphthalate	1.406	1.348	4.1	103	0.00
61		4-Chlorophenyl-phenylether	0.682	0.655	4.0	105	-0.01
62		4-Nitroaniline	0.307	0.342	-11.4	109	-0.01
63		Azobenzene	1.252	1.137	9.2	98	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	102	-0.02
65		4,6-Dinitro-2-methylphenol	0.082	0.111	-35.4#	140	-0.01
66	c	n-Nitrosodiphenylamine	0.572	0.577	-0.9	103	0.00
67		4-Bromophenyl-phenylether	0.205	0.223	-8.8	112	-0.01
68		Hexachlorobenzene	0.250	0.259	-3.6	107	-0.01
69		Atrazine	0.168	0.147	12.5	87	0.00
70	C	Pentachlorophenol	0.169	0.198	-17.2	118	-0.01
71		Phenanthrene	1.069	1.047	2.1	100	-0.02
72		Anthracene	1.025	1.043	-1.8	103	0.00
73		Carbazole	1.002	1.027	-2.5	102	0.00
74		Di-n-butylphthalate	1.116	1.242	-11.3	107	-0.01
75	C	Fluoranthene	1.249	1.286	-3.0	102	-0.02
76	I	Chrysene-d12	1.000	1.000	0.0	107	0.00
77		Benzidine	0.353	0.483	-36.8#	91	-0.01
78		Pyrene	1.239	1.176	5.1	102	-0.02
79	S	Terphenyl-d14	0.910	0.896	1.5	105	0.00
80		Butylbenzylphthalate	0.402	0.528	-31.3#	128	-0.01
81		Benzo(a)anthracene	1.212	1.213	-0.1	107	0.00
82		3,3'-Dichlorobenzidine	0.365	0.460	-26.0#	126	-0.02
83		Chrysene	1.166	1.161	0.4	107	0.00
84		Bis(2-ethylhexyl)phthalate	0.650	0.765	-17.7	117	-0.02
85	c	Di-n-octyl phthalate	1.054	1.391	-32.0#	136	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	122	-0.03
87		Indeno(1,2,3-cd)pyrene	1.274	1.401	-10.0	129	-0.05
88		Benzo(b)fluoranthene	1.164	1.125	3.4	115	-0.03
89		Benzo(k)fluoranthene	1.158	1.086	6.2	115	-0.04
90	C	Benzo(a)pyrene	0.991	1.013	-2.2	120	-0.03
91		Dibenzo(a,h)anthracene	1.053	1.150	-9.2	128	-0.06
92		Benzo(g,h,i)perylene	1.088	1.183	-8.7	129	-0.04

Sample Results: **BP025138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 2

Sample Results: **BP025138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	138	0.00
2		1,4-Dioxane	40.000	38.849	2.9	135	0.00
3		Pyridine	40.000	36.371	9.1	123	0.00
4		n-Nitrosodimethylamine	40.000	36.596	8.5	127	0.00
5	S	2-Fluorophenol	80.000	81.302	-1.6	140	0.00
6		Aniline	40.000	35.165	12.1	120	0.00
7	S	Phenol-d6	80.000	73.579	8.0	128	0.00
8		2-Chlorophenol	40.000	38.820	2.9	135	0.00
9		Benzaldehyde	40.000	35.328	11.7	130	0.00
10	C	Phenol	40.000	36.271	9.3	127	0.00
11		bis(2-Chloroethyl)ether	40.000	35.953	10.1	127	0.00
12		1,3-Dichlorobenzene	40.000	39.099	2.3	138	0.00
13	C	1,4-Dichlorobenzene	40.000	39.195	2.0	138	0.00
14		1,2-Dichlorobenzene	40.000	38.486	3.8	135	0.00
15		Benzyl Alcohol	40.000	36.298	9.3	129	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	32.841	17.9	118	0.00
17		2-Methylphenol	40.000	36.603	8.5	126	0.00
18		Hexachloroethane	40.000	41.165	-2.9	144	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	32.674	18.3	114	0.00
20		3+4-Methylphenols	40.000	34.582	13.5	121	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	123	0.00
22		Acetophenone	40.000	37.829	5.4	118	0.00
23	S	Nitrobenzene-d5	80.000	83.417	-4.3	125	0.00
24		Nitrobenzene	40.000	40.744	-1.9	123	0.00
25		Isophorone	40.000	35.764	10.6	110	0.00
26	C	2-Nitrophenol	40.000	46.680	-16.7	159	0.00
27		2,4-Dimethylphenol	40.000	38.901	2.7	120	0.00
28		bis(2-Chloroethoxy)methane	40.000	36.998	7.5	116	0.00
29	C	2,4-Dichlorophenol	40.000	40.964	-2.4	122	0.00
30		1,2,4-Trichlorobenzene	40.000	40.986	-2.5	127	0.00
31		Naphthalene	40.000	38.856	2.9	121	0.00
32		Benzoic acid	40.000	43.285	-8.2	147	0.01
33		4-Chloroaniline	40.000	36.980	7.6	112	0.00
34	C	Hexachlorobutadiene	40.000	43.961	-9.9	137	0.00
35		Caprolactam	40.000	35.063	12.3	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	37.255	6.9	112	0.00
37		2-Methylnaphthalene	40.000	36.398	9.0	113	0.00
38		1-Methylnaphthalene	40.000	36.317	9.2	114	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	43.282	-8.2	117	-0.01
41	P	Hexachlorocyclopentadiene	40.000	52.790	-32.0#	145	-0.02
42	S	2,4,6-Tribromophenol	80.000	91.937	-14.9	120	0.00
43	C	2,4,6-Trichlorophenol	40.000	44.935	-12.3	115	0.00
44		2,4,5-Trichlorophenol	40.000	42.884	-7.2	112	0.00
45	S	2-Fluorobiphenyl	80.000	80.788	-1.0	111	0.00
46		1,1'-Biphenyl	40.000	39.244	1.9	107	-0.01
47		2-Chloronaphthalene	40.000	40.116	-0.3	110	-0.01

Sample Results: **BP025138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.005	-2.5	114	0.00
49		Acenaphthylene	40.000	40.232	-0.6	108	0.00
50		Dimethylphthalate	40.000	38.107	4.7	103	0.00
51		2,6-Dinitrotoluene	40.000	42.281	-5.7	106	-0.01
52	C	Acenaphthene	40.000	38.757	3.1	107	0.00
53		3-Nitroaniline	40.000	44.113	-10.3	109	0.00
54	P	2,4-Dinitrophenol	40.000	48.071	-20.2	142	0.00
55		Dibenzofuran	40.000	38.580	3.6	106	-0.02
56	P	4-Nitrophenol	40.000	42.791	-7.0	110	0.00
57		2,4-Dinitrotoluene	40.000	40.419	-1.0	111	-0.02
58		Fluorene	40.000	38.684	3.3	104	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	42.379	-5.9	111	0.00
60		Diethylphthalate	40.000	38.337	4.2	103	0.00
61		4-Chlorophenyl-phenylether	40.000	38.415	4.0	105	-0.01
62		4-Nitroaniline	40.000	44.603	-11.5	109	-0.01
63		Azobenzene	40.000	36.313	9.2	98	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	102	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	48.858	-22.1	140	-0.01
66	c	n-Nitrosodiphenylamine	40.000	40.322	-0.8	103	0.00
67		4-Bromophenyl-phenylether	40.000	43.646	-9.1	112	-0.01
68		Hexachlorobenzene	40.000	41.331	-3.3	107	-0.01
69		Atrazine	40.000	35.017	12.5	87	0.00
70	C	Pentachlorophenol	40.000	46.787	-17.0	118	-0.01
71		Phenanthrene	40.000	39.172	2.1	100	-0.02
72		Anthracene	40.000	40.692	-1.7	103	0.00
73		Carbazole	40.000	40.996	-2.5	102	0.00
74		Di-n-butylphthalate	40.000	44.505	-11.3	107	-0.01
75	C	Fluoranthene	40.000	41.167	-2.9	102	-0.02
76	I	Chrysene-d12	20.000	20.000	0.0	107	0.00
77		Benzidine	40.000	54.675	-36.7#	91	-0.01
78		Pyrene	40.000	37.962	5.1	102	-0.02
79	S	Terphenyl-d14	80.000	78.772	1.5	105	0.00
80		Butylbenzylphthalate	40.000	44.517	-11.3	128	-0.01
81		Benzo(a)anthracene	40.000	40.034	-0.1	107	0.00
82		3,3'-Dichlorobenzidine	40.000	50.434	-26.1#	126	-0.02
83		Chrysene	40.000	39.815	0.5	107	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	47.050	-17.6	117	-0.02
85	c	Di-n-octyl phthalate	40.000	46.832	-17.1	136	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	122	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	43.984	-10.0	129	-0.05
88		Benzo(b)fluoranthene	40.000	38.667	3.3	115	-0.03
89		Benzo(k)fluoranthene	40.000	37.489	6.3	115	-0.04
90	C	Benzo(a)pyrene	40.000	40.894	-2.2	120	-0.03
91		Dibenzo(a,h)anthracene	40.000	43.695	-9.2	128	-0.06
92		Benzo(g,h,i)perylene	40.000	43.496	-8.7	129	-0.04

Sample Results: **BP025138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

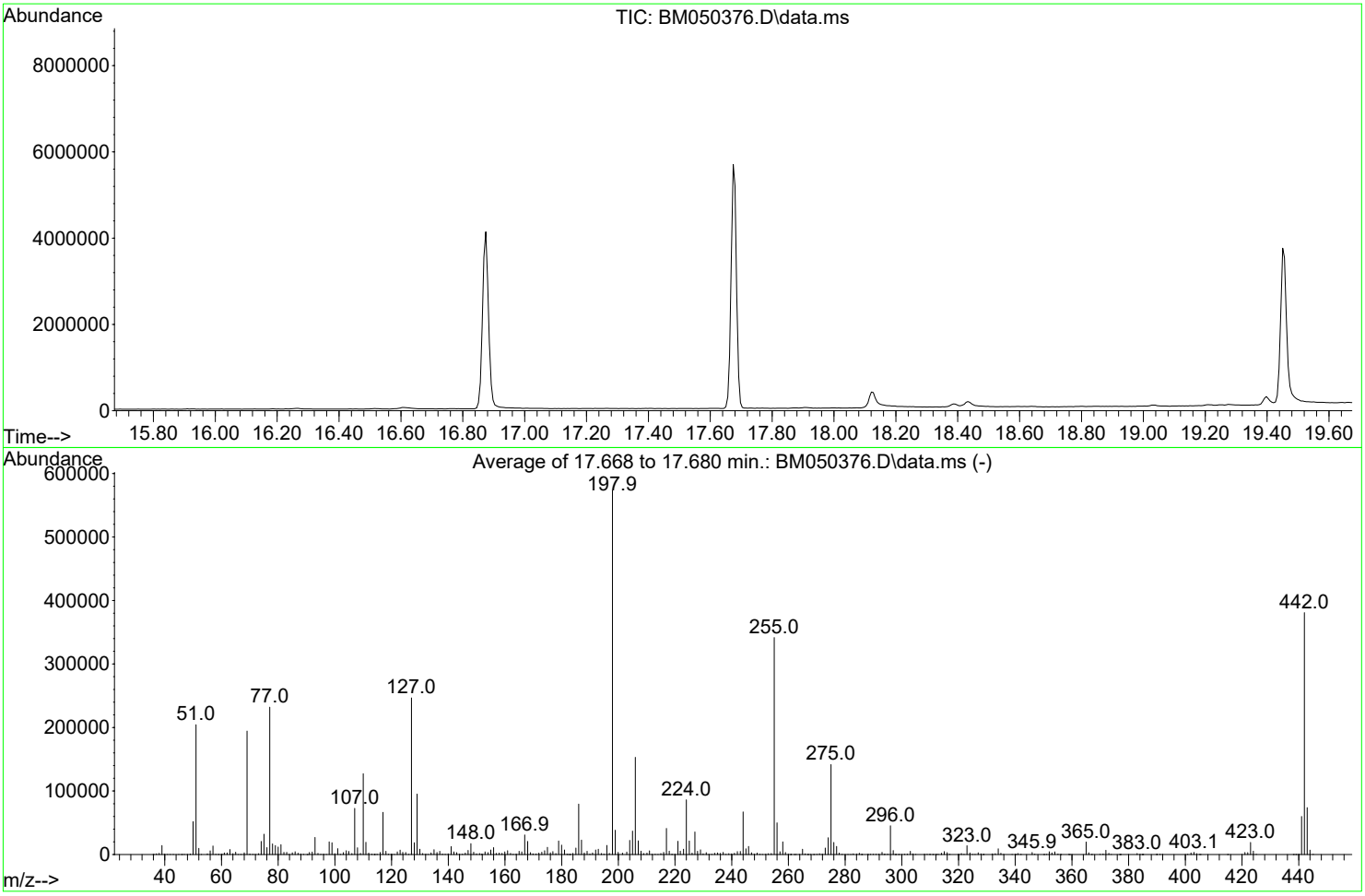
Sample Results: **BM050376.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 08 18:32:25 2025



AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2489

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.5	2822	PASS
69	69	100	100	100.0	194463	PASS
70	69	0.00	2	0.5	943	PASS
197	198	0.00	2	0.3	1831	PASS
198	198	100	100	100.0	573141	PASS
199	198	5	9	6.7	38261	PASS
365	198	1	100	3.4	19723	PASS
441	443	0.01	150	81.4	60059	PASS
442	442	100	100	100.0	380992	PASS
443	442	15	24	19.4	73781	PASS

DDT Breakdown

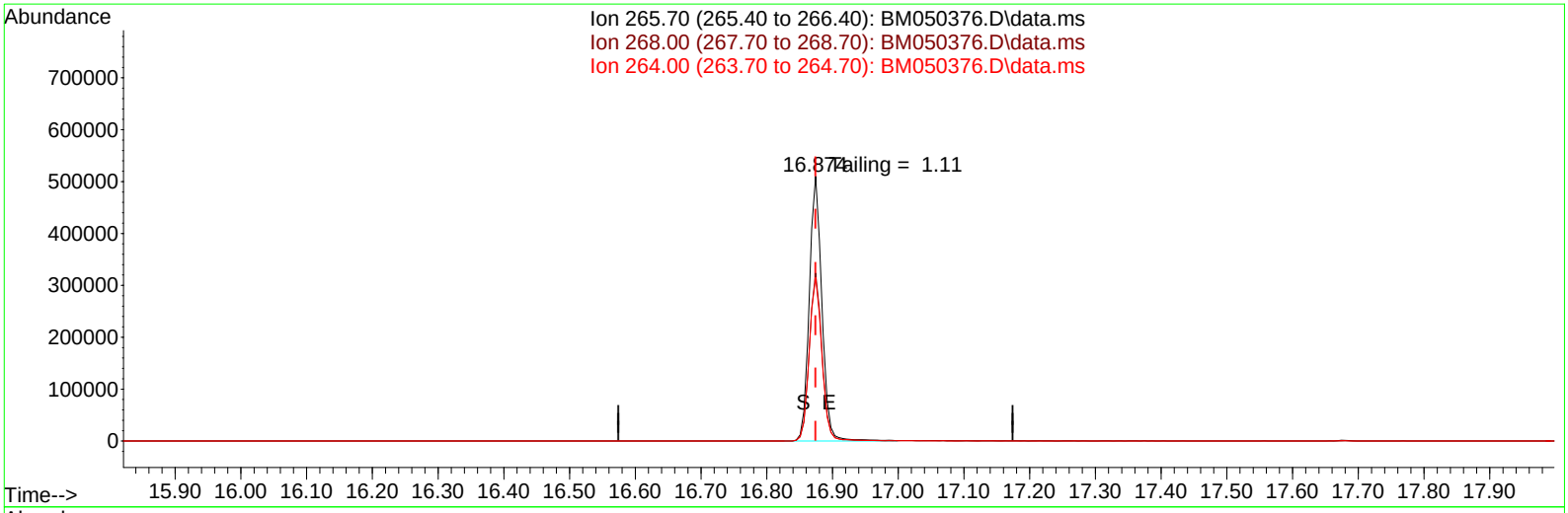
Date	Instrument Name	DFTPP Data File
7/9/2025	BNA_M	BM050376.D
Compound Name	**Response**	**Retention Time**
DDT	1842274	20.692
DDD	18107	20.309
DDE	1079	19.75
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
19186	1861460	1.03

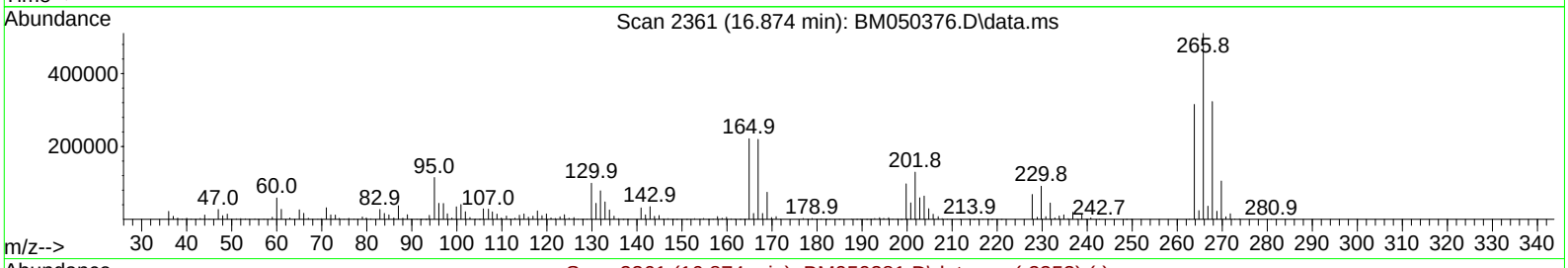
Instrument :
BNA_M
ClientSampleId :
DFTPP

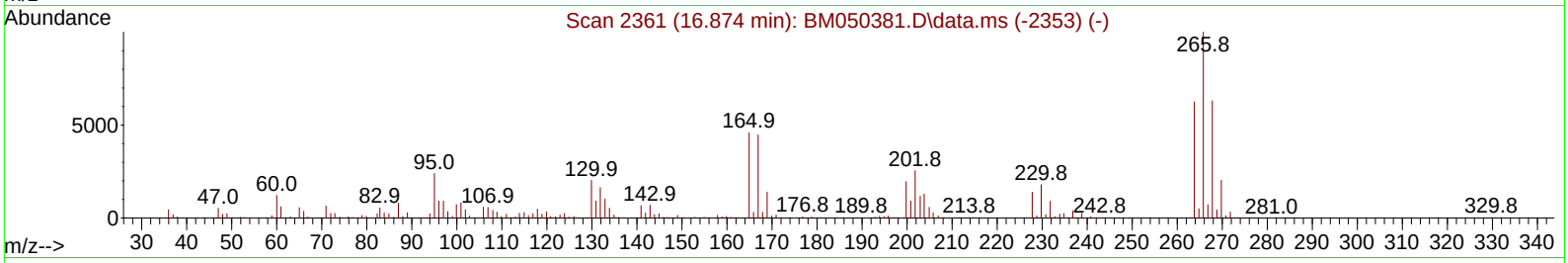
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 08 17:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 15:59:58 2025
Response via : Initial Calibration







TIC: BM050376.D\data.ms

(70) Pentachlorophenol (C)

16.874min (+ 0.000) 0.00 ng

response 680595

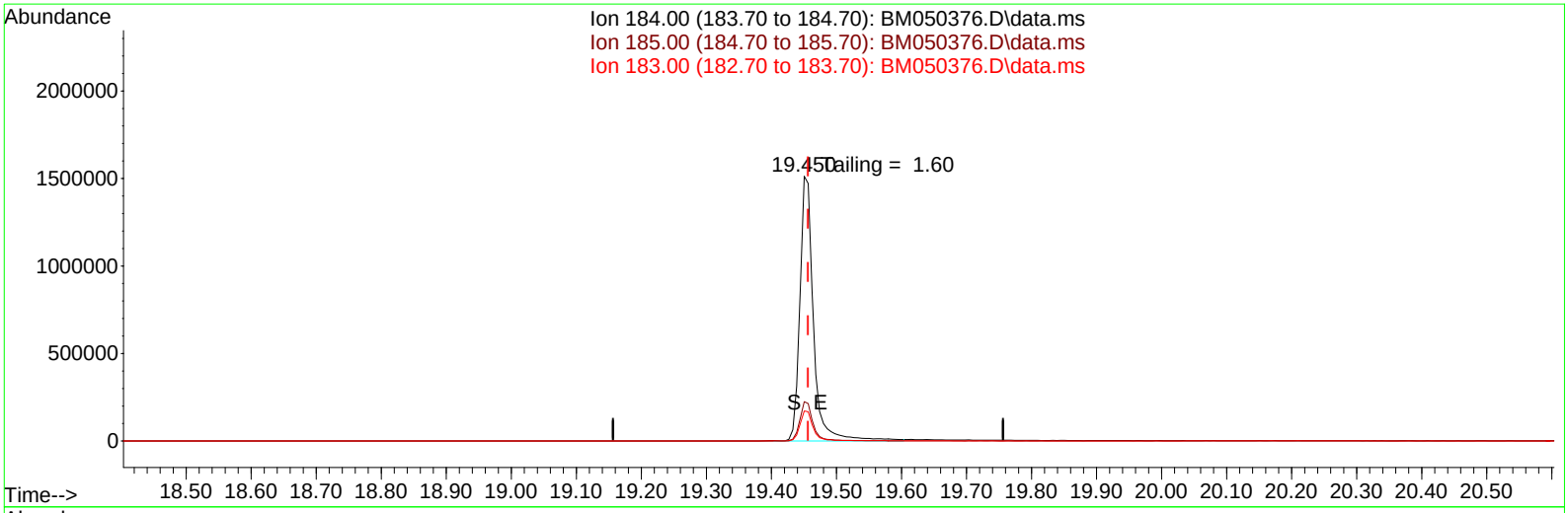
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.37
264.00	62.40	61.79
0.00	0.00	0.00

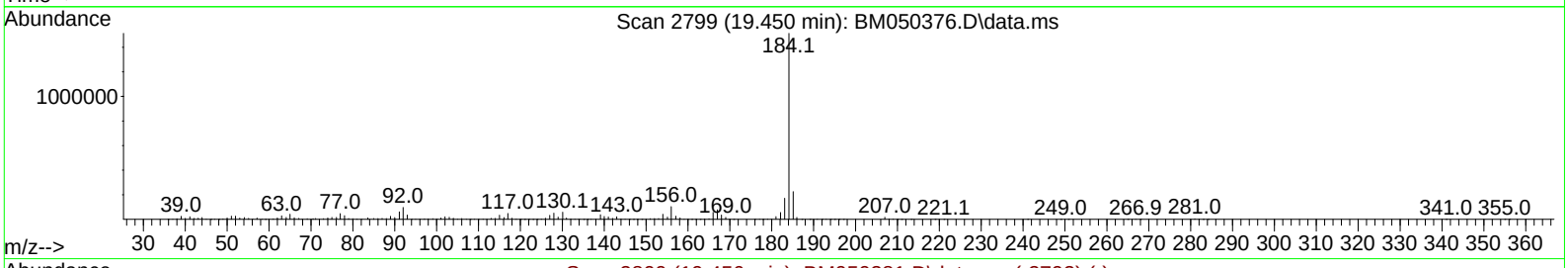
Sample Results: **BM050376.D**

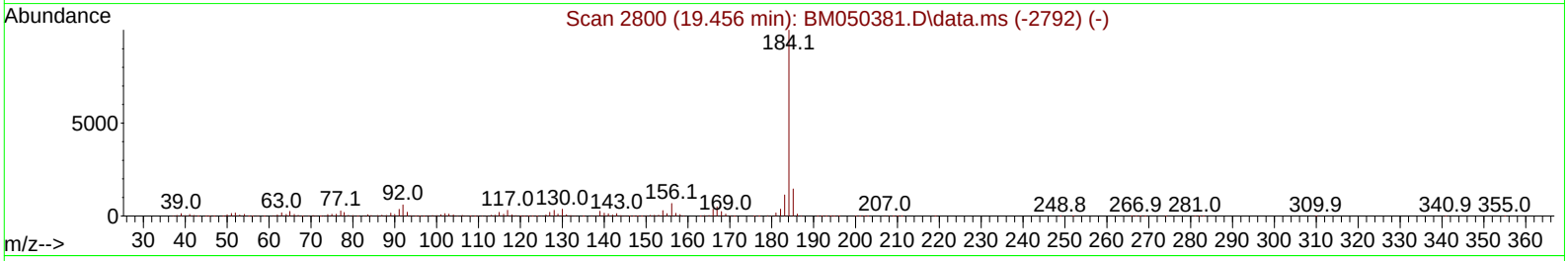
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 08 17:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 15:59:58 2025
Response via : Initial Calibration







TIC: BM050376.D\data.ms

(77) Benzidine

19.450min (-0.006) 78341.13 ng

response 2201890

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.87
183.00	11.30	11.33
0.00	0.00	0.00

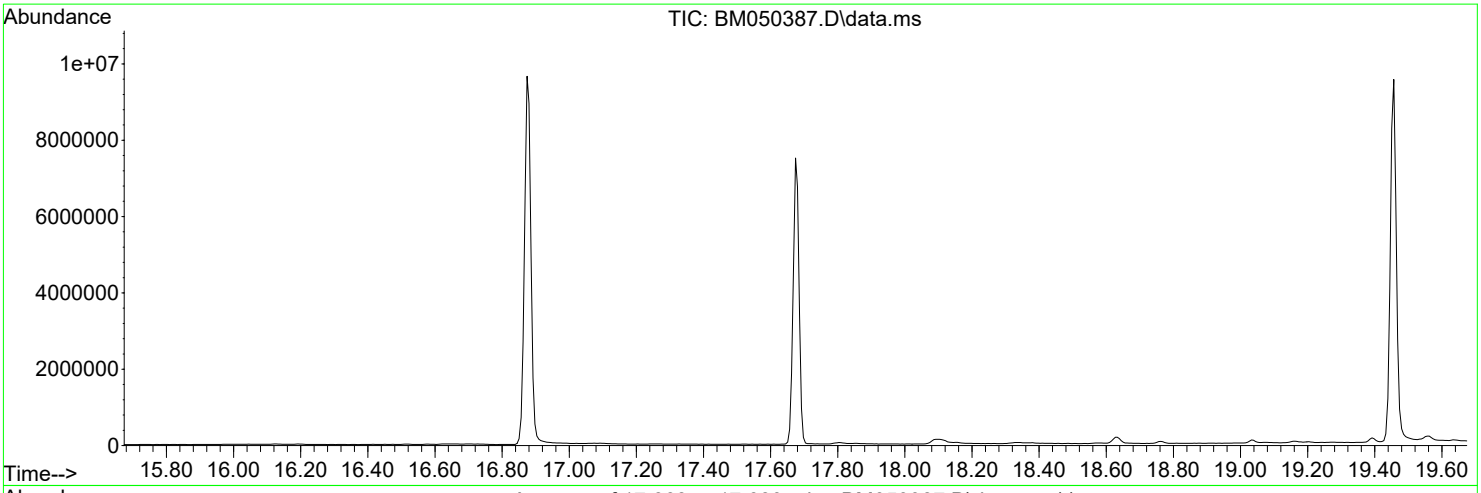
Sample Results: **BM050387.D**

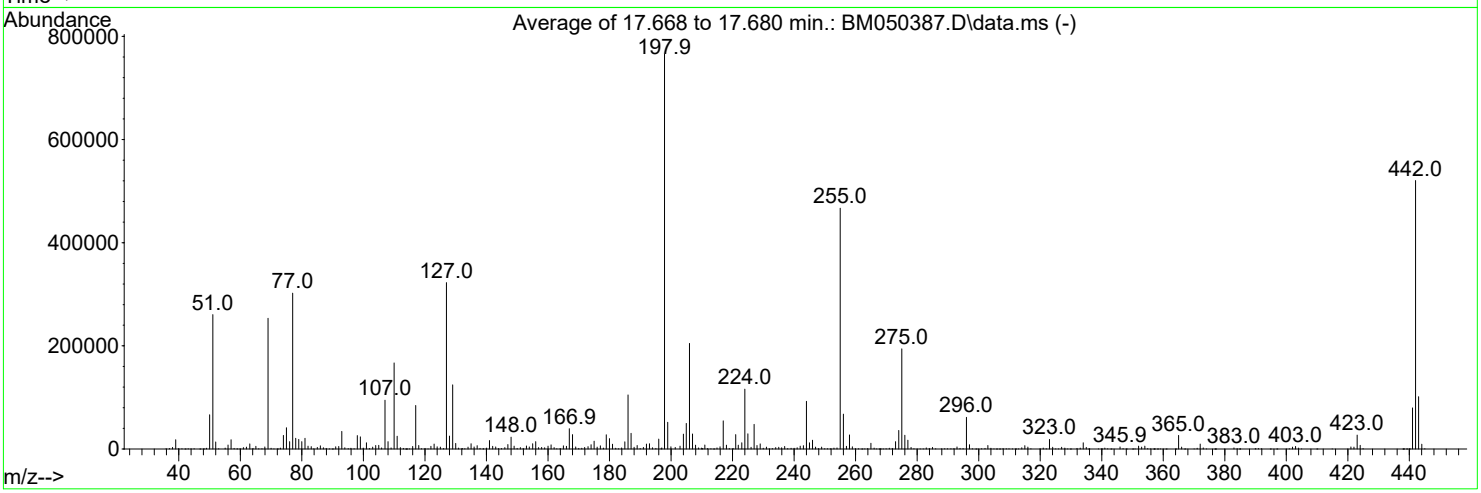
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050387.D
Acq On : 10 Jul 2025 13:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 08 18:32:25 2025





AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2489

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.5	3907	PASS
69	69	100	100	100.0	253638	PASS
70	69	0.00	2	0.6	1422	PASS
197	198	0.00	2	0.3	2191	PASS
198	198	100	100	100.0	765568	PASS
199	198	5	9	6.8	51856	PASS
365	198	1	100	3.4	26267	PASS
441	443	0.01	150	78.8	79867	PASS
442	442	100	100	100.0	520619	PASS
443	442	15	24	19.5	101363	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/10/2025	BNA_M	BM050387.D
Compound Name	**Response**	**Retention Time**
DDT	2346830	20.692
DDD	18238	20.309
DDE	1010	19.756
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
19248	2366078	0.81

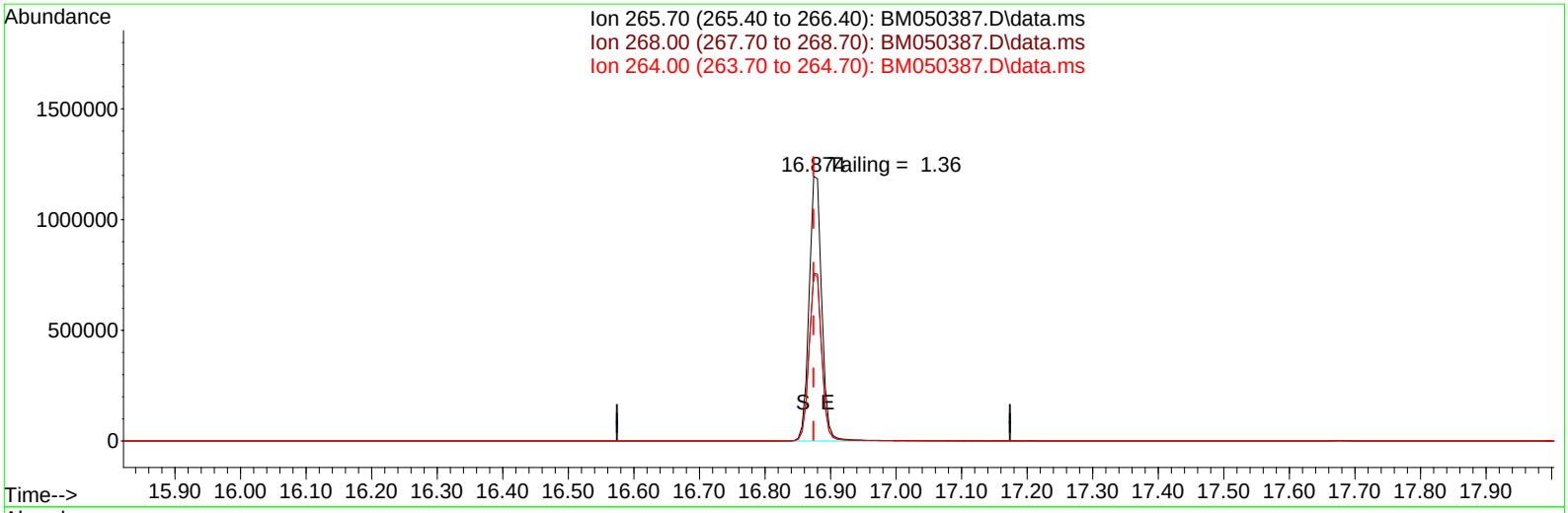
Instrument :
BNA_M
ClientSampleId :
DFTPP

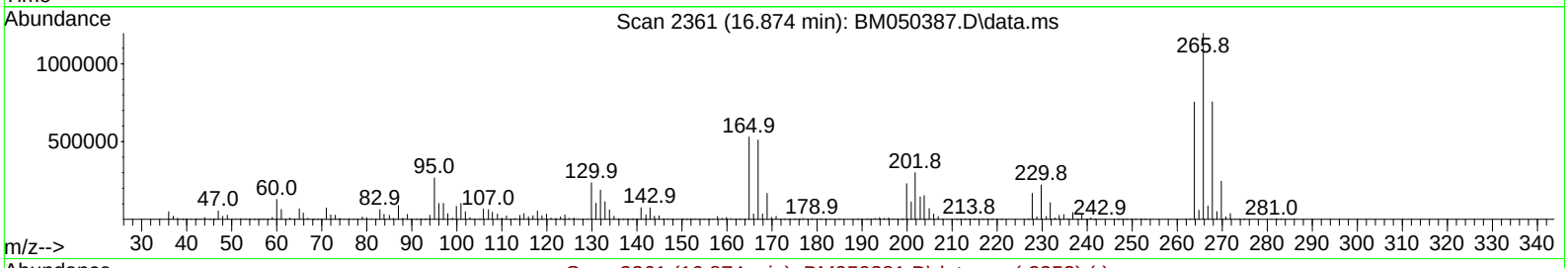
Sample Results: **BM050387.D**

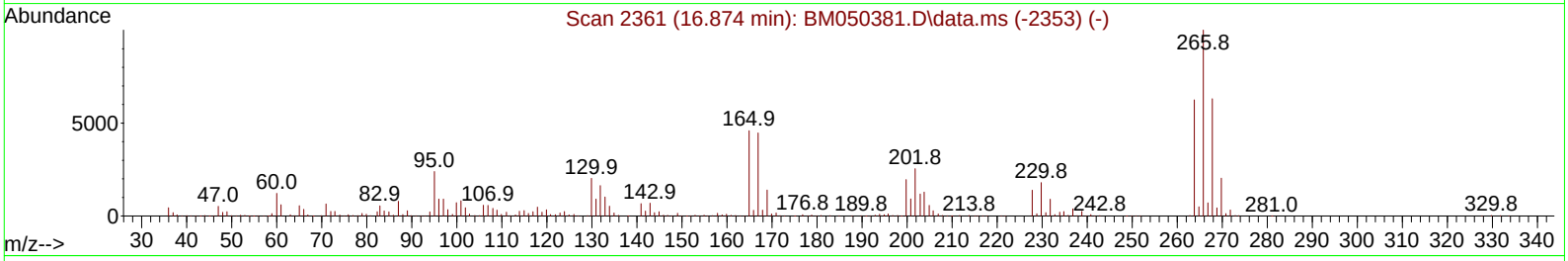
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050387.D
Acq On : 10 Jul 2025 13:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 10 14:36:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration







TIC: BM050387.D\data.ms

(70) Pentachlorophenol (C)

16.874min (+ 0.000) 1991582.93 ng

response 1613299

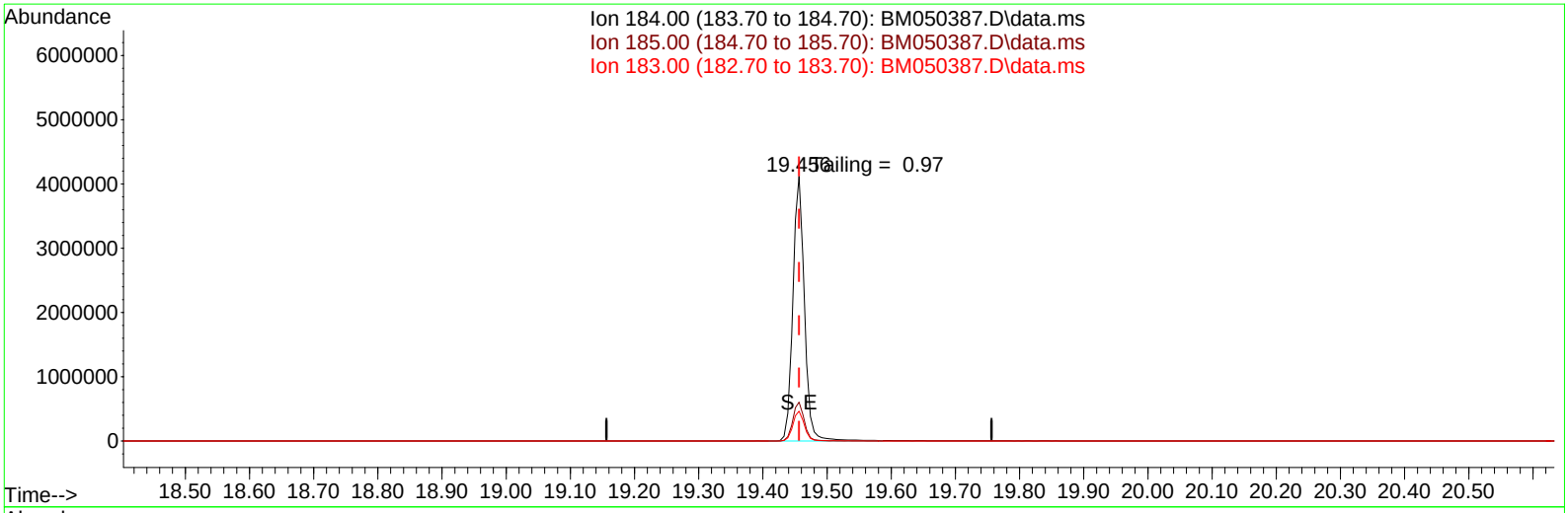
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.20
264.00	62.40	63.06
0.00	0.00	0.00

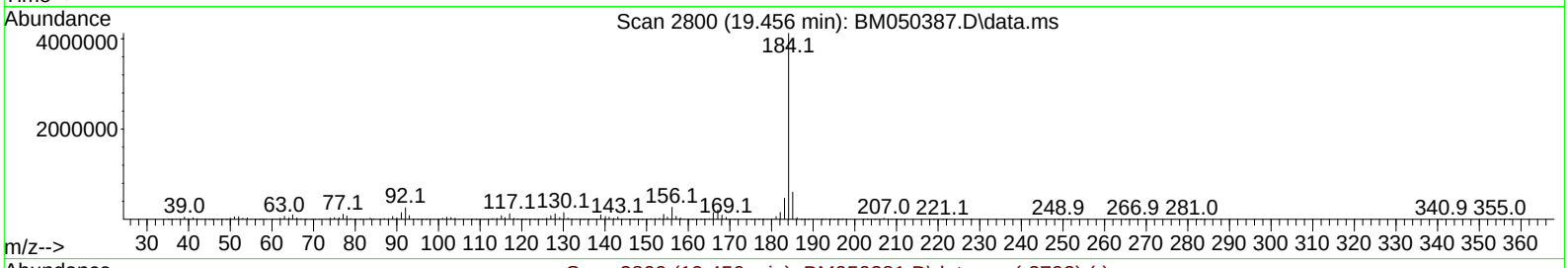
Sample Results: **BM050387.D**

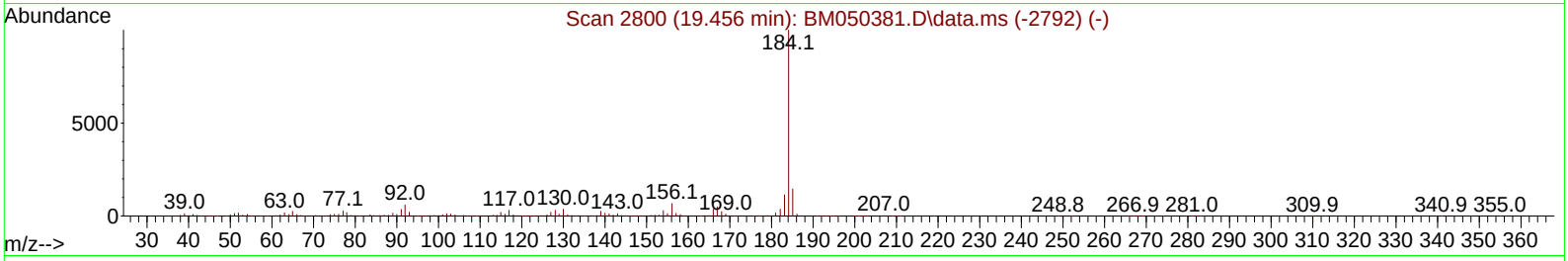
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050387.D
Acq On : 10 Jul 2025 13:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 10 14:36:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration







TIC: BM050387.D\data.ms

(77) Benzidine

19.456min (+ 0.000) 4529.57 ng

response 5211463

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.67
183.00	11.30	11.30
0.00	0.00	0.00

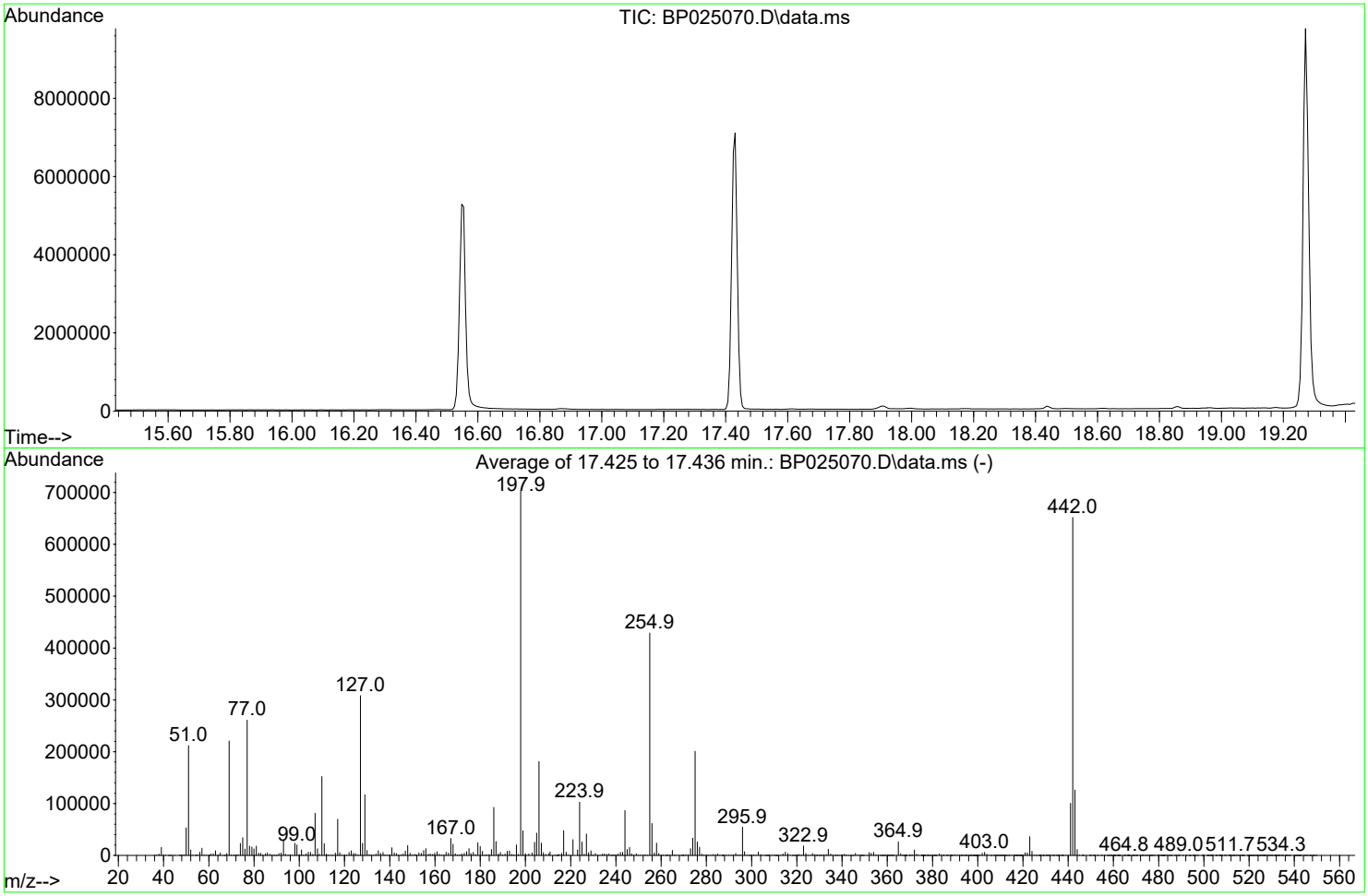
Sample Results: **BP025070.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025



AutoFind: Scans 2463, 2464, 2465; Background Corrected with Scan 2453

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	3747	PASS
69	69	100	100	100.0	220616	PASS
70	69	0.00	2	0.4	974	PASS
197	198	0.00	2	0.3	1975	PASS
198	198	100	100	100.0	702809	PASS
199	198	5	9	6.8	47648	PASS
365	198	1	100	3.7	26203	PASS
441	443	0.01	150	79.7	100672	PASS
442	442	100	100	100.0	651937	PASS
443	442	15	24	19.4	126320	PASS

DDT Breakdown

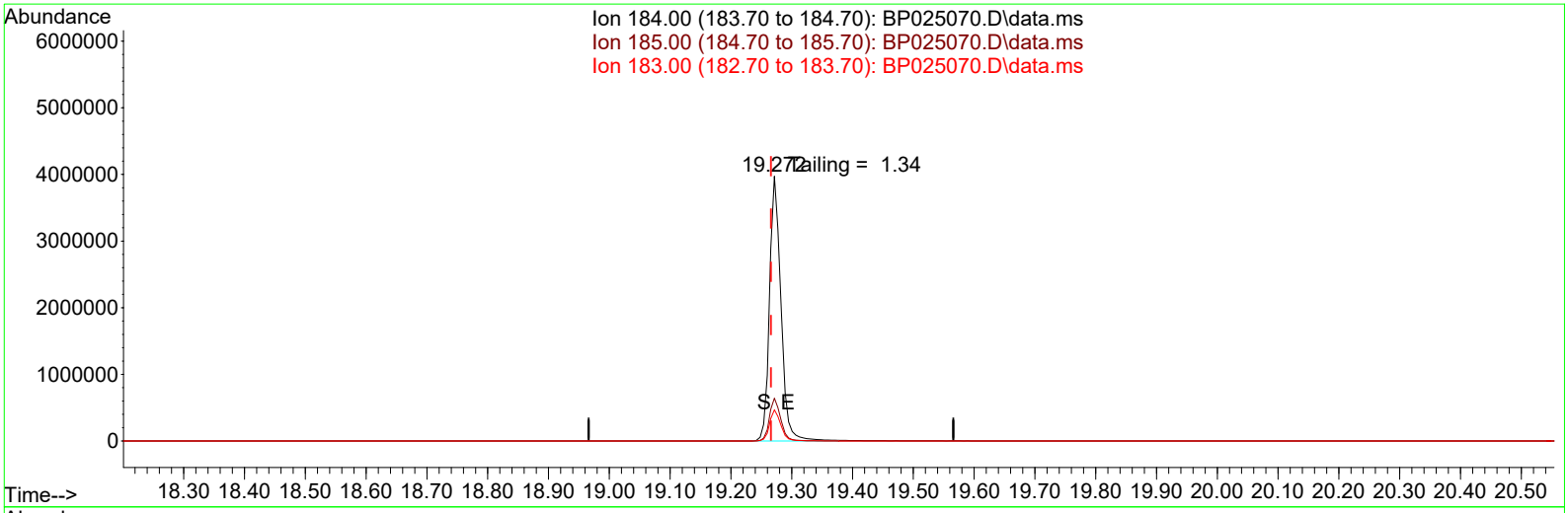
Date	Instrument Name	DFTPP Data File
7/3/2025	BNA_P	BP025070.D
Compound Name	**Response**	**Retention Time**
DDT	2078463	20.595
DDD	21773	20.183
DDE	1831	19.595
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
23604	2102067	1.12

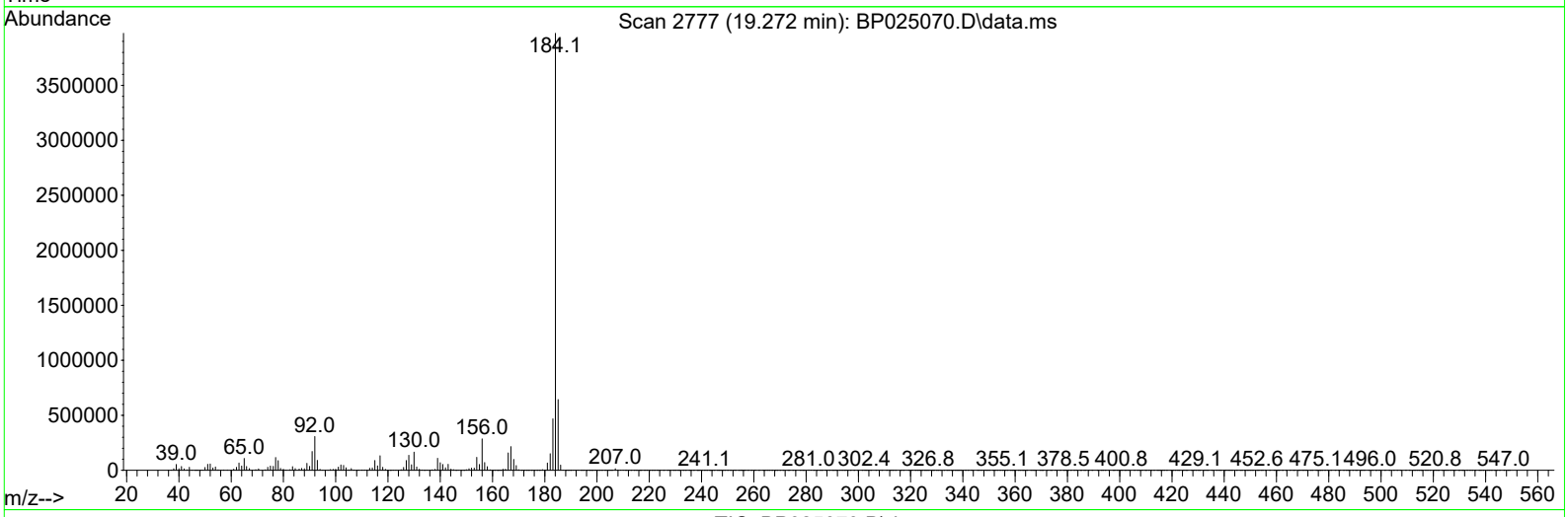
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 03 16:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration





TIC: BP025070.D\data.ms

(77) Benzidine

19.272min (+ 0.006) 5891.13 ng

response 5273970

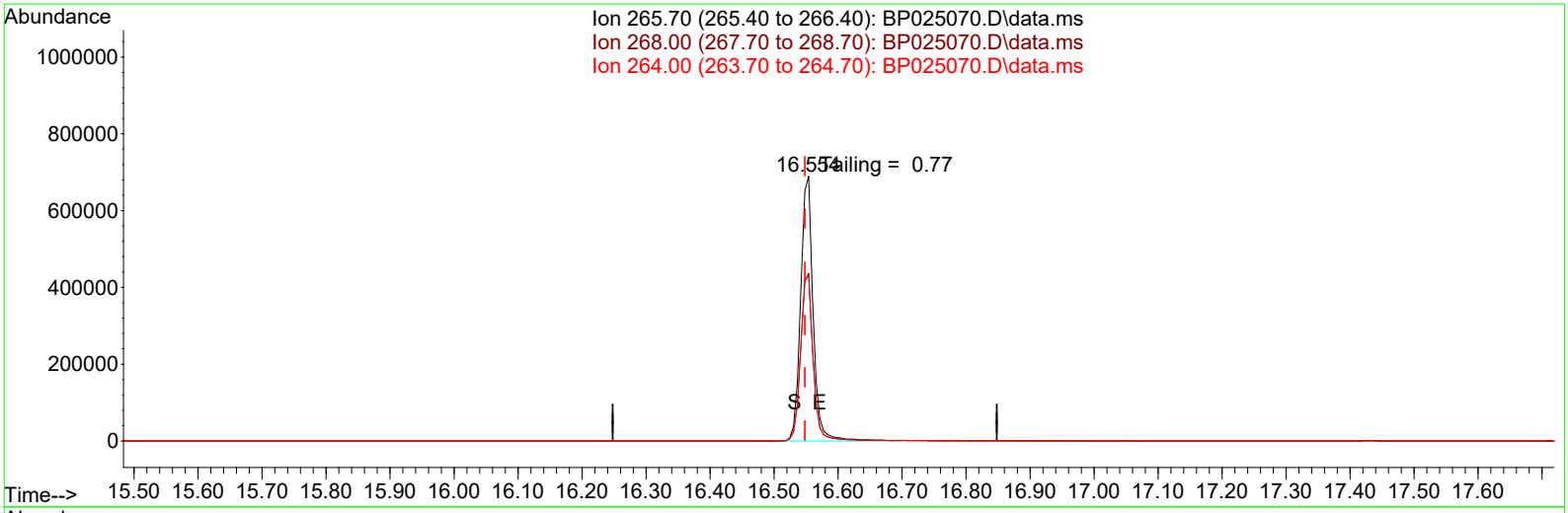
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	16.19
183.00	11.80	11.79
0.00	0.00	0.00

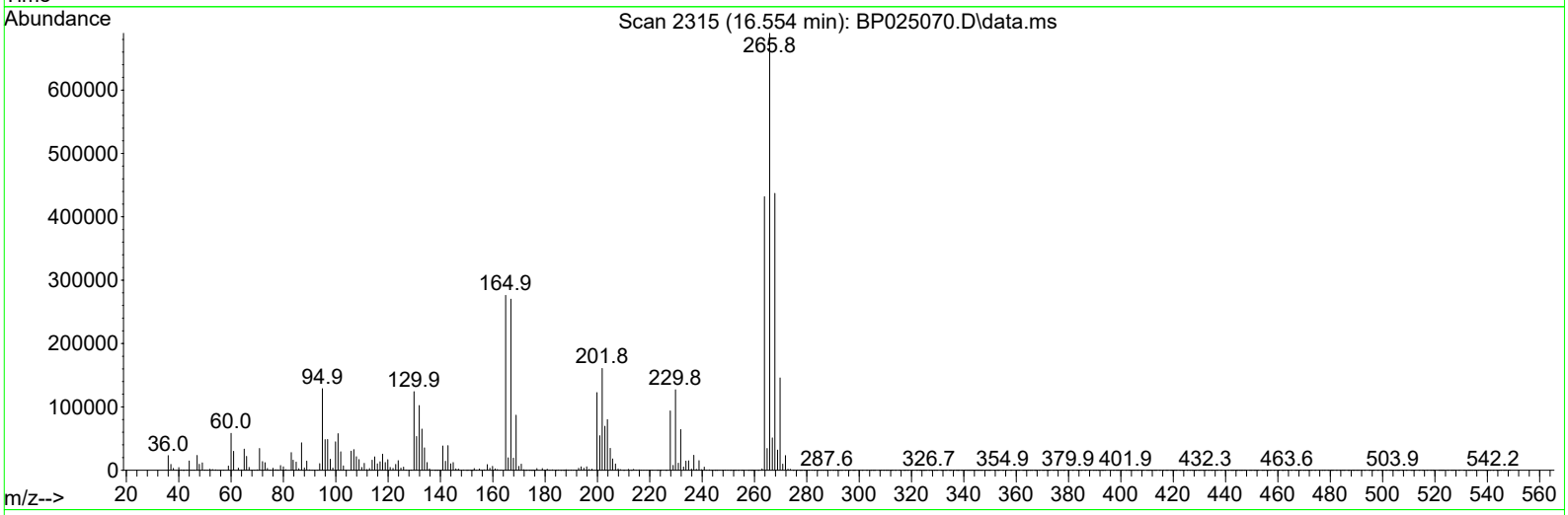
Sample Results: **BP025070.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 03 16:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration





TIC: BP025070.D\data.ms

(70) Pentachlorophenol (C)

16.554min (+ 0.006) 170301.74 ng

response 942789

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	63.35
264.00	62.70	62.60
0.00	0.00	0.00

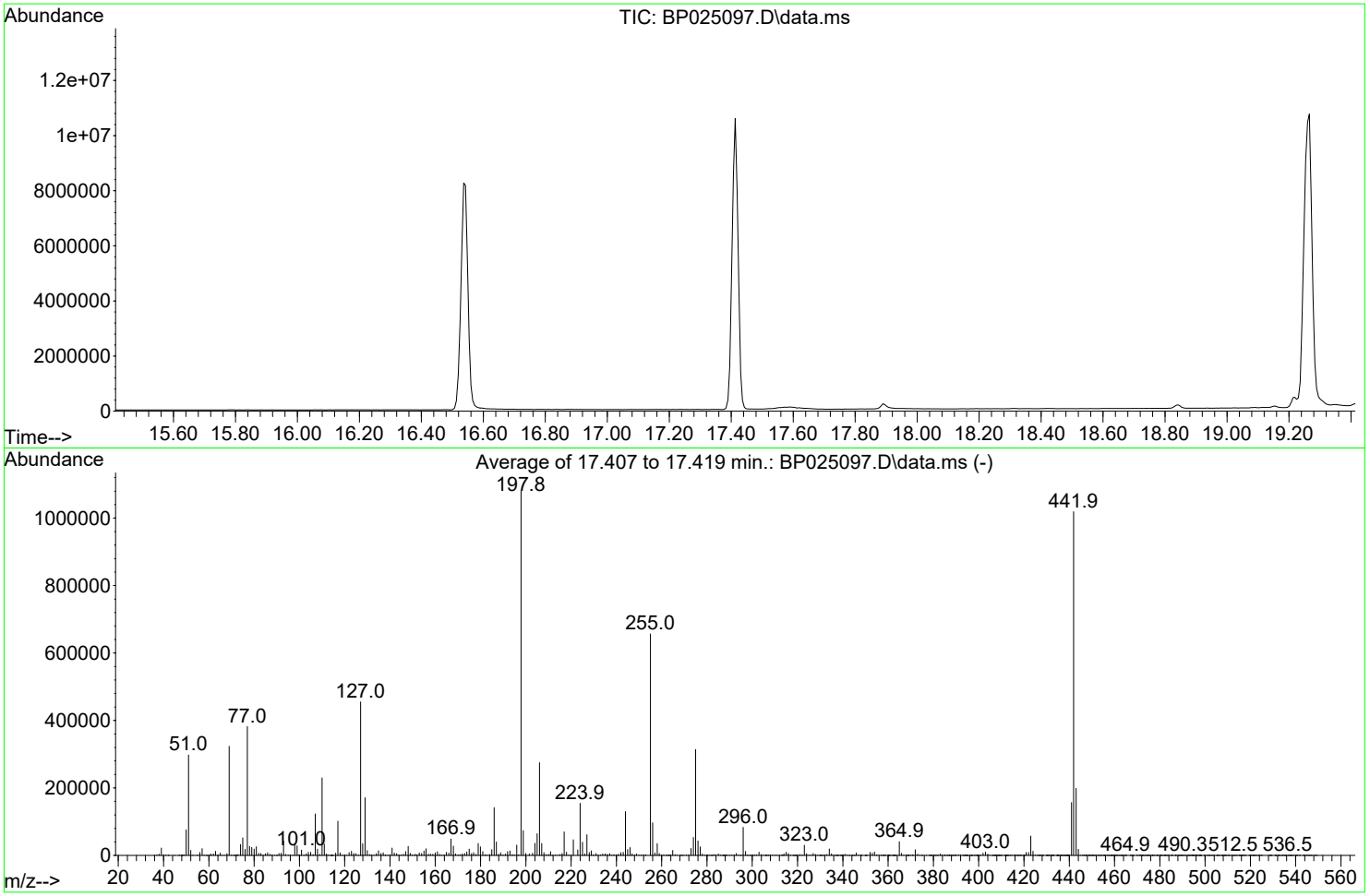
Sample Results: **BP025097.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025097.D
Acq On : 11 Jul 2025 09:04
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025



AutoFind: Scans 2460, 2461, 2462; Background Corrected with Scan 2451

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	5389	PASS
69	69	100	100	100.0	323529	PASS
70	69	0.00	2	0.5	1547	PASS
197	198	0.00	2	0.2	1806	PASS
198	198	100	100	100.0	1080103	PASS
199	198	5	9	6.8	73351	PASS
365	198	1	100	3.8	40848	PASS
441	443	0.01	150	78.8	156747	PASS
442	442	100	100	100.0	1018980	PASS
443	442	15	24	19.5	198827	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/11/2025	BNA_P	BP025097.D
Compound Name	**Response**	**Retention Time**
DDT	4034163	20.577
DDD	94451	20.107
DDE	2988	19.583
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
97439	4131602	2.36

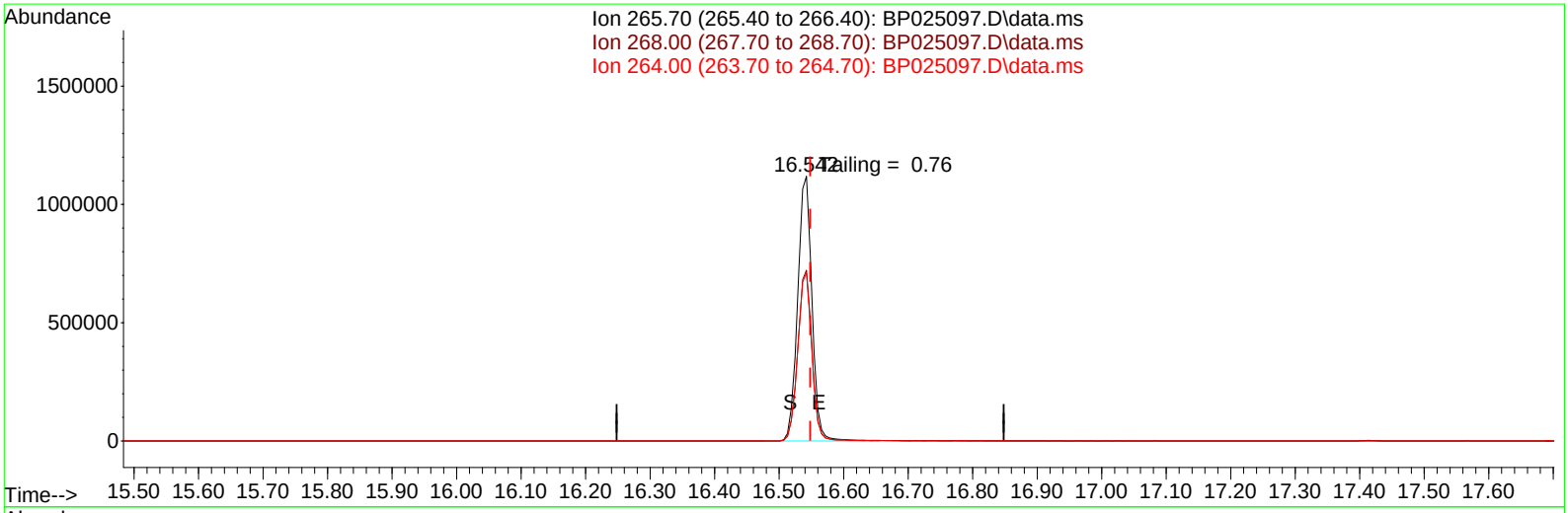
Instrument :
BNA_P
ClientSampleId :
DFTPP

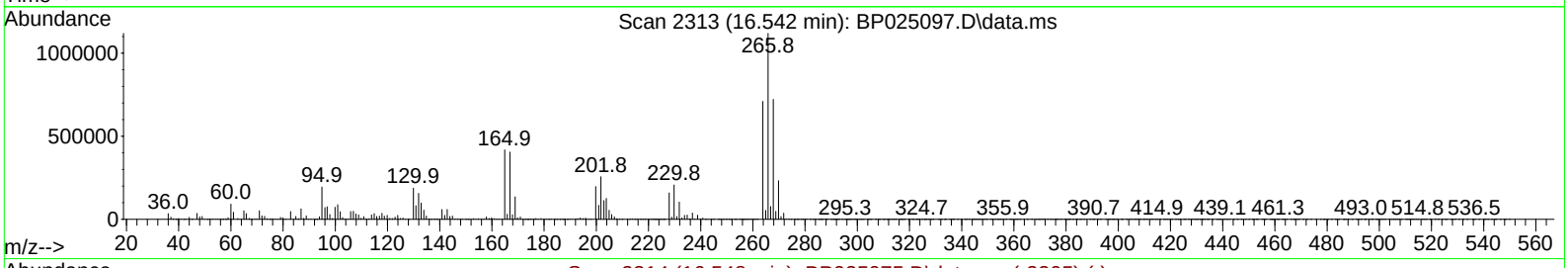
Sample Results: **BP025097.D**

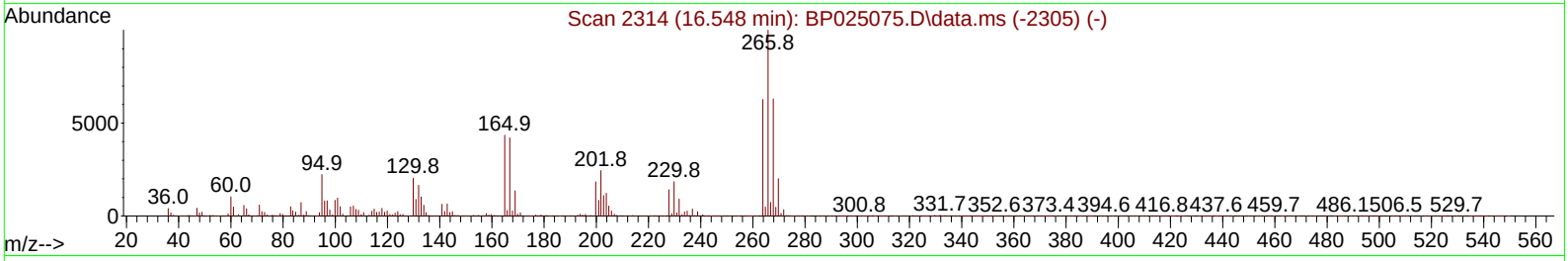
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025097.D
Acq On : 11 Jul 2025 09:04
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 11 11:31:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025097.D\data.ms

(70) Pentachlorophenol (C)

16.542min (-0.006) 760889.98 ng

response 1729929

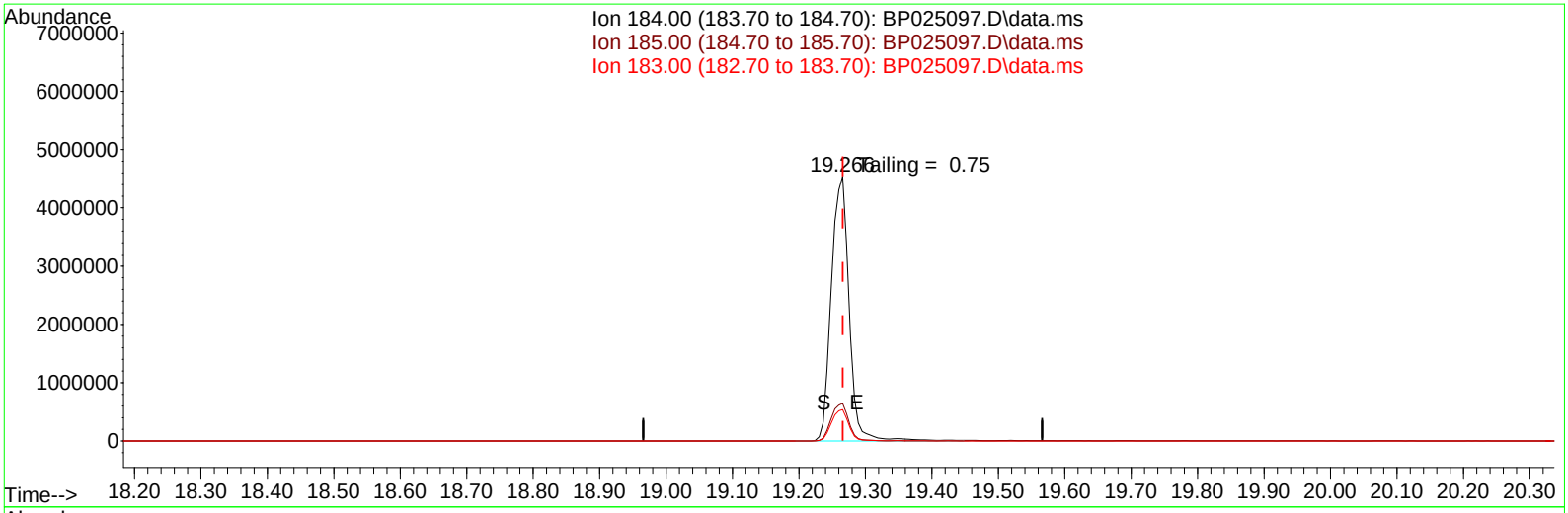
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	64.54
264.00	62.70	63.43
0.00	0.00	0.00

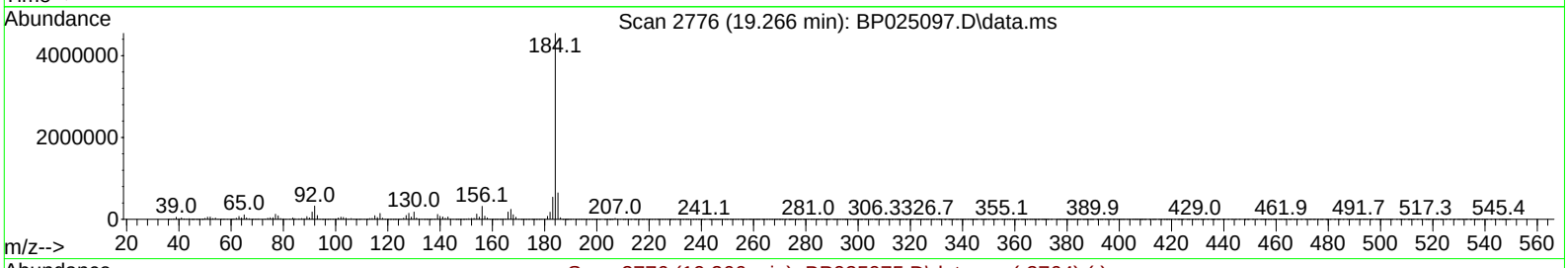
Sample Results: **BP025097.D**

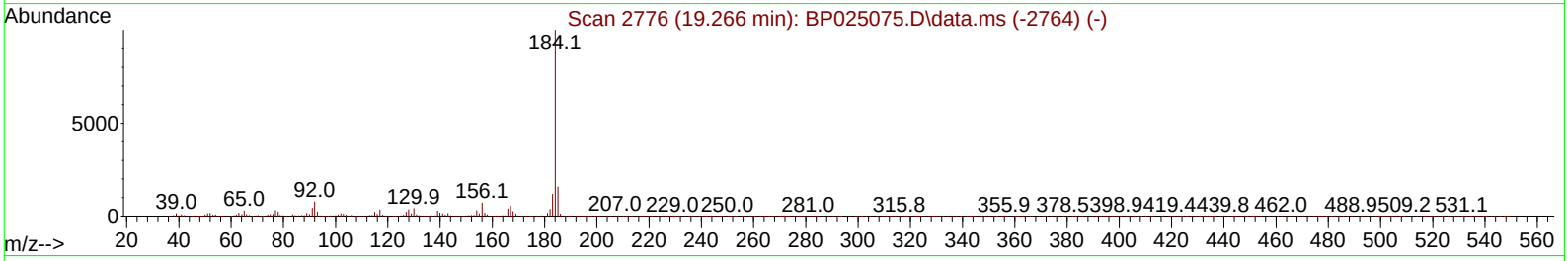
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025097.D
Acq On : 11 Jul 2025 09:04
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 11 11:31:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025097.D\data.ms

(77) Benzidine

19.266min (-0.000) 535019.97 ng

response 8334194

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.22
183.00	11.80	11.88
0.00	0.00	0.00

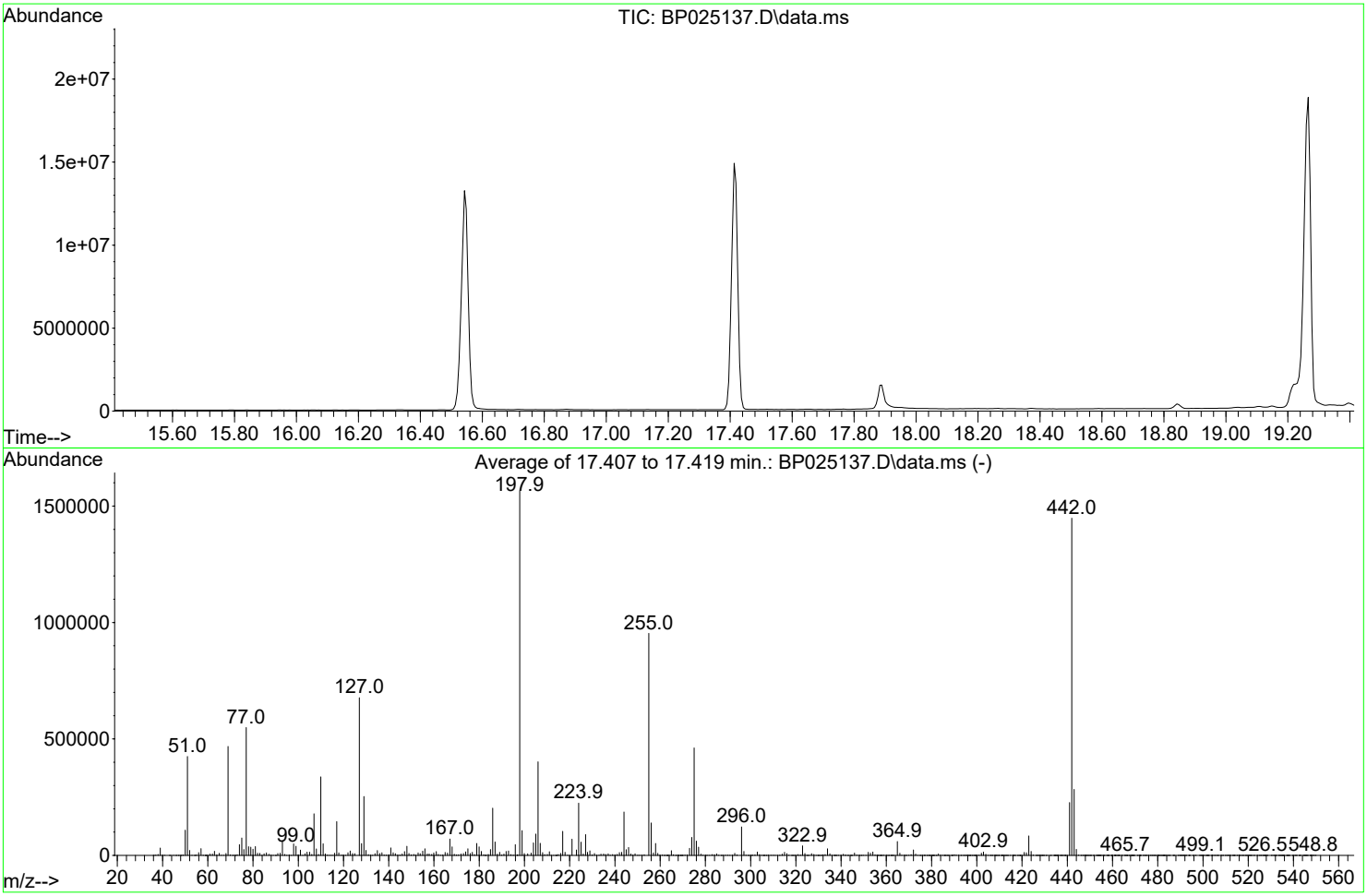
Sample Results: **BP025137.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025137.D
Acq On : 15 Jul 2025 08:55
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025



AutoFind: Scans 2460, 2461, 2462; Background Corrected with Scan 2449

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	8083	PASS
69	69	100	100	100.0	467686	PASS
70	69	0.00	2	0.5	2432	PASS
197	198	0.00	2	0.2	3025	PASS
198	198	100	100	100.0	1564419	PASS
199	198	5	9	6.8	106484	PASS
365	198	1	100	3.8	59381	PASS
441	443	0.01	150	79.9	226731	PASS
442	442	100	100	100.0	1448320	PASS
443	442	15	24	19.6	283648	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/15/2025	BNA_P	BP025137.D
Compound Name	**Response**	**Retention Time**
DDT	5862215	20.571
DDD	105722	20.154
DDE	3773	19.577
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
109495	5971710	1.83

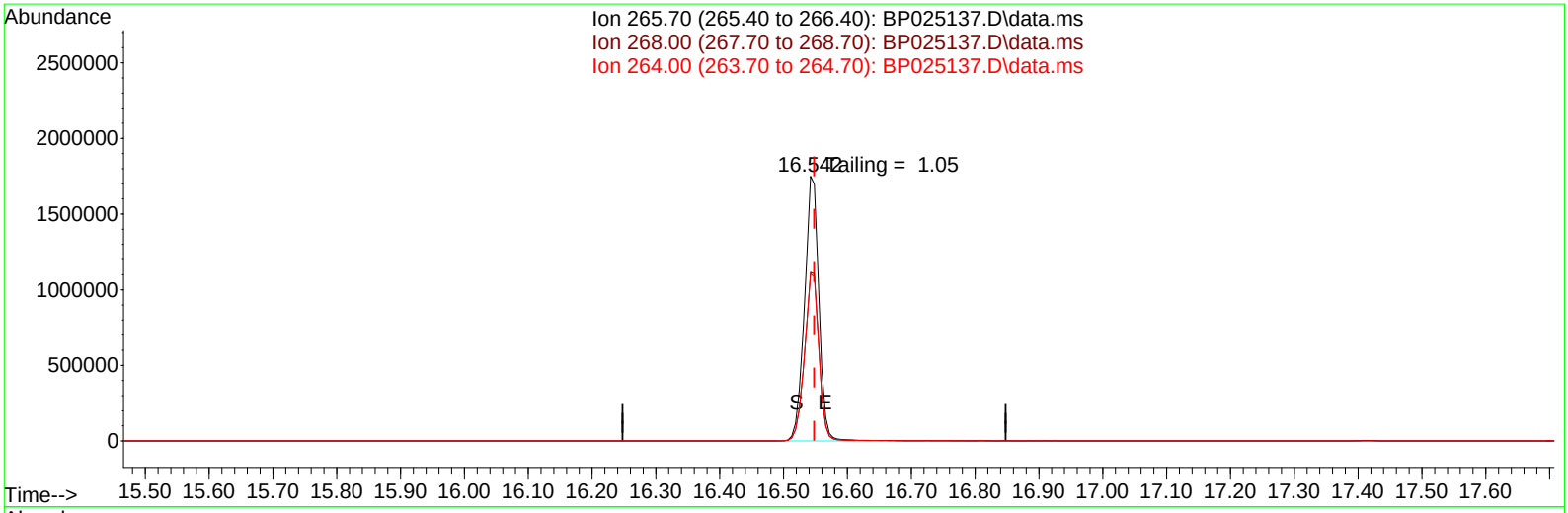
Instrument :
BNA_P
ClientSampleId :
DFTPP

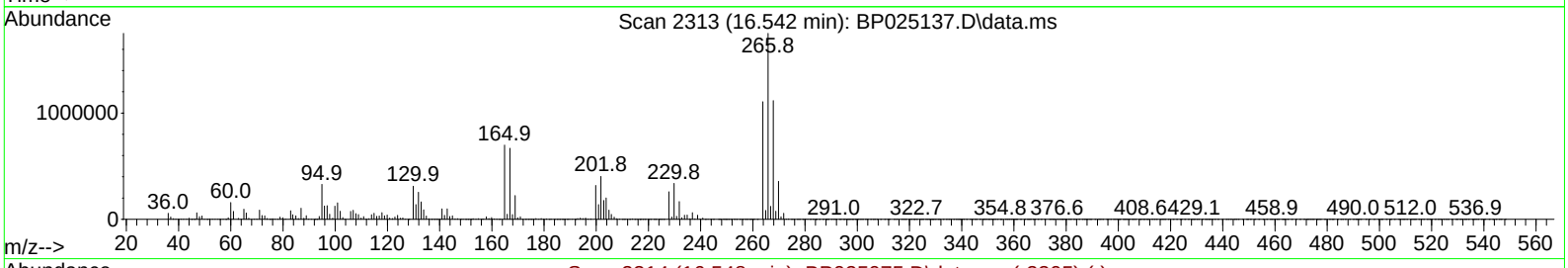
Sample Results: **BP025137.D**

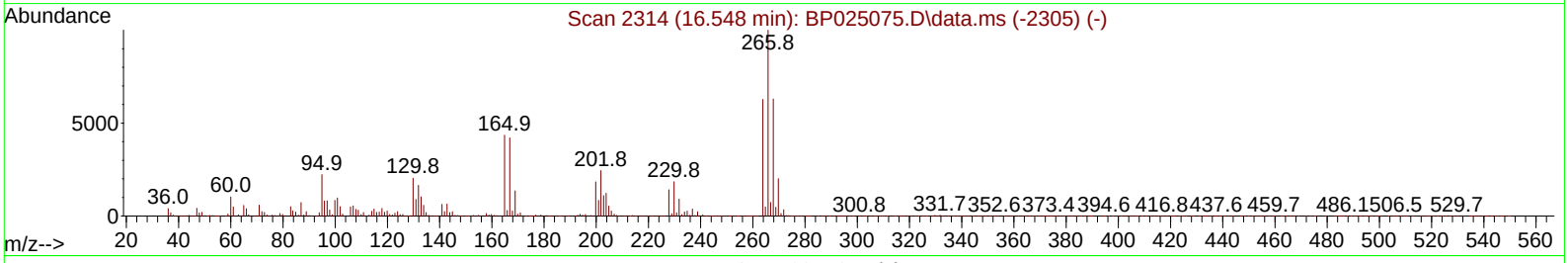
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025137.D
Acq On : 15 Jul 2025 08:55
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 15 11:52:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025137.D\data.ms

(70) Pentachlorophenol (C)

16.542min (-0.006) 102240.67 ng

response 2751382

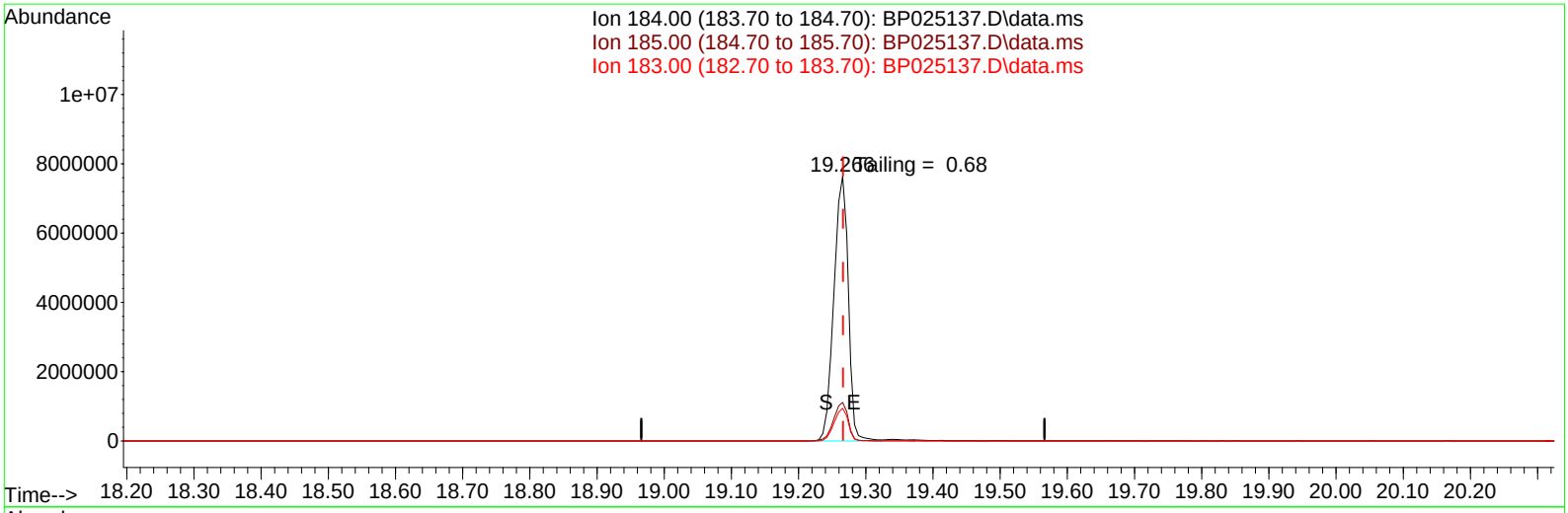
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	63.81
264.00	62.70	63.25
0.00	0.00	0.00

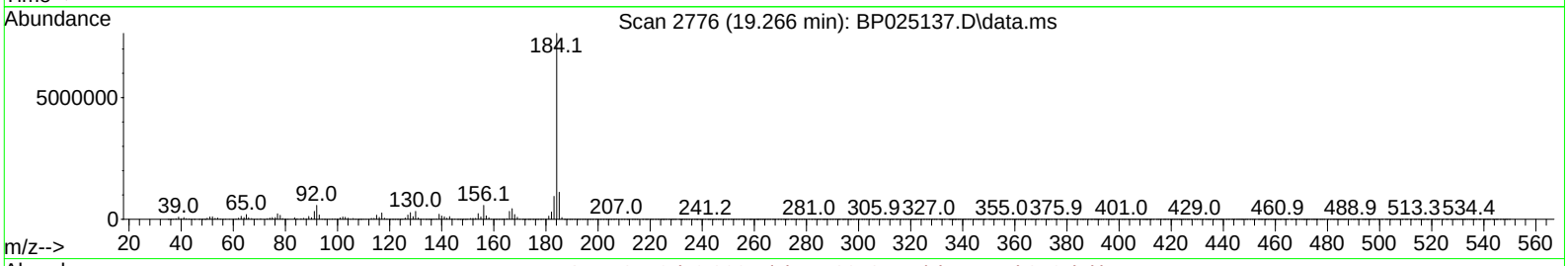
Sample Results: **BP025137.D**

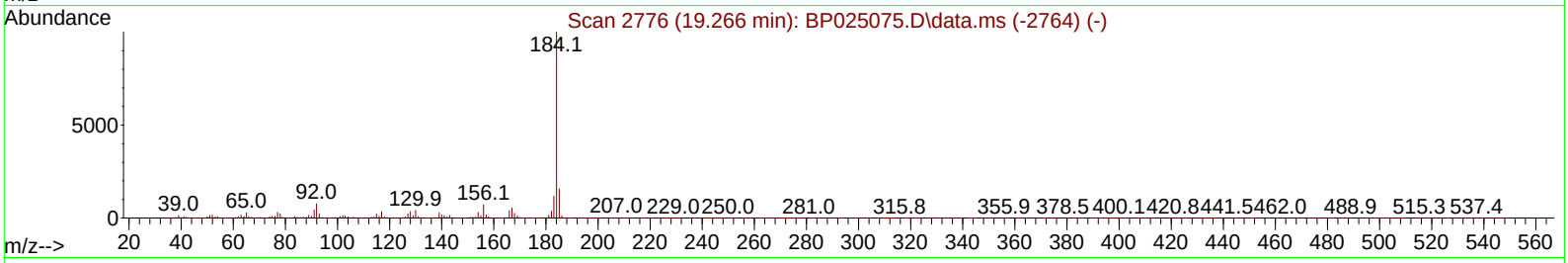
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025137.D
Acq On : 15 Jul 2025 08:55
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 15 11:52:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025137.D\data.ms

(77) Benzidine

19.266min (-0.000) 24087.44 ng

response 11322496

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.57
183.00	11.80	12.35
0.00	0.00	0.00

Raw Data: **BP025099.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168787BL	SDG No.:	Q2543
Lab Sample ID:	PB168787BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 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
BP025099.D	1	07/10/25 09:55	07/11/25 11:08	PB168787

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	79.9	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: **BP025099.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168787BL	SDG No.:	Q2543
Lab Sample ID:	PB168787BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 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
BP025099.D	1	07/10/25 09:55	07/11/25 11:08	PB168787

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	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Raw Data: **BP025099.D**

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	South River WM Replacement			Date Received:	
Client Sample ID:	PB168787BL			SDG No.:	Q2543
Lab Sample ID:	PB168787BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	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
BP025099.D	1	07/10/25 09:55	07/11/25 11:08	PB168787

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	134		18 - 112	90%	SPK: 150
13127-88-3	Phenol-d6	126		15 - 107	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.7		18 - 107	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.6		20 - 109	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	155		10 - 116	103%	SPK: 150
1718-51-0	Terphenyl-d14	91.8		10 - 105	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	436000	7.437			
1146-65-2	Naphthalene-d8	1710000	10.184			
15067-26-2	Acenaphthene-d10	1060000	14.084			
1517-22-2	Phenanthrene-d10	2270000	16.901			
1719-03-5	Chrysene-d12	2490000	21.336			
1520-96-3	Perylene-d12	2770000	24.46			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A		4.66	ug/Kg

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	South River WM Replacement			Date Received:	
Client Sample ID:	PB168787BL			SDG No.:	Q2543
Lab Sample ID:	PB168787BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	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
BP025099.D	1	07/10/25 09:55	07/11/25 11:08	PB168787

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\BP071125\
Data File : BP025099.D
Acq On : 11 Jul 2025 11:08
Operator : CG/JU
Sample : PB168787BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168787BL

Quant Time: Jul 11 11:32:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

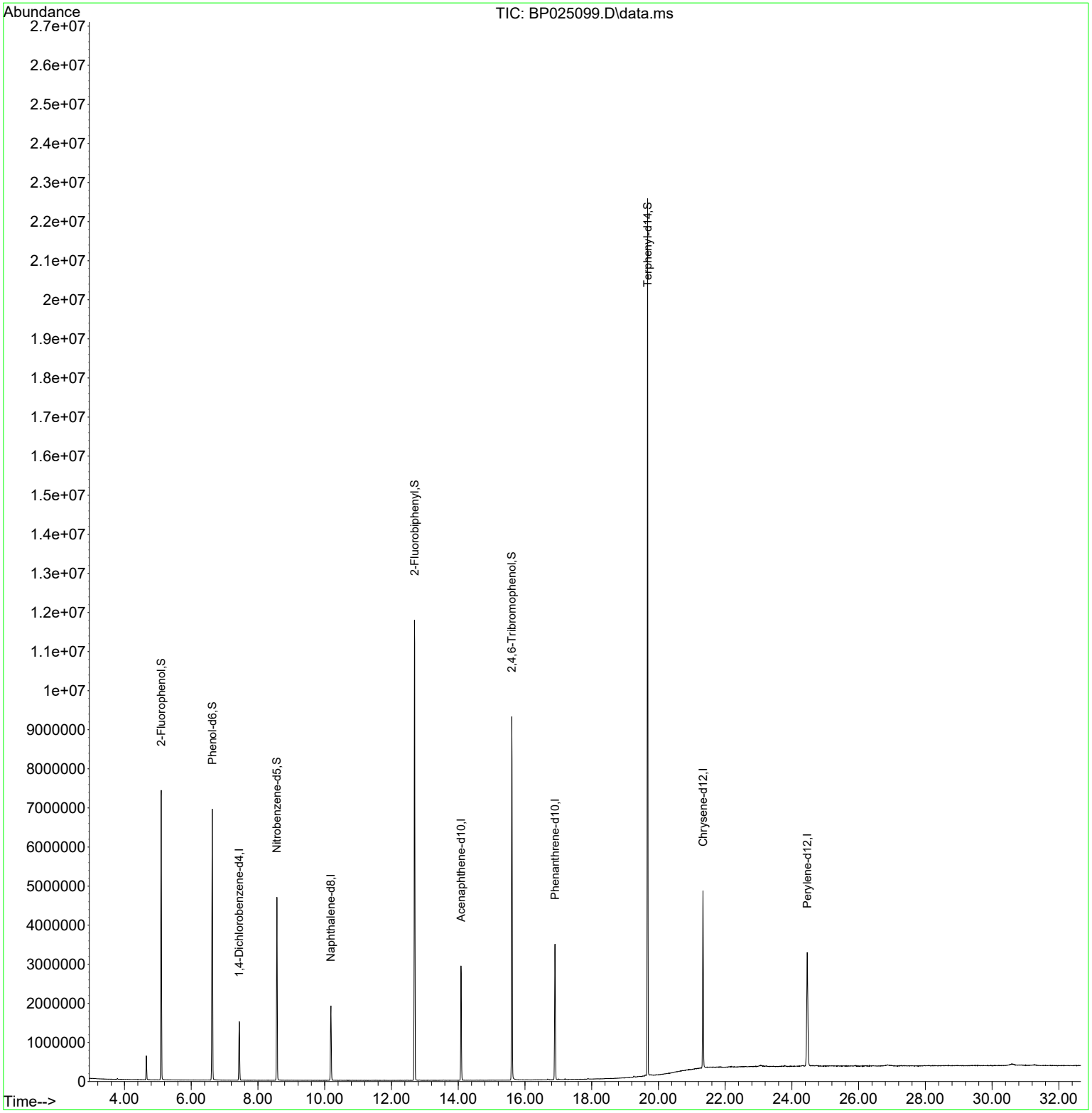
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	435629	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1705703	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1062765	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2270224	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2488979	20.000	ng	0.00
86) Perylene-d12	24.460	264	2769160	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3306419	134.483	ng	0.00
7) Phenol-d6	6.631	99	4036639	125.813	ng	0.00
23) Nitrobenzene-d5	8.566	82	2378393	92.733	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1944232	154.860	ng	-0.01
45) 2-Fluorobiphenyl	12.690	172	6216273	90.613	ng	0.00
79) Terphenyl-d14	19.677	244	10392323	91.765	ng	0.00
Target Compounds						Qvalue

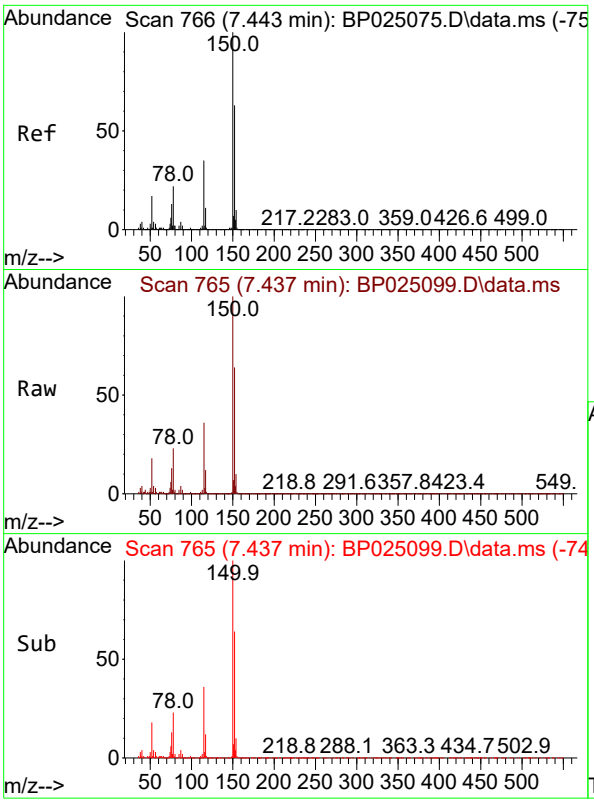
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025099.D
Acq On : 11 Jul 2025 11:08
Operator : CG/JU
Sample : PB168787BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168787BL

Quant Time: Jul 11 11:32:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



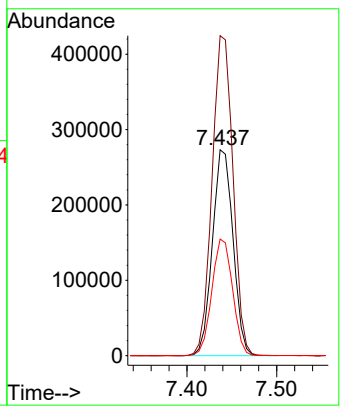


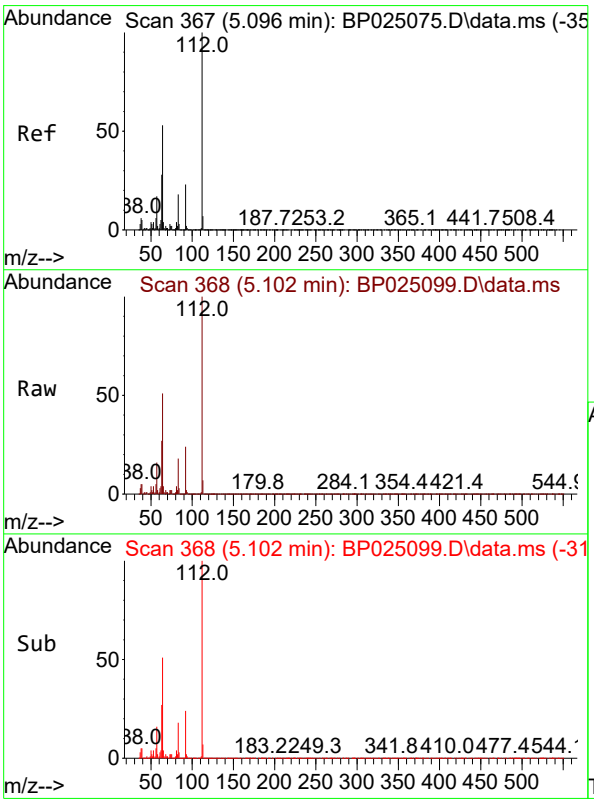
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Instrument :
BNA_P
ClientSampleId :
PB168787BL

Tgt Ion:152 Resp: 435629

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.1	189.1
115	56.7	44.3	66.5

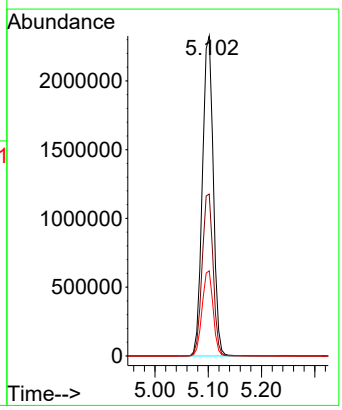


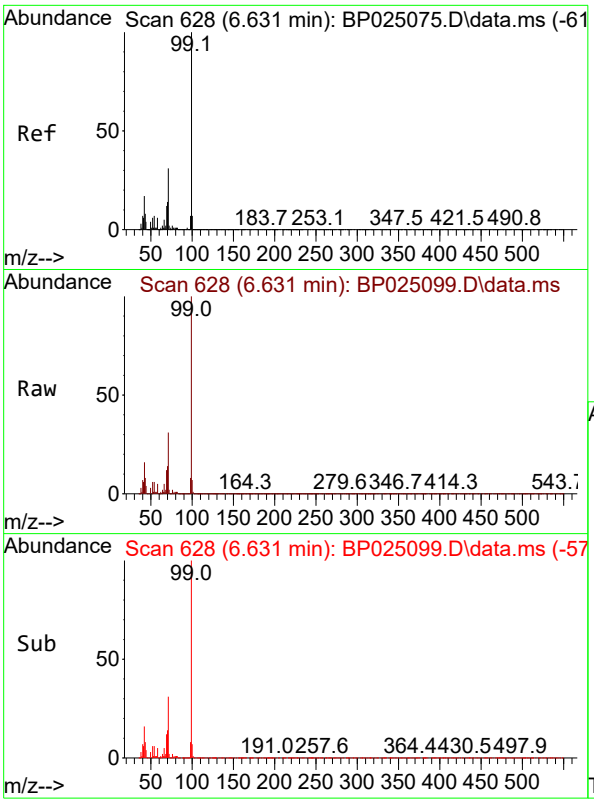


#5
2-Fluorophenol
Concen: 134.483 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Tgt Ion:112 Resp: 3306419

Ion	Ratio	Lower	Upper
112	100		
64	50.6	42.0	63.0
63	26.6	22.2	33.2



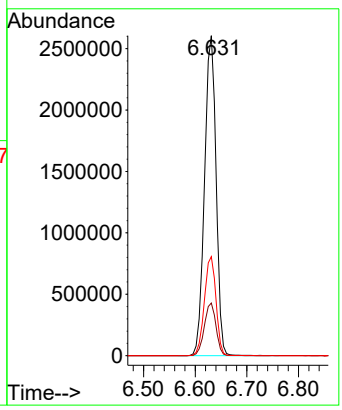


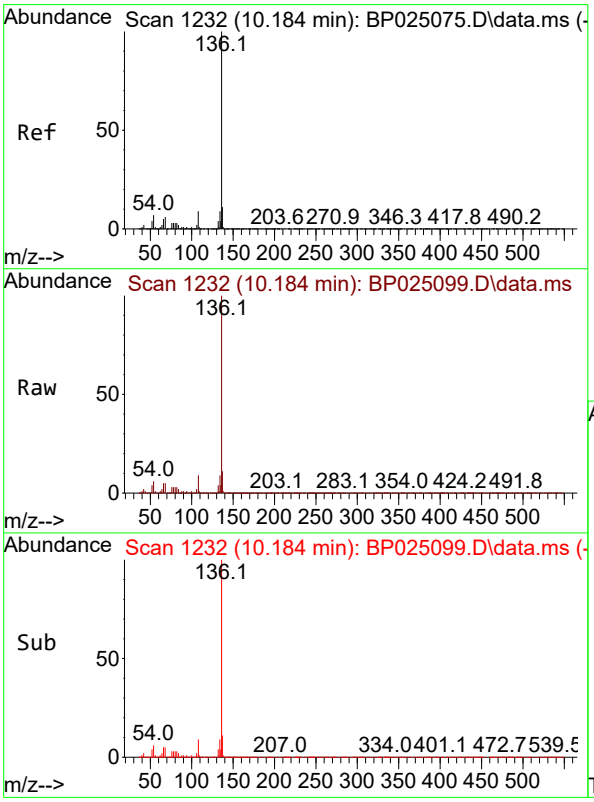
#7
Phenol-d6
Concen: 125.813 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Instrument :
BNA_P
ClientSampleId :
PB168787BL

Tgt Ion: 99 Resp: 4036639

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.6	20.4
71	31.0	24.4	36.6

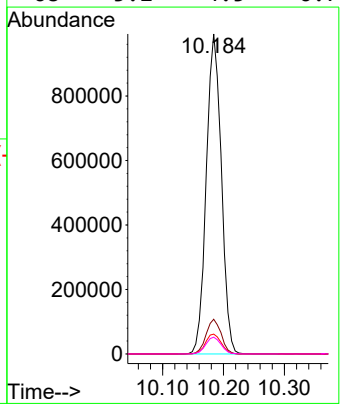


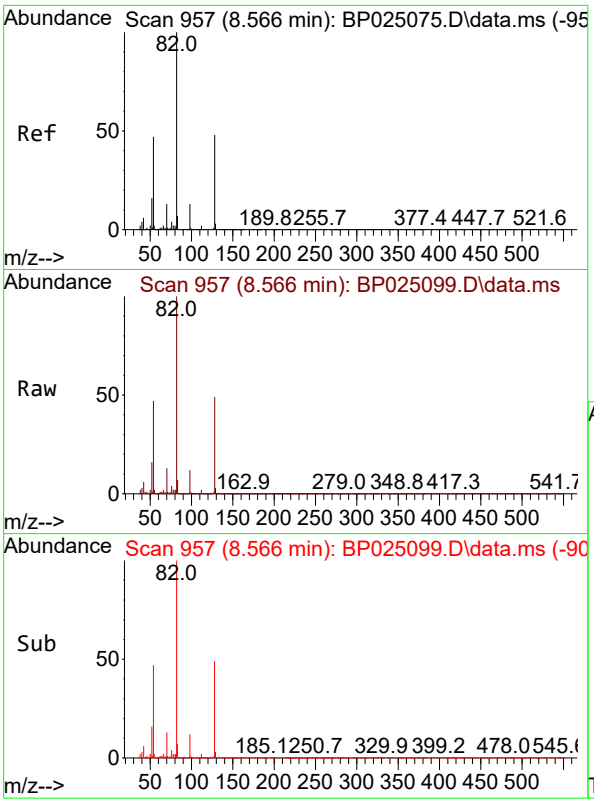


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Tgt Ion:136 Resp: 1705703

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.2	5.4	8.2
68	5.2	4.5	6.7



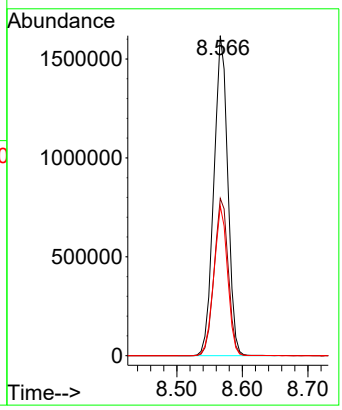


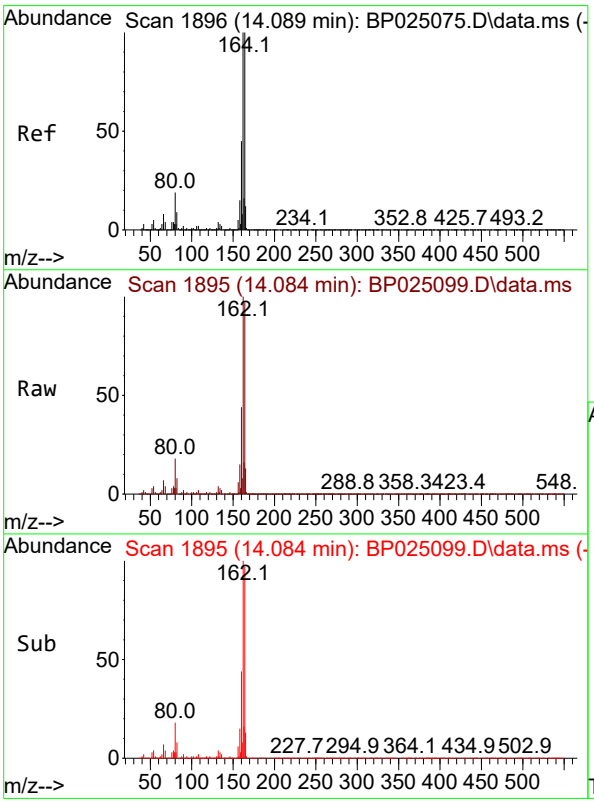
#23
Nitrobenzene-d5
Concen: 92.733 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Instrument :
BNA_P
ClientSampleId :
PB168787BL

Tgt Ion: 82 Resp: 2378393

Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.4	57.6
54	46.8	37.8	56.6

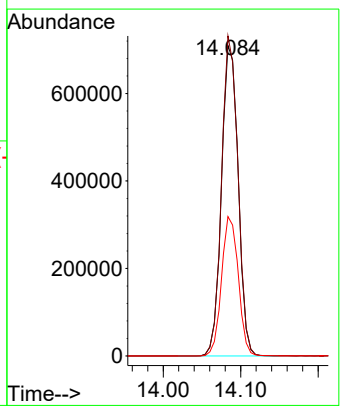


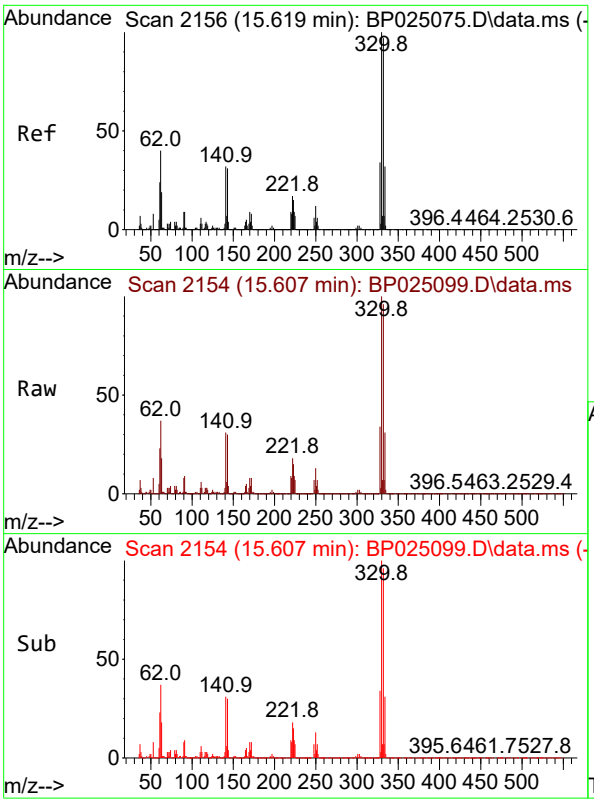


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Tgt Ion:164 Resp: 1062765

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.3	120.5
160	44.9	35.9	53.9



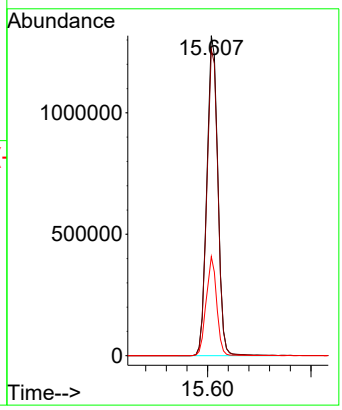


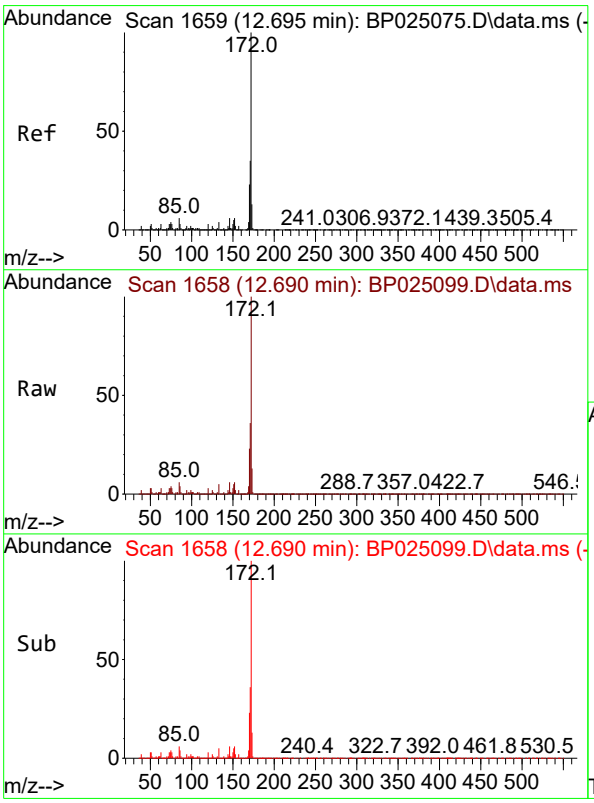
#42
2,4,6-Tribromophenol
Concen: 154.860 ng
RT: 15.607 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Instrument :
BNA_P
ClientSampleId :
PB168787BL

Tgt Ion:330 Resp: 1944232

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.7	116.5
141	29.6	26.0	39.0

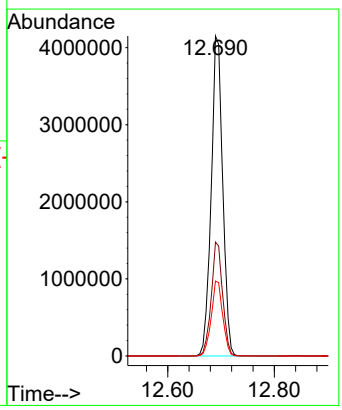


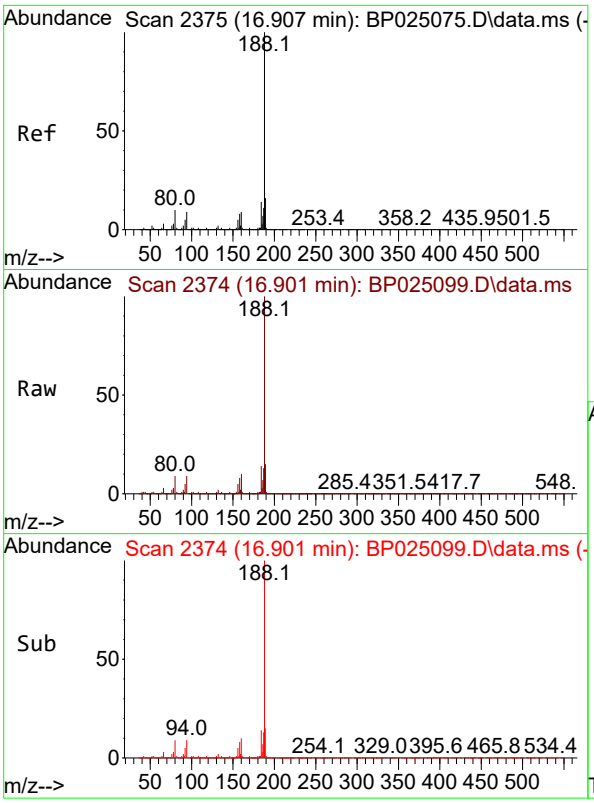


#45
2-Fluorobiphenyl
Concen: 90.613 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Tgt Ion:172 Resp: 6216273

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.4	18.7	28.1



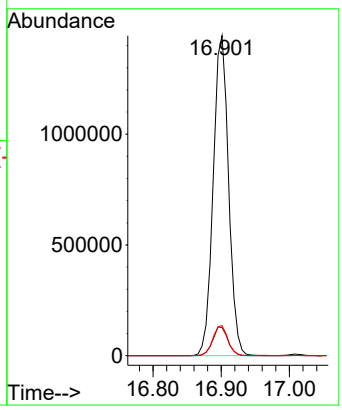


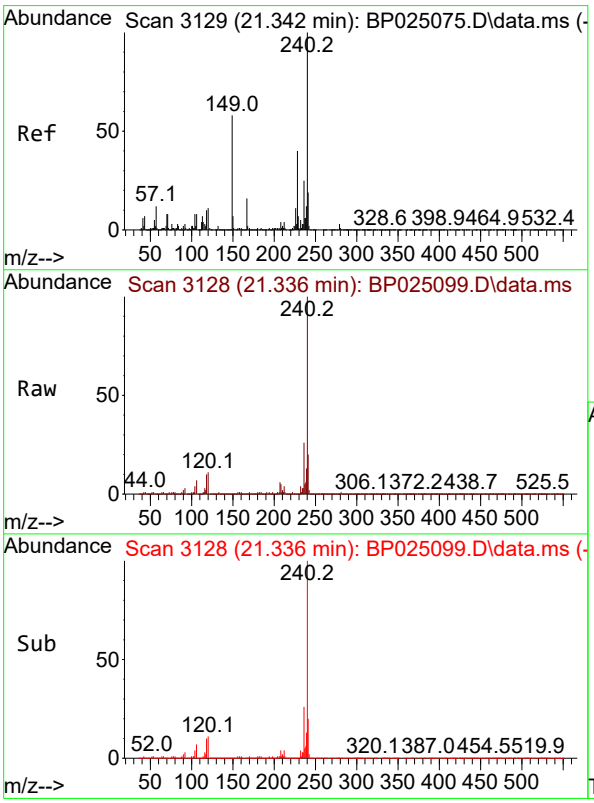
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Instrument :
BNA_P
ClientSampleId :
PB168787BL

Tgt Ion:188 Resp: 2270224

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.3	10.9
80	9.4	7.8	11.6

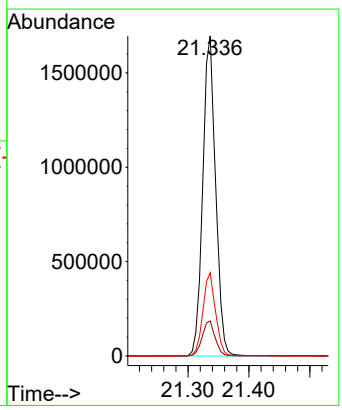


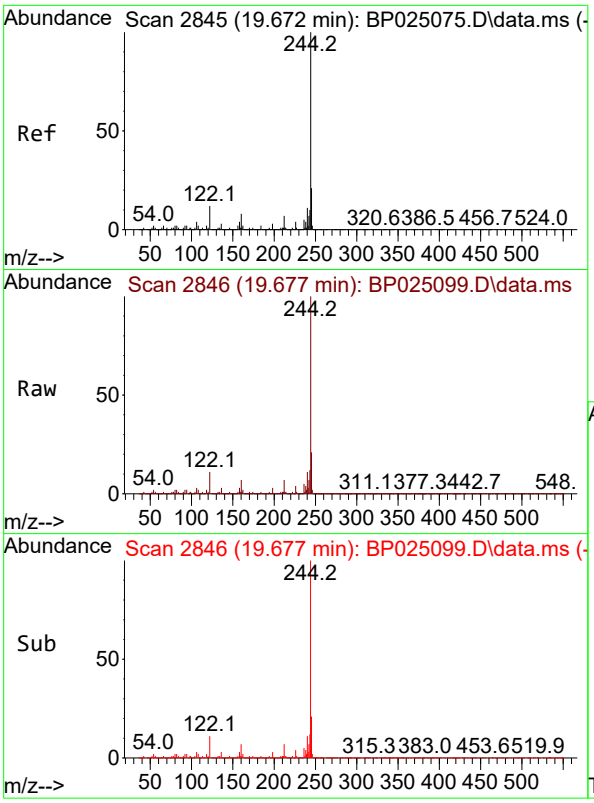


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Tgt Ion:240 Resp: 2488979

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.4
236	26.0	20.3	30.5



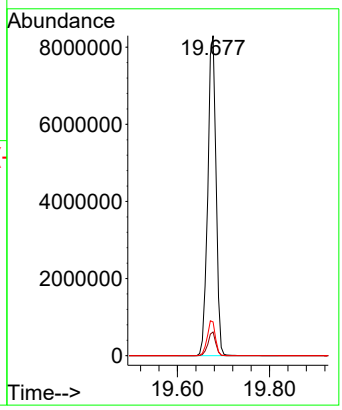


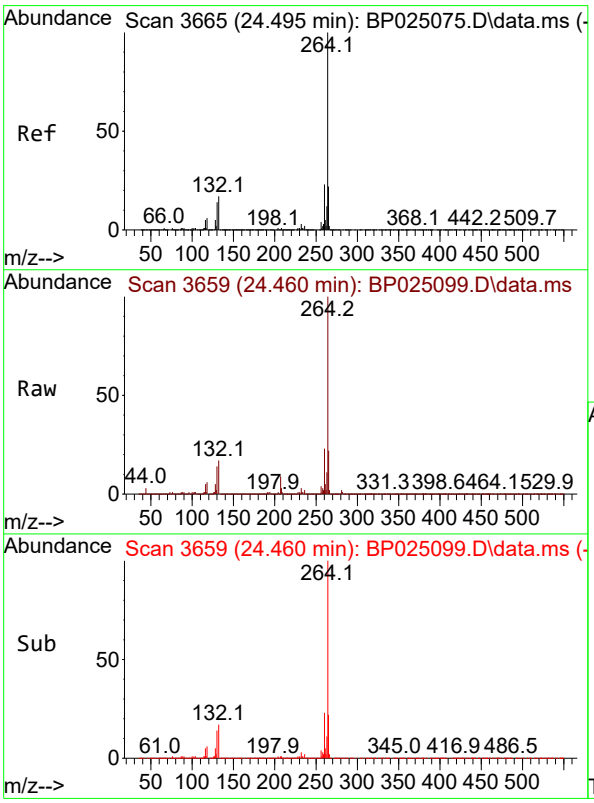
#79
Terphenyl-d14
Concen: 91.765 ng
RT: 19.677 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Instrument :
BNA_P
ClientSampleId :
PB168787BL

Tgt Ion:244 Resp:10392323

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.6	9.4	14.2

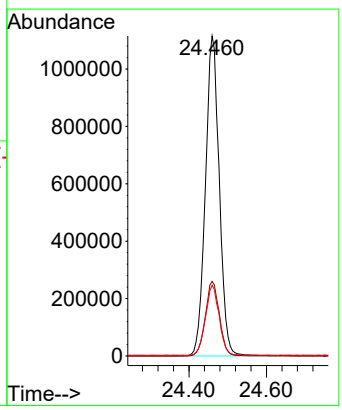




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3659
Delta R.T. -0.035 min
Lab File: BP025099.D
Acq: 11 Jul 2025 11:08

Tgt Ion:264 Resp: 2769160

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.1	17.7	26.5



Sample Results: **BP025099.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025099.D
Acq On : 11 Jul 2025 11:08
Operator : CG/JU
Sample : PB168787BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168787BL

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

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

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

Signal : TIC: BP025099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.655	287	292	301	rVB	615866	816329	2.94%	0.696%
2	5.102	361	368	385	rBV	7410449	10617193	38.26%	9.058%
3	6.631	620	628	641	rBV	6933355	10848499	39.09%	9.255%
4	7.437	757	765	773	rBV	1502368	2412582	8.69%	2.058%
5	8.566	949	957	973	rBV	4683701	6947661	25.03%	5.927%
6	10.184	1223	1232	1243	rBV	1910201	3302331	11.90%	2.817%
7	12.690	1648	1658	1672	rBV	11776523	17371128	62.59%	14.820%
8	14.084	1884	1895	1903	rBV	2930197	4406776	15.88%	3.760%
9	15.607	2147	2154	2175	rBV	9299317	13557949	48.85%	11.567%
10	16.901	2366	2374	2383	rBV2	3472034	5475035	19.73%	4.671%
11	19.677	2839	2846	2851	rBV	22429678	27752044	100.00%	23.677%
12	21.336	3122	3128	3139	rBV	4516255	6597914	23.77%	5.629%
13	24.460	3650	3659	3674	rVB	2902191	7106877	25.61%	6.063%

Sum of corrected areas: 117212318

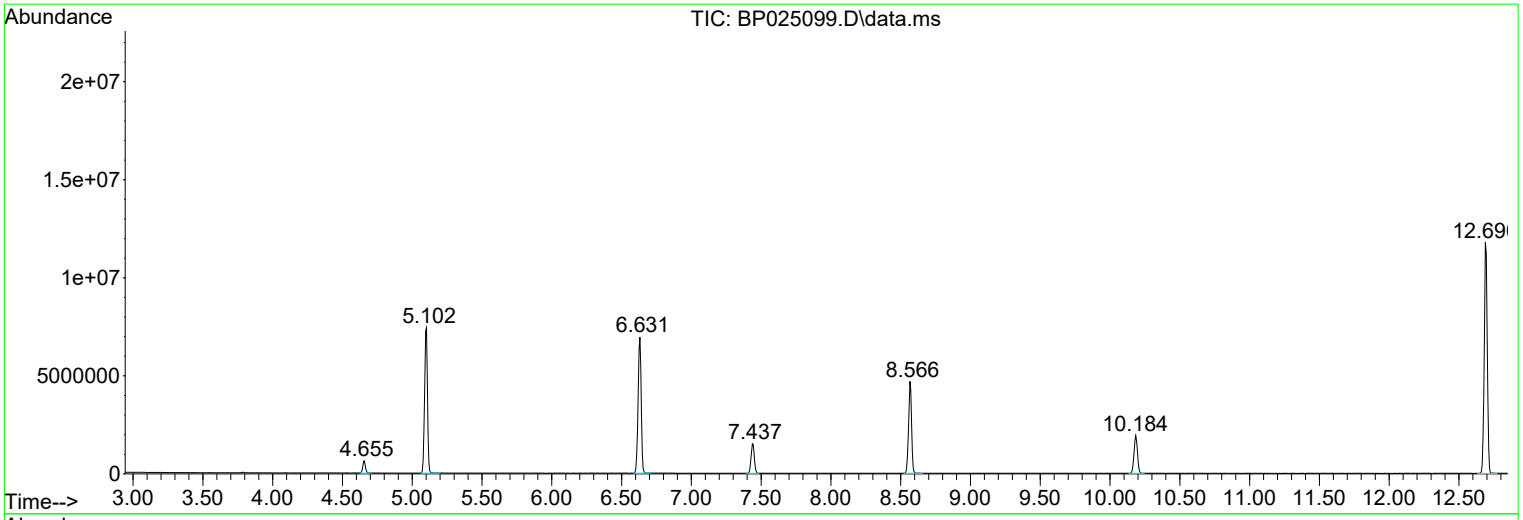
Sample Results: **BP025099.D**

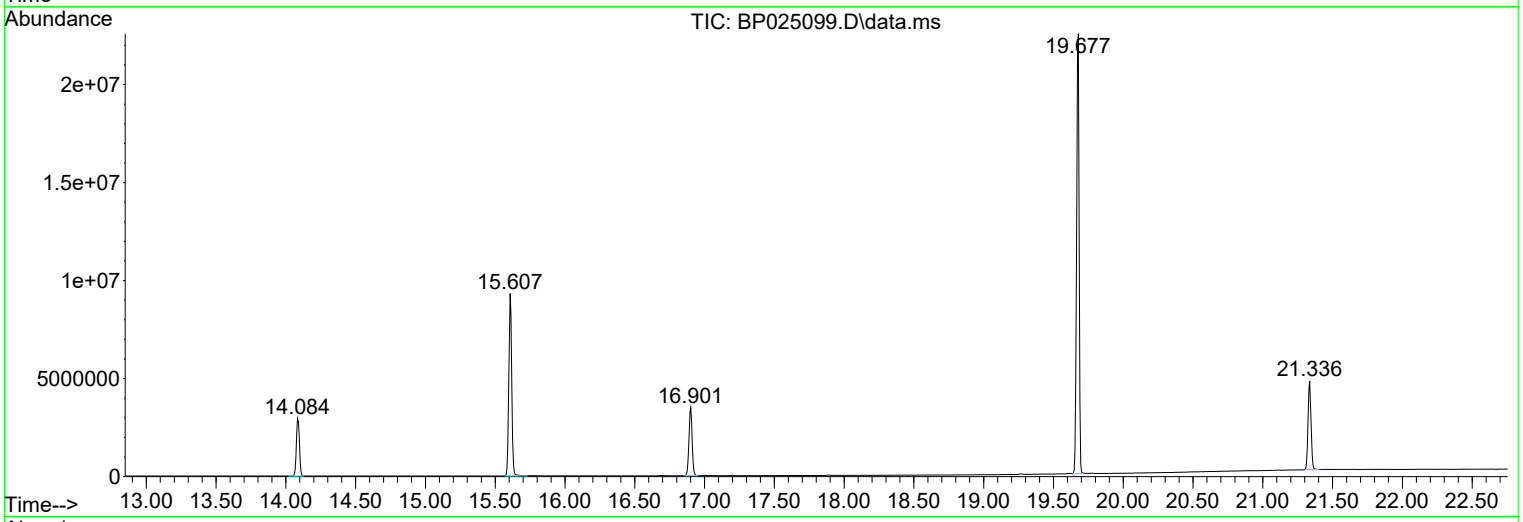
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025099.D
Acq On : 11 Jul 2025 11:08
Operator : CG/JU
Sample : PB168787BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

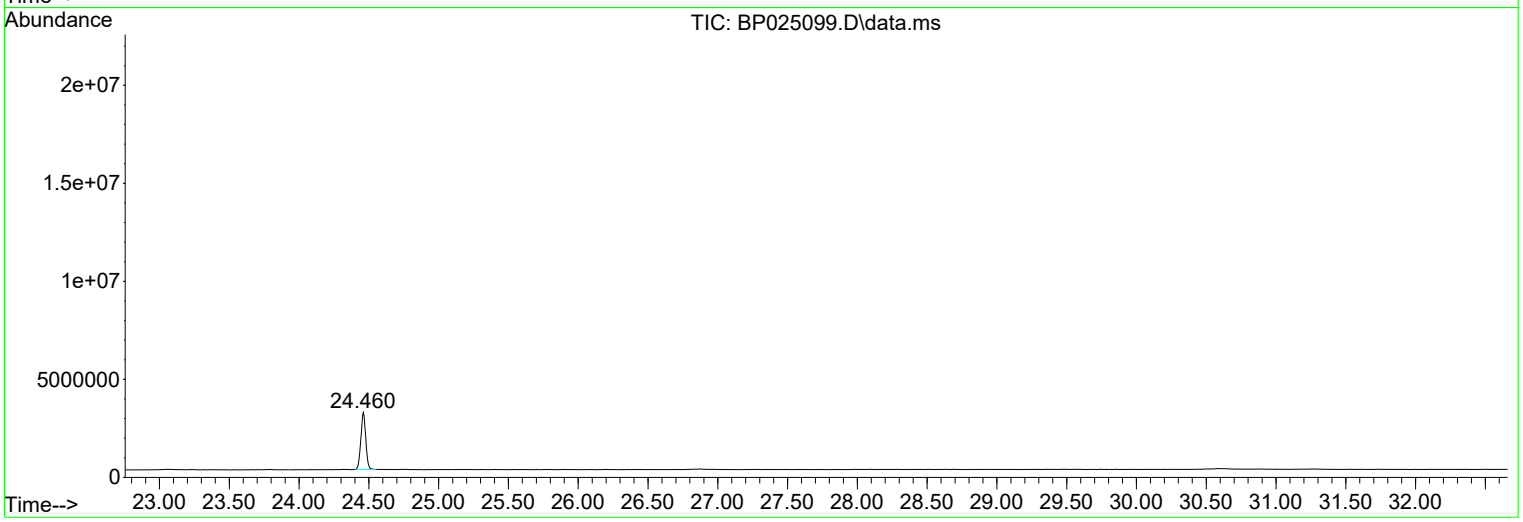
Instrument :
BNA_P
ClientSampleId :
PB168787BL

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

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025099.D
Acq On : 11 Jul 2025 11:08
Operator : CG/JU
Sample : PB168787BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168787BL

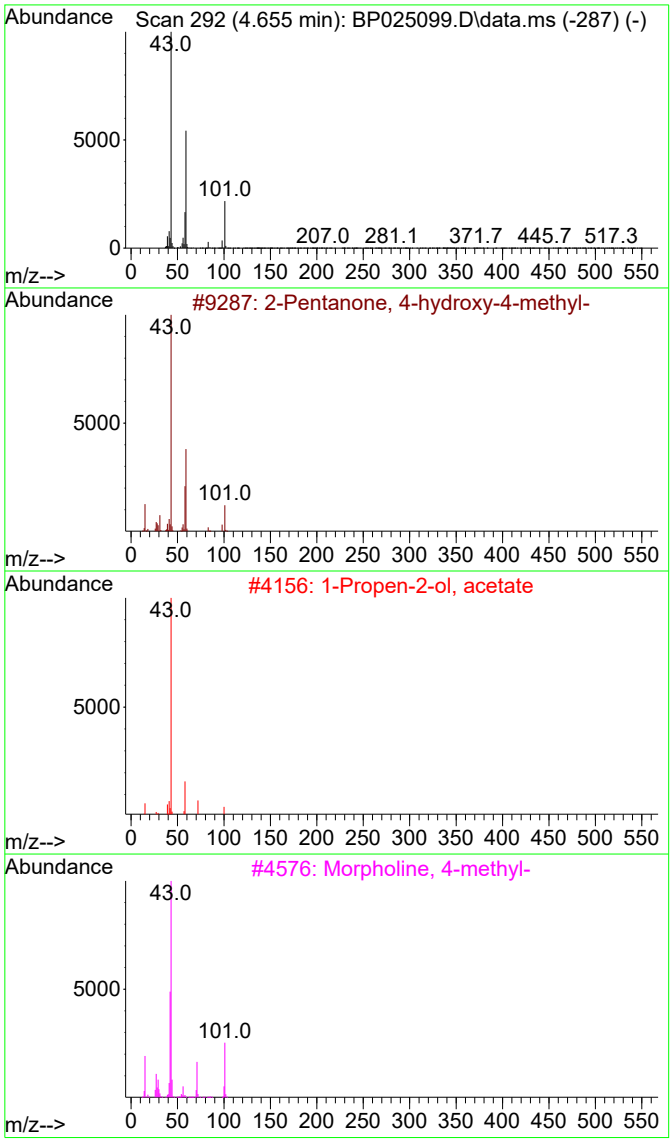
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

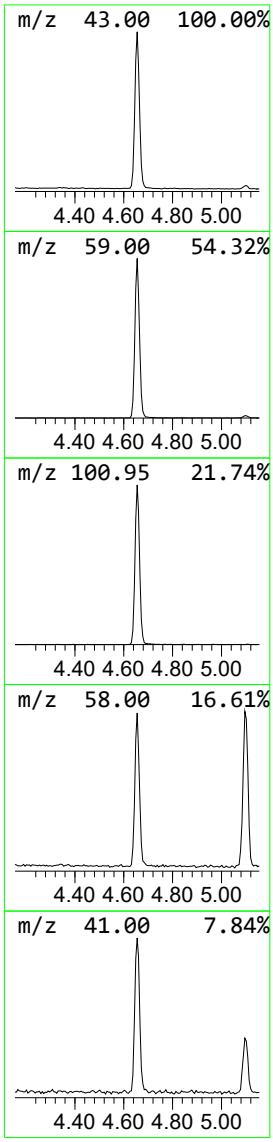
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.655	6.77 ng	816329	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025099.D
Acq On : 11 Jul 2025 11:08
Operator : CG/JU
Sample : PB168787BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168787BL

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.655	6.8	ng	816329	1	7.437	2412580	20.0

Raw Data: **BP025140.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168787BS	SDG No.:	Q2543
Lab Sample ID:	PB168787BS	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
BP025140.D	1	07/10/25 09:55	07/15/25 10:58	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1500		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	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)	1400		37.5	170	ug/Kg
98-86-2	Acetophenone	1400		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	80.0	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	1800		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	910		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1700		25.3	170	ug/Kg
105-60-2	Caprolactam	1500		52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8000	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Raw Data: **BP025140.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168787BS	SDG No.:	Q2543
Lab Sample ID:	PB168787BS	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
BP025140.D	1	07/10/25 09:55	07/15/25 10:58	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1700		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1100		46.0	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	4000	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3300	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1400		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.1	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		25.3	170	ug/Kg
1912-24-9	Atrazine	2100		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3400	E	51.3	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	1700		47.9	170	ug/Kg
206-44-0	Fluoranthene	1600		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		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	1900		59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg

Raw Data: **BP025140.D**

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	South River WM Replacement			Date Received:	
Client Sample ID:	PB168787BS			SDG No.:	Q2543
Lab Sample ID:	PB168787BS			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
BP025140.D	1	07/10/25 09:55	07/15/25 10:58	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		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	141		18 - 112	94%	SPK: 150
13127-88-3	Phenol-d6	118		15 - 107	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.9		18 - 107	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.5		20 - 109	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		10 - 116	99%	SPK: 150
1718-51-0	Terphenyl-d14	95.8		10 - 105	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	579000	7.443			
1146-65-2	Naphthalene-d8	2210000	10.184			
15067-26-2	Acenaphthene-d10	1340000	14.084			
1517-22-2	Phenanthrene-d10	2600000	16.895			
1719-03-5	Chrysene-d12	2650000	21.348			
1520-96-3	Perylene-d12	2990000	24.471			

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\BP071525\
Data File : BP025140.D
Acq On : 15 Jul 2025 10:58
Operator : CG/JU
Sample : PB168787BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Quant Time: Jul 15 11:55:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	578947	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2205741	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1344565	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2600633	20.000	ng	-0.01
76) Chrysene-d12	21.348	240	2649430	20.000	ng	0.00
86) Perylene-d12	24.471	264	2985173	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4616973	141.301	ng	0.01
7) Phenol-d6	6.643	99	5015815	117.632	ng	0.01
23) Nitrobenzene-d5	8.572	82	3014318	90.884	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2360358	148.602	ng	-0.01
45) 2-Fluorobiphenyl	12.689	172	7592628	87.480	ng	0.00
79) Terphenyl-d14	19.671	244	11546522	95.782	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	513144	40.387	ng	99
3) Pyridine	3.490	79	1471902	42.314	ng	98
4) n-Nitrosodimethylamine	3.408	42	670765	45.542	ng	91
6) Aniline	6.784	93	1794184	45.035	ng	99
8) 2-Chlorophenol	7.013	128	1724893	47.182	ng	99
9) Benzaldehyde	6.596	77	1009931	45.352	ng	97
10) Phenol	6.666	94	1944799	44.888	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	1443733	43.298	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1869457	45.691	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1895611	45.760	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1815429	45.557	ng	99
15) Benzyl Alcohol	7.672	79	1312465	46.117	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1806415	41.665	ng	98
17) 2-Methylphenol	7.884	107	1320223	47.305	ng	99
18) Hexachloroethane	8.496	117	660299	48.929	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	1056663	41.786	ng	97
20) 3+4-Methylphenols	8.207	107	1787025	45.714	ng	99
22) Acetophenone	8.249	105	2262936	43.380	ng	98
24) Nitrobenzene	8.613	77	1579610	46.758	ng	95
25) Isophorone	9.131	82	2967267	47.873	ng	99
26) 2-Nitrophenol	9.313	139	886062	53.633	ng	99
27) 2,4-Dimethylphenol	9.384	122	1524268	65.925	ng	100
28) bis(2-Chloroethoxy)met...	9.619	93	1881129	44.698	ng	99
29) 2,4-Dichlorophenol	9.837	162	1571601	49.020	ng	100
30) 1,2,4-Trichlorobenzene	10.054	180	1678478	47.277	ng	97
31) Naphthalene	10.237	128	4967059	43.732	ng	100
32) Benzoic acid	9.531	122	1154131	49.712	ng	98
33) 4-Chloroaniline	10.343	127	1159532	27.356	ng	99
34) Hexachlorobutadiene	10.531	225	1015833	49.859	ng	99
35) Caprolactam	11.125	113	485189m	44.238	ng	
36) 4-Chloro-3-methylphenol	11.484	107	1544733	46.107	ng	100
37) 2-Methylnaphthalene	11.860	142	3133351	39.099	ng	100
38) 1-Methylnaphthalene	12.090	142	3257312	41.677	ng	100
40) 1,2,4,5-Tetrachloroben...	12.237	216	1820826	47.120	ng	99
41) Hexachlorocyclopentadiene	12.231	237	2423523	240.105	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	1252788	53.541	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025140.D
Acq On : 15 Jul 2025 10:58
Operator : CG/JU
Sample : PB168787BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Quant Time: Jul 15 11:55:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

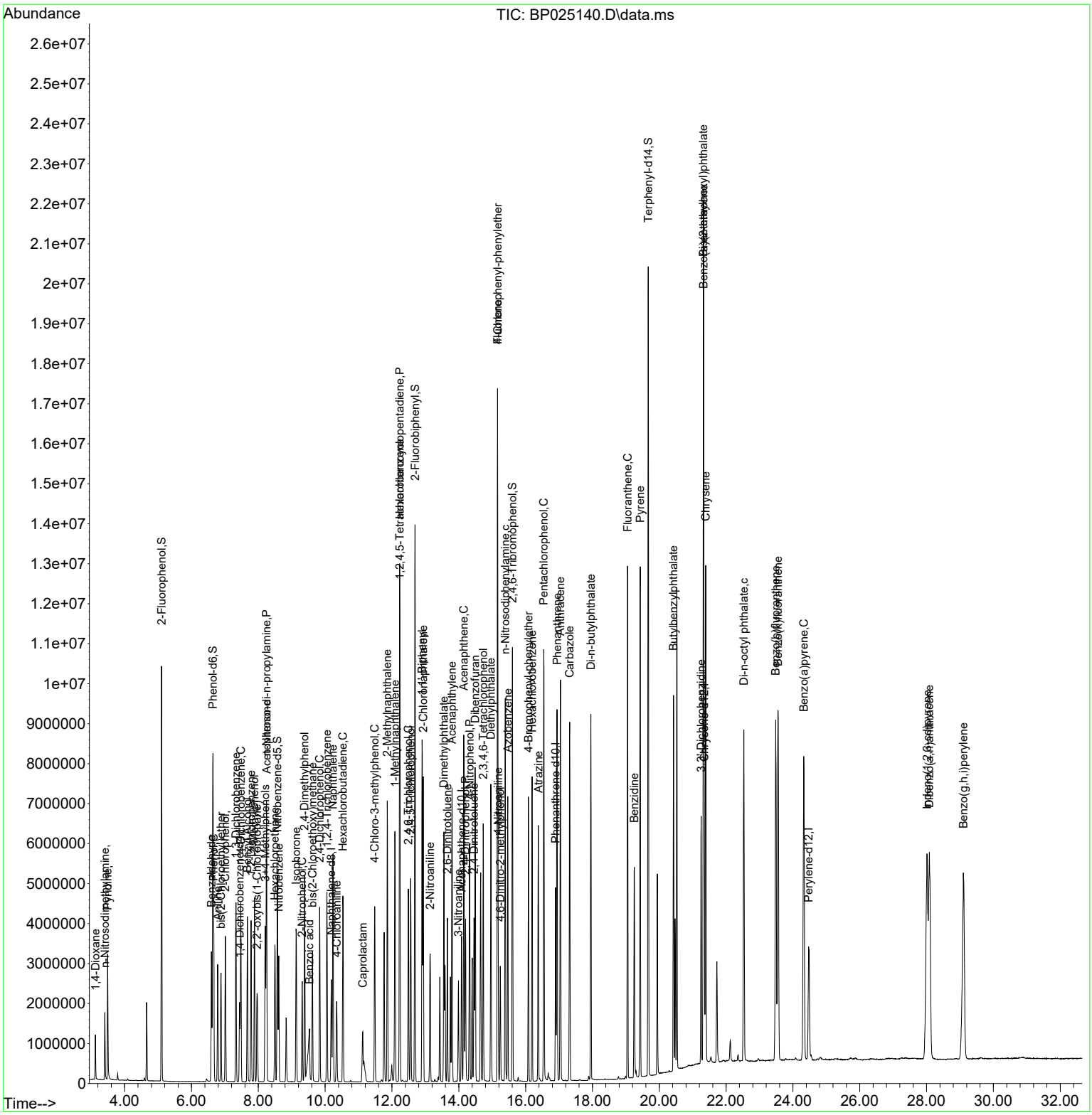
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1379402	52.018	ng		98
46) 1,1'-Biphenyl	12.901	154	4432784	45.312	ng		100
47) 2-Chloronaphthalene	12.937	162	3446635	46.874	ng		99
48) 2-Nitroaniline	13.142	65	889225	49.290	ng		95
49) Acenaphthylene	13.795	152	5677000	50.445	ng		100
50) Dimethylphthalate	13.554	163	4274143	45.412	ng		99
51) 2,6-Dinitrotoluene	13.660	165	952950	51.914	ng		92
52) Acenaphthene	14.148	154	3196819	44.073	ng		99
53) 3-Nitroaniline	13.989	138	663658	33.736	ng		100
54) 2,4-Dinitrophenol	14.201	184	1110577	120.847	ng		95
55) Dibenzofuran	14.489	168	5124164	42.806	ng		99
56) 4-Nitrophenol	14.325	139	1823520	100.446	ng		94
57) 2,4-Dinitrotoluene	14.454	165	1345947	49.853	ng		92
58) Fluorene	15.160	166	4089317	44.166	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1210477	50.408	ng		97
60) Diethylphthalate	14.960	149	4304454	45.534	ng		100
61) 4-Chlorophenyl-phenyle...	15.160	204	2046693	44.667	ng		99
62) 4-Nitroaniline	15.178	138	1014937	49.203	ng		98
63) Azobenzene	15.466	77	3516056	41.769	ng		95
65) 4,6-Dinitro-2-methylph...	15.242	198	728904	60.012	ng		98
66) n-Nitrosodiphenylamine	15.389	169	3676393	49.396	ng		100
67) 4-Bromophenyl-phenylether	16.083	248	1373072	51.565	ng		97
68) Hexachlorobenzene	16.195	284	1621227	49.813	ng		98
69) Atrazine	16.383	200	1367167	62.687	ng		98
70) Pentachlorophenol	16.542	266	2249506	102.342	ng		99
71) Phenanthrene	16.942	178	6502117	46.790	ng		99
72) Anthracene	17.042	178	6587542	49.413	ng		100
73) Carbazole	17.319	167	6276914	48.154	ng		100
74) Di-n-butylphthalate	17.954	149	7509386	51.733	ng		99
75) Fluoranthene	19.054	202	7600190	46.789	ng		99
77) Benzidine	19.254	184	3443348	73.587	ng		97
78) Pyrene	19.430	202	7883795	48.043	ng		100
80) Butylbenzylphthalate	20.424	149	3454852	54.134	ng		99
81) Benzo(a)anthracene	21.324	228	7841380	48.838	ng		99
82) 3,3'-Dichlorobenzidine	21.254	252	2025908	41.914	ng		100
83) Chrysene	21.389	228	7214825	46.694	ng		100
84) Bis(2-ethylhexyl)phtha...	21.318	149	4929216	57.235	ng		99
85) Di-n-octyl phthalate	22.530	149	8420149	52.644	ng		98
87) Indeno(1,2,3-cd)pyrene	28.012	276	10133048	53.284	ng	#	93
88) Benzo(b)fluoranthene	23.483	252	7993085	46.003	ng		100
89) Benzo(k)fluoranthene	23.554	252	8142182	47.097	ng		99
90) Benzo(a)pyrene	24.324	252	7808984	52.806	ng		100
91) Dibenzo(a,h)anthracene	28.083	278	8279761	52.671	ng		98
92) Benzo(g,h,i)perylene	29.100	276	8188896	50.428	ng		99

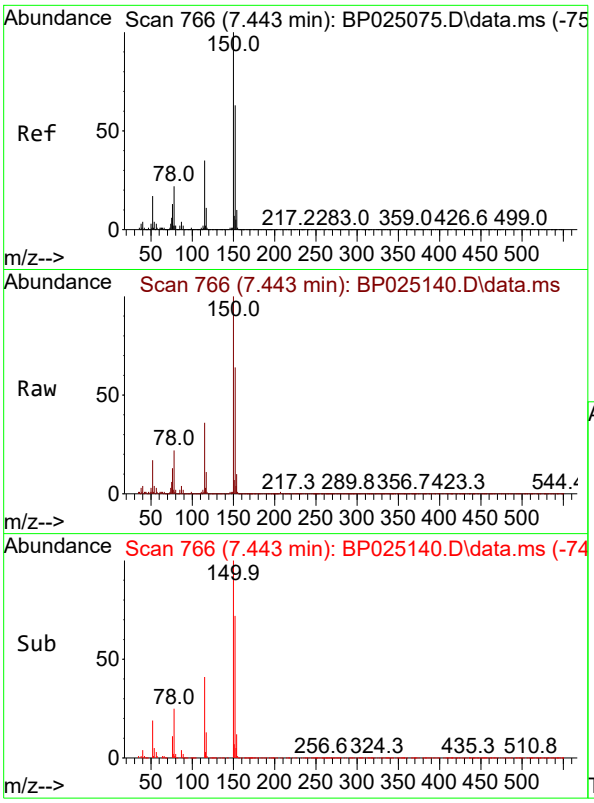
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025140.D
Acq On : 15 Jul 2025 10:58
Operator : CG/JU
Sample : PB168787BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Quant Time: Jul 15 11:55:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



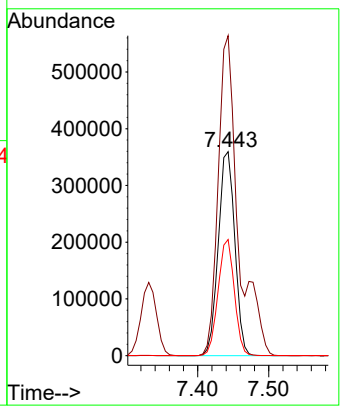


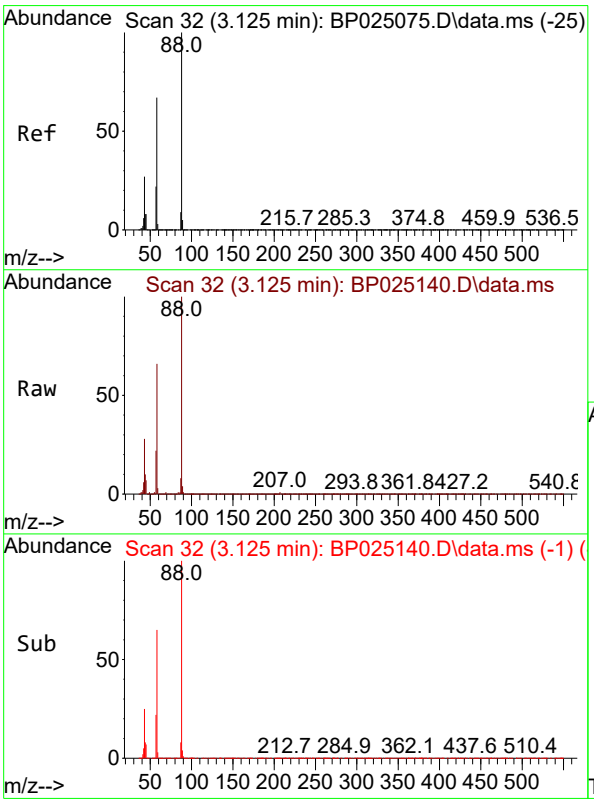
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:152 Resp: 578947

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.1	189.1
115	56.9	44.3	66.5

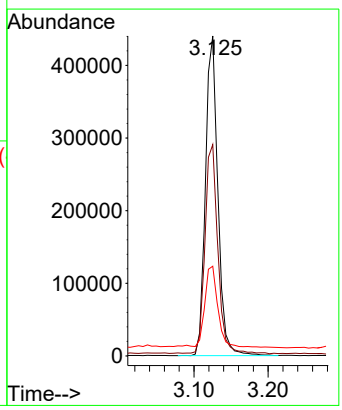


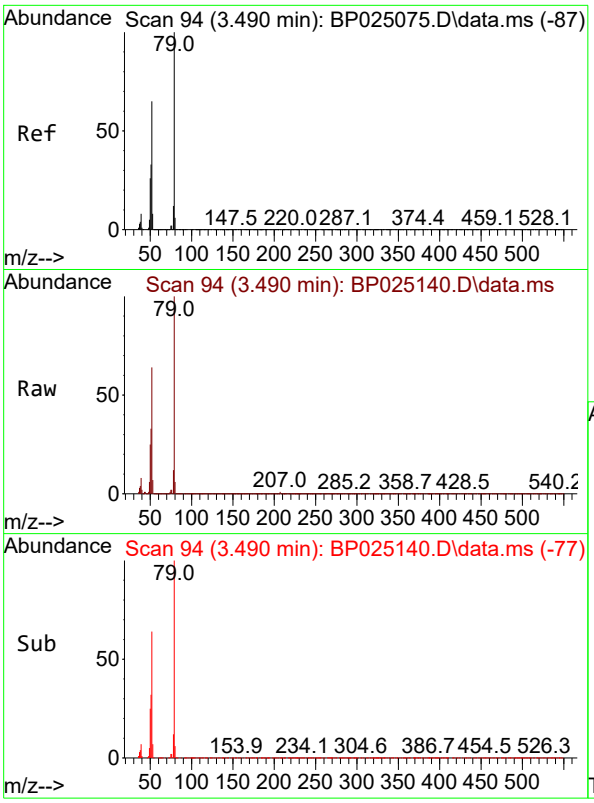


#2
1,4-Dioxane
Concen: 40.387 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 88 Resp: 513144

Ion	Ratio	Lower	Upper
88	100		
58	67.7	55.0	82.4
43	27.3	21.9	32.9



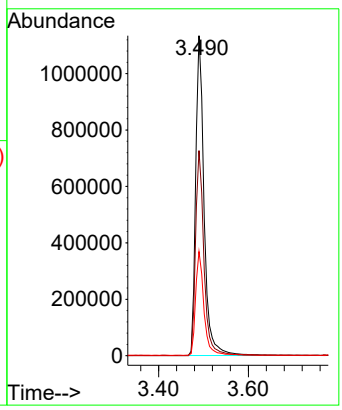


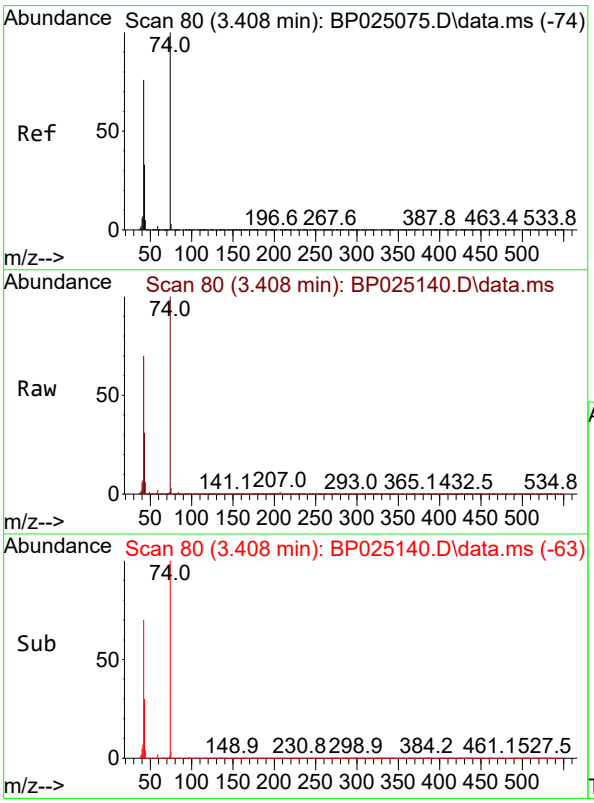
#3
Pyridine
Concen: 42.314 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion: 79 Resp: 1471902

Ion	Ratio	Lower	Upper
79	100		
52	64.1	52.2	78.4
51	32.6	26.8	40.2

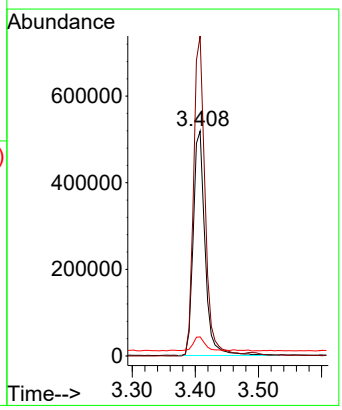


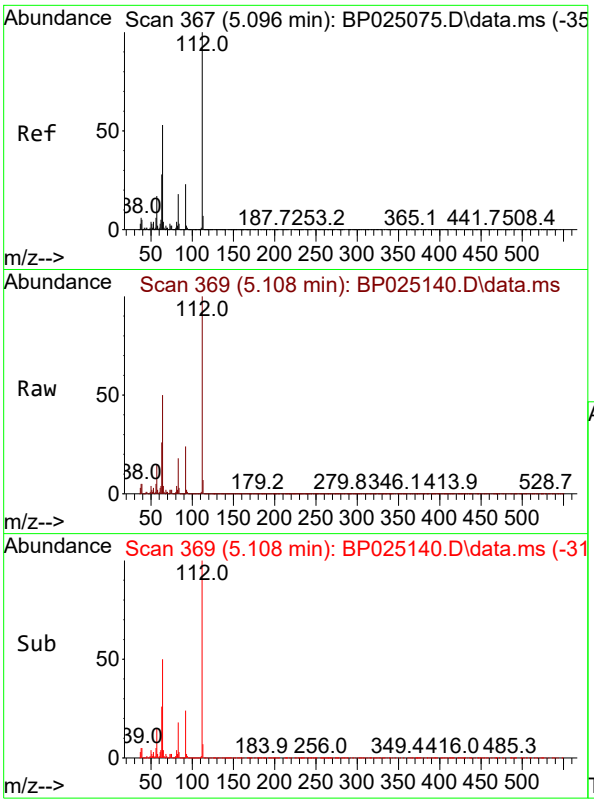


#4
n-Nitrosodimethylamine
Concen: 45.542 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 42 Resp: 670765

Ion	Ratio	Lower	Upper
42	100		
74	142.4	105.2	157.8
44	8.4	6.6	9.8



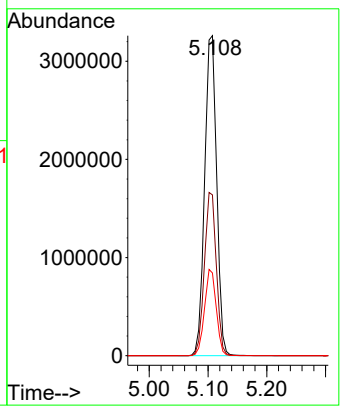


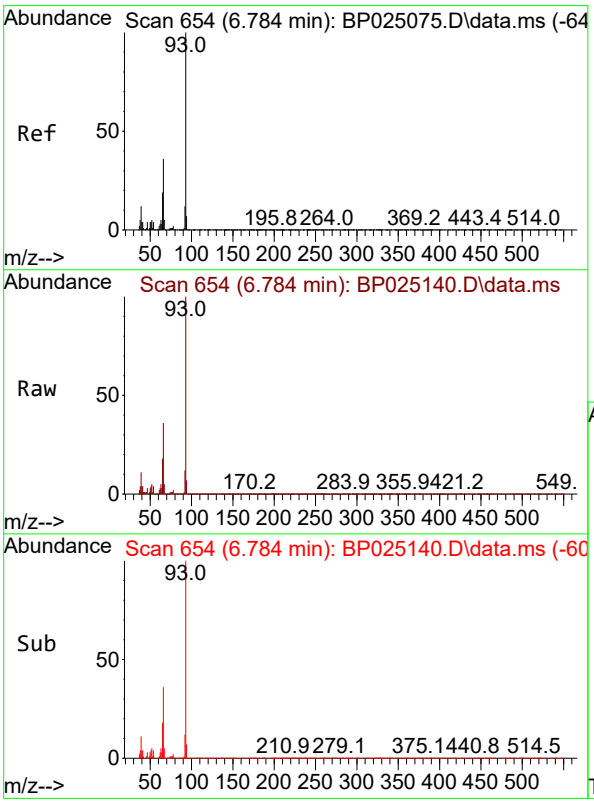
#5
2-Fluorophenol
Concen: 141.301 ng
RT: 5.108 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:112 Resp: 4616973

Ion	Ratio	Lower	Upper
112	100		
64	50.2	42.0	63.0
63	25.8	22.2	33.2

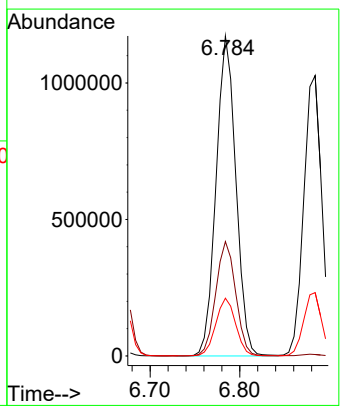


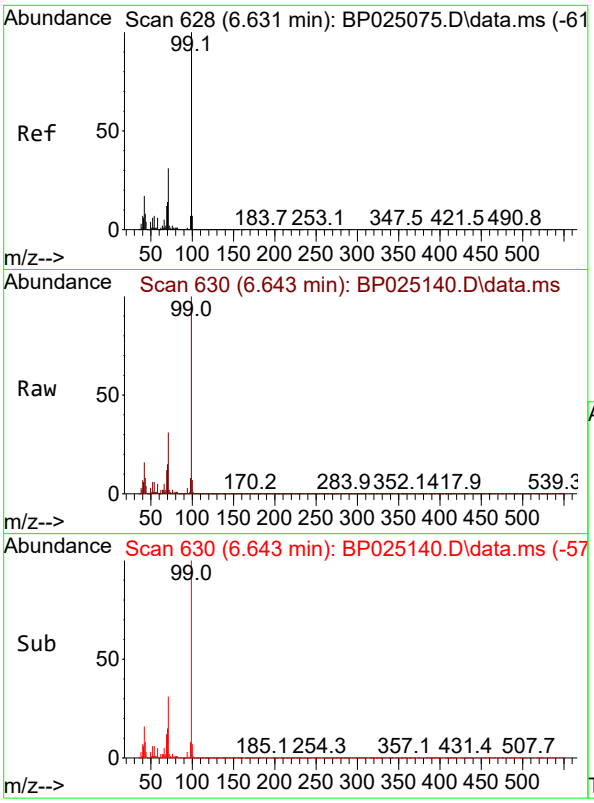


#6
Aniline
Concen: 45.035 ng
RT: 6.784 min Scan# 654
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 93 Resp: 1794184

Ion	Ratio	Lower	Upper
93	100		
66	35.8	28.9	43.3
65	18.0	15.2	22.8



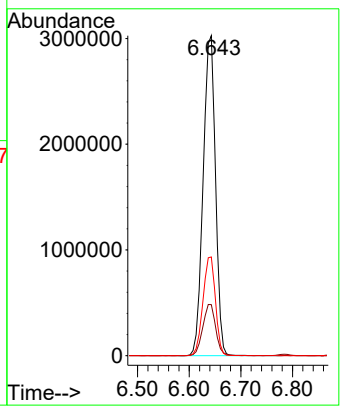


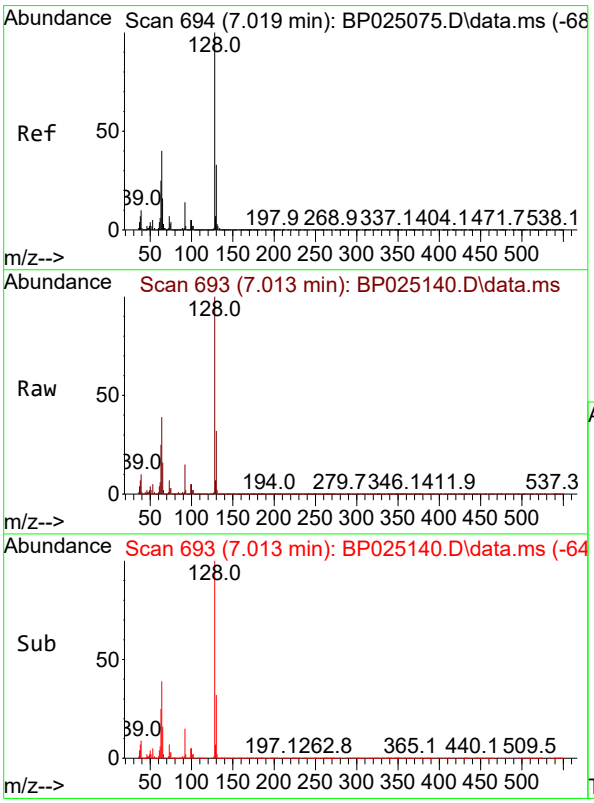
#7
Phenol-d6
Concen: 117.632 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion: 99 Resp: 5015815

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.6	20.4
71	30.9	24.4	36.6

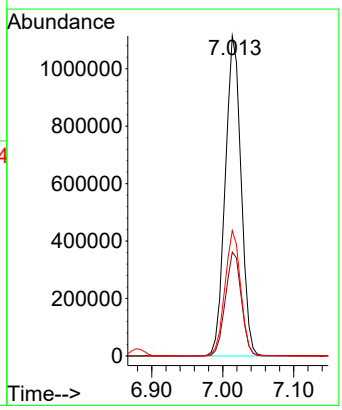


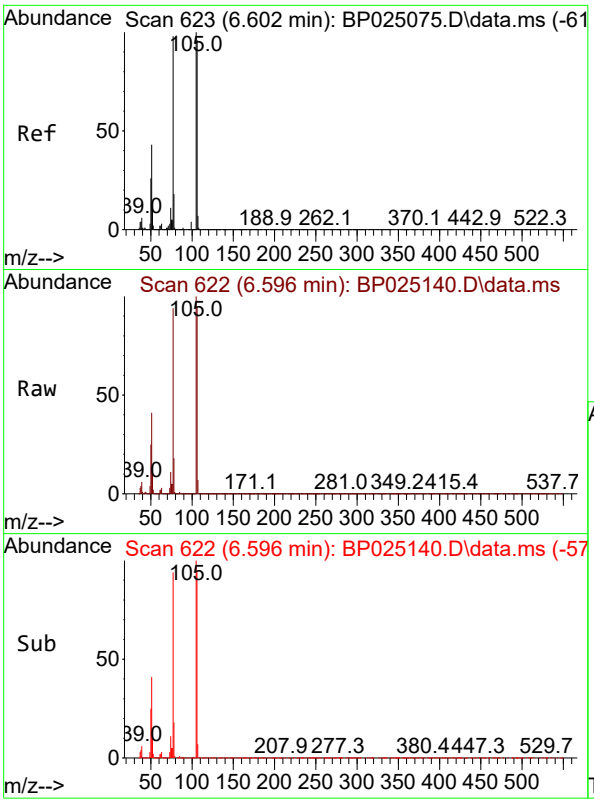


#8
2-Chlorophenol
Concen: 47.182 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:128 Resp: 1724893

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	39.1	20.3	60.3



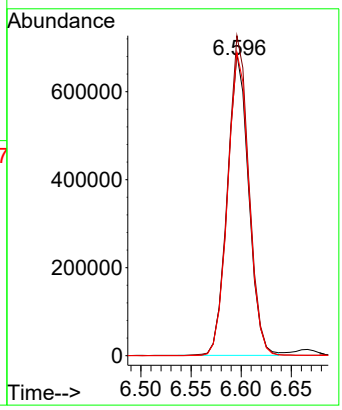


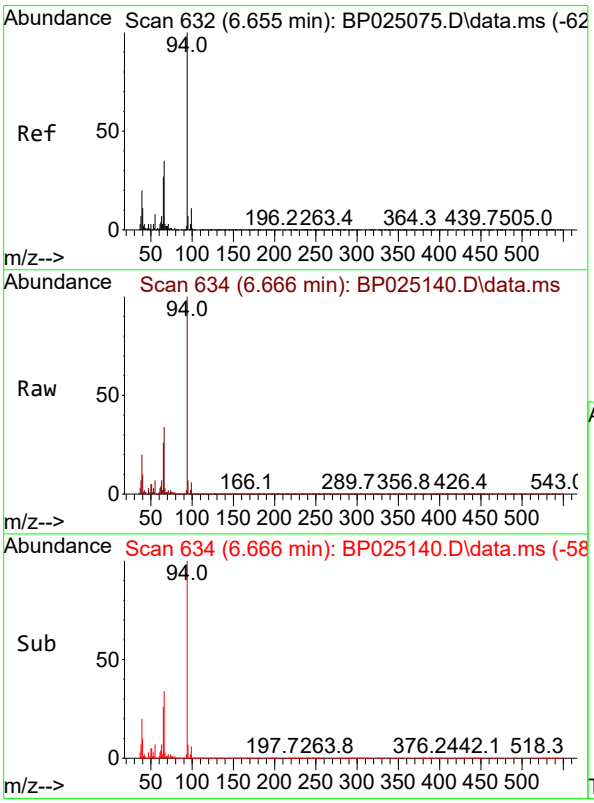
#9
Benzaldehyde
Concen: 45.352 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion: 77 Resp: 1009931

Ion	Ratio	Lower	Upper
77	100		
105	106.0	82.4	122.4
106	100.4	78.3	118.3

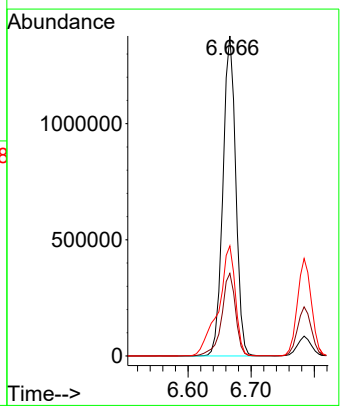


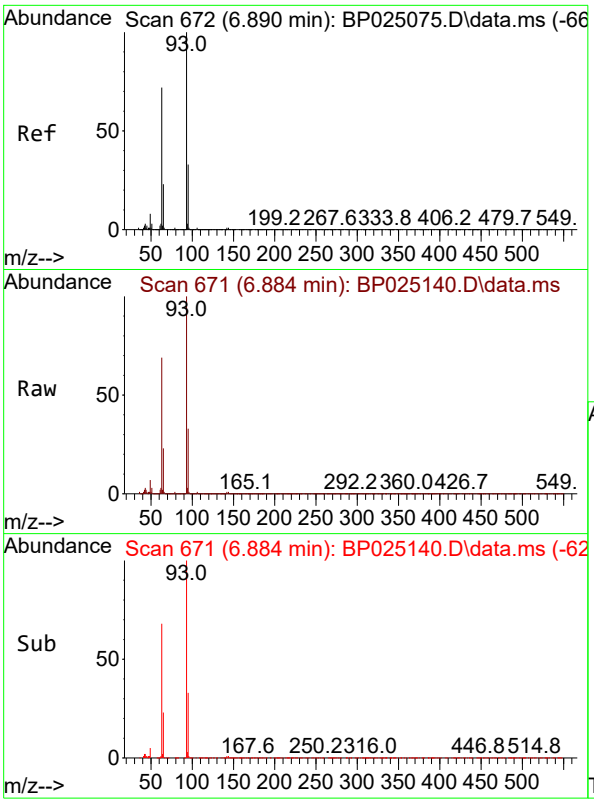


#10
Phenol
Concen: 44.888 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 94 Resp: 1944799

Ion	Ratio	Lower	Upper
94	100		
65	25.8	6.9	46.9
66	34.4	14.6	54.6



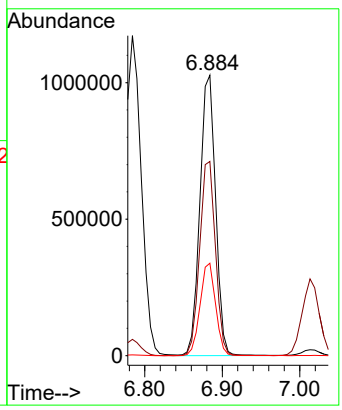


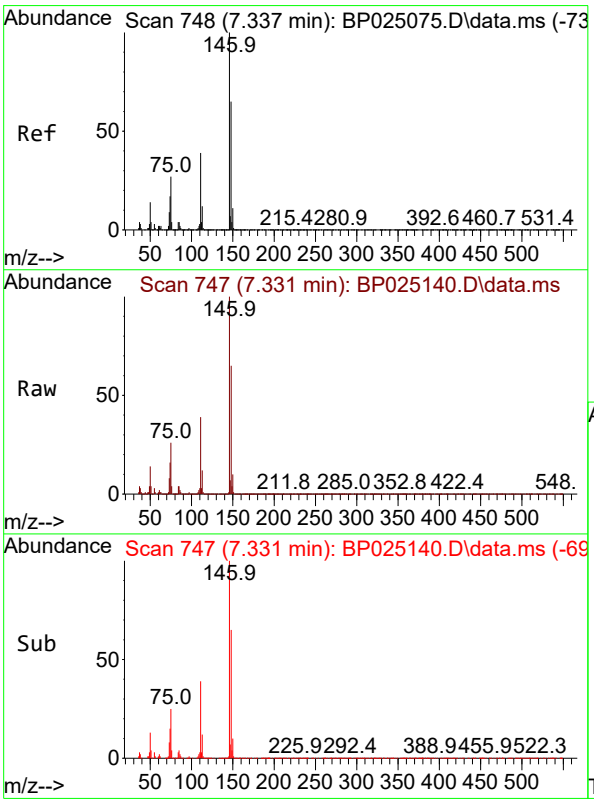
#11
bis(2-Chloroethyl)ether
Concen: 43.298 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion: 93 Resp: 1443733

Ion	Ratio	Lower	Upper
93	100		
63	69.3	51.9	91.9
95	33.0	12.4	52.4

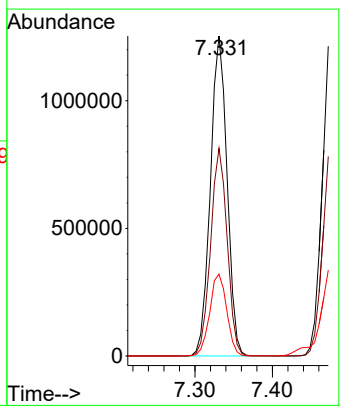


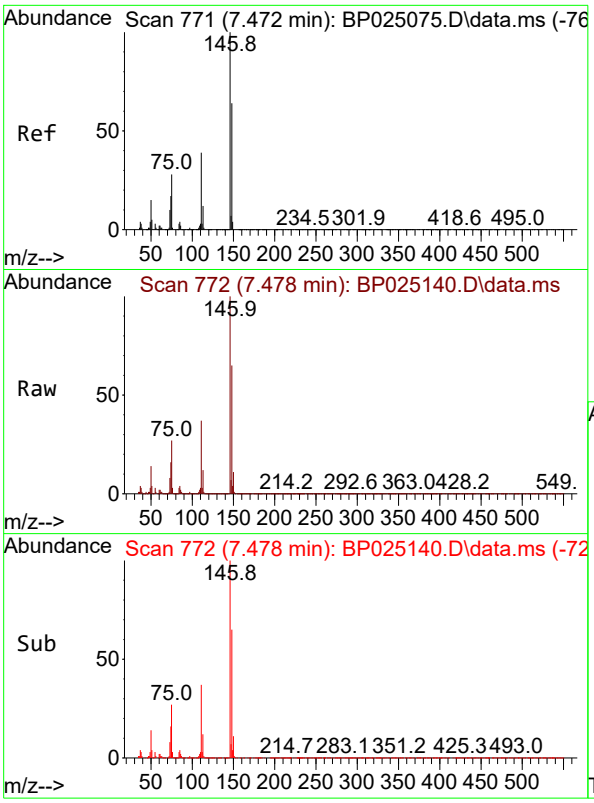


#12
1,3-Dichlorobenzene
Concen: 45.691 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:146 Resp: 1869457

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	25.5	21.8	32.6



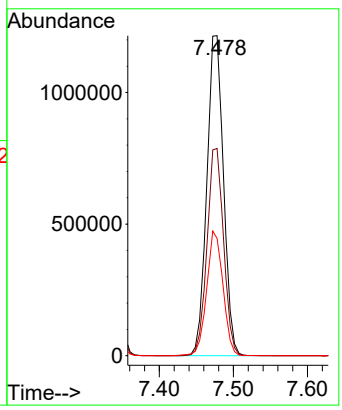


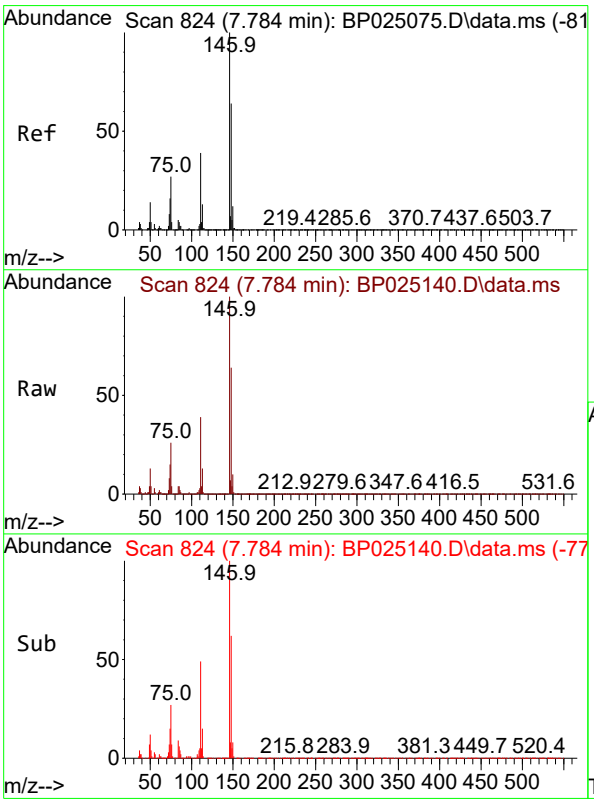
#13
1,4-Dichlorobenzene
Concen: 45.760 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:146 Resp: 1895611

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	36.7	31.2	46.8

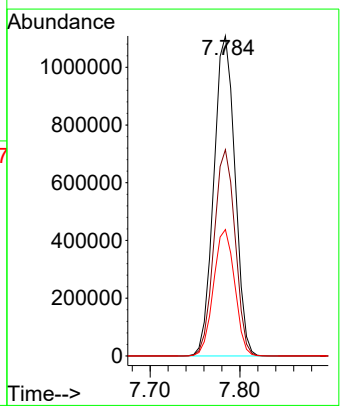


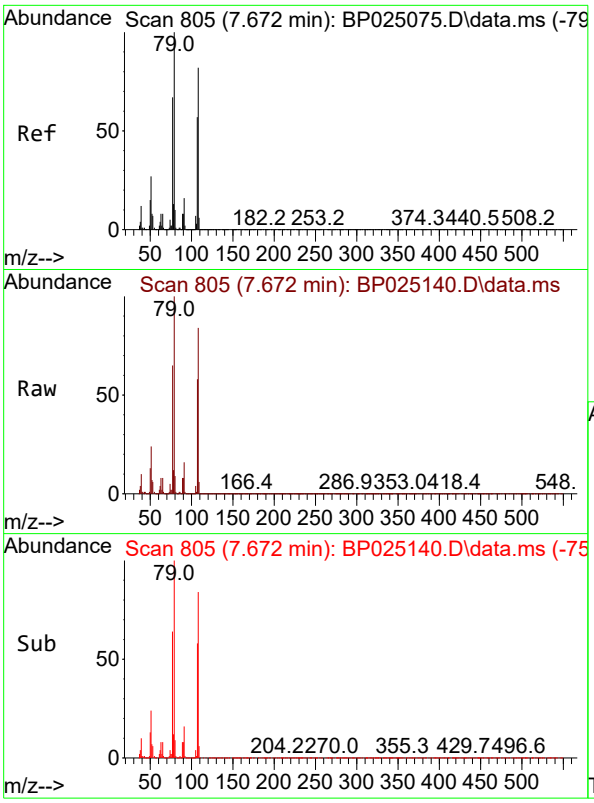


#14
1,2-Dichlorobenzene
Concen: 45.557 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:146 Resp: 1815429

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	39.5	31.2	46.8



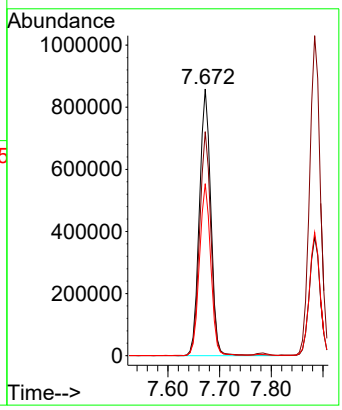


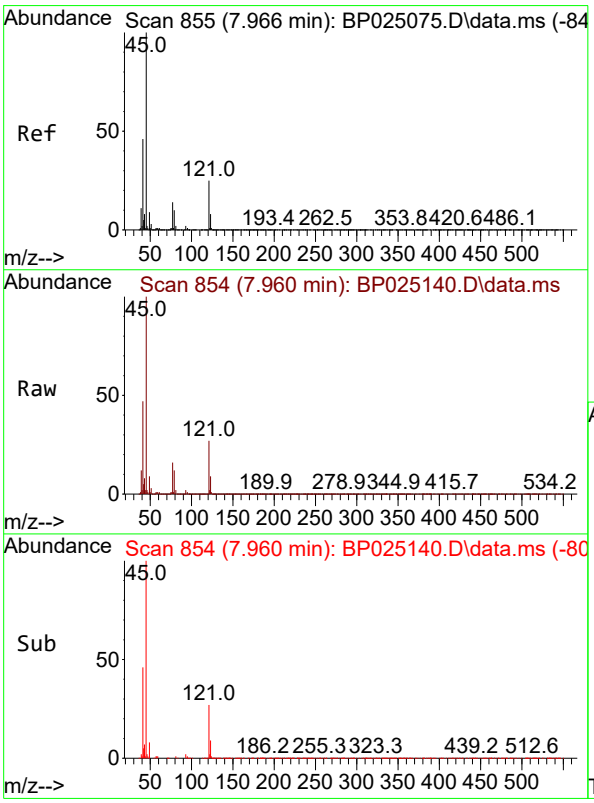
#15
Benzyl Alcohol
Concen: 46.117 ng
RT: 7.672 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion: 79 Resp: 1312465

Ion	Ratio	Lower	Upper
79	100		
108	84.0	66.0	99.0
77	64.5	53.4	80.2

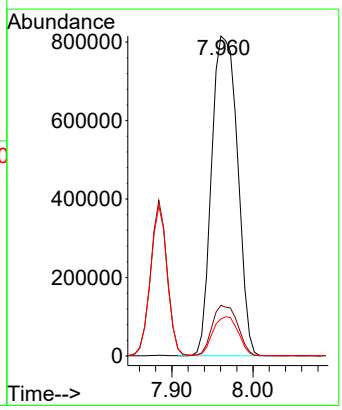


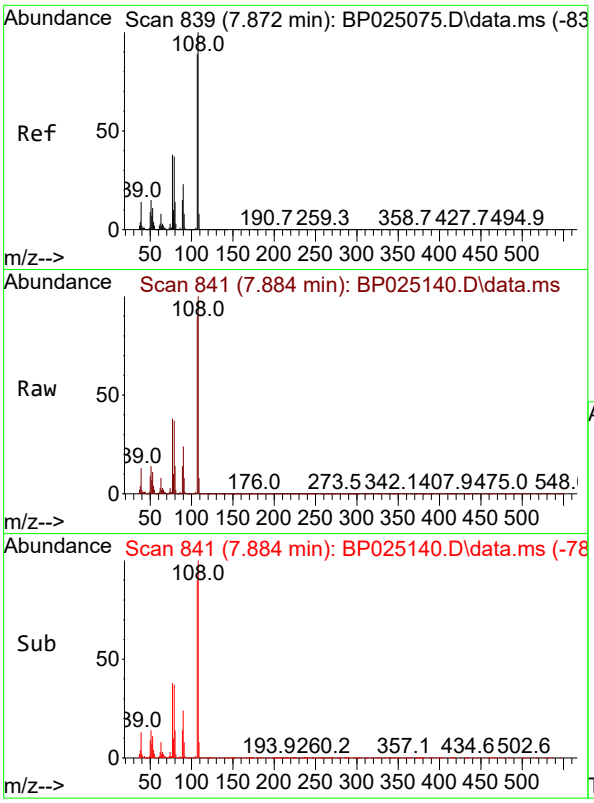


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.665 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 45 Resp: 1806415

Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	34.8
79	11.5	0.0	30.7



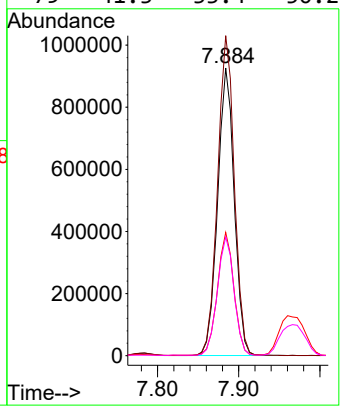


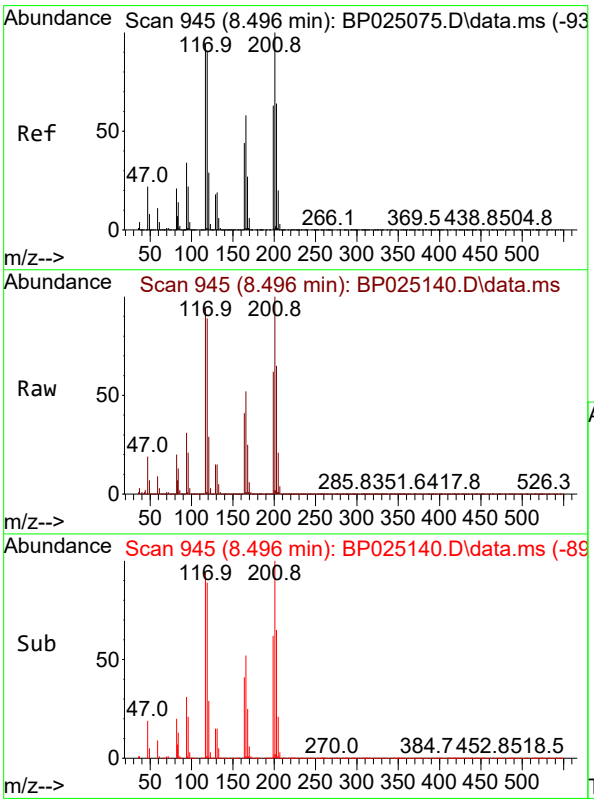
#17
2-Methylphenol
Concen: 47.305 ng
RT: 7.884 min Scan# 84
Delta R.T. 0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:107 Resp: 1320223

Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.7	134.5
77	42.8	34.2	51.4
79	41.3	33.4	50.2

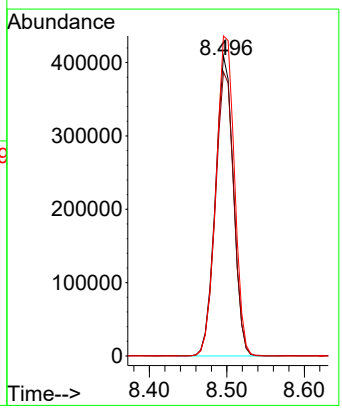


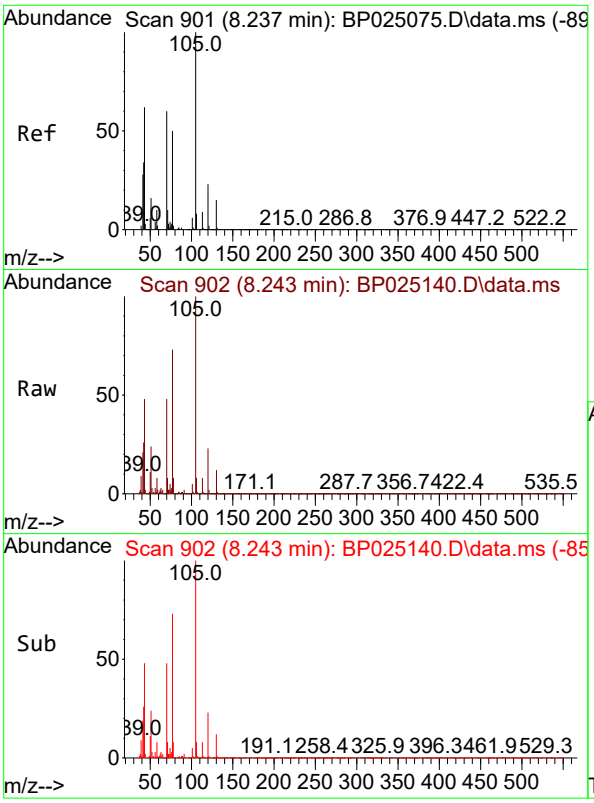


#18
Hexachloroethane
Concen: 48.929 ng
RT: 8.496 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:117 Resp: 660299

Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	115.0
201	106.7	85.4	128.2



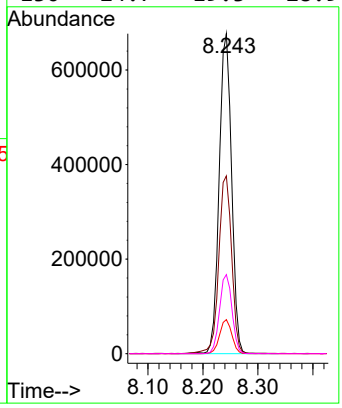


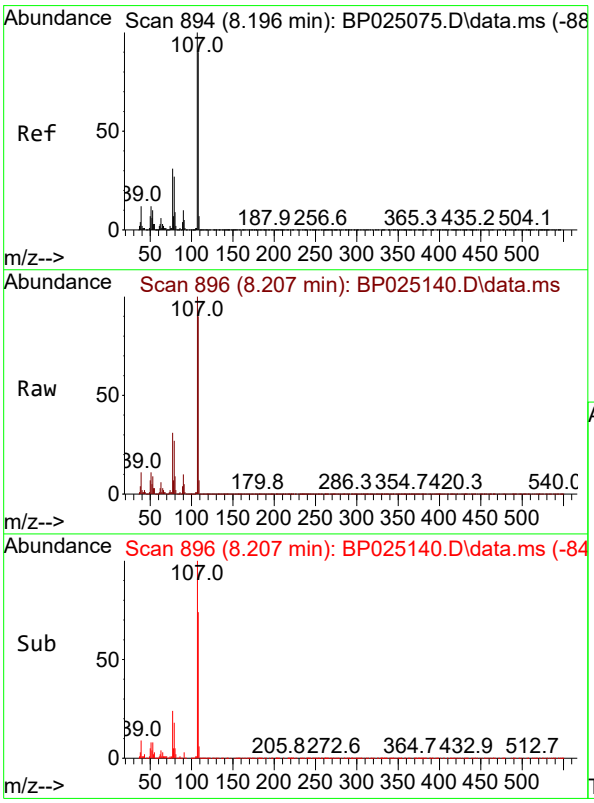
#19
n-Nitroso-di-n-propylamine
Concen: 41.786 ng
RT: 8.243 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion: 70 Resp: 1056663

Ion	Ratio	Lower	Upper
70	100		
42	55.6	46.5	69.7
101	10.6	7.9	11.9
130	24.7	19.3	28.9

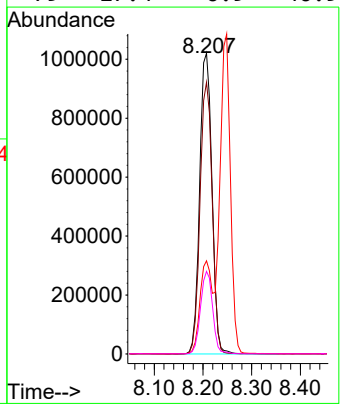


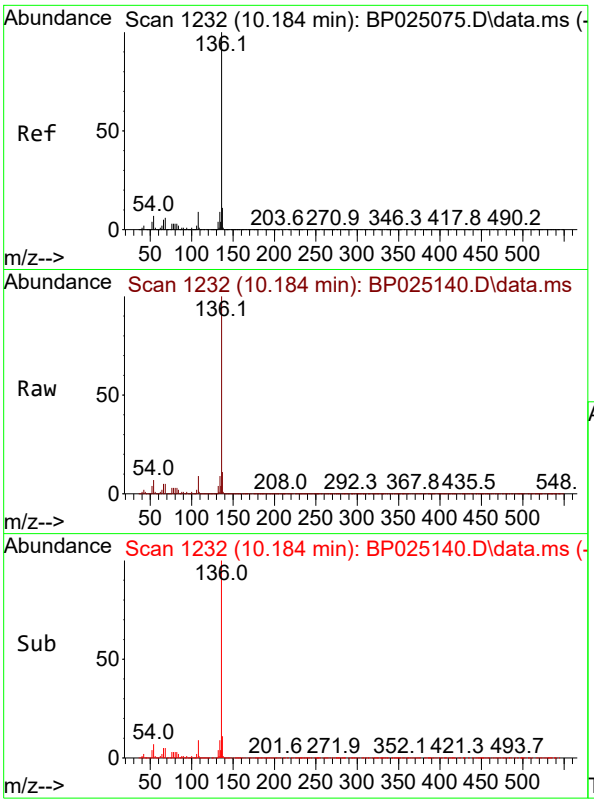


#20
3+4-Methylphenols
Concen: 45.714 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:107 Resp: 1787025

Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.5	109.5
77	30.9	11.4	51.4
79	27.4	6.9	46.9



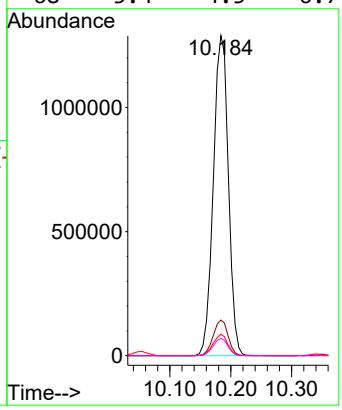


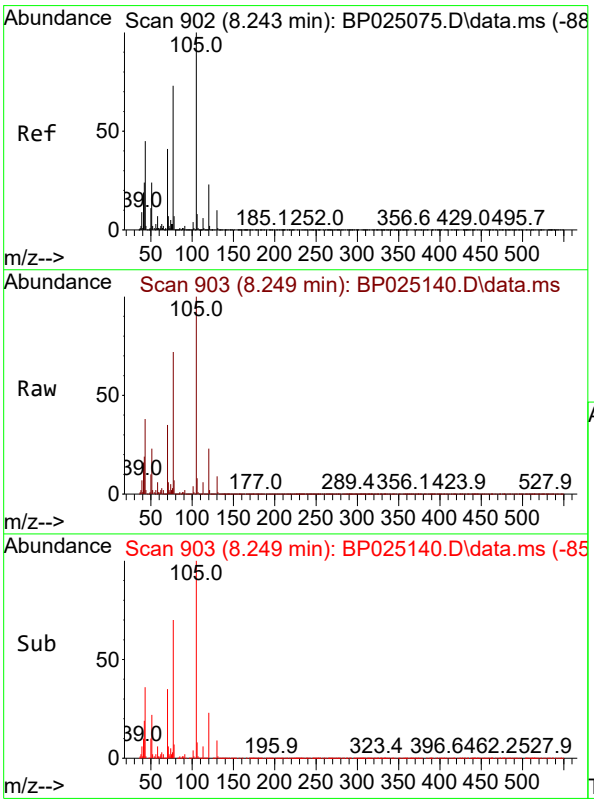
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:136 Resp: 2205741

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.7	5.4	8.2
68	5.4	4.5	6.7

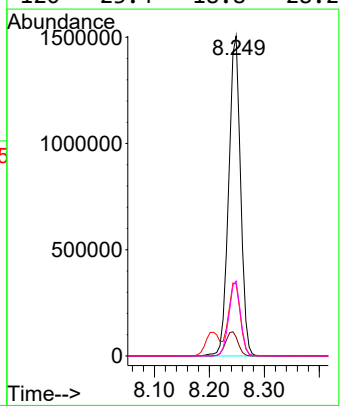


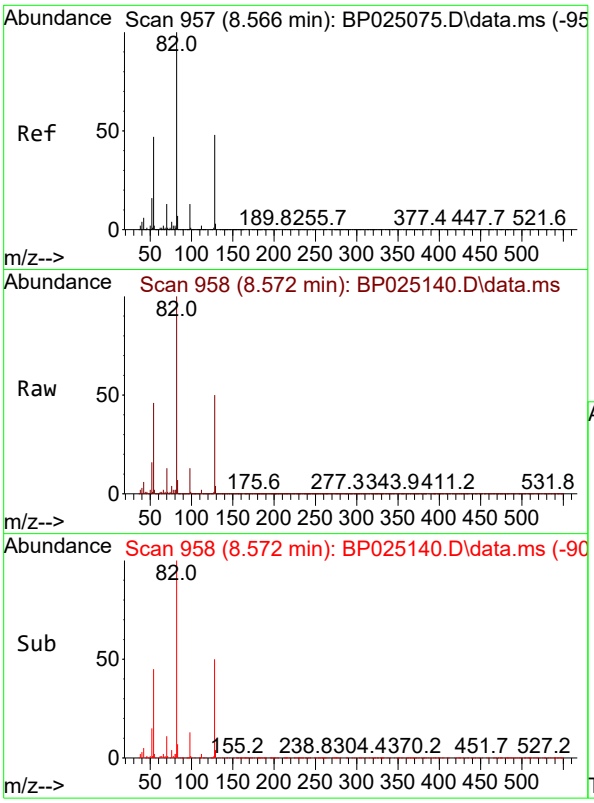


#22
Acetophenone
Concen: 43.380 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:105 Resp: 2262936

Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.4	8.2
51	22.6	19.6	29.4
120	23.4	18.8	28.2



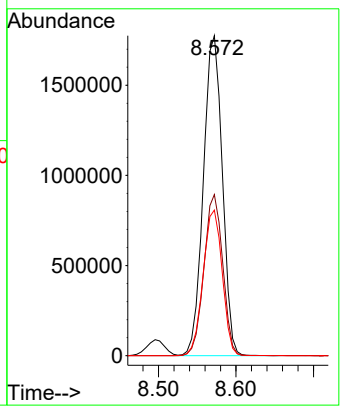


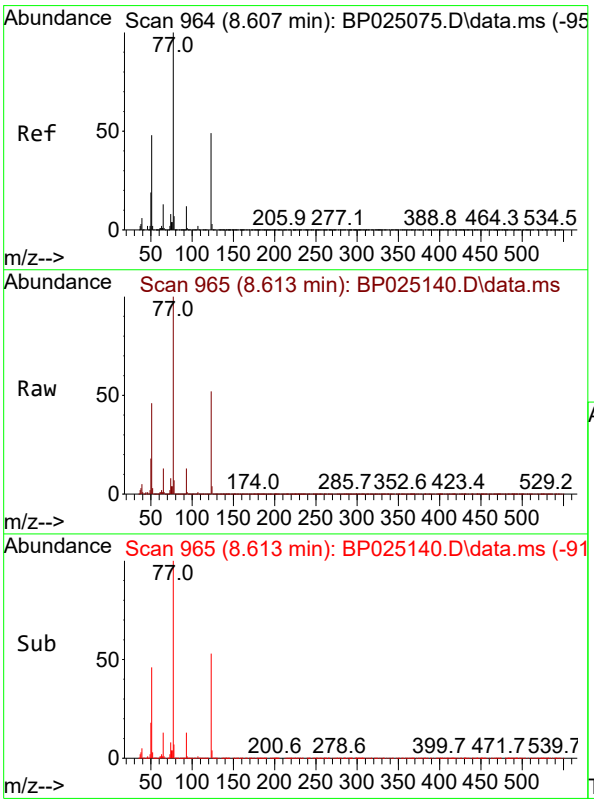
#23
Nitrobenzene-d5
Concen: 90.884 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion: 82 Resp: 3014318

Ion	Ratio	Lower	Upper
82	100		
128	50.3	38.4	57.6
54	45.5	37.8	56.6

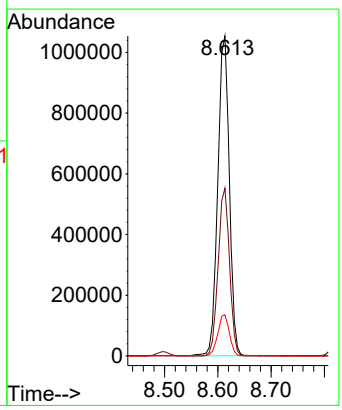


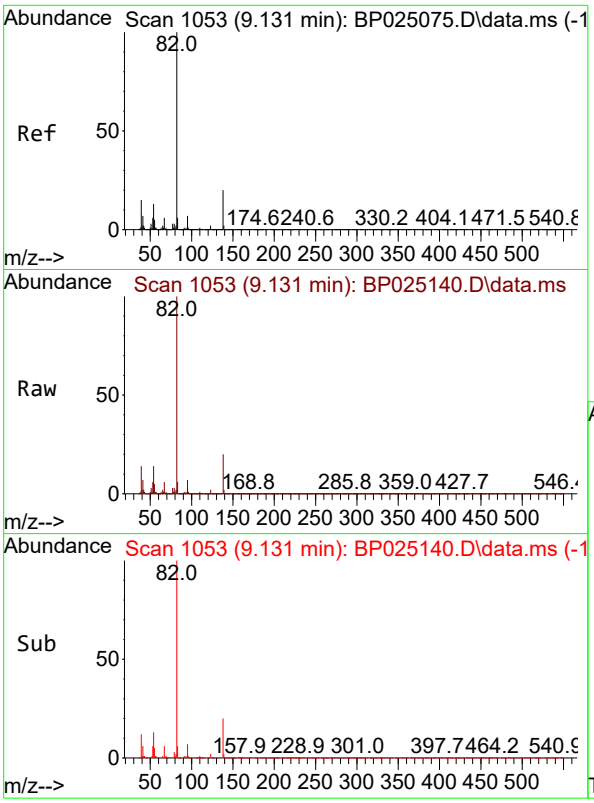


#24
Nitrobenzene
Concen: 46.758 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 77 Resp: 1579610

Ion	Ratio	Lower	Upper
77	100		
123	52.5	39.0	58.6
65	12.8	10.7	16.1



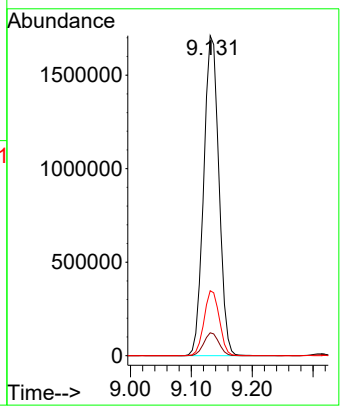


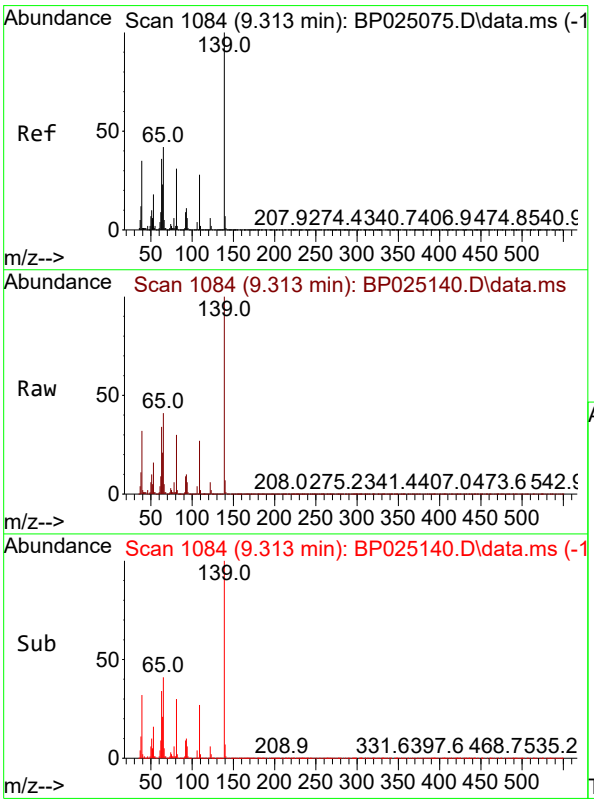
#25
Isophorone
Concen: 47.873 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion: 82 Resp: 2967267

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	20.3	15.7	23.5

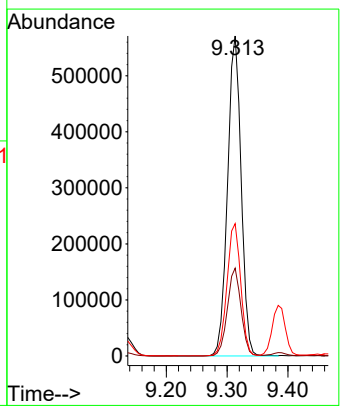


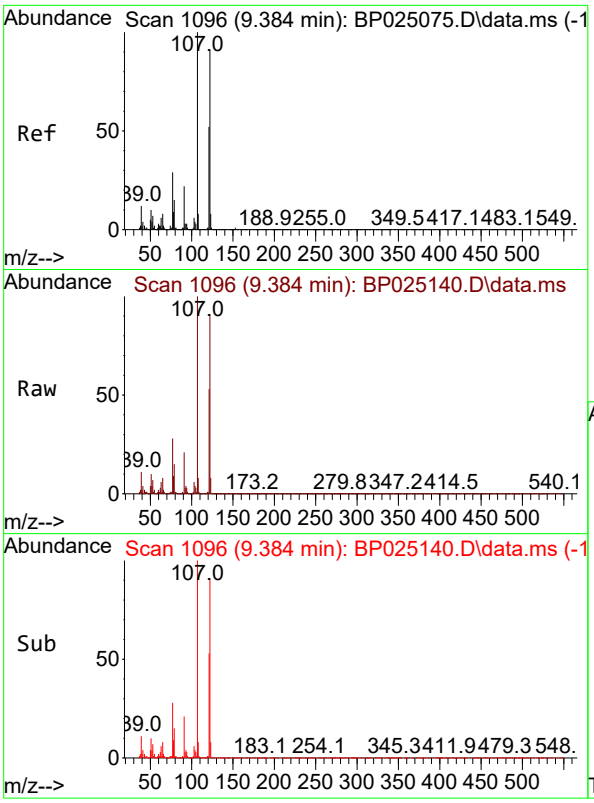


#26
2-Nitrophenol
Concen: 53.633 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:139 Resp: 886062

Ion	Ratio	Lower	Upper
139	100		
109	27.5	22.3	33.5
65	41.3	33.8	50.8



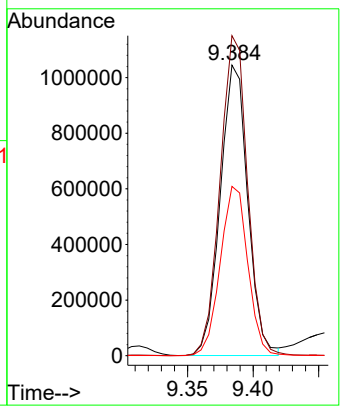


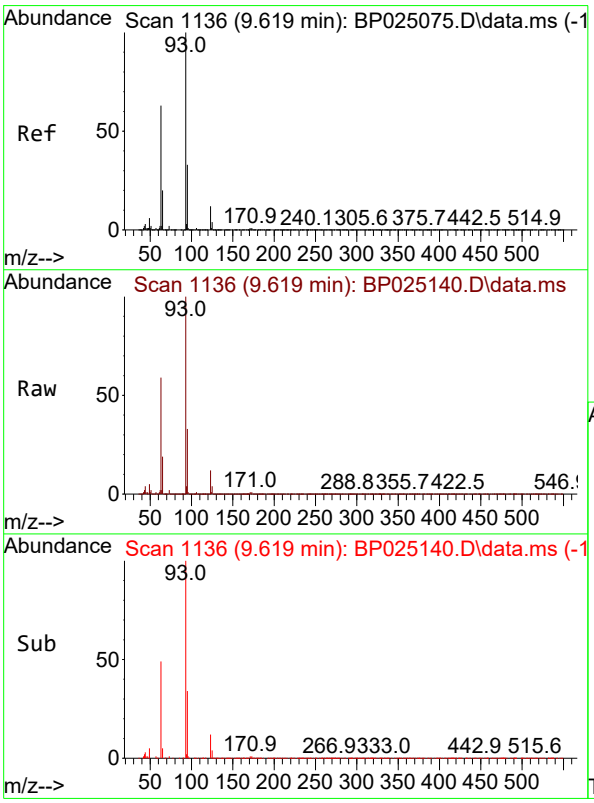
#27
2,4-Dimethylphenol
Concen: 65.925 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:122 Resp: 1524268

Ion	Ratio	Lower	Upper
122	100		
107	110.1	88.2	132.2
121	58.2	46.1	69.1

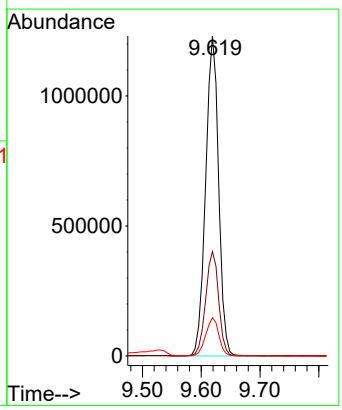


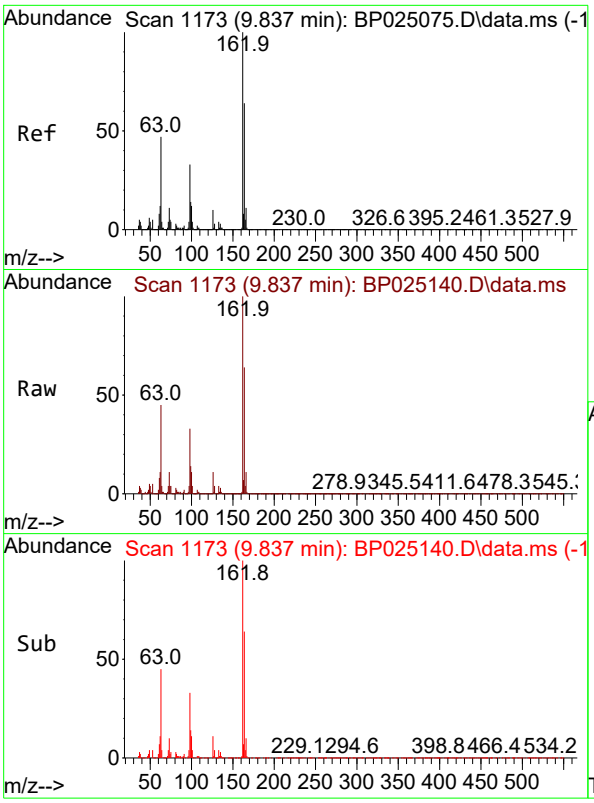


#28
bis(2-Chloroethoxy)methane
Concen: 44.698 ng
RT: 9.619 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 93 Resp: 1881129

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.0	10.1	15.1



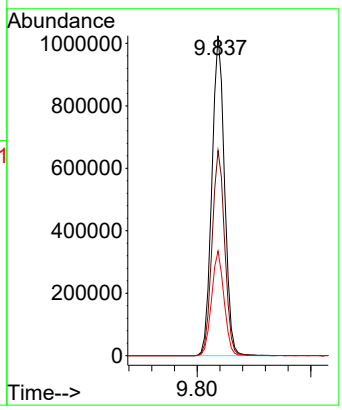


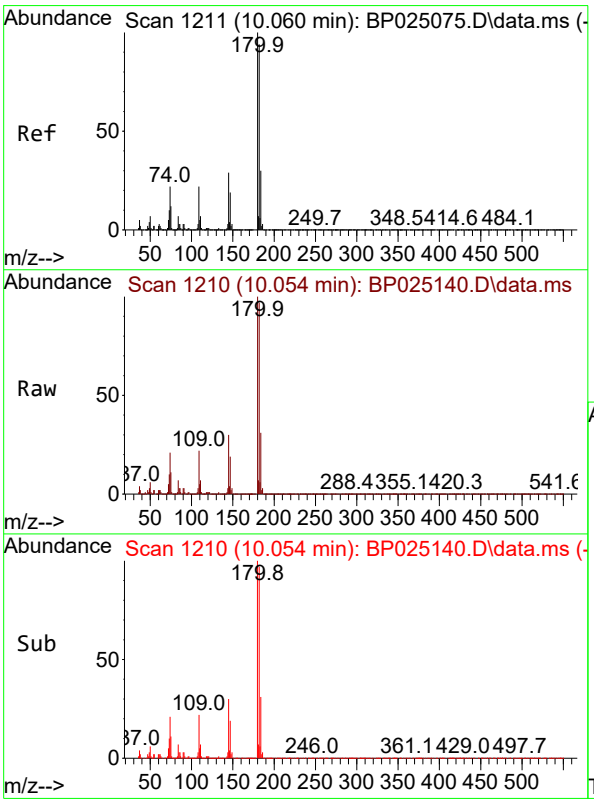
#29
2,4-Dichlorophenol
Concen: 49.020 ng
RT: 9.837 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:162 Resp: 1571601

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.1	84.1
98	32.7	13.1	53.1

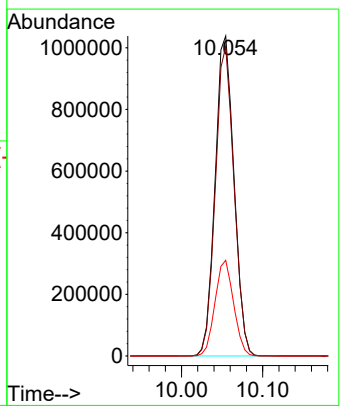


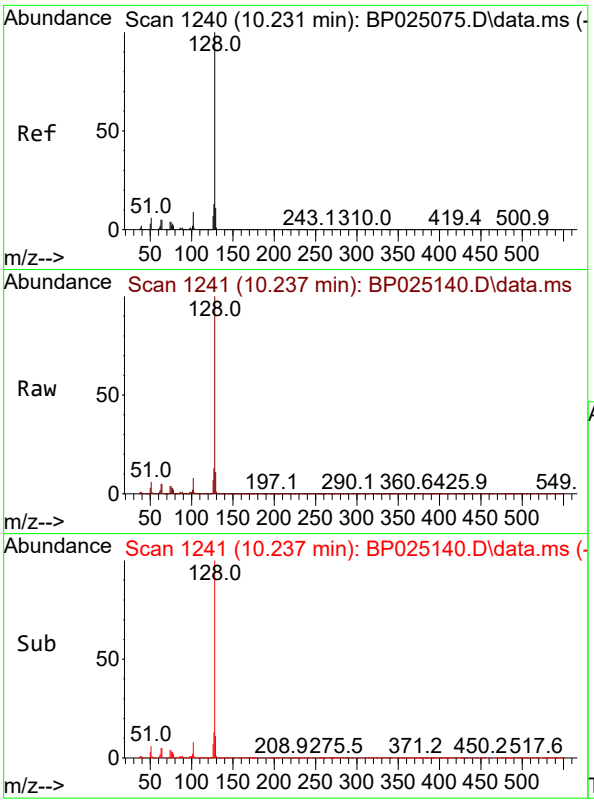


#30
1,2,4-Trichlorobenzene
Concen: 47.277 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:180 Resp: 1678478

Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.1	112.7
145	29.9	23.3	34.9



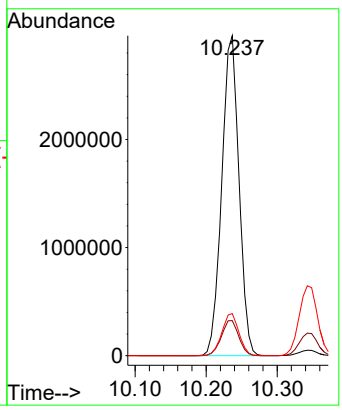


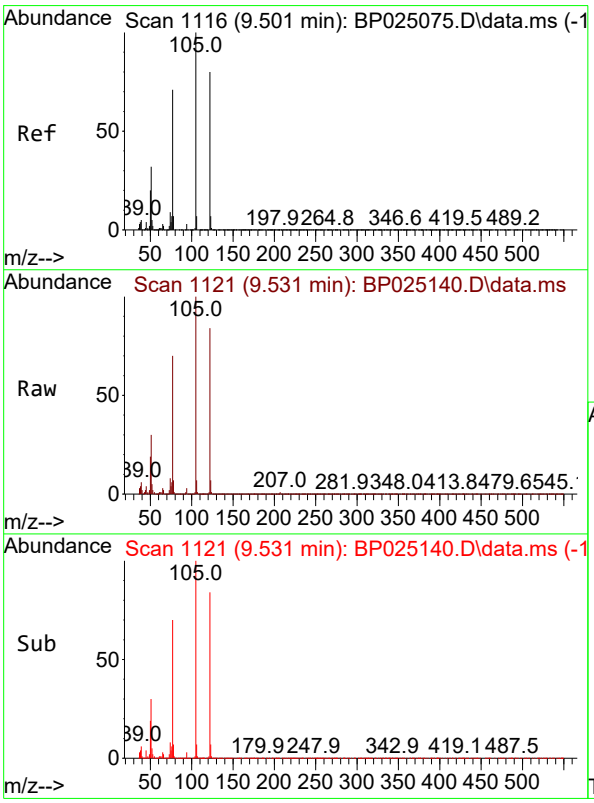
#31
Naphthalene
Concen: 43.732 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:128 Resp: 4967059

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.2	10.4	15.6

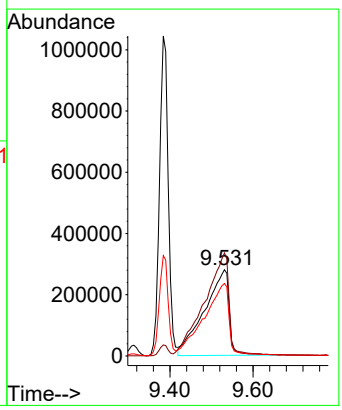


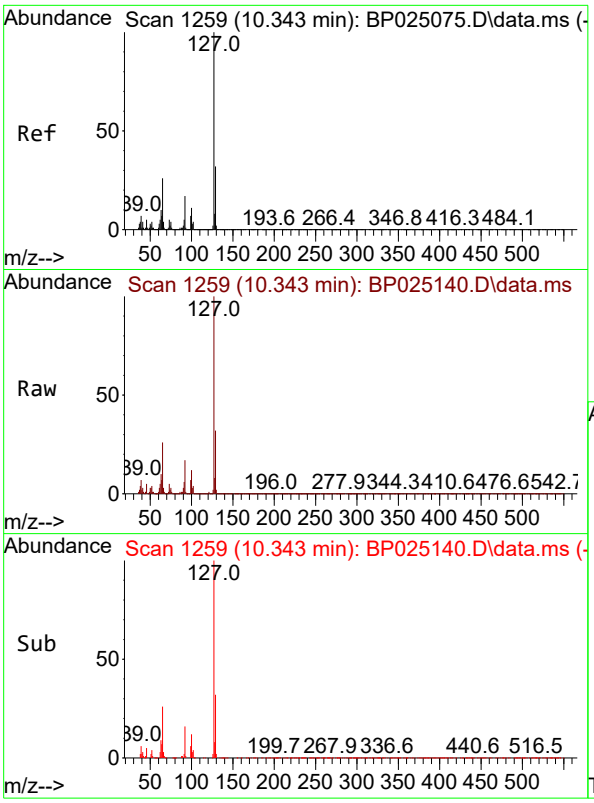


#32
Benzoic acid
Concen: 49.712 ng
RT: 9.531 min Scan# 1121
Delta R.T. 0.030 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:122 Resp: 1154131

Ion	Ratio	Lower	Upper
122	100		
105	119.5	101.0	141.0
77	84.1	67.6	107.6



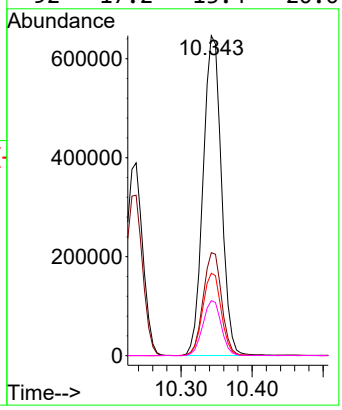


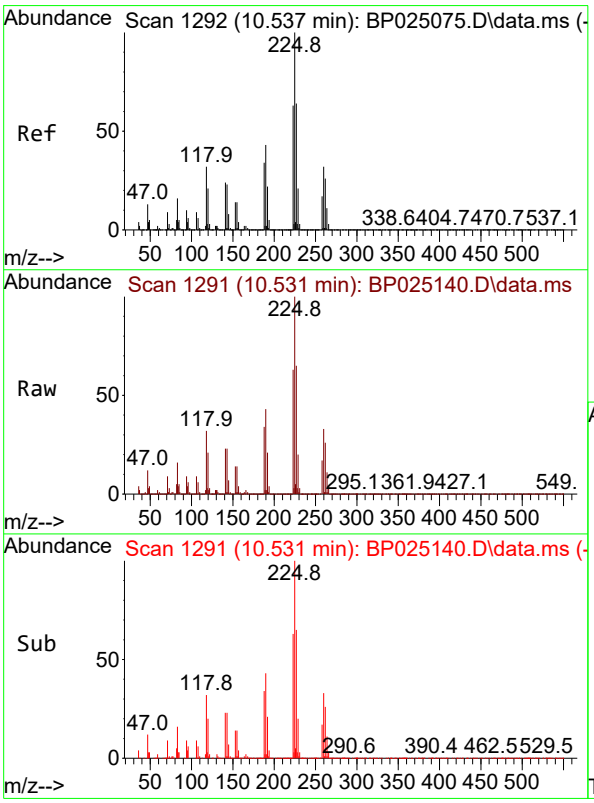
#33
4-Chloroaniline
Concen: 27.356 ng
RT: 10.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:127 Resp: 1159532

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	25.8	21.0	31.6
92	17.2	13.4	20.0

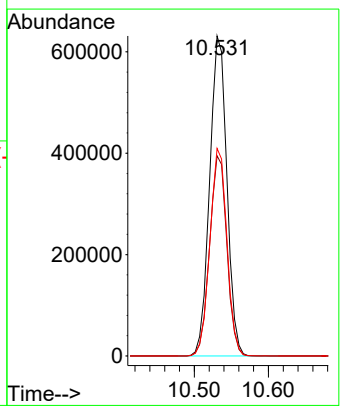


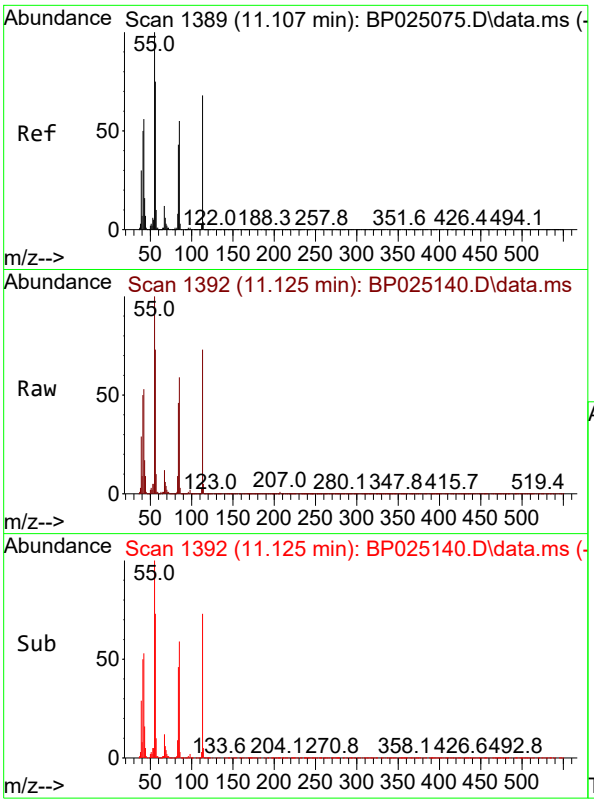


#34
Hexachlorobutadiene
Concen: 49.859 ng
RT: 10.531 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:225 Resp: 1015833

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.3	75.5
227	64.9	51.3	76.9



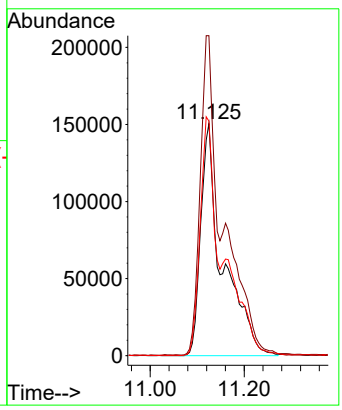


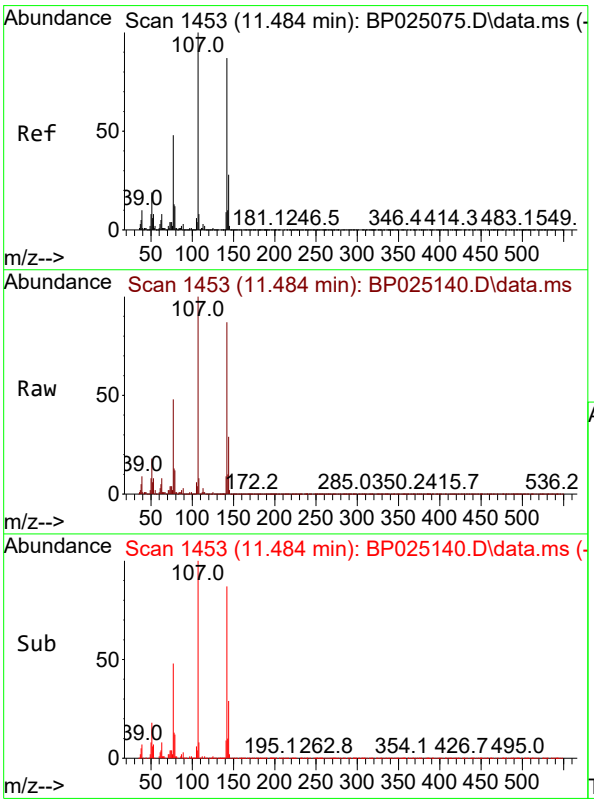
#35
Caprolactam
Concen: 44.238 ng m
RT: 11.125 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:113 Resp: 485189

Ion	Ratio	Lower	Upper
113	100		
55	137.9	128.1	168.1
56	101.1	90.7	130.7

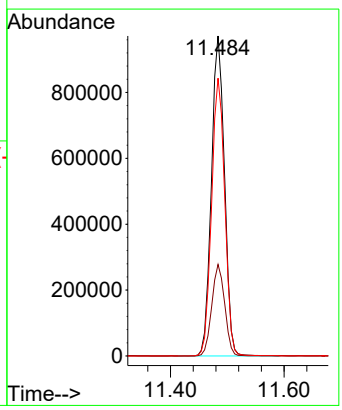


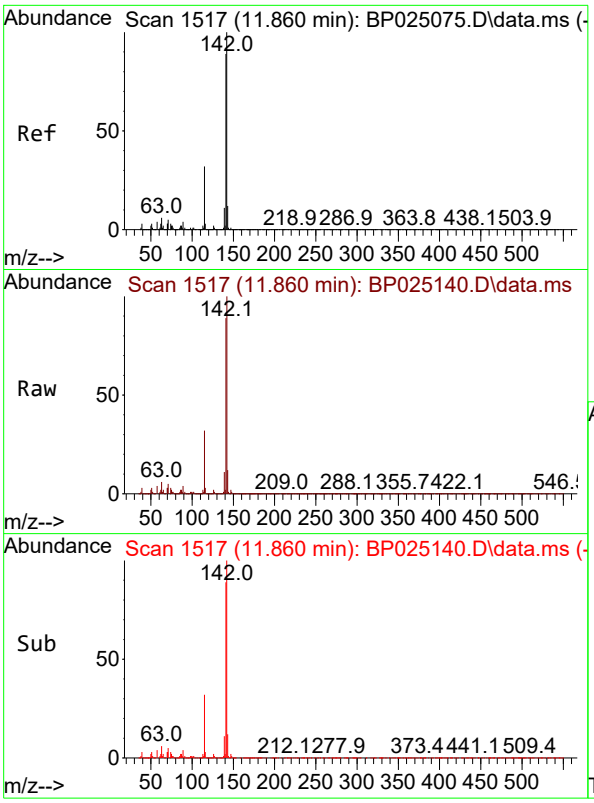


#36
4-Chloro-3-methylphenol
Concen: 46.107 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:107 Resp: 1544733

Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.4	33.6
142	86.8	69.6	104.4



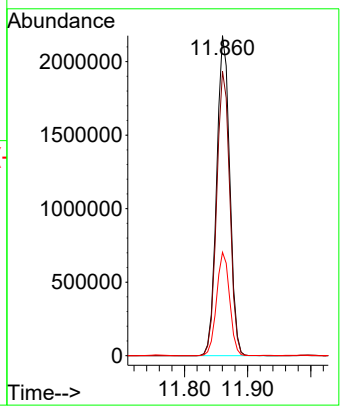


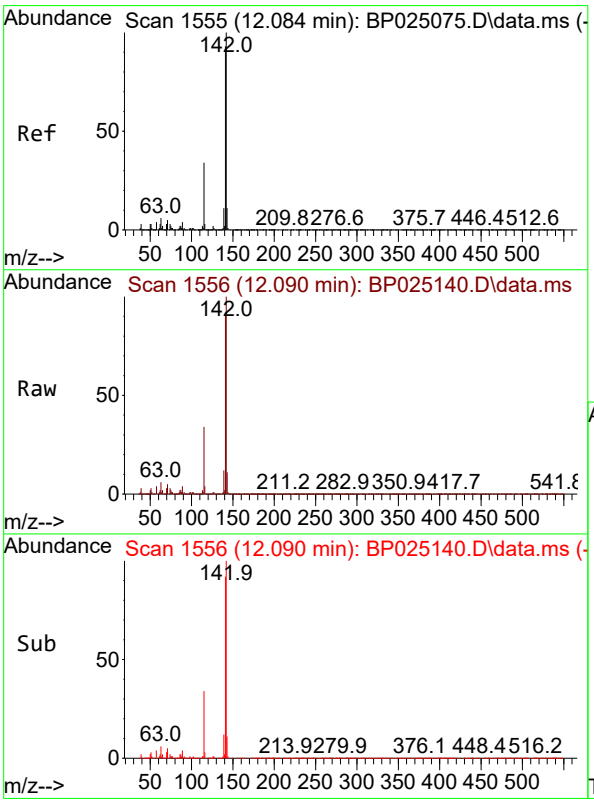
#37
2-Methylnaphthalene
Concen: 39.099 ng
RT: 11.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:142 Resp: 3133351

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.2	106.8
115	32.3	25.9	38.9

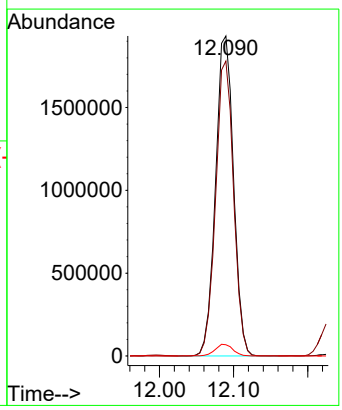


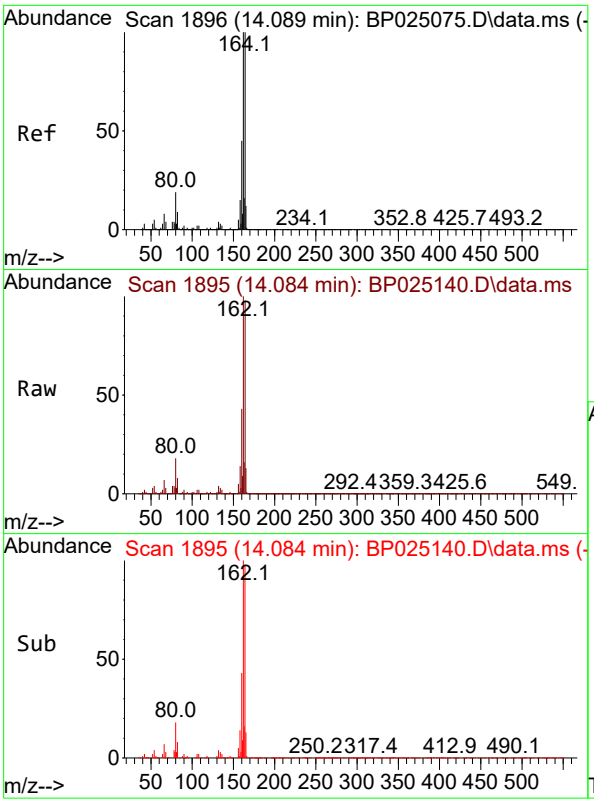


#38
1-Methylnaphthalene
Concen: 41.677 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:142 Resp: 3257312

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.1	111.1
116	3.5	2.7	4.1



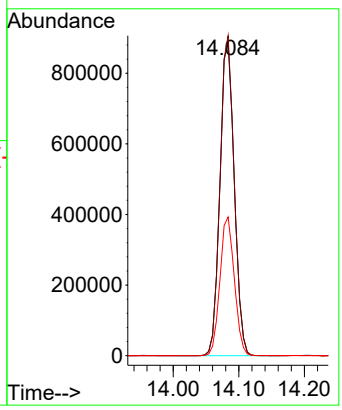


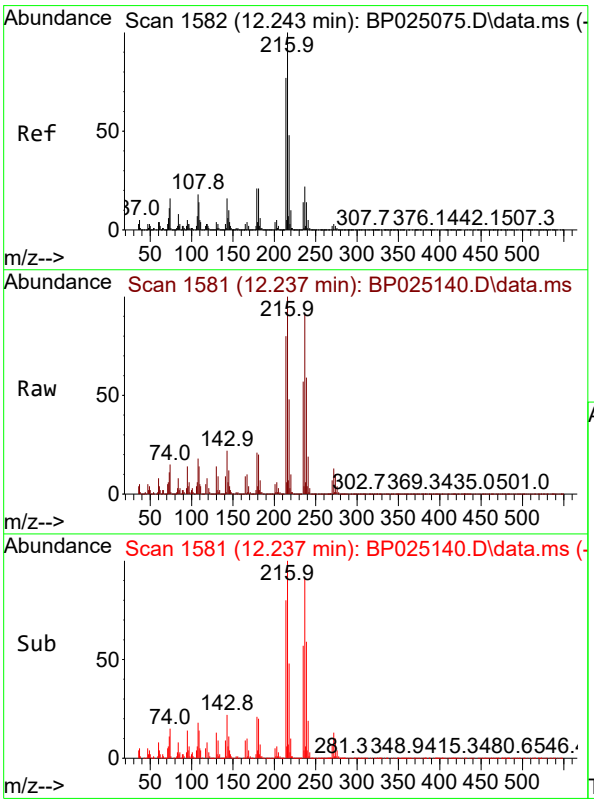
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:164 Resp: 1344565

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.3	120.5
160	44.3	35.9	53.9

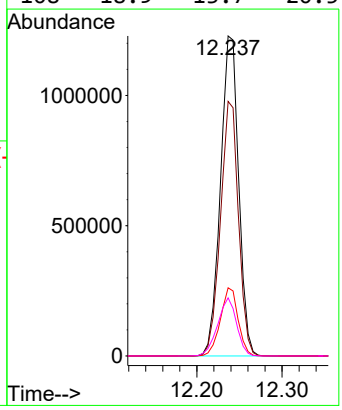


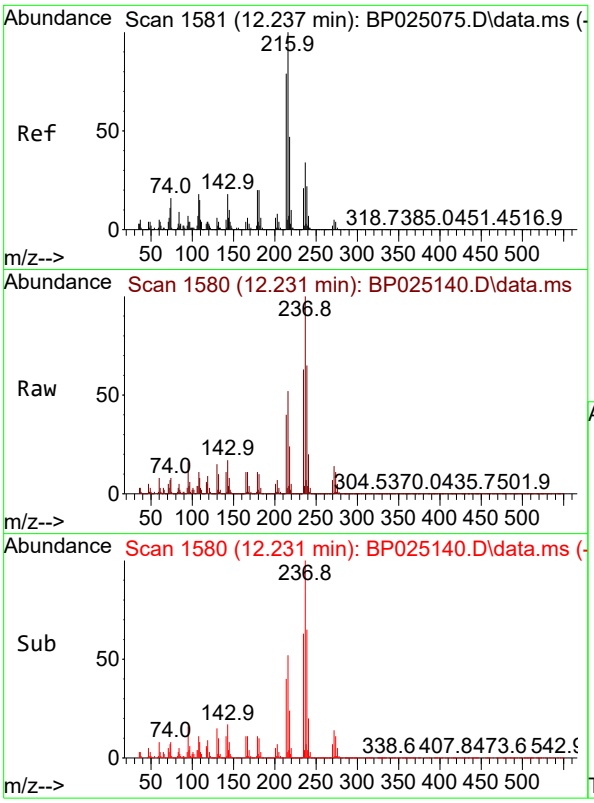


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.120 ng
RT: 12.237 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:216 Resp: 1820826

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.4	93.6
179	20.7	16.5	24.7
108	18.9	13.7	20.5



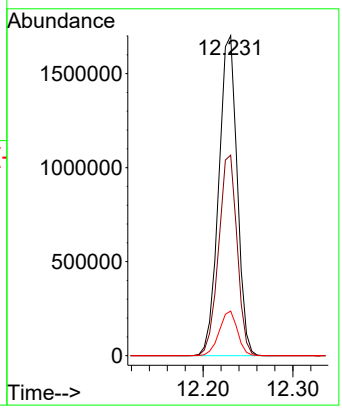


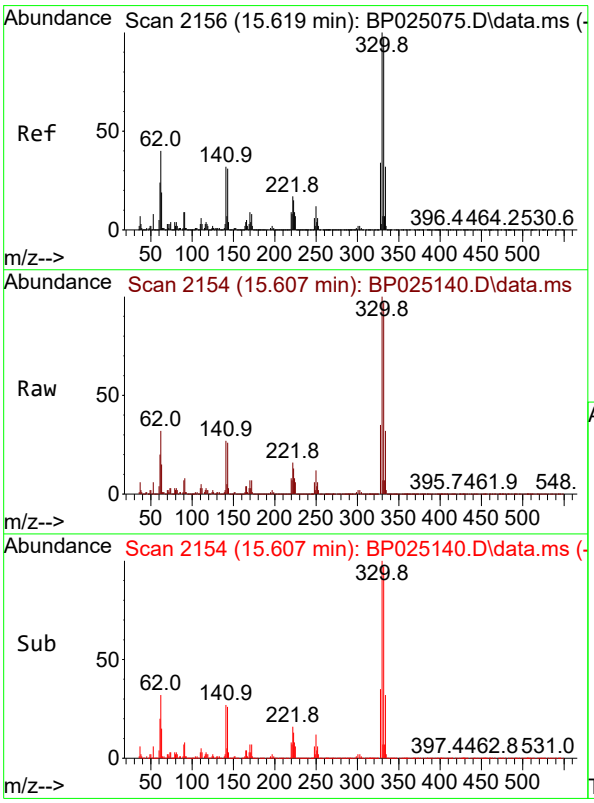
#41
Hexachlorocyclopentadiene
Concen: 240.105 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:237 Resp: 2423523

Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.6	81.6
272	13.9	0.0	33.6

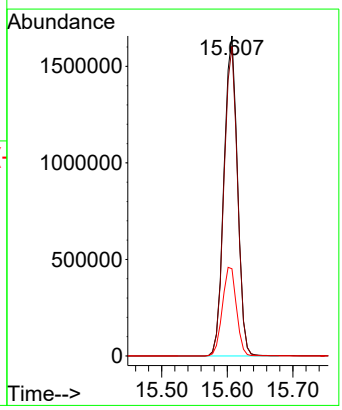


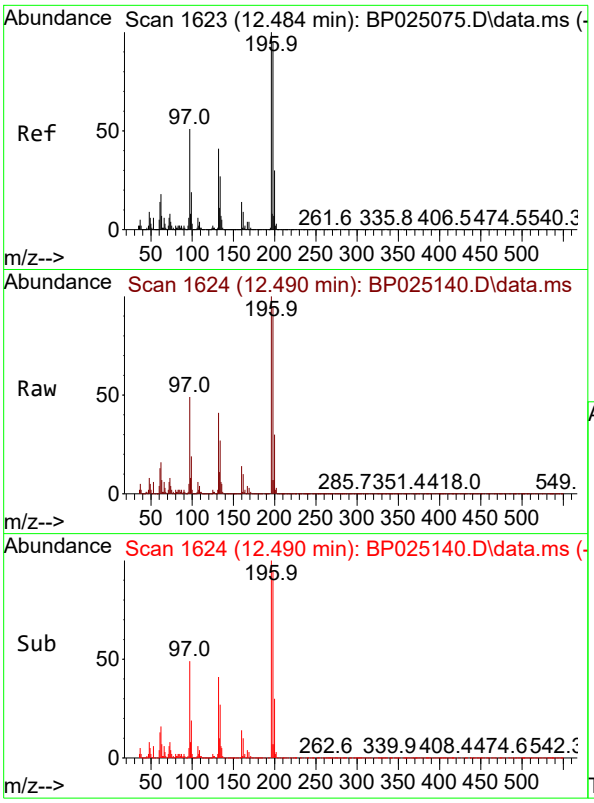


#42
2,4,6-Tribromophenol
Concen: 148.602 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:330 Resp: 2360358

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	28.9	26.0	39.0



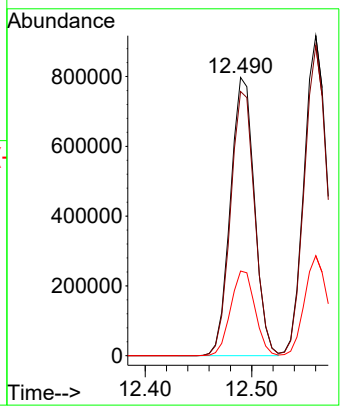


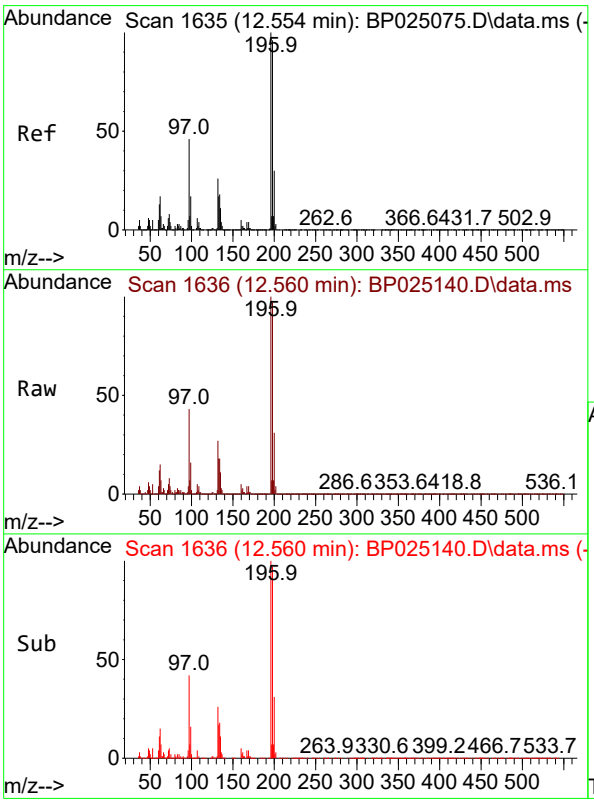
#43
2,4,6-Trichlorophenol
Concen: 53.541 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:196 Resp: 1252788

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.2	114.2
200	30.5	24.3	36.5

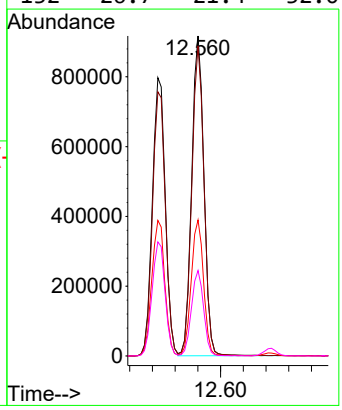


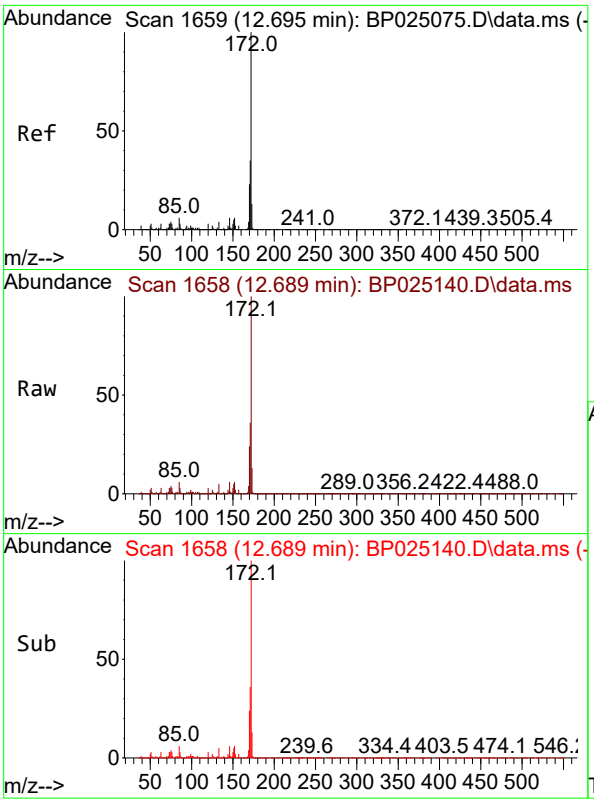


#44
2,4,5-Trichlorophenol
Concen: 52.018 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:196 Resp: 1379402

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	115.0
97	42.5	36.6	55.0
132	26.7	21.4	32.0



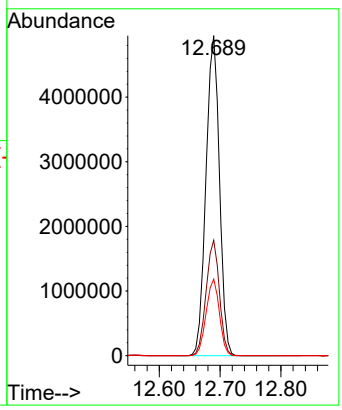


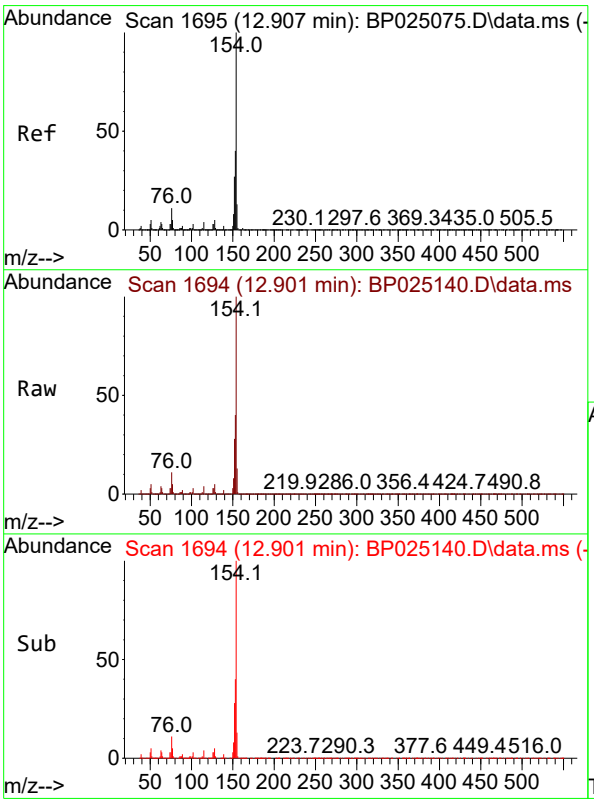
#45
2-Fluorobiphenyl
Concen: 87.480 ng
RT: 12.689 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:172 Resp: 7592628

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	23.9	18.7	28.1

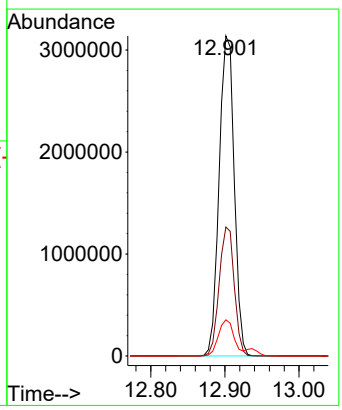


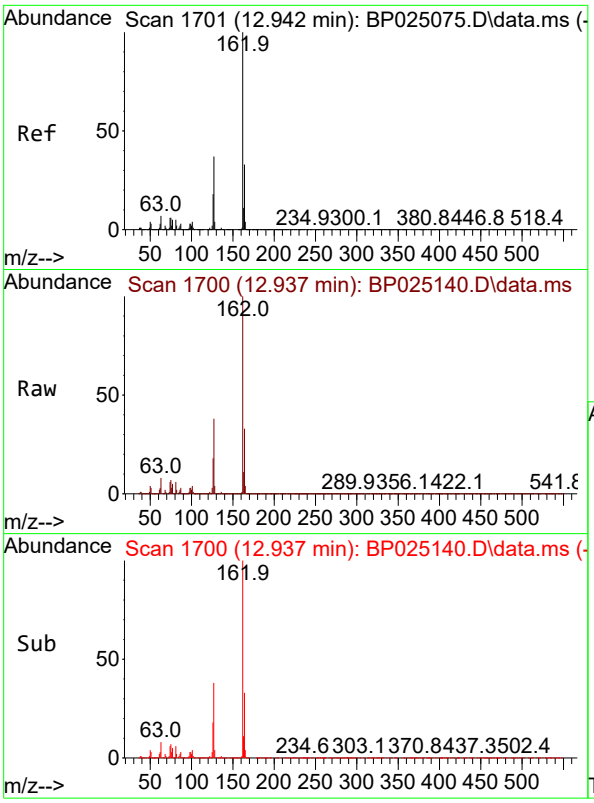


#46
1,1'-Biphenyl
Concen: 45.312 ng
RT: 12.901 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:154 Resp: 4432784

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.2	60.2
76	11.3	0.0	31.5



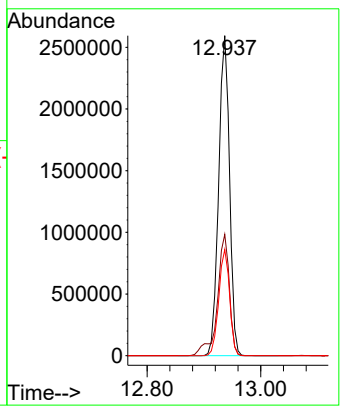


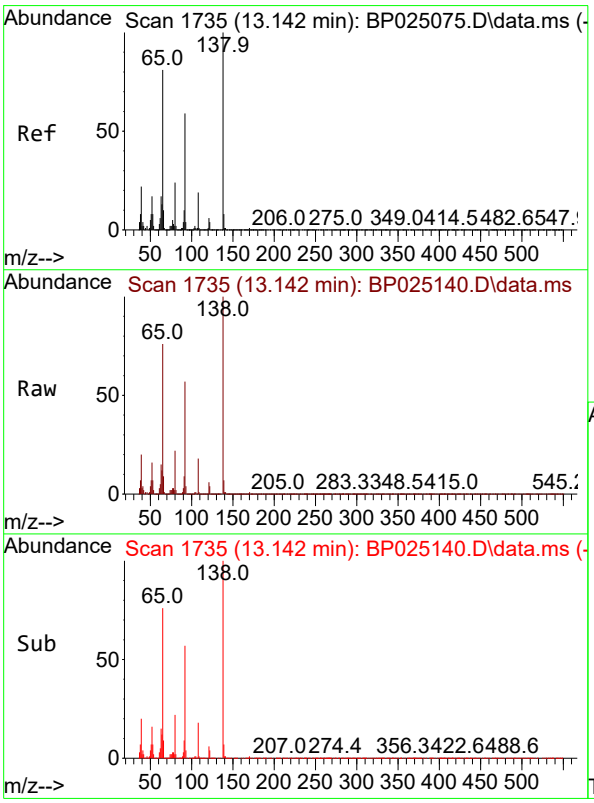
#47
2-Chloronaphthalene
Concen: 46.874 ng
RT: 12.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:162 Resp: 3446635

Ion	Ratio	Lower	Upper
162	100		
127	37.9	29.4	44.2
164	33.2	26.4	39.6

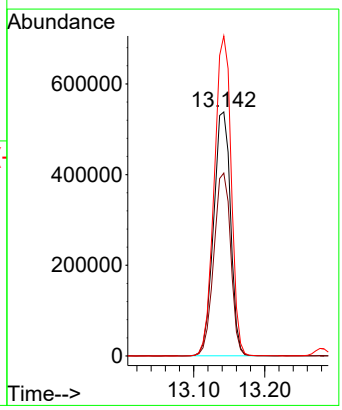


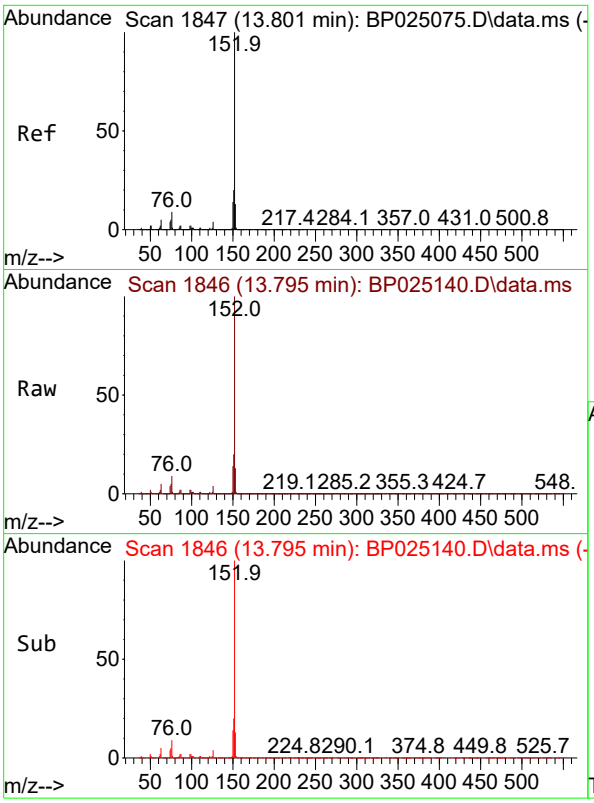


#48
2-Nitroaniline
Concen: 49.290 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion: 65 Resp: 889225

Ion	Ratio	Lower	Upper
65	100		
92	74.9	58.7	88.1
138	131.1	99.0	148.4



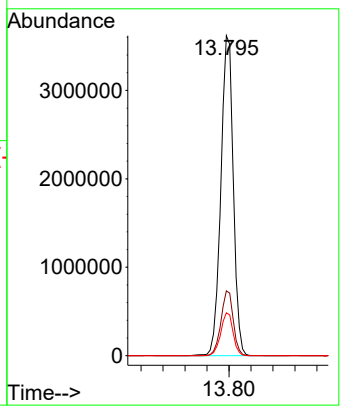


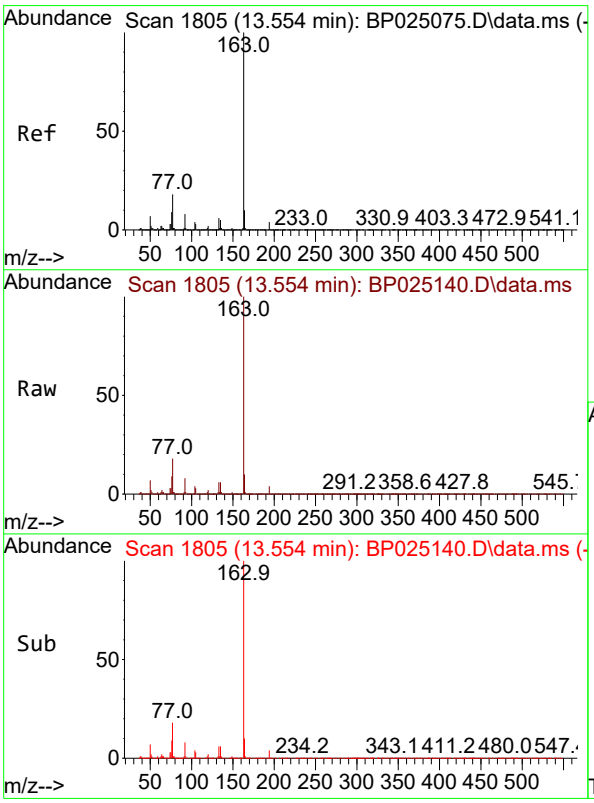
#49
Acenaphthylene
Concen: 50.445 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:152 Resp: 5677000

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	13.4	10.7	16.1

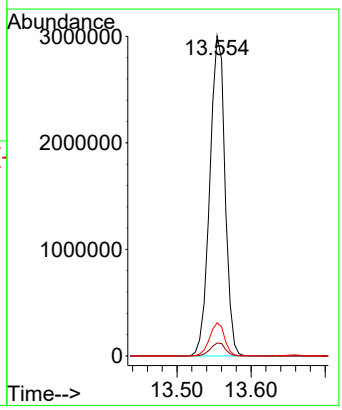


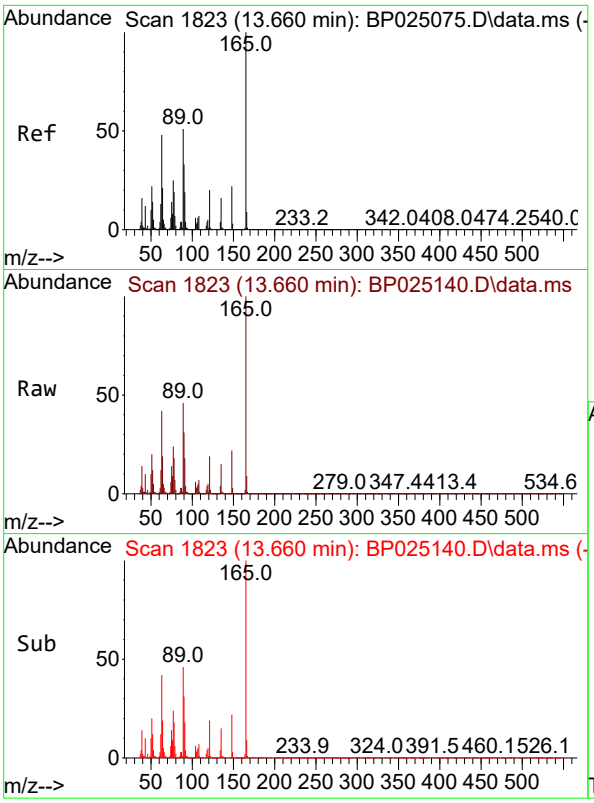


#50
Dimethylphthalate
Concen: 45.412 ng
RT: 13.554 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:163 Resp: 4274143

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.0	12.0



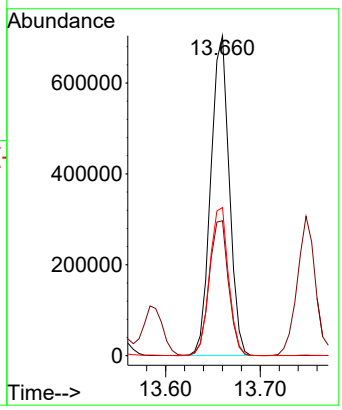


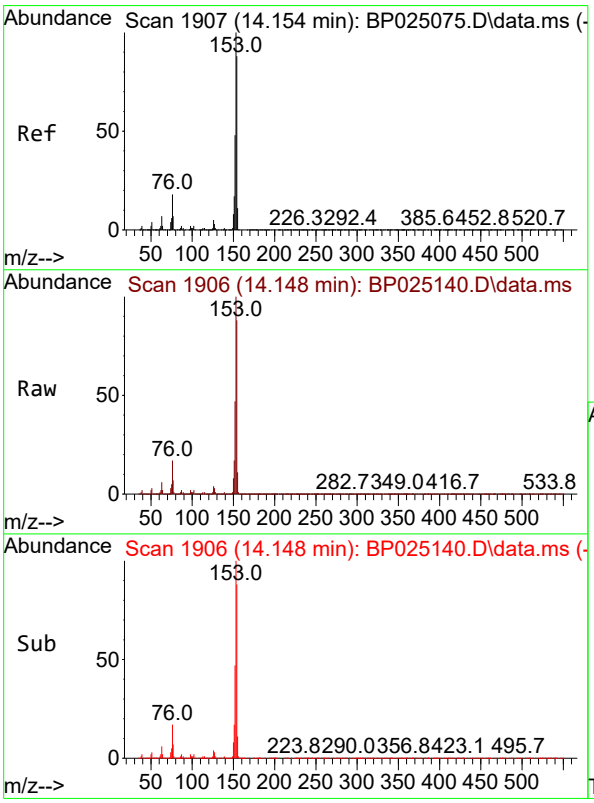
#51
2,6-Dinitrotoluene
Concen: 51.914 ng
RT: 13.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:165 Resp: 952950

Ion	Ratio	Lower	Upper
165	100		
63	42.1	38.5	57.7
89	46.3	40.6	61.0

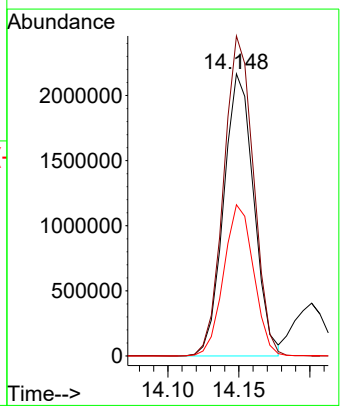


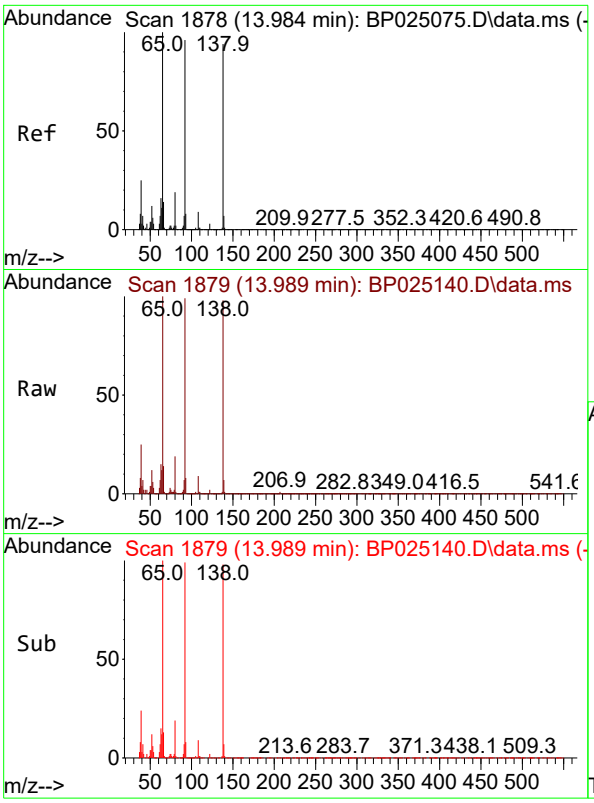


#52
Acenaphthene
Concen: 44.073 ng
RT: 14.148 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:154 Resp: 3196819

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.6	136.0
152	53.6	43.8	65.8



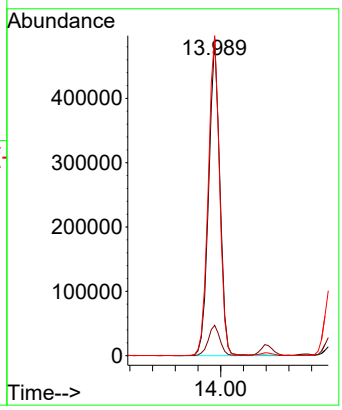


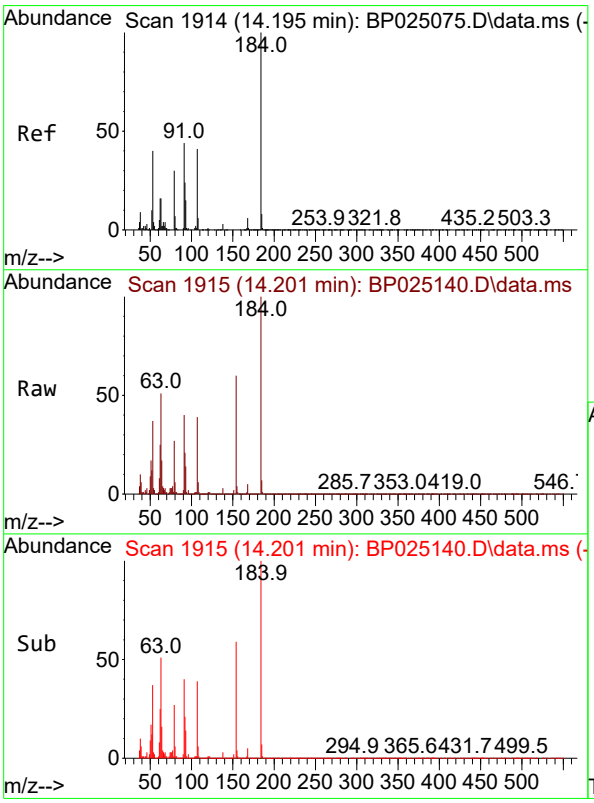
#53
3-Nitroaniline
Concen: 33.736 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:138 Resp: 663658

Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.8
92	100.8	81.0	121.4

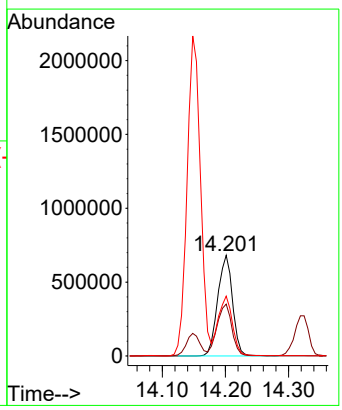


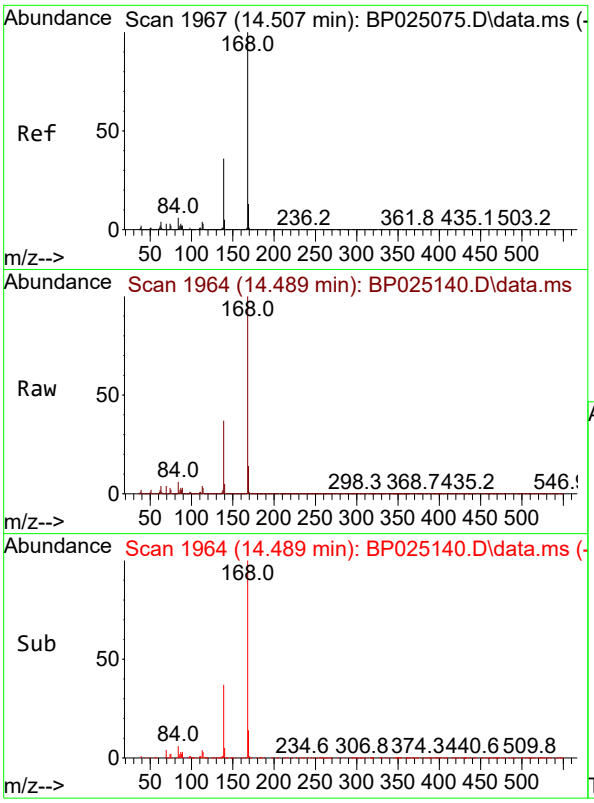


#54
2,4-Dinitrophenol
Concen: 120.847 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:184 Resp: 1110577

Ion	Ratio	Lower	Upper
184	100		
63	51.5	47.4	71.0
154	59.5	47.8	71.8



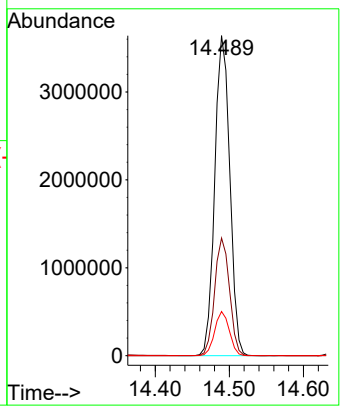


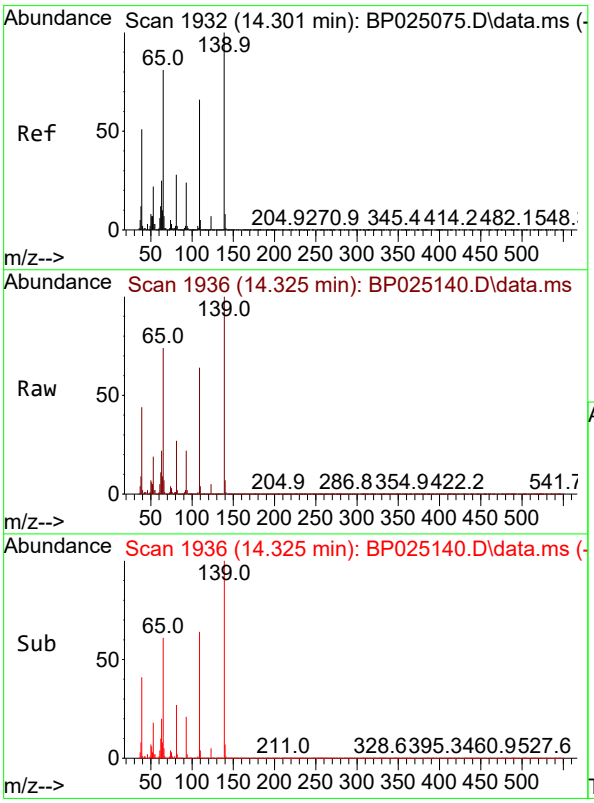
#55
Dibenzofuran
Concen: 42.806 ng
RT: 14.489 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:168 Resp: 5124164

Ion	Ratio	Lower	Upper
168	100		
139	36.8	28.6	43.0
169	13.8	10.7	16.1

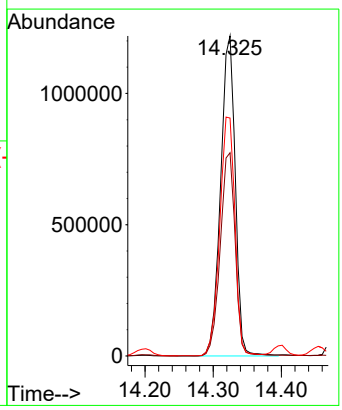


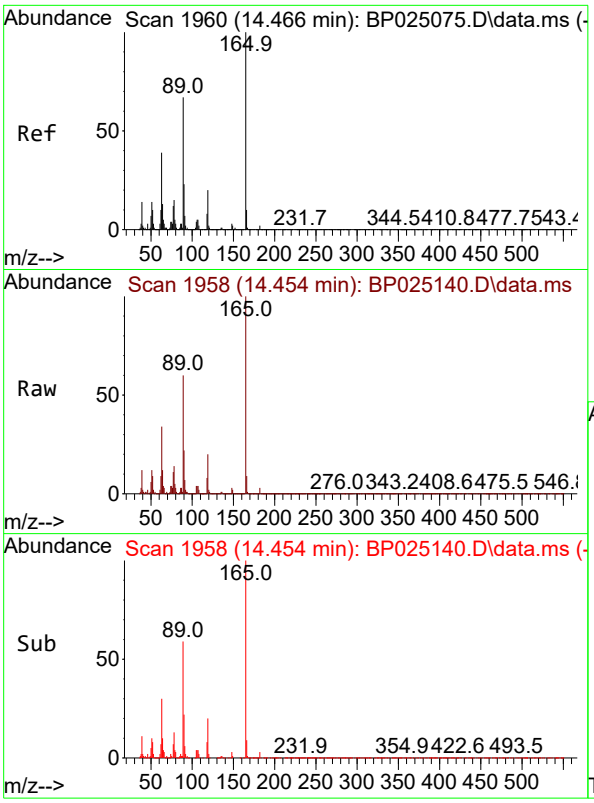


#56
4-Nitrophenol
Concen: 100.446 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.023 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:139 Resp: 1823520

Ion	Ratio	Lower	Upper
139	100		
109	63.5	45.9	85.9
65	74.3	61.4	101.4



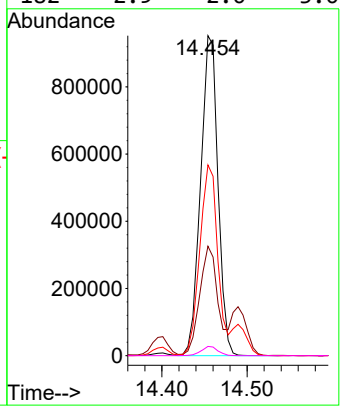


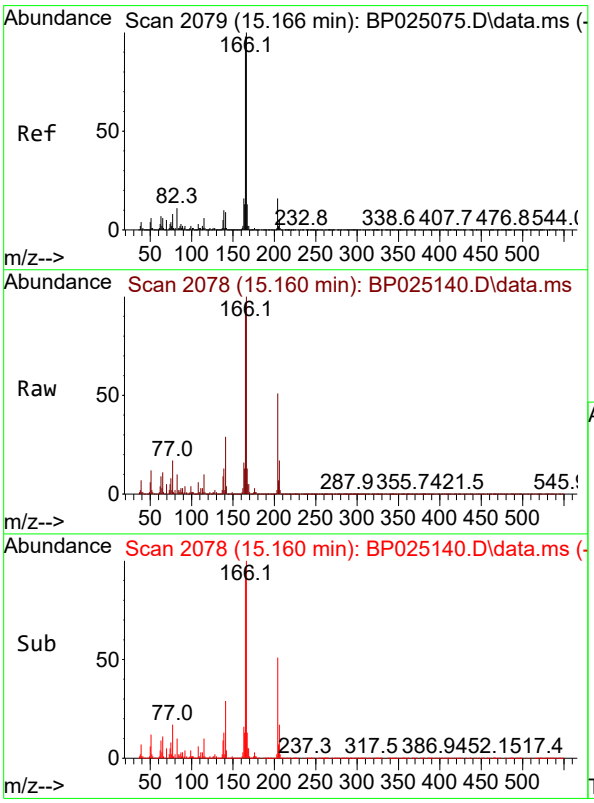
#57
2,4-Dinitrotoluene
Concen: 49.853 ng
RT: 14.454 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:165 Resp: 1345947

Ion	Ratio	Lower	Upper
165	100		
63	34.2	31.0	46.4
89	59.6	53.4	80.0
182	2.9	2.0	3.0

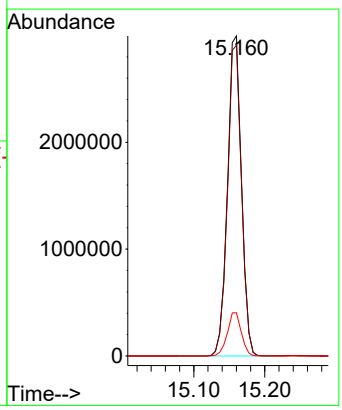


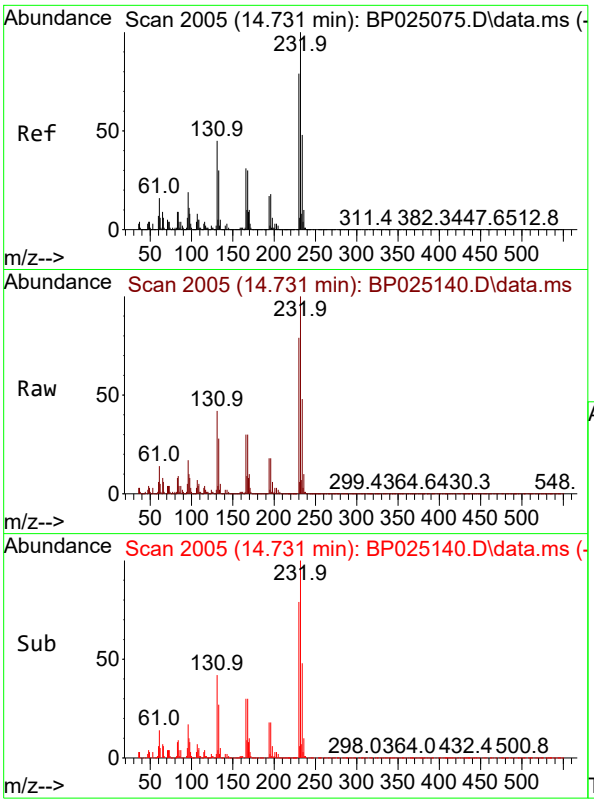


#58
Fluorene
Concen: 44.166 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:166 Resp: 4089317

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.6	117.8
167	13.5	10.7	16.1



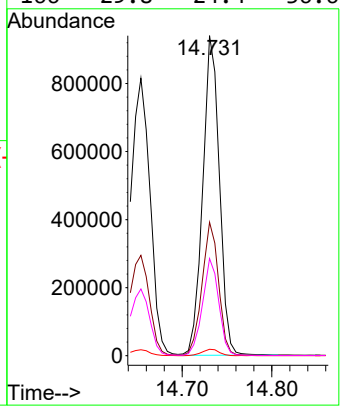


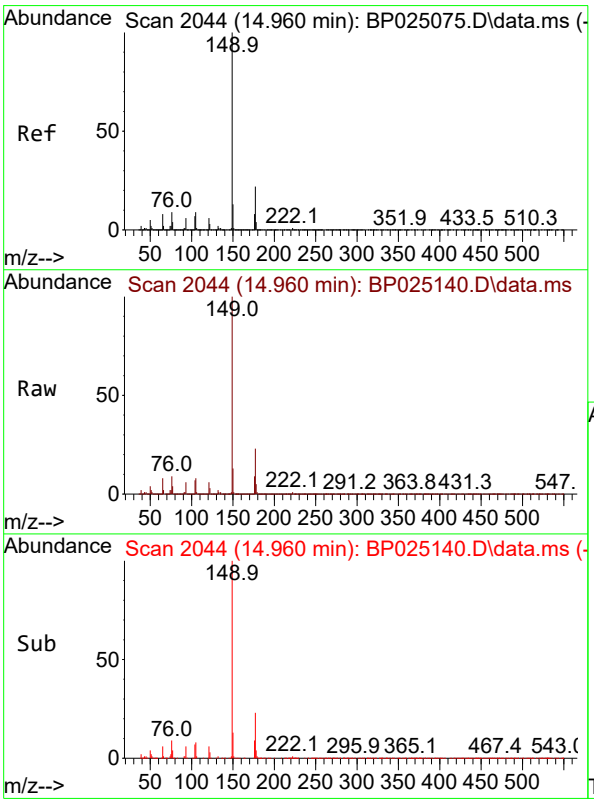
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.408 ng
RT: 14.731 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:232 Resp: 1210477

Ion	Ratio	Lower	Upper
232	100		
131	41.4	35.7	53.5
130	2.1	1.8	2.6
166	29.8	24.4	36.6

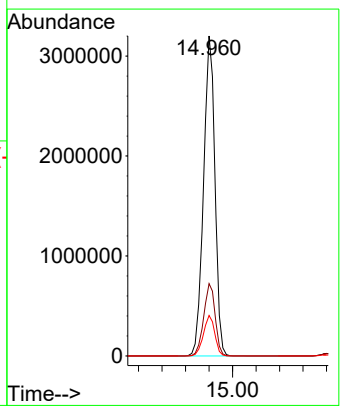


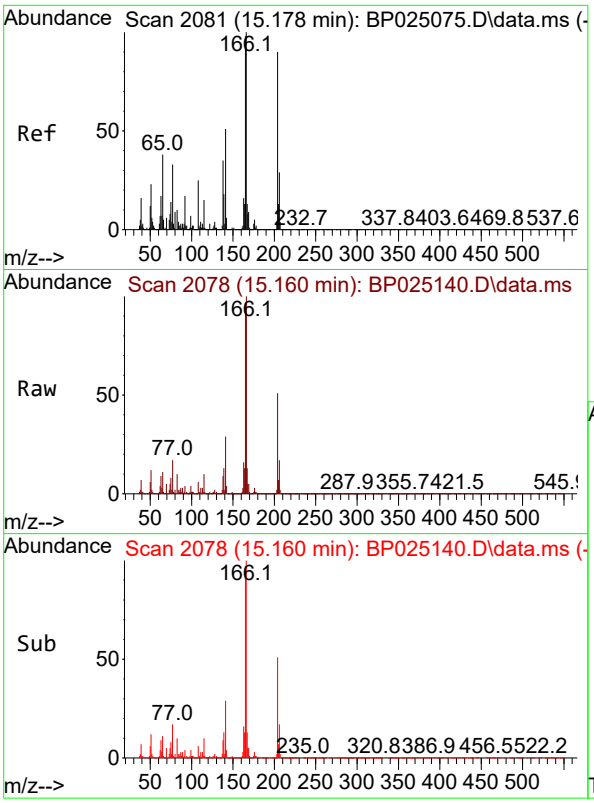


#60
Diethylphthalate
Concen: 45.534 ng
RT: 14.960 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:149 Resp: 4304454

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.8	26.8
150	12.7	10.2	15.2



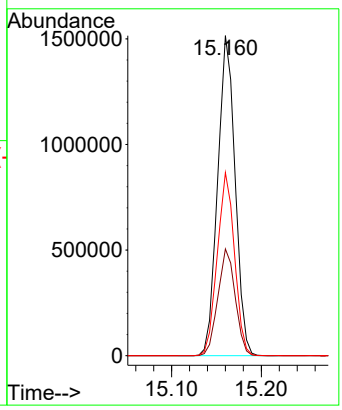


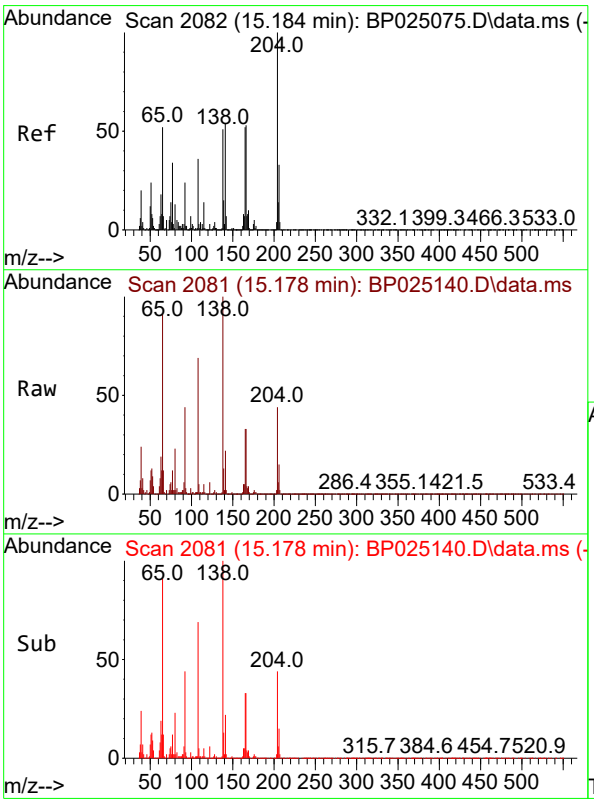
#61
4-Chlorophenyl-phenylether
Concen: 44.667 ng
RT: 15.160 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:204 Resp: 2046693

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	57.2	45.1	67.7

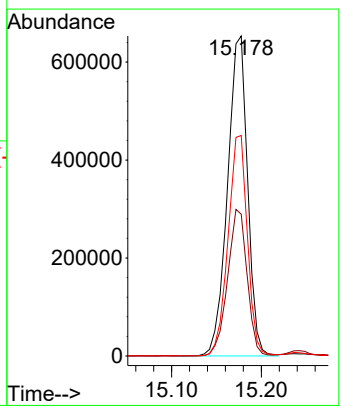


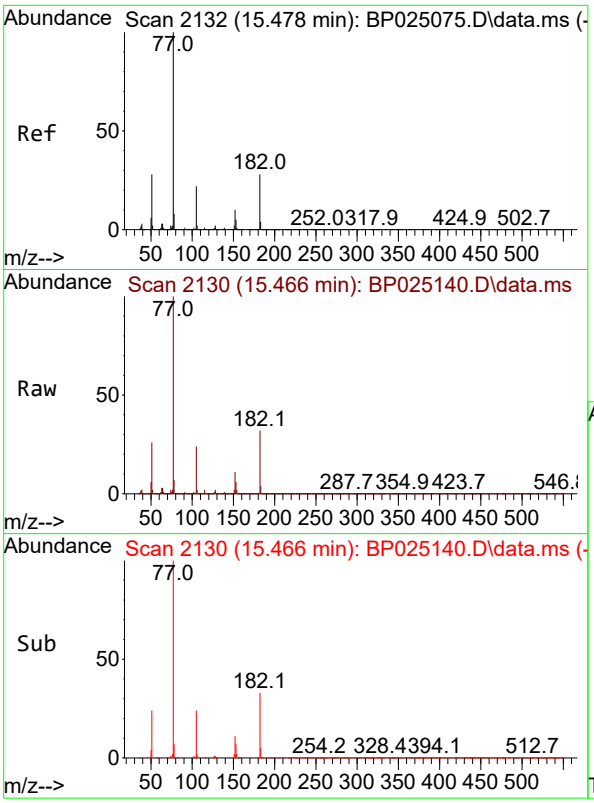


#62
4-Nitroaniline
Concen: 49.203 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:138 Resp: 1014937

Ion	Ratio	Lower	Upper
138	100		
92	44.3	26.0	66.0
108	68.9	50.0	90.0



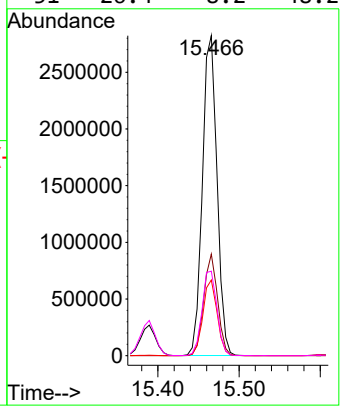


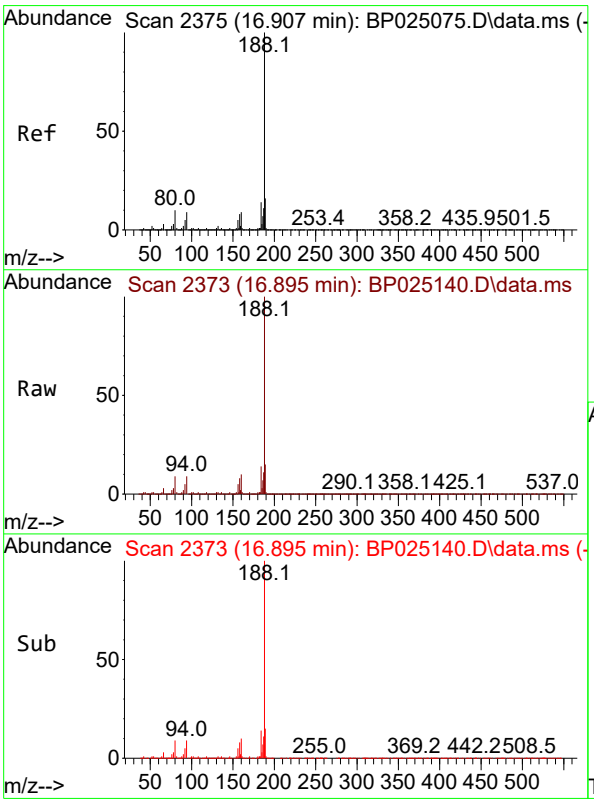
#63
Azobenzene
Concen: 41.769 ng
RT: 15.466 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion: 77 Resp: 3516056

Ion	Ratio	Lower	Upper
77	100		
182	31.8	7.7	47.7
105	23.7	1.9	41.9
51	26.4	8.2	48.2

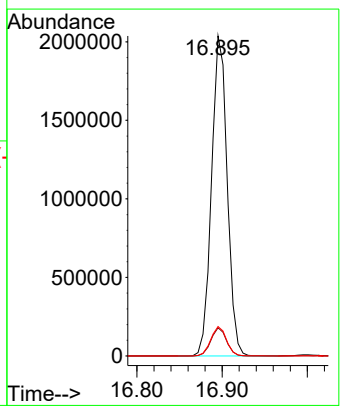


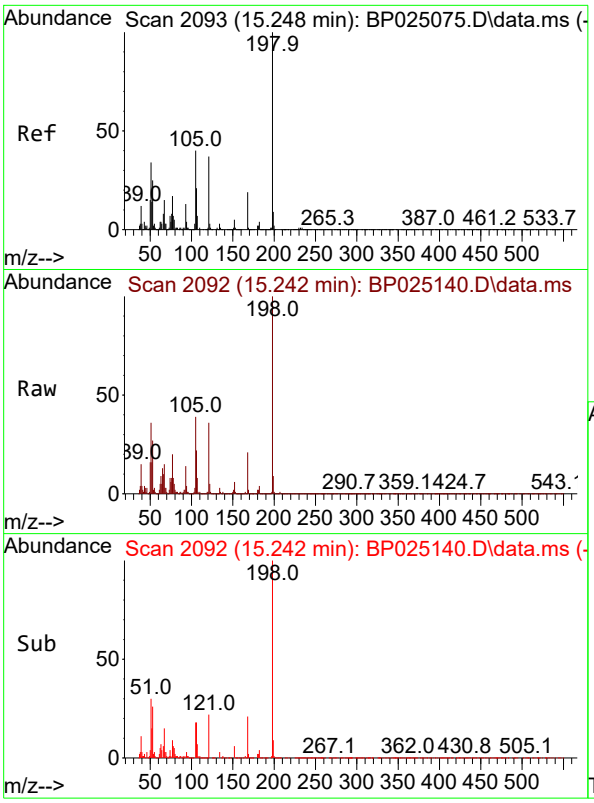


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:188 Resp: 2600633

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.3	10.9
80	9.2	7.8	11.6



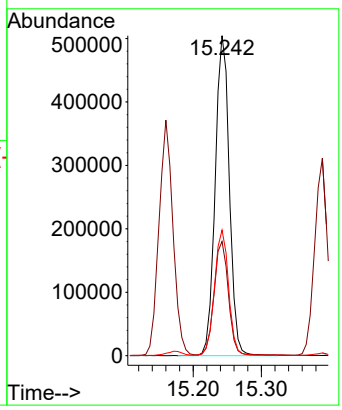


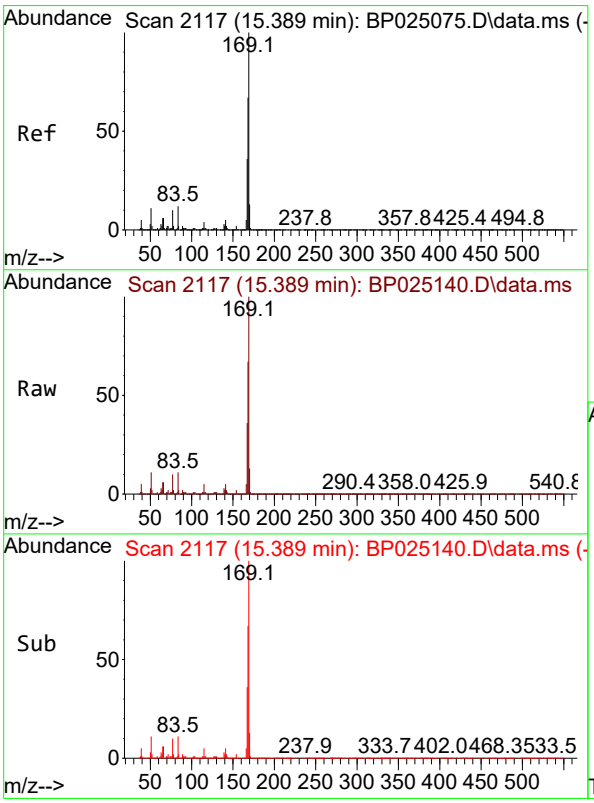
#65
4,6-Dinitro-2-methylphenol
Concen: 60.012 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:198 Resp: 728904

Ion	Ratio	Lower	Upper
198	100		
51	35.7	16.8	56.8
105	39.2	20.8	60.8

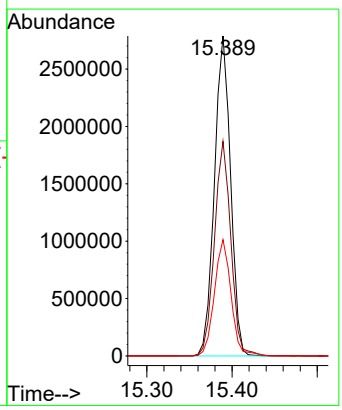


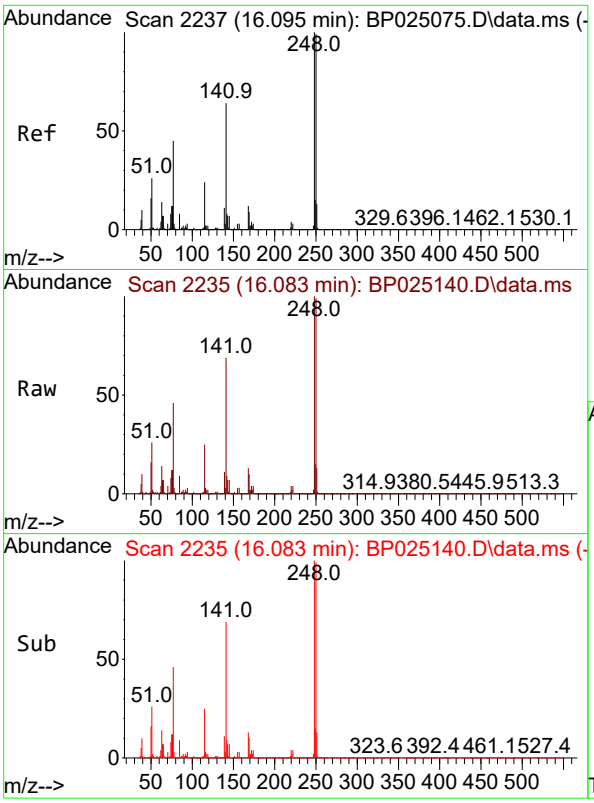


#66
n-Nitrosodiphenylamine
Concen: 49.396 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:169 Resp: 3676393

Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.1	81.1
167	36.4	29.0	43.6



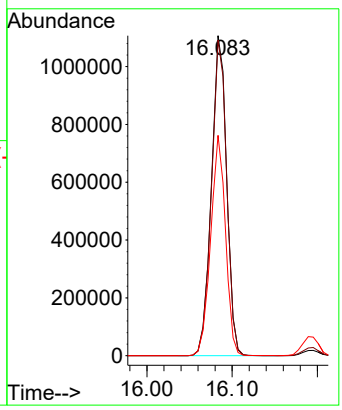


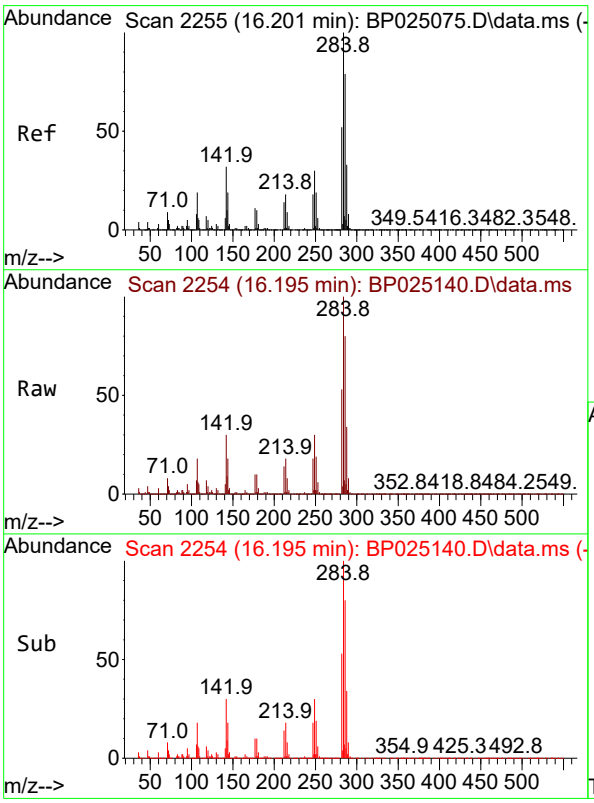
#67
4-Bromophenyl-phenylether
Concen: 51.565 ng
RT: 16.083 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:248 Resp: 1373072

Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.4	119.2
141	68.8	51.4	77.0

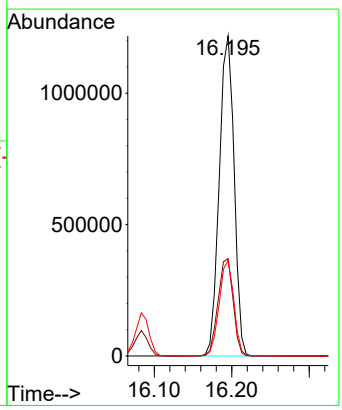


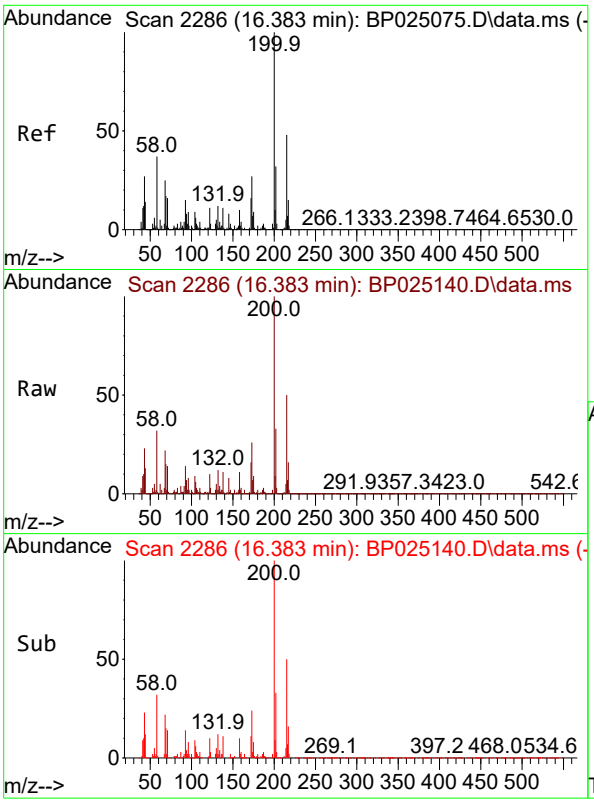


#68
Hexachlorobenzene
Concen: 49.813 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:284 Resp: 1621227

Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.9	38.9
249	29.8	23.8	35.8



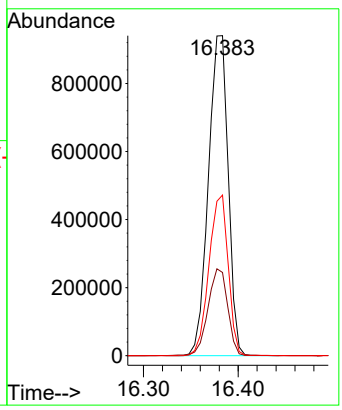


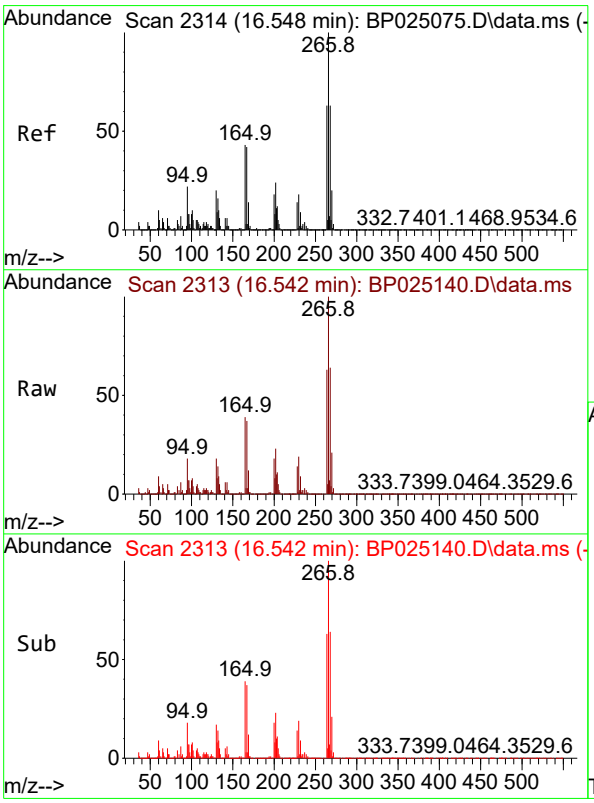
#69
Atrazine
Concen: 62.687 ng
RT: 16.383 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:200 Resp: 1367167

Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.6	46.6
215	50.2	28.0	68.0

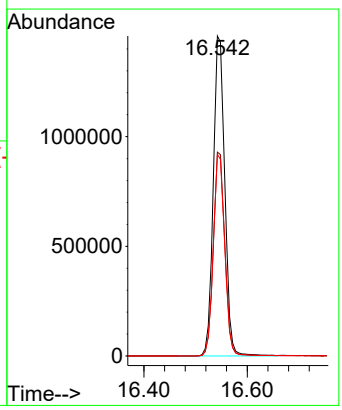


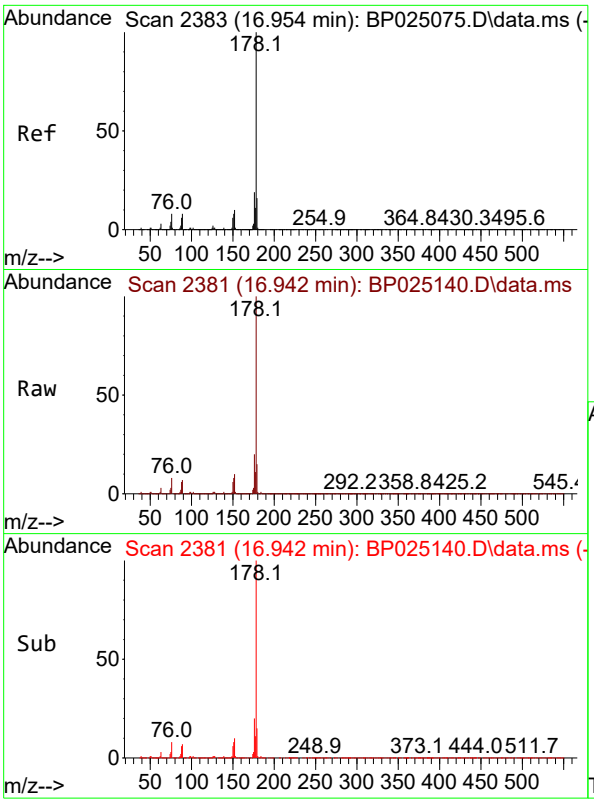


#70
Pentachlorophenol
Concen: 102.342 ng
RT: 16.542 min Scan# 2313
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:266 Resp: 2249506

Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.4	75.6
264	63.0	50.2	75.2



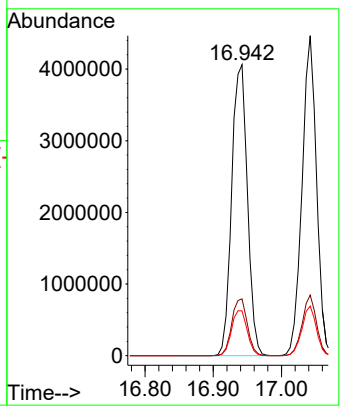


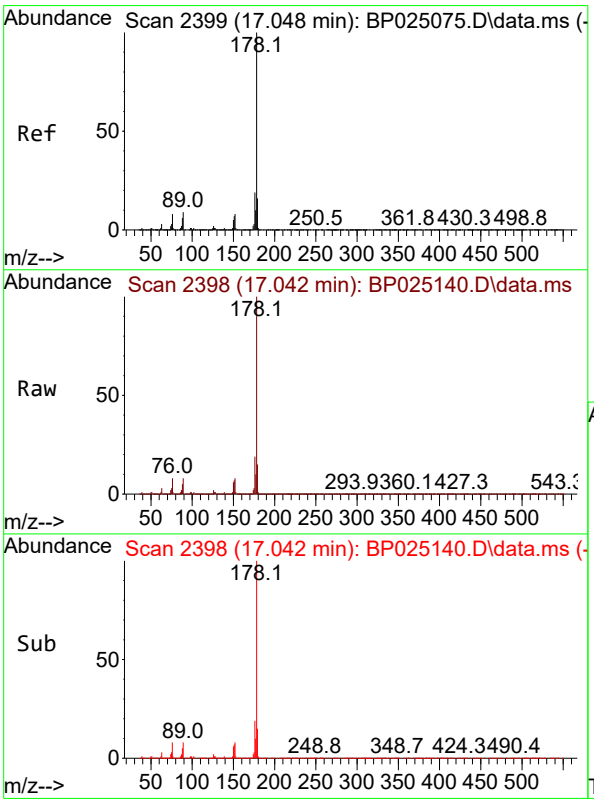
#71
Phenanthrene
Concen: 46.790 ng
RT: 16.942 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:178 Resp: 6502117

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.4	12.6	19.0

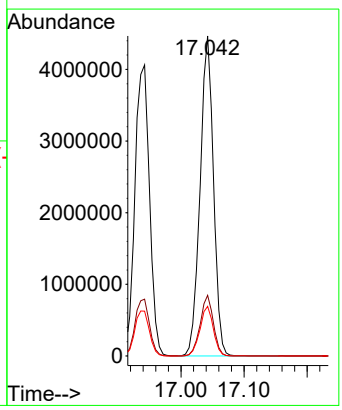


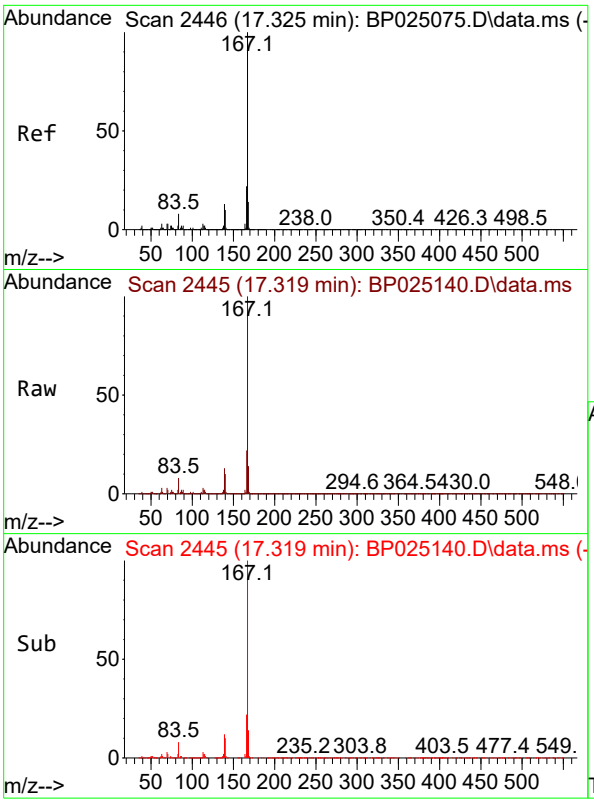


#72
Anthracene
Concen: 49.413 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:178 Resp: 6587542

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.5	12.5	18.7



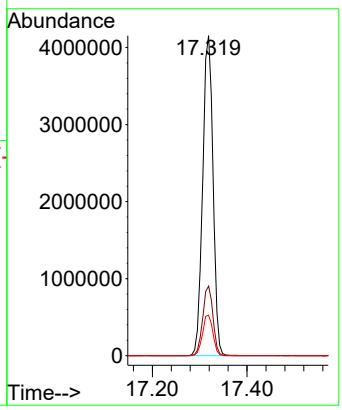


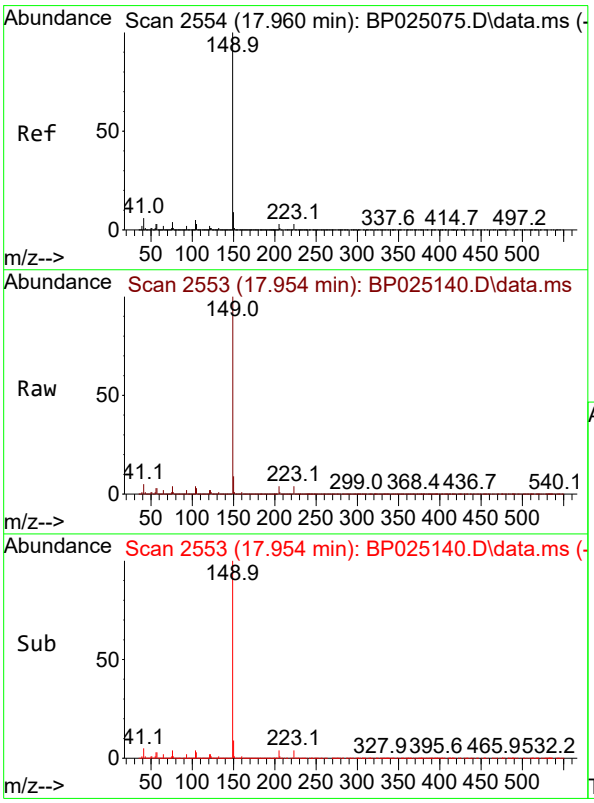
#73
Carbazole
Concen: 48.154 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:167 Resp: 6276914

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	12.7	10.4	15.6

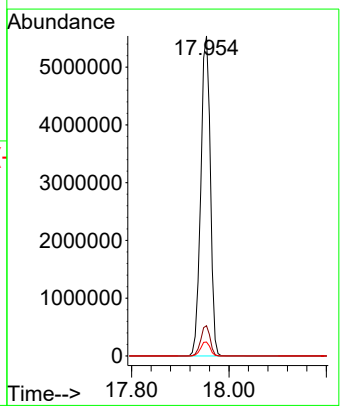


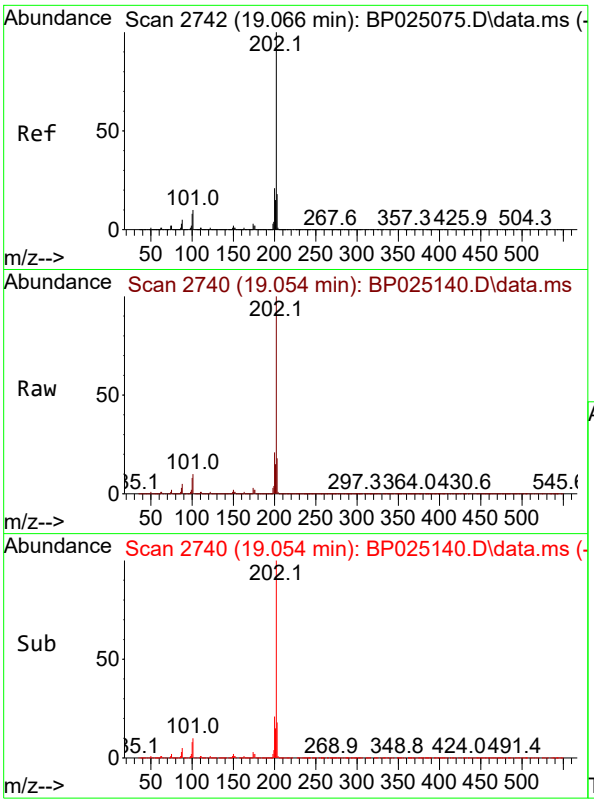


#74
Di-n-butylphthalate
Concen: 51.733 ng
RT: 17.954 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:149 Resp: 7509386

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.3	3.8	5.6



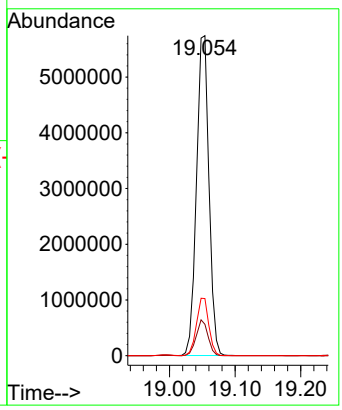


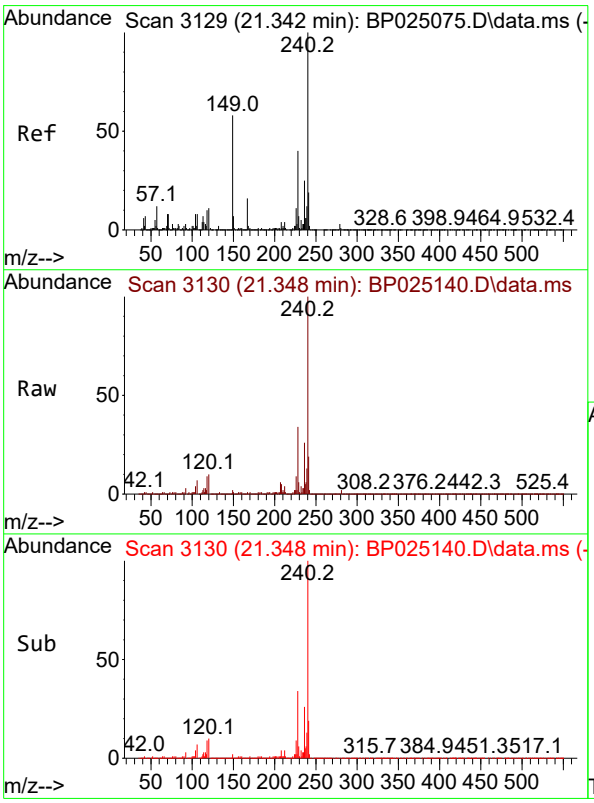
#75
Fluoranthene
Concen: 46.789 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:202 Resp: 7600190

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.4
203	17.9	0.0	37.6

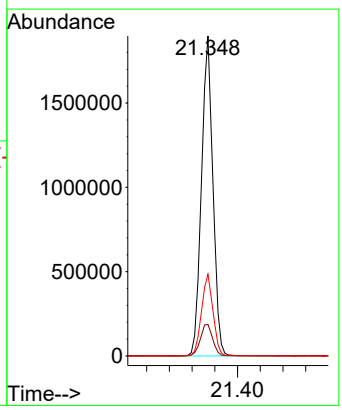


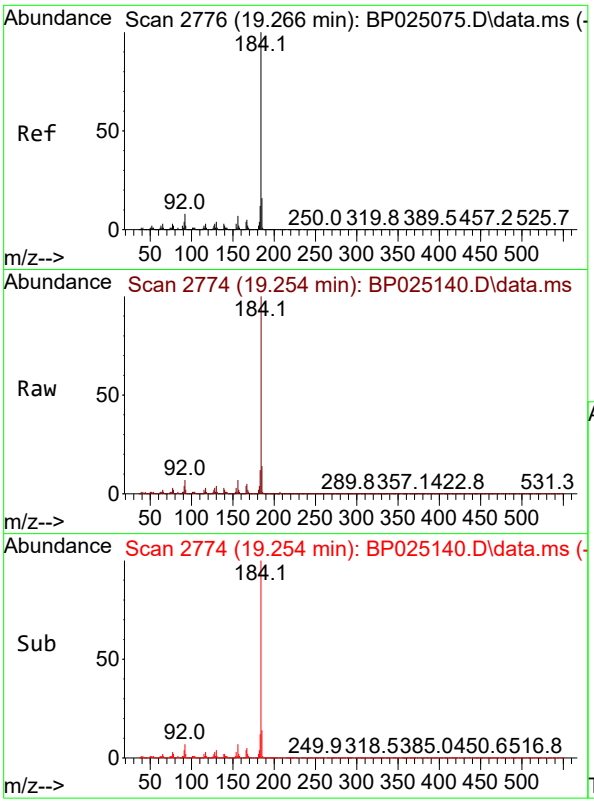


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:240 Resp: 2649430

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.0	13.4
236	25.6	20.3	30.5



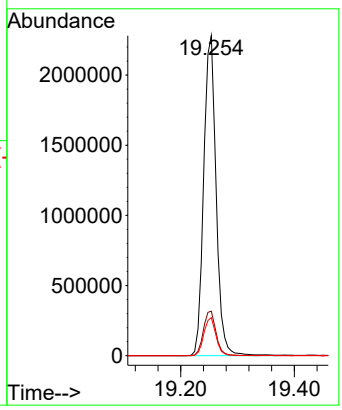


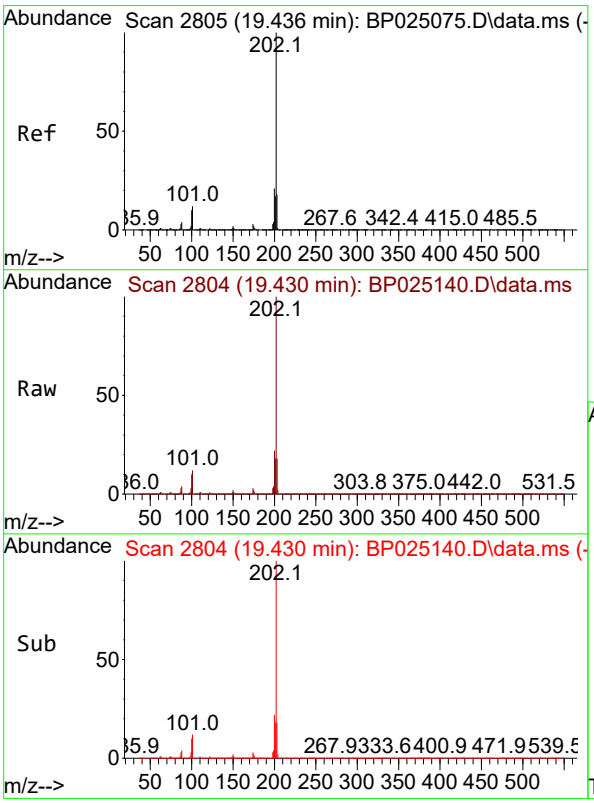
#77
Benzidine
Concen: 73.587 ng
RT: 19.254 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:184 Resp: 3443348

Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.9	9.4	14.2

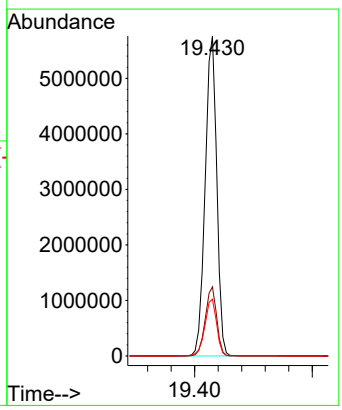


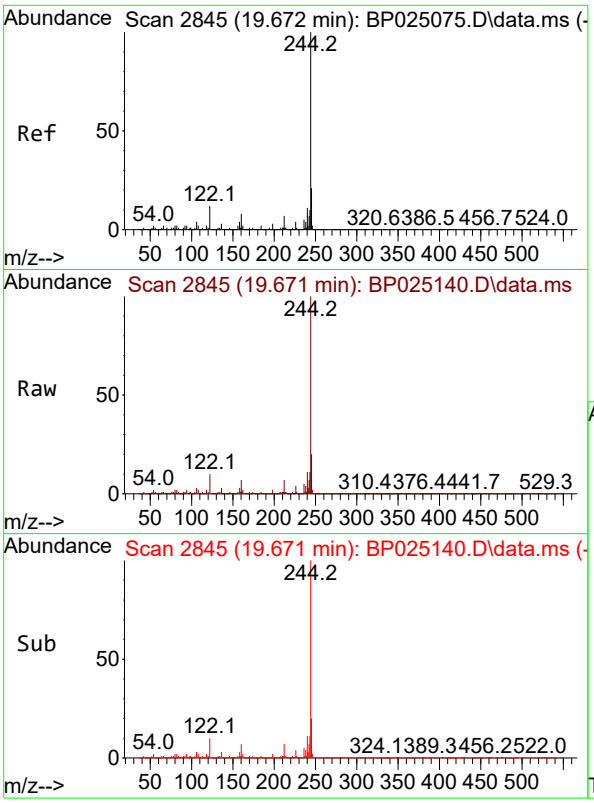


#78
Pyrene
Concen: 48.043 ng
RT: 19.430 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:202 Resp: 7883795

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	17.8	14.1	21.1



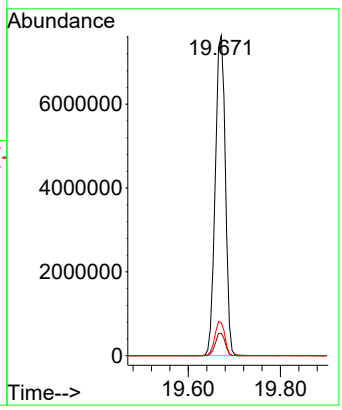


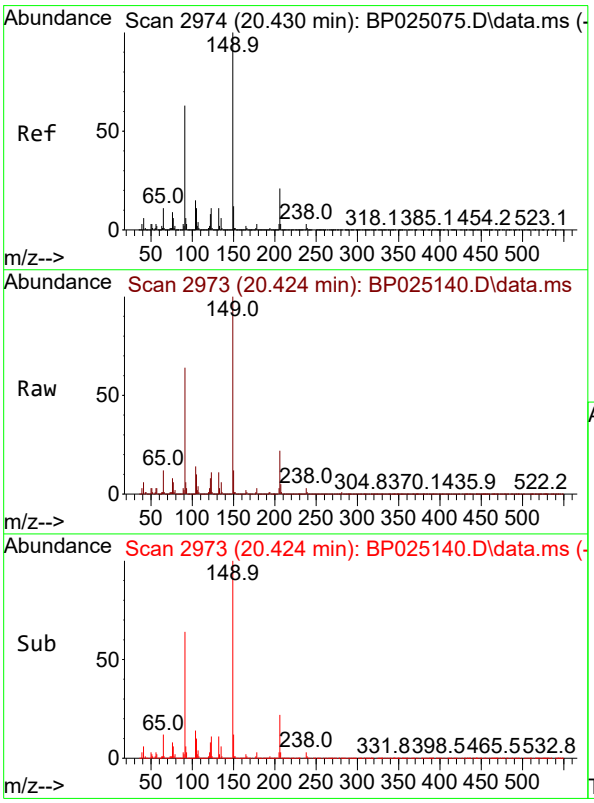
#79
Terphenyl-d14
Concen: 95.782 ng
RT: 19.671 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:244 Resp:11546522

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.3	9.4	14.2

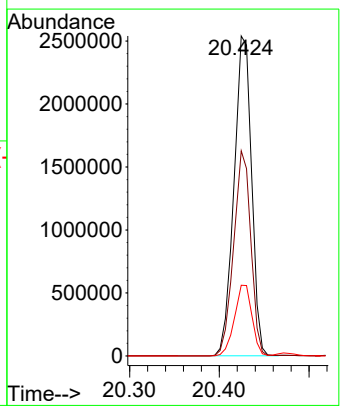


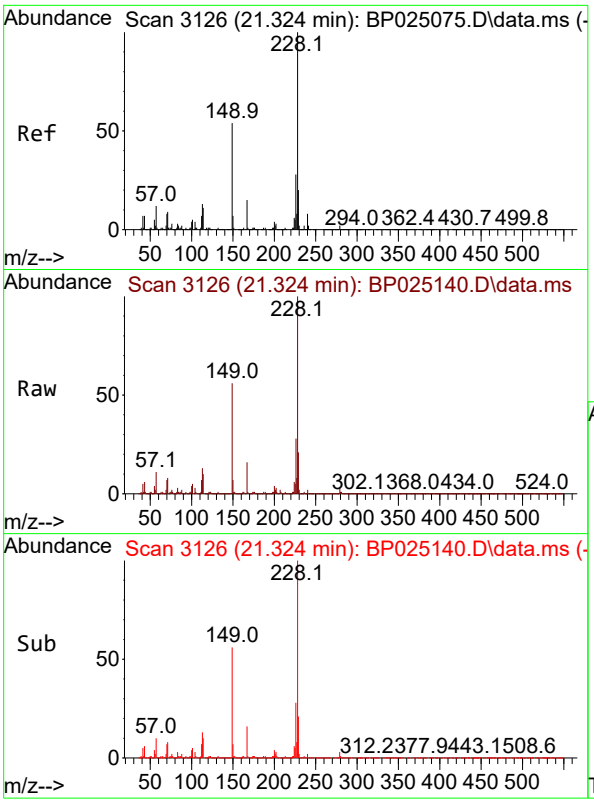


#80
Butylbenzylphthalate
Concen: 54.134 ng
RT: 20.424 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:149 Resp: 3454852

Ion	Ratio	Lower	Upper
149	100		
91	64.1	50.6	76.0
206	22.1	17.2	25.8



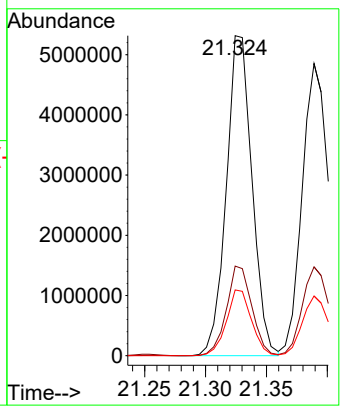


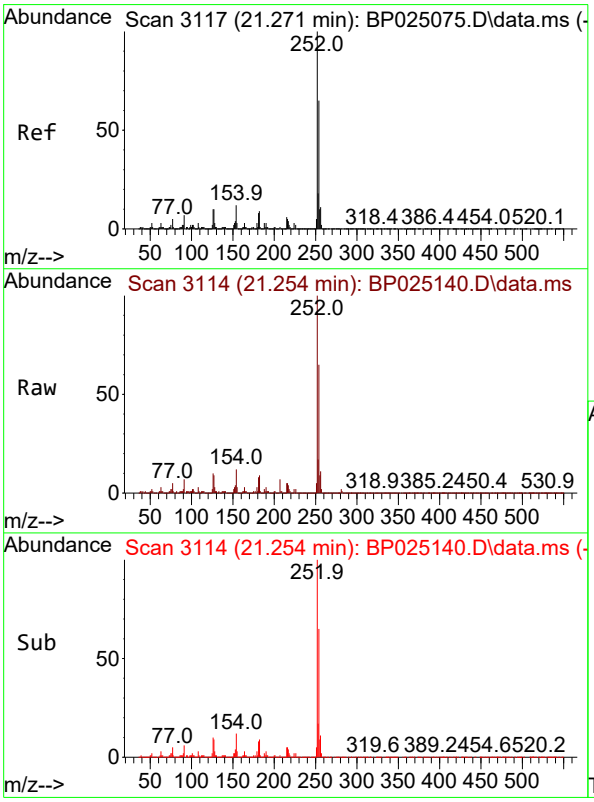
#81
Benzo(a)anthracene
Concen: 48.838 ng
RT: 21.324 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:228 Resp: 7841380

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	20.5	16.0	24.0

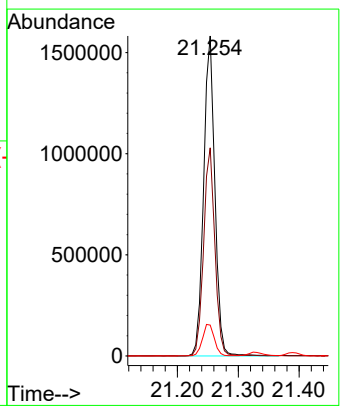


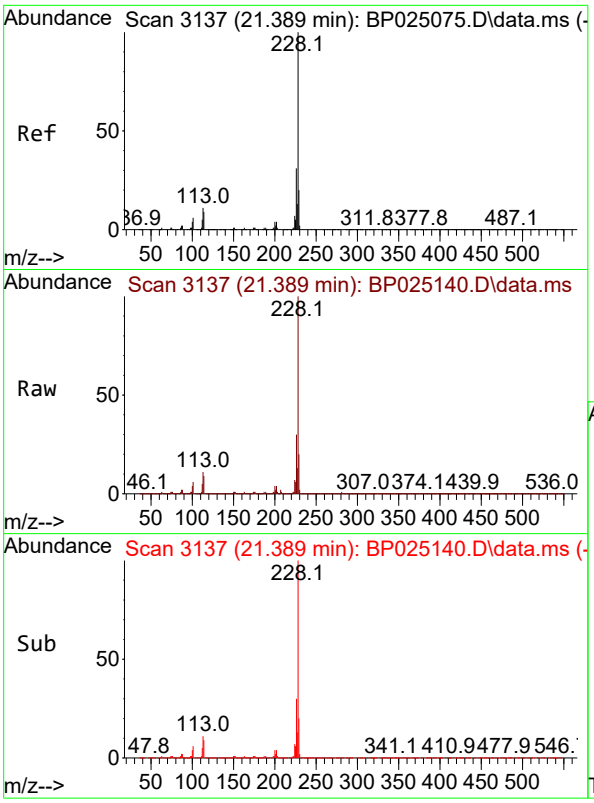


#82
3,3'-Dichlorobenzidine
Concen: 41.914 ng
RT: 21.254 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:252 Resp: 2025908

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	9.7	8.1	12.1



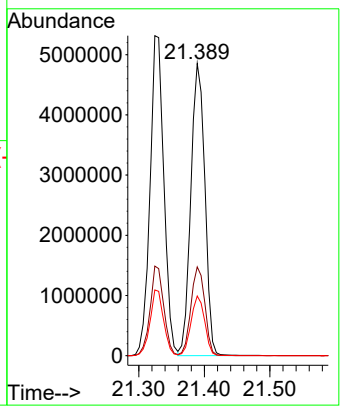


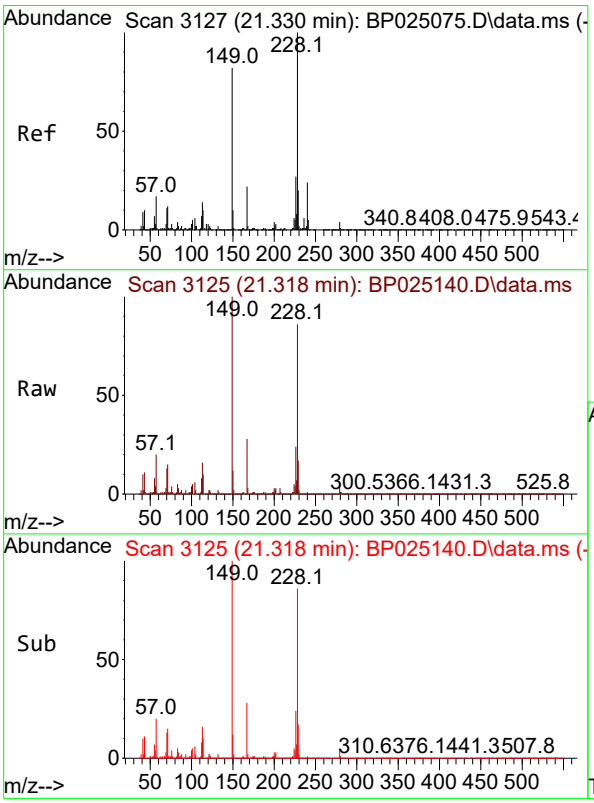
#83
Chrysene
Concen: 46.694 ng
RT: 21.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:228 Resp: 7214825

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	20.4	16.0	24.0

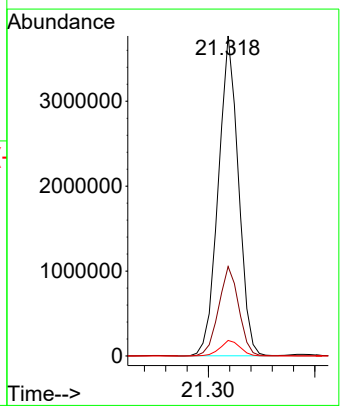


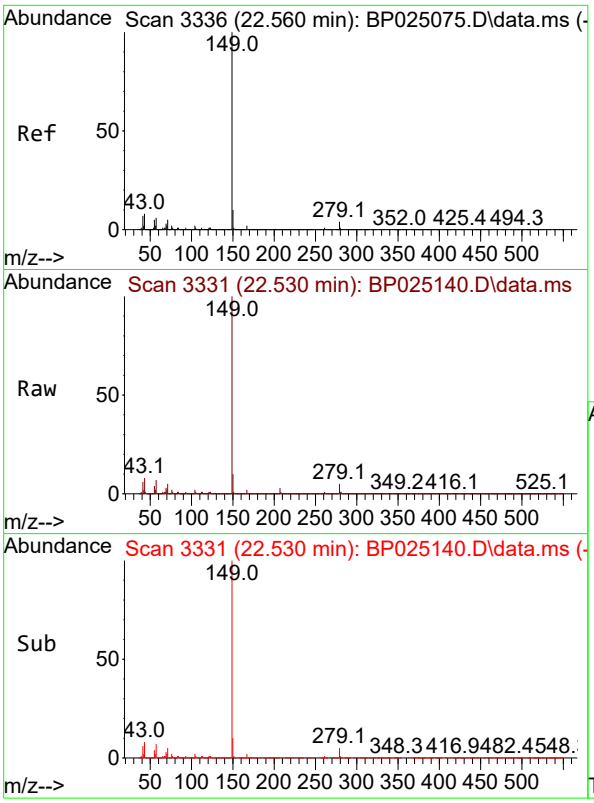


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.235 ng
RT: 21.318 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:149 Resp: 4929216

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.9	32.9
279	4.8	3.5	5.3



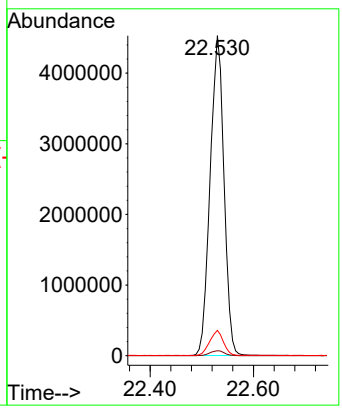


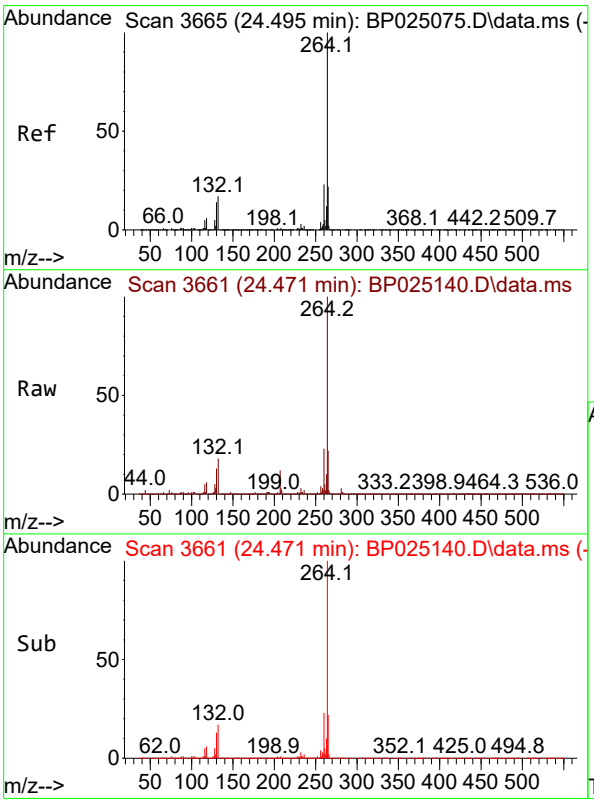
#85
Di-n-octyl phthalate
Concen: 52.644 ng
RT: 22.530 min Scan# 3
Delta R.T. -0.030 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:149 Resp: 8420149

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	6.9	10.3

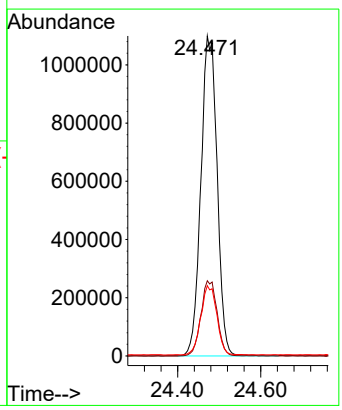


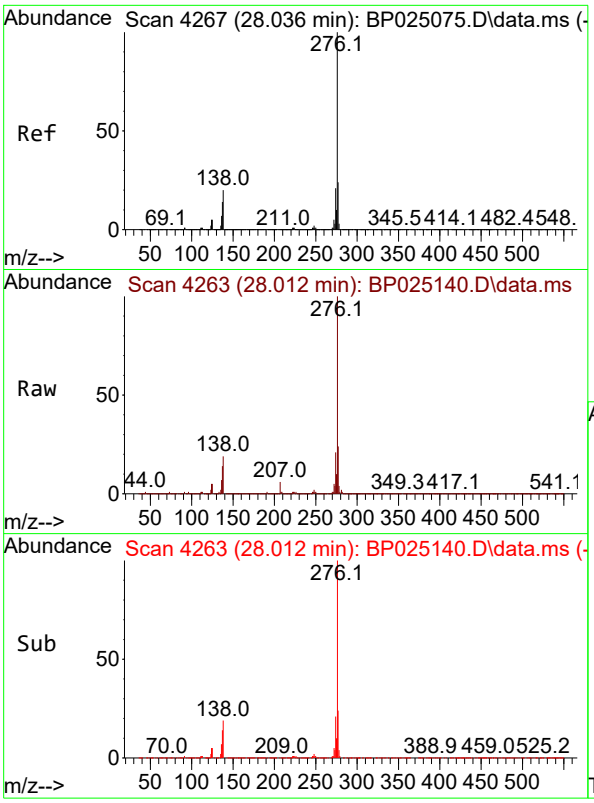


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. -0.024 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:264 Resp: 2985173

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.9	17.7	26.5



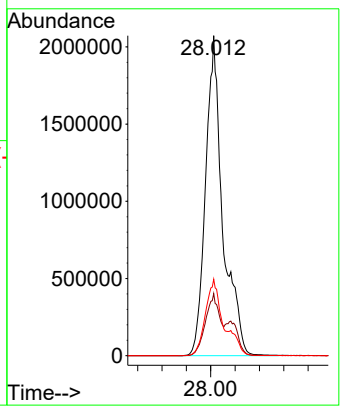


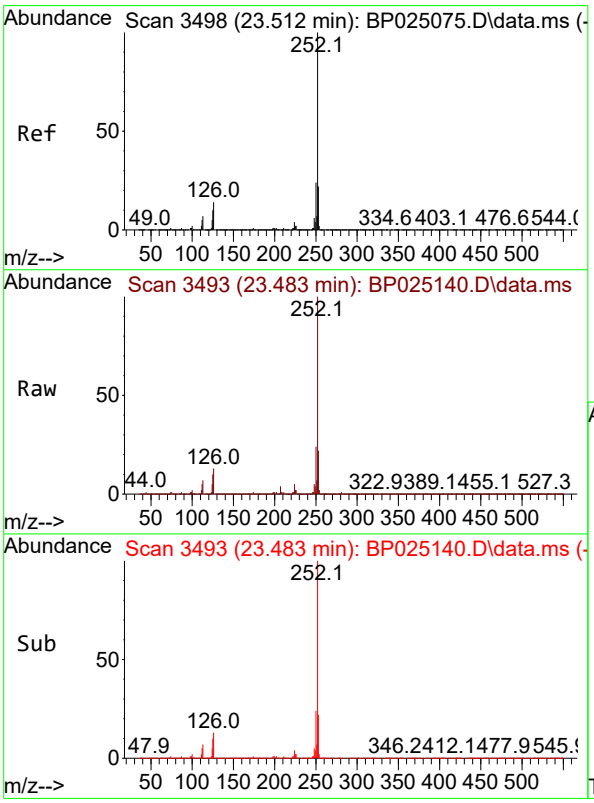
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.284 ng
RT: 28.012 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:276 Resp:10133048

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.0	19.6
277	25.4	15.9	23.9#

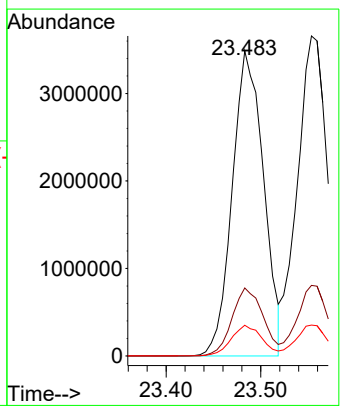


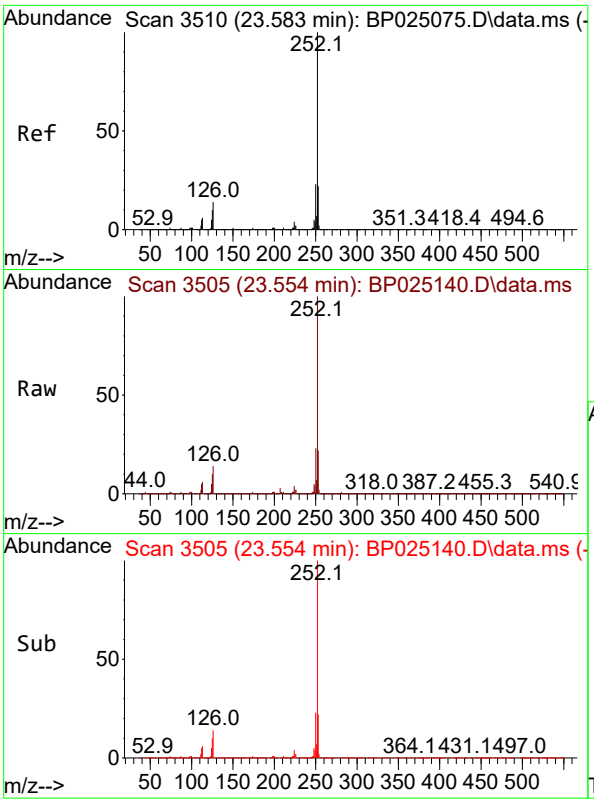


#88
Benzo(b)fluoranthene
Concen: 46.003 ng
RT: 23.483 min Scan# 3493
Delta R.T. -0.029 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:252 Resp: 7993085

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.1	8.1	12.1



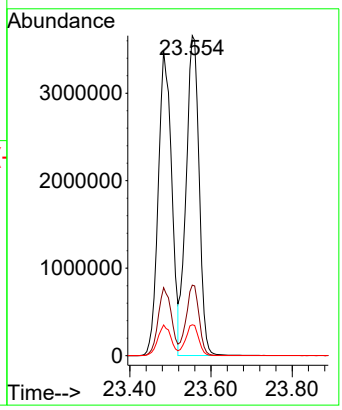


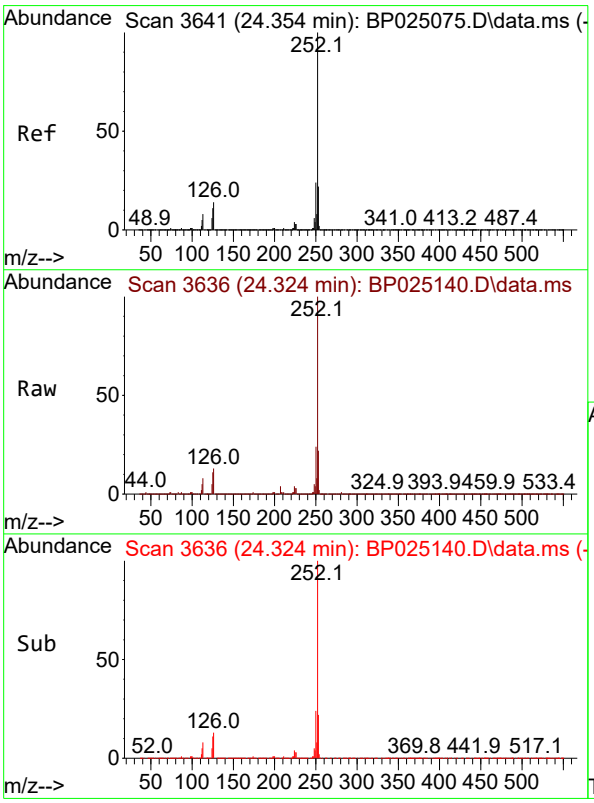
#89
Benzo(k)fluoranthene
Concen: 47.097 ng
RT: 23.554 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:252 Resp: 8142182

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.7	8.2	12.2

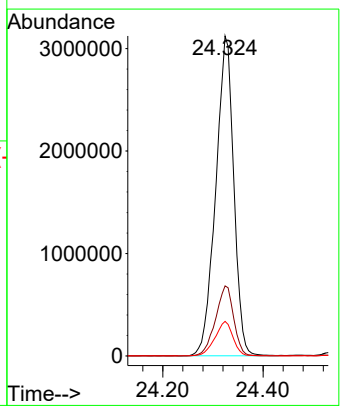


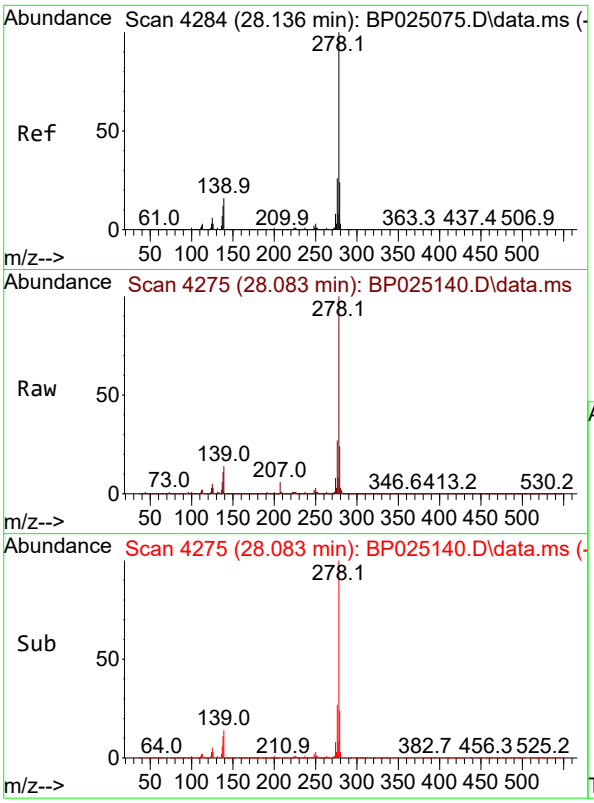


#90
Benzo(a)pyrene
Concen: 52.806 ng
RT: 24.324 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:252 Resp: 7808984

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.8	9.0	13.4



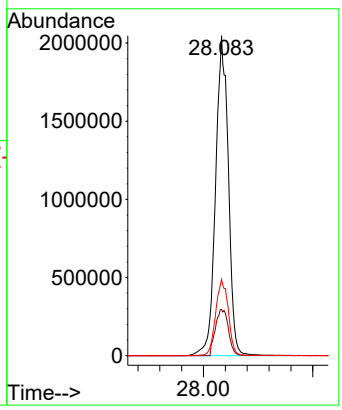


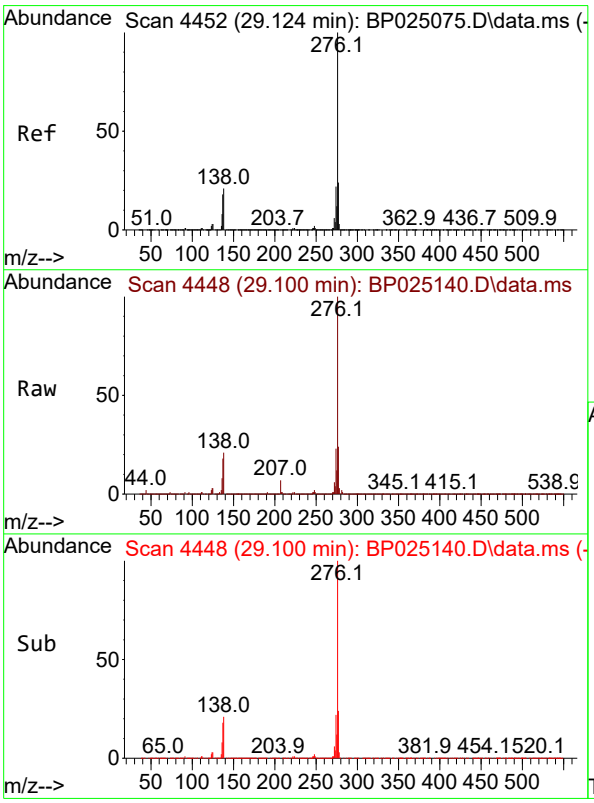
#91
Dibenzo(a,h)anthracene
Concen: 52.671 ng
RT: 28.083 min Scan# 4
Delta R.T. -0.053 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Instrument :
BNA_P
ClientSampleId :
PB168787BS

Tgt Ion:278 Resp: 8279761

Ion	Ratio	Lower	Upper
278	100		
139	14.5	13.1	19.7
279	23.9	18.9	28.3

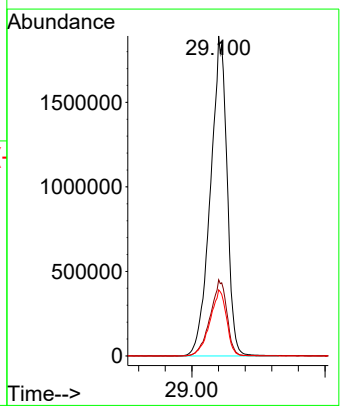




#92
Benzo(g,h,i)perylene
Concen: 50.428 ng
RT: 29.100 min Scan# 4448
Delta R.T. -0.024 min
Lab File: BP025140.D
Acq: 15 Jul 2025 10:58

Tgt Ion:276 Resp: 8188896

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	20.6	16.9	25.3



Raw Data: **BM050395.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-49MS	SDG No.:	Q2543
Lab Sample ID:	Q2543-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	73.9
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
BM050395.D	1	07/10/25 09:55	07/10/25 18:38	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2000		210	450	ug/Kg
108-95-2	Phenol	2100		29.8	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		32.8	230	ug/Kg
95-57-8	2-Chlorophenol	2100		32.9	230	ug/Kg
95-48-7	2-Methylphenol	2100		40.4	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		50.6	230	ug/Kg
98-86-2	Acetophenone	2000		39.8	230	ug/Kg
65794-96-9	3+4-Methylphenols	2100		55.5	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		64.0	110	ug/Kg
67-72-1	Hexachloroethane	1900		23.8	230	ug/Kg
98-95-3	Nitrobenzene	2000		24.7	230	ug/Kg
78-59-1	Isophorone	2100		44.3	230	ug/Kg
88-75-5	2-Nitrophenol	2300		78.6	230	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		87.5	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		41.6	230	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		38.2	230	ug/Kg
91-20-3	Naphthalene	2000		30.6	230	ug/Kg
106-47-8	4-Chloroaniline	600		47.8	230	ug/Kg
87-68-3	Hexachlorobutadiene	2000		34.2	230	ug/Kg
105-60-2	Caprolactam	2200		70.3	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		38.7	230	ug/Kg
91-57-6	2-Methylnaphthalene	2100		34.6	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4200	E	160	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		26.7	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2200		39.3	230	ug/Kg
92-52-4	1,1-Biphenyl	2000		29.4	230	ug/Kg
91-58-7	2-Chloronaphthalene	2000		30.4	230	ug/Kg
88-74-4	2-Nitroaniline	2200		64.9	230	ug/Kg
131-11-3	Dimethylphthalate	2100		36.6	230	ug/Kg

Raw Data: **BM050395.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-49MS	SDG No.:	Q2543
Lab Sample ID:	Q2543-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	73.9
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
BM050395.D	1	07/10/25 09:55	07/10/25 18:38	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2100		39.0	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		45.4	230	ug/Kg
99-09-2	3-Nitroaniline	990		62.1	230	ug/Kg
83-32-9	Acenaphthene	2200		28.8	230	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	E	310	450	ug/Kg
100-02-7	4-Nitrophenol	4600	E	140	450	ug/Kg
132-64-9	Dibenzofuran	2000		30.6	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		67.6	230	ug/Kg
84-66-2	Diethylphthalate	2100		38.2	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		36.0	230	ug/Kg
86-73-7	Fluorene	2100		34.2	230	ug/Kg
100-01-6	4-Nitroaniline	1900		86.7	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		140	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		44.4	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2200		37.5	230	ug/Kg
118-74-1	Hexachlorobenzene	2100		34.2	230	ug/Kg
1912-24-9	Atrazine	2300		45.9	230	ug/Kg
87-86-5	Pentachlorophenol	4600	E	69.3	450	ug/Kg
85-01-8	Phenanthrene	2100		28.2	230	ug/Kg
120-12-7	Anthracene	2100		45.0	230	ug/Kg
86-74-8	Carbazole	2100		42.1	230	ug/Kg
84-74-2	Di-n-butylphthalate	2300		64.7	230	ug/Kg
206-44-0	Fluoranthene	2400		40.5	230	ug/Kg
129-00-0	Pyrene	2700		48.6	230	ug/Kg
85-68-7	Butylbenzylphthalate	2700		96.4	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		49.5	450	ug/Kg
56-55-3	Benzo(a)anthracene	2300		31.1	230	ug/Kg
218-01-9	Chrysene	2200		26.9	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600		79.9	230	ug/Kg
117-84-0	Di-n-octyl phthalate	2400		120	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		25.7	230	ug/Kg

Raw Data: **BM050395.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-49MS	SDG No.:	Q2543
Lab Sample ID:	Q2543-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	73.9
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
BM050395.D	1	07/10/25 09:55	07/10/25 18:38	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2200		30.2	230	ug/Kg
50-32-8	Benzo(a)pyrene	2300		39.8	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		39.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		37.0	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		34.7	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		34.6	230	ug/Kg
123-91-1	1,4-Dioxane	1600		61.0	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2300		37.0	230	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	100		18 - 112	67%	SPK: 150
13127-88-3	Phenol-d6	101		15 - 107	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.9		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.5		20 - 109	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	116		10 - 116	77%	SPK: 150
1718-51-0	Terphenyl-d14	71.0		10 - 105	71%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	628000	7.863			
1146-65-2	Naphthalene-d8	2380000	10.663			
15067-26-2	Acenaphthene-d10	1540000	14.492			
1517-22-2	Phenanthrene-d10	3030000	17.227			
1719-03-5	Chrysene-d12	2720000	21.456			
1520-96-3	Perylene-d12	2170000	24.491			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050395.D
Acq On : 10 Jul 2025 18:38
Operator : RC/JU
Sample : Q2543-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Quant Time: Jul 11 01:56:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	627832	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	2379650	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1542629	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	3030624	20.000	ng	0.00
76) Chrysene-d12	21.456	240	2721657	20.000	ng	0.00
86) Perylene-d12	24.491	264	2168246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3652651	100.144	ng	0.00
7) Phenol-d6	7.028	99	4644938	101.022	ng	0.00
23) Nitrobenzene-d5	9.016	82	2791716	59.853	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	2177611	116.182	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	7184736	57.517	ng	0.00
79) Terphenyl-d14	19.839	244	10975426	70.952	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	537480	35.836	ng	99
3) Pyridine	3.728	79	1510802	38.369	ng	98
4) n-Nitrosodimethylamine	3.634	42	765803	41.718	ng	99
6) Aniline	7.187	93	1688343	28.613	ng	100
8) 2-Chlorophenol	7.428	128	1810510	47.075	ng	97
9) Benzaldehyde	6.998	77	1186335	43.374	ng	98
10) Phenol	7.051	94	2229781	46.496	ng	99
11) bis(2-Chloroethyl)ether	7.281	93	1665276	43.360	ng	99
12) 1,3-Dichlorobenzene	7.751	146	1980471	42.349	ng	98
13) 1,4-Dichlorobenzene	7.898	146	2032867	42.571	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1953818	42.737	ng	100
15) Benzyl Alcohol	8.098	79	1486009	45.869	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.398	45	2401924	42.458	ng	99
17) 2-Methylphenol	8.298	107	1446655	46.510	ng	99
18) Hexachloroethane	8.951	117	727697	43.330	ng	96
19) n-Nitroso-di-n-propyla...	8.669	70	1271949	45.665	ng	96
20) 3+4-Methylphenols	8.628	107	1917878	45.932	ng	99
22) Acetophenone	8.681	105	2603803	43.763	ng	98
24) Nitrobenzene	9.057	77	1824064	43.824	ng	100
25) Isophorone	9.592	82	3469303	45.838	ng	100
26) 2-Nitrophenol	9.769	139	863845	50.923	ng	98
27) 2,4-Dimethylphenol	9.833	122	1684393	46.663	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	2229548	44.456	ng	99
29) 2,4-Dichlorophenol	10.304	162	1784421	48.118	ng	97
30) 1,2,4-Trichlorobenzene	10.522	180	1955557	44.080	ng	99
31) Naphthalene	10.710	128	5266045	43.568	ng	100
32) Benzoic acid	9.975	122	1098509	49.383	ng	97
33) 4-Chloroaniline	10.810	127	680711	13.322	ng	98
34) Hexachlorobutadiene	11.004	225	1208237	44.623	ng	99
35) Caprolactam	11.592	113	497947m	49.187	ng	
36) 4-Chloro-3-methylphenol	11.933	107	1686101	48.689	ng	99
37) 2-Methylnaphthalene	12.321	142	3484244	45.655	ng	99
38) 1-Methylnaphthalene	12.539	142	3649174	45.182	ng	100
40) 1,2,4,5-Tetrachloroben...	12.686	216	2314043	47.171	ng	100
41) Hexachlorocyclopentadiene	12.674	237	2892812	92.252	ng	98
43) 2,4,6-Trichlorophenol	12.921	196	1485263	49.186	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050395.D
Acq On : 10 Jul 2025 18:38
Operator : RC/JU
Sample : Q2543-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Quant Time: Jul 11 01:56:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

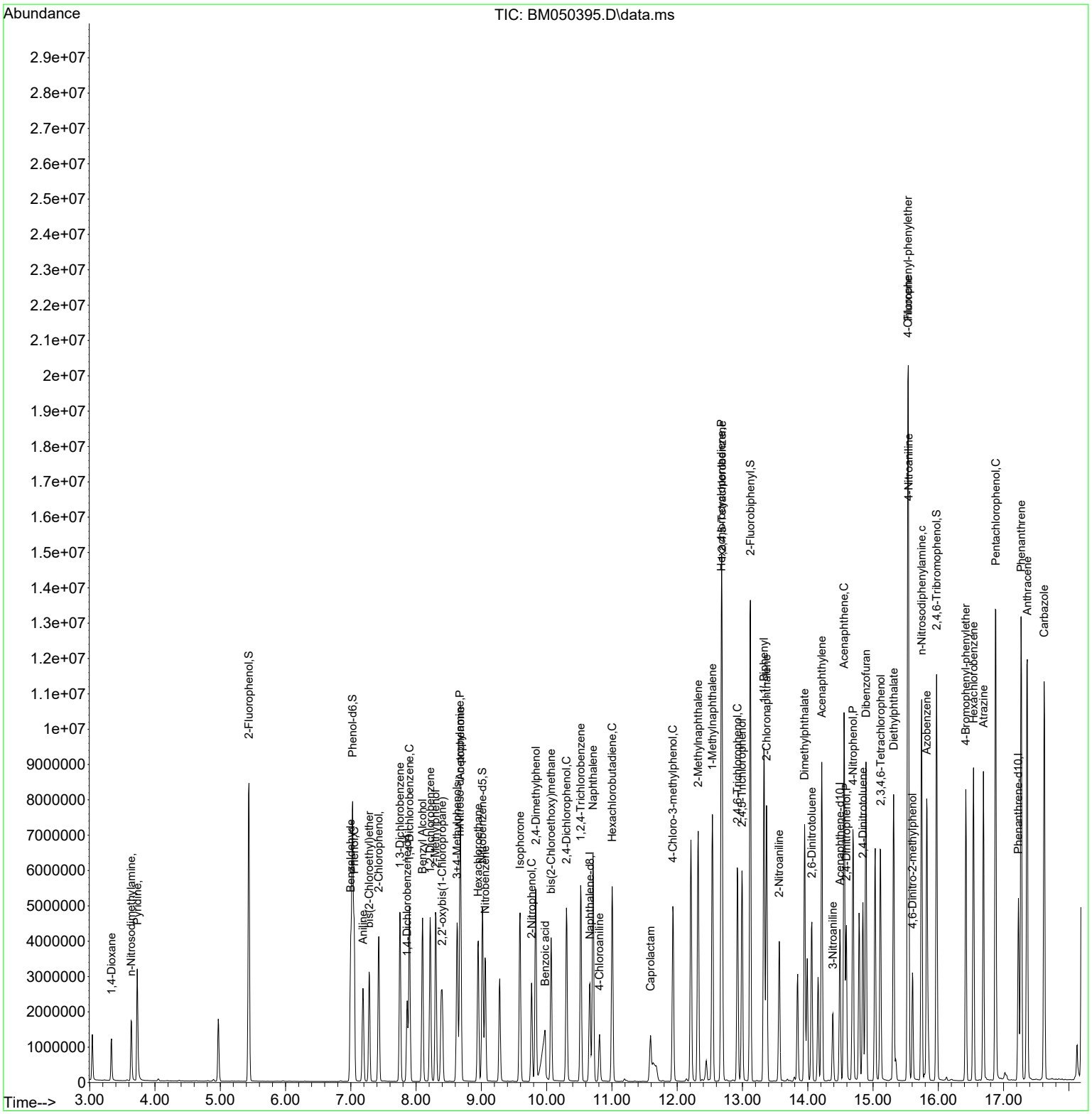
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1624980	49.274	ng		98
46) 1,1'-Biphenyl	13.327	154	5092784	44.497	ng		99
47) 2-Chloronaphthalene	13.368	162	4000217	43.836	ng		99
48) 2-Nitroaniline	13.563	65	1015057	49.834	ng		98
49) Acenaphthylene	14.215	152	6378247	46.249	ng		99
50) Dimethylphthalate	13.951	163	4866350	45.820	ng		100
51) 2,6-Dinitrotoluene	14.063	165	1010477	49.553	ng		97
52) Acenaphthene	14.557	154	4242623	48.388	ng		100
53) 3-Nitroaniline	14.386	138	477830	22.033	ng		98
54) 2,4-Dinitrophenol	14.592	184	930266	82.459	ng	#	83
55) Dibenzofuran	14.892	168	6007916	44.472	ng		100
56) 4-Nitrophenol	14.692	139	1906631	102.234	ng		94
57) 2,4-Dinitrotoluene	14.845	165	1446928	47.433	ng		98
58) Fluorene	15.539	166	5172898	46.488	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.115	232	1388092	50.001	ng		98
60) Diethylphthalate	15.315	149	4816028	47.471	ng		100
61) 4-Chlorophenyl-phenyle...	15.533	204	2746868	47.210	ng		97
62) 4-Nitroaniline	15.545	138	1062082	42.890	ng		98
63) Azobenzene	15.821	77	4609427	49.480	ng		99
65) 4,6-Dinitro-2-methylph...	15.604	198	672374	42.145	ng		97
66) n-Nitrosodiphenylamine	15.745	169	4328727	45.646	ng		100
67) 4-Bromophenyl-phenylether	16.421	248	1611633	48.266	ng		99
68) Hexachlorobenzene	16.539	284	1853729	47.005	ng		96
69) Atrazine	16.692	200	1575006	50.578	ng		99
70) Pentachlorophenol	16.880	266	2531445	103.115	ng		99
71) Phenanthrene	17.268	178	7893716	46.030	ng		100
72) Anthracene	17.362	178	7972053	46.702	ng		100
73) Carbazole	17.621	167	7166463	46.399	ng		100
74) Di-n-butylphthalate	18.198	149	8623521	51.010	ng		99
75) Fluoranthene	19.274	202	10111811	54.240	ng		98
77) Benzidine	19.456	184	5129845	73.896	ng		100
78) Pyrene	19.639	202	10318458	59.196	ng		100
80) Butylbenzylphthalate	20.533	149	3494907	60.807	ng		98
81) Benzo(a)anthracene	21.439	228	8886526	50.112	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	1362474	22.783	ng		99
83) Chrysene	21.497	228	8086730	48.347	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	5199116	56.983	ng		97
85) Di-n-octyl phthalate	22.521	149	7702876	53.903	ng		98
87) Indeno(1,2,3-cd)pyrene	27.932	276	7265894	47.132	ng		99
88) Benzo(b)fluoranthene	23.538	252	7190910	53.918	ng		100
89) Benzo(k)fluoranthene	23.597	252	6756670	48.824	ng		100
90) Benzo(a)pyrene	24.350	252	6454923	51.703	ng		100
91) Dibenzo(a,h)anthracene	27.991	278	5845382	45.023	ng		99
92) Benzo(g,h,i)perylene	29.009	276	5771405	47.035	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050395.D
Acq On : 10 Jul 2025 18:38
Operator : RC/JU
Sample : Q2543-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49MS

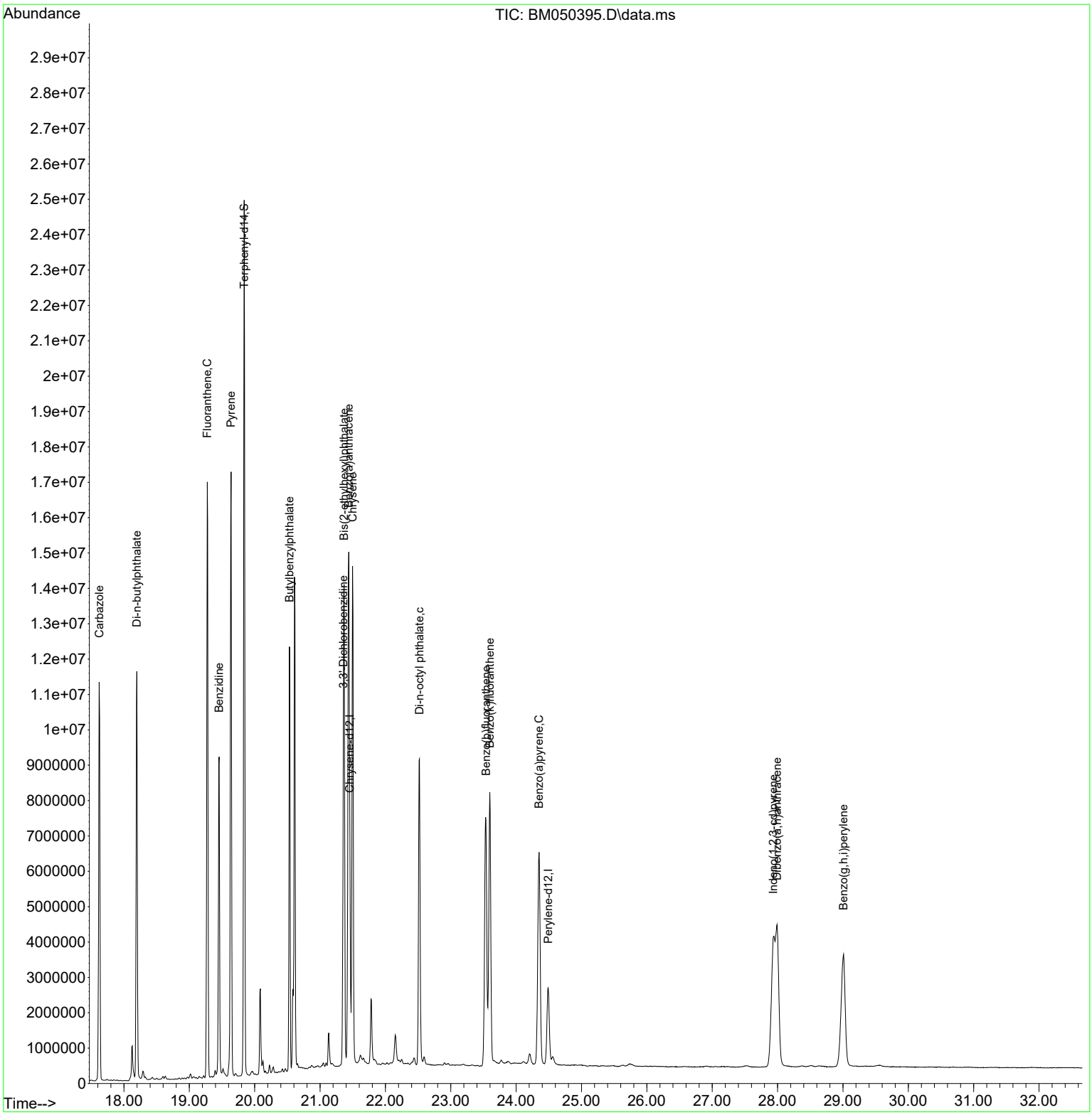
Quant Time: Jul 11 01:56:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

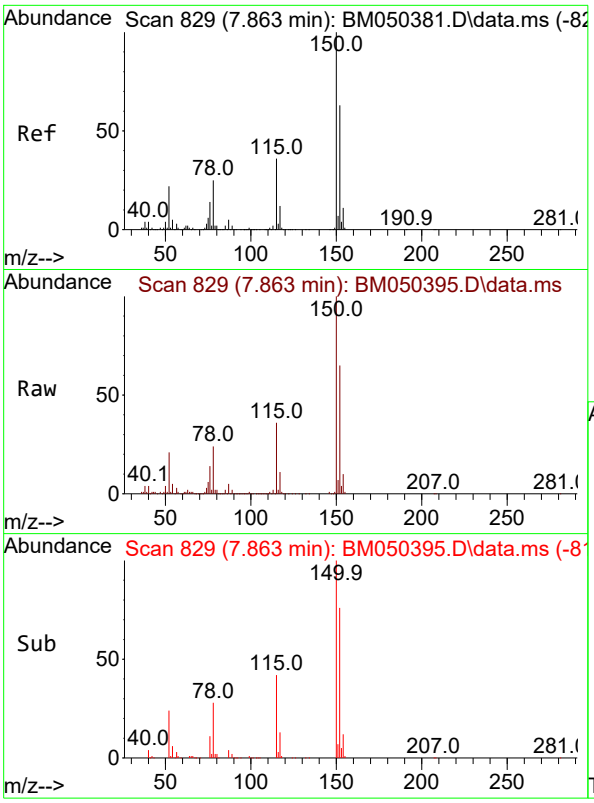


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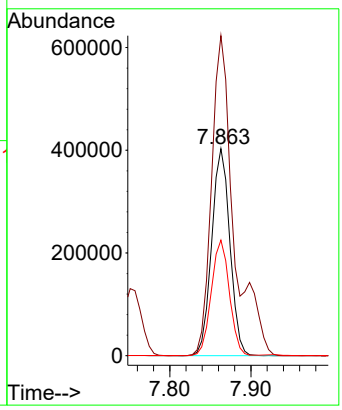


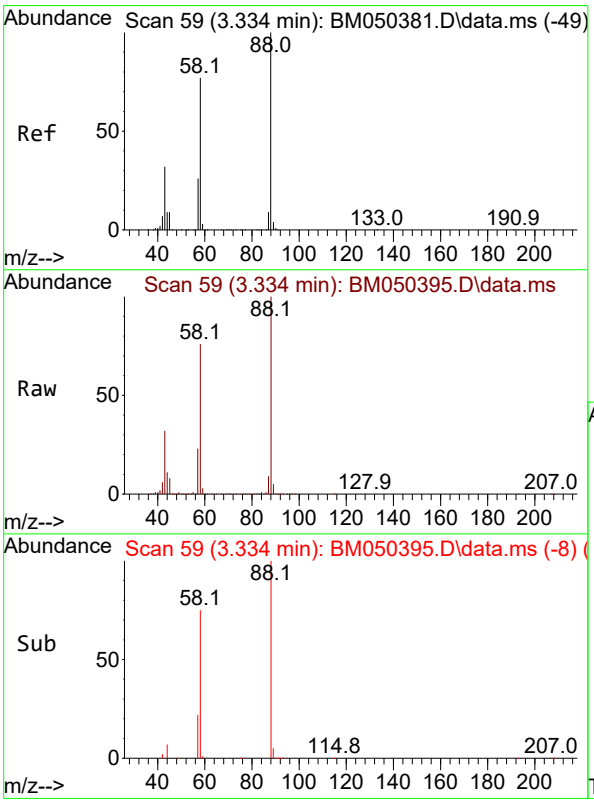
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:152 Resp: 627832

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.4
115	55.8	45.8	68.8

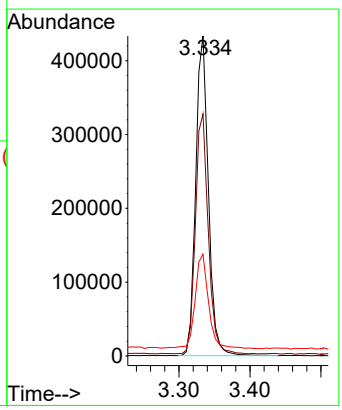


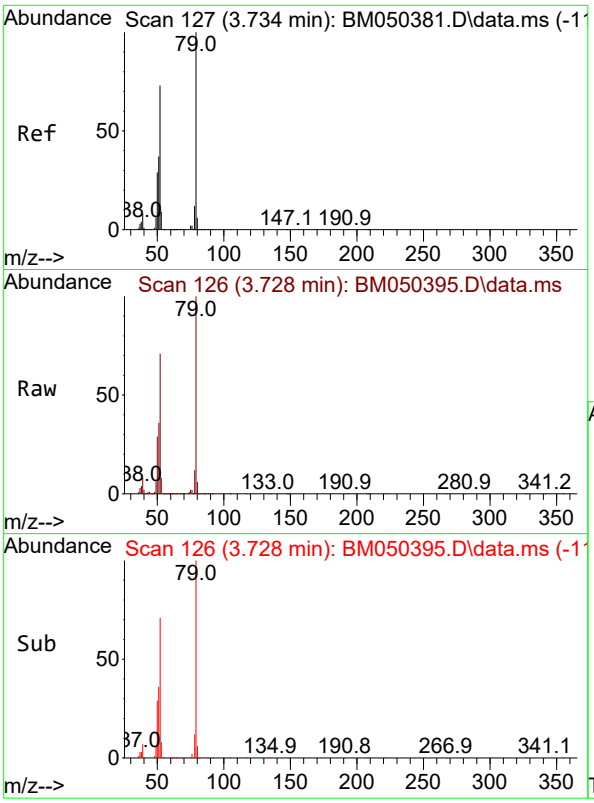


#2
1,4-Dioxane
Concen: 35.836 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 88 Resp: 537480

Ion	Ratio	Lower	Upper
88	100		
58	76.2	61.0	91.6
43	31.6	24.6	37.0



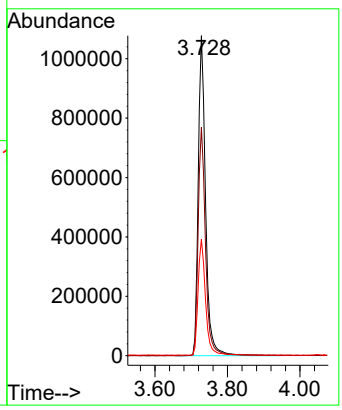


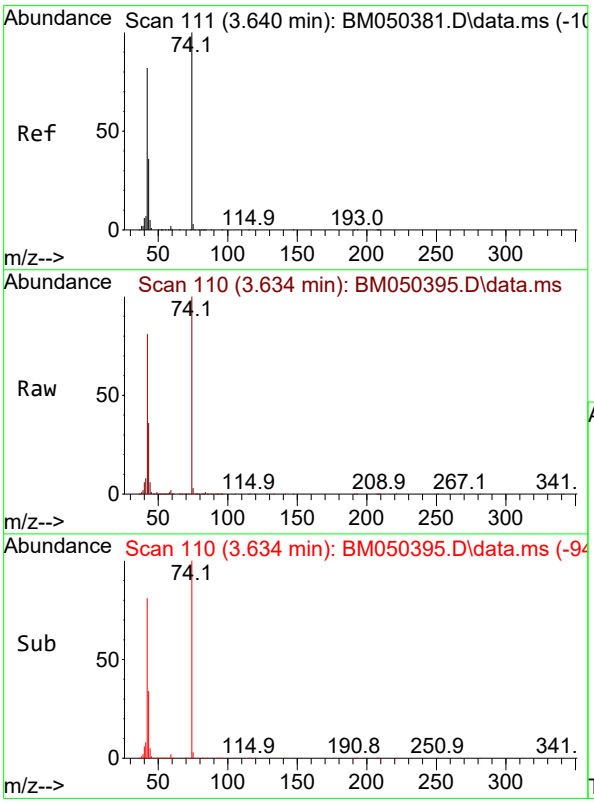
#3
Pyridine
Concen: 38.369 ng
RT: 3.728 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion: 79 Resp: 1510802

Ion	Ratio	Lower	Upper
79	100		
52	71.4	58.3	87.5
51	36.4	29.6	44.4

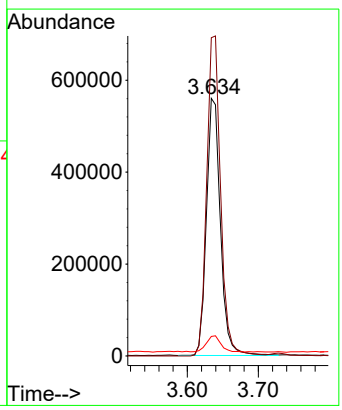


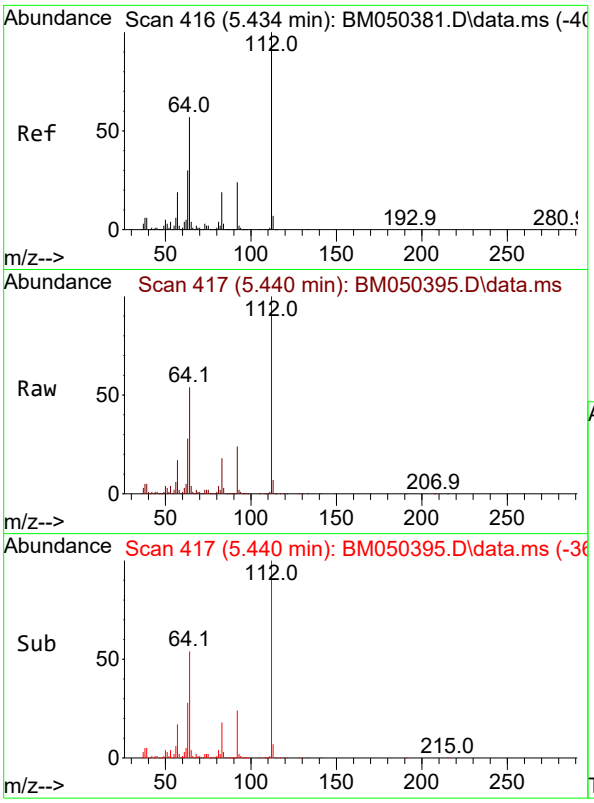


#4
n-Nitrosodimethylamine
Concen: 41.718 ng
RT: 3.634 min Scan# 110
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 42 Resp: 765803

Ion	Ratio	Lower	Upper
42	100		
74	123.6	97.5	146.3
44	7.6	5.7	8.5



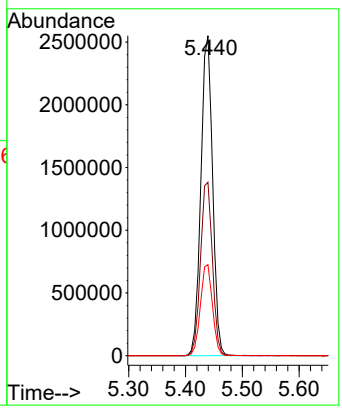


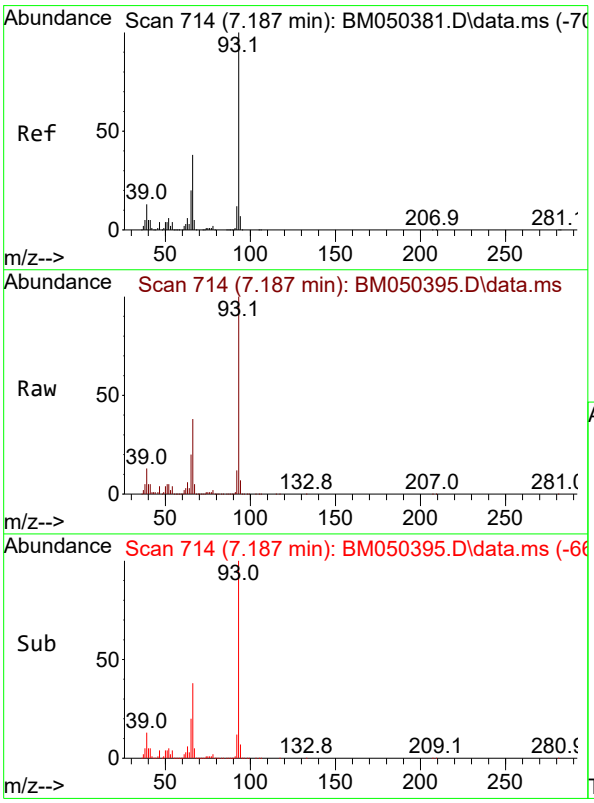
#5
2-Fluorophenol
Concen: 100.144 ng
RT: 5.440 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:112 Resp: 3652651

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.5	68.3
63	28.4	24.2	36.4

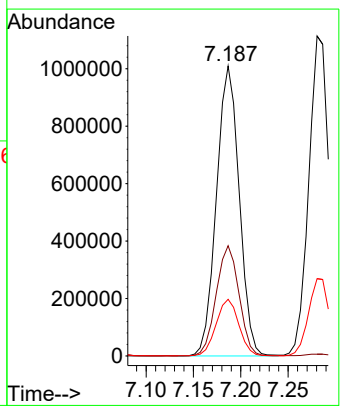


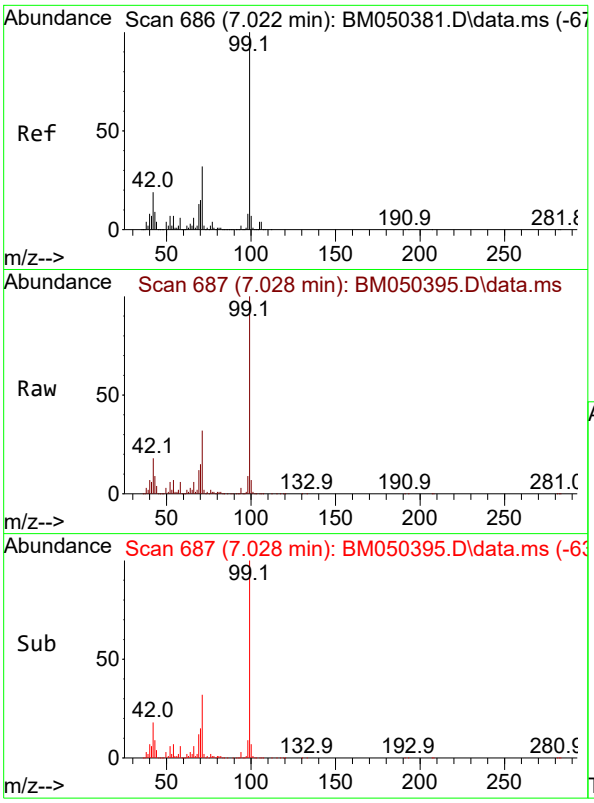


#6
Aniline
Concen: 28.613 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 93 Resp: 1688343

Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.5	45.7
65	19.5	15.9	23.9



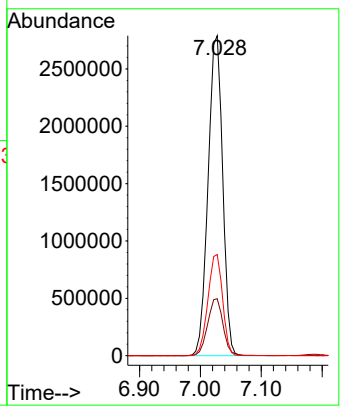


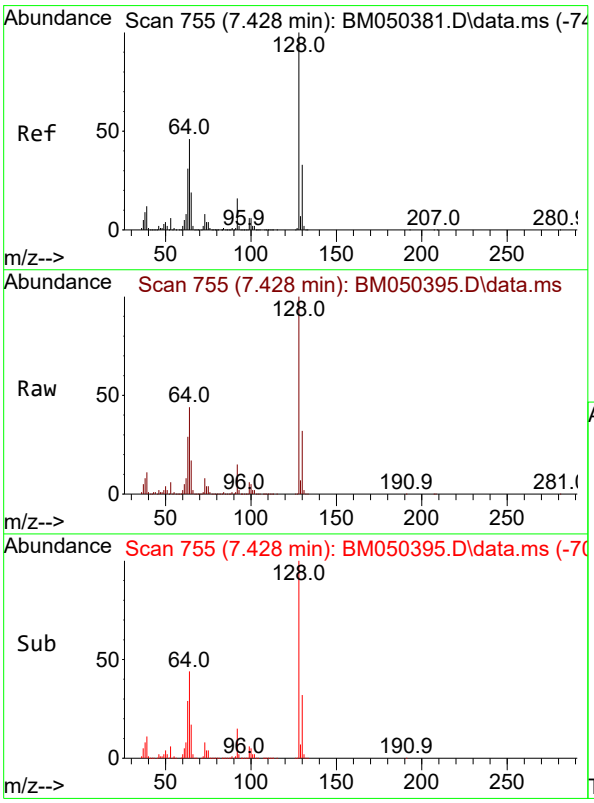
#7
Phenol-d6
Concen: 101.022 ng
RT: 7.028 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion: 99 Resp: 4644938

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.6
71	31.6	25.9	38.9

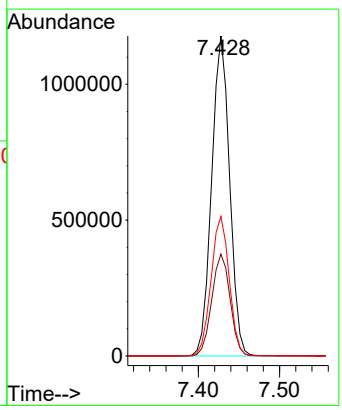


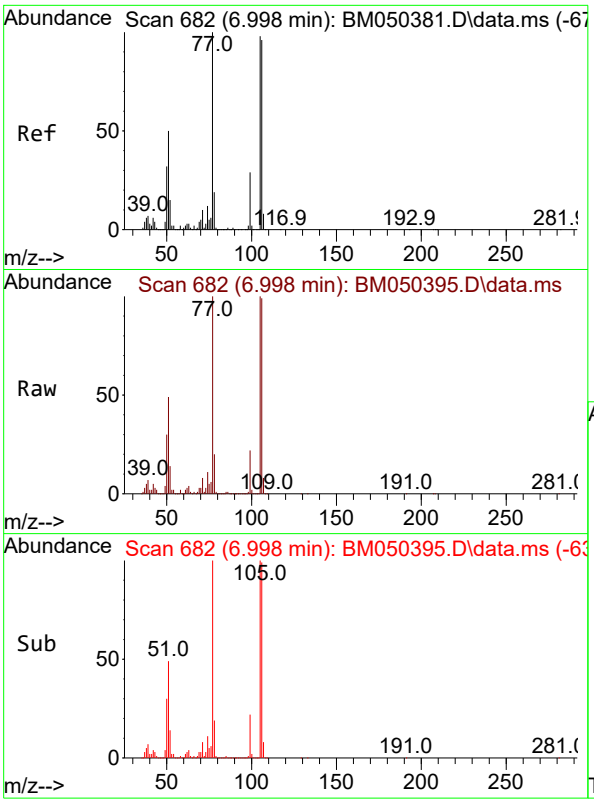


#8
2-Chlorophenol
Concen: 47.075 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:128 Resp: 1810510

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.3	53.3
64	43.6	25.6	65.6



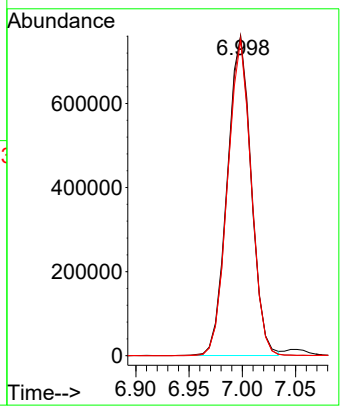


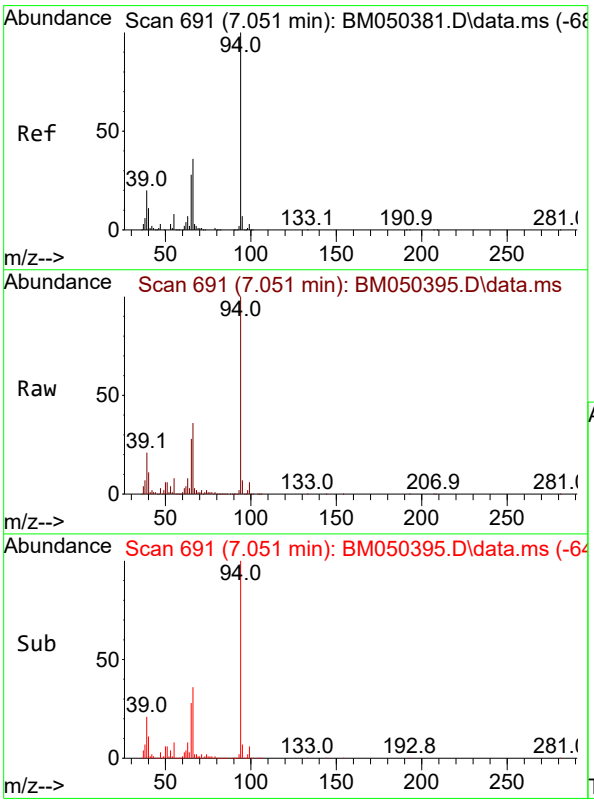
#9
Benzaldehyde
Concen: 43.374 ng
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion: 77 Resp: 1186335

Ion	Ratio	Lower	Upper
77	100		
105	100.2	78.4	118.4
106	98.8	76.3	116.3

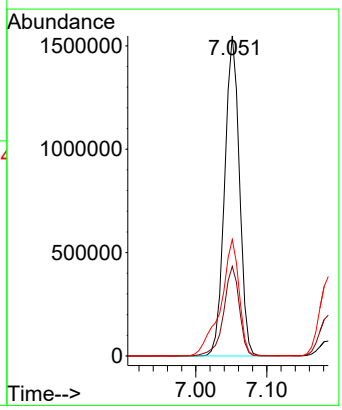


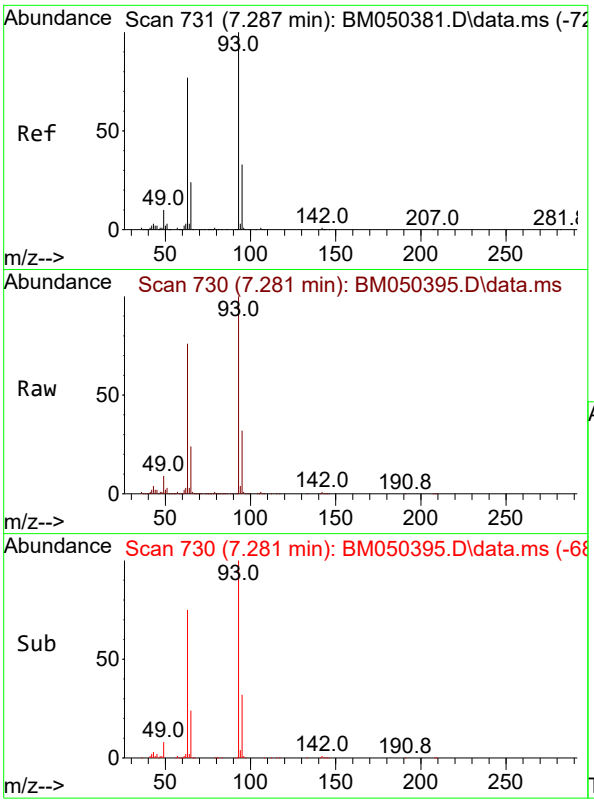


#10
Phenol
Concen: 46.496 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 94 Resp: 2229781

Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.1	48.1
66	36.4	15.8	55.8



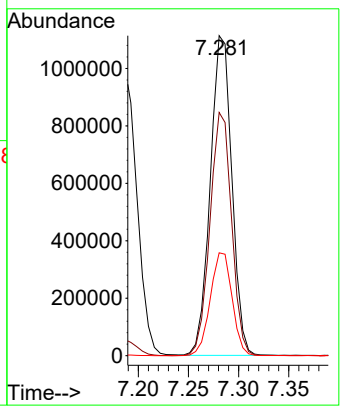


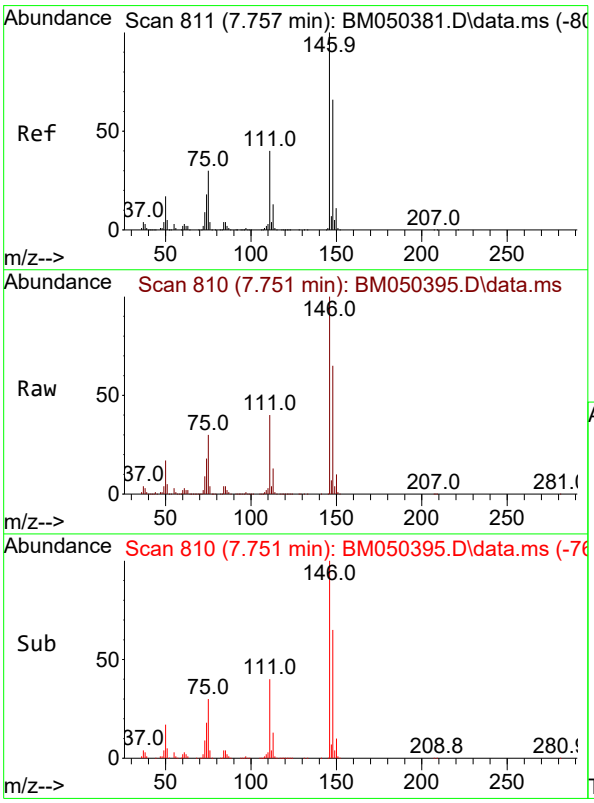
#11
bis(2-Chloroethyl)ether
Concen: 43.360 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion: 93 Resp: 1665276

Ion	Ratio	Lower	Upper
93	100		
63	76.0	56.9	96.9
95	32.2	12.6	52.6

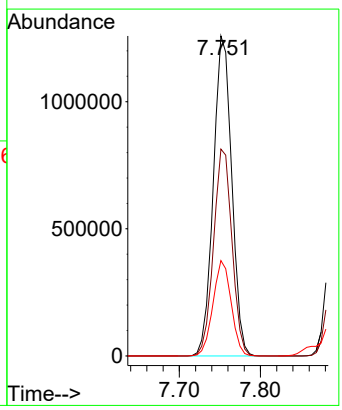


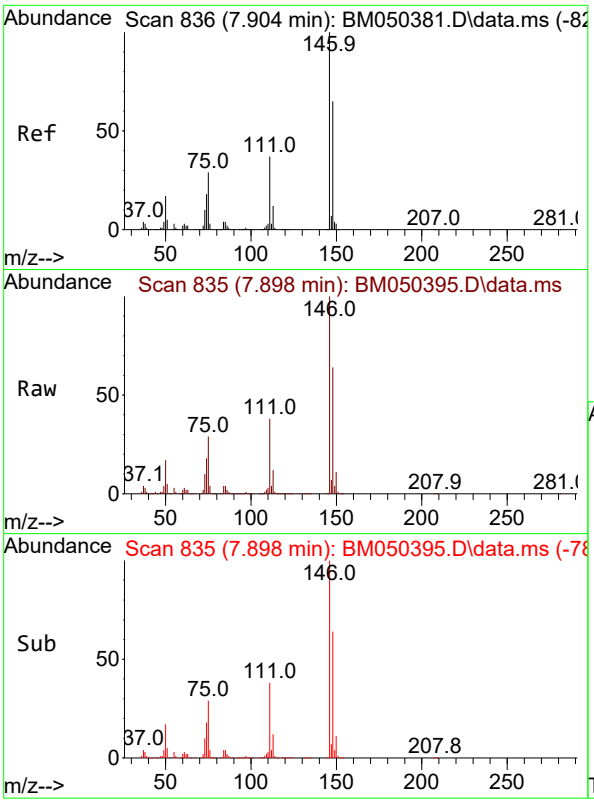


#12
1,3-Dichlorobenzene
Concen: 42.349 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:146 Resp: 1980471

Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.2	79.8
75	29.8	23.9	35.9



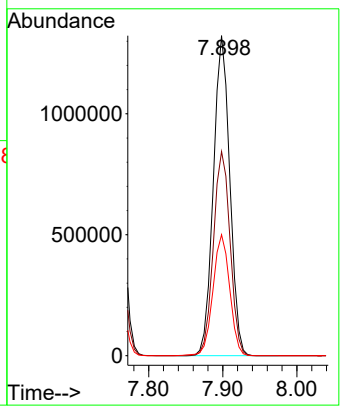


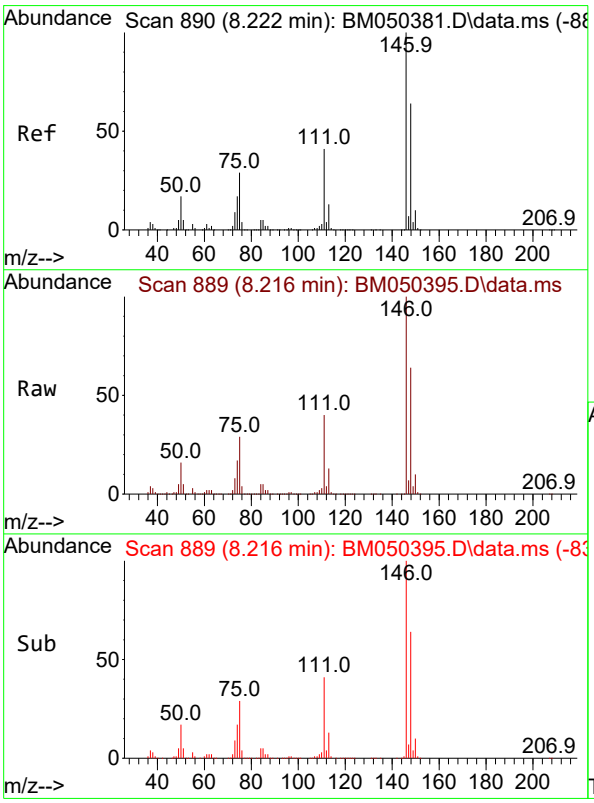
#13
1,4-Dichlorobenzene
Concen: 42.571 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:146 Resp: 2032867

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
111	37.8	30.0	45.0

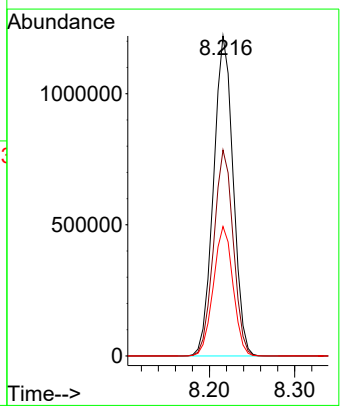


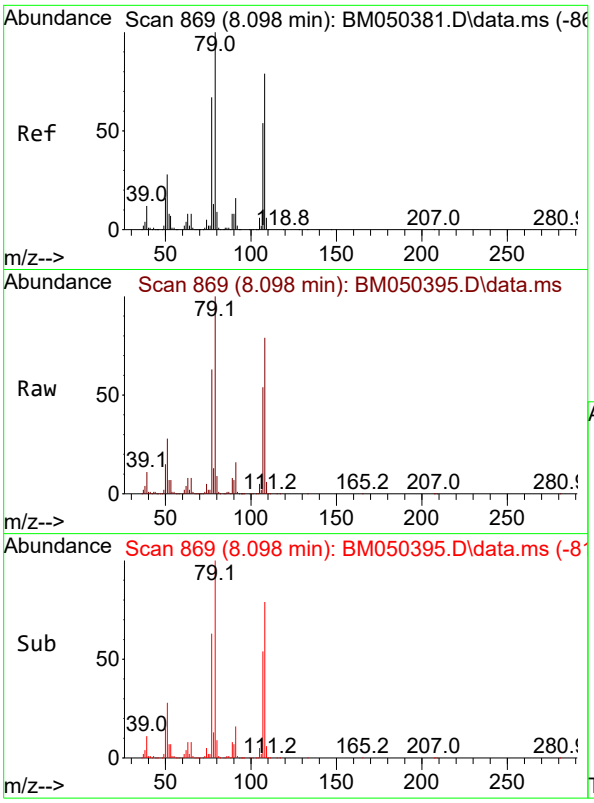


#14
1,2-Dichlorobenzene
Concen: 42.737 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:146 Resp: 1953818

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	40.4	32.6	49.0



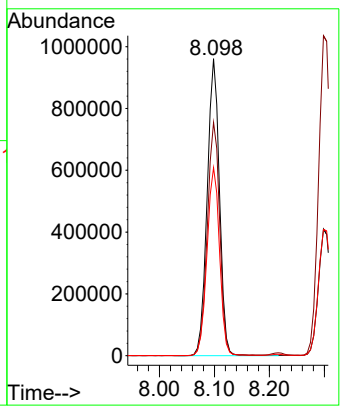


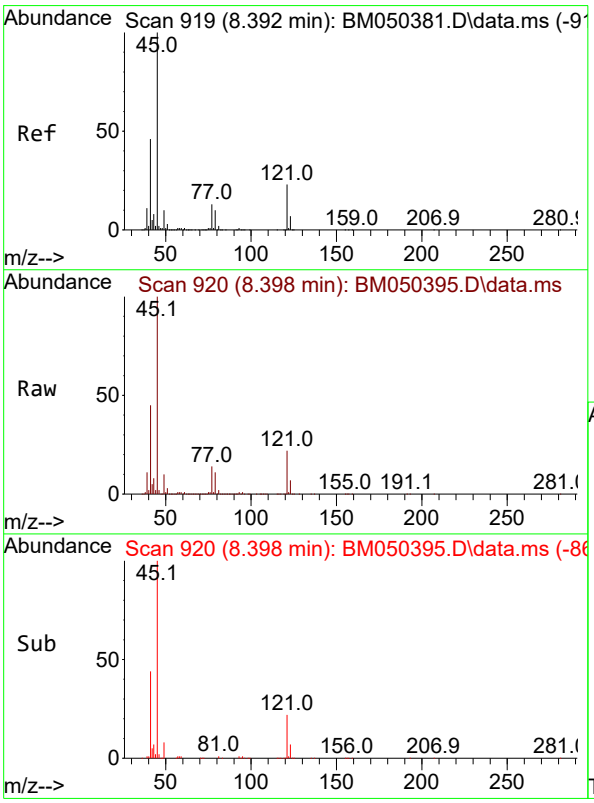
#15
Benzyl Alcohol
Concen: 45.869 ng
RT: 8.098 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion: 79 Resp: 1486009

Ion	Ratio	Lower	Upper
79	100		
108	78.5	63.0	94.4
77	63.3	53.4	80.0

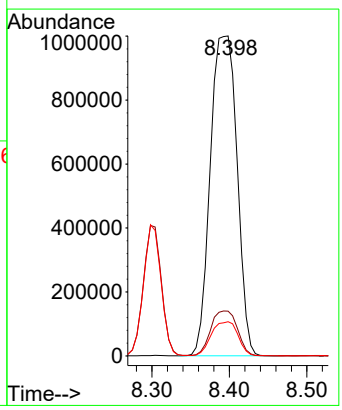


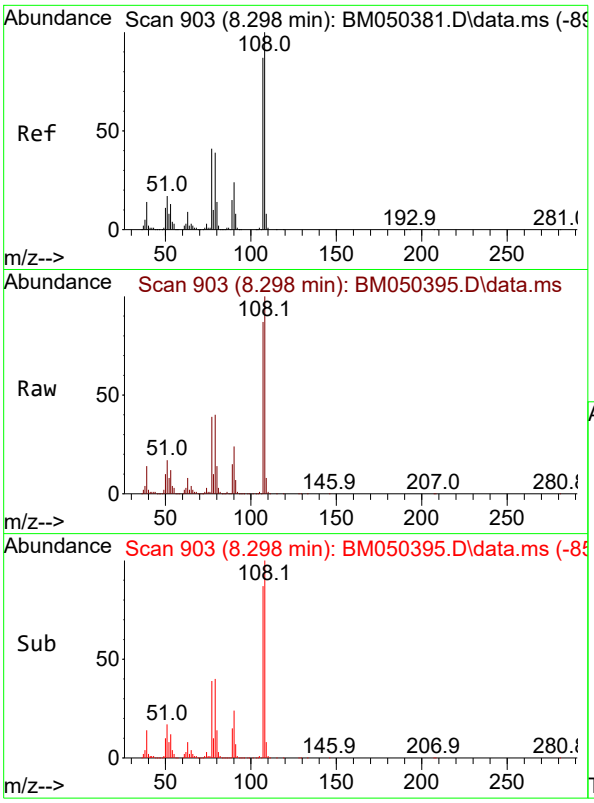


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.458 ng
RT: 8.398 min Scan# 920
Delta R.T. 0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 45 Resp: 2401924

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.5
79	10.7	0.0	30.3



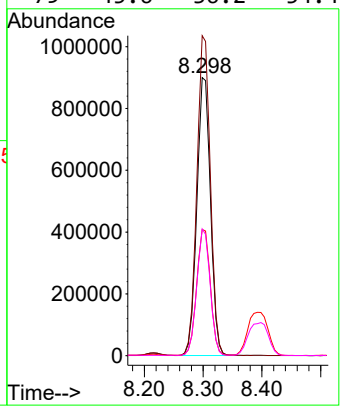


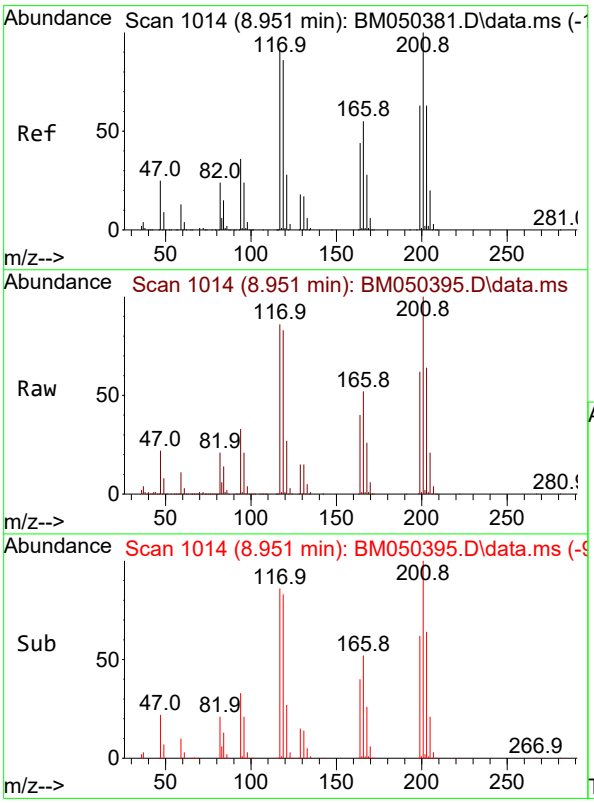
#17
2-Methylphenol
Concen: 46.510 ng
RT: 8.298 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:107 Resp: 1446655

Ion	Ratio	Lower	Upper
107	100		
108	115.1	92.1	138.1
77	45.4	38.2	57.4
79	45.6	36.2	54.4

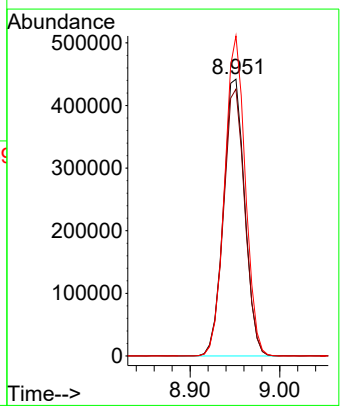


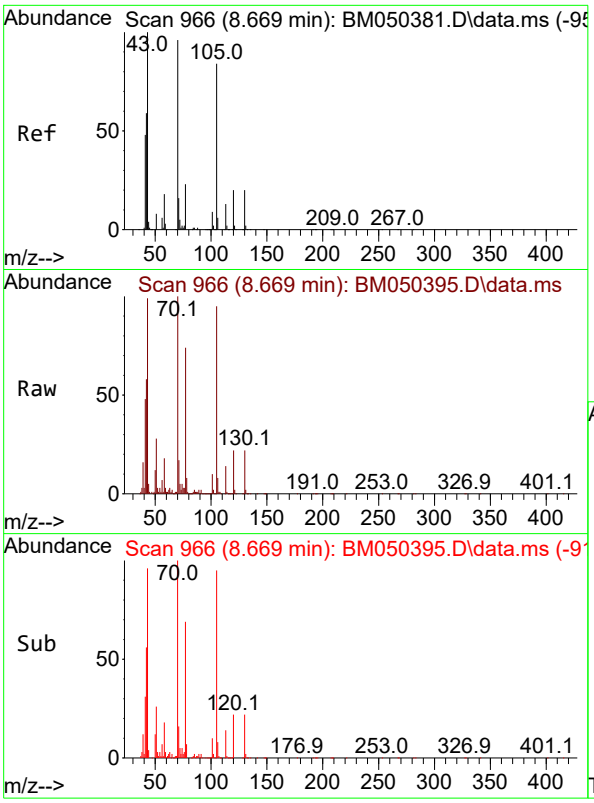


#18
Hexachloroethane
Concen: 43.330 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:117 Resp: 727697

Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.6	113.4
201	115.6	87.9	131.9



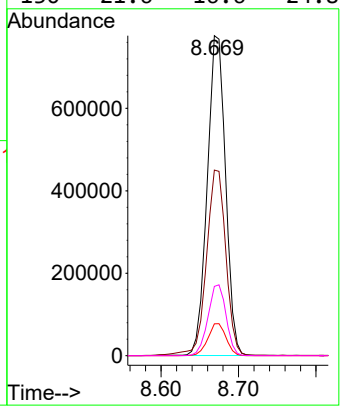


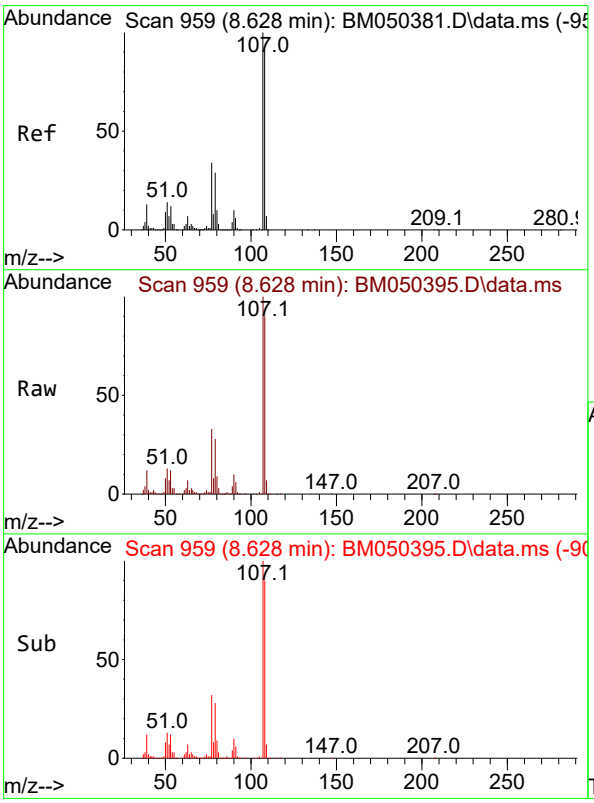
#19
n-Nitroso-di-n-propylamine
Concen: 45.665 ng
RT: 8.669 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion: 70 Resp: 1271949

Ion	Ratio	Lower	Upper
70	100		
42	58.0	49.7	74.5
101	9.9	7.7	11.5
130	21.6	16.6	24.8

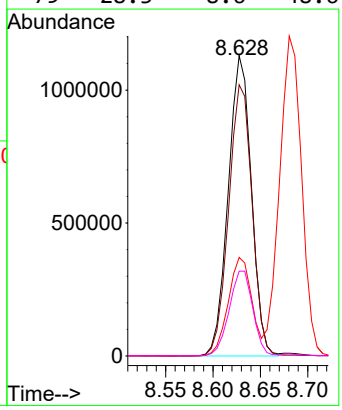


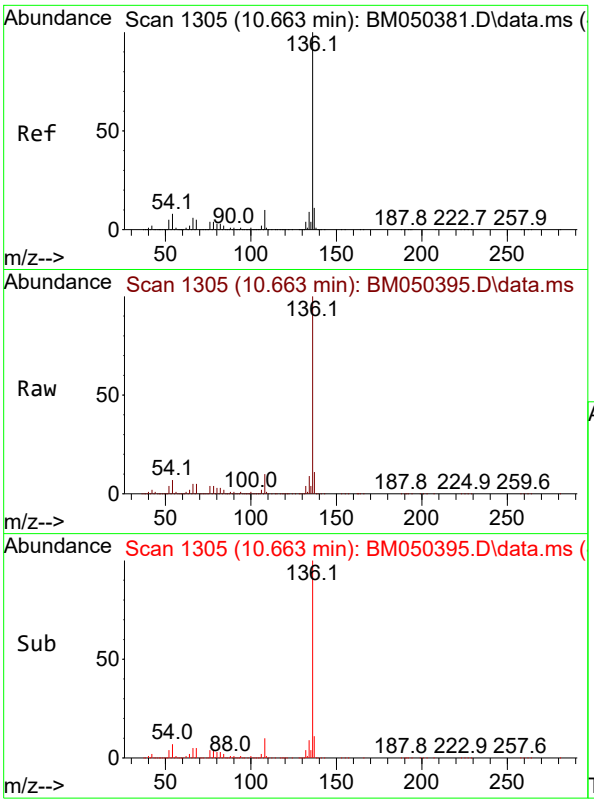


#20
3+4-Methylphenols
Concen: 45.932 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:107 Resp: 1917878

Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.5	111.5
77	32.8	13.7	53.7
79	28.3	8.6	48.6



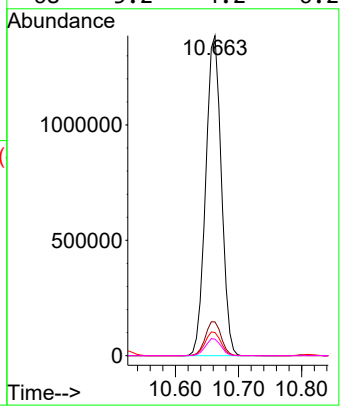


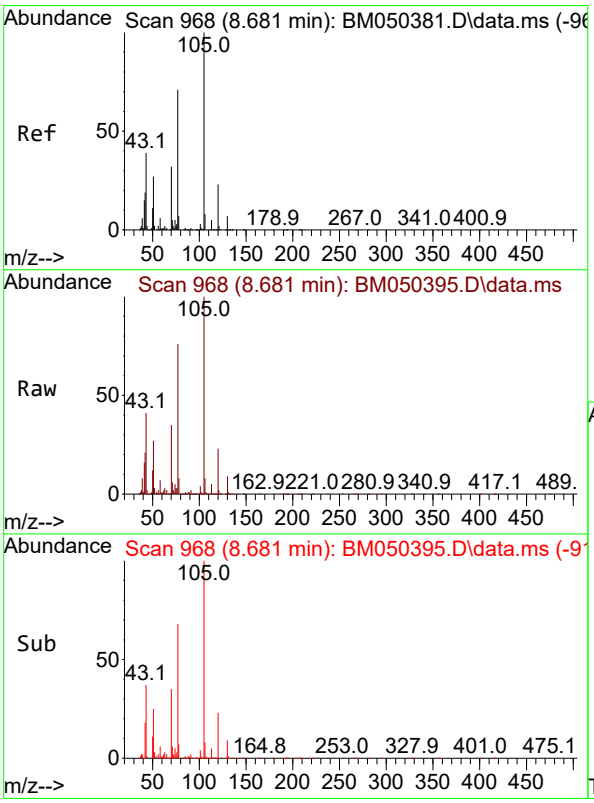
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:136 Resp: 2379650

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.3	6.3	9.5
68	5.2	4.2	6.2

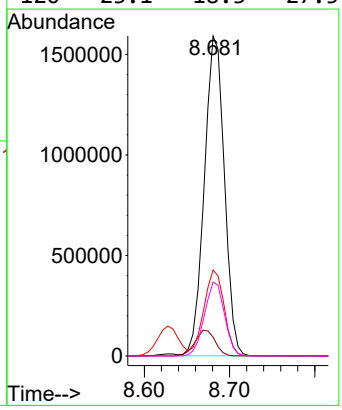


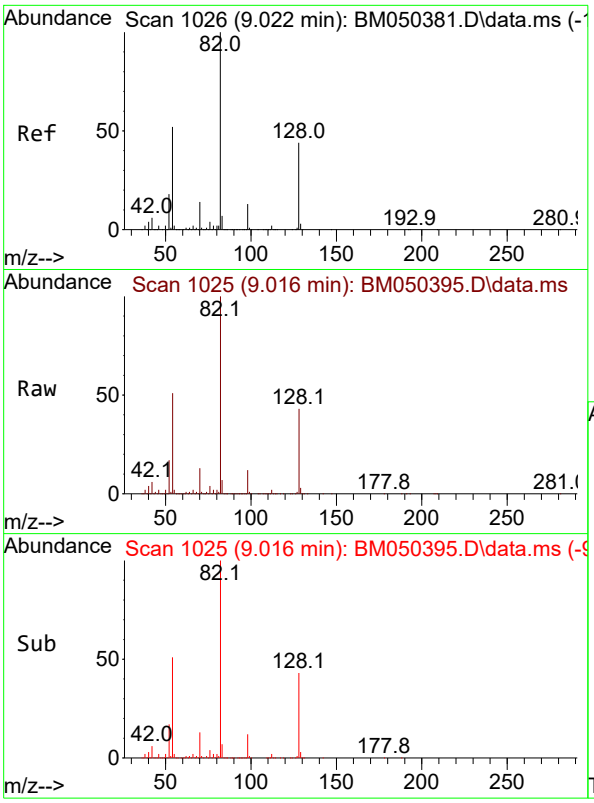


#22
Acetophenone
Concen: 43.763 ng
RT: 8.681 min Scan# 968
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:105 Resp: 2603803

Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.4	6.6
51	26.8	23.0	34.6
120	23.1	18.3	27.5



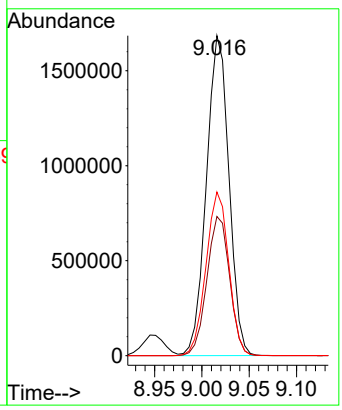


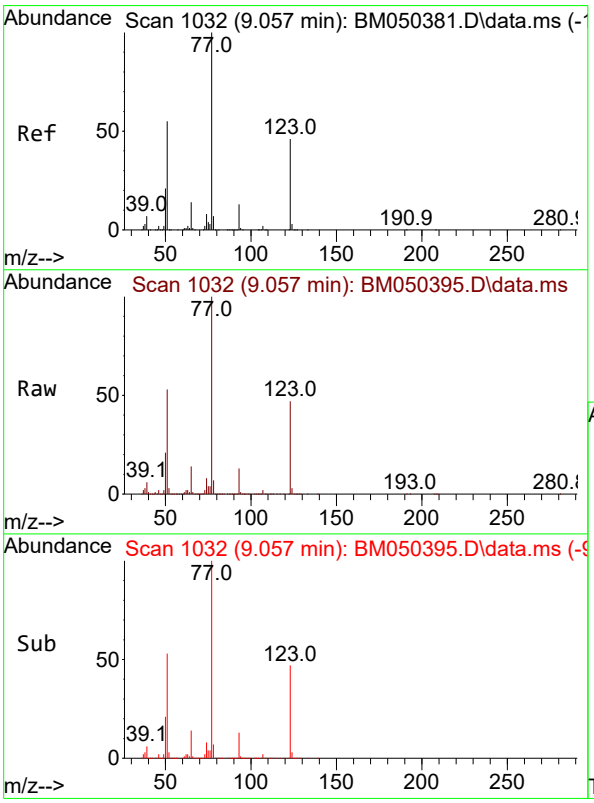
#23
Nitrobenzene-d5
Concen: 59.853 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion: 82 Resp: 2791716

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.2	52.8
54	51.1	41.5	62.3

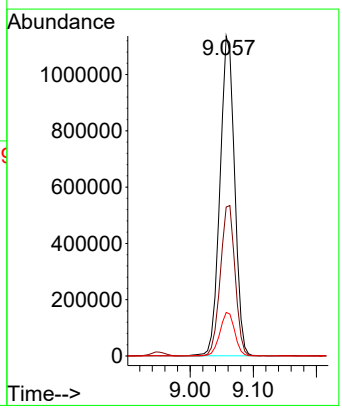


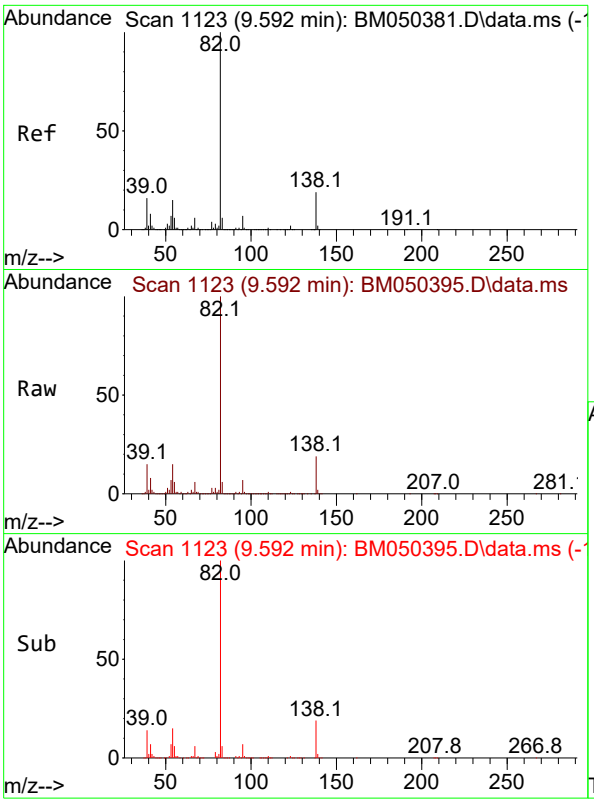


#24
Nitrobenzene
Concen: 43.824 ng
RT: 9.057 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 77 Resp: 1824064

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.0	55.6
65	13.6	11.0	16.4



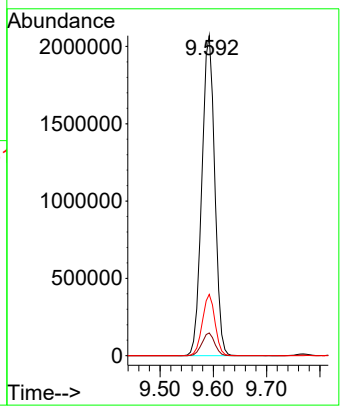


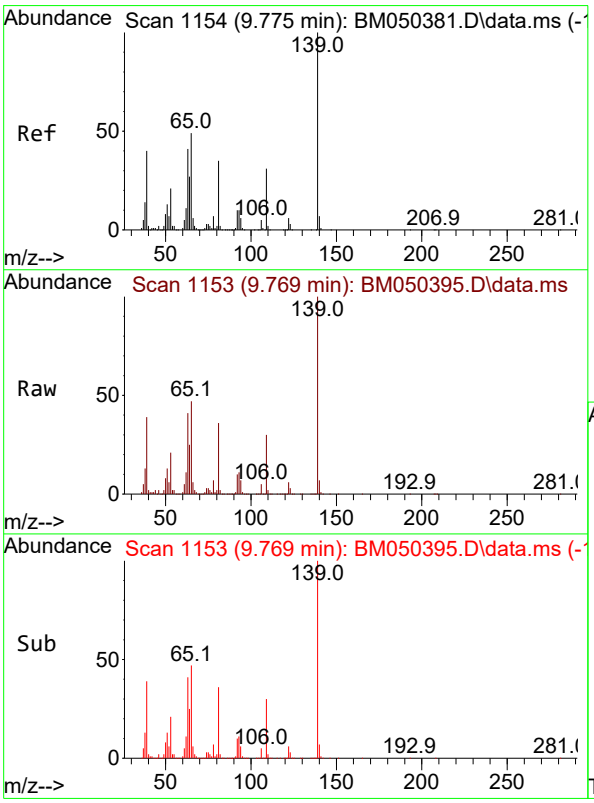
#25
Isophorone
Concen: 45.838 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion: 82 Resp: 3469303

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.1	15.3	22.9

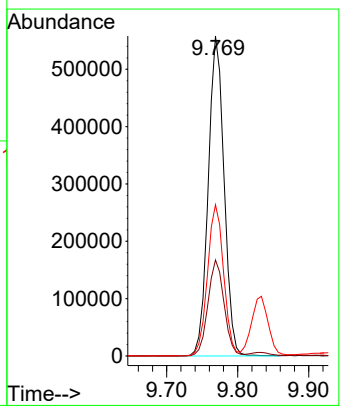


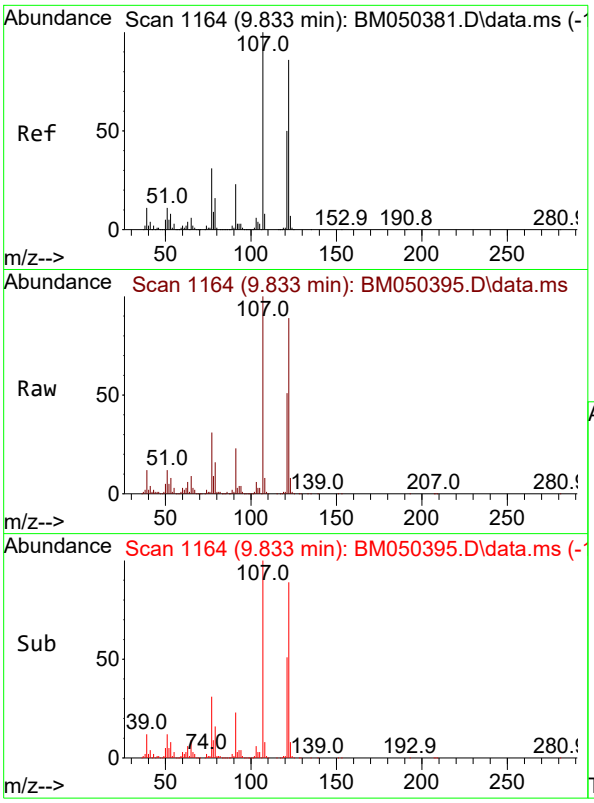


#26
2-Nitrophenol
Concen: 50.923 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:139 Resp: 863845

Ion	Ratio	Lower	Upper
139	100		
109	30.0	24.6	36.8
65	47.2	39.2	58.8



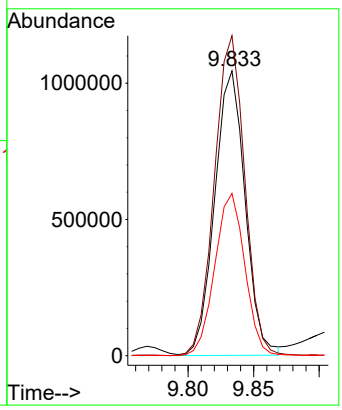


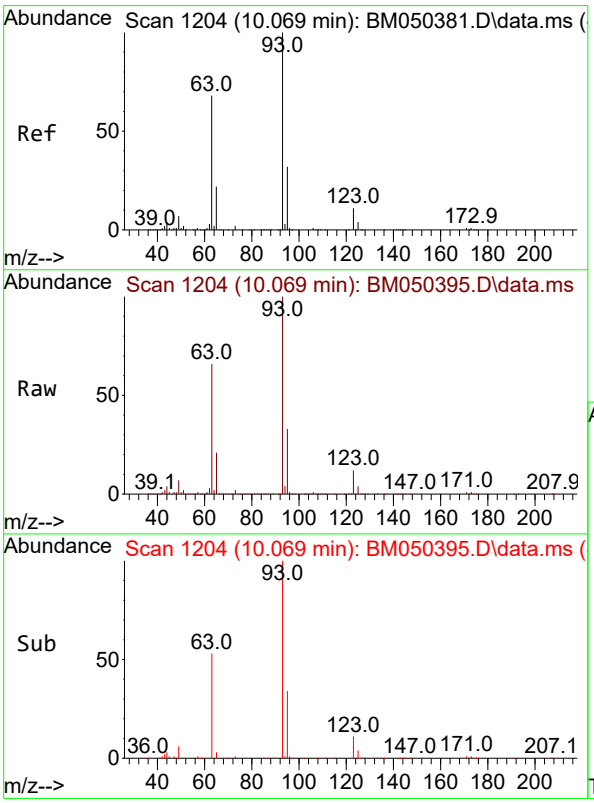
#27
2,4-Dimethylphenol
Concen: 46.663 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:122 Resp: 1684393

Ion	Ratio	Lower	Upper
122	100		
107	112.4	93.0	139.6
121	57.0	46.1	69.1

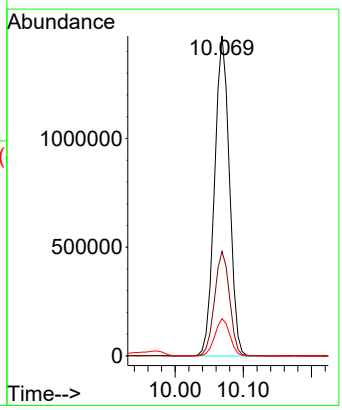


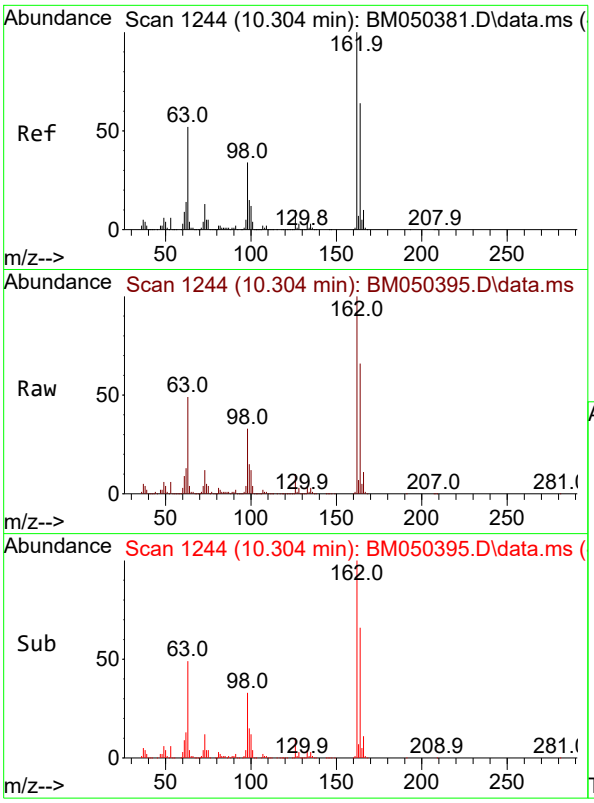


#28
bis(2-Chloroethoxy)methane
Concen: 44.456 ng
RT: 10.069 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 93 Resp: 2229548

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	11.7	9.1	13.7



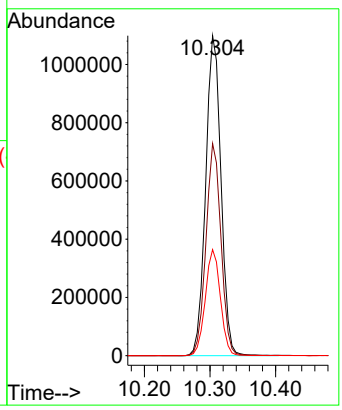


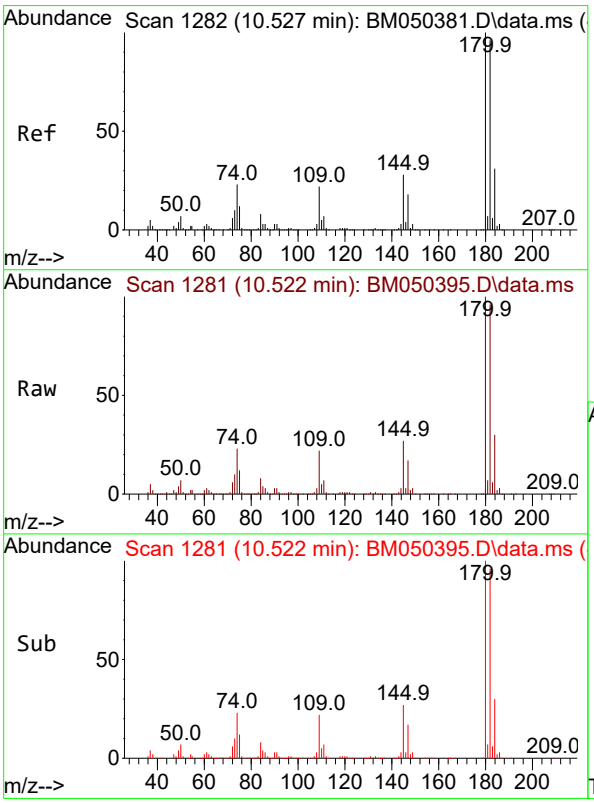
#29
2,4-Dichlorophenol
Concen: 48.118 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:162 Resp: 1784421

Ion	Ratio	Lower	Upper
162	100		
164	66.3	43.7	83.7
98	33.1	13.7	53.7

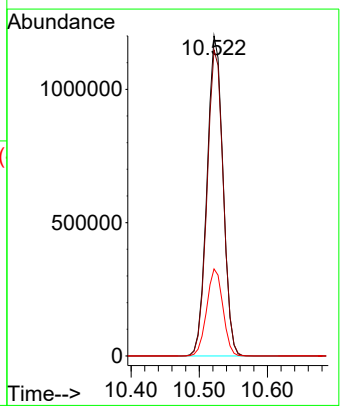


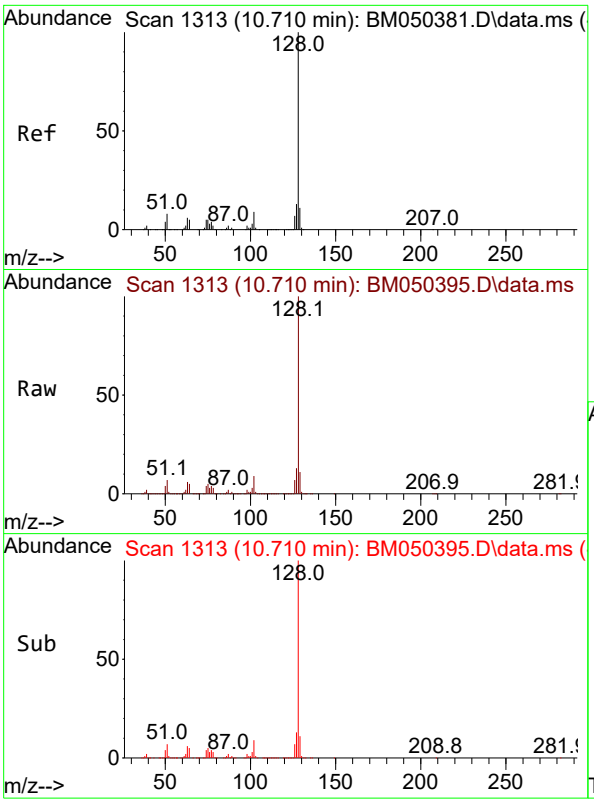


#30
1,2,4-Trichlorobenzene
Concen: 44.080 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:180 Resp: 1955557

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	27.2	22.6	33.8



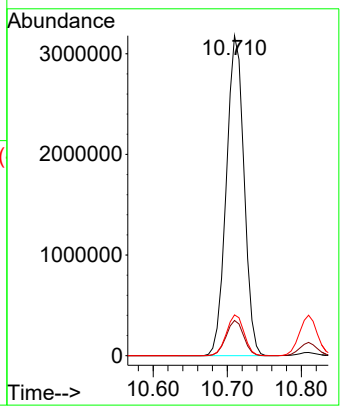


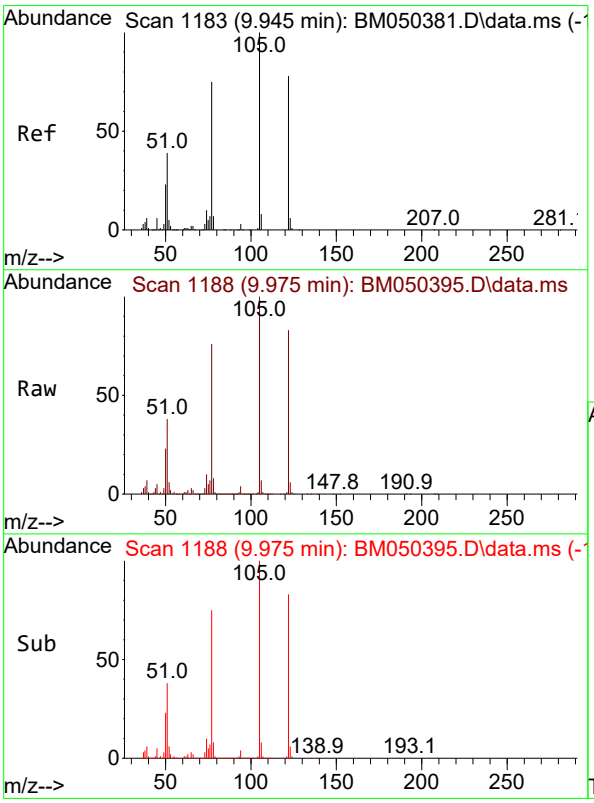
#31
Naphthalene
Concen: 43.568 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:128 Resp: 5266045

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.8	10.4	15.6

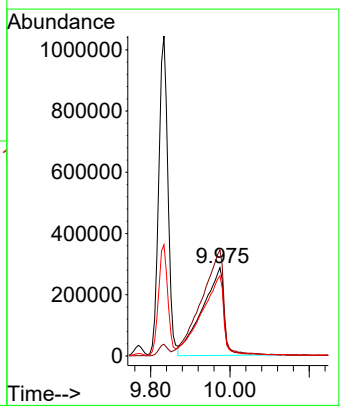


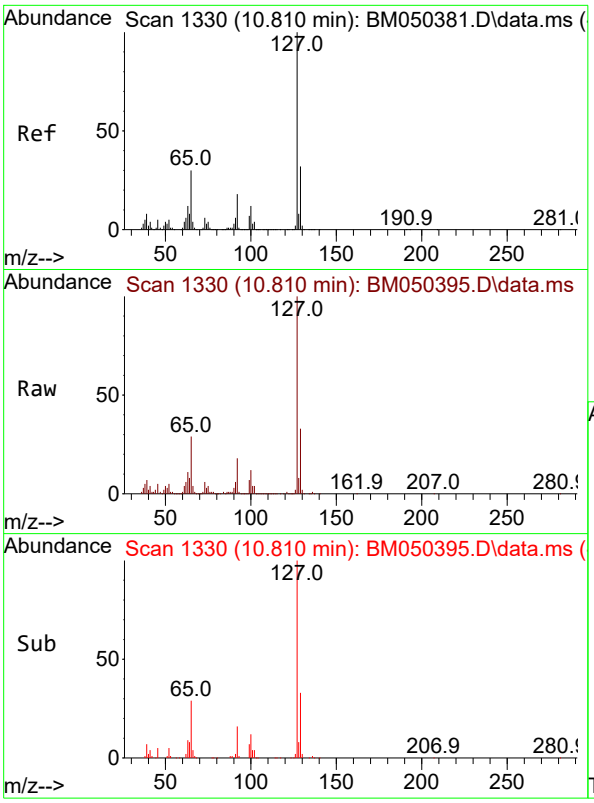


#32
Benzoic acid
Concen: 49.383 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.030 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:122 Resp: 1098509

Ion	Ratio	Lower	Upper
122	100		
105	120.0	104.0	144.0
77	90.8	73.8	113.8



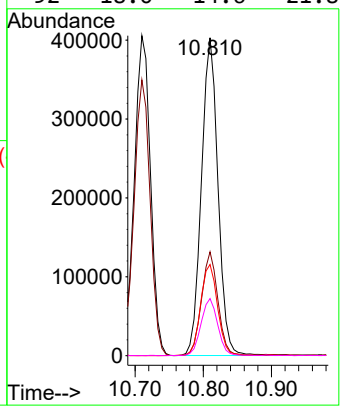


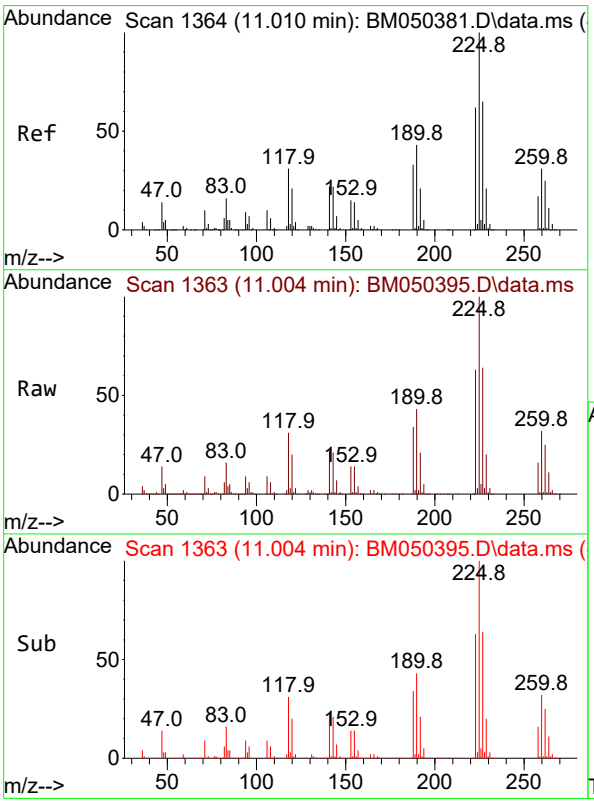
#33
4-Chloroaniline
Concen: 13.322 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:127 Resp: 680711

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.5	38.3
65	28.7	23.9	35.9
92	18.0	14.6	21.8

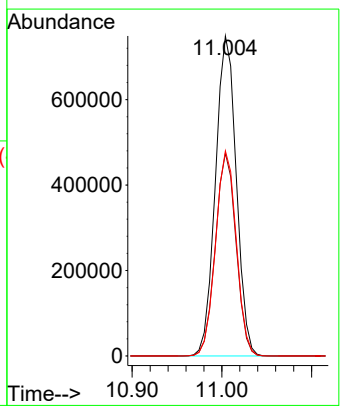


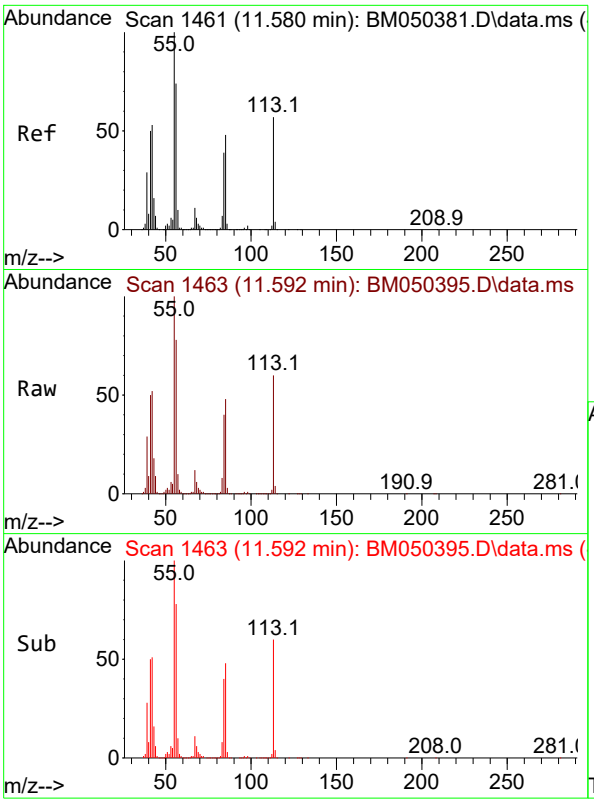


#34
Hexachlorobutadiene
Concen: 44.623 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:225 Resp: 1208237

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	64.1	52.1	78.1



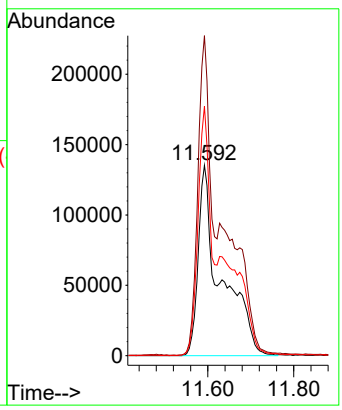


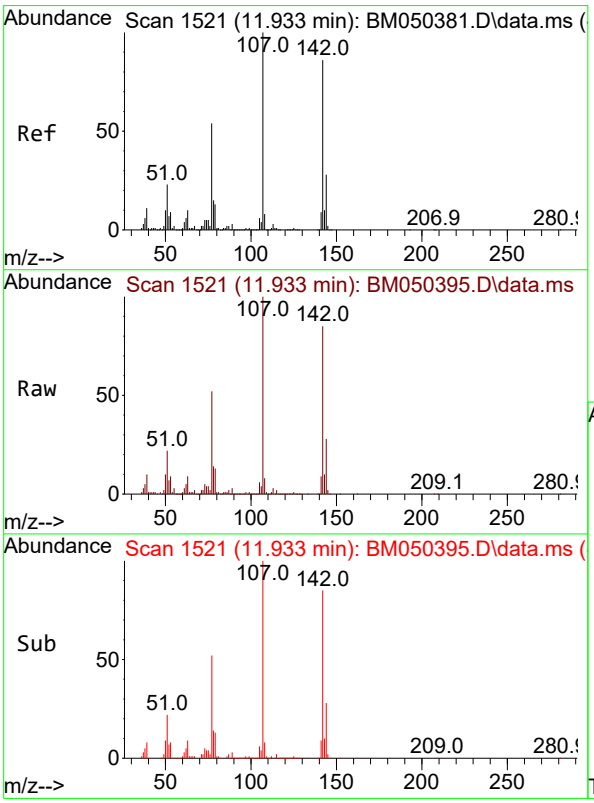
#35
Caprolactam
Concen: 49.187 ng m
RT: 11.592 min Scan# 14
Delta R.T. 0.012 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:113 Resp: 497947

Ion	Ratio	Lower	Upper
113	100		
55	168.0	157.2	197.2
56	130.9	111.7	151.7

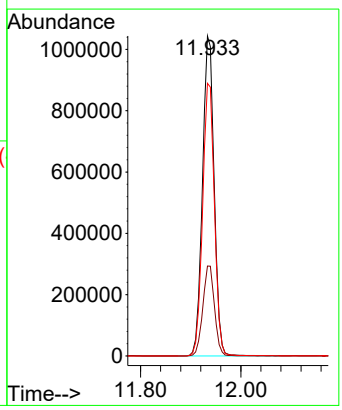


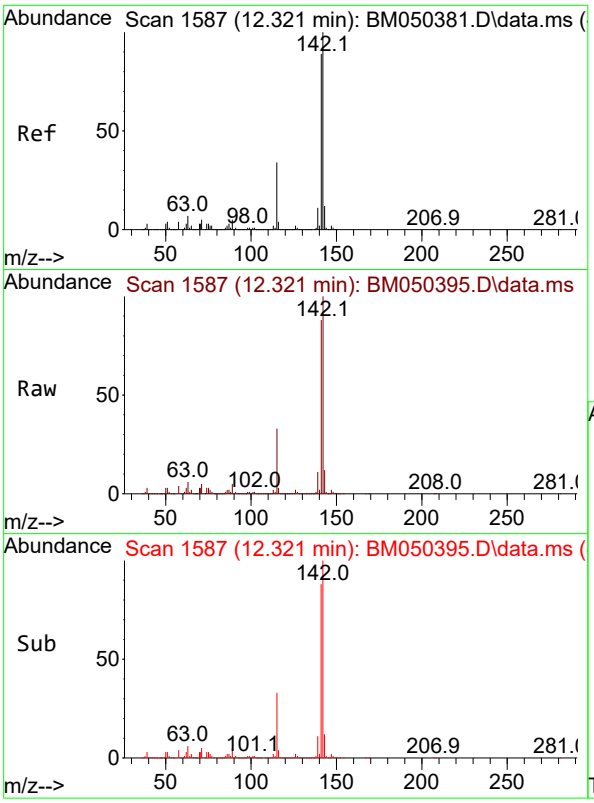


#36
4-Chloro-3-methylphenol
Concen: 48.689 ng
RT: 11.933 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:107 Resp: 1686101

Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.2	33.4
142	85.2	68.7	103.1



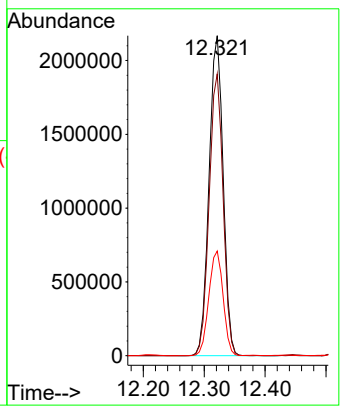


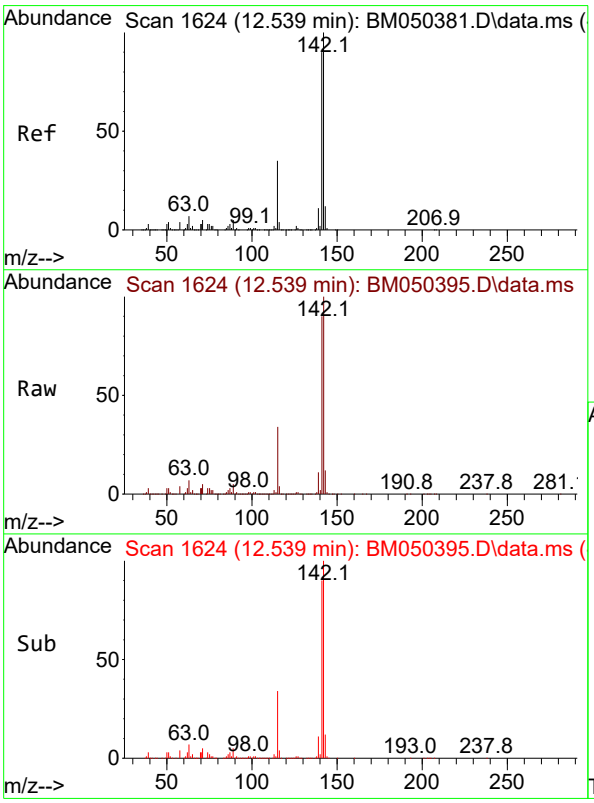
#37
2-Methylnaphthalene
Concen: 45.655 ng
RT: 12.321 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:142 Resp: 3484244

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	32.7	27.0	40.4

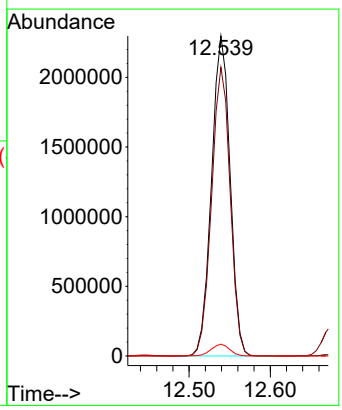


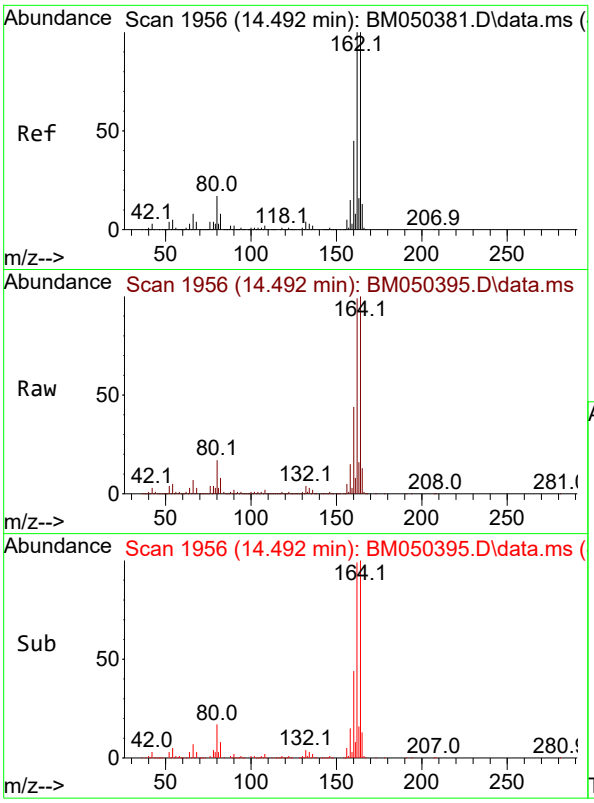


#38
1-Methylnaphthalene
Concen: 45.182 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:142 Resp: 3649174

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9
116	3.7	3.0	4.6



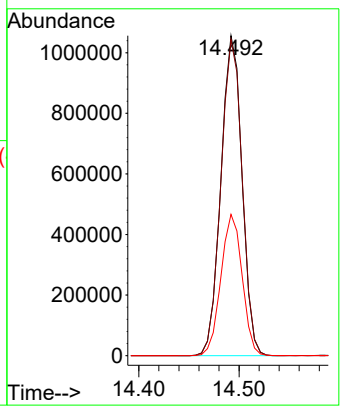


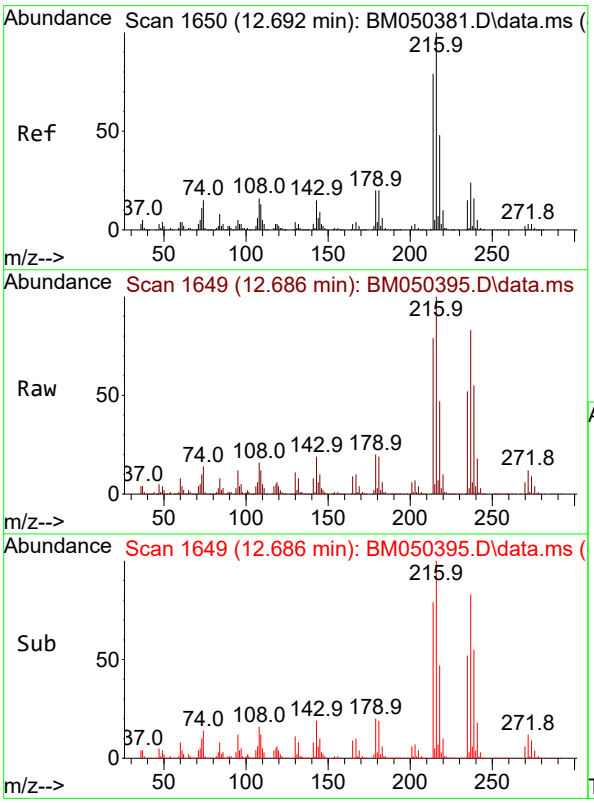
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:164 Resp: 1542629

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.9	119.9
160	44.1	36.2	54.4

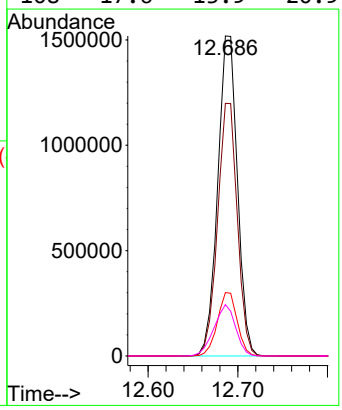


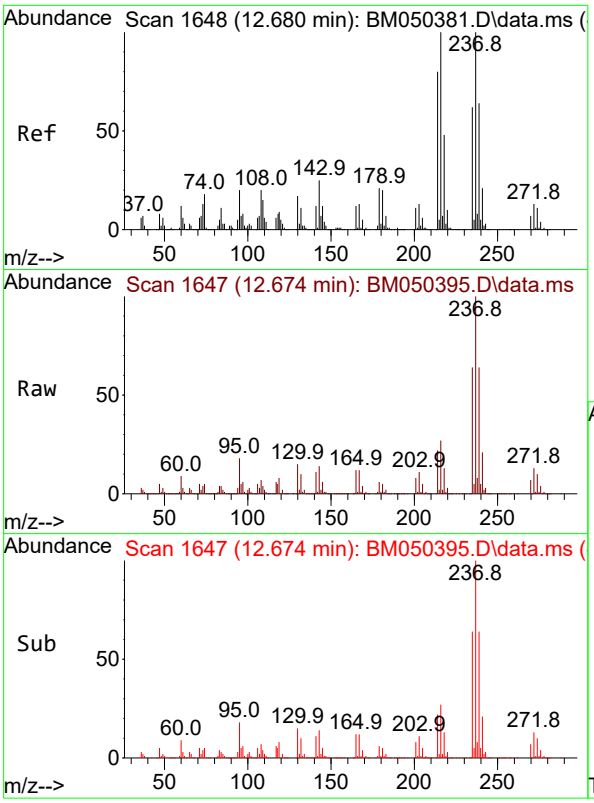


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.171 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:216 Resp: 2314043

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	19.9	16.4	24.6
108	17.6	13.9	20.9



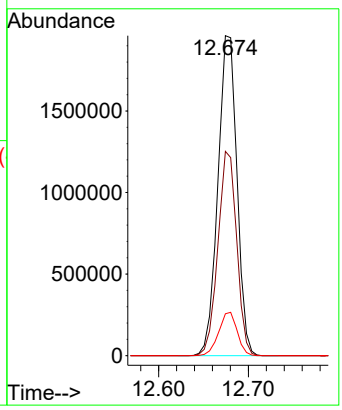


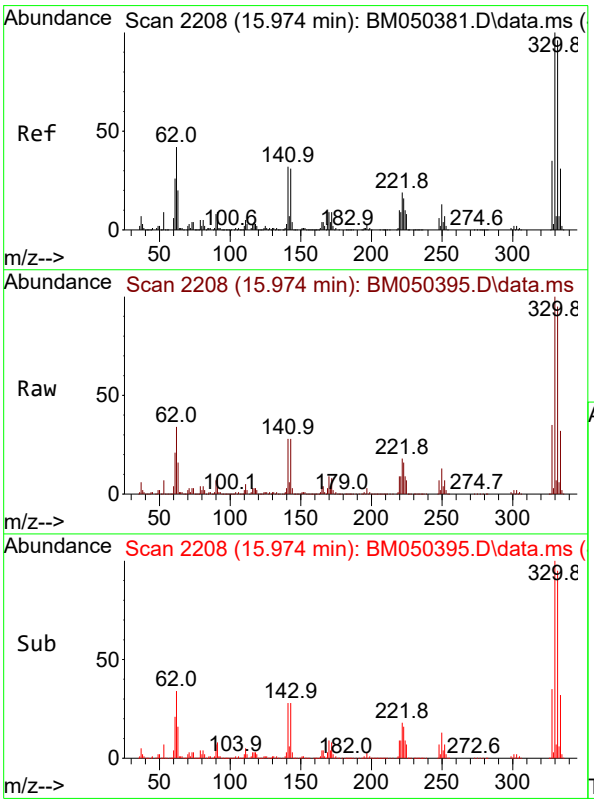
#41
Hexachlorocyclopentadiene
Concen: 92.252 ng
RT: 12.674 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:237 Resp: 2892812

Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.3	82.3
272	13.1	0.0	33.0

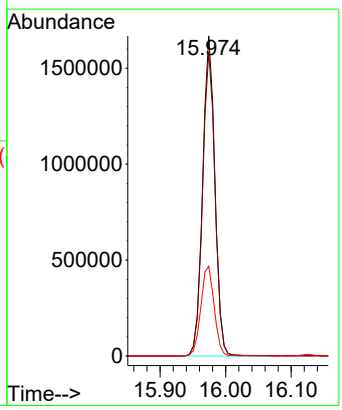


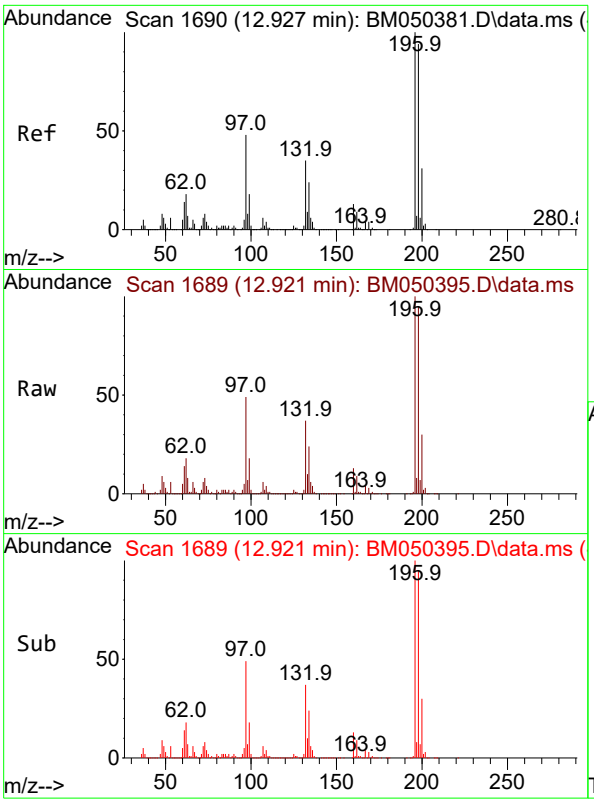


#42
2,4,6-Tribromophenol
Concen: 116.182 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:330 Resp: 2177611

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	30.5	27.4	41.0



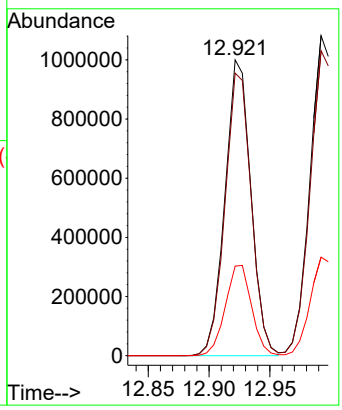


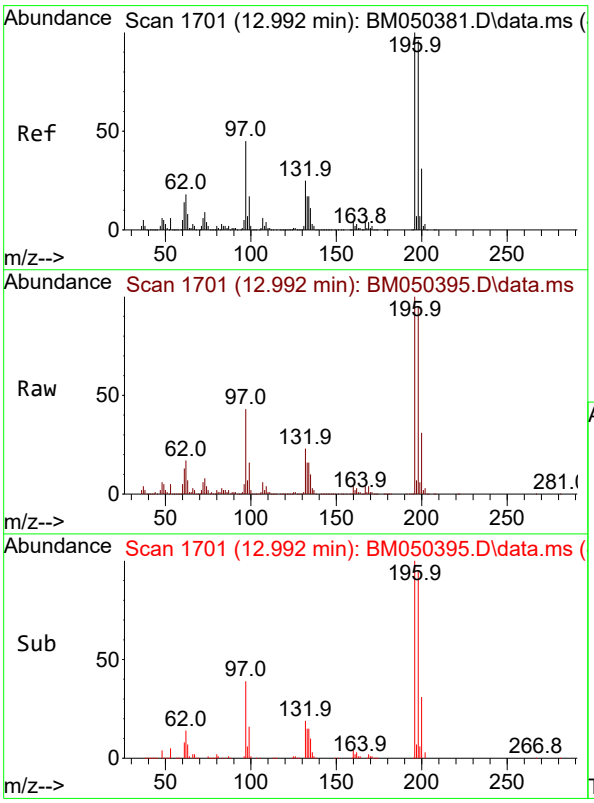
#43
2,4,6-Trichlorophenol
Concen: 49.186 ng
RT: 12.921 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:196 Resp: 1485263

Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.1	112.7
200	30.3	24.6	37.0

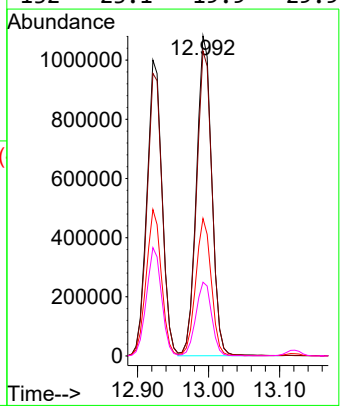


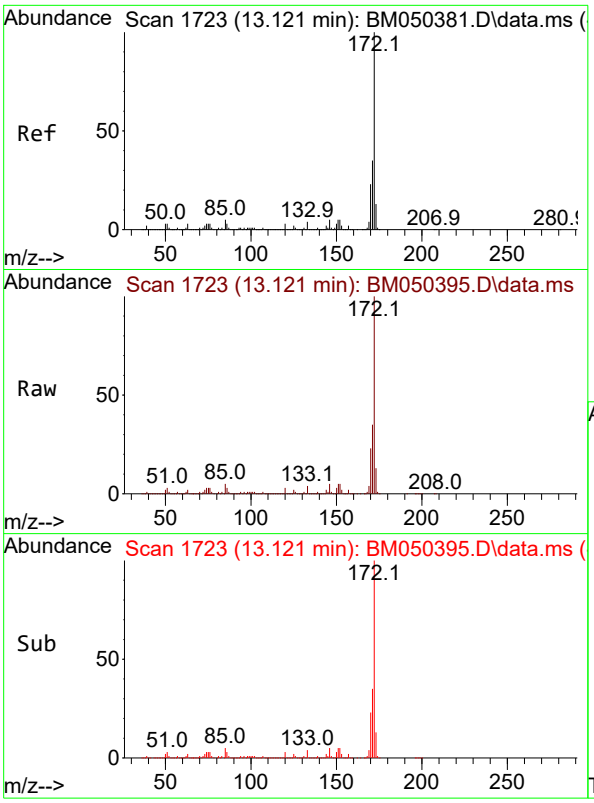


#44
2,4,5-Trichlorophenol
Concen: 49.274 ng
RT: 12.992 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:196 Resp: 1624980

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.2	115.8
97	42.9	36.2	54.4
132	23.1	19.9	29.9



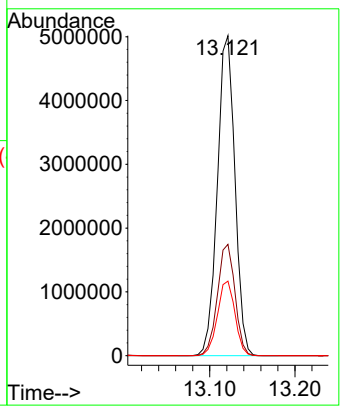


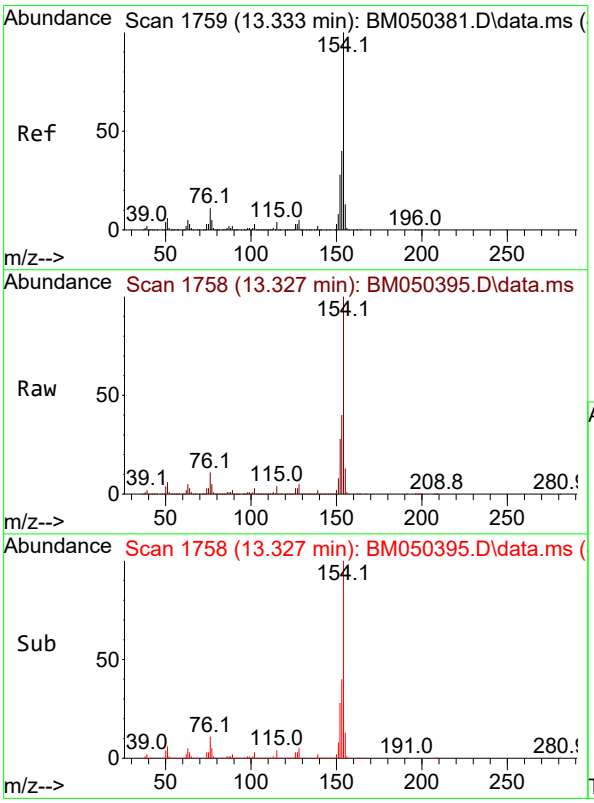
#45
2-Fluorobiphenyl
Concen: 57.517 ng
RT: 13.121 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:172 Resp: 7184736

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.7	41.5
170	23.3	18.8	28.2

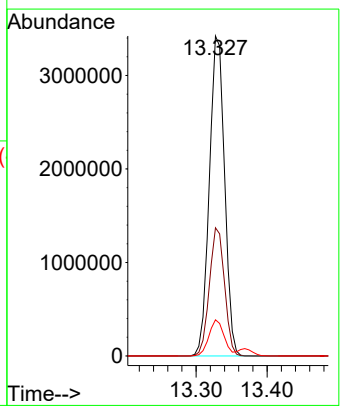


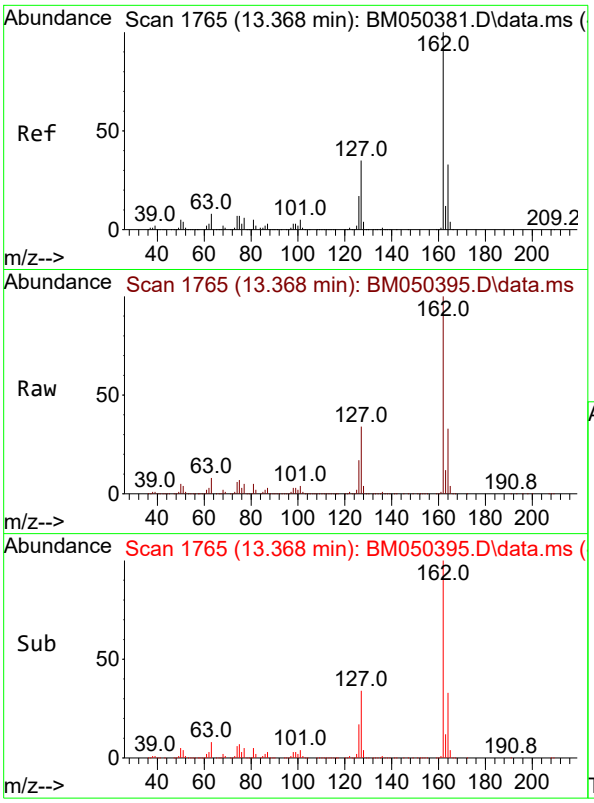


#46
1,1'-Biphenyl
Concen: 44.497 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:154 Resp: 5092784

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.7	59.7
76	11.3	0.0	30.9



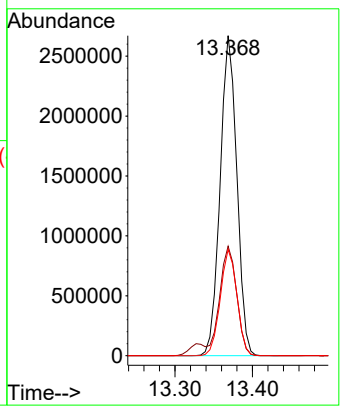


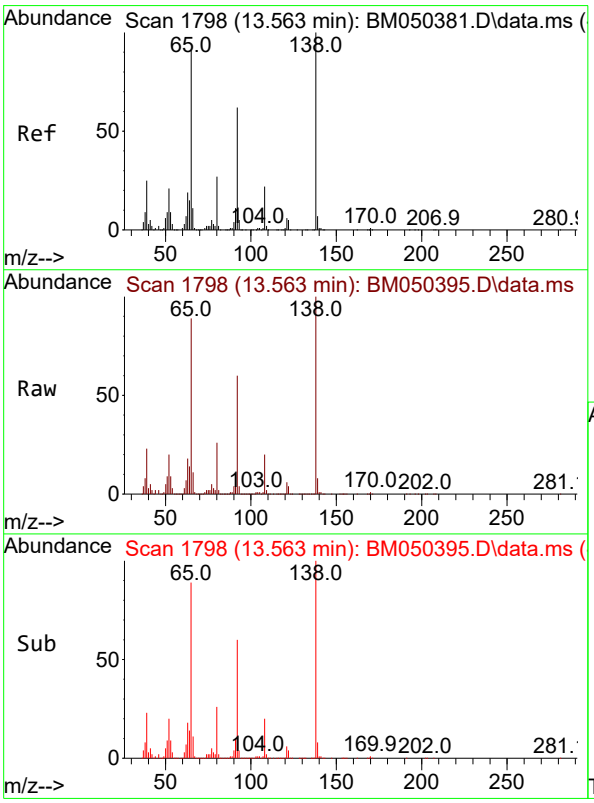
#47
2-Chloronaphthalene
Concen: 43.836 ng
RT: 13.368 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:162 Resp: 4000217

Ion	Ratio	Lower	Upper
162	100		
127	34.2	28.3	42.5
164	33.2	26.6	40.0

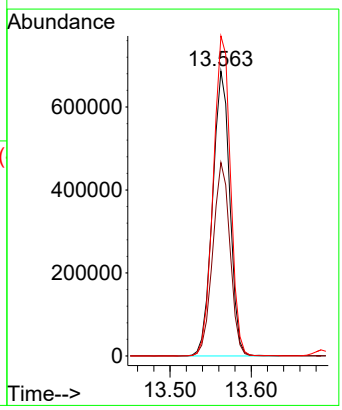


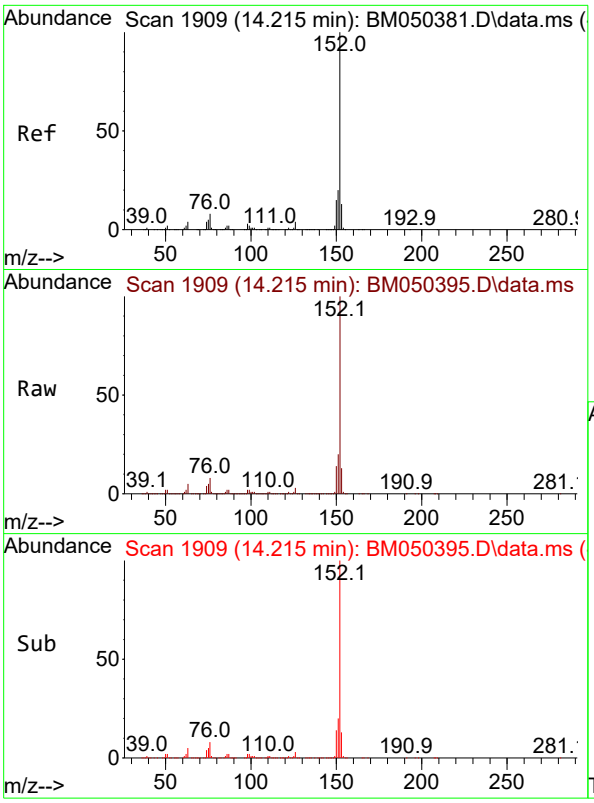


#48
2-Nitroaniline
Concen: 49.834 ng
RT: 13.563 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion: 65 Resp: 1015057

Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.3	81.5
138	112.3	87.8	131.6



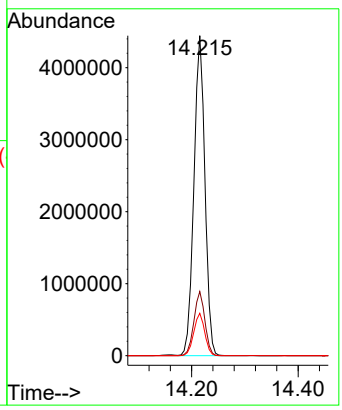


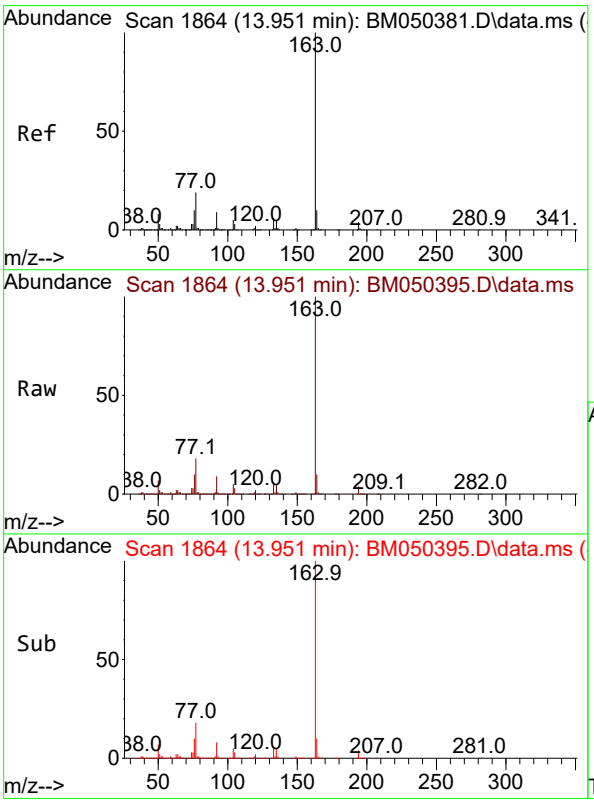
#49
Acenaphthylene
Concen: 46.249 ng
RT: 14.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:152 Resp: 6378247

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.3	10.6	15.8

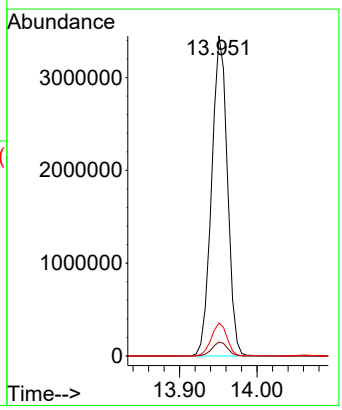


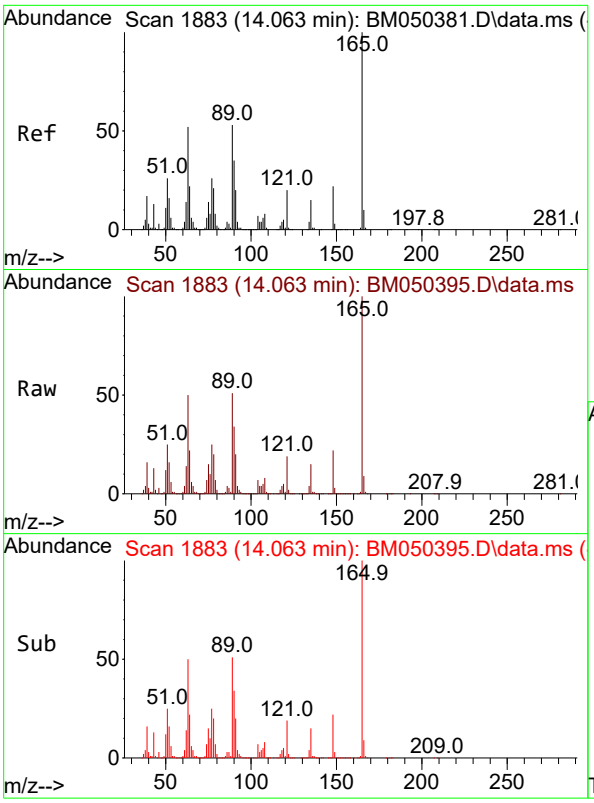


#50
Dimethylphthalate
Concen: 45.820 ng
RT: 13.951 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:163 Resp: 4866350

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	8.2	12.2



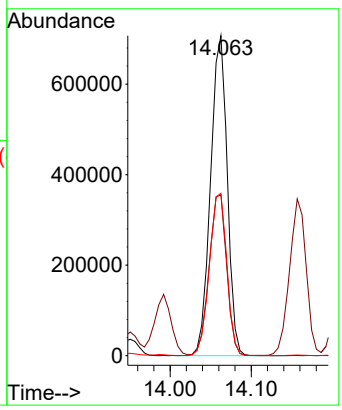


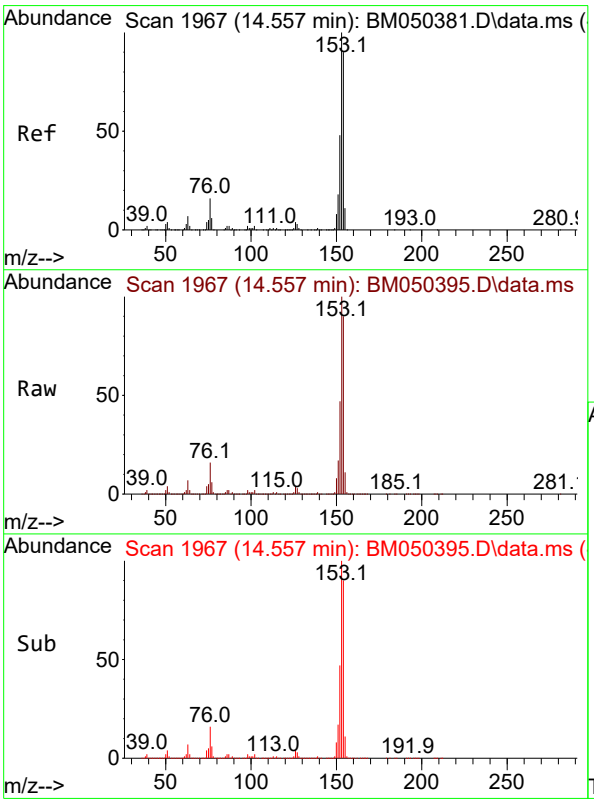
#51
2,6-Dinitrotoluene
Concen: 49.553 ng
RT: 14.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:165 Resp: 1010477

Ion	Ratio	Lower	Upper
165	100		
63	50.2	42.4	63.6
89	50.7	42.2	63.2

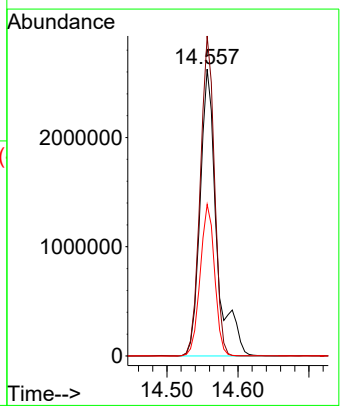


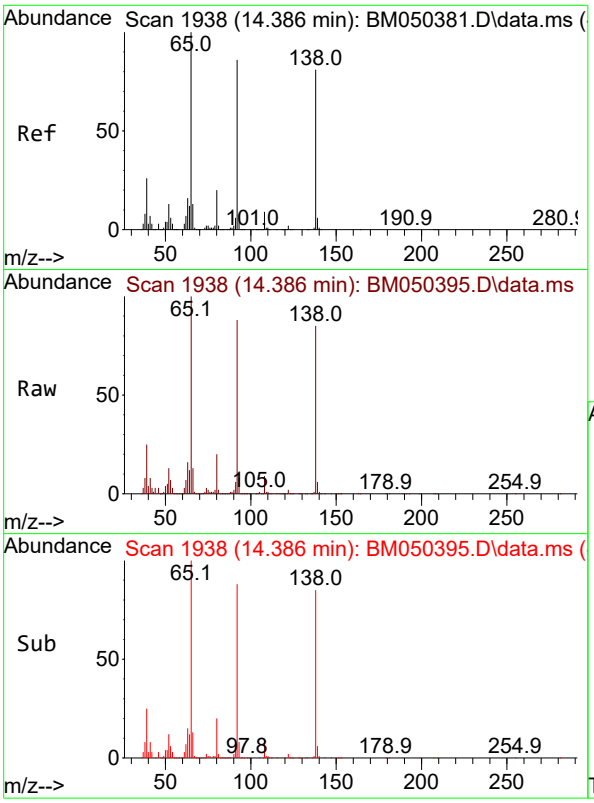


#52
Acenaphthene
Concen: 48.388 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:154 Resp: 4242623

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.2	133.8
152	52.8	42.6	64.0



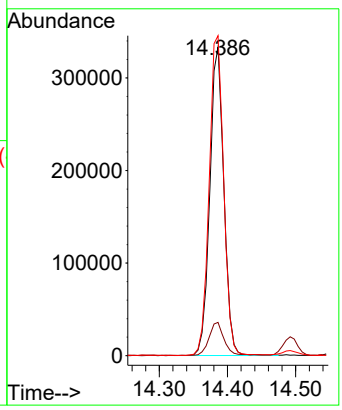


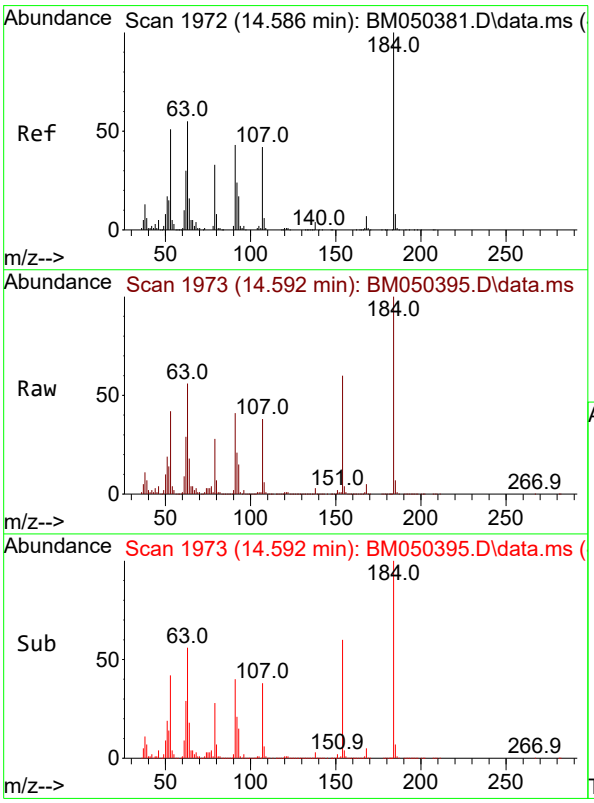
#53
3-Nitroaniline
Concen: 22.033 ng
RT: 14.386 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:138 Resp: 477830

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.8	13.2
92	103.7	85.0	127.6

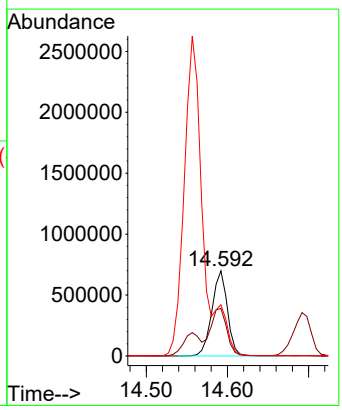


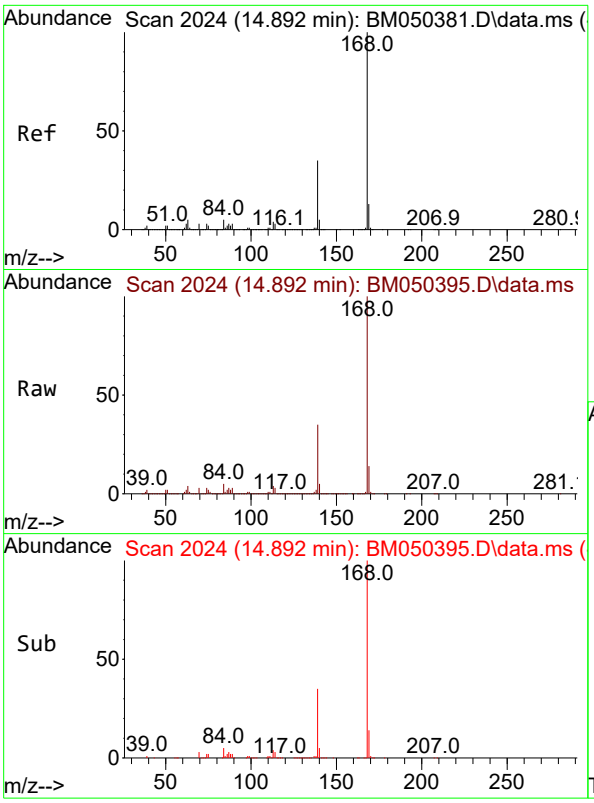


#54
2,4-Dinitrophenol
Concen: 82.459 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:184 Resp: 930266

Ion	Ratio	Lower	Upper
184	100		
63	55.7	53.4	80.0
154	60.1	61.6	92.4#



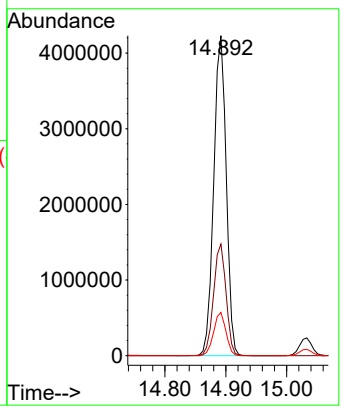


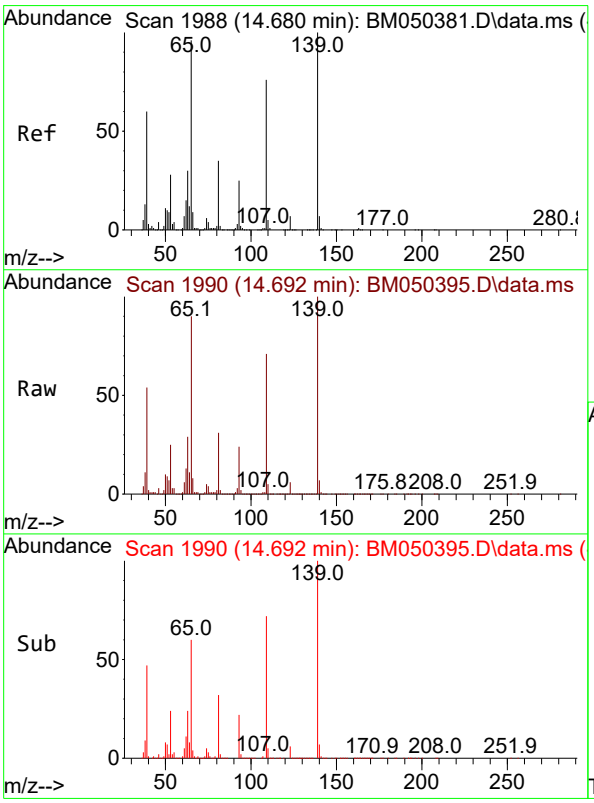
#55
Dibenzofuran
Concen: 44.472 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:168 Resp: 6007916

Ion	Ratio	Lower	Upper
168	100		
139	34.9	27.7	41.5
169	13.5	10.7	16.1

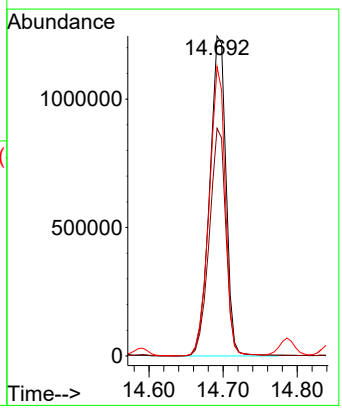


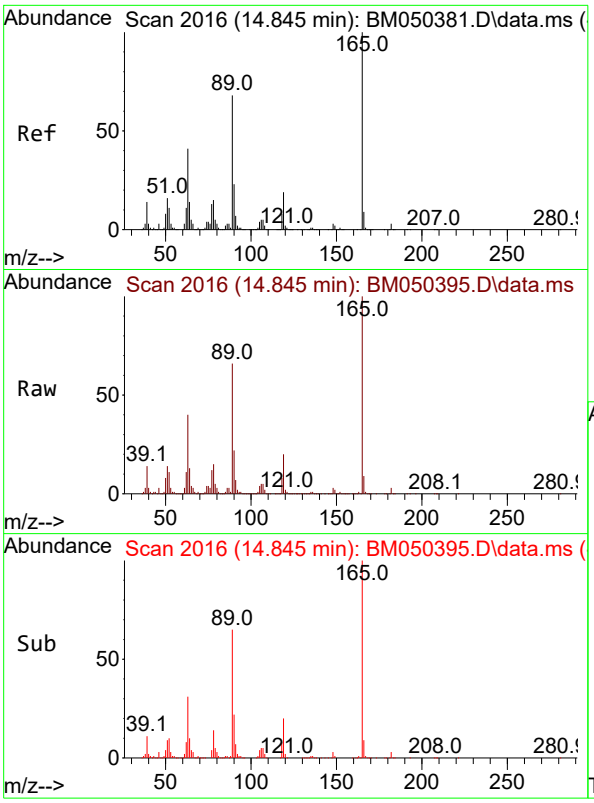


#56
4-Nitrophenol
Concen: 102.234 ng
RT: 14.692 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:139 Resp: 1906631

Ion	Ratio	Lower	Upper
139	100		
109	71.2	56.5	96.5
65	90.4	76.4	116.4



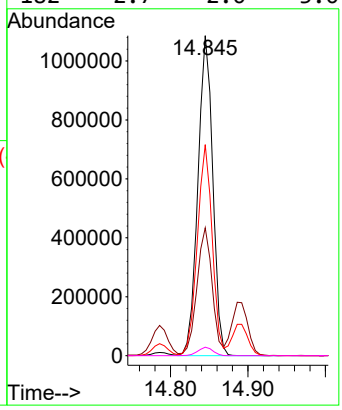


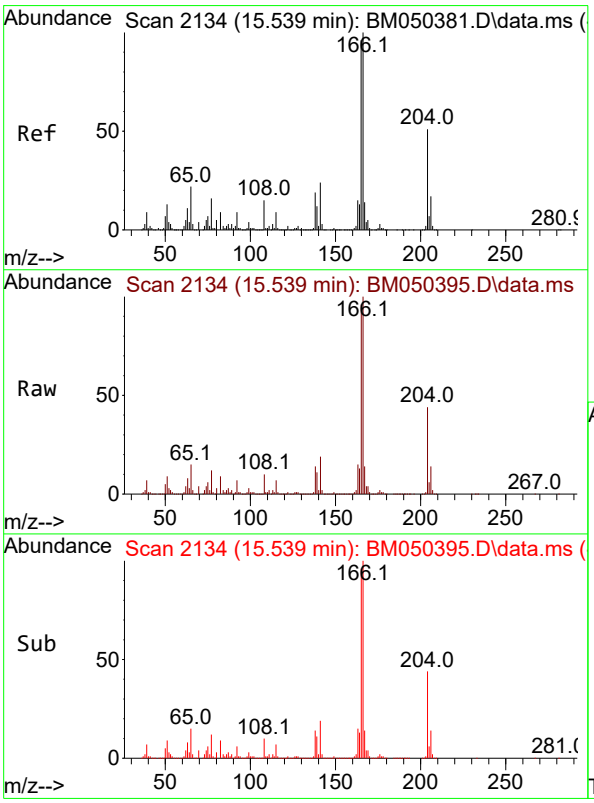
#57
2,4-Dinitrotoluene
Concen: 47.433 ng
RT: 14.845 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:165 Resp: 1446928

Ion	Ratio	Lower	Upper
165	100		
63	40.0	32.5	48.7
89	66.0	54.0	81.0
182	2.7	2.0	3.0

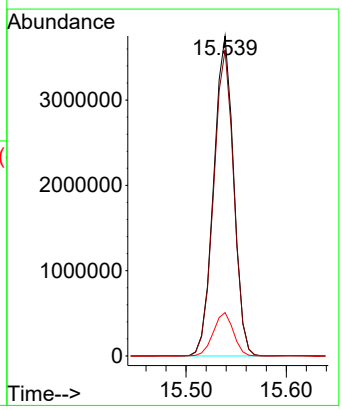


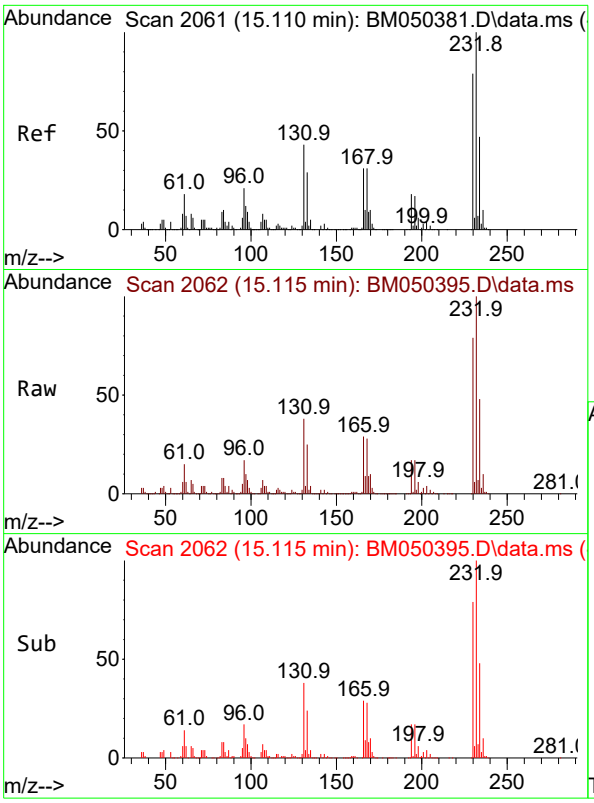


#58
Fluorene
Concen: 46.488 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:166 Resp: 5172898

Ion	Ratio	Lower	Upper
166	100		
165	95.6	77.0	115.6
167	13.6	10.9	16.3



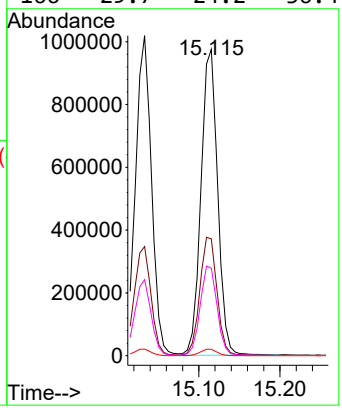


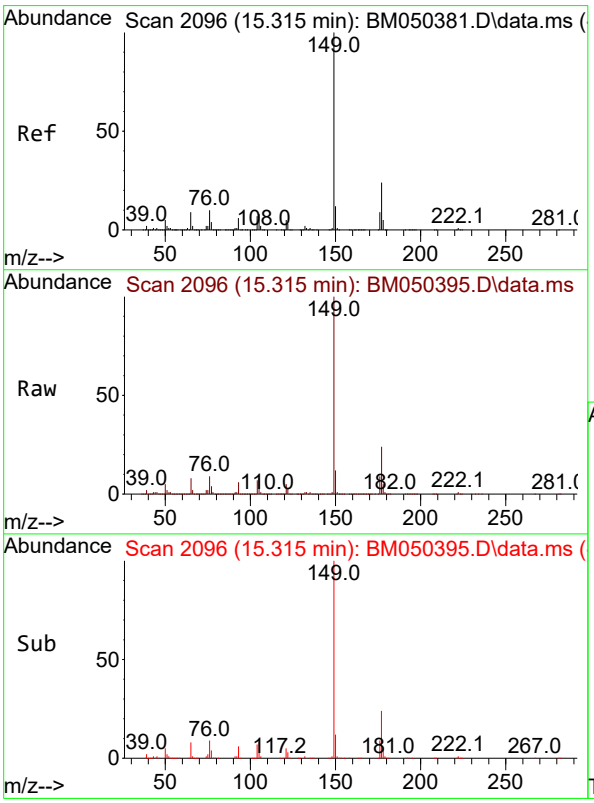
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.001 ng
RT: 15.115 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:232 Resp: 1388092

Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.4	50.0
130	2.2	1.8	2.6
166	29.7	24.2	36.4

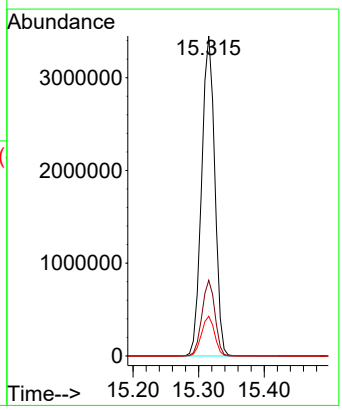


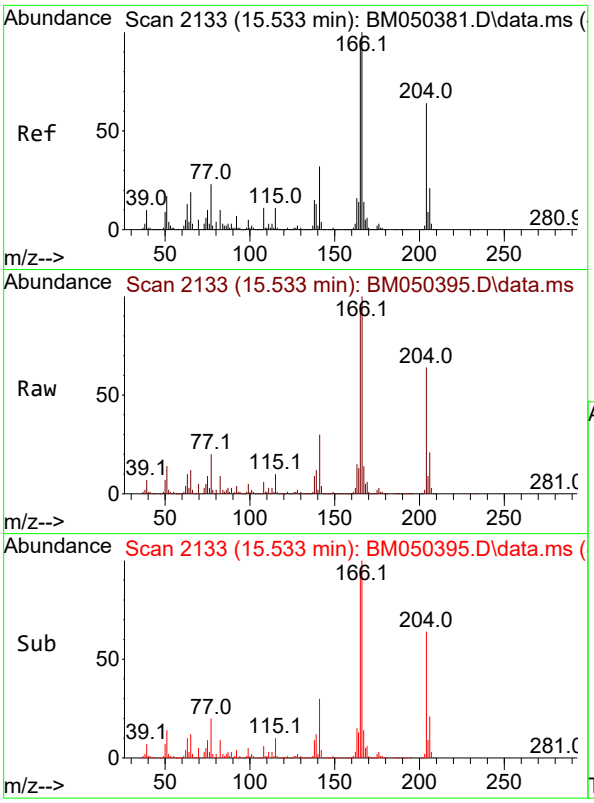


#60
Diethylphthalate
Concen: 47.471 ng
RT: 15.315 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:149 Resp: 4816028

Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.8	28.2
150	12.4	9.8	14.8



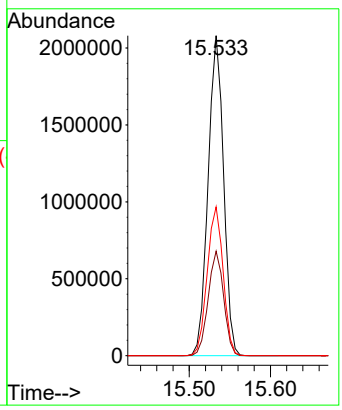


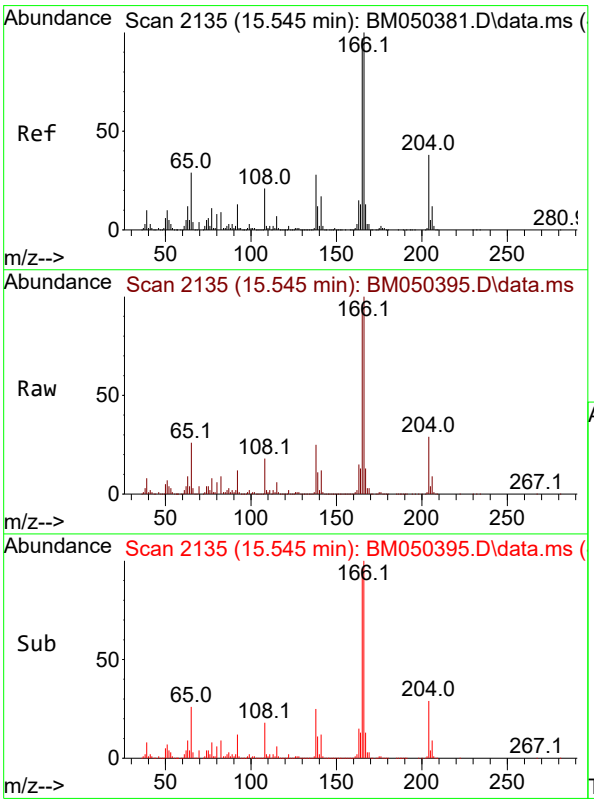
#61
4-Chlorophenyl-phenylether
Concen: 47.210 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:204 Resp: 2746868

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	46.5	39.9	59.9

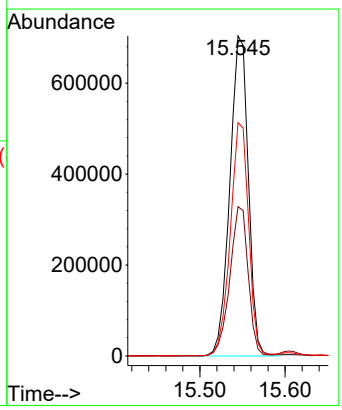


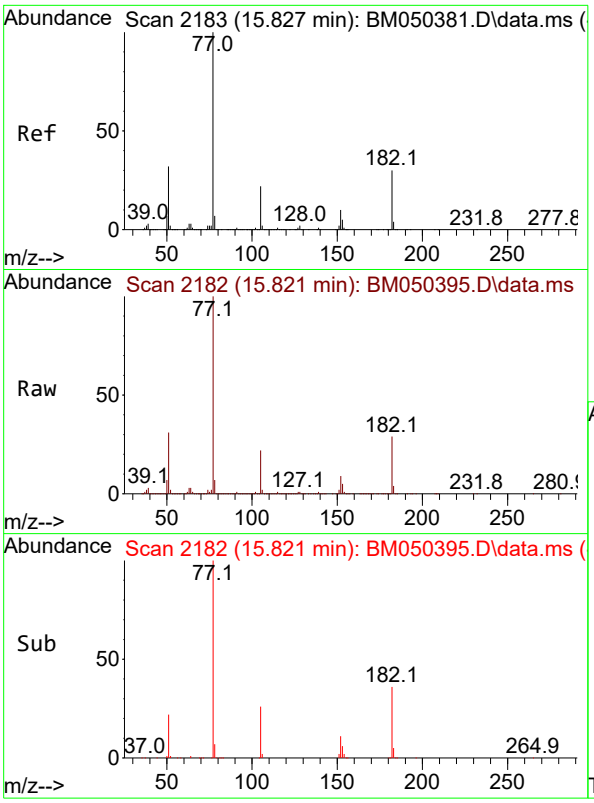


#62
4-Nitroaniline
Concen: 42.890 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:138 Resp: 1062082

Ion	Ratio	Lower	Upper
138	100		
92	46.7	24.5	64.5
108	72.9	52.5	92.5



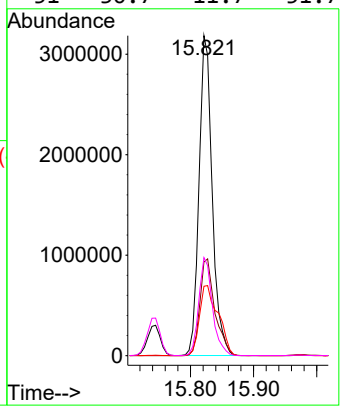


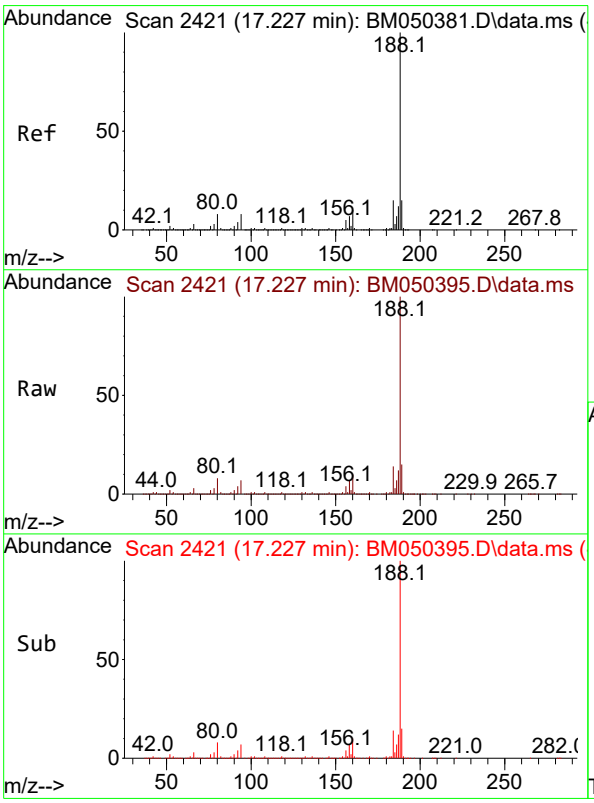
#63
Azobenzene
Concen: 49.480 ng
RT: 15.821 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion: 77 Resp: 4609427

Ion	Ratio	Lower	Upper
77	100		
182	29.3	10.0	50.0
105	21.7	2.0	42.0
51	30.7	11.7	51.7

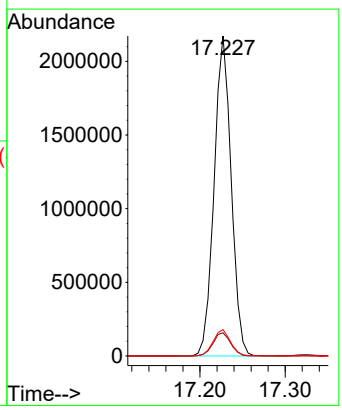


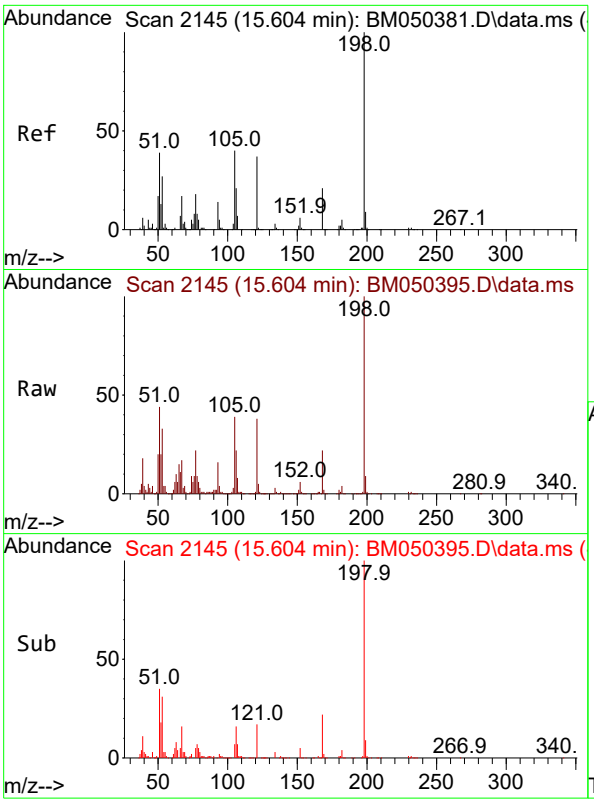


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:188 Resp: 3030624

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	8.3	6.5	9.7



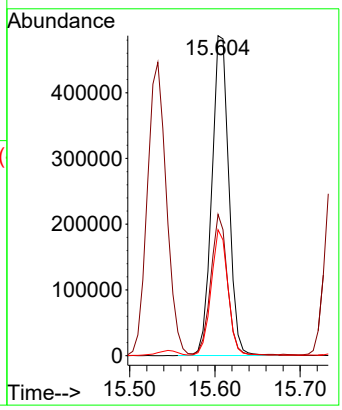


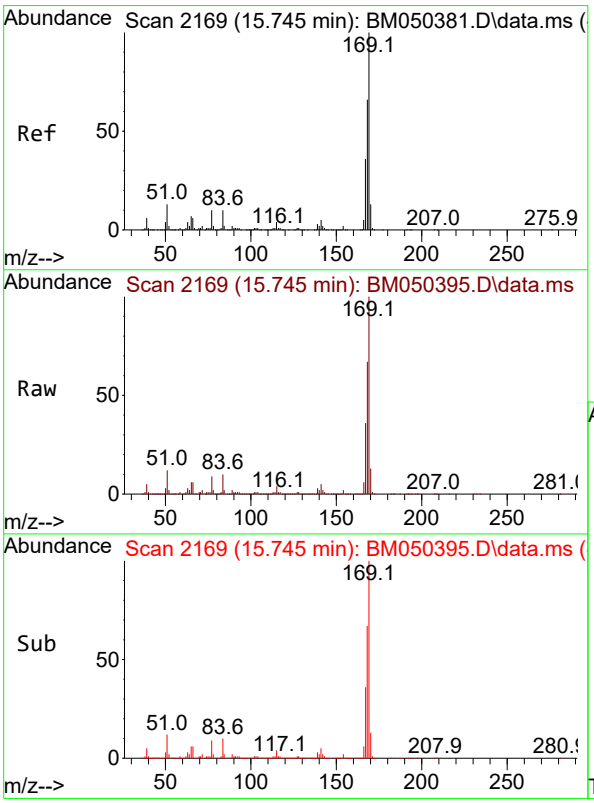
#65
4,6-Dinitro-2-methylphenol
Concen: 42.145 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:198 Resp: 672374

Ion	Ratio	Lower	Upper
198	100		
51	44.1	26.6	66.6
105	39.4	20.9	60.9

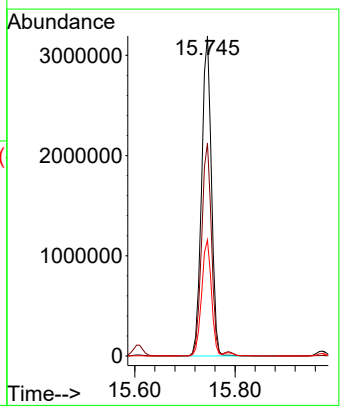


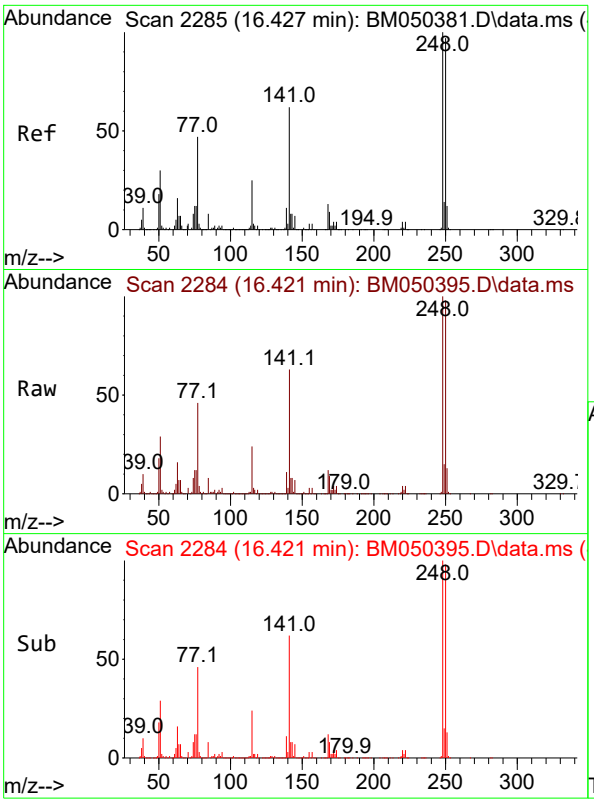


#66
n-Nitrosodiphenylamine
Concen: 45.646 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:169 Resp: 4328727

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.2	79.8
167	36.3	28.7	43.1



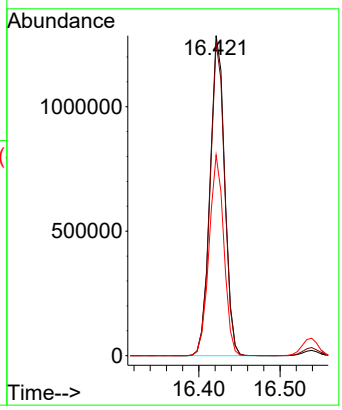


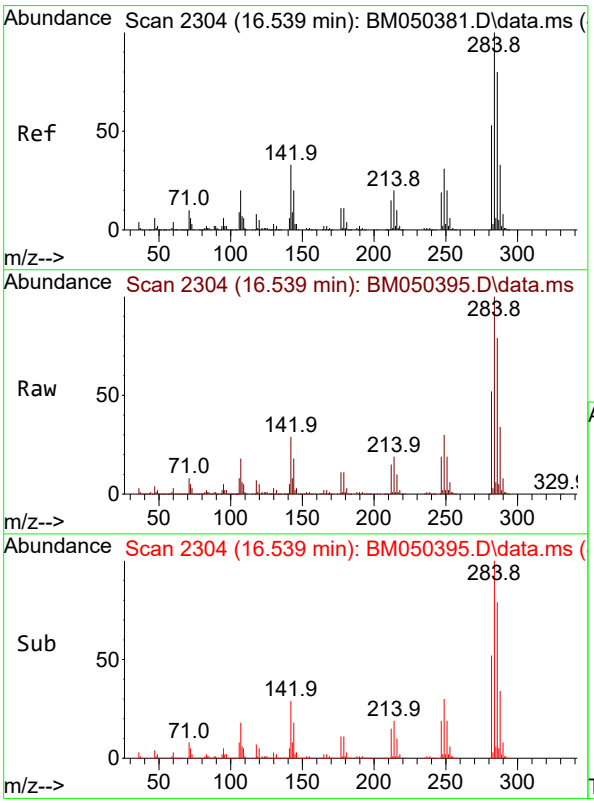
#67
4-Bromophenyl-phenylether
Concen: 48.266 ng
RT: 16.421 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:248 Resp: 1611633

Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.9	116.9
141	62.7	49.7	74.5

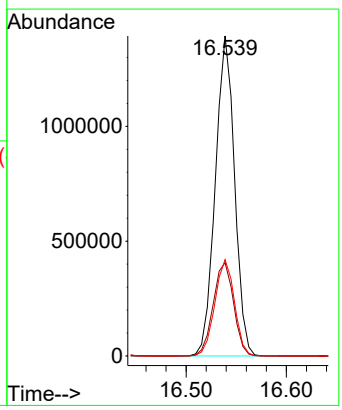


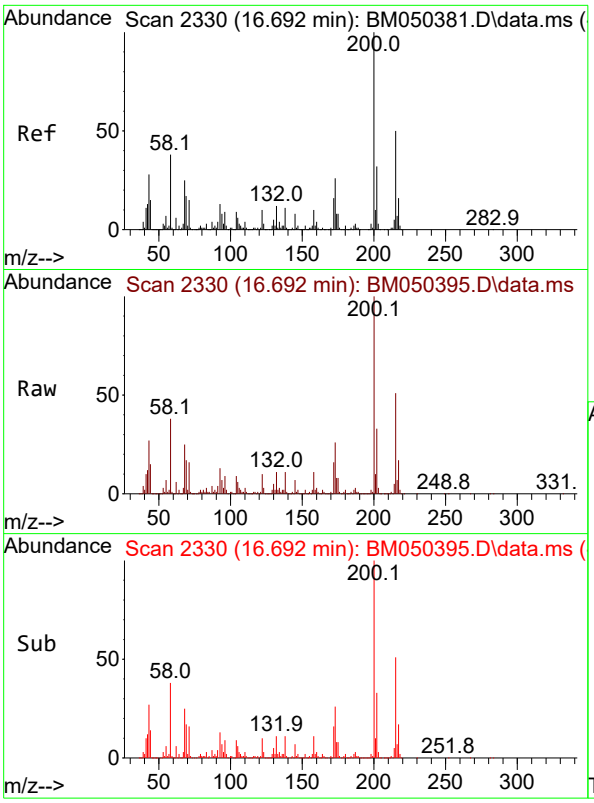


#68
Hexachlorobenzene
Concen: 47.005 ng
RT: 16.539 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:284 Resp: 1853729

Ion	Ratio	Lower	Upper
284	100		
142	29.2	26.8	40.2
249	30.1	24.5	36.7



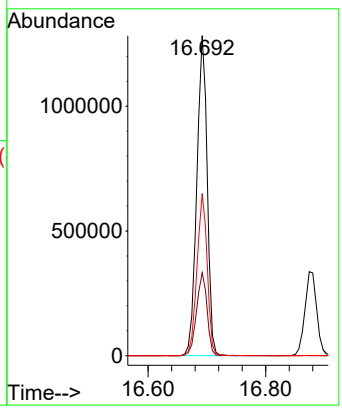


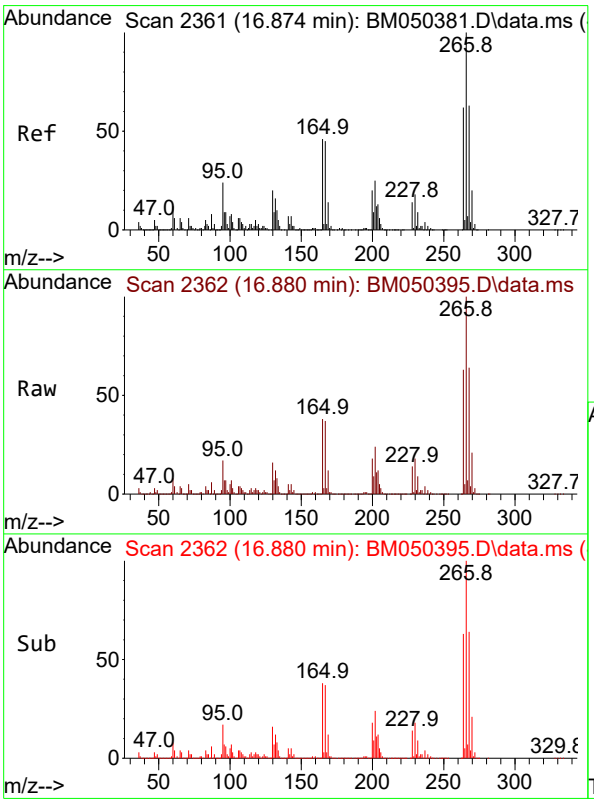
#69
Atrazine
Concen: 50.578 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:200 Resp: 1575006

Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.6	45.6
215	50.7	29.6	69.6

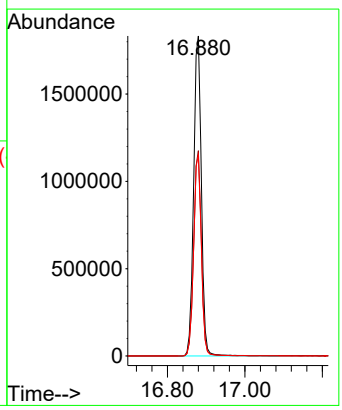


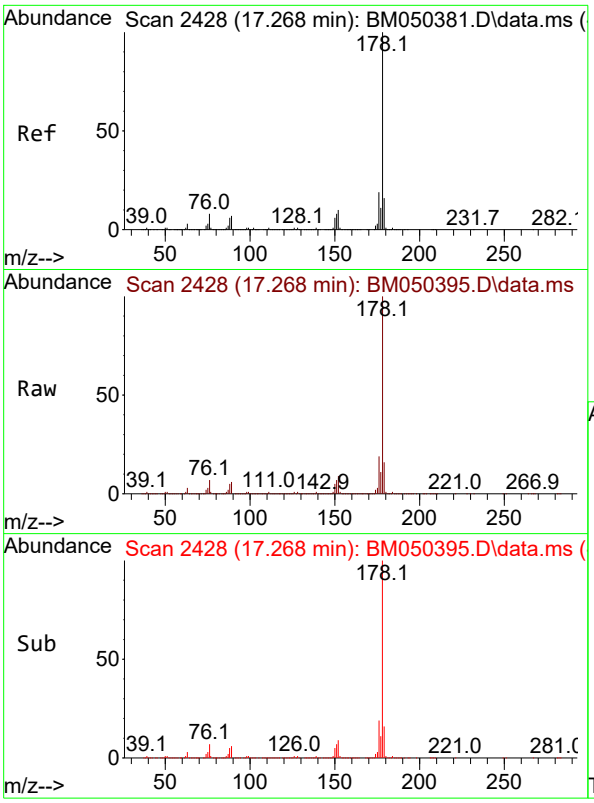


#70
Pentachlorophenol
Concen: 103.115 ng
RT: 16.880 min Scan# 2362
Delta R.T. 0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:266 Resp: 2531445

Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.5	75.7
264	62.8	49.9	74.9



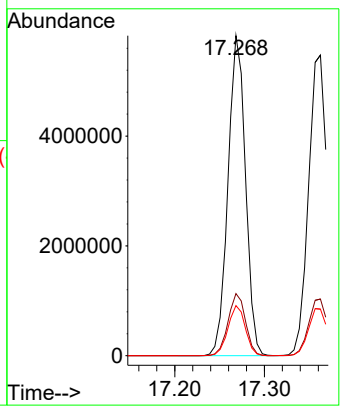


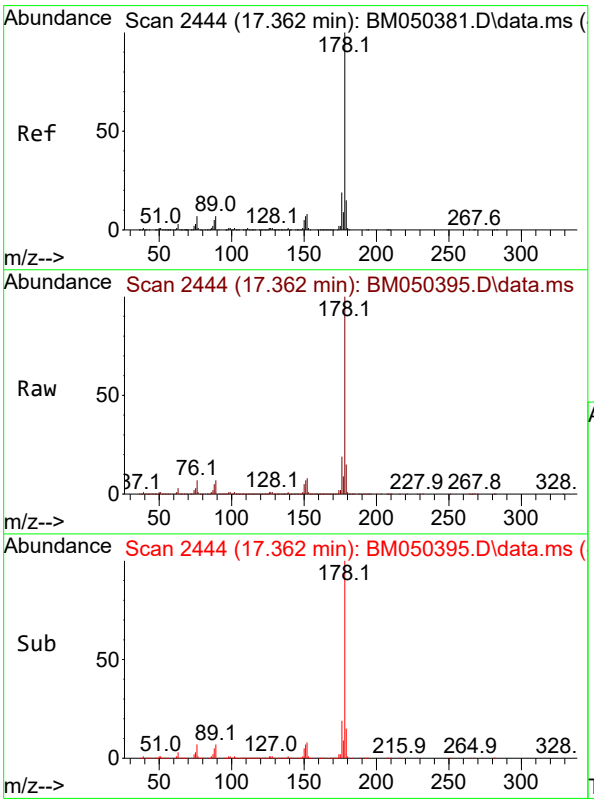
#71
Phenanthrene
Concen: 46.030 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:178 Resp: 7893716

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.7	12.5	18.7

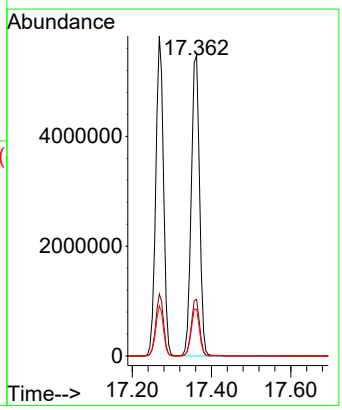


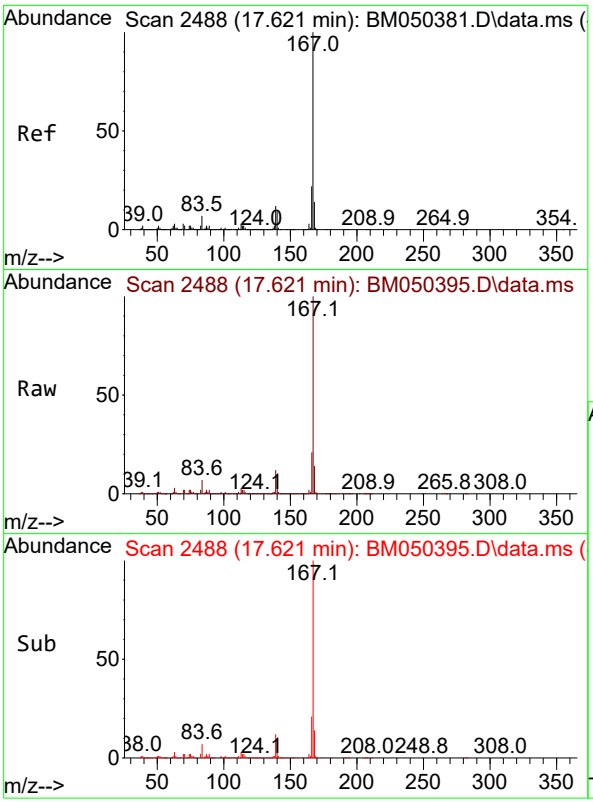


#72
Anthracene
Concen: 46.702 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:178 Resp: 7972053

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	12.2	18.4



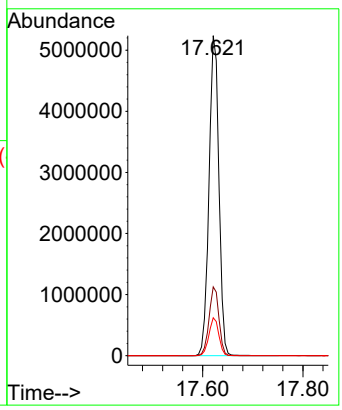


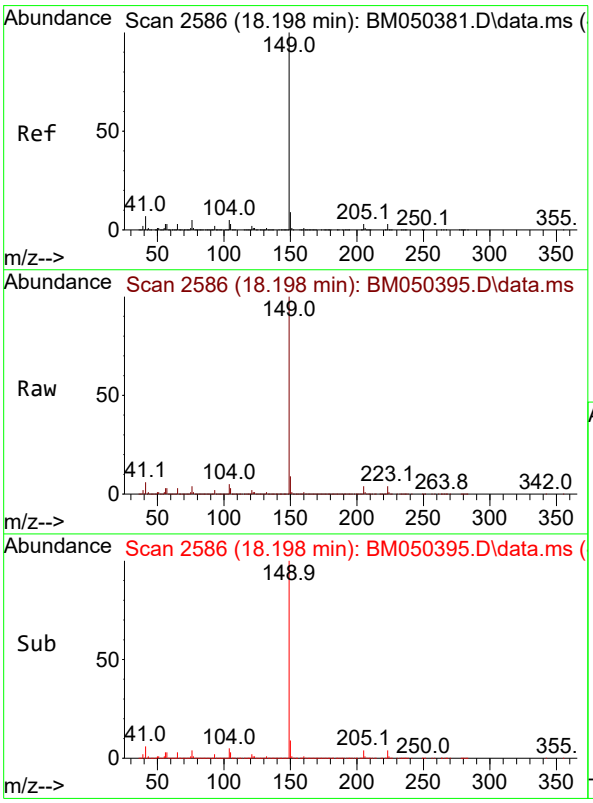
#73
Carbazole
Concen: 46.399 ng
RT: 17.621 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:167 Resp: 7166463

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	11.9	9.9	14.9

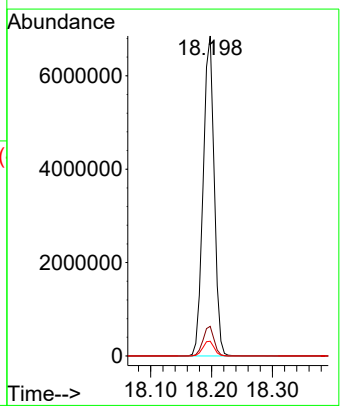


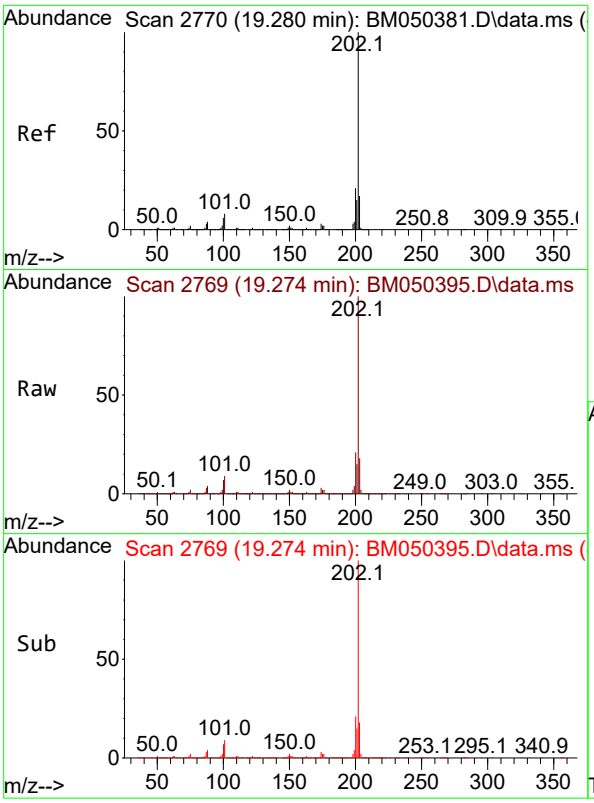


#74
Di-n-butylphthalate
Concen: 51.010 ng
RT: 18.198 min Scan# 2586
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:149 Resp: 8623521

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.6	3.9	5.9



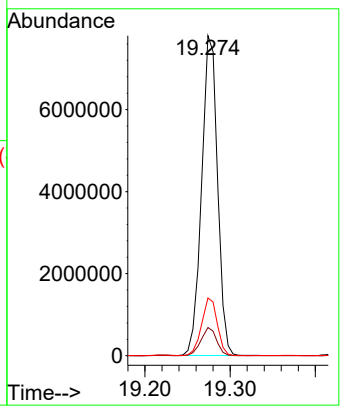


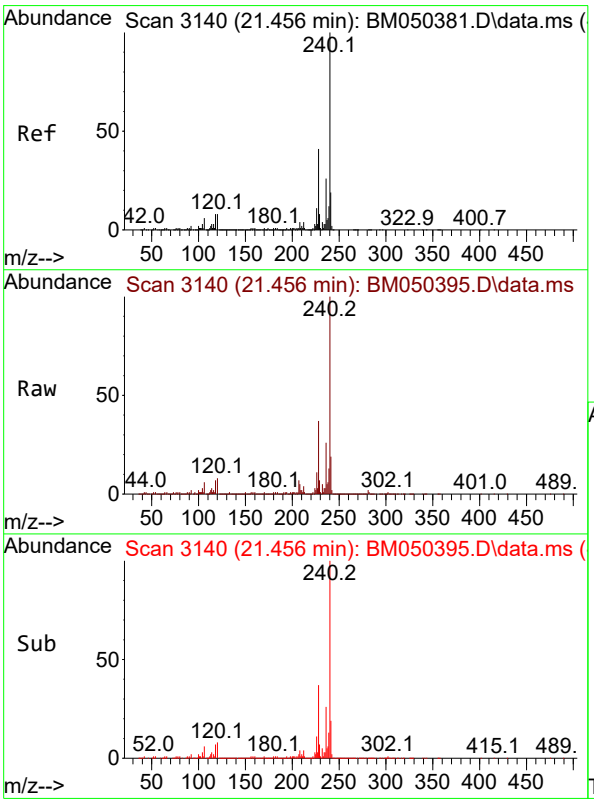
#75
Fluoranthene
Concen: 54.240 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:202 Resp:10111811

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.3
203	18.0	0.0	37.2

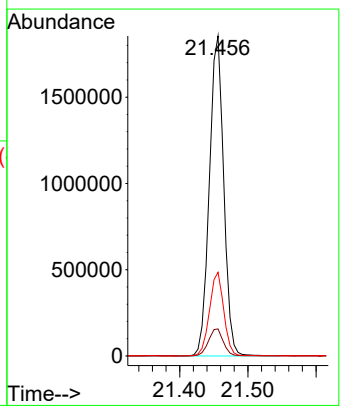


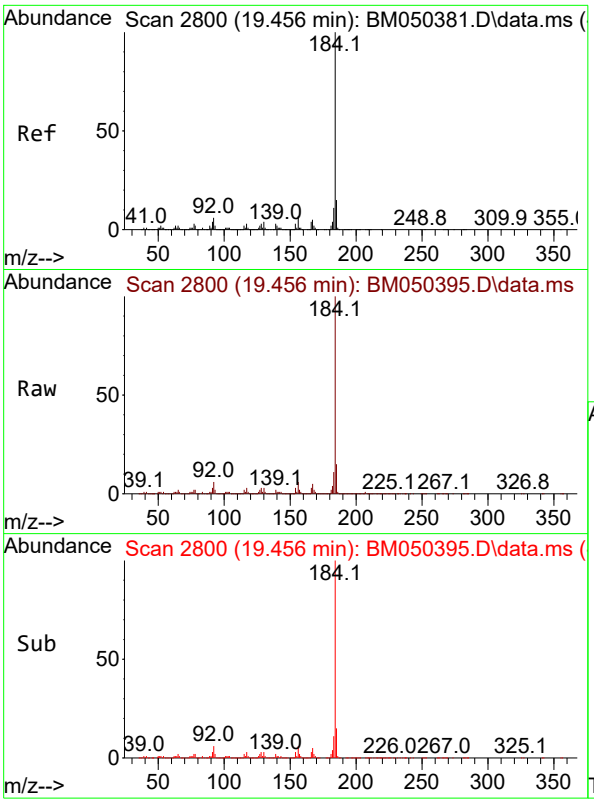


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:240 Resp: 2721657

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.7	10.1
236	26.2	20.7	31.1



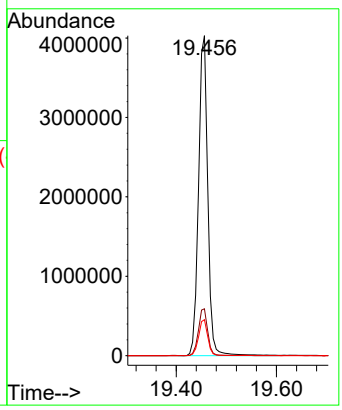


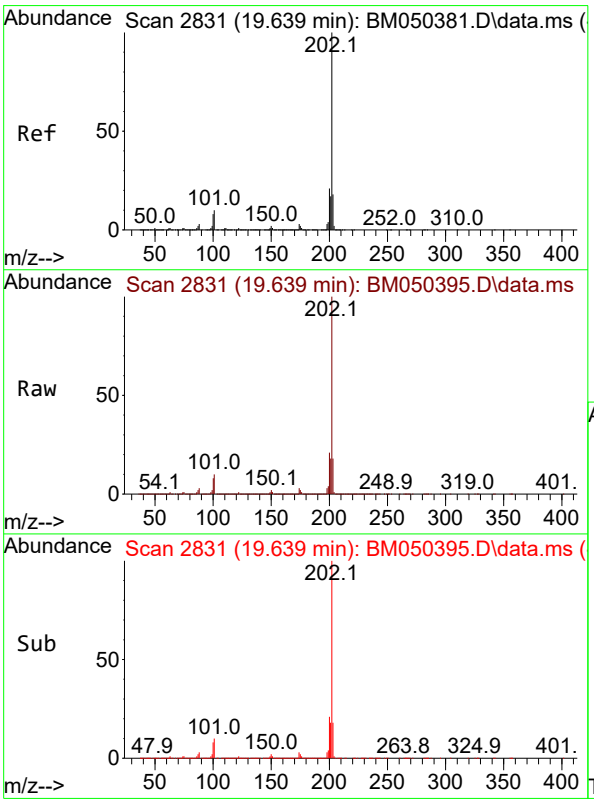
#77
Benzidine
Concen: 73.896 ng
RT: 19.456 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:184 Resp: 5129845

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	11.3	9.0	13.6

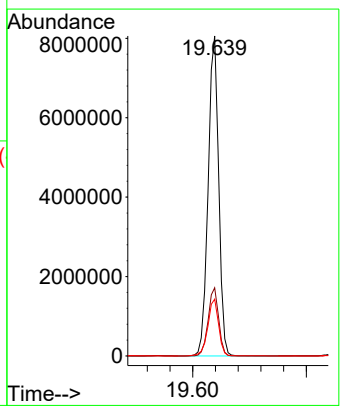


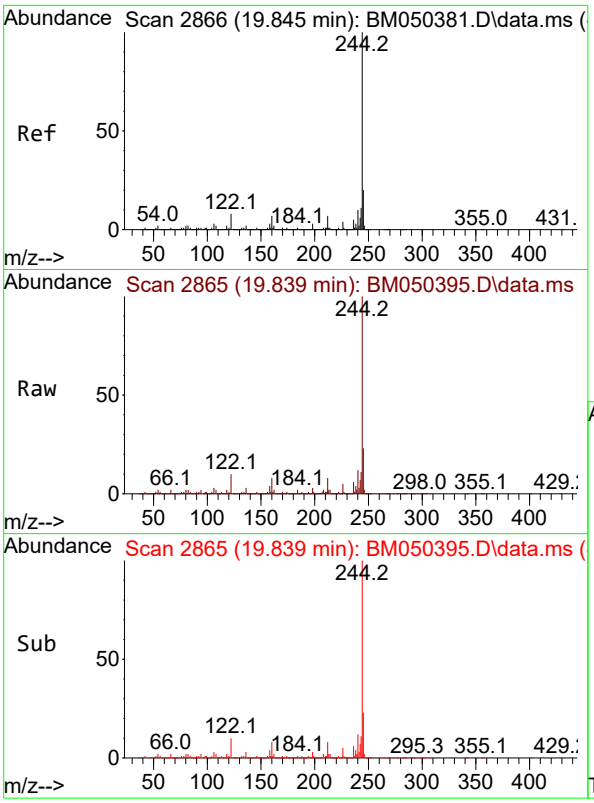


#78
Pyrene
Concen: 59.196 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:202 Resp:10318458

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.8	14.1	21.1



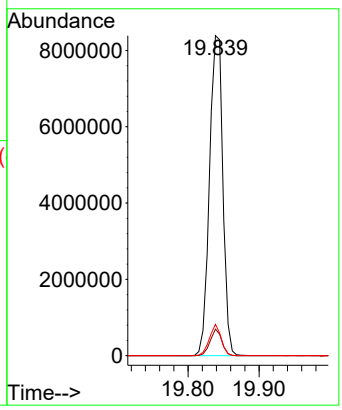


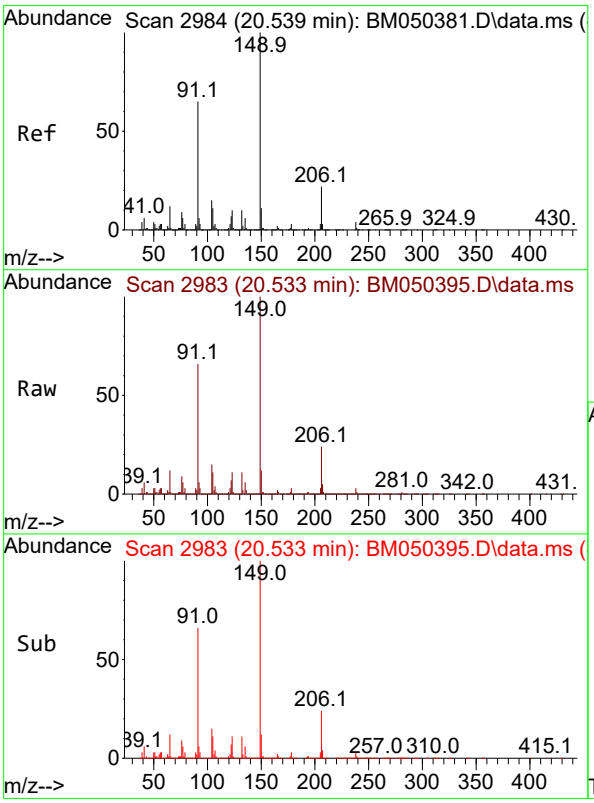
#79
Terphenyl-d14
Concen: 70.952 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:244 Resp:10975426

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.7	8.5
122	9.8	6.2	9.2#

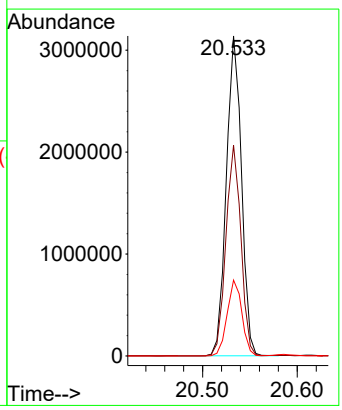


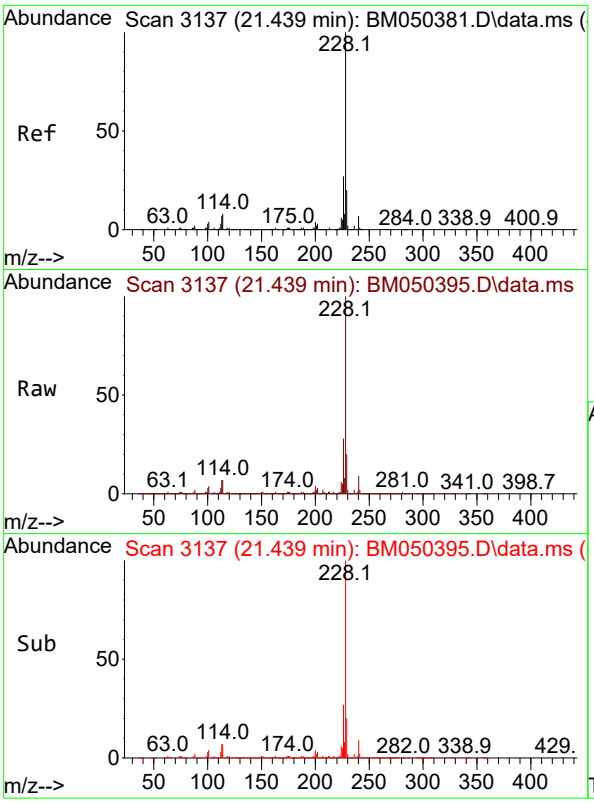


#80
Butylbenzylphthalate
Concen: 60.807 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:149 Resp: 3494907

Ion	Ratio	Lower	Upper
149	100		
91	65.8	51.6	77.4
206	23.7	17.8	26.8



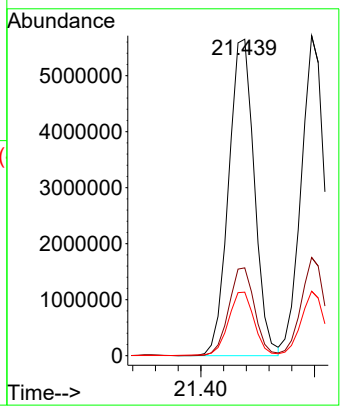


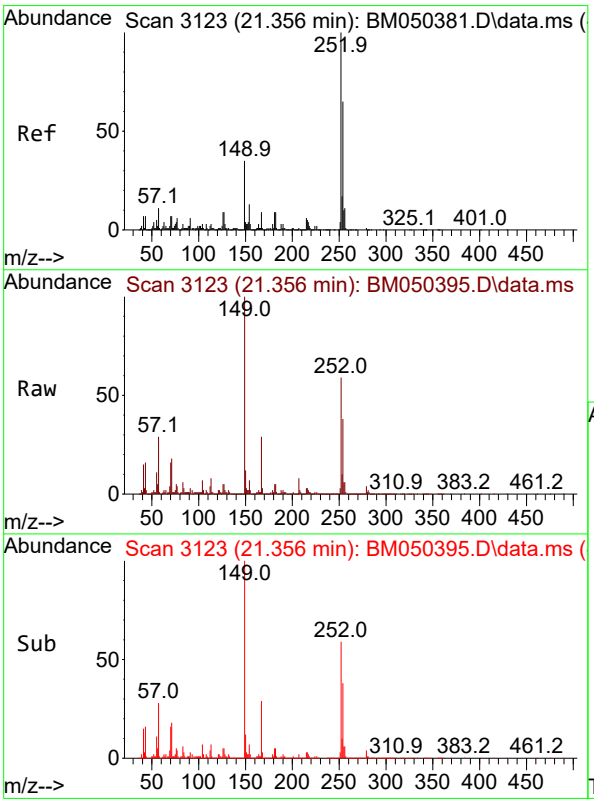
#81
Benzo(a)anthracene
Concen: 50.112 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:228 Resp: 8886526

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.1	16.0	24.0

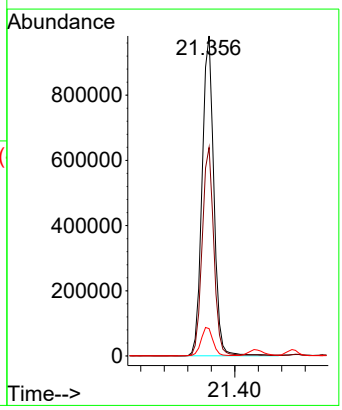


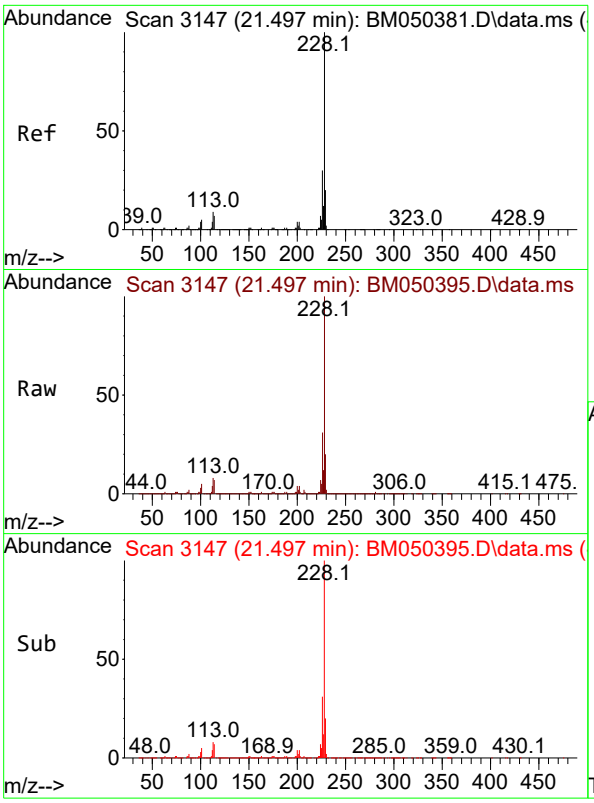


#82
3,3'-Dichlorobenzidine
Concen: 22.783 ng
RT: 21.356 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:252 Resp: 1362474

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.7	77.5
126	8.5	7.3	10.9



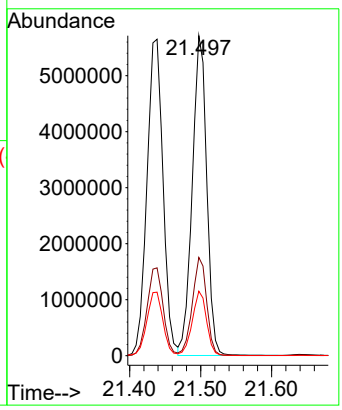


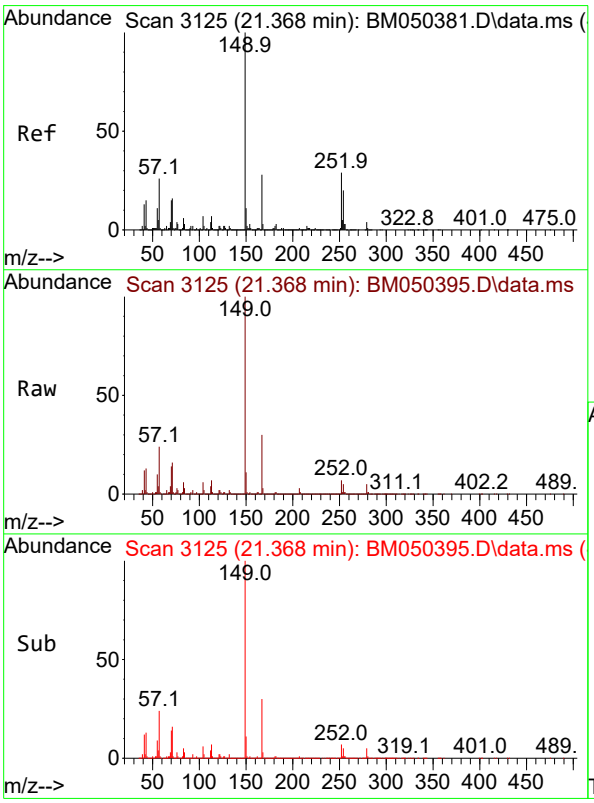
#83
Chrysene
Concen: 48.347 ng
RT: 21.497 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:228 Resp: 8086730

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	20.2	15.8	23.6

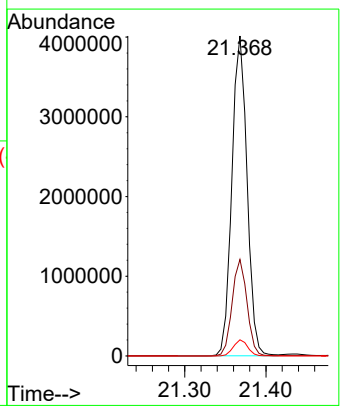


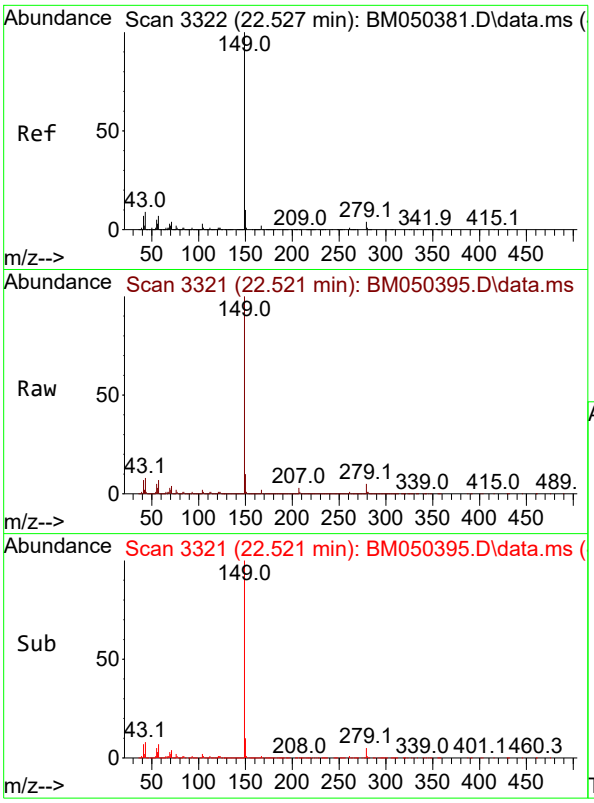


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.983 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:149 Resp: 5199116

Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.7	34.1
279	5.0	3.5	5.3



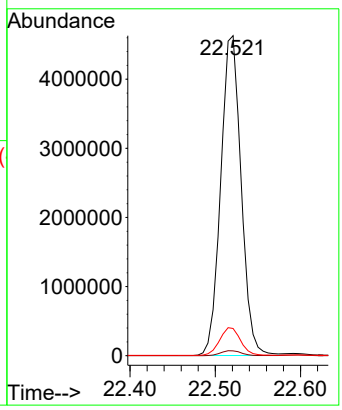


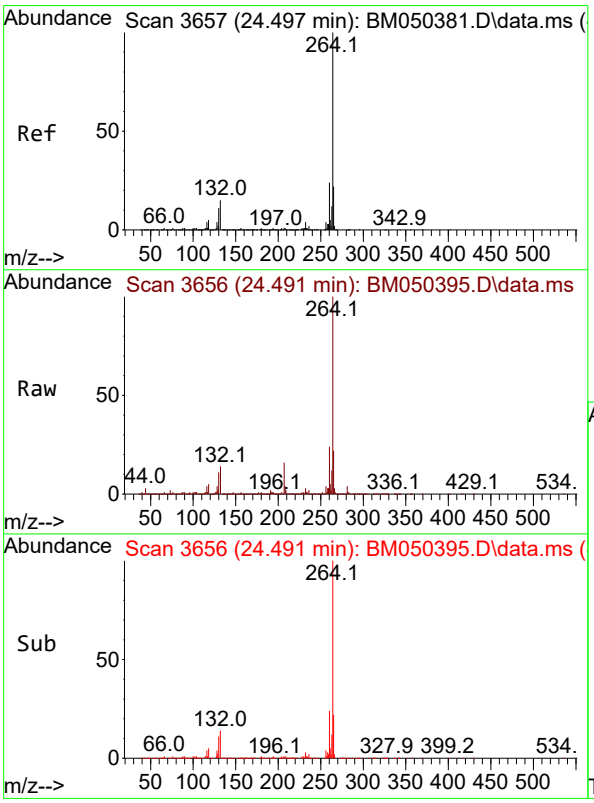
#85
Di-n-octyl phthalate
Concen: 53.903 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:149 Resp: 7702876

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.7	11.5

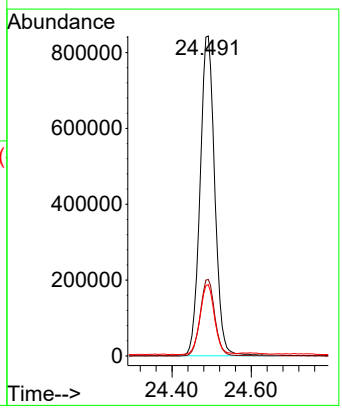


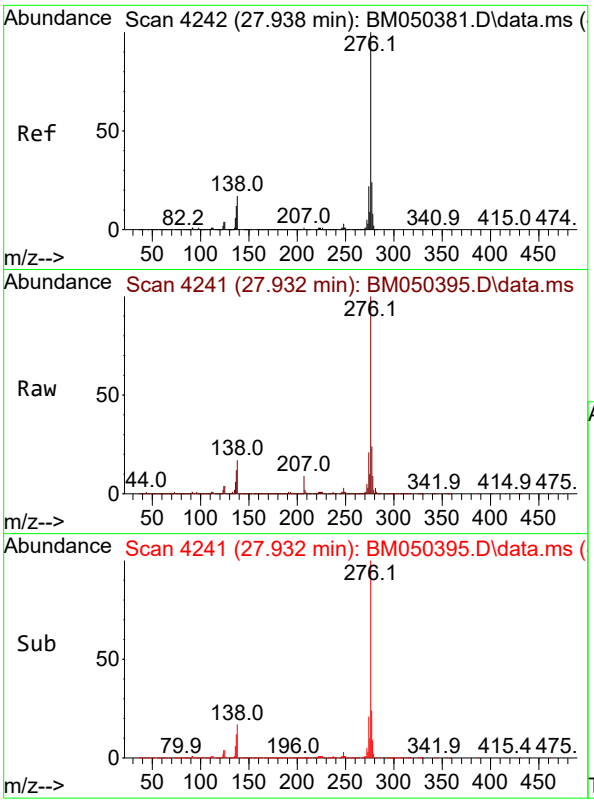


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:264 Resp: 2168246

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.8	26.6



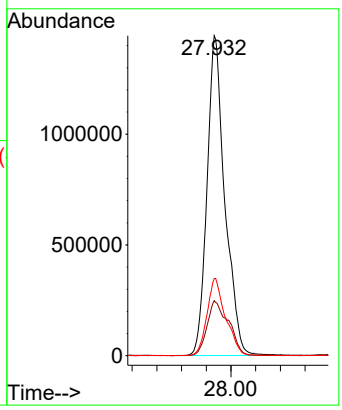


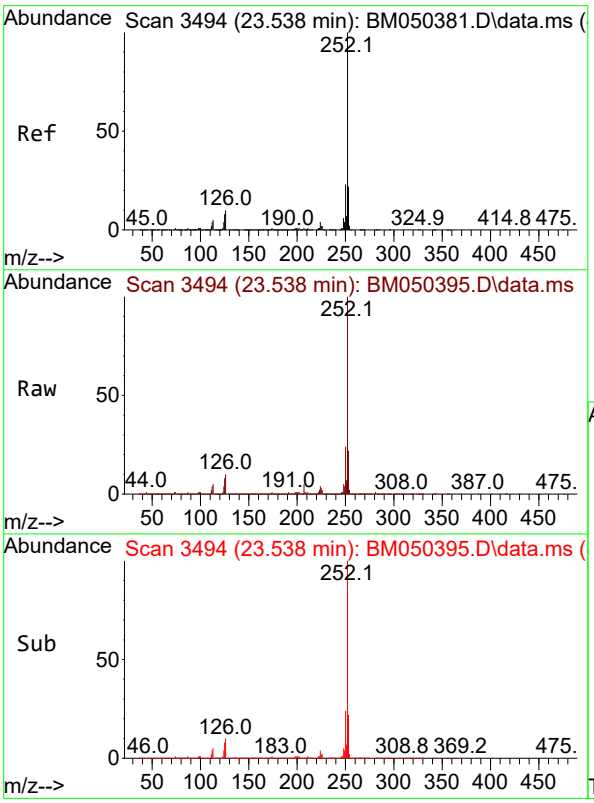
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.132 ng
RT: 27.932 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:276 Resp: 7265894

Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.0	25.6
277	25.0	20.0	30.0

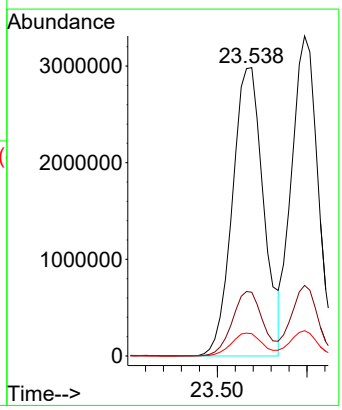


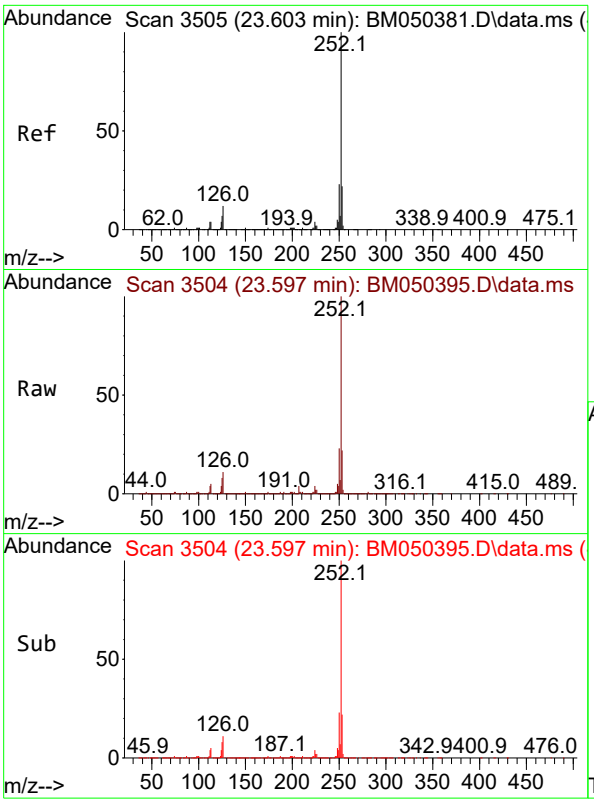


#88
Benzo(b)fluoranthene
Concen: 53.918 ng
RT: 23.538 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:252 Resp: 7190910

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	7.7	6.3	9.5



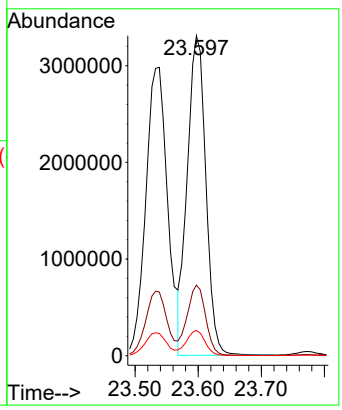


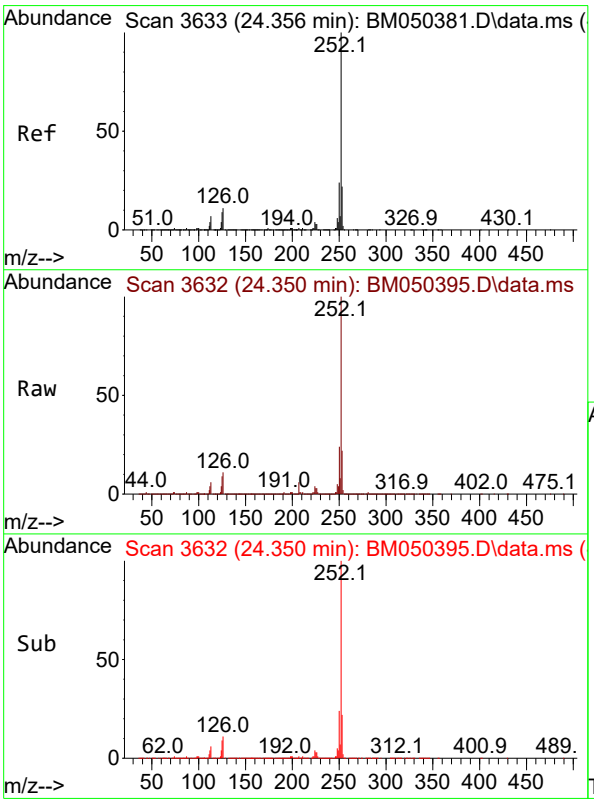
#89
Benzo(k)fluoranthene
Concen: 48.824 ng
RT: 23.597 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:252 Resp: 6756670

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	7.9	6.2	9.2

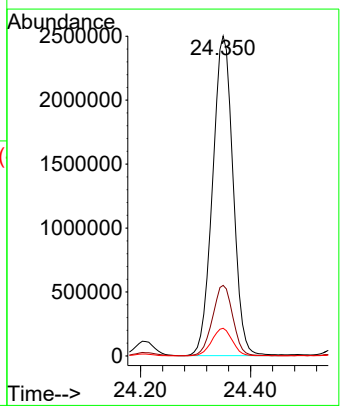


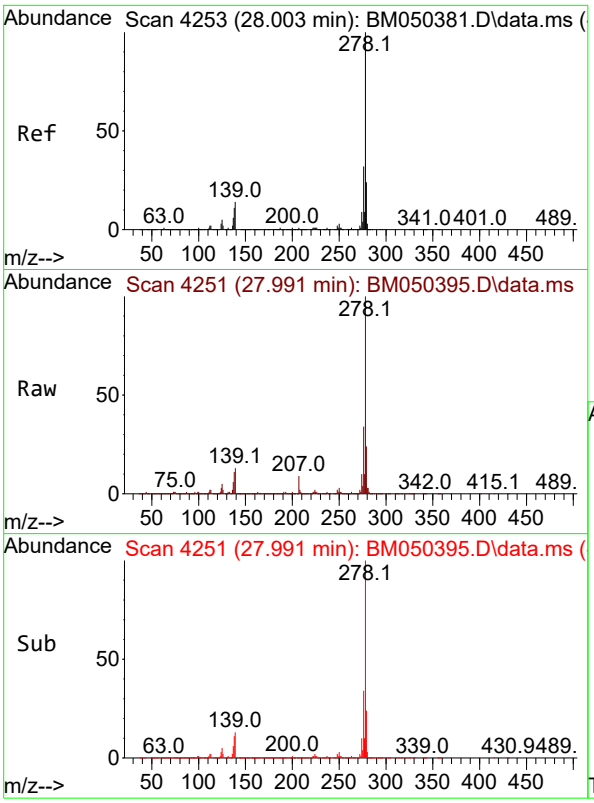


#90
Benzo(a)pyrene
Concen: 51.703 ng
RT: 24.350 min Scan# 3632
Delta R.T. -0.006 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:252 Resp: 6454923

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	8.6	7.0	10.4



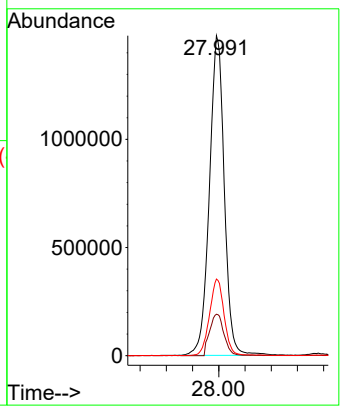


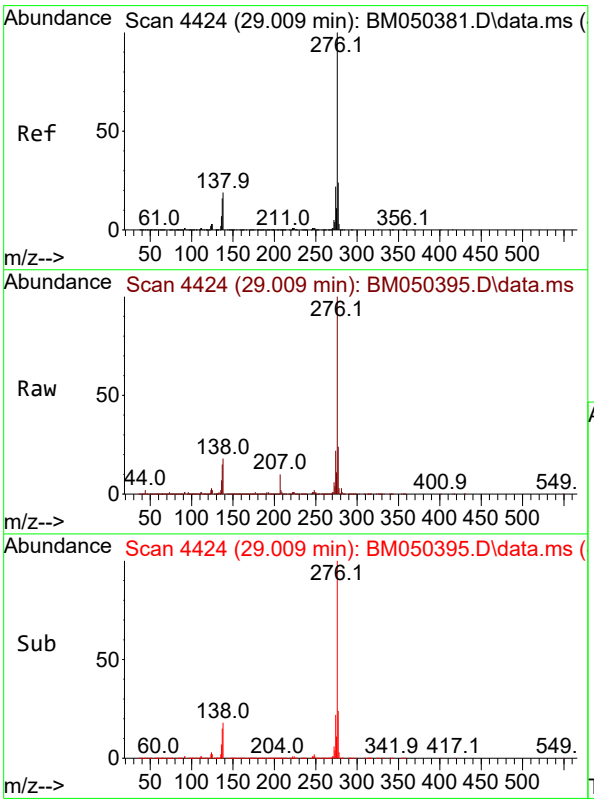
#91
Dibenzo(a,h)anthracene
Concen: 45.023 ng
RT: 27.991 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Instrument :
BNA_M
ClientSampleId :
TP-49MS

Tgt Ion:278 Resp: 5845382

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.8	16.2
279	23.9	19.4	29.0

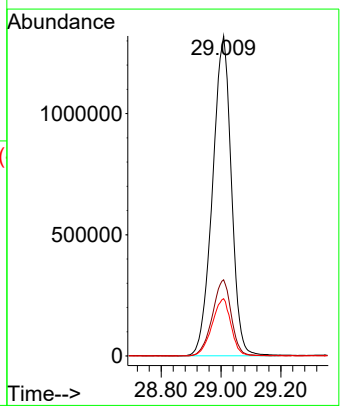




#92
Benzo(g,h,i)perylene
Concen: 47.035 ng
RT: 29.009 min Scan# 4424
Delta R.T. 0.000 min
Lab File: BM050395.D
Acq: 10 Jul 2025 18:38

Tgt Ion:276 Resp: 5771405

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	17.9	14.9	22.3



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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-49MSD	SDG No.:	Q2543
Lab Sample ID:	Q2543-02MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	73.9
Sample Wt/Vol:	30.06 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
BM050396.D	1	07/10/25 09:55	07/10/25 19:18	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1900		210	450	ug/Kg
108-95-2	Phenol	2000		29.8	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		32.8	230	ug/Kg
95-57-8	2-Chlorophenol	2000		33.0	230	ug/Kg
95-48-7	2-Methylphenol	2000		40.4	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		50.6	230	ug/Kg
98-86-2	Acetophenone	1900		39.8	230	ug/Kg
65794-96-9	3+4-Methylphenols	2000		55.5	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1900		64.0	110	ug/Kg
67-72-1	Hexachloroethane	1900		23.8	230	ug/Kg
98-95-3	Nitrobenzene	2000		24.7	230	ug/Kg
78-59-1	Isophorone	2000		44.3	230	ug/Kg
88-75-5	2-Nitrophenol	2300		78.6	230	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		87.5	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		41.6	230	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		38.2	230	ug/Kg
91-20-3	Naphthalene	1900		30.7	230	ug/Kg
106-47-8	4-Chloroaniline	640		47.8	230	ug/Kg
87-68-3	Hexachlorobutadiene	2000		34.2	230	ug/Kg
105-60-2	Caprolactam	2100		70.4	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		38.8	230	ug/Kg
91-57-6	2-Methylnaphthalene	2000		34.6	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4200	E	160	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		26.7	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2200		39.3	230	ug/Kg
92-52-4	1,1-Biphenyl	2000		29.4	230	ug/Kg
91-58-7	2-Chloronaphthalene	2000		30.4	230	ug/Kg
88-74-4	2-Nitroaniline	2200		65.0	230	ug/Kg
131-11-3	Dimethylphthalate	2000		36.6	230	ug/Kg

Raw Data: **BM050396.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-49MSD	SDG No.:	Q2543
Lab Sample ID:	Q2543-02MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	73.9
Sample Wt/Vol:	30.06 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
BM050396.D	1	07/10/25 09:55	07/10/25 19:18	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2100		39.0	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		45.4	230	ug/Kg
99-09-2	3-Nitroaniline	940		62.1	230	ug/Kg
83-32-9	Acenaphthene	2100		28.8	230	ug/Kg
51-28-5	2,4-Dinitrophenol	3500		310	450	ug/Kg
100-02-7	4-Nitrophenol	4300	E	140	450	ug/Kg
132-64-9	Dibenzofuran	2000		30.7	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		67.7	230	ug/Kg
84-66-2	Diethylphthalate	2000		38.2	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000		36.1	230	ug/Kg
86-73-7	Fluorene	2000		34.2	230	ug/Kg
100-01-6	4-Nitroaniline	1800		86.7	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		140	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		44.4	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2200		37.5	230	ug/Kg
118-74-1	Hexachlorobenzene	2100		34.2	230	ug/Kg
1912-24-9	Atrazine	2200		45.9	230	ug/Kg
87-86-5	Pentachlorophenol	4500	E	69.3	450	ug/Kg
85-01-8	Phenanthrene	2000		28.2	230	ug/Kg
120-12-7	Anthracene	2100		45.0	230	ug/Kg
86-74-8	Carbazole	2000		42.1	230	ug/Kg
84-74-2	Di-n-butylphthalate	2200		64.7	230	ug/Kg
206-44-0	Fluoranthene	2200		40.5	230	ug/Kg
129-00-0	Pyrene	2600		48.6	230	ug/Kg
85-68-7	Butylbenzylphthalate	2600		96.4	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		49.6	450	ug/Kg
56-55-3	Benzo(a)anthracene	2200		31.1	230	ug/Kg
218-01-9	Chrysene	2200		26.9	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2400		79.9	230	ug/Kg
117-84-0	Di-n-octyl phthalate	2400		120	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		25.7	230	ug/Kg

Raw Data: **BM050396.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-49MSD	SDG No.:	Q2543
Lab Sample ID:	Q2543-02MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	73.9
Sample Wt/Vol:	30.06 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
BM050396.D	1	07/10/25 09:55	07/10/25 19:18	PB168787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2200		30.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	2300		39.8	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		39.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		37.0	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2200		34.7	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		34.6	230	ug/Kg
123-91-1	1,4-Dioxane	1600		61.0	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200		37.0	230	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	96.6		18 - 112	64%	SPK: 150
13127-88-3	Phenol-d6	96.5		15 - 107	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.3		18 - 107	59%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.6		20 - 109	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		10 - 116	73%	SPK: 150
1718-51-0	Terphenyl-d14	70.1		10 - 105	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	615000	7.863			
1146-65-2	Naphthalene-d8	2250000	10.663			
15067-26-2	Acenaphthene-d10	1410000	14.492			
1517-22-2	Phenanthrene-d10	2620000	17.227			
1719-03-5	Chrysene-d12	2230000	21.451			
1520-96-3	Perylene-d12	2050000	24.491			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050396.D
Acq On : 10 Jul 2025 19:18
Operator : RC/JU
Sample : Q2543-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Quant Time: Jul 11 01:52:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	614645	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	2249894	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1411021	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	2620467	20.000	ng	0.00
76) Chrysene-d12	21.451	240	2225729	20.000	ng	0.00
86) Perylene-d12	24.491	264	2052956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3450988	96.645	ng	0.00
7) Phenol-d6	7.022	99	4344227	96.509	ng	0.00
23) Nitrobenzene-d5	9.016	82	2617238	59.348	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1874382	109.331	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	6585454	57.636	ng	0.00
79) Terphenyl-d14	19.839	244	8872887	70.141	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	526142	35.833	ng	99
3) Pyridine	3.728	79	1463732	37.971	ng	98
4) n-Nitrosodimethylamine	3.634	42	731084	40.681	ng	97
6) Aniline	7.187	93	1600639	27.708	ng	99
8) 2-Chlorophenol	7.428	128	1699282	45.131	ng	98
9) Benzaldehyde	6.999	77	1120841	41.859	ng	96
10) Phenol	7.051	94	2089530	44.506	ng	98
11) bis(2-Chloroethyl)ether	7.281	93	1577914	41.966	ng	99
12) 1,3-Dichlorobenzene	7.751	146	1892834	41.343	ng	97
13) 1,4-Dichlorobenzene	7.898	146	1933687	41.363	ng	100
14) 1,2-Dichlorobenzene	8.216	146	1850913	41.355	ng	99
15) Benzyl Alcohol	8.098	79	1388018	43.764	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	2226210	40.197	ng	99
17) 2-Methylphenol	8.298	107	1348199	44.275	ng	98
18) Hexachloroethane	8.951	117	687851	41.837	ng	96
19) n-Nitroso-di-n-propyla...	8.669	70	1174078	43.055	ng	97
20) 3+4-Methylphenols	8.628	107	1805050	44.157	ng	100
22) Acetophenone	8.681	105	2412140	42.880	ng	98
24) Nitrobenzene	9.057	77	1710224	43.459	ng	99
25) Isophorone	9.592	82	3170615	44.307	ng	99
26) 2-Nitrophenol	9.769	139	815863	50.869	ng	99
27) 2,4-Dimethylphenol	9.834	122	1556239	45.599	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	2067416	43.600	ng	99
29) 2,4-Dichlorophenol	10.304	162	1647503	46.988	ng	99
30) 1,2,4-Trichlorobenzene	10.522	180	1834623	43.739	ng	99
31) Naphthalene	10.710	128	4898926	42.868	ng	100
32) Benzoic acid	9.969	122	955570	45.912	ng	99
33) 4-Chloroaniline	10.810	127	691231	14.308	ng	100
34) Hexachlorobutadiene	11.004	225	1137979	44.452	ng	99
35) Caprolactam	11.586	113	441432m	46.119	ng	
36) 4-Chloro-3-methylphenol	11.934	107	1526443	46.620	ng	99
37) 2-Methylnaphthalene	12.322	142	3205261	44.421	ng	98
38) 1-Methylnaphthalene	12.539	142	3329442	43.600	ng	99
40) 1,2,4,5-Tetrachloroben...	12.686	216	2132078	47.515	ng	99
41) Hexachlorocyclopentadiene	12.675	237	2667684	93.007	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	1352682	48.974	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050396.D
Acq On : 10 Jul 2025 19:18
Operator : RC/JU
Sample : Q2543-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Quant Time: Jul 11 01:52:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

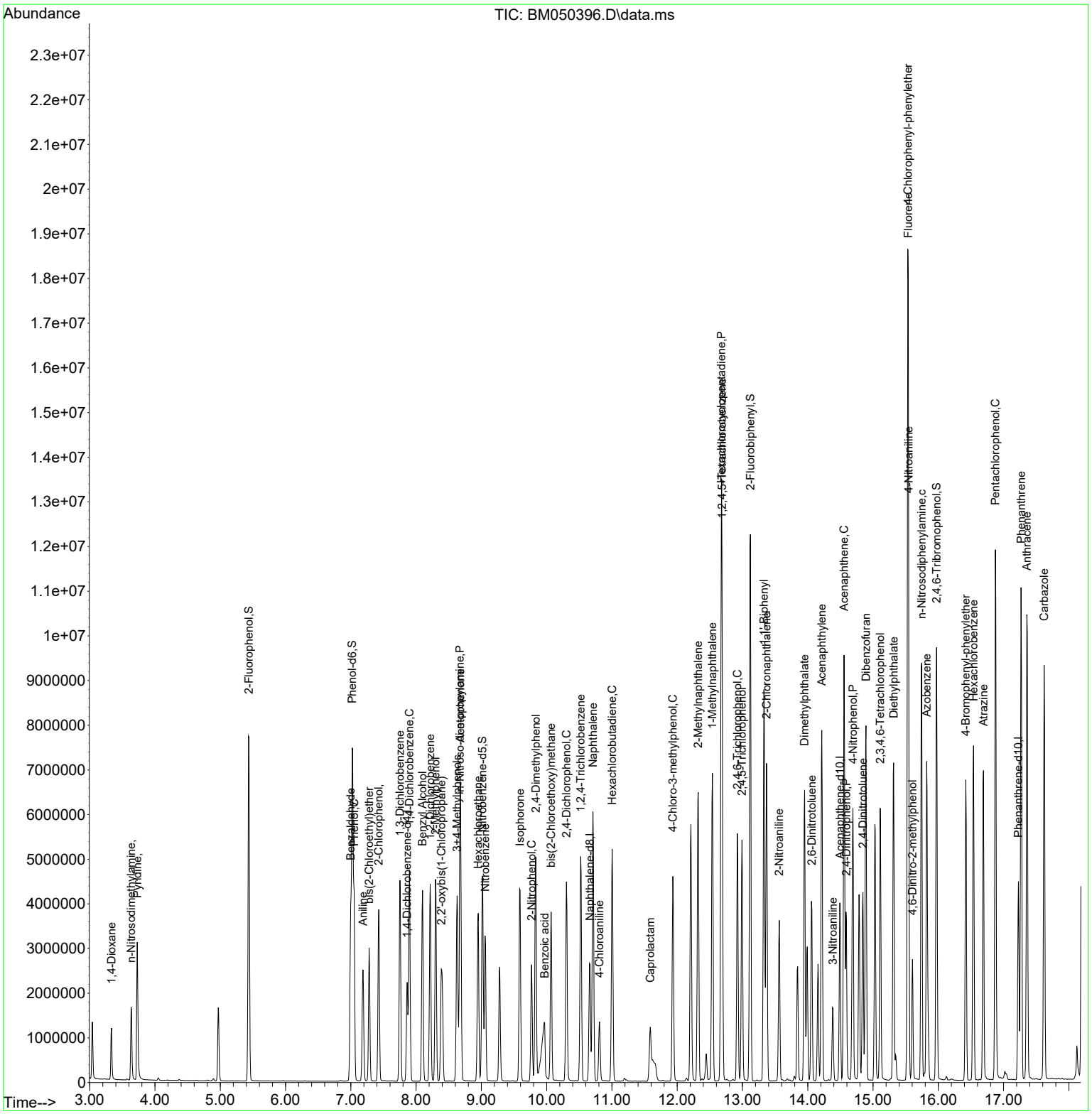
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1463609	48.520	ng		98
46) 1,1'-Biphenyl	13.328	154	4649485	44.413	ng		100
47) 2-Chloronaphthalene	13.369	162	3667702	43.941	ng		99
48) 2-Nitroaniline	13.563	65	904642	48.555	ng		96
49) Acenaphthylene	14.216	152	5761234	45.671	ng		99
50) Dimethylphthalate	13.951	163	4319990	44.469	ng		100
51) 2,6-Dinitrotoluene	14.063	165	901694	48.342	ng		96
52) Acenaphthene	14.557	154	3802891	47.419	ng		100
53) 3-Nitroaniline	14.386	138	413233	20.832	ng		98
54) 2,4-Dinitrophenol	14.592	184	800108	77.919	ng	#	83
55) Dibenzofuran	14.892	168	5391696	43.633	ng		99
56) 4-Nitrophenol	14.692	139	1635097	95.852	ng		92
57) 2,4-Dinitrotoluene	14.845	165	1264089	45.426	ng		97
58) Fluorene	15.539	166	4571931	44.919	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	1225508	48.262	ng		98
60) Diethylphthalate	15.316	149	4182651	45.073	ng		100
61) 4-Chlorophenyl-phenyle...	15.533	204	2412571	45.332	ng		97
62) 4-Nitroaniline	15.545	138	898277	39.854	ng		98
63) Azobenzene	15.821	77	4023579	47.219	ng		99
65) 4,6-Dinitro-2-methylph...	15.604	198	583318	42.265	ng		93
66) n-Nitrosodiphenylamine	15.745	169	3786842	46.182	ng		100
67) 4-Bromophenyl-phenylether	16.421	248	1395382	48.331	ng		98
68) Hexachlorobenzene	16.539	284	1591047	46.659	ng		96
69) Atrazine	16.692	200	1315239	48.847	ng		100
70) Pentachlorophenol	16.874	266	2107205	99.269	ng		100
71) Phenanthrene	17.268	178	6667527	44.966	ng		100
72) Anthracene	17.357	178	6745323	45.700	ng		100
73) Carbazole	17.621	167	5906740	44.228	ng		100
74) Di-n-butylphthalate	18.198	149	6999012	47.880	ng		100
75) Fluoranthene	19.274	202	8007356	49.674	ng		99
77) Benzidine	19.451	184	4081856	71.901	ng		100
78) Pyrene	19.639	202	8094743	56.786	ng		100
80) Butylbenzylphthalate	20.533	149	2664337	56.685	ng		99
81) Benzo(a)anthracene	21.433	228	7089619	48.887	ng		99
82) 3,3'-Dichlorobenzidine	21.351	252	1157046	23.658	ng		100
83) Chrysene	21.498	228	6589909	48.177	ng		100
84) Bis(2-ethylhexyl)phtha...	21.368	149	3966910	53.165	ng		97
85) Di-n-octyl phthalate	22.515	149	6199820	53.052	ng		99
87) Indeno(1,2,3-cd)pyrene	27.938	276	7120824	48.785	ng		99
88) Benzo(b)fluoranthene	23.533	252	6338332	50.194	ng		100
89) Benzo(k)fluoranthene	23.597	252	6281505	47.940	ng		100
90) Benzo(a)pyrene	24.344	252	5972104	50.522	ng		100
91) Dibenzo(a,h)anthracene	27.991	278	5721036	46.540	ng		100
92) Benzo(g,h,i)perylene	29.003	276	5692682	48.999	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050396.D
Acq On : 10 Jul 2025 19:18
Operator : RC/JU
Sample : Q2543-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Quant Time: Jul 11 01:52:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

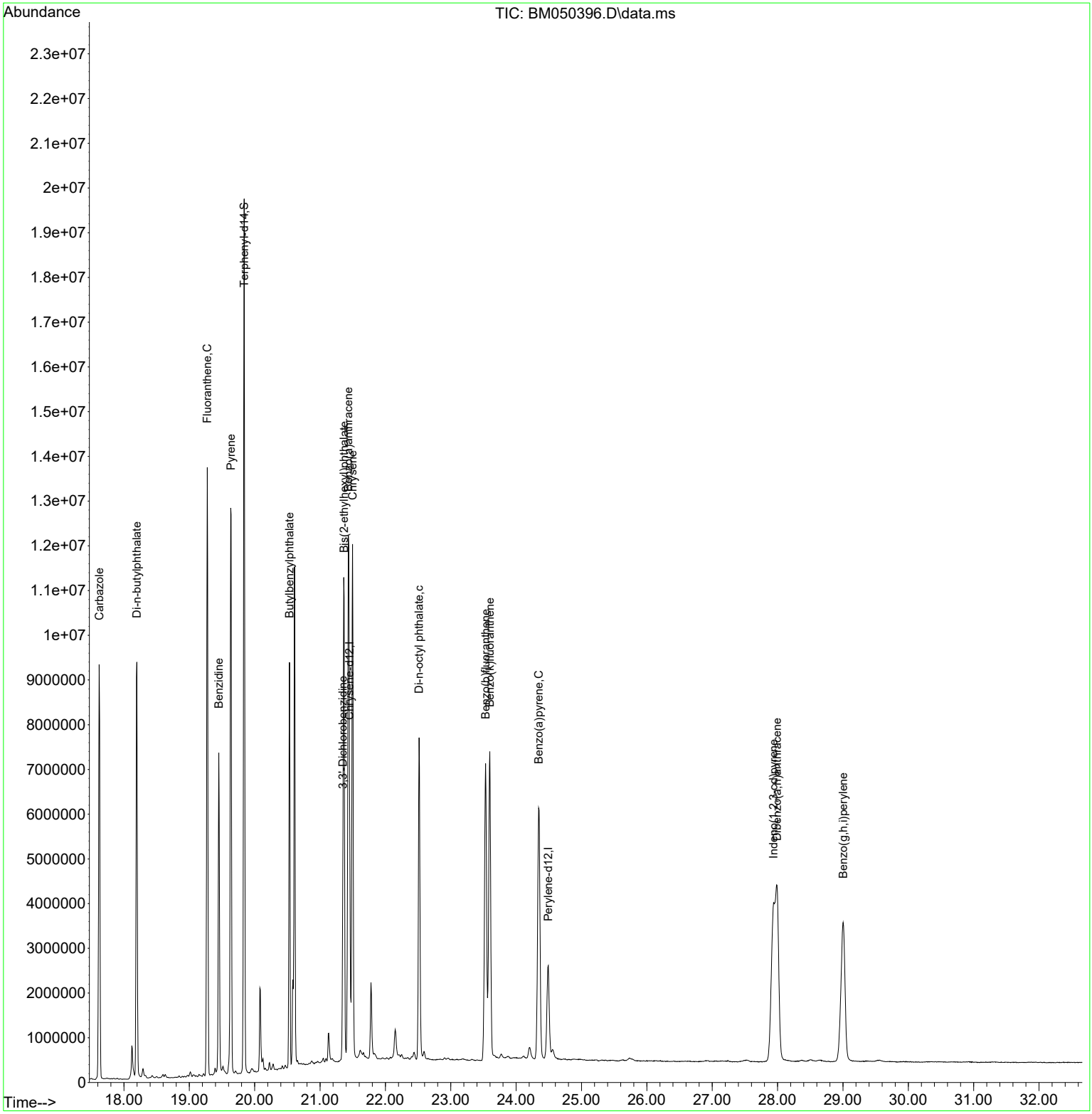


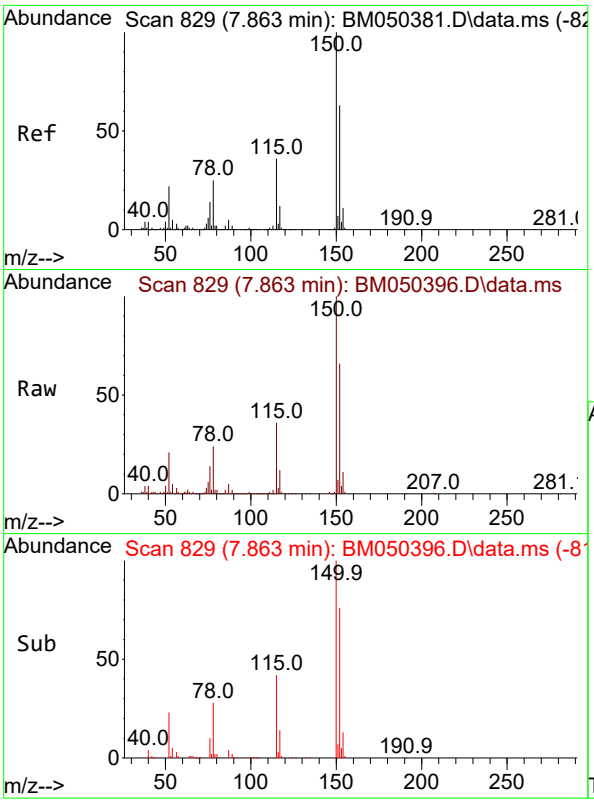
Sample Results: **BM050396.D**

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Data File : BM050396.D
Acq On : 10 Jul 2025 19:18
Operator : RC/JU
Sample : Q2543-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Quant Time: Jul 11 01:52:53 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



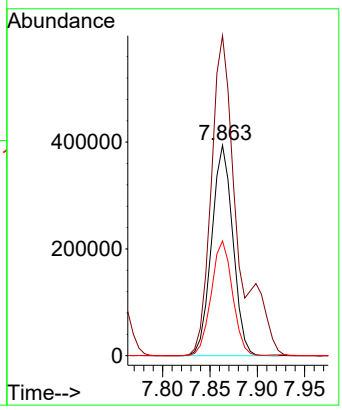


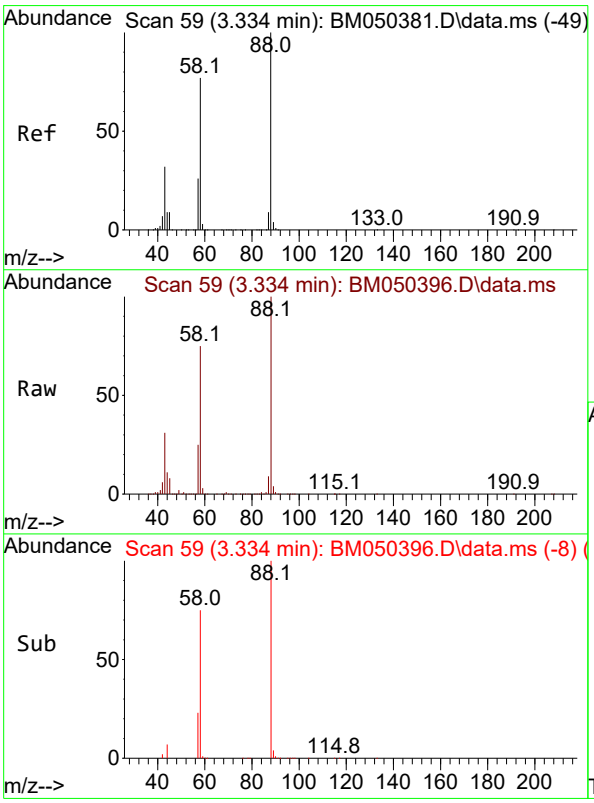
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:152 Resp: 614645

Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.2	189.4
115	54.5	45.8	68.8

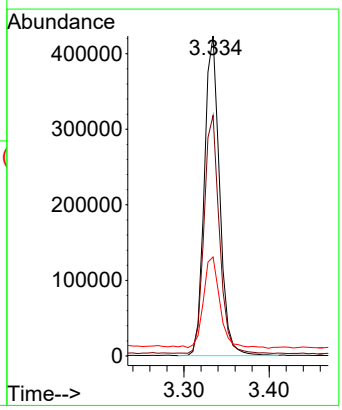


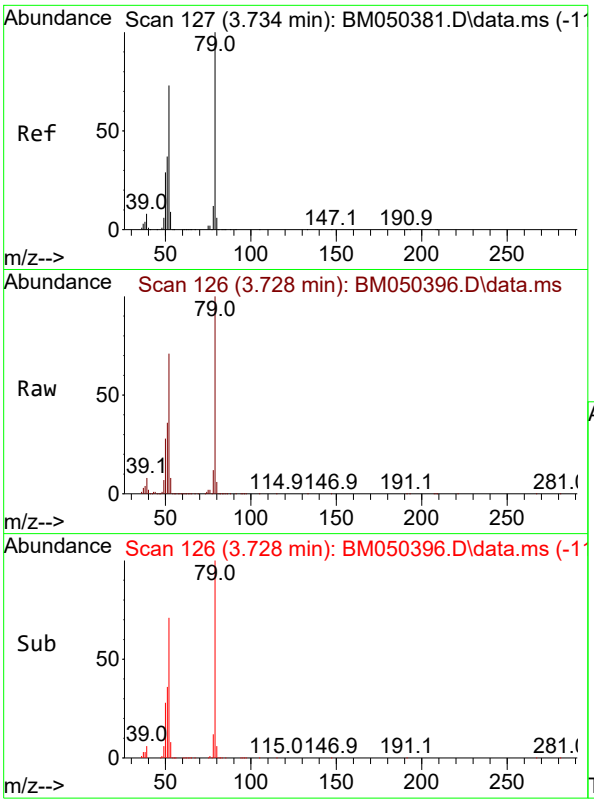


#2
1,4-Dioxane
Concen: 35.833 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion: 88 Resp: 526142

Ion	Ratio	Lower	Upper
88	100		
58	75.0	61.0	91.6
43	31.0	24.6	37.0



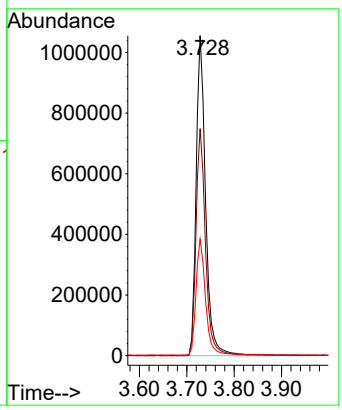


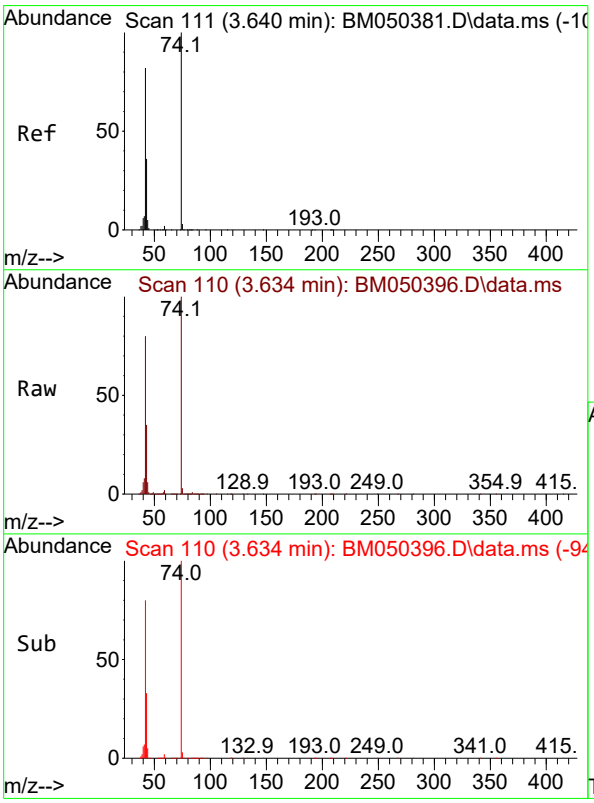
#3
Pyridine
Concen: 37.971 ng
RT: 3.728 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion: 79 Resp: 1463732

Ion	Ratio	Lower	Upper
79	100		
52	70.9	58.3	87.5
51	36.4	29.6	44.4

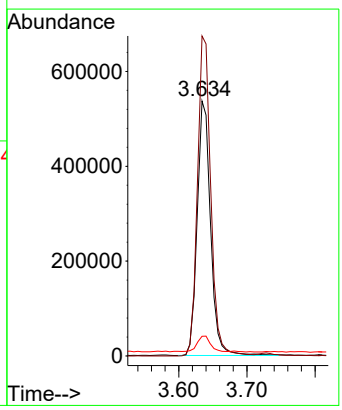


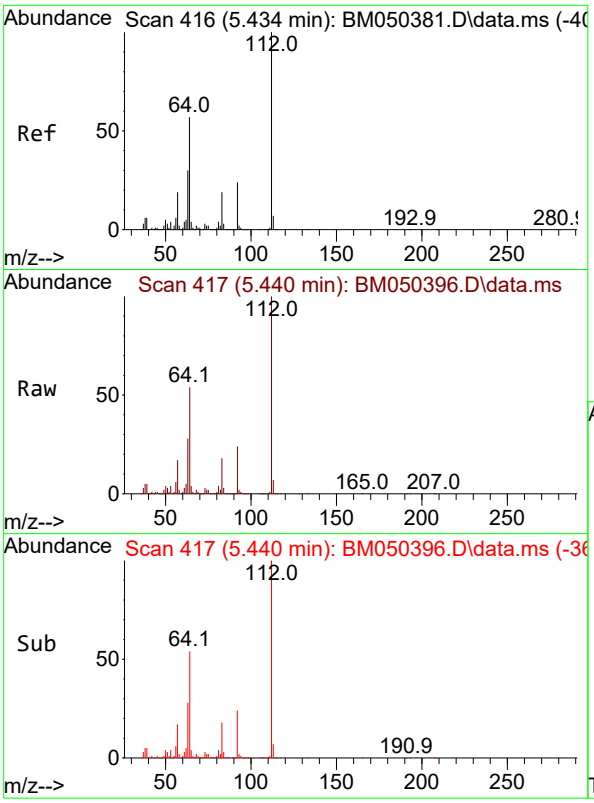


#4
n-Nitrosodimethylamine
Concen: 40.681 ng
RT: 3.634 min Scan# 110
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion: 42 Resp: 731084

Ion	Ratio	Lower	Upper
42	100		
74	125.5	97.5	146.3
44	7.7	5.7	8.5



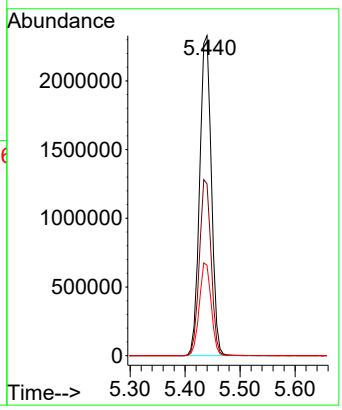


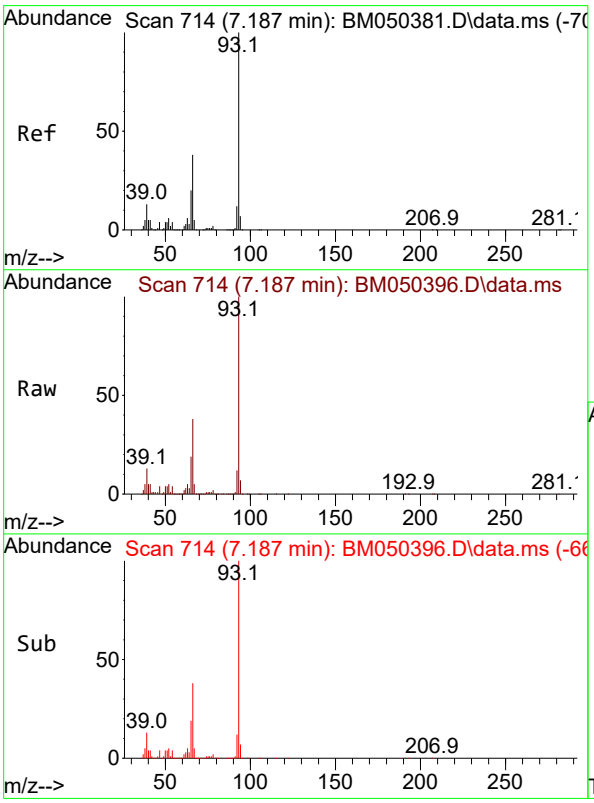
#5
2-Fluorophenol
Concen: 96.645 ng
RT: 5.440 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:112 Resp: 3450988

Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.5	68.3
63	28.2	24.2	36.4

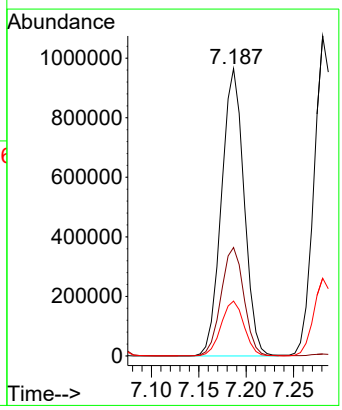


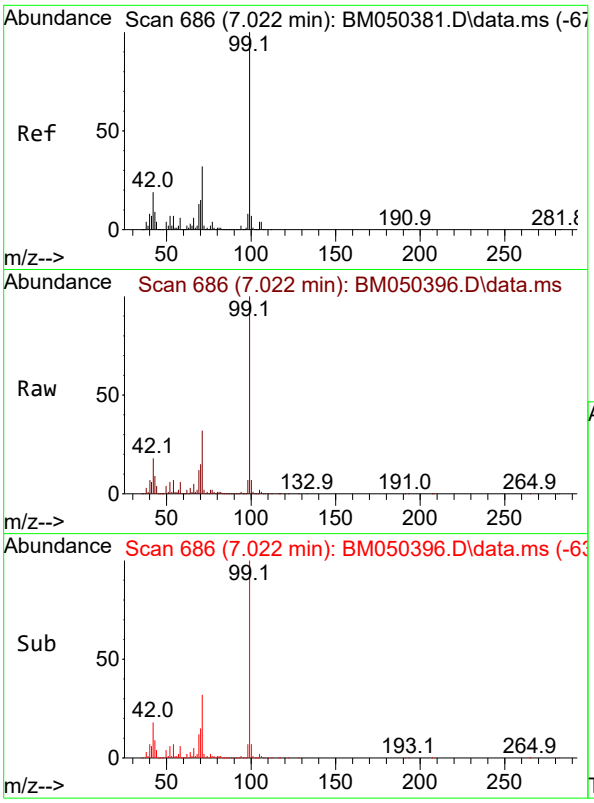


#6
Aniline
Concen: 27.708 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion: 93 Resp: 1600639

Ion	Ratio	Lower	Upper
93	100		
66	37.8	30.5	45.7
65	19.1	15.9	23.9



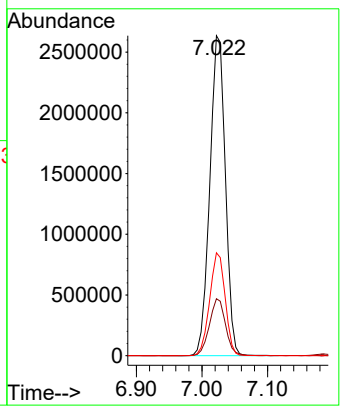


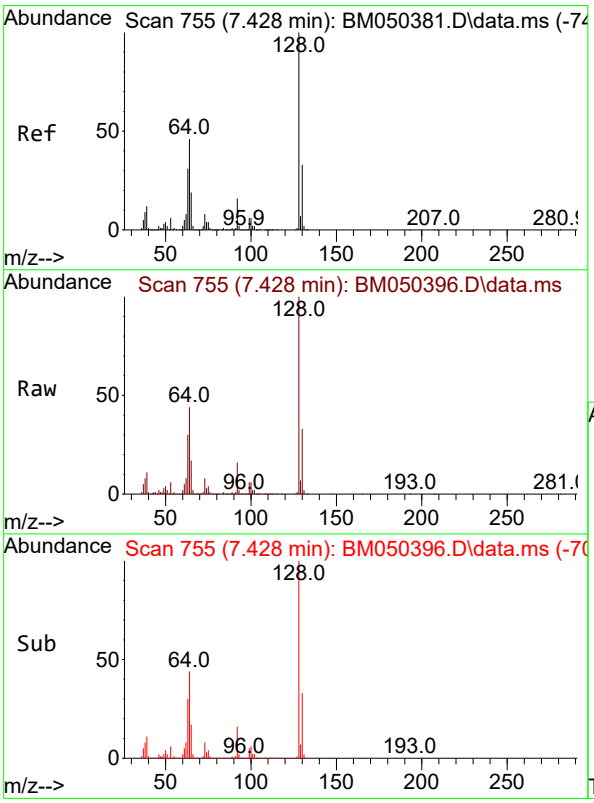
#7
Phenol-d6
Concen: 96.509 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion: 99 Resp: 4344227

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.6
71	32.1	25.9	38.9

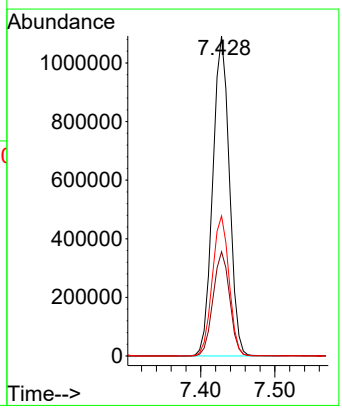


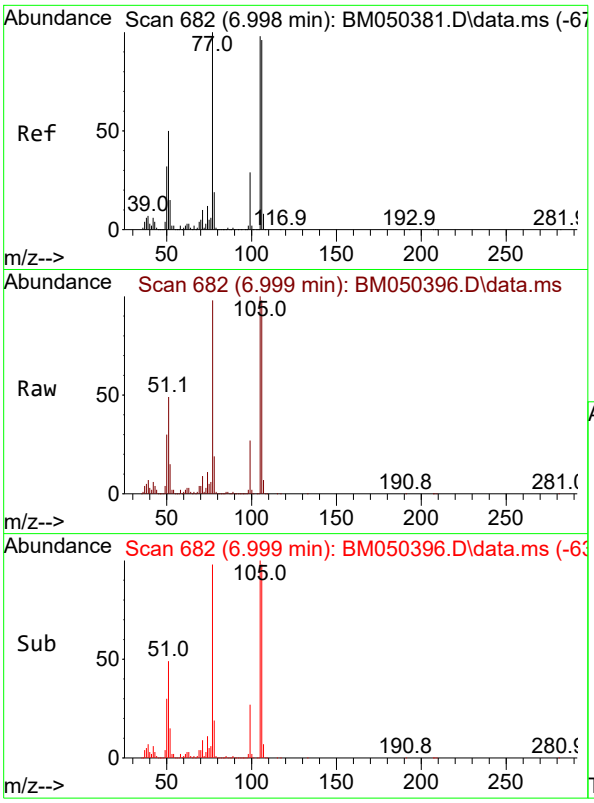


#8
2-Chlorophenol
Concen: 45.131 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:128 Resp: 1699282

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.3	53.3
64	43.8	25.6	65.6



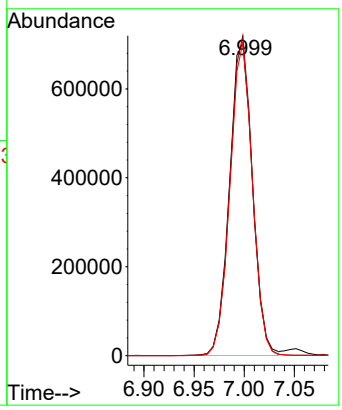


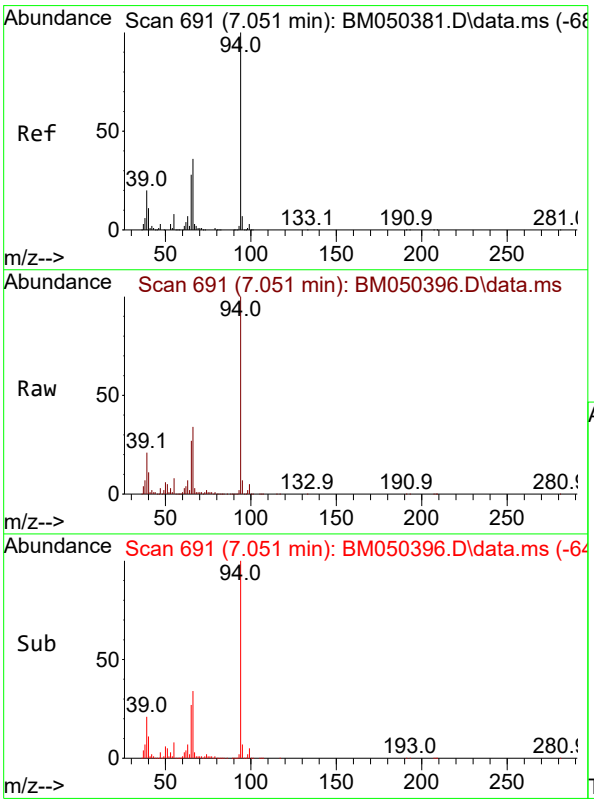
#9
Benzaldehyde
Concen: 41.859 ng
RT: 6.999 min Scan# 6
Delta R.T. 0.001 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion: 77 Resp: 1120841

Ion	Ratio	Lower	Upper
77	100		
105	102.2	78.4	118.4
106	100.0	76.3	116.3

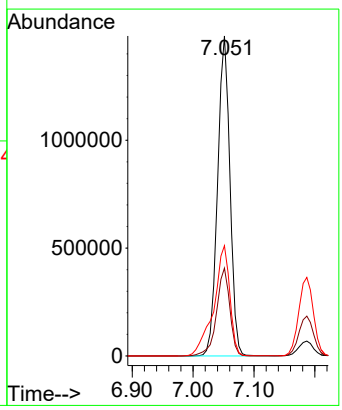


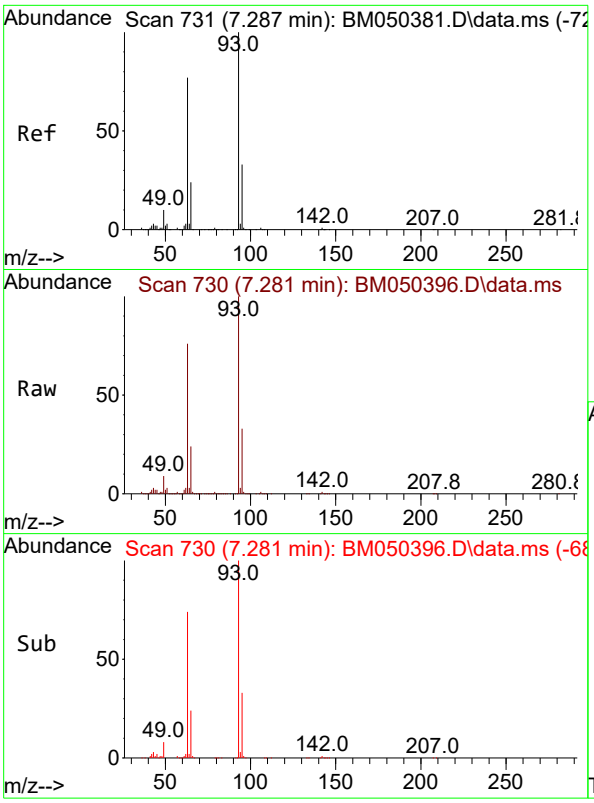


#10
Phenol
Concen: 44.506 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion: 94 Resp: 2089530

Ion	Ratio	Lower	Upper
94	100		
65	27.5	8.1	48.1
66	34.4	15.8	55.8



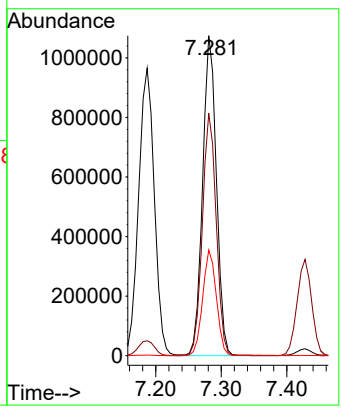


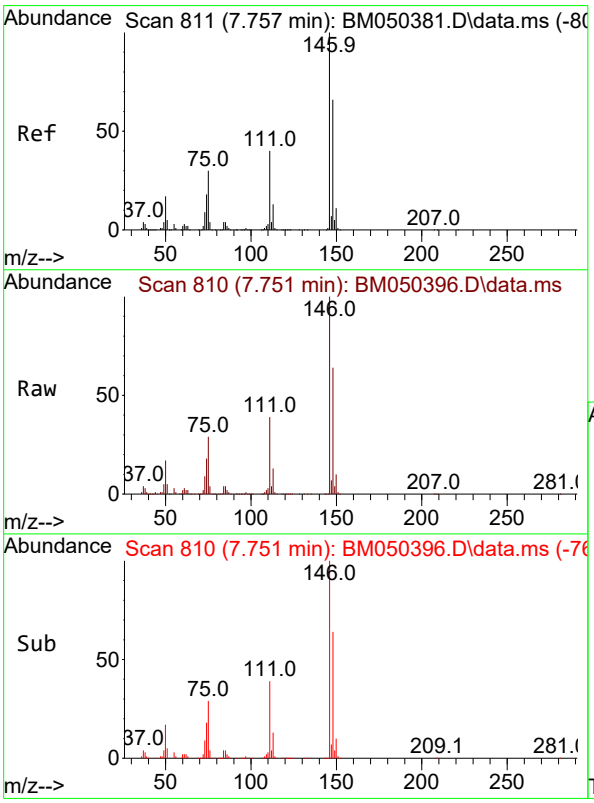
#11
bis(2-Chloroethyl)ether
Concen: 41.966 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion: 93 Resp: 1577914

Ion	Ratio	Lower	Upper
93	100		
63	75.7	56.9	96.9
95	33.0	12.6	52.6

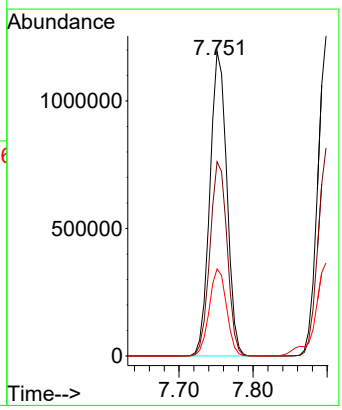


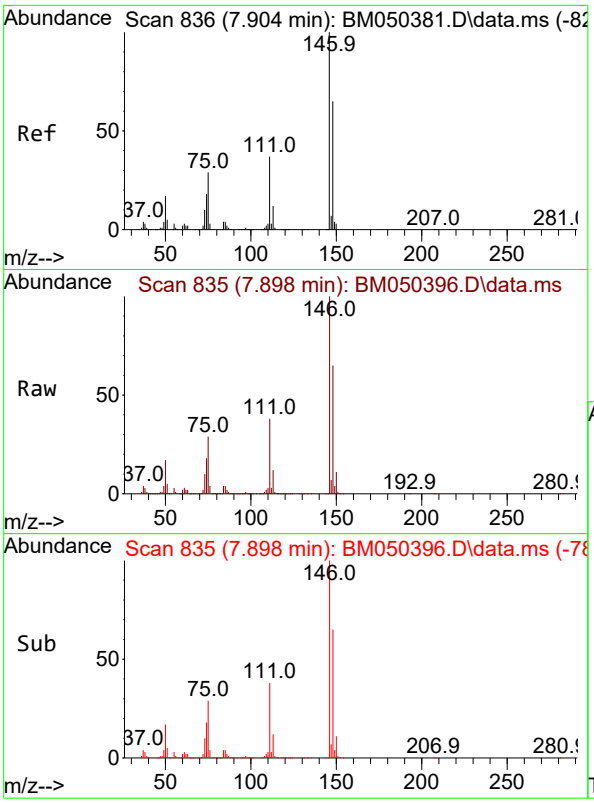


#12
1,3-Dichlorobenzene
Concen: 41.343 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:146 Resp: 1892834

Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.2	79.8
75	28.6	23.9	35.9



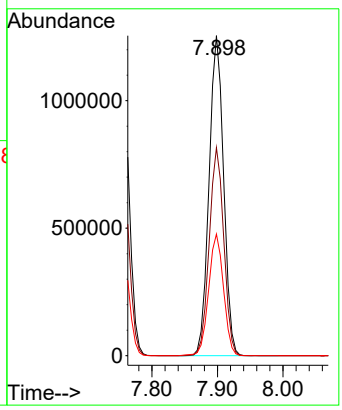


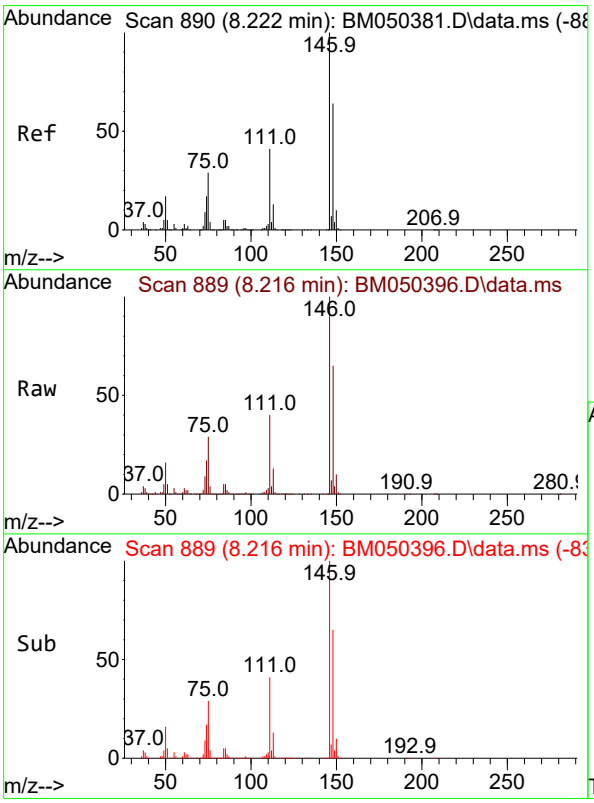
#13
1,4-Dichlorobenzene
Concen: 41.363 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:146 Resp: 1933687

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	38.0	30.0	45.0

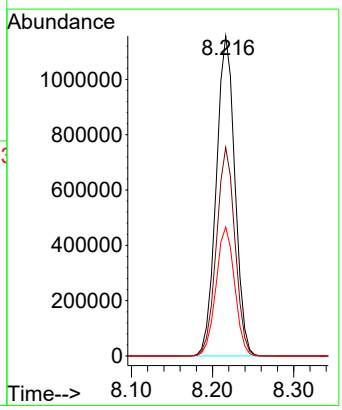


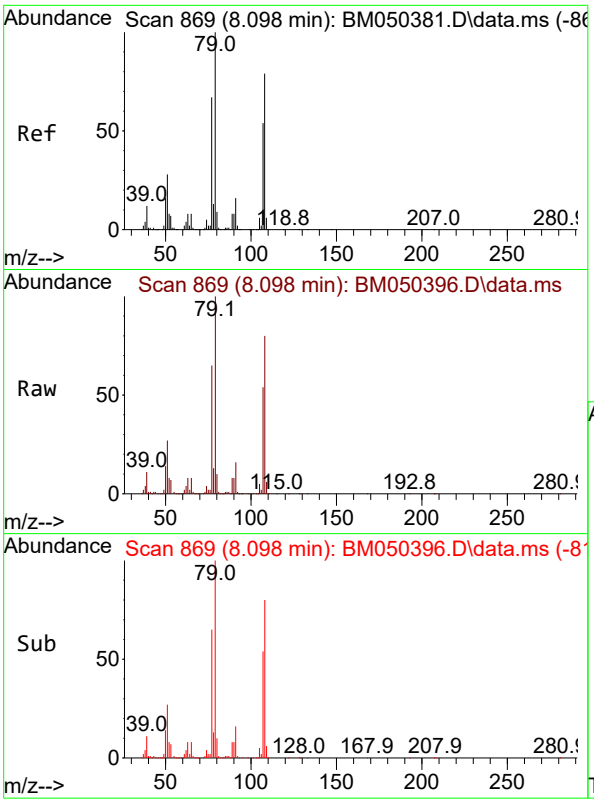


#14
1,2-Dichlorobenzene
Concen: 41.355 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:146 Resp: 1850913

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.5	77.3
111	40.3	32.6	49.0



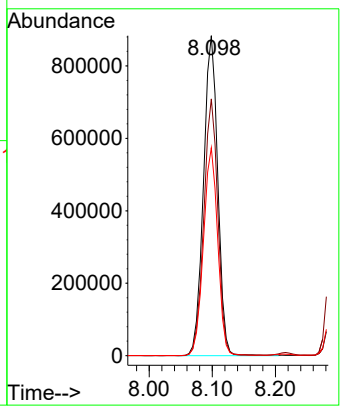


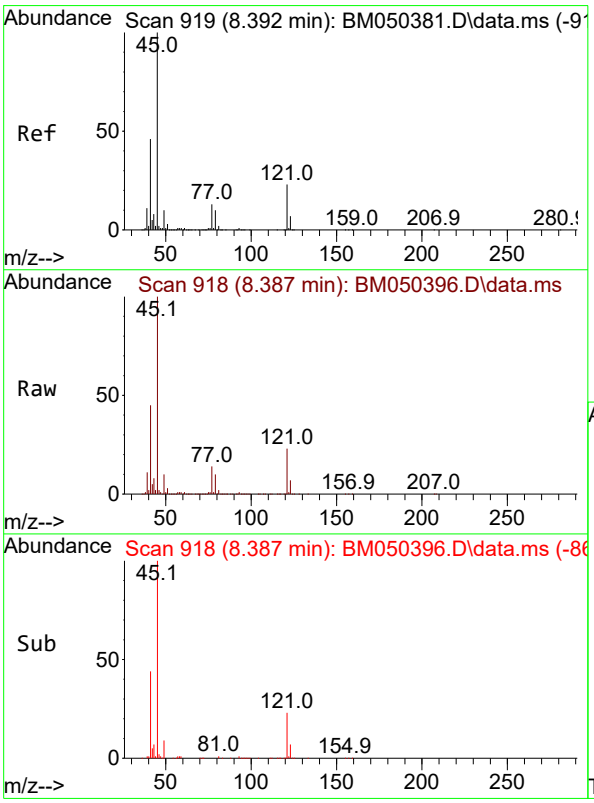
#15
Benzyl Alcohol
Concen: 43.764 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion: 79 Resp: 1388018

Ion	Ratio	Lower	Upper
79	100		
108	80.3	63.0	94.4
77	65.0	53.4	80.0

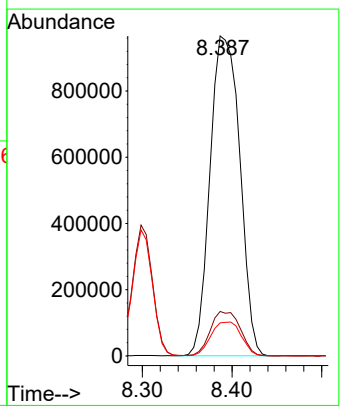


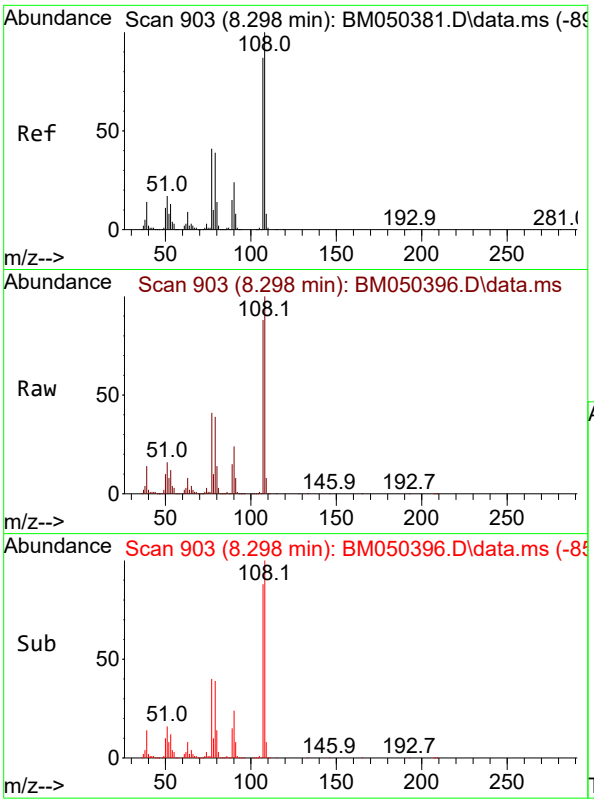


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.197 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion: 45 Resp: 2226210

Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.5
79	10.3	0.0	30.3



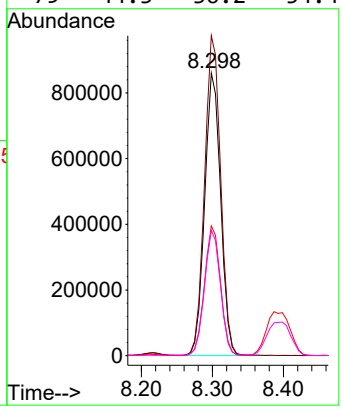


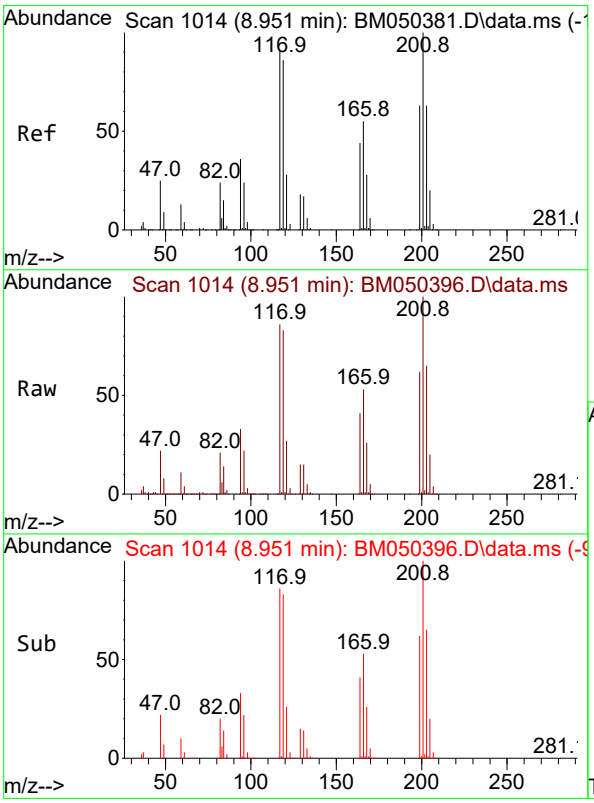
#17
2-Methylphenol
Concen: 44.275 ng
RT: 8.298 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:107 Resp: 1348199

Ion	Ratio	Lower	Upper
107	100		
108	113.3	92.1	138.1
77	45.9	38.2	57.4
79	44.3	36.2	54.4

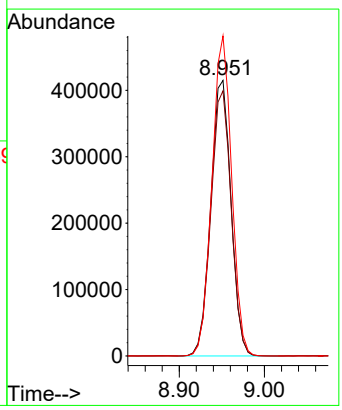


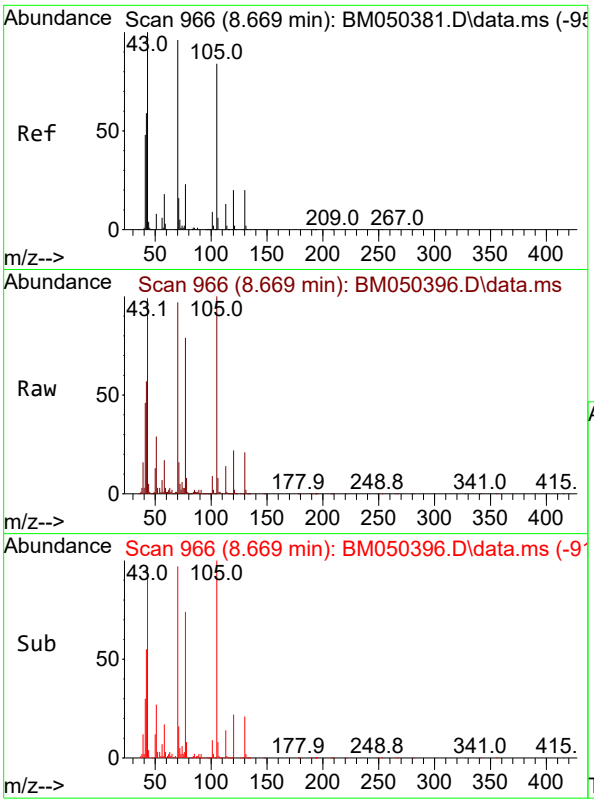


#18
Hexachloroethane
Concen: 41.837 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:117 Resp: 687851

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.6	113.4
201	116.1	87.9	131.9



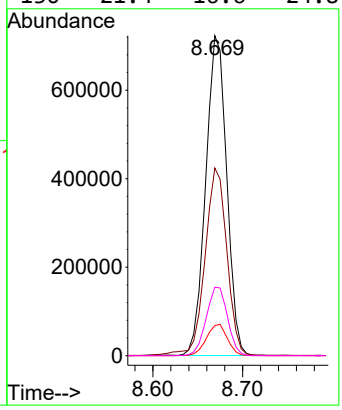


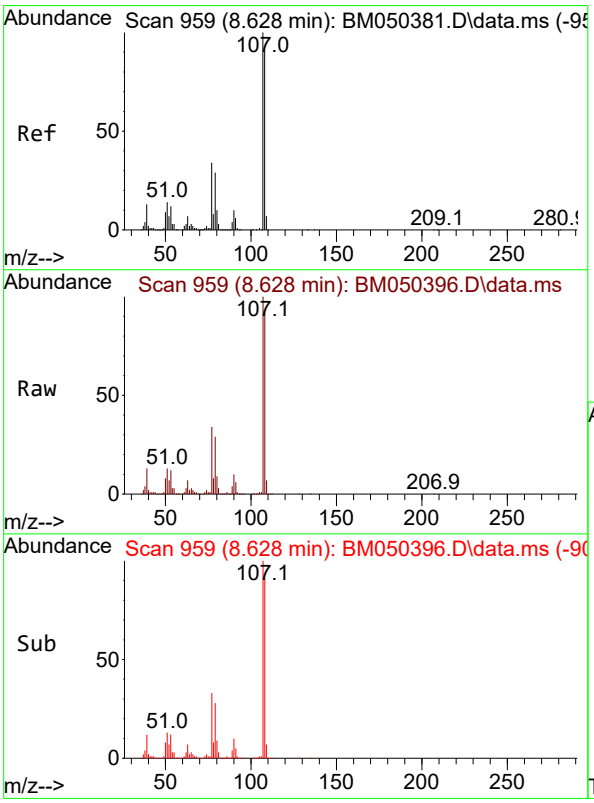
#19
n-Nitroso-di-n-propylamine
Concen: 43.055 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion: 70 Resp: 1174078

Ion	Ratio	Lower	Upper
70	100		
42	58.6	49.7	74.5
101	9.4	7.7	11.5
130	21.4	16.6	24.8

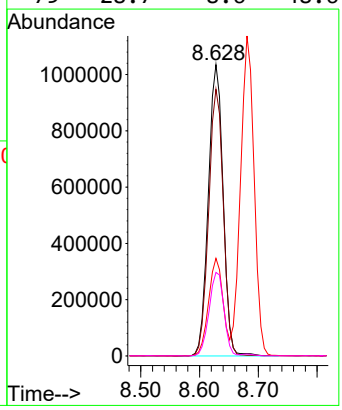


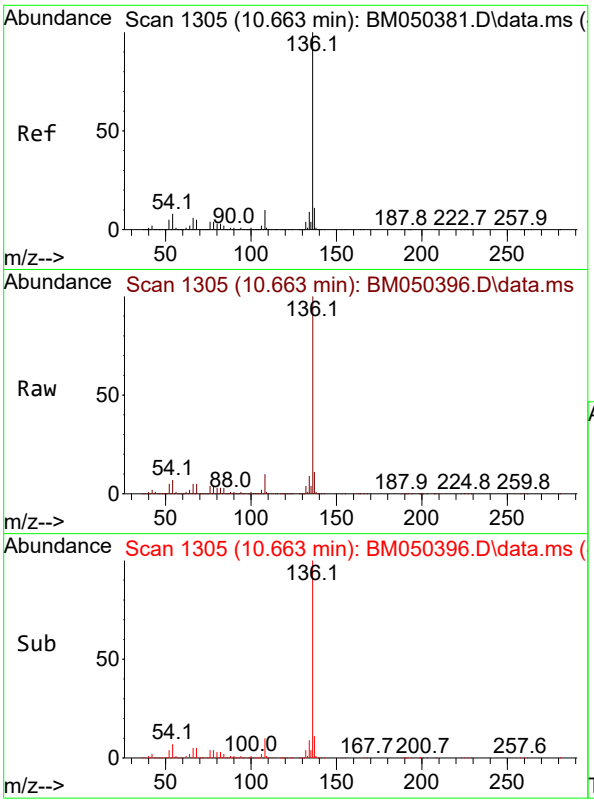


#20
3+4-Methylphenols
Concen: 44.157 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:107 Resp: 1805050

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	33.5	13.7	53.7
79	28.7	8.6	48.6



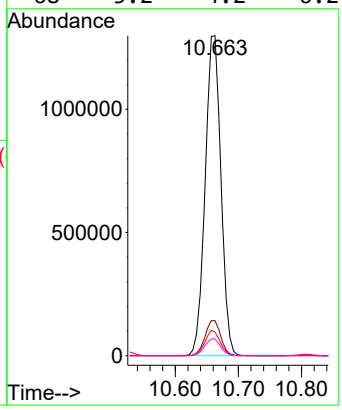


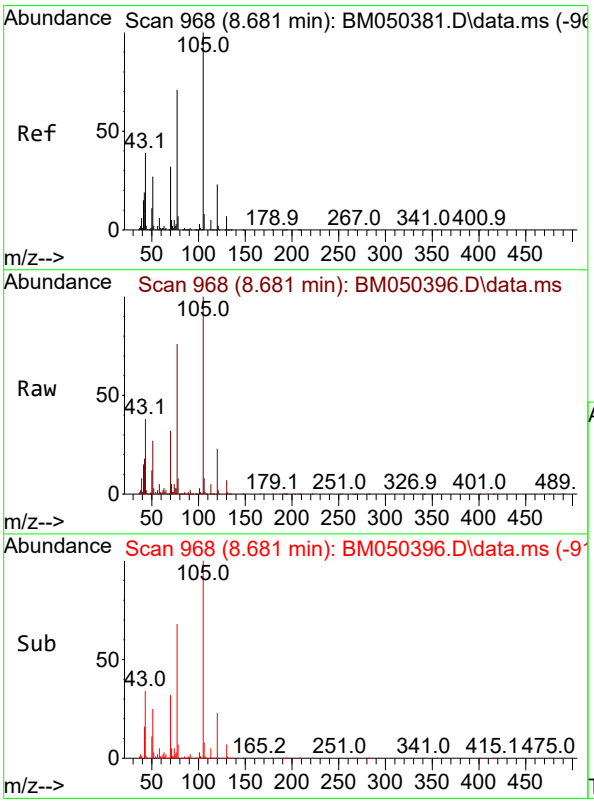
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:136 Resp: 2249894

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	6.3	9.5
68	5.2	4.2	6.2

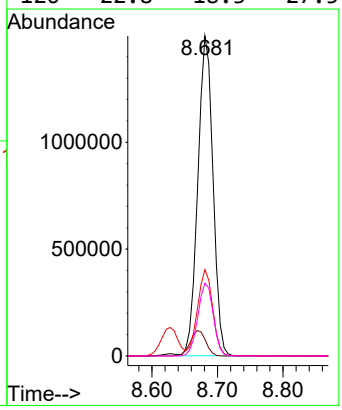


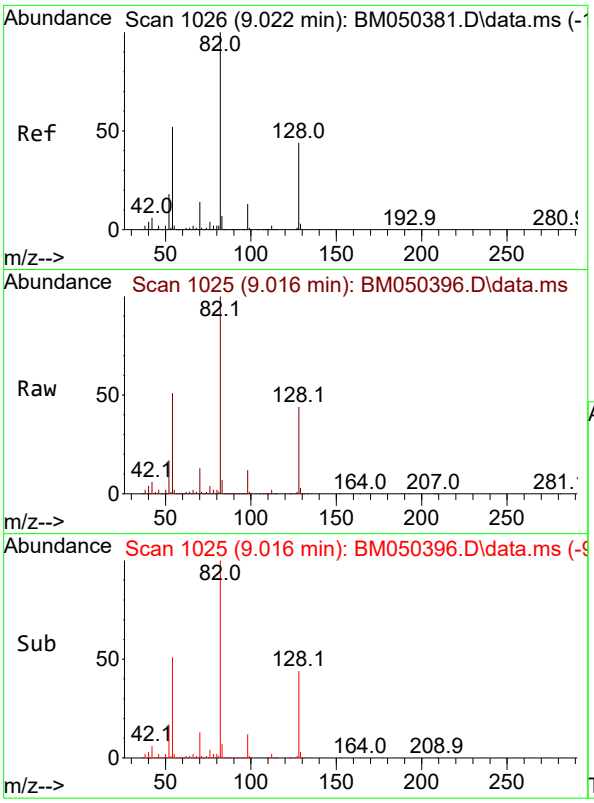


#22
Acetophenone
Concen: 42.880 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:105 Resp: 2412140

Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.4	6.6
51	27.0	23.0	34.6
120	22.8	18.3	27.5



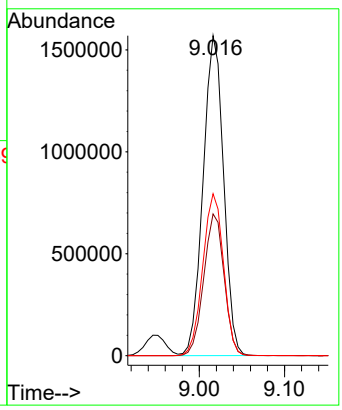


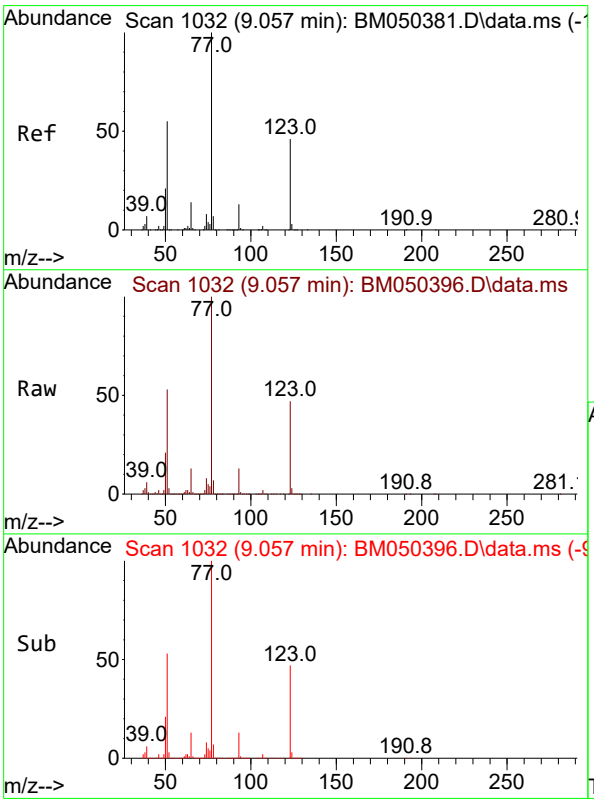
#23
Nitrobenzene-d5
Concen: 59.348 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion: 82 Resp: 2617238

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.2	52.8
54	50.6	41.5	62.3

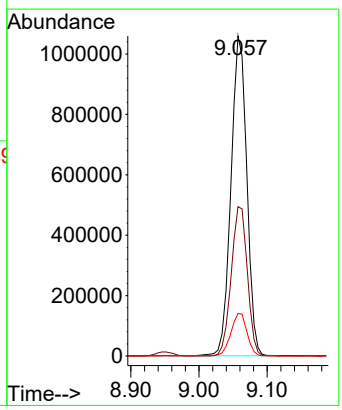


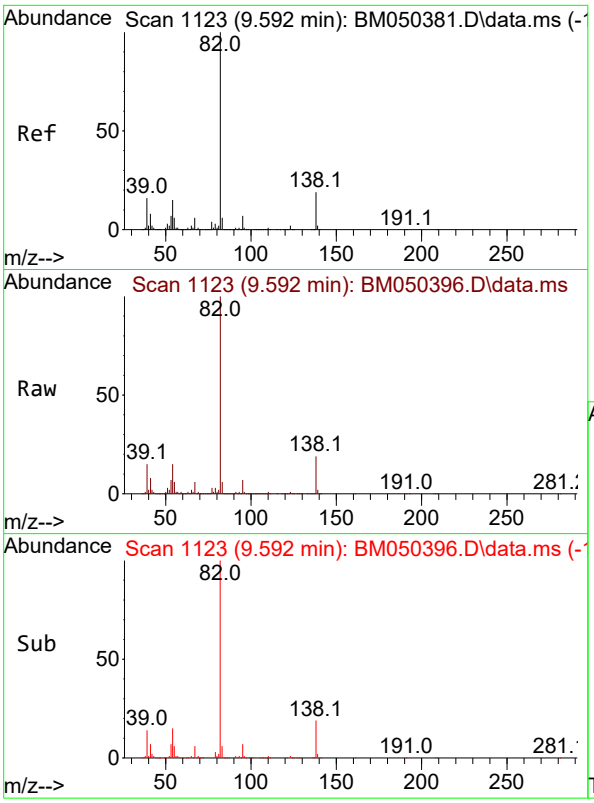


#24
Nitrobenzene
Concen: 43.459 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion: 77 Resp: 1710224

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.0	55.6
65	13.3	11.0	16.4



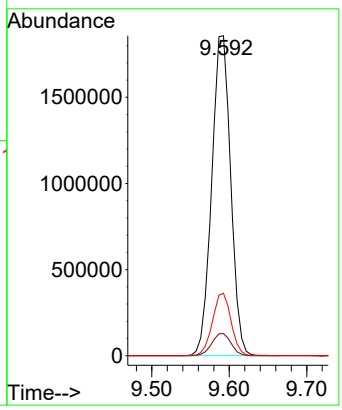


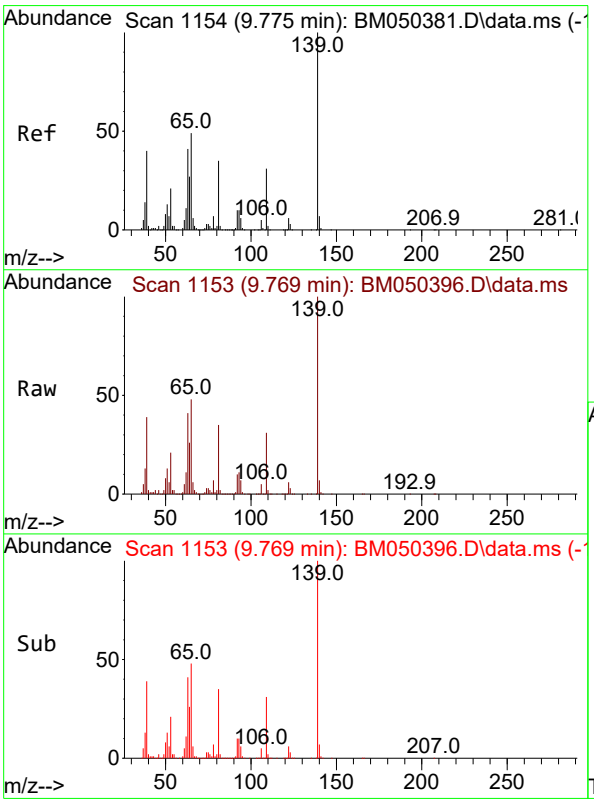
#25
Isophorone
Concen: 44.307 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion: 82 Resp: 3170615

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	19.5	15.3	22.9

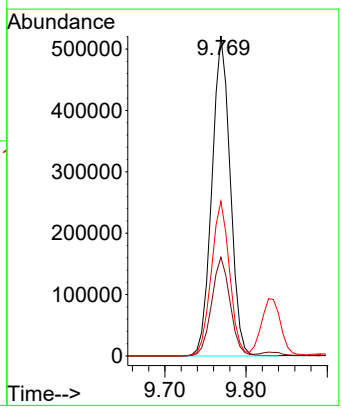


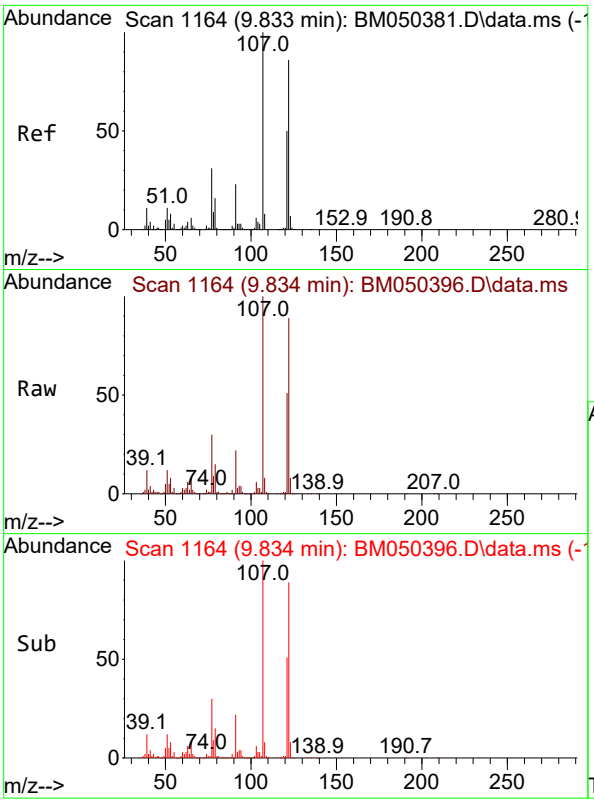


#26
2-Nitrophenol
Concen: 50.869 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:139 Resp: 815863

Ion	Ratio	Lower	Upper
139	100		
109	30.9	24.6	36.8
65	48.3	39.2	58.8



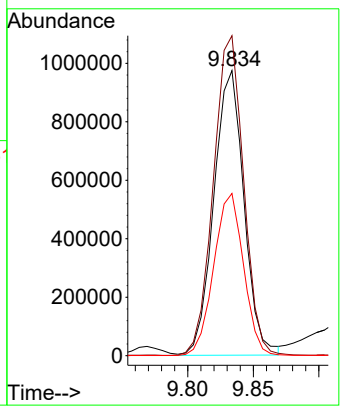


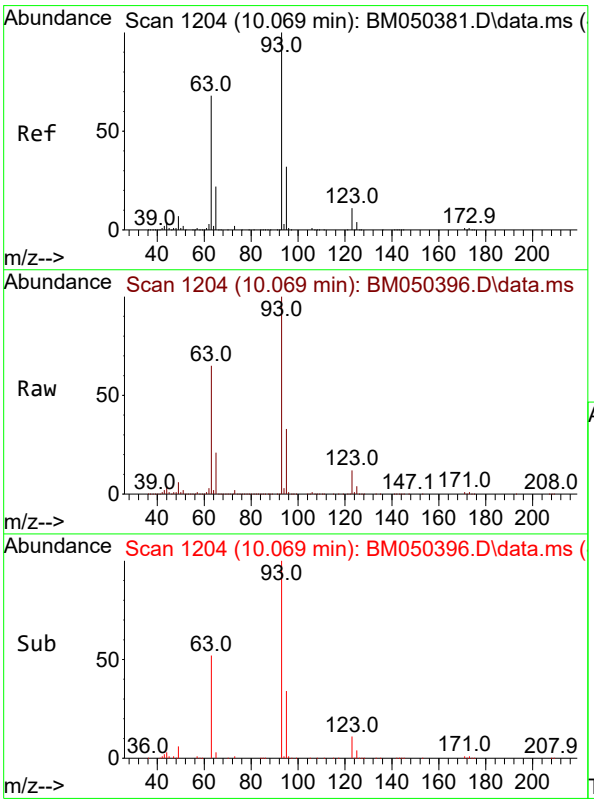
#27
2,4-Dimethylphenol
Concen: 45.599 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:122 Resp: 1556239

Ion	Ratio	Lower	Upper
122	100		
107	112.2	93.0	139.6
121	56.9	46.1	69.1

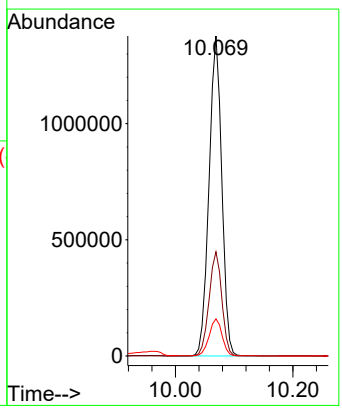


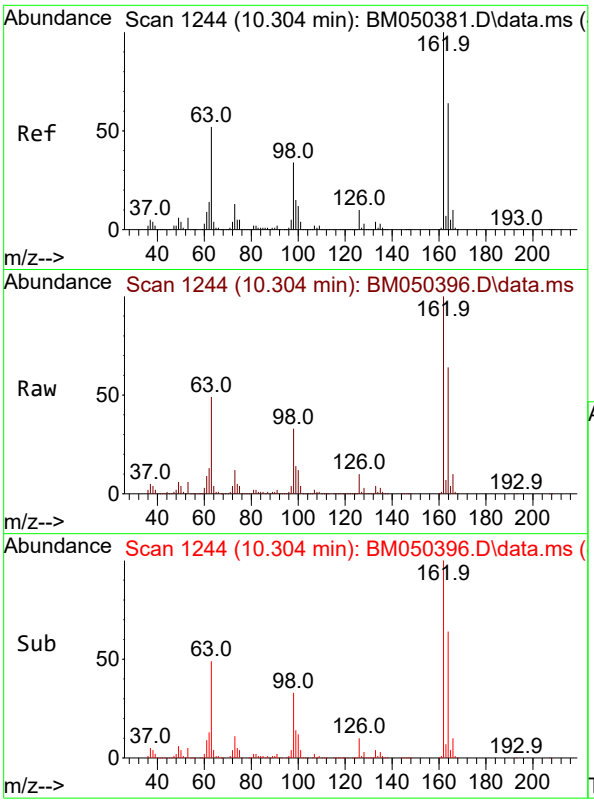


#28
bis(2-Chloroethoxy)methane
Concen: 43.600 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion: 93 Resp: 2067416

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	11.6	9.1	13.7



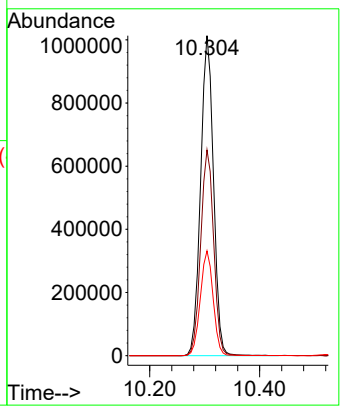


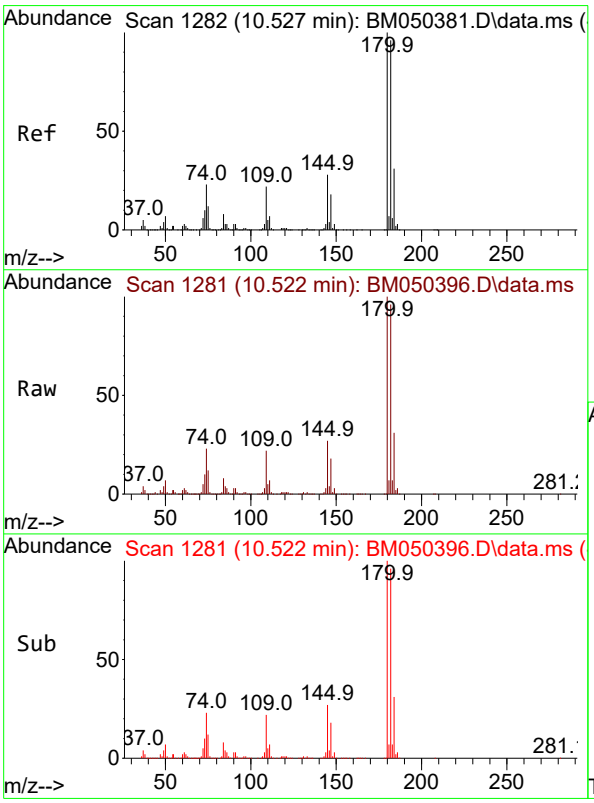
#29
2,4-Dichlorophenol
Concen: 46.988 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:162 Resp: 1647503

Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.7	83.7
98	32.7	13.7	53.7

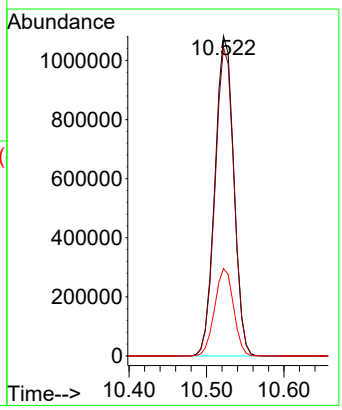


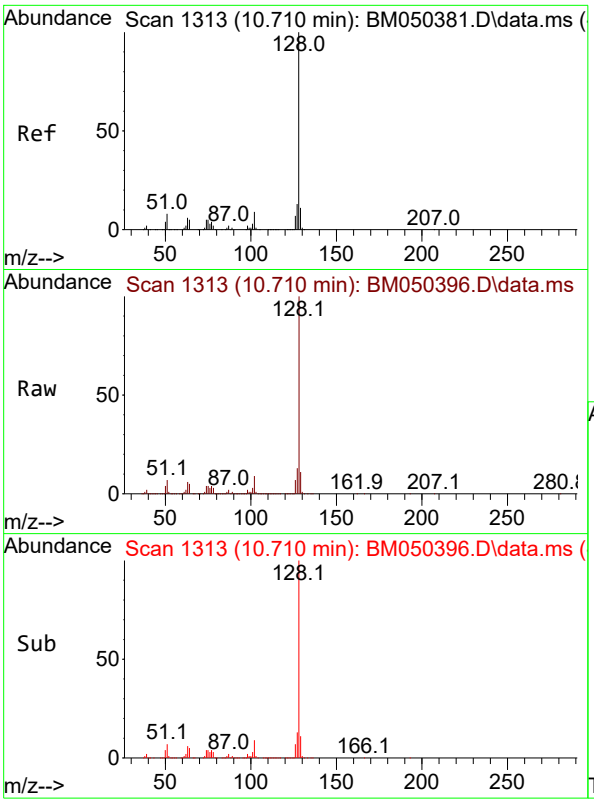


#30
1,2,4-Trichlorobenzene
Concen: 43.739 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:180 Resp: 1834623

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.8	115.2
145	27.3	22.6	33.8



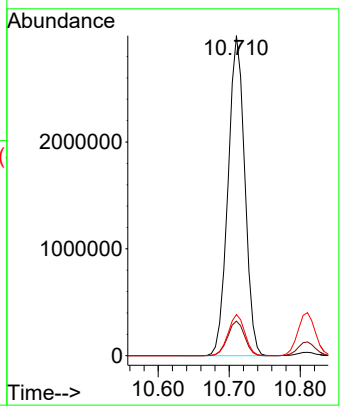


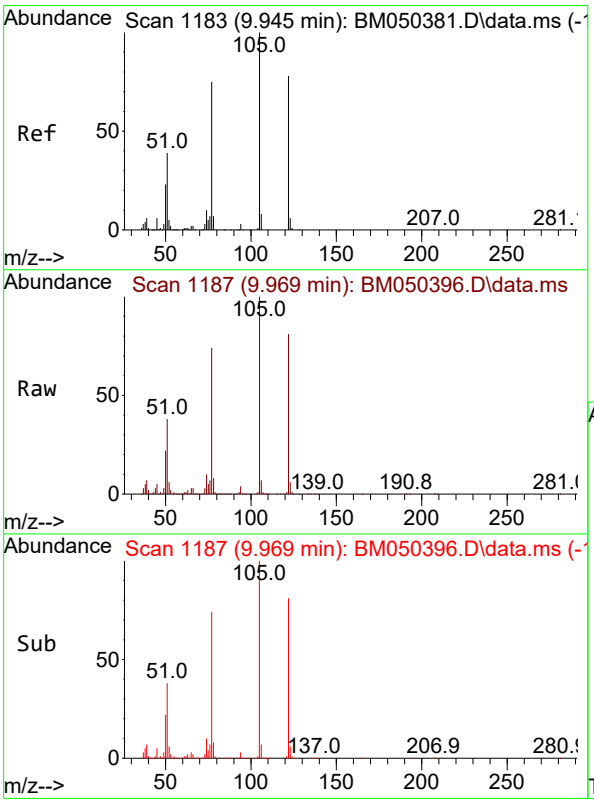
#31
Naphthalene
Concen: 42.868 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:128 Resp: 4898926

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.8	10.4	15.6

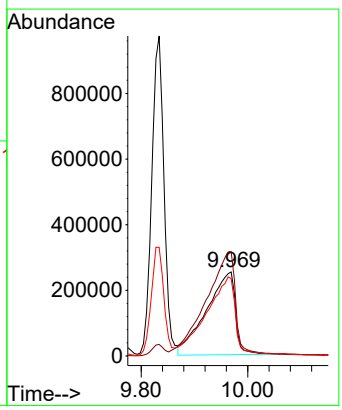


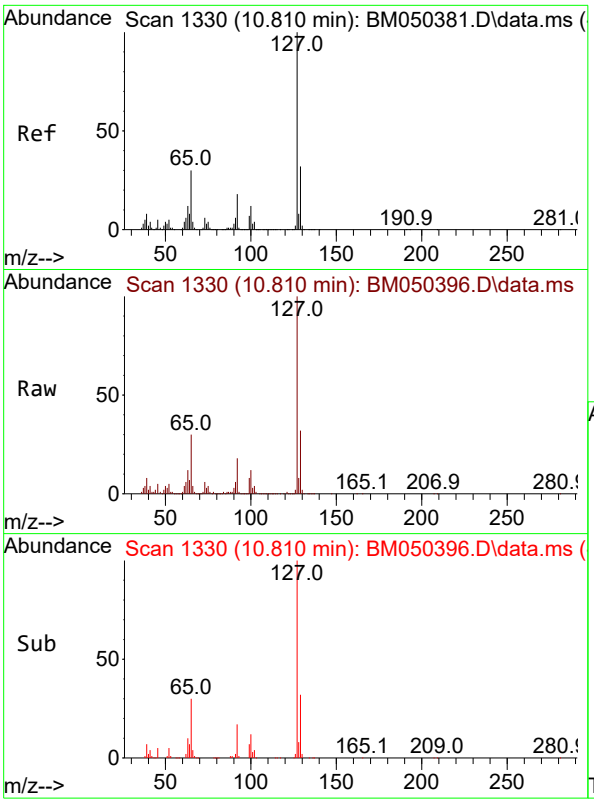


#32
Benzoic acid
Concen: 45.912 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.024 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:122 Resp: 955570

Ion	Ratio	Lower	Upper
122	100		
105	124.2	104.0	144.0
77	92.1	73.8	113.8



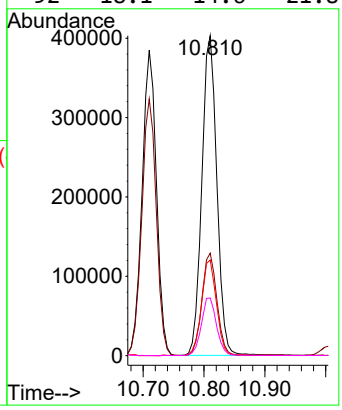


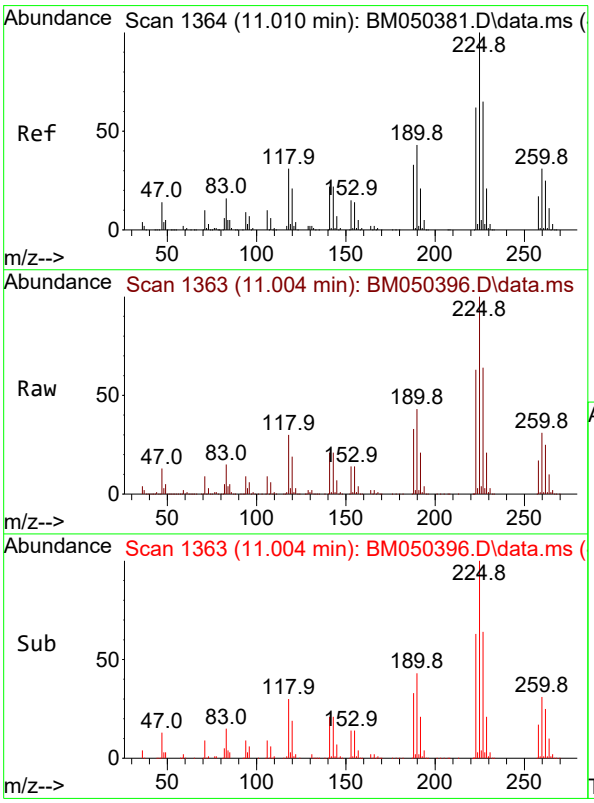
#33
4-Chloroaniline
Concen: 14.308 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:127 Resp: 691231

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	29.9	23.9	35.9
92	18.1	14.6	21.8

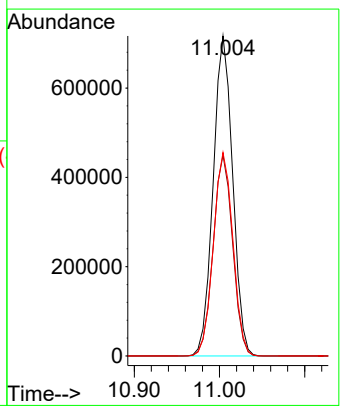


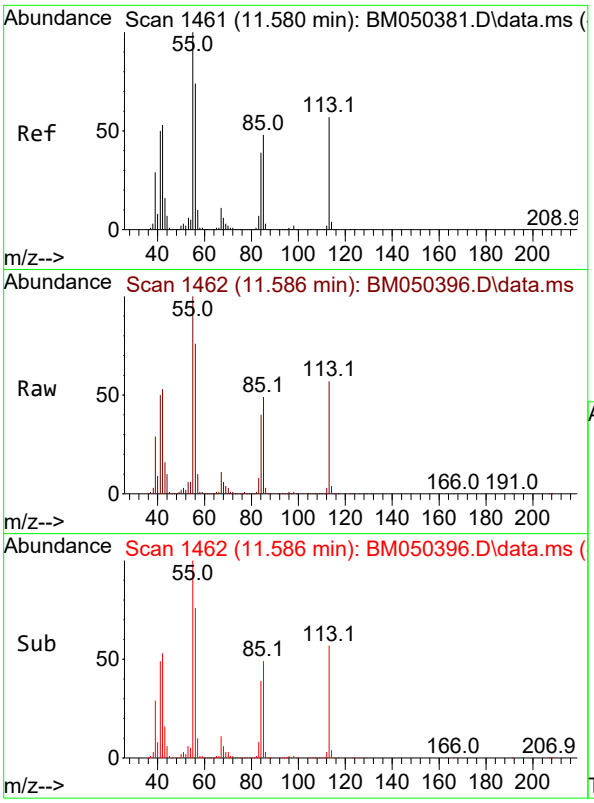


#34
Hexachlorobutadiene
Concen: 44.452 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:225 Resp: 1137979

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	63.6	52.1	78.1



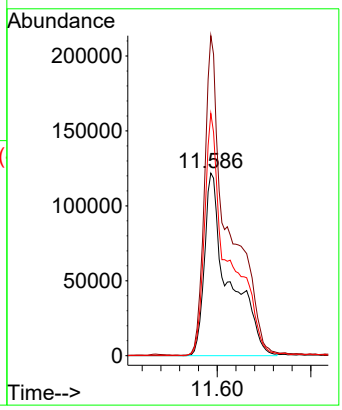


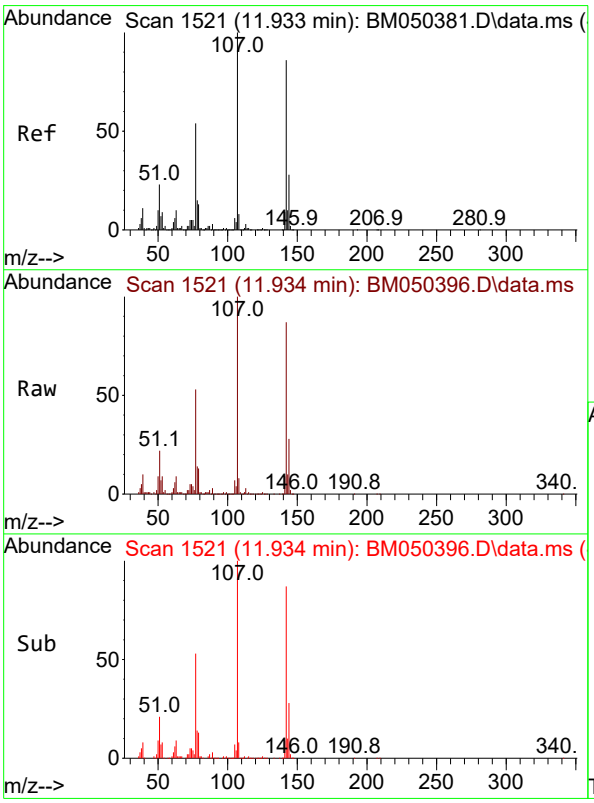
#35
Caprolactam
Concen: 46.119 ng m
RT: 11.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:113 Resp: 441432

Ion	Ratio	Lower	Upper
113	100		
55	175.3	157.2	197.2
56	132.8	111.7	151.7

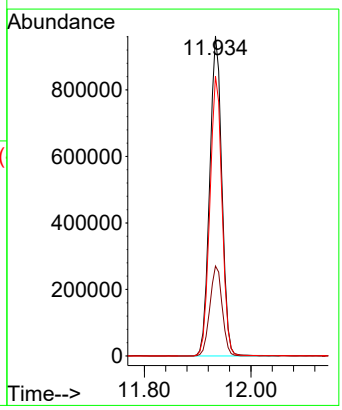


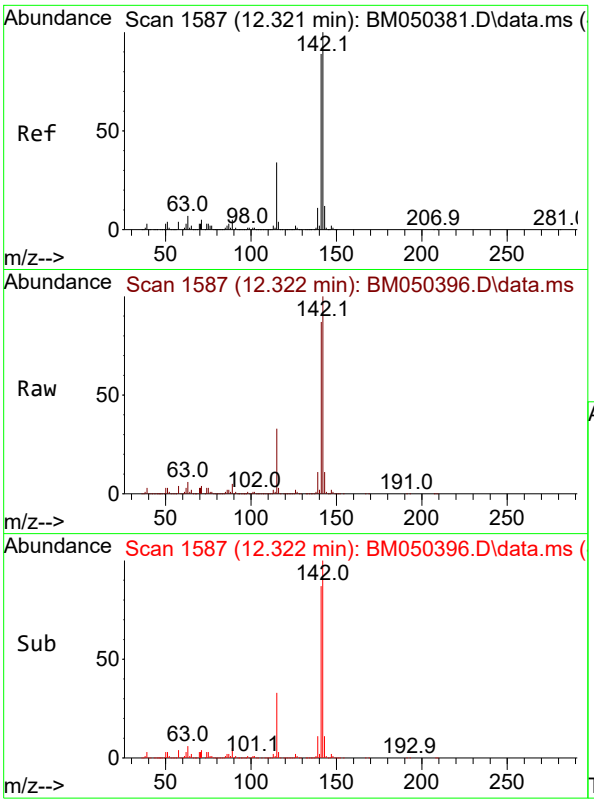


#36
4-Chloro-3-methylphenol
Concen: 46.620 ng
RT: 11.934 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:107 Resp: 1526443

Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.2	33.4
142	87.4	68.7	103.1



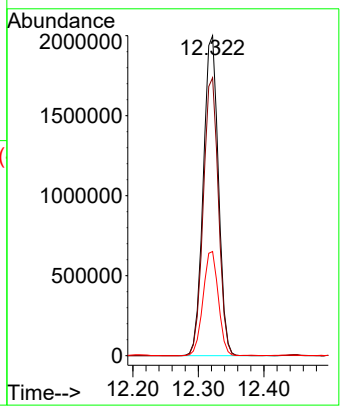


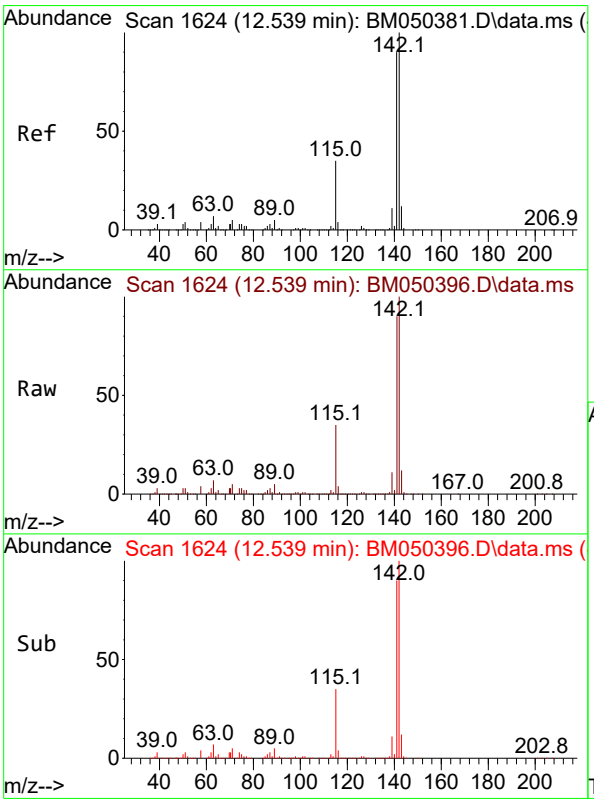
#37
2-Methylnaphthalene
Concen: 44.421 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:142 Resp: 3205261

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.8	106.2
115	32.6	27.0	40.4

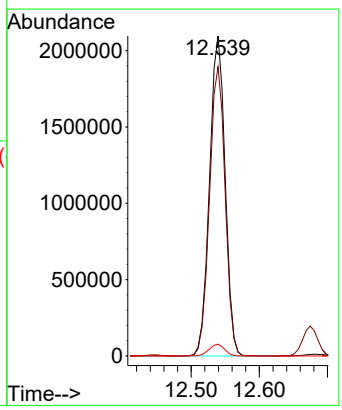


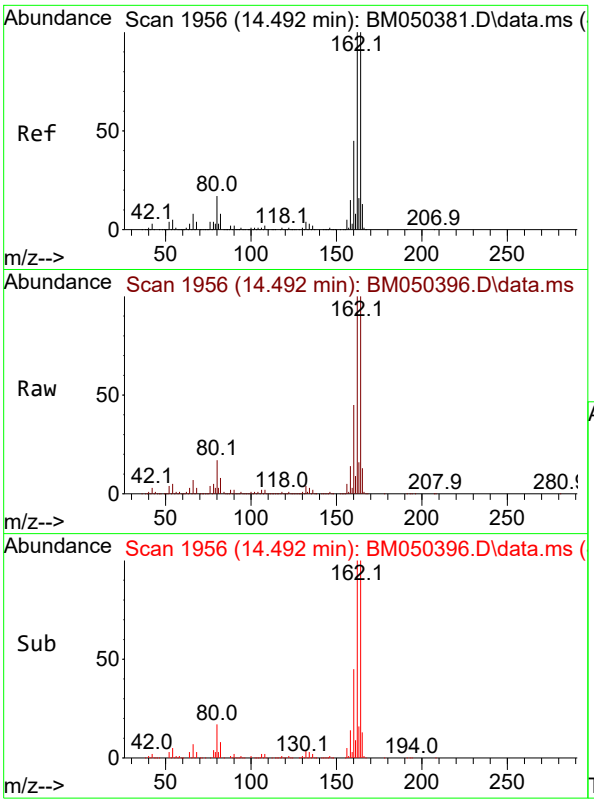


#38
1-Methylnaphthalene
Concen: 43.600 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:142 Resp: 3329442

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
116	3.7	3.0	4.6



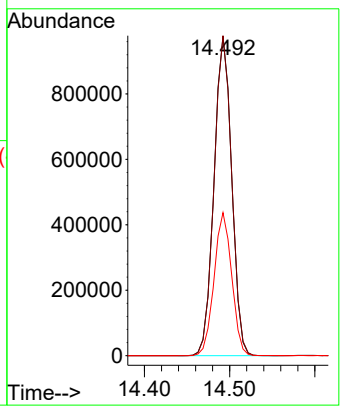


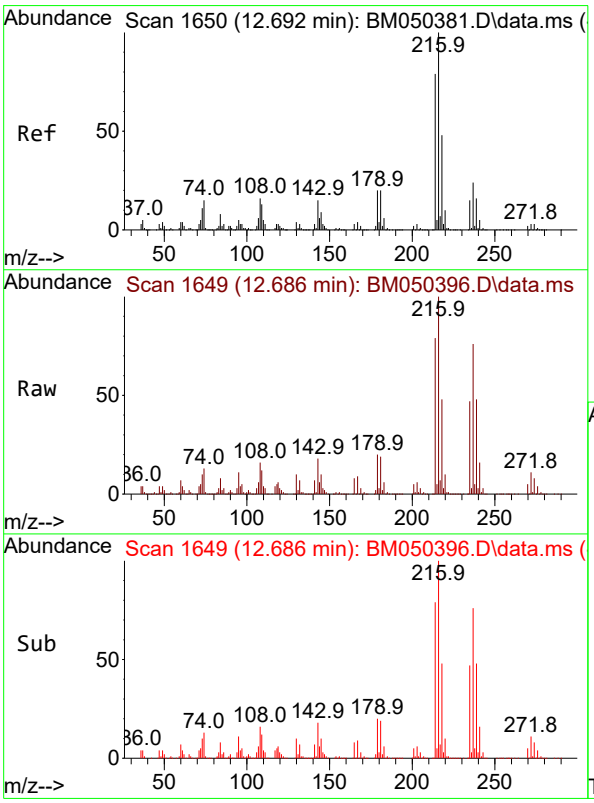
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:164 Resp: 1411021

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.9	119.9
160	44.8	36.2	54.4

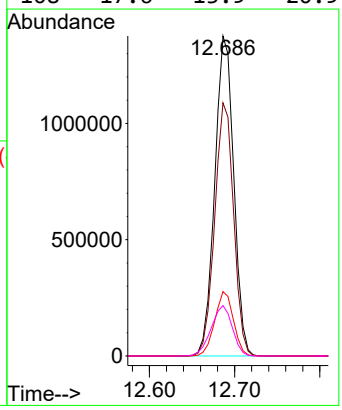


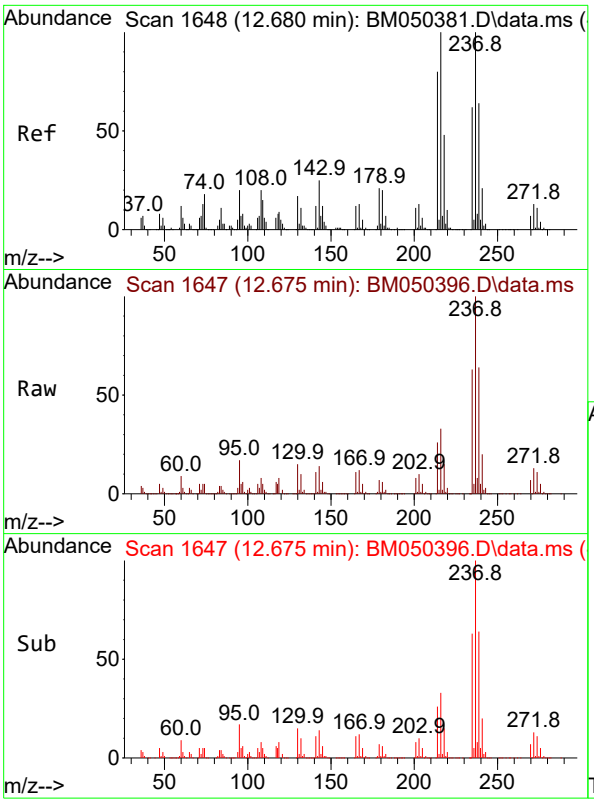


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.515 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:216 Resp: 2132078

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.3	94.9
179	19.8	16.4	24.6
108	17.6	13.9	20.9



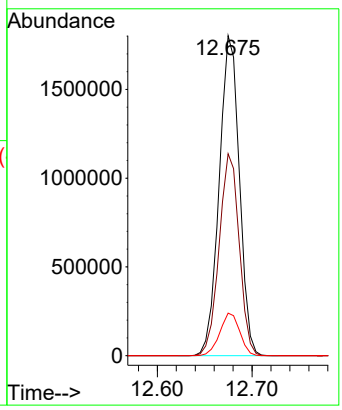


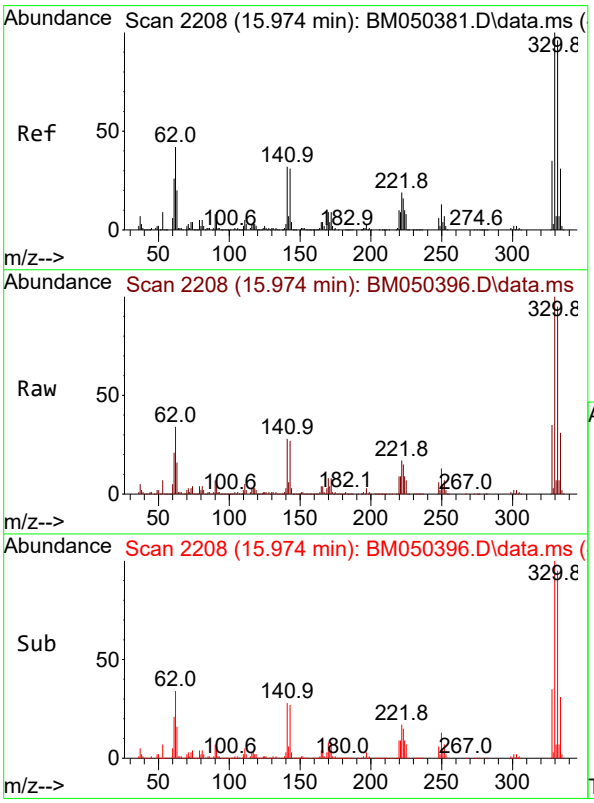
#41
Hexachlorocyclopentadiene
Concen: 93.007 ng
RT: 12.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:237 Resp: 2667684

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.3	82.3
272	13.3	0.0	33.0

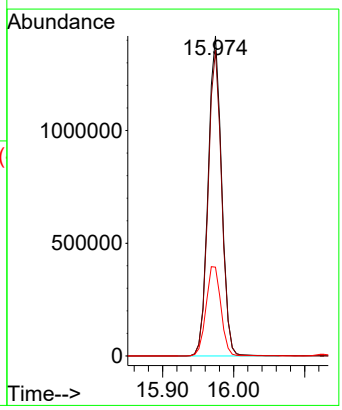


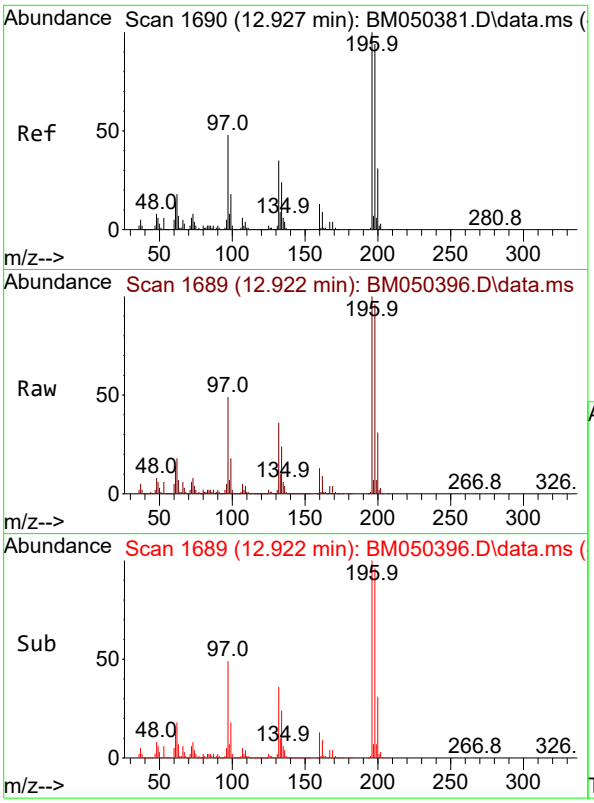


#42
2,4,6-Tribromophenol
Concen: 109.331 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:330 Resp: 1874382

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	30.8	27.4	41.0



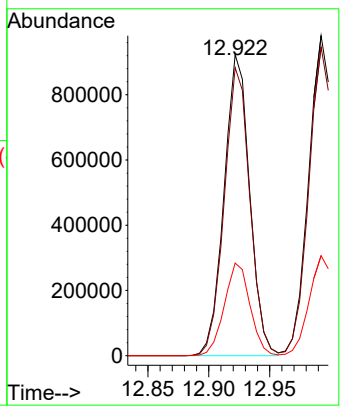


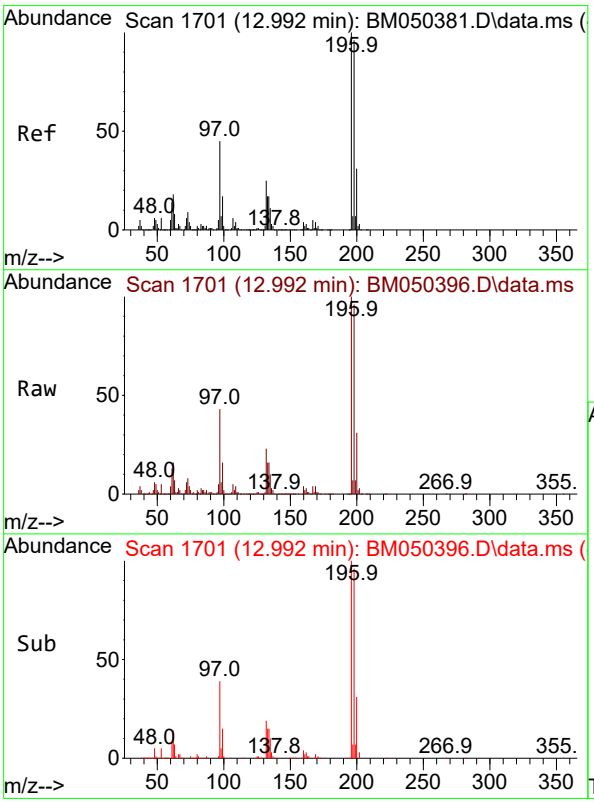
#43
2,4,6-Trichlorophenol
Concen: 48.974 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:196 Resp: 1352682

Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.1	112.7
200	30.8	24.6	37.0

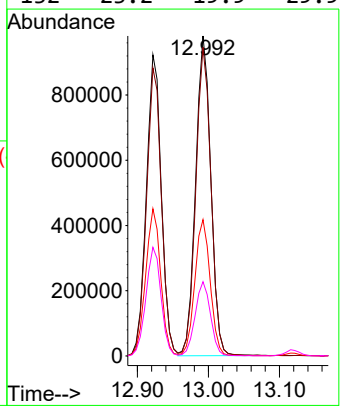


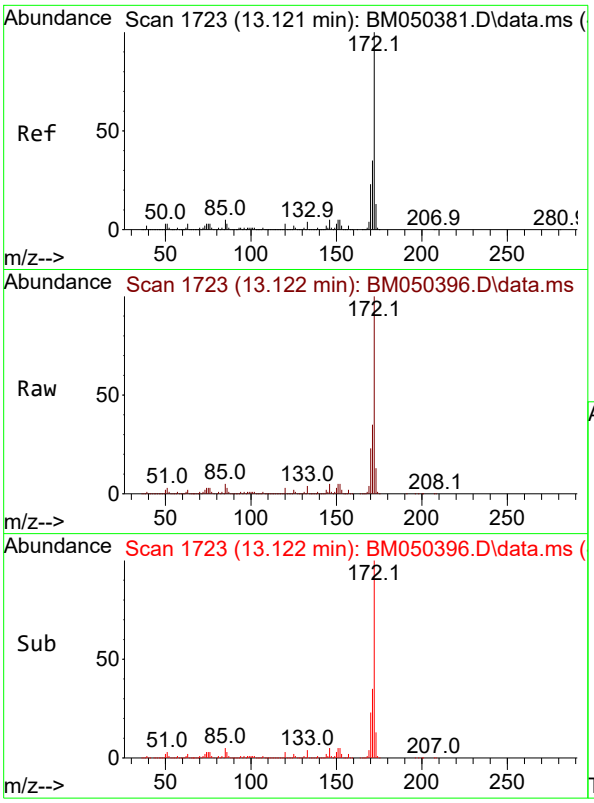


#44
2,4,5-Trichlorophenol
Concen: 48.520 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:196 Resp: 1463609

Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.2	115.8
97	42.6	36.2	54.4
132	23.2	19.9	29.9



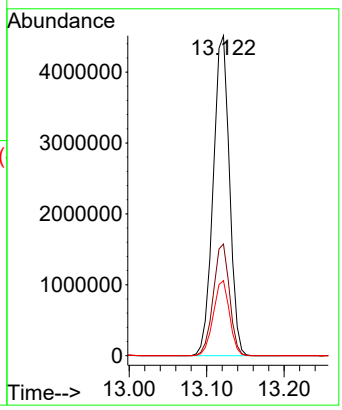


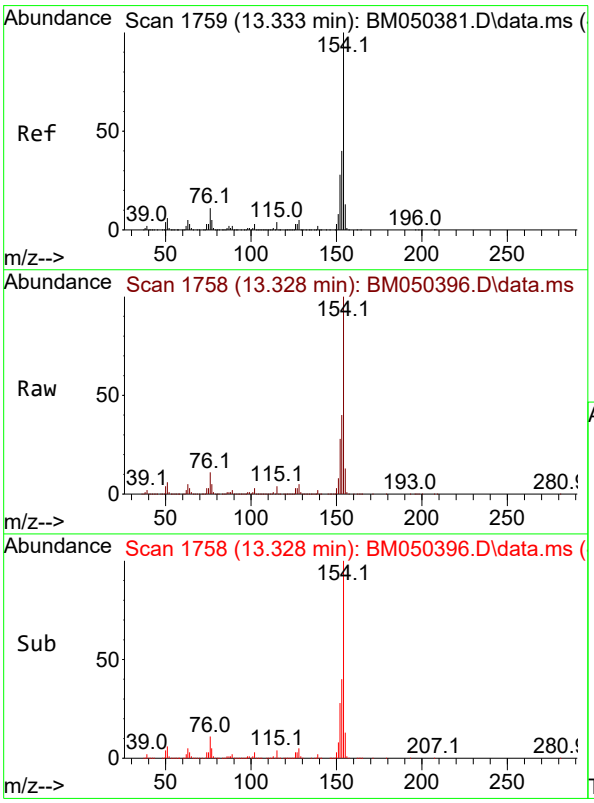
#45
2-Fluorobiphenyl
Concen: 57.636 ng
RT: 13.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:172 Resp: 6585454

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.7	41.5
170	23.4	18.8	28.2

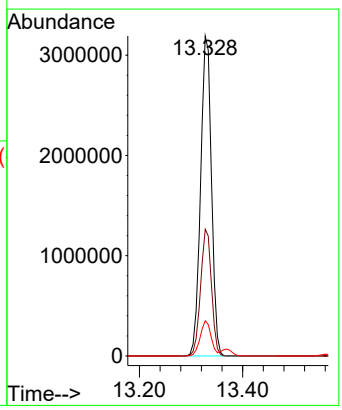


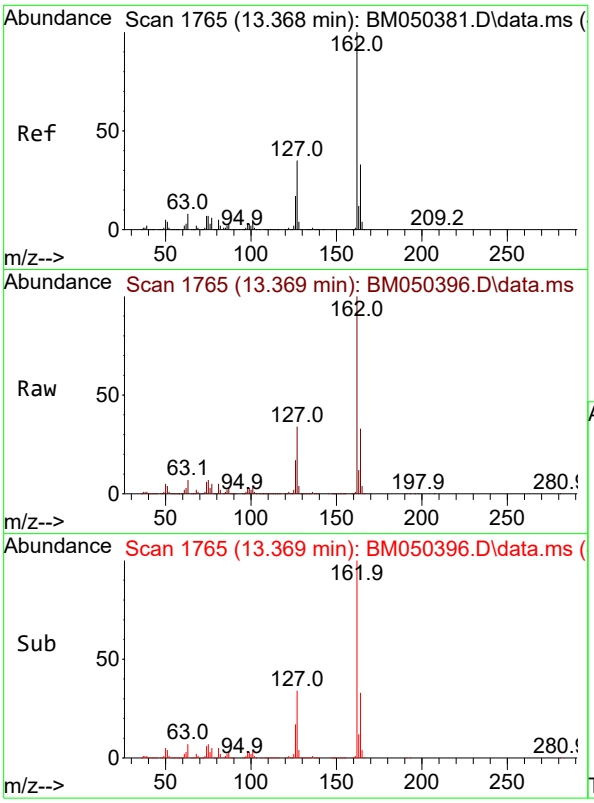


#46
1,1'-Biphenyl
Concen: 44.413 ng
RT: 13.328 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:154 Resp: 4649485

Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.7	59.7
76	11.0	0.0	30.9



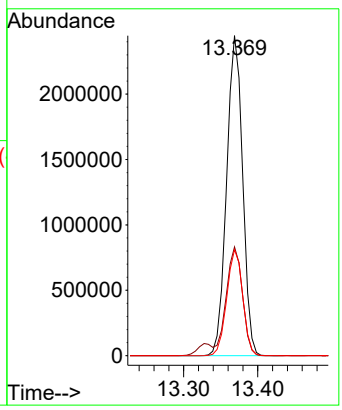


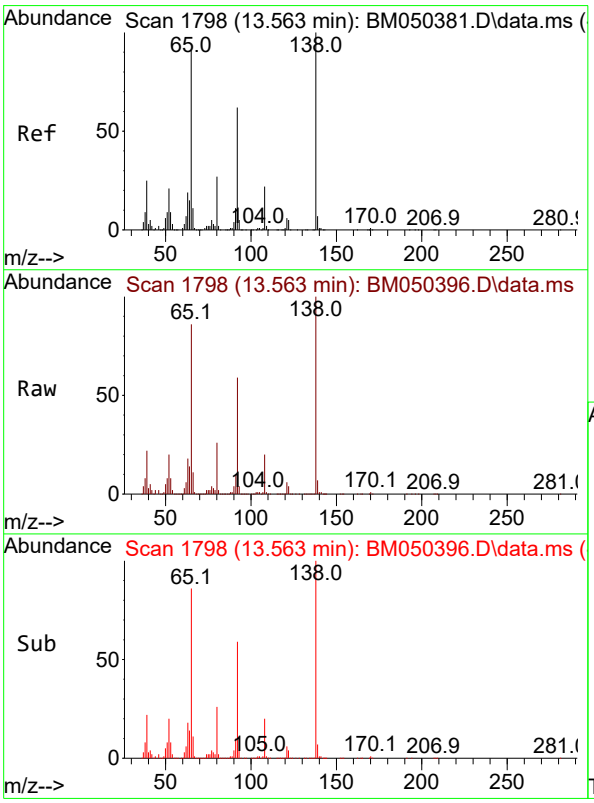
#47
2-Chloronaphthalene
Concen: 43.941 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:162 Resp: 3667702

Ion	Ratio	Lower	Upper
162	100		
127	34.0	28.3	42.5
164	33.1	26.6	40.0

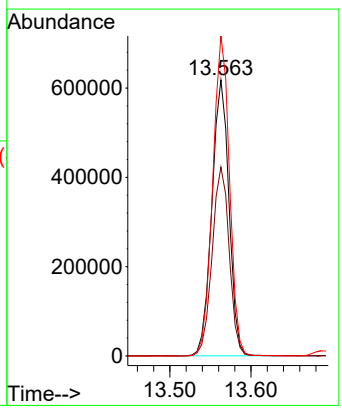


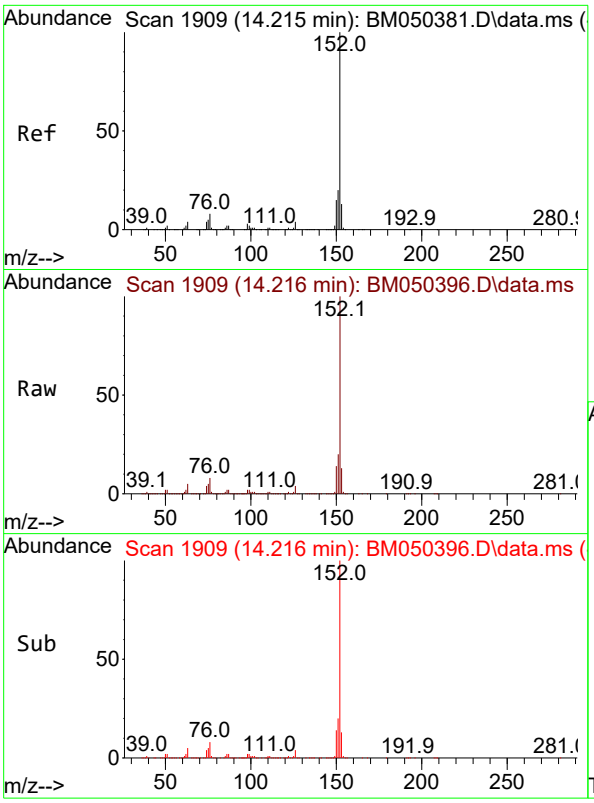


#48
2-Nitroaniline
Concen: 48.555 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion: 65 Resp: 904642

Ion	Ratio	Lower	Upper
65	100		
92	68.4	54.3	81.5
138	116.0	87.8	131.6



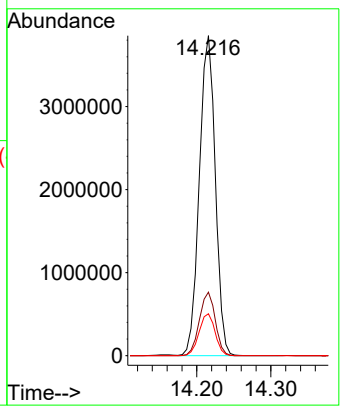


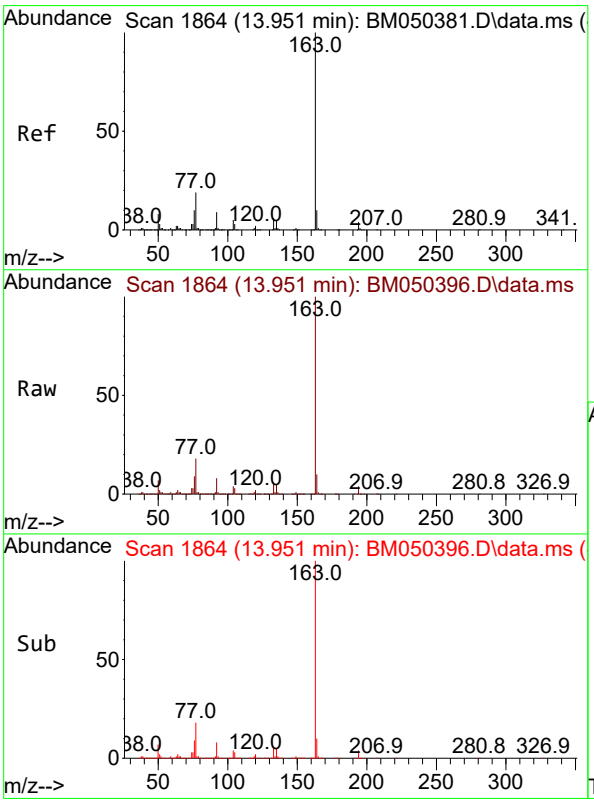
#49
Acenaphthylene
Concen: 45.671 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:152 Resp: 5761234

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.1	10.6	15.8

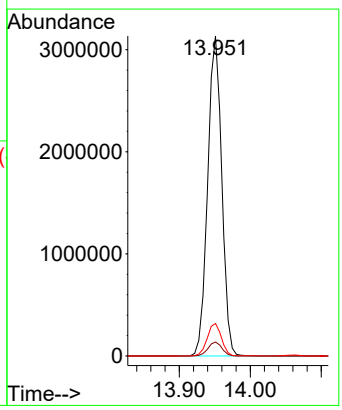


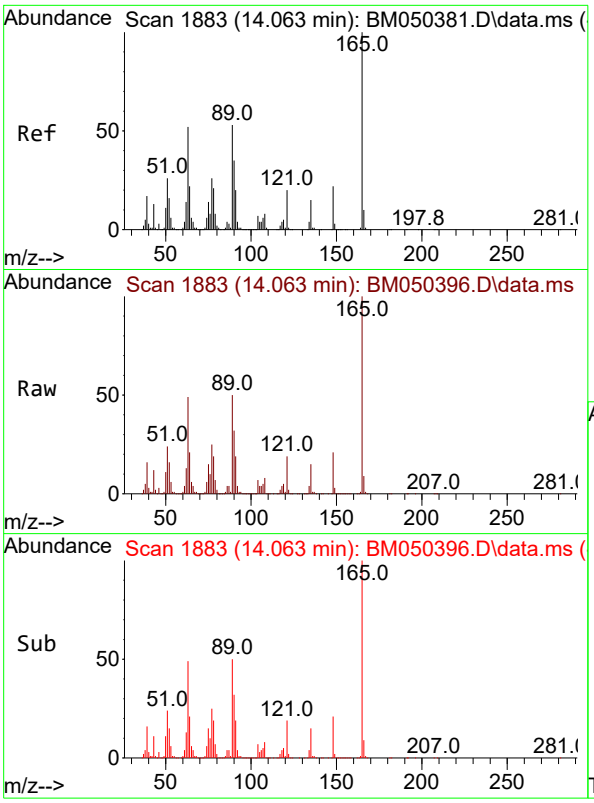


#50
Dimethylphthalate
Concen: 44.469 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:163 Resp: 4319990

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.2	12.2



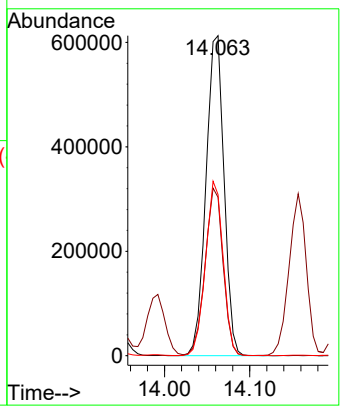


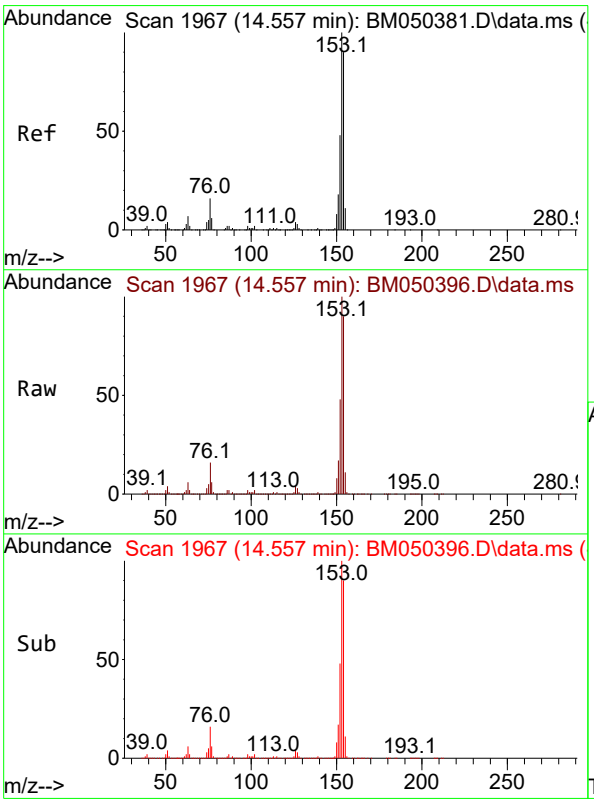
#51
2,6-Dinitrotoluene
Concen: 48.342 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:165 Resp: 901694

Ion	Ratio	Lower	Upper
165	100		
63	49.5	42.4	63.6
89	50.4	42.2	63.2

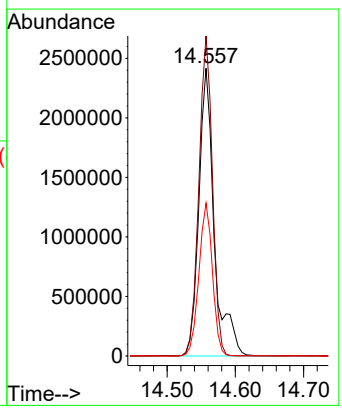


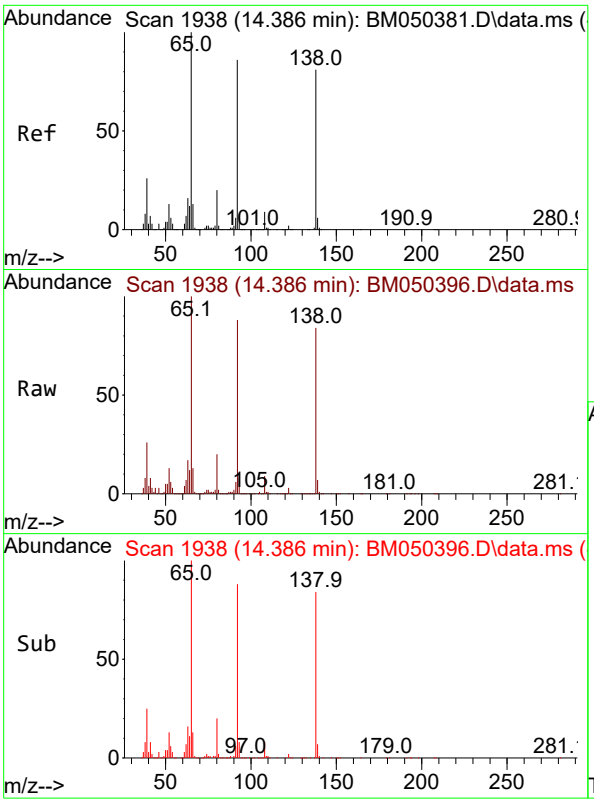


#52
Acenaphthene
Concen: 47.419 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:154 Resp: 3802891

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.2	133.8
152	53.1	42.6	64.0



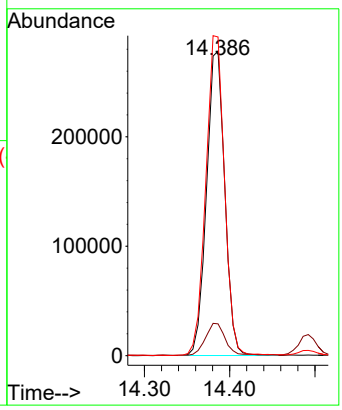


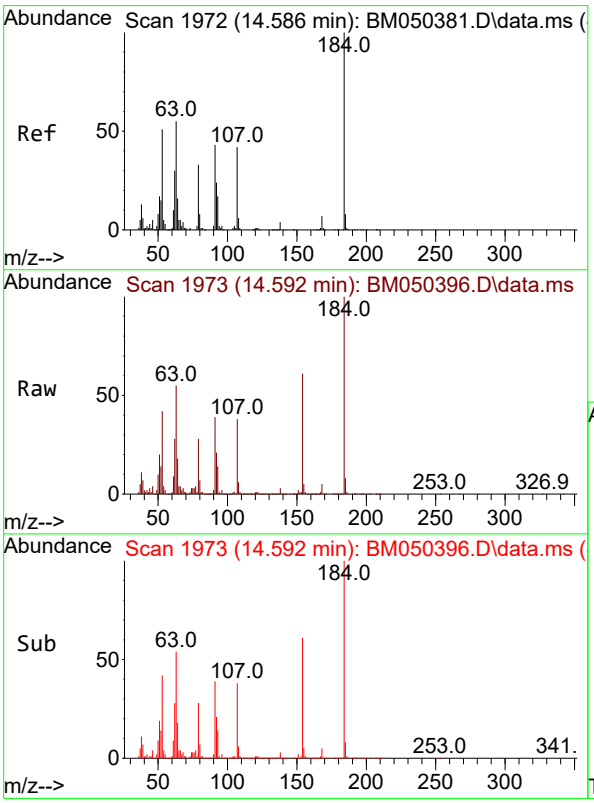
#53
3-Nitroaniline
Concen: 20.832 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:138 Resp: 413233

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.8	13.2
92	104.6	85.0	127.6

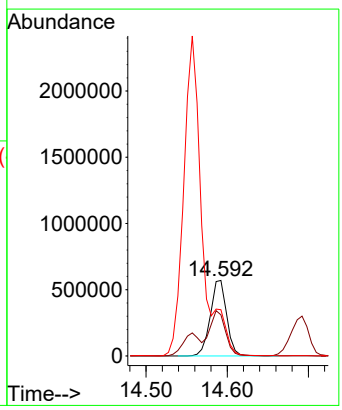


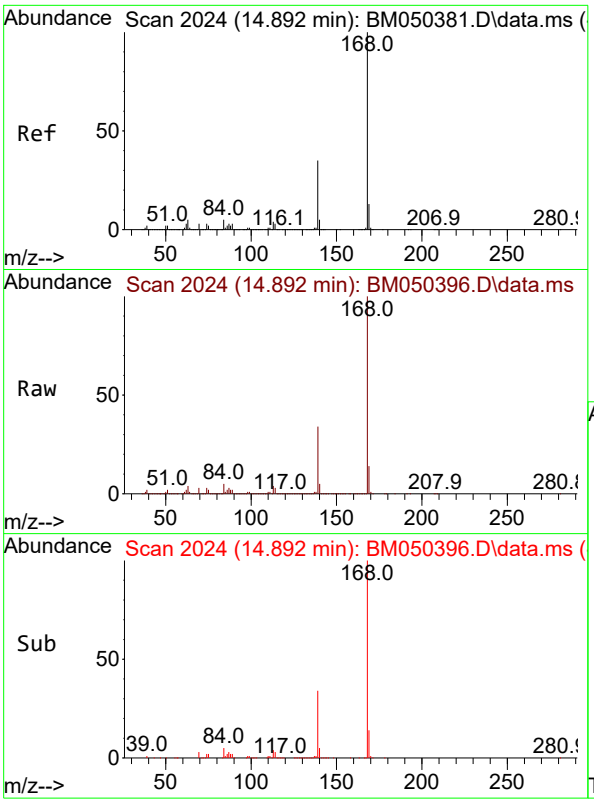


#54
2,4-Dinitrophenol
Concen: 77.919 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:184 Resp: 800108

Ion	Ratio	Lower	Upper
184	100		
63	54.6	53.4	80.0
154	61.3	61.6	92.4#



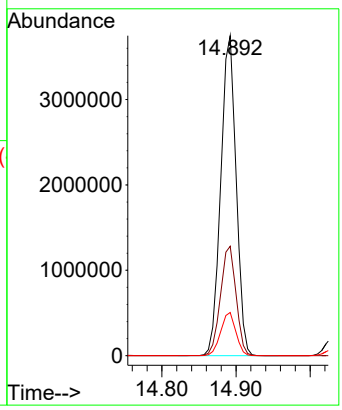


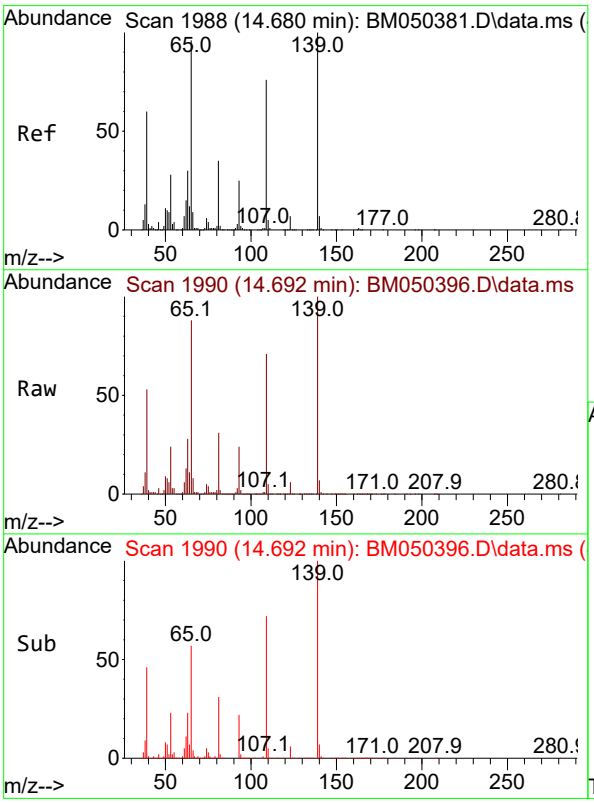
#55
Dibenzofuran
Concen: 43.633 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:168 Resp: 5391696

Ion	Ratio	Lower	Upper
168	100		
139	34.2	27.7	41.5
169	13.5	10.7	16.1

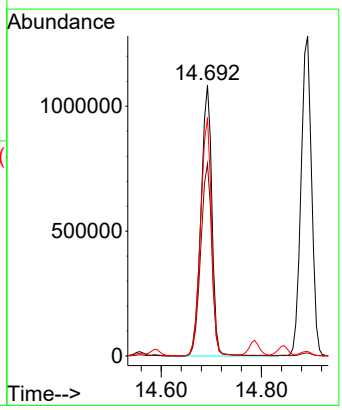


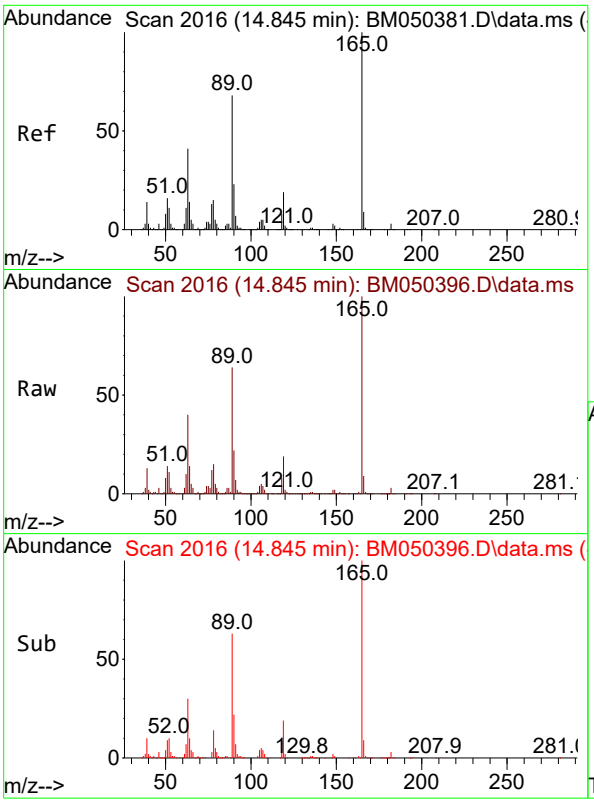


#56
4-Nitrophenol
Concen: 95.852 ng
RT: 14.692 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:139 Resp: 1635097

Ion	Ratio	Lower	Upper
139	100		
109	70.9	56.5	96.5
65	88.0	76.4	116.4



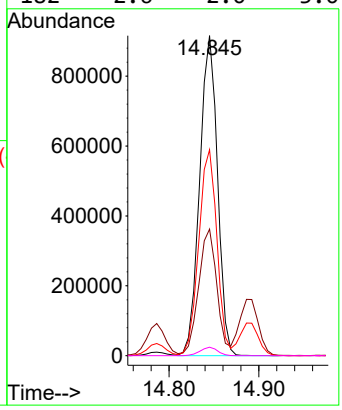


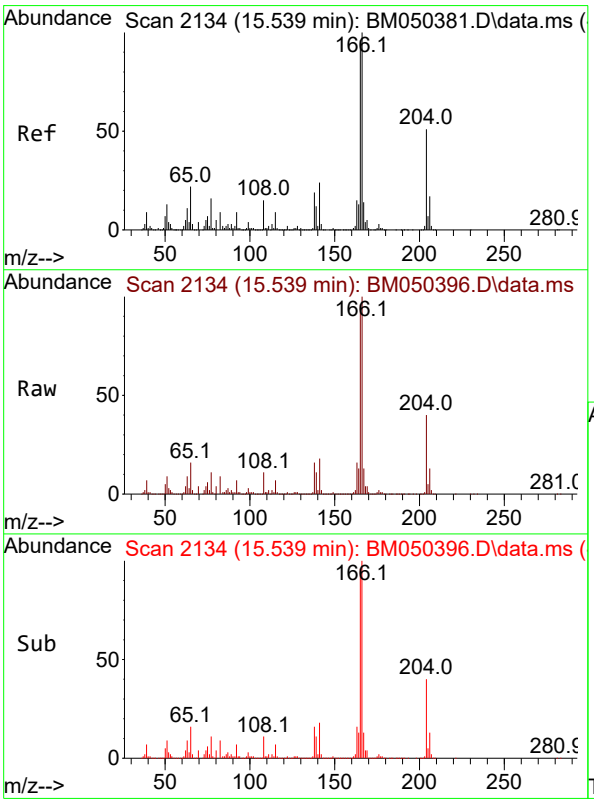
#57
2,4-Dinitrotoluene
Concen: 45.426 ng
RT: 14.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:165 Resp: 1264089

Ion	Ratio	Lower	Upper
165	100		
63	39.5	32.5	48.7
89	64.3	54.0	81.0
182	2.6	2.0	3.0

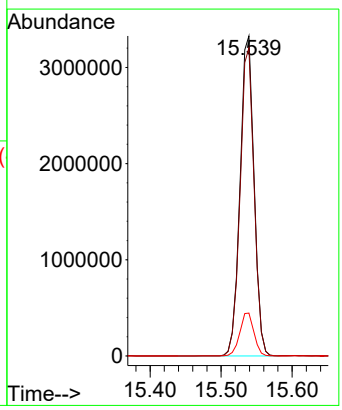


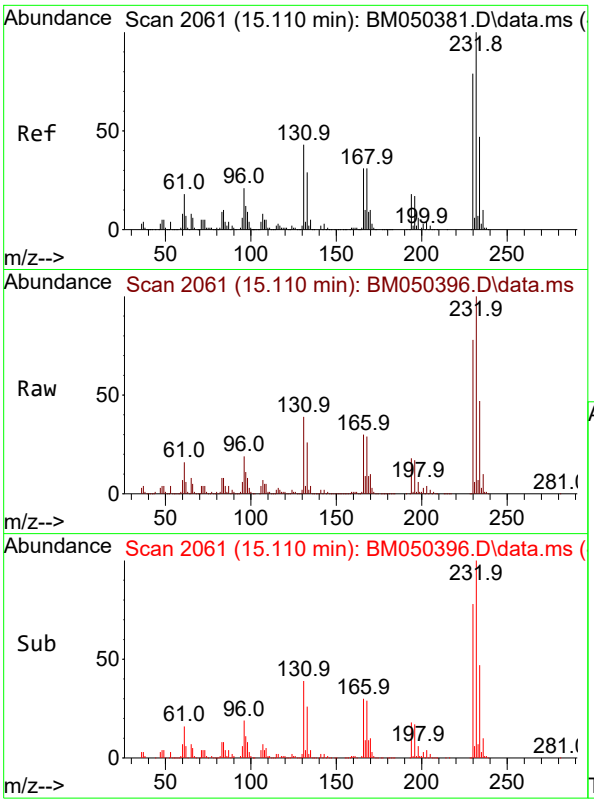


#58
Fluorene
Concen: 44.919 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:166 Resp: 4571931

Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.0	115.6
167	13.4	10.9	16.3



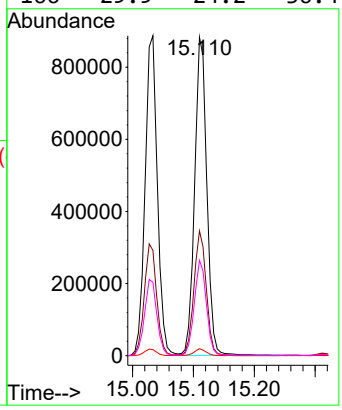


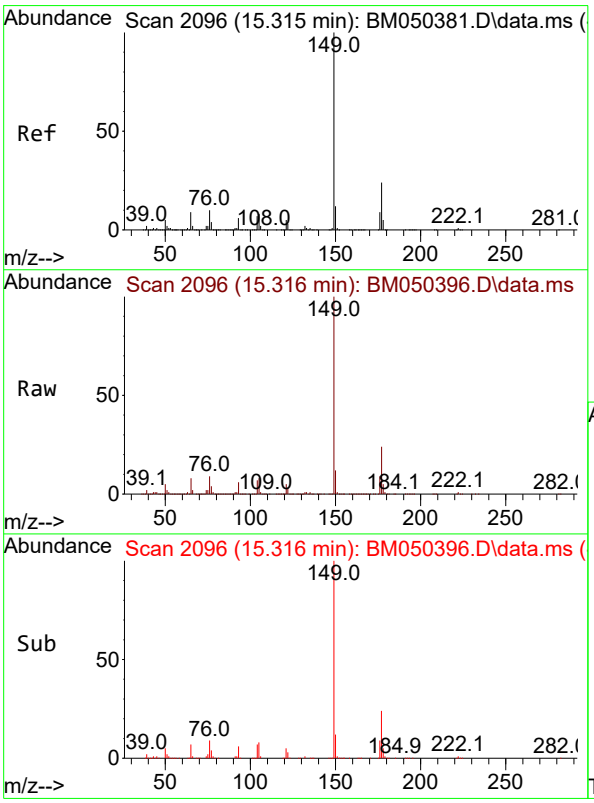
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.262 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:232 Resp: 1225508

Ion	Ratio	Lower	Upper
232	100		
131	39.7	33.4	50.0
130	2.2	1.8	2.6
166	29.9	24.2	36.4

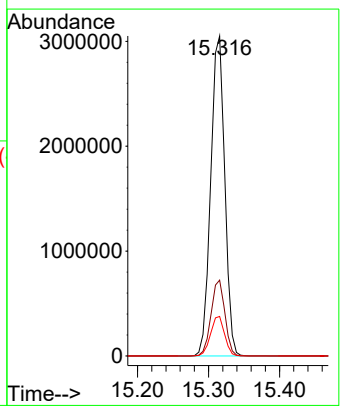


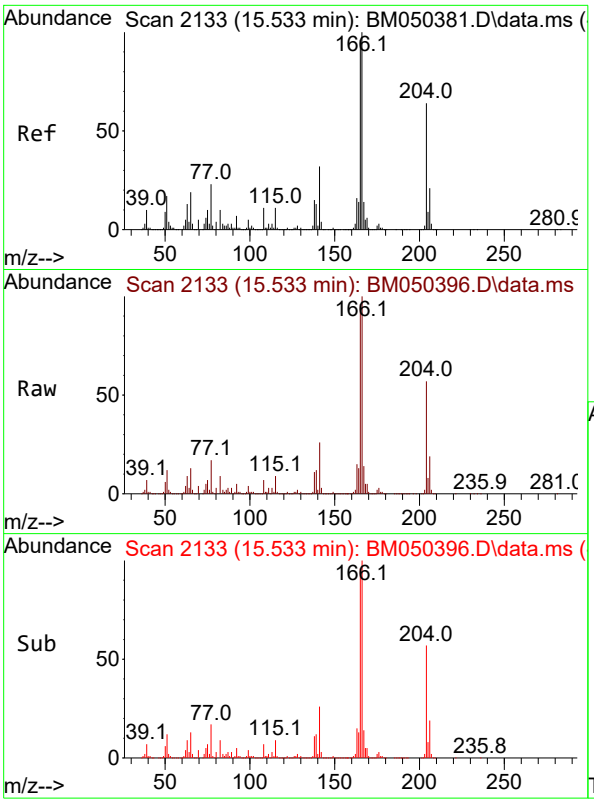


#60
Diethylphthalate
Concen: 45.073 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:149 Resp: 4182651

Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.8	28.2
150	12.4	9.8	14.8



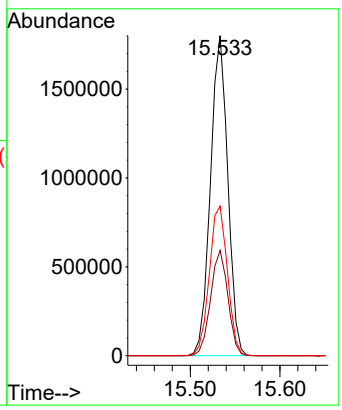


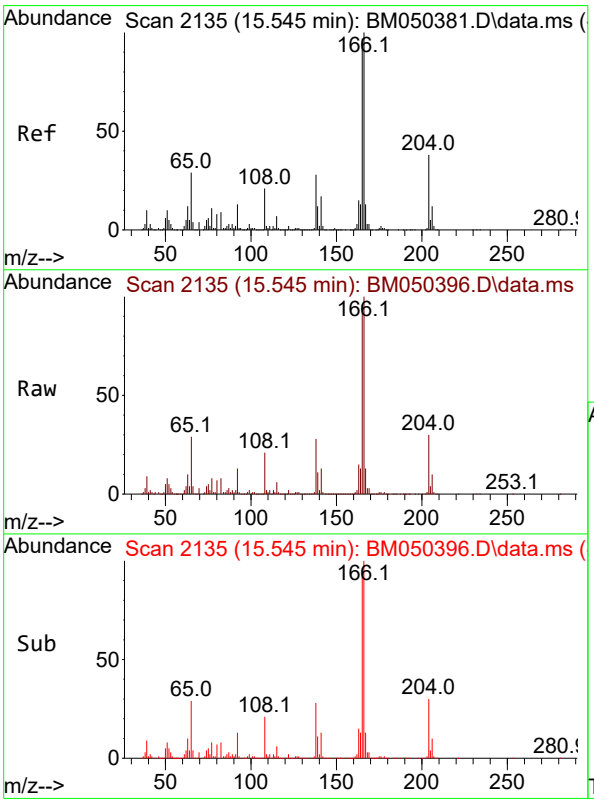
#61
4-Chlorophenyl-phenylether
Concen: 45.332 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:204 Resp: 2412571

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	46.8	39.9	59.9

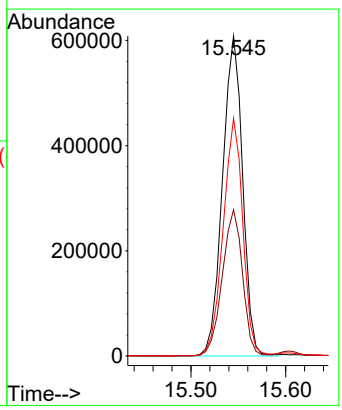


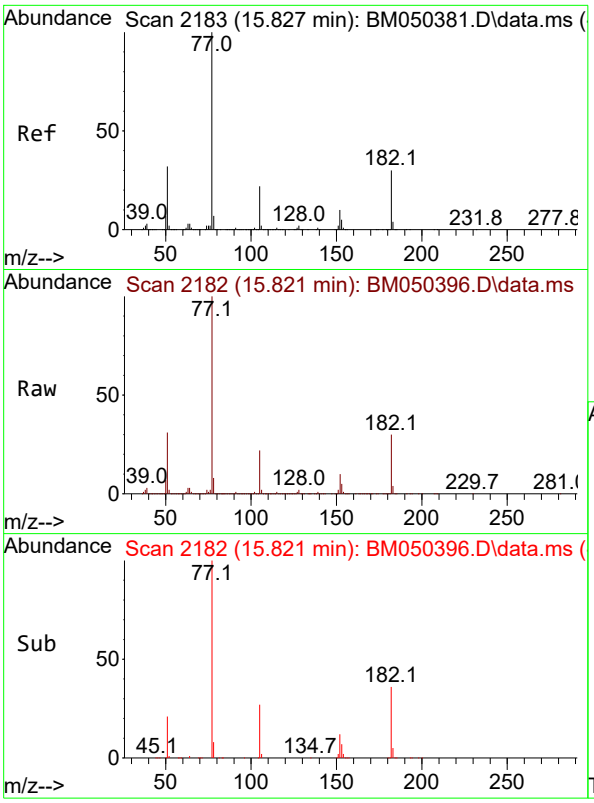


#62
4-Nitroaniline
Concen: 39.854 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:138 Resp: 898277

Ion	Ratio	Lower	Upper
138	100		
92	45.7	24.5	64.5
108	74.2	52.5	92.5



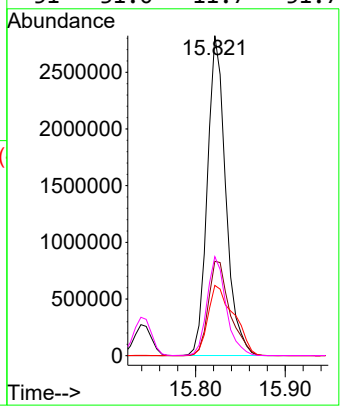


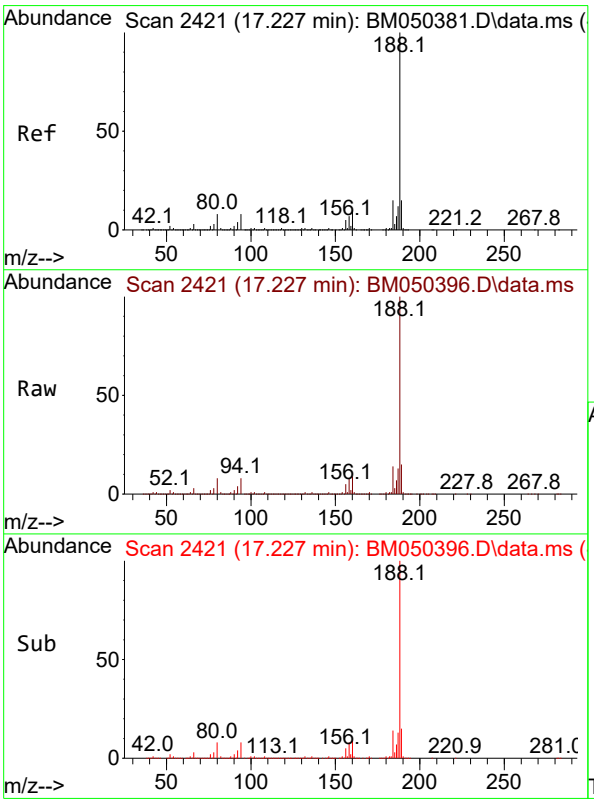
#63
Azobenzene
Concen: 47.219 ng
RT: 15.821 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion: 77 Resp: 4023579

Ion	Ratio	Lower	Upper
77	100		
182	29.5	10.0	50.0
105	22.0	2.0	42.0
51	31.0	11.7	51.7

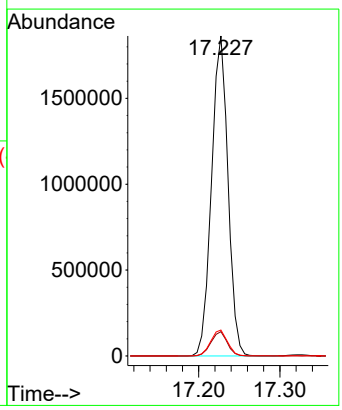


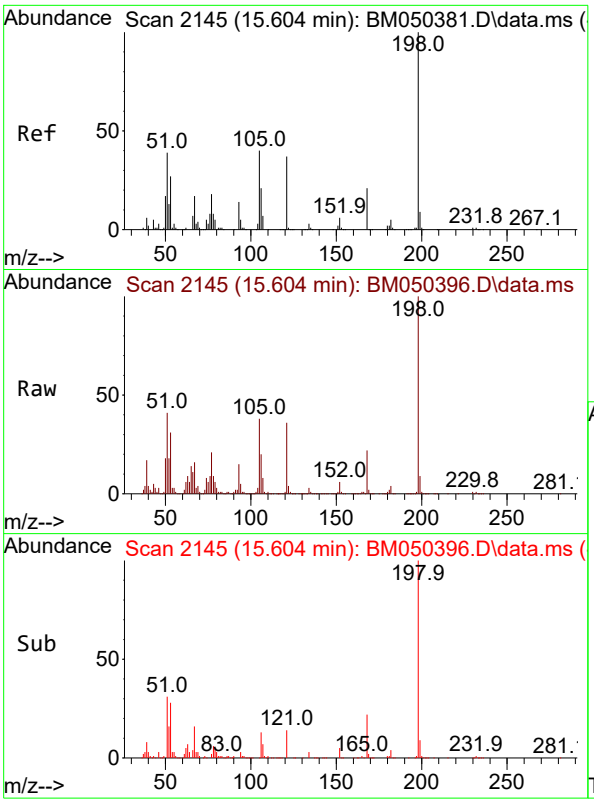


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:188 Resp: 2620467

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.0	9.0
80	8.1	6.5	9.7



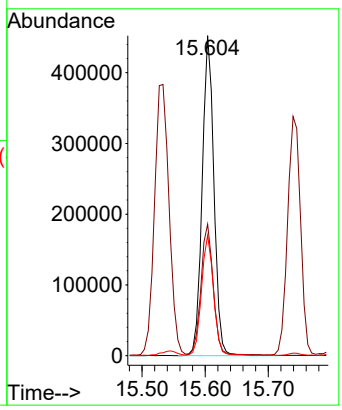


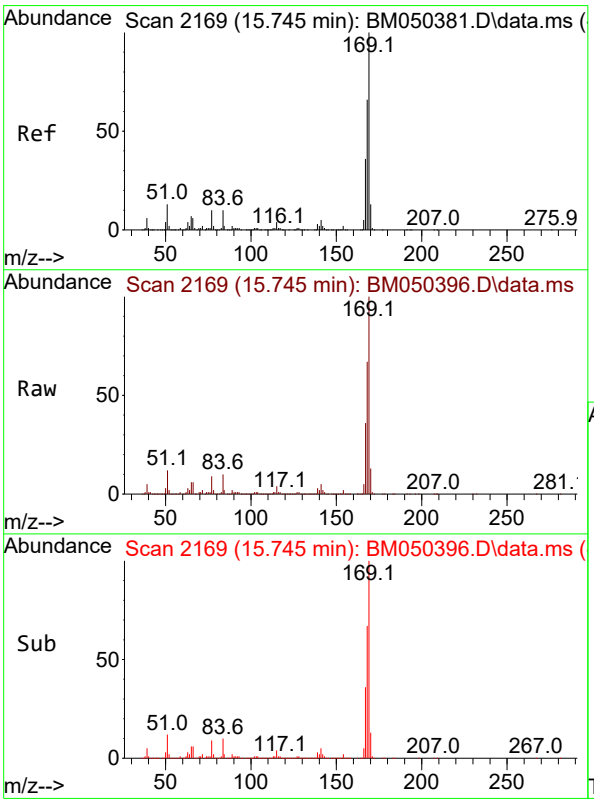
#65
4,6-Dinitro-2-methylphenol
Concen: 42.265 ng
RT: 15.604 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:198 Resp: 583318

Ion	Ratio	Lower	Upper
198	100		
51	41.1	26.6	66.6
105	37.6	20.9	60.9

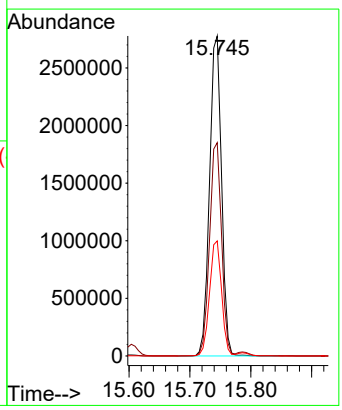


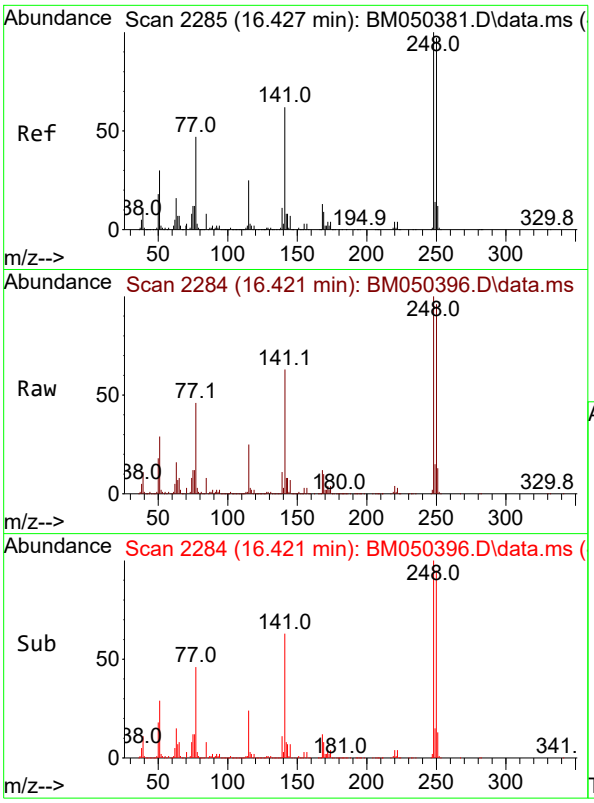


#66
n-Nitrosodiphenylamine
Concen: 46.182 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:169 Resp: 3786842

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.0	28.7	43.1



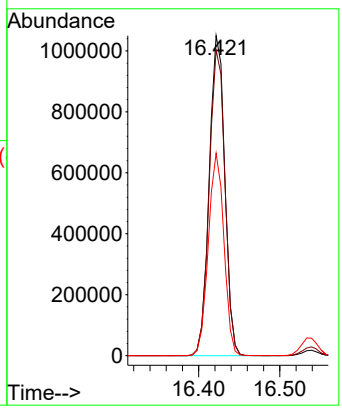


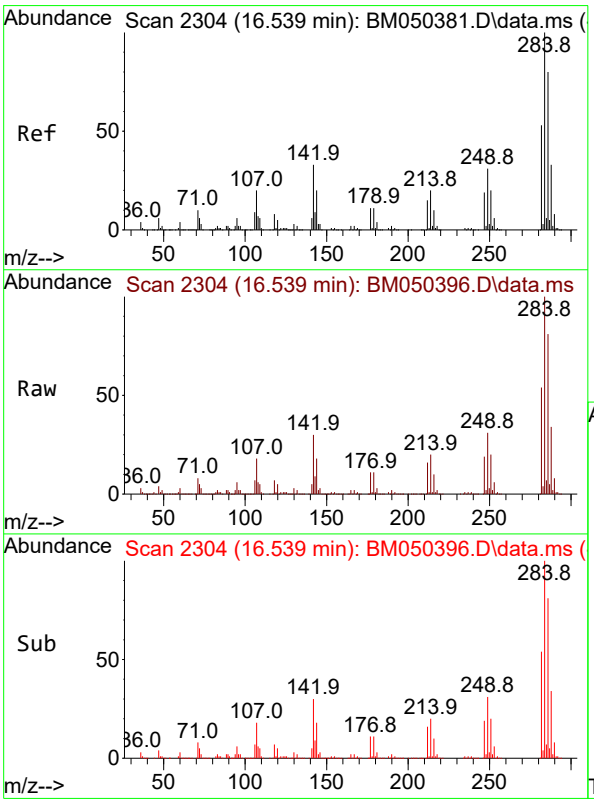
#67
4-Bromophenyl-phenylether
Concen: 48.331 ng
RT: 16.421 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:248 Resp: 1395382

Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.9	116.9
141	63.3	49.7	74.5

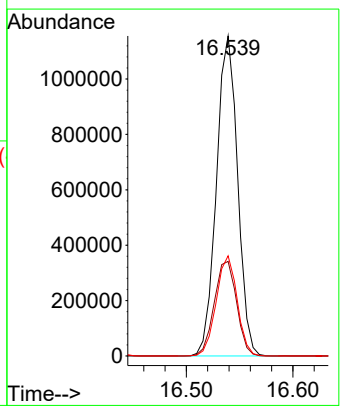


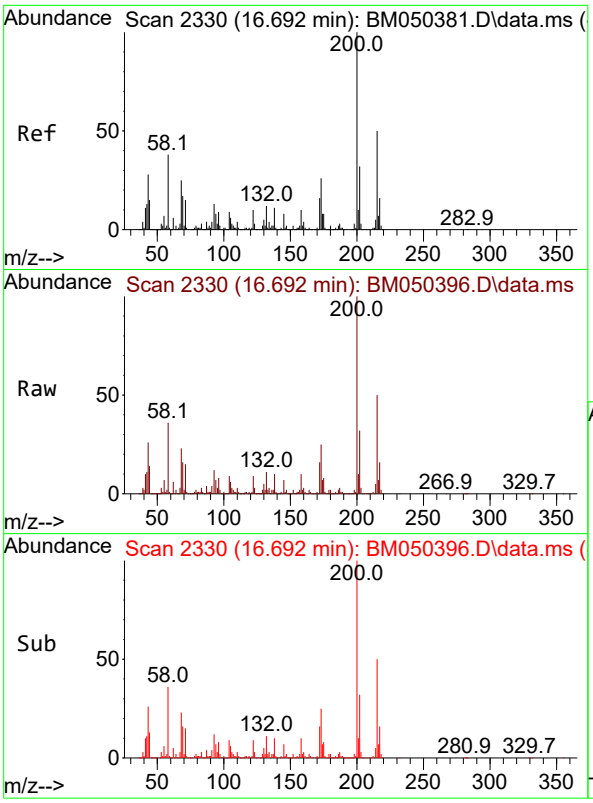


#68
Hexachlorobenzene
Concen: 46.659 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:284 Resp: 1591047

Ion	Ratio	Lower	Upper
284	100		
142	29.6	26.8	40.2
249	31.3	24.5	36.7



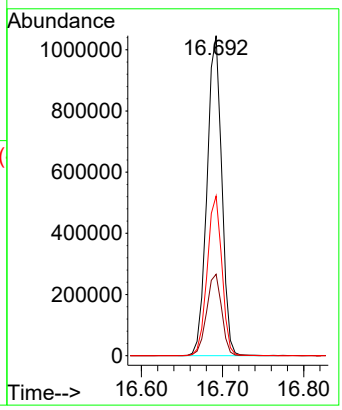


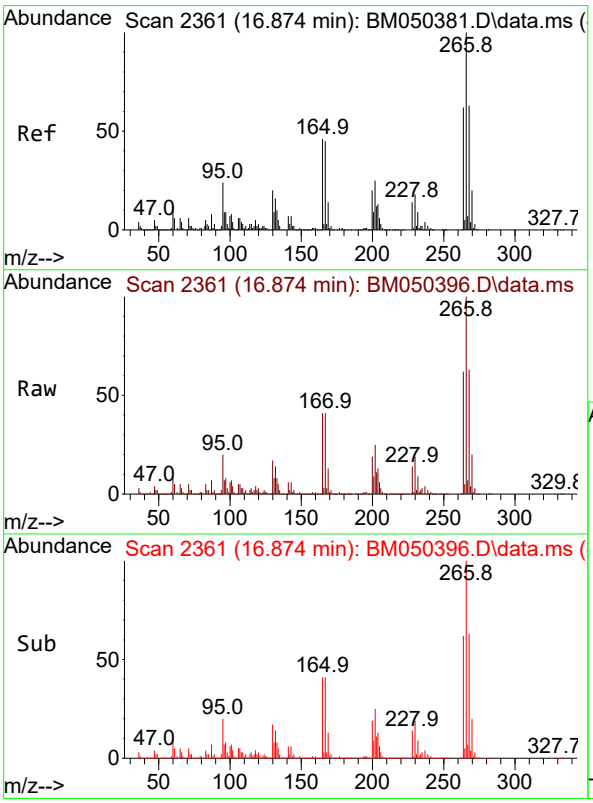
#69
Atrazine
Concen: 48.847 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:200 Resp: 1315239

Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.6	45.6
215	49.9	29.6	69.6

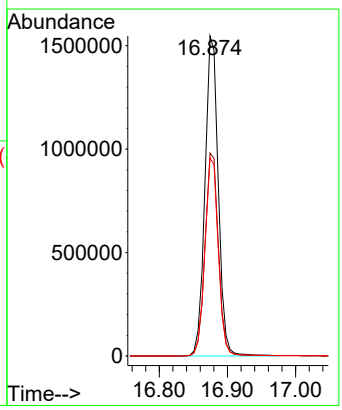


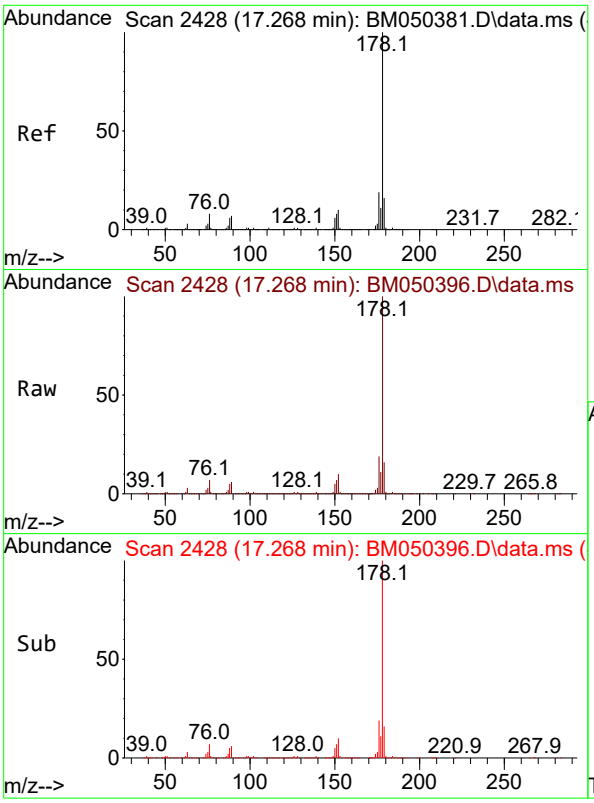


#70
Pentachlorophenol
Concen: 99.269 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:266 Resp: 2107205

Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.5	75.7
264	61.9	49.9	74.9



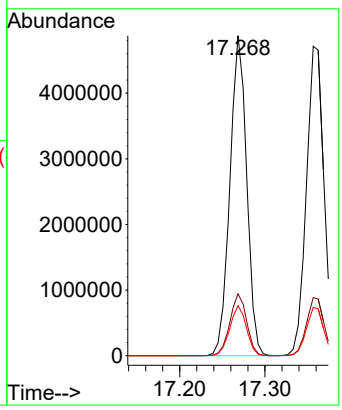


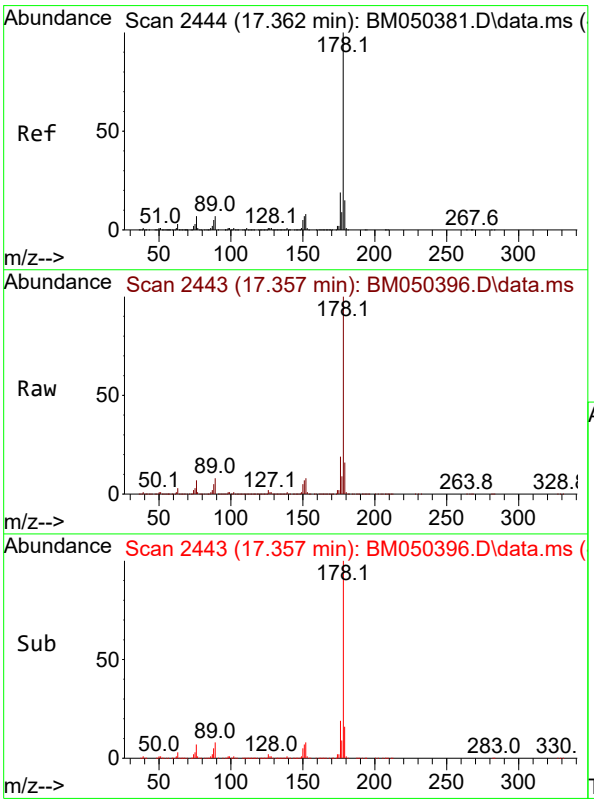
#71
Phenanthrene
Concen: 44.966 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:178 Resp: 6667527

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.6	12.5	18.7

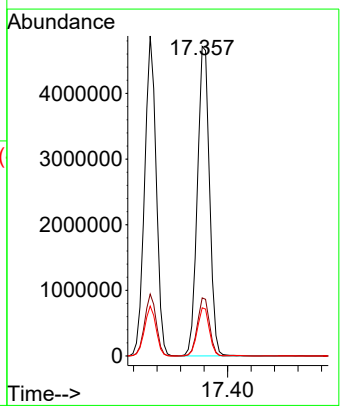


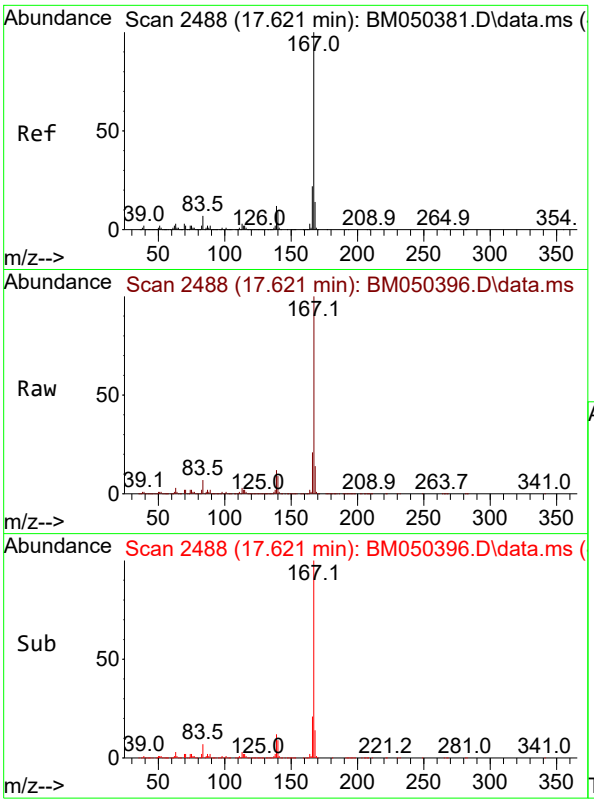


#72
Anthracene
Concen: 45.700 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:178 Resp: 6745323

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.6	12.2	18.4



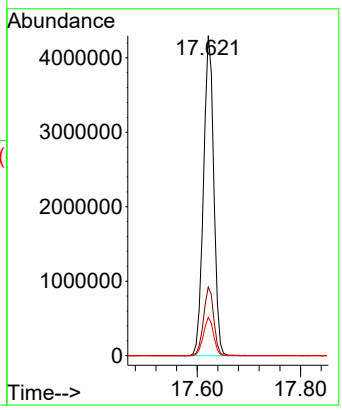


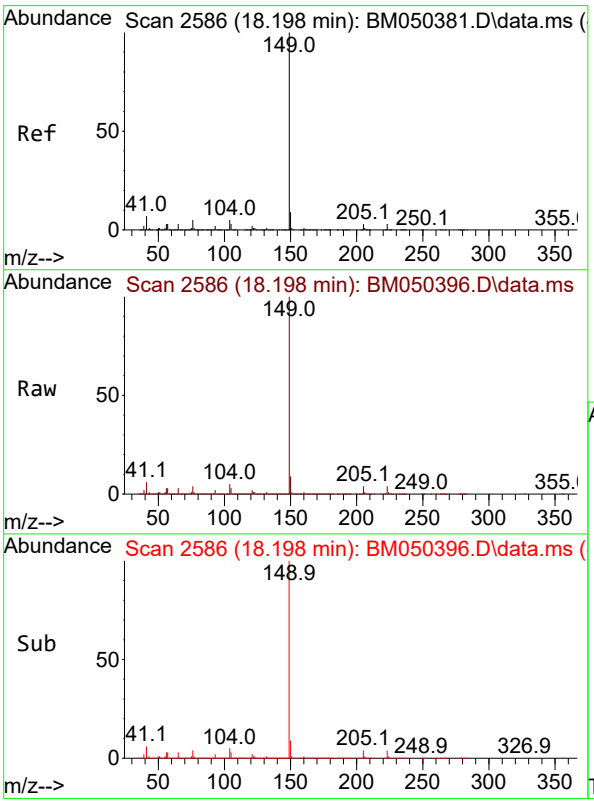
#73
Carbazole
Concen: 44.228 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:167 Resp: 5906740

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.0	9.9	14.9

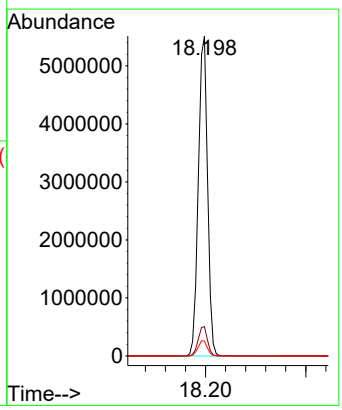


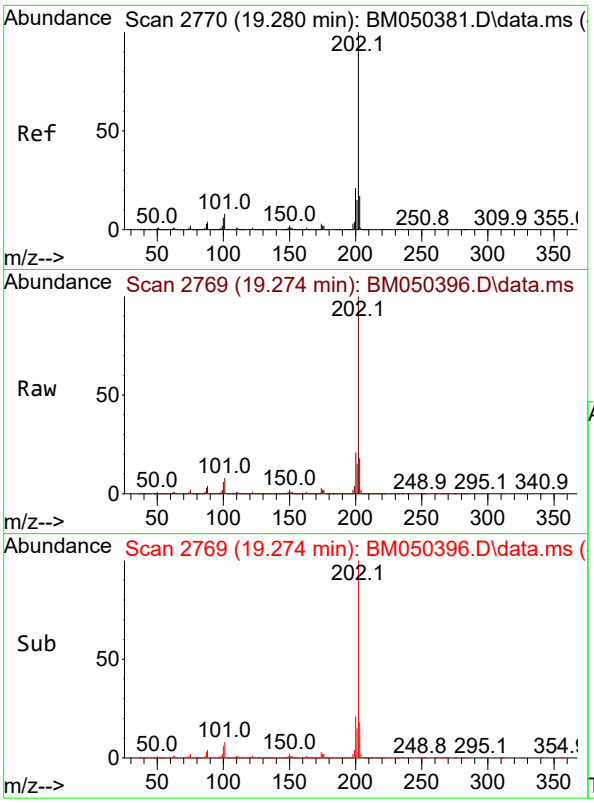


#74
Di-n-butylphthalate
Concen: 47.880 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:149 Resp: 6999012

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.7	3.9	5.9



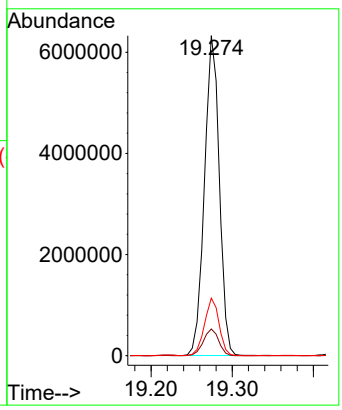


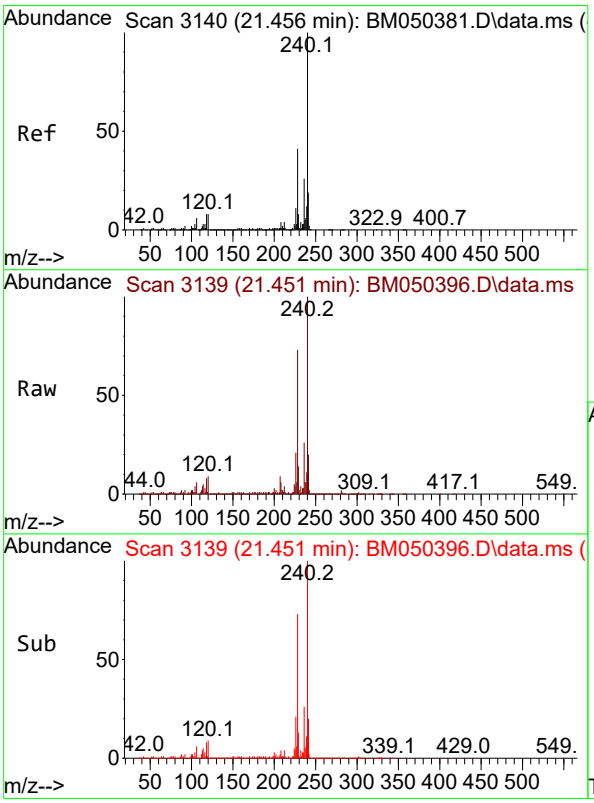
#75
Fluoranthene
Concen: 49.674 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:202 Resp: 8007356

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	18.0	0.0	37.2

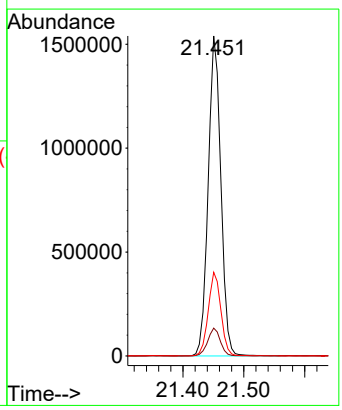


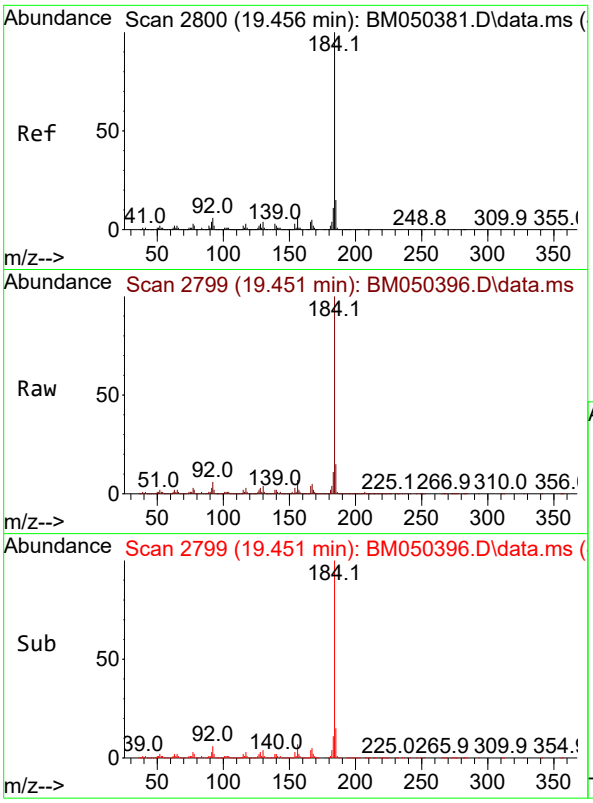


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:240 Resp: 2225729

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.7	10.1
236	26.1	20.7	31.1



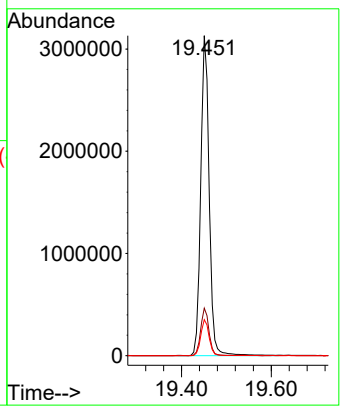


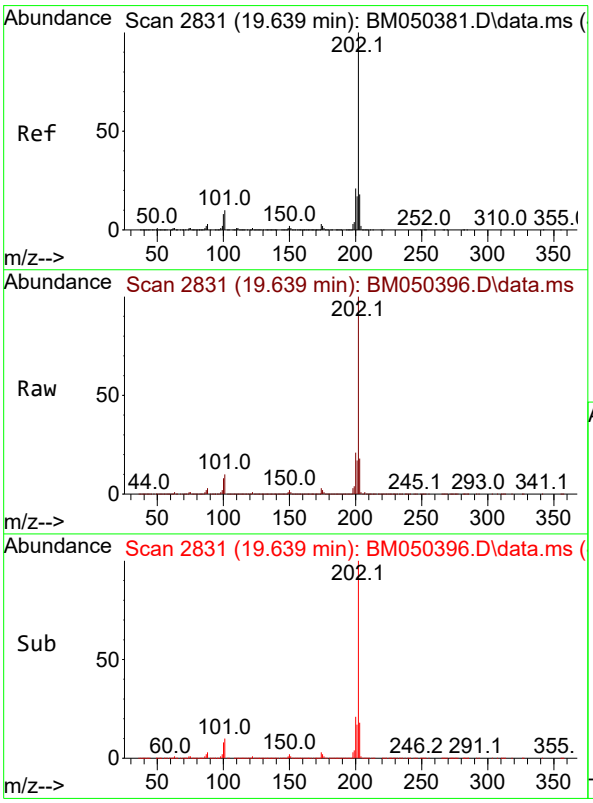
#77
Benzidine
Concen: 71.901 ng
RT: 19.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:184 Resp: 4081856

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.7	17.5
183	11.2	9.0	13.6

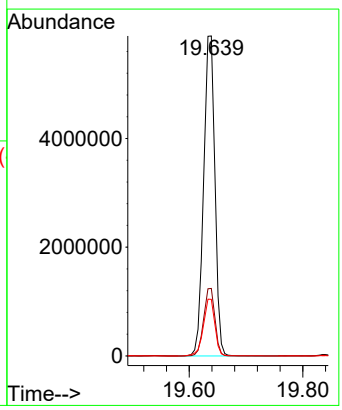


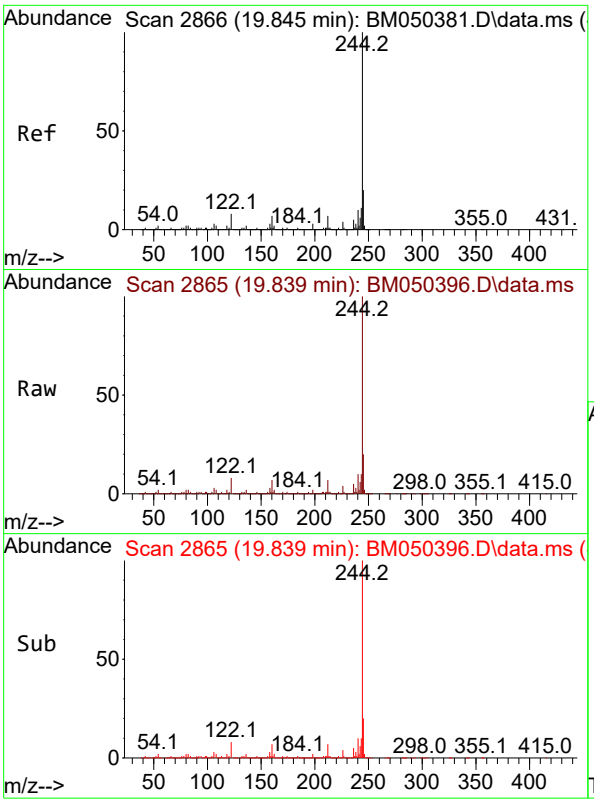


#78
Pyrene
Concen: 56.786 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:202 Resp: 8094743

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.7	14.1	21.1



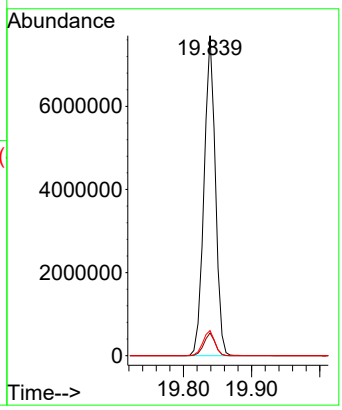


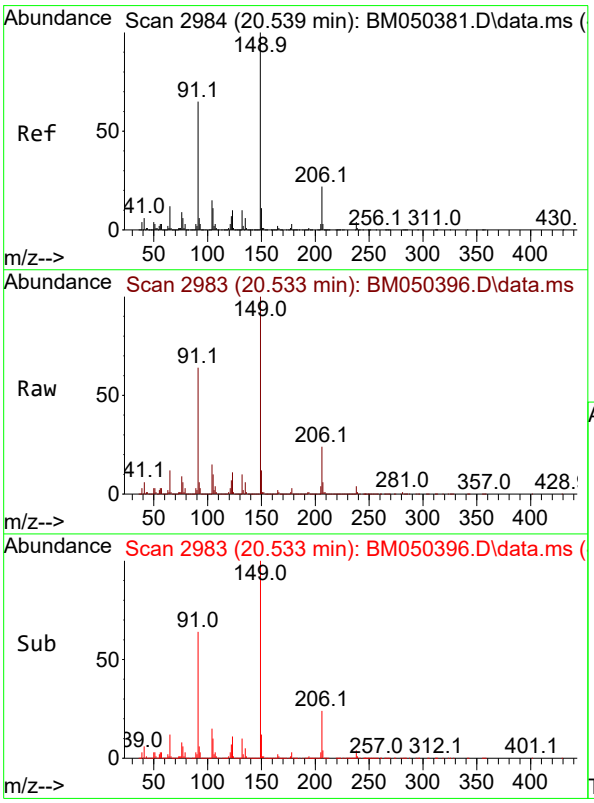
#79
Terphenyl-d14
Concen: 70.141 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:244 Resp: 8872887

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	7.9	6.2	9.2

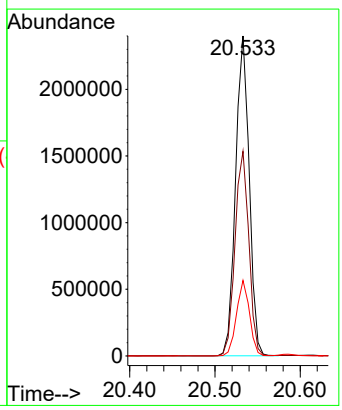


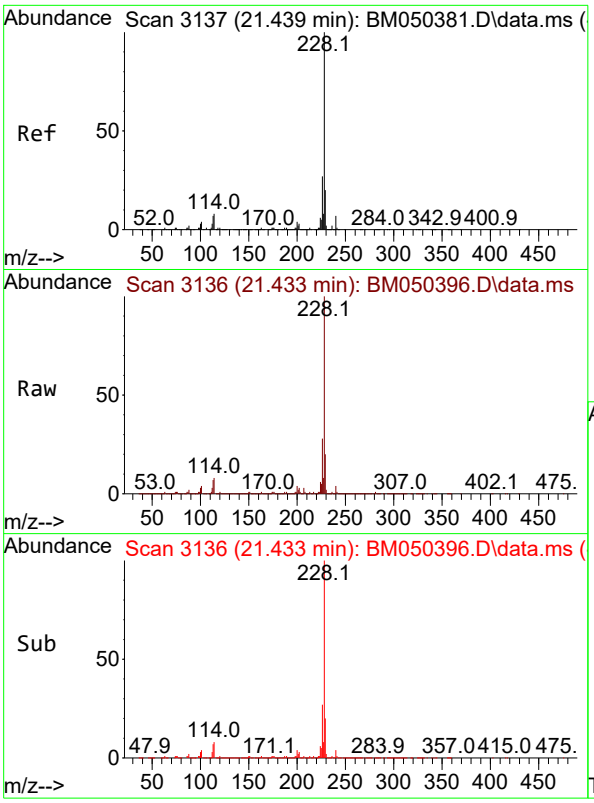


#80
Butylbenzylphthalate
Concen: 56.685 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:149 Resp: 2664337

Ion	Ratio	Lower	Upper
149	100		
91	64.0	51.6	77.4
206	23.6	17.8	26.8



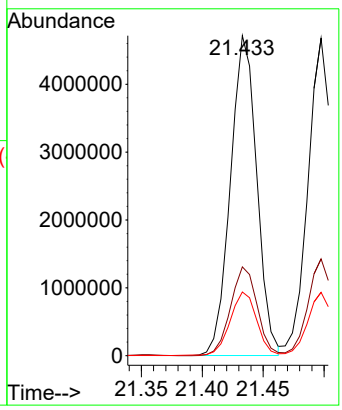


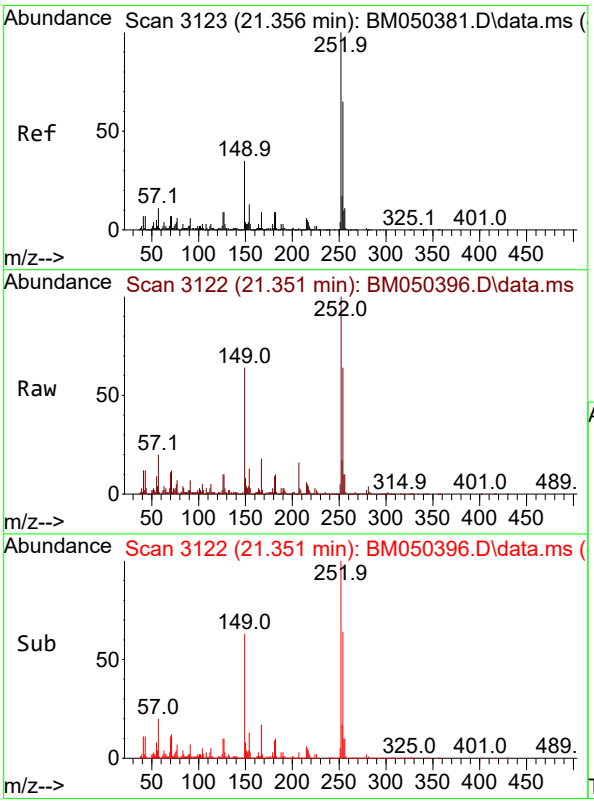
#81
Benzo(a)anthracene
Concen: 48.887 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:228 Resp: 7089619

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	19.9	16.0	24.0

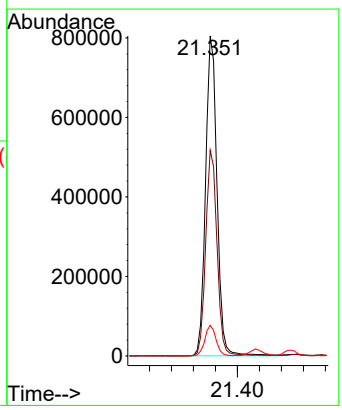


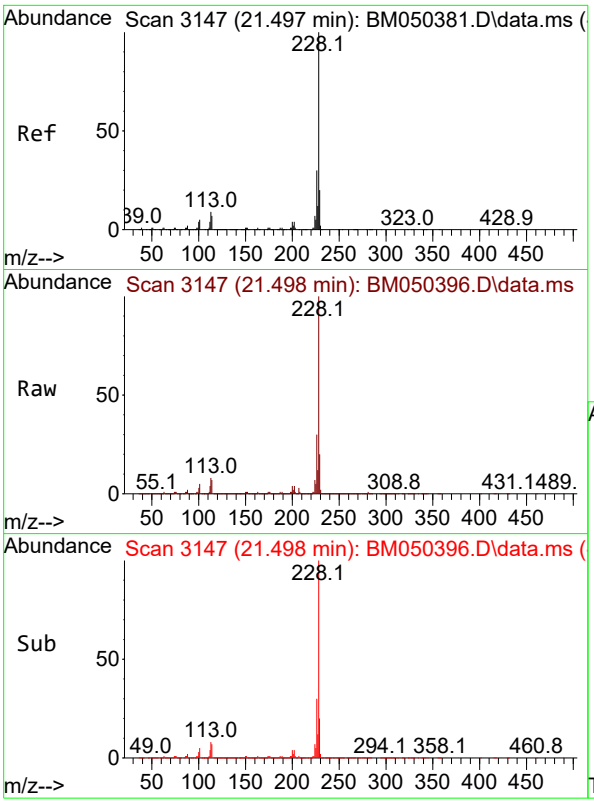


#82
3,3'-Dichlorobenzidine
Concen: 23.658 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:252 Resp: 1157046

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.7	77.5
126	9.6	7.3	10.9



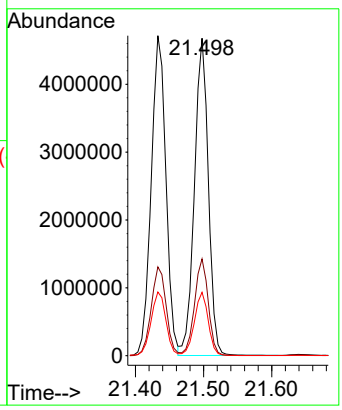


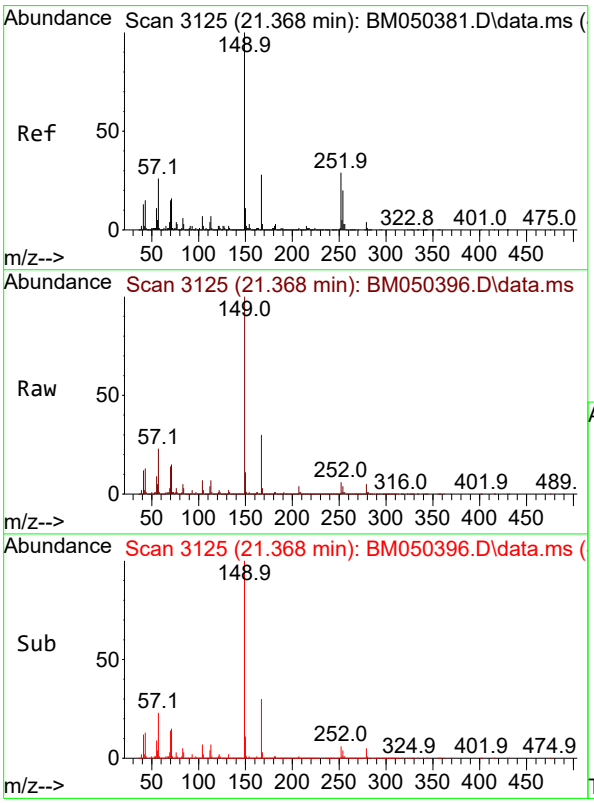
#83
Chrysene
Concen: 48.177 ng
RT: 21.498 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:228 Resp: 6589909

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	20.0	15.8	23.6

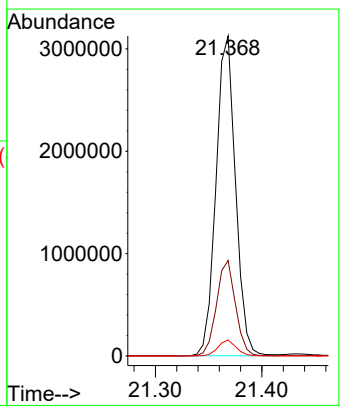


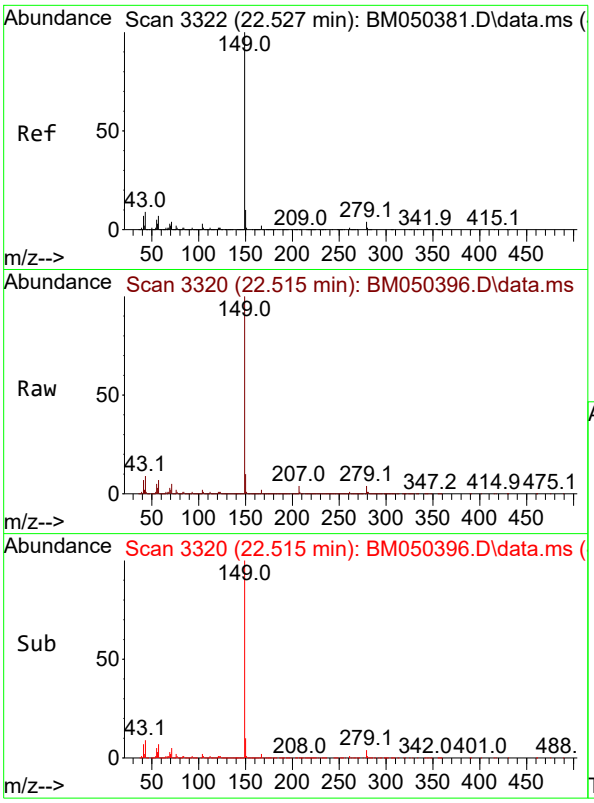


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.165 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:149 Resp: 3966910

Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.7	34.1
279	5.0	3.5	5.3



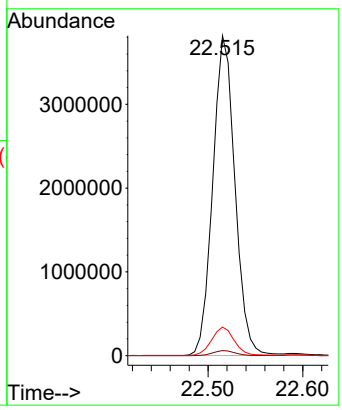


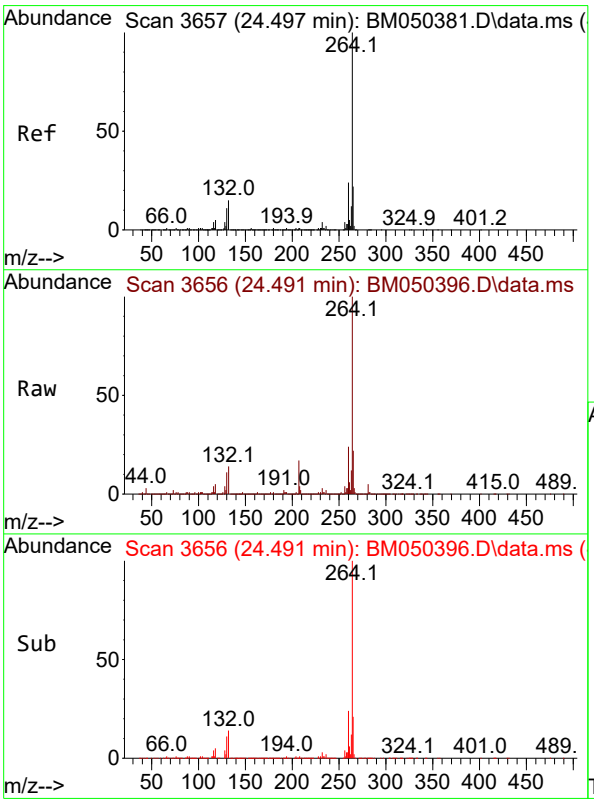
#85
Di-n-octyl phthalate
Concen: 53.052 ng
RT: 22.515 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:149 Resp: 6199820

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.7	11.5

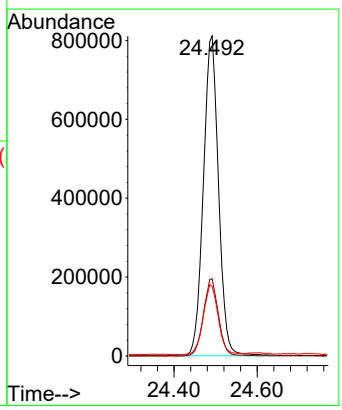


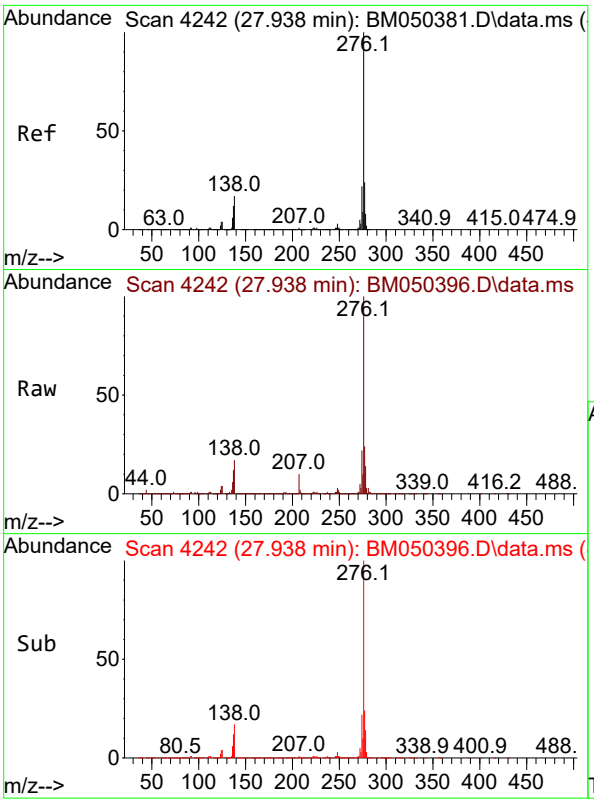


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:264 Resp: 2052956

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.8	26.6



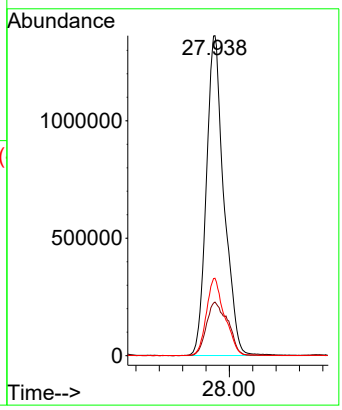


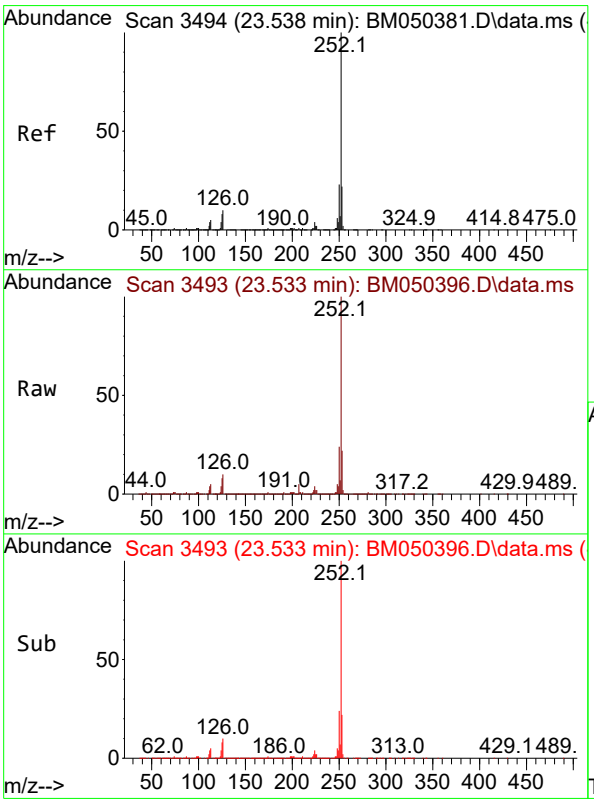
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.785 ng
RT: 27.938 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:276 Resp: 7120824

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.0	25.6
277	25.0	20.0	30.0

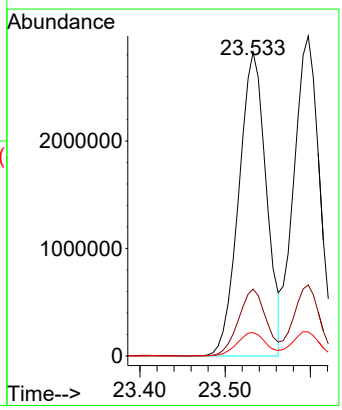


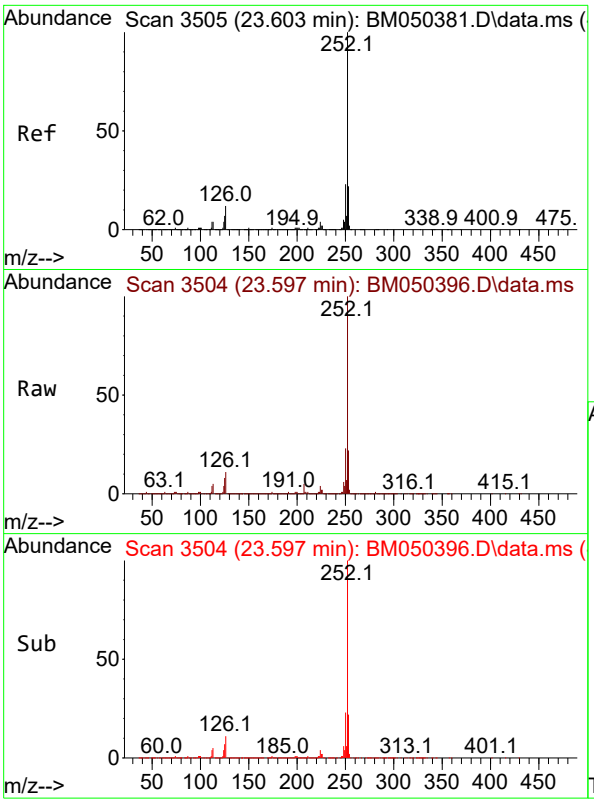


#88
Benzo(b)fluoranthene
Concen: 50.194 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:252 Resp: 6338332

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.7	6.3	9.5



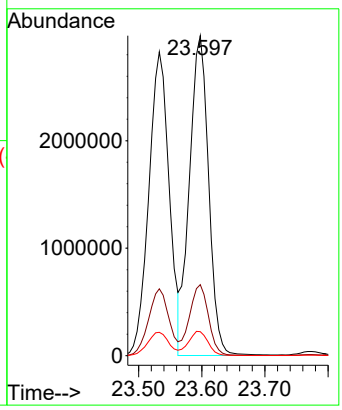


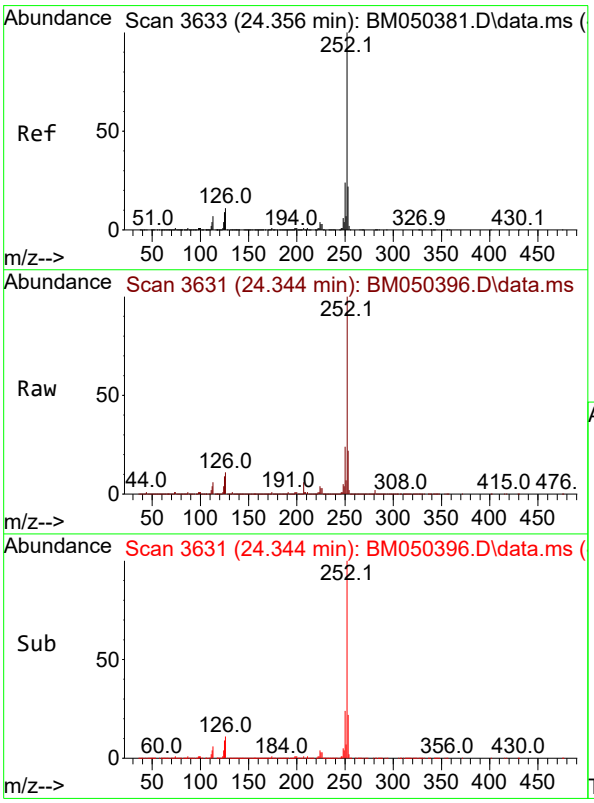
#89
Benzo(k)fluoranthene
Concen: 47.940 ng
RT: 23.597 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:252 Resp: 6281505

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	7.5	6.2	9.2

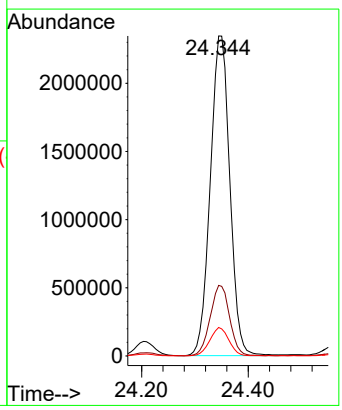


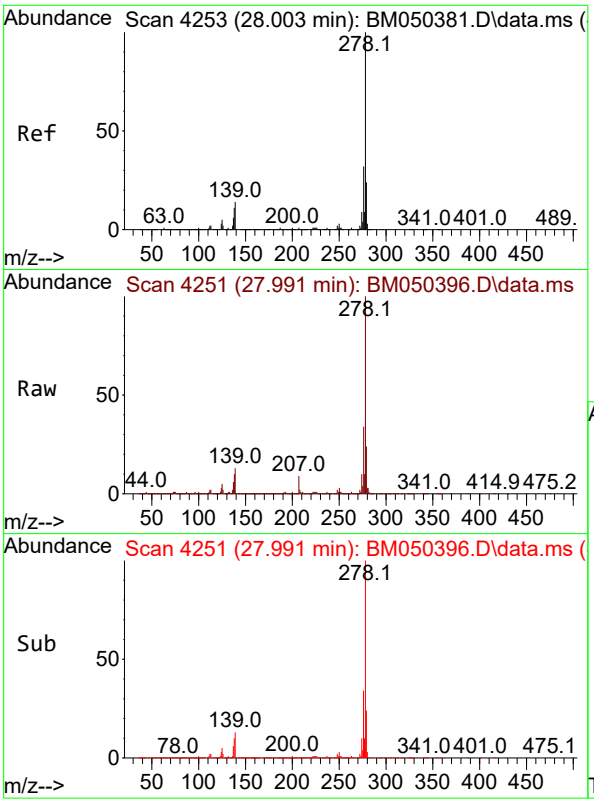


#90
Benzo(a)pyrene
Concen: 50.522 ng
RT: 24.344 min Scan# 3631
Delta R.T. -0.012 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:252 Resp: 5972104

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	8.9	7.0	10.4



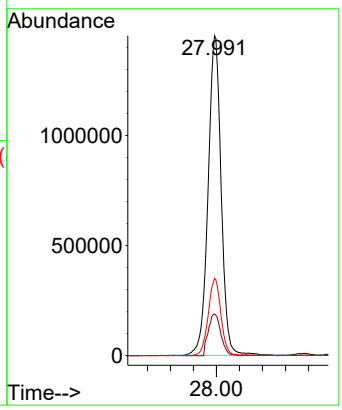


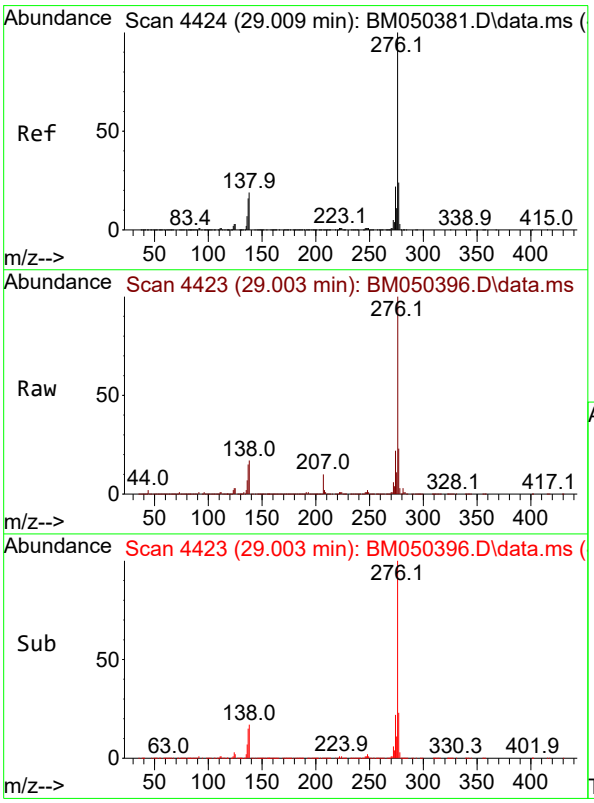
#91
Dibenzo(a,h)anthracene
Concen: 46.540 ng
RT: 27.991 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Instrument :
BNA_M
ClientSampleId :
TP-49MSD

Tgt Ion:278 Resp: 5721036

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.8	16.2
279	24.1	19.4	29.0

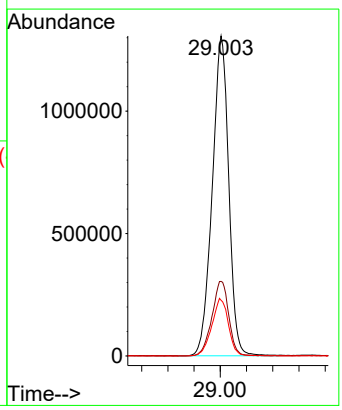




#92
Benzo(g,h,i)perylene
Concen: 48.999 ng
RT: 29.003 min Scan# 4423
Delta R.T. -0.006 min
Lab File: BM050396.D
Acq: 10 Jul 2025 19:18

Tgt Ion:276 Resp: 5692682

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	17.4	14.9	22.3



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Manual Integration Report

Sequence:	BM070925	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BM050379.D	Benzaldehyde	Rahul	7/9/2025 9:47:39 AM	Jagrut	7/9/2025 2:15:18 PM	Peak Integrated by Software
SSTDICC020	BM050380.D	Benzaldehyde	Rahul	7/9/2025 9:47:42 AM	Jagrut	7/9/2025 2:15:21 PM	Peak Integrated by Software
SSTDICCC040	BM050381.D	Benzaldehyde	Rahul	7/9/2025 9:47:45 AM	Jagrut	7/9/2025 2:15:23 PM	Peak Integrated by Software
SSTDICC050	BM050382.D	Benzaldehyde	Rahul	7/9/2025 9:47:47 AM	Jagrut	7/9/2025 2:15:25 PM	Peak Integrated by Software
SSTDICV040	BM050385.D	Benzaldehyde	Rahul	7/9/2025 9:47:50 AM	Jagrut	7/9/2025 2:15:28 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bm071025	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM050388.D	Benzaldehyde	Rahul	7/11/2025 12:08:24 PM	Jagrut	7/11/2025 2:56:11 PM	Peak Integrated by Software
Q2543-02	BM050394.D	Benzo(k)fluoranthene	Rahul	7/11/2025 12:08:27 PM	Jagrut	7/11/2025 2:56:15 PM	Peak Integrated by Software
Q2543-02	BM050394.D	Chrysene	Rahul	7/11/2025 12:08:27 PM	Jagrut	7/11/2025 2:56:15 PM	Peak Integrated by Software
Q2543-02MS	BM050395.D	Caprolactam	Rahul	7/11/2025 12:08:30 PM	Jagrut	7/11/2025 2:56:18 PM	Peak Integrated by Software
Q2543-02MSD	BM050396.D	Caprolactam	Rahul	7/11/2025 12:08:32 PM	Jagrut	7/11/2025 2:56:19 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP070325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025072.D	Acenaphthene	Rahul	7/7/2025 11:35:36 AM	Jagrut	7/7/2025 12:14:15 PM	Peak Integrated by Software
SSTDICC005	BP025072.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:36 AM	Jagrut	7/7/2025 12:14:15 PM	Peak Integrated by Software
SSTDICC010	BP025073.D	Acenaphthene	Rahul	7/7/2025 11:35:39 AM	Jagrut	7/7/2025 12:14:23 PM	Peak Integrated by Software
SSTDICC020	BP025074.D	Acenaphthene	Rahul	7/7/2025 11:35:42 AM	Jagrut	7/7/2025 12:14:25 PM	Peak Integrated by Software
SSTDICCC040	BP025075.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:44 AM	Jagrut	7/7/2025 12:14:28 PM	Peak Integrated by Software
SSTDICC050	BP025076.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:46 AM	Jagrut	7/7/2025 12:14:34 PM	Peak Integrated by Software
SSTDICC050	BP025076.D	Pyridine	Rahul	7/7/2025 11:35:46 AM	Jagrut	7/7/2025 12:14:34 PM	Peak Integrated by Software
SSTDICC060	BP025077.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:49 AM	Jagrut	7/7/2025 12:14:37 PM	Peak Integrated by Software
SSTDICC060	BP025077.D	Pyridine	Rahul	7/7/2025 11:35:49 AM	Jagrut	7/7/2025 12:14:37 PM	Peak Integrated by Software
SSTDICC080	BP025078.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:51 AM	Jagrut	7/7/2025 12:14:42 PM	Peak Integrated by Software
SSTDICC080	BP025078.D	Pyridine	Rahul	7/7/2025 11:35:51 AM	Jagrut	7/7/2025 12:14:42 PM	Peak Integrated by Software
SSTDICV040	BP025079.D	Acenaphthene	Rahul	7/7/2025 11:35:54 AM	Jagrut	7/7/2025 12:14:48 PM	Peak Integrated by Software
SSTDICV040	BP025079.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:54 AM	Jagrut	7/7/2025 12:14:48 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP070325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	bp071125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025098.D	Indeno(1,2,3-cd)pyrene	Rahul	7/14/2025 11:13:03 AM	Jagrut	7/14/2025 2:30:29 PM	Peak Integrated by Software
SSTDCCC040	BP025110.D	Indeno(1,2,3-cd)pyrene	Rahul	7/14/2025 11:13:14 AM	Jagrut	7/14/2025 2:30:39 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp071525	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025138.D	Indeno(1,2,3-cd)pyrene	Rahul	7/16/2025 11:48:10 AM	Jagrut	7/16/2025 1:39:23 PM	Peak Integrated by Software
PB168787BS	BP025140.D	Caprolactam	Rahul	7/16/2025 11:48:13 AM	Jagrut	7/16/2025 1:39:26 PM	Peak Integrated by Software

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM070925

Review By	Rahul	Review On	7/9/2025 9:48:51 AM		
Supervise By	Jagrut	Supervise On	7/9/2025 2:15:39 PM		
SubDirectory	BM070925	HP Acquire Method	BNA_M	HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050376.D	08 Jul 2025 11:59	RC/JU	Ok
2	SSTDICC2.5	BM050377.D	08 Jul 2025 12:39	RC/JU	Ok
3	SSTDICC005	BM050378.D	08 Jul 2025 13:19	RC/JU	Ok
4	SSTDICC010	BM050379.D	08 Jul 2025 14:00	RC/JU	Ok,M
5	SSTDICC020	BM050380.D	08 Jul 2025 14:40	RC/JU	Ok,M
6	SSTDICCC040	BM050381.D	08 Jul 2025 15:20	RC/JU	Ok,M
7	SSTDICC050	BM050382.D	08 Jul 2025 16:01	RC/JU	Ok,M
8	SSTDICC060	BM050383.D	08 Jul 2025 16:41	RC/JU	Ok
9	SSTDICC080	BM050384.D	08 Jul 2025 17:22	RC/JU	Ok
10	SSTDICV040	BM050385.D	08 Jul 2025 18:05	RC/JU	Ok,M
11	PB168722BL	BM050386.D	08 Jul 2025 19:26	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM071025

Review By	Rahul	Review On	7/11/2025 12:08:59 PM				
Supervise By	Jagrut	Supervise On	7/11/2025 2:56:38 PM				
SubDirectory	BM071025	HP Acquire Method	BNA_M		HP Processing Method	bm070925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050387.D	10 Jul 2025 13:13	RC/JU	Ok
2	SSTDCCC040	BM050388.D	10 Jul 2025 13:53	RC/JU	Ok,M
3	PB168689TB	BM050389.D	10 Jul 2025 14:33	RC/JU	Ok
4	Q2529-03	BM050390.D	10 Jul 2025 15:17	RC/JU	Ok
5	Q2529-05	BM050391.D	10 Jul 2025 15:57	RC/JU	Ok
6	Q2529-08	BM050392.D	10 Jul 2025 16:37	RC/JU	Ok
7	Q2529-09	BM050393.D	10 Jul 2025 17:18	RC/JU	Ok
8	Q2543-02	BM050394.D	10 Jul 2025 17:58	RC/JU	Ok,M
9	Q2543-02MS	BM050395.D	10 Jul 2025 18:38	RC/JU	Ok,M
10	Q2543-02MSD	BM050396.D	10 Jul 2025 19:18	RC/JU	Ok,M
11	Q2489-01	BM050397.D	10 Jul 2025 19:59	RC/JU	Ok
12	Q2489-01MS	BM050398.D	10 Jul 2025 20:39	RC/JU	Ok,M
13	Q2489-01MSD	BM050399.D	10 Jul 2025 21:19	RC/JU	Ok,M
14	Q2489-02	BM050400.D	10 Jul 2025 21:59	RC/JU	Ok
15	Q2489-03	BM050401.D	10 Jul 2025 22:39	RC/JU	Ok
16	Q2543-03	BM050402.D	10 Jul 2025 23:19	RC/JU	Ok
17	Q2543-04	BM050403.D	10 Jul 2025 23:59	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP070325

Review By	Rahul	Review On	7/7/2025 11:36:11 AM				
Supervise By	Jagrut	Supervise On	7/7/2025 12:15:03 PM				
SubDirectory	BP070325	HP Acquire Method	BNA_P		HP Processing Method	bp070325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025070.D	03 Jul 2025 08:58	CG/JU	Ok
2	SSTDICC2.5	BP025071.D	03 Jul 2025 09:39	CG/JU	Ok
3	SSTDICC005	BP025072.D	03 Jul 2025 10:21	CG/JU	Ok,M
4	SSTDICC010	BP025073.D	03 Jul 2025 11:02	CG/JU	Ok,M
5	SSTDICC020	BP025074.D	03 Jul 2025 11:44	CG/JU	Ok,M
6	SSTDICCC040	BP025075.D	03 Jul 2025 12:25	CG/JU	Ok,M
7	SSTDICC050	BP025076.D	03 Jul 2025 13:07	CG/JU	Ok,M
8	SSTDICC060	BP025077.D	03 Jul 2025 13:49	CG/JU	Ok,M
9	SSTDICC080	BP025078.D	03 Jul 2025 14:31	CG/JU	Ok,M
10	SSTDICV040	BP025079.D	03 Jul 2025 16:18	CG/JU	Ok,M
11	PB168694BL	BP025080.D	03 Jul 2025 16:59	CG/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071125

Review By	Rahul	Review On	7/14/2025 11:13:45 AM				
Supervise By	Jagrut	Supervise On	7/14/2025 2:30:50 PM				
SubDirectory	BP071125	HP Acquire Method	BNA_P		HP Processing Method	bp070325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025097.D	11 Jul 2025 09:04	CG/JU	Ok
2	SSTDCCC040	BP025098.D	11 Jul 2025 10:26	CG/JU	Ok,M
3	PB168787BL	BP025099.D	11 Jul 2025 11:08	CG/JU	Ok
4	Q2126-02	BP025100.D	11 Jul 2025 11:50	CG/JU	Ok,M
5	Q2126-02	BP025101.D	11 Jul 2025 12:55	CG/JU	Not Ok
6	Q2126-08	BP025102.D	11 Jul 2025 13:36	CG/JU	Ok,M
7	Q2126-08	BP025103.D	11 Jul 2025 14:18	CG/JU	Ok
8	Q2126-02	BP025104.D	11 Jul 2025 15:00	CG/JU	Ok,M
9	Q2126-01	BP025105.D	11 Jul 2025 15:42	CG/JU	Ok
10	Q2126-01	BP025106.D	11 Jul 2025 16:24	CG/JU	Ok
11	Q2126-07	BP025107.D	11 Jul 2025 17:06	CG/JU	Ok
12	Q2126-07	BP025108.D	11 Jul 2025 17:48	CG/JU	Ok
13	PB168802BL	BP025109.D	11 Jul 2025 18:30	CG/JU	Ok
14	SSTDCCC040	BP025110.D	11 Jul 2025 19:12	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071525

Review By	Rahul	Review On	7/16/2025 11:48:50 AM				
Supervise By	Jagrut	Supervise On	7/16/2025 1:40:00 PM				
SubDirectory	BP071525	HP Acquire Method	BNA_P		HP Processing Method	bp070325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025137.D	15 Jul 2025 08:55	CG/JU	Ok
2	SSTDCCC040	BP025138.D	15 Jul 2025 09:36	CG/JU	Ok,M
3	PB168761TB	BP025139.D	15 Jul 2025 10:17	CG/JU	Ok
4	PB168787BS	BP025140.D	15 Jul 2025 10:58	CG/JU	Ok,M
5	Q2517-04MS	BP025141.D	15 Jul 2025 11:44	CG/JU	Ok
6	Q2517-04MSD	BP025142.D	15 Jul 2025 12:25	CG/JU	Ok,M
7	Q2543-01	BP025143.D	15 Jul 2025 13:07	CG/JU	Ok
8	Q2565-01	BP025144.D	15 Jul 2025 13:48	CG/JU	Ok,M
9	Q2565-03	BP025145.D	15 Jul 2025 14:30	CG/JU	Ok
10	Q2550-02	BP025146.D	15 Jul 2025 15:17	CG/JU	Ok,M
11	Q2487-13DL2	BP025147.D	15 Jul 2025 15:58	CG/JU	Ok,M
12	Q2597-01	BP025148.D	15 Jul 2025 16:39	CG/JU	Ok,M
13	Q2590-01	BP025149.D	15 Jul 2025 17:21	CG/JU	Ok,M
14	Q2595-01	BP025150.D	15 Jul 2025 18:02	CG/JU	Ok
15	Q2571-01	BP025151.D	15 Jul 2025 18:43	CG/JU	Ok
16	Q2539-01	BP025152.D	15 Jul 2025 19:25	CG/JU	Ok
17	Q2546-01	BP025153.D	15 Jul 2025 20:06	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM070925

Review By	Rahul	Review On	7/9/2025 9:48:51 AM		
Supervise By	Jagrut	Supervise On	7/9/2025 2:15:39 PM		
SubDirectory	BM070925	HP Acquire Method	BNA_M	HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050376.D	08 Jul 2025 11:59		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050377.D	08 Jul 2025 12:39		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050378.D	08 Jul 2025 13:19		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BM050379.D	08 Jul 2025 14:00		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050380.D	08 Jul 2025 14:40		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050381.D	08 Jul 2025 15:20	Compound#32,54,57,62,65 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BM050382.D	08 Jul 2025 16:01		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BM050383.D	08 Jul 2025 16:41		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050384.D	08 Jul 2025 17:22	Compound#09 removed from 80 ppm	RC/JU	Ok
10	SSTDICV040	ICVBM070925	BM050385.D	08 Jul 2025 18:05	Comp#77 Failed from High side	RC/JU	Ok,M
11	PB168722BL	PB168722BL	BM050386.D	08 Jul 2025 19:26		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM071025

Review By	Rahul	Review On	7/11/2025 12:08:59 PM		
Supervise By	Jagrut	Supervise On	7/11/2025 2:56:38 PM		
SubDirectory	BM071025	HP Acquire Method	BNA_M	HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050387.D	10 Jul 2025 13:13		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050388.D	10 Jul 2025 13:53		RC/JU	Ok,M
3	PB168689TB	PB168689TB	BM050389.D	10 Jul 2025 14:33		RC/JU	Ok
4	Q2529-03	TP-79	BM050390.D	10 Jul 2025 15:17		RC/JU	Ok
5	Q2529-05	TP-98	BM050391.D	10 Jul 2025 15:57		RC/JU	Ok
6	Q2529-08	TP-89	BM050392.D	10 Jul 2025 16:37		RC/JU	Ok
7	Q2529-09	TP-33	BM050393.D	10 Jul 2025 17:18		RC/JU	Ok
8	Q2543-02	TP-49	BM050394.D	10 Jul 2025 17:58		RC/JU	Ok,M
9	Q2543-02MS	TP-49MS	BM050395.D	10 Jul 2025 18:38		RC/JU	Ok,M
10	Q2543-02MSD	TP-49MSD	BM050396.D	10 Jul 2025 19:18		RC/JU	Ok,M
11	Q2489-01	G4(0-6)	BM050397.D	10 Jul 2025 19:59		RC/JU	Ok
12	Q2489-01MS	G4(0-6)MS	BM050398.D	10 Jul 2025 20:39		RC/JU	Ok,M
13	Q2489-01MSD	G4(0-6)MSD	BM050399.D	10 Jul 2025 21:19		RC/JU	Ok,M
14	Q2489-02	G4(6-12)	BM050400.D	10 Jul 2025 21:59		RC/JU	Ok
15	Q2489-03	G3(0-6)	BM050401.D	10 Jul 2025 22:39		RC/JU	Ok
16	Q2543-03	TP-23	BM050402.D	10 Jul 2025 23:19		RC/JU	Ok
17	Q2543-04	TP-23-99	BM050403.D	10 Jul 2025 23:59		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP070325

Review By	Rahul	Review On	7/7/2025 11:36:11 AM		
Supervise By	Jagrut	Supervise On	7/7/2025 12:15:03 PM		
SubDirectory	BP070325	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025070.D	03 Jul 2025 08:58		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025071.D	03 Jul 2025 09:39		CG/JU	Ok
3	SSTDICC005	SSTDICC005	BP025072.D	03 Jul 2025 10:21		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025073.D	03 Jul 2025 11:02		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP025074.D	03 Jul 2025 11:44		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025075.D	03 Jul 2025 12:25	compound #77 failed in the calibration.	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025076.D	03 Jul 2025 13:07	Compound#26,32,48,54,57,65,80,85 Kept on LR	CG/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP025077.D	03 Jul 2025 13:49		CG/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP025078.D	03 Jul 2025 14:31	Compound#09 removed from 80 ppm	CG/JU	Ok,M
10	SSTDICV040	ICVBP070325	BP025079.D	03 Jul 2025 16:18		CG/JU	Ok,M
11	PB168694BL	PB168694BL	BP025080.D	03 Jul 2025 16:59	Analyzed for contamination check	CG/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071125

Review By	Rahul	Review On	7/14/2025 11:13:45 AM		
Supervise By	Jagrut	Supervise On	7/14/2025 2:30:50 PM		
SubDirectory	BP071125	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025097.D	11 Jul 2025 09:04		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025098.D	11 Jul 2025 10:26		CG/JU	Ok,M
3	PB168787BL	PB168787BL	BP025099.D	11 Jul 2025 11:08		CG/JU	Ok
4	Q2126-02	LOQ-SOIL-02-QT2-202	BP025100.D	11 Jul 2025 11:50	LOQ-SOIL-5 PPM	CG/JU	Ok,M
5	Q2126-02	LOQ-SOIL-02-QT2-202	BP025101.D	11 Jul 2025 12:55	NOT USED	CG/JU	Not Ok
6	Q2126-08	LOQ-WATER-02-QT2-2	BP025102.D	11 Jul 2025 13:36	LOQ-WATER-5 PPM	CG/JU	Ok,M
7	Q2126-08	LOQ-WATER-02-QT2-2	BP025103.D	11 Jul 2025 14:18	LOQ-WATER-10 PPM	CG/JU	Ok
8	Q2126-02	LOQ-SOIL-02-QT2-202	BP025104.D	11 Jul 2025 15:00	LOQ-SOIL-10 PPM	CG/JU	Ok,M
9	Q2126-01	LOD-MDL-SOIL-03-QT	BP025105.D	11 Jul 2025 15:42	LOD-MDL-SOIL-4 PPM	CG/JU	Ok
10	Q2126-01	LOD-MDL-SOIL-03-QT	BP025106.D	11 Jul 2025 16:24	LOD-MDL-SOIL-8 PPM	CG/JU	Ok
11	Q2126-07	LOD-MDL-WATER-01-(	BP025107.D	11 Jul 2025 17:06	LOD-MDL-WATER-4 PPM	CG/JU	Ok
12	Q2126-07	LOD-MDL-WATER-01-(	BP025108.D	11 Jul 2025 17:48	LOD-MDL-WATER-8 PPM	CG/JU	Ok
13	PB168802BL	PB168802BL	BP025109.D	11 Jul 2025 18:30		CG/JU	Ok
14	SSTDCCC040	SSTDCCC040EC	BP025110.D	11 Jul 2025 19:12		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 # BP071525

Review By	Rahul	Review On	7/16/2025 11:48:50 AM		
Supervise By	Jagrut	Supervise On	7/16/2025 1:40:00 PM		
SubDirectory	BP071525	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025137.D	15 Jul 2025 08:55		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025138.D	15 Jul 2025 09:36		CG/JU	Ok,M
3	PB168761TB	PB168761TB	BP025139.D	15 Jul 2025 10:17		CG/JU	Ok
4	PB168787BS	PB168787BS	BP025140.D	15 Jul 2025 10:58		CG/JU	Ok,M
5	Q2517-04MS	TP-14MS	BP025141.D	15 Jul 2025 11:44		CG/JU	Ok
6	Q2517-04MSD	TP-14MSD	BP025142.D	15 Jul 2025 12:25		CG/JU	Ok,M
7	Q2543-01	TP-41	BP025143.D	15 Jul 2025 13:07		CG/JU	Ok
8	Q2565-01	MOO-25-0192-0193	BP025144.D	15 Jul 2025 13:48		CG/JU	Ok,M
9	Q2565-03	MOO-25-0191	BP025145.D	15 Jul 2025 14:30		CG/JU	Ok
10	Q2550-02	VNJ-203	BP025146.D	15 Jul 2025 15:17		CG/JU	Ok,M
11	Q2487-13DL2	G2(0-6)DL2	BP025147.D	15 Jul 2025 15:58		CG/JU	Ok,M
12	Q2597-01	CHRT-26899	BP025148.D	15 Jul 2025 16:39		CG/JU	Ok,M
13	Q2590-01	NB-07-071125	BP025149.D	15 Jul 2025 17:21		CG/JU	Ok,M
14	Q2595-01	CHRT-24849	BP025150.D	15 Jul 2025 18:02		CG/JU	Ok
15	Q2571-01	TP-18	BP025151.D	15 Jul 2025 18:43		CG/JU	Ok
16	Q2539-01	HACKENSACK	BP025152.D	15 Jul 2025 19:25		CG/JU	Ok
17	Q2546-01	HD-02-7-9-2025	BP025153.D	15 Jul 2025 20:06		CG/JU	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/10/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 07/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136409

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
Q2534-01	VNJ-206#1	8	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-02	VNJ-206#2	9	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-03	VNJ-224#1	10	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-04	VNJ-224#2	11	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-05	VNJ-232#1	12	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-06	VNJ-232#2	13	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-07	VNJ-227#1	14	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-08	VNJ-227#2	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2535-03	70225-PIPE	1	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2535-04	70725-PIPE	2	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2537-01	TR-04-7.9-2025	42	1.18	10.34	11.52	10.54	90.5	
Q2537-02	TR-04-7.9-2025	43	1.15	10.83	11.98	10.83	89.4	
Q2538-01	70325-A	3	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2538-02	70325-B	4	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2538-03	70325-C	5	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2539-01	HACKENSACK	6	1.14	10.40	11.54	10.9	93.8	
Q2539-02	HACKENSACK-EPH 2	7	1.15	10.84	11.99	11.31	93.7	
Q2541-01	HED664T-1-1	16	1.00	1.00	2.00	2.00	100.0	PILC
Q2541-02	HED664T-1-2	17	1.00	1.00	2.00	2.00	100.0	PILC
Q2542-01	VNJ-245	18	1.15	10.18	11.33	10.88	95.6	
Q2542-02	VNJ-245-E2	19	1.18	10.32	11.5	10.84	93.6	
Q2543-01	TP-41	20	1.16	10.61	11.77	9.86	82.0	
Q2543-02	TP-49	21	1.19	10.08	11.27	8.64	73.9	
Q2543-03	TP-23	22	1.15	10.00	11.15	9.65	85.0	
Q2543-04	TP-23-99	23	1.13	10.32	11.45	9.94	85.4	
Q2544-01	Y 2307-0174-1-1	24	1.00	1.00	2.00	2.00	100.0	PILC
Q2544-02	Y 2307-0174-1-2	25	1.00	1.00	2.00	2.00	100.0	PILC
Q2544-03	BC 258874-1-1	26	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/10/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 07/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136409

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
Q2544-04	BC 258874-1-2	27	1.00	1.00	2.00	2.00	100.0	PILC
Q2544-05	BC 274857-1-1	28	1.00	1.00	2.00	2.00	100.0	PILC
Q2544-06	BC 274857-1-2	29	1.00	1.00	2.00	2.00	100.0	PILC
Q2546-01	HD-02-7-9-2025	44	1.19	10.57	11.76	11.15	94.2	
Q2546-02	HD-02-7-9-2025	45	1.12	10.64	11.76	11.19	94.6	
Q2546-03	HD-02-7-9-2025	46	1.14	10.85	11.99	11.66	97.0	
Q2549-01	BC271242-1-1	30	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-02	BC271242-1-2	31	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-03	BC226734-1-1	32	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-04	BC226734-1-2	33	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-05	BC226734-2-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-06	BC226734-2-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-07	JEI484M-1-1	36	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-08	JEI484M-1-2	37	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-09	HZA852R-1-1	38	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-10	HZA852R-1-2	39	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-11	HZA852R-2-1	40	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-12	HZA852R-2-2	41	1.00	1.00	2.00	2.00	100.0	PILC
Q2551-02	VNJ-204	47	1.11	10.49	11.6	10.8	92.4	
Q2551-03	VNJ-204-EPH	48	1.15	11.19	12.34	11.26	90.3	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB B6409

WorkList Name : %1-070925 **WorkList ID :** 190592 **Department :** Wet-Chemistry **Date :** 07-09-2025 07:49:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2534-01	VNJ-206#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-02	VNJ-206#2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-03	VNJ-224#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-04	VNJ-224#2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-05	VNJ-232#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-06	VNJ-232#2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-07	VNJ-227#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-08	VNJ-227#2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2535-03	70225-PIPE	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2535-04	70725-PIPE	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/09/2025	Chemtech -SO
Q2537-01	TR-04-7.9-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/09/2025	Chemtech -SO
Q2537-02	TR-04-7.9-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	O33	07/09/2025	Chemtech -SO
Q2538-01	70325-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O33	07/09/2025	Chemtech -SO
Q2538-02	70325-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O41	07/09/2025	Chemtech -SO
Q2538-03	70325-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	O41	07/09/2025	Chemtech -SO
Q2539-01	HACKENSACK	Solid	Percent Solids	Cool 4 deg C	PSEG03	O41	07/09/2025	Chemtech -SO
Q2539-02	HACKENSACK-EPH 2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2541-01	HED664T-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2541-02	HED664T-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O41	07/09/2025	Chemtech -SO
Q2542-01	VNJ-245	Solid	Percent Solids	Cool 4 deg C	PSEG03	O41	07/09/2025	Chemtech -SO
Q2542-02	VNJ-245-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/09/2025	Chemtech -SO
						O32	07/09/2025	Chemtech -SO

Date/Time 07/09/25 15:00

Raw Sample Received by: JP WLC

Raw Sample Relinquished by: JDCSM

Date/Time 07/09/25 17:20

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: JP WLC

WORKLIST(Hardcopy Internal Chain)

WB 136409

WorkList Name : %1-070925 **WorkList ID :** 190592 **Department :** Wet-Chemistry **Date :** 07-09-2025 07:49:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2543-01	TP-41	Solid	Percent Solids	Cool 4 deg C	CAMP02	O42	07/08/2025	Chemtech -SO
Q2543-02	TP-49	Solid	Percent Solids	Cool 4 deg C	CAMP02	O42	07/09/2025	Chemtech -SO
Q2543-03	TP-23	Solid	Percent Solids	Cool 4 deg C	CAMP02	O42	07/09/2025	Chemtech -SO
Q2543-04	TP-23-99	Solid	Percent Solids	Cool 4 deg C	CAMP02	O42	07/09/2025	Chemtech -SO
Q2544-01	Y 2307-0174-1-1	Solid	Percent Solids	Cool 4 deg C	CAMP02	O42	07/09/2025	Chemtech -SO
Q2544-02	Y 2307-0174-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/09/2025	Chemtech -SO
Q2544-03	BC 258874-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/09/2025	Chemtech -SO
Q2544-04	BC 258874-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/09/2025	Chemtech -SO
Q2544-05	BC 274857-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/09/2025	Chemtech -SO
Q2544-06	BC 274857-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/09/2025	Chemtech -SO
Q2546-01	HD-02-7-9-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/09/2025	Chemtech -SO
Q2546-02	HD-02-7-9-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	O23	07/09/2025	Chemtech -SO
Q2546-03	HD-02-7-9-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	O23	07/09/2025	Chemtech -SO
Q2549-01	BC271242-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG05	O23	07/09/2025	Chemtech -SO
Q2549-02	BC271242-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-03	BC226734-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-04	BC226734-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-05	BC226734-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-06	BC226734-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-07	JEI484M-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-08	JEI484M-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO

Date/Time 07/09/25 15:00

Raw Sample Received by: [illegible] (WC)

Raw Sample Relinquished by: JD (SM)

Date/Time 07/09/25 17:20

Raw Sample Received by: JD (SM)

Raw Sample Relinquished by: [illegible] (WC)

WORKLIST(Hardcopy Internal Chain)

VB B6409

WorkList Name : %1-070925 **WorkList ID :** 190592 **Department :** Wet-Chemistry **Date :** 07-09-2025 07:49:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2549-09	HZA852R-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-10	HZA852R-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-11	HZA852R-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-12	HZA852R-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2551-02	VNJ-204	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/09/2025	Chemtech -SO
Q2551-03	VNJ-204-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/09/2025	Chemtech -SO

Date/Time 07/09/25 15:00

Raw Sample Received by: [illegible] WC

Raw Sample Relinquished by: JD (SM)

Date/Time 07/09/25 17:20

Raw Sample Received by: JD (SM)

Raw Sample Relinquished by: [illegible] WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168787

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/10/2025
Matrix :	Solid			**Extraction Start Time :**	09:55
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	07/10/2025
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
Surrogate	1.0ML	100/150 PPM	SP6852
LOD	1.0ML	~~N/A~~ 4PPM/8PPM	SP6816/6818
LOQ	1.0ML	~~N/A~~ 5PPM/10PPM	SP6817/6819
N/A	N/A	N/A	N/A

RS 7/10

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2624
Sand	N/A	E3951
Methylene Chloride	N/A	E3943
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/10/25	RS (Ext Lab)	RC/SVOC
13:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168787

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 07/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168787BL	SBLK787	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U1-1
PB168787BS	SLCS787	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			2
Q2126-01	LOD-MDL-SOIL-03-QT2-2025 4PPM	SVOC-Chemtech Full -25	30.02	N/A	ritesh	Evelyn	1			3
Q2126-02	LOQ-SOIL-02-QT2-2025 5PPM	SVOC-Chemtech Full -25	30.03	N/A	ritesh	Evelyn	1			4
Q2537-01	TR-04-7.9-2025	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	B		5
Q2539-01	HACKENSACK	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		6
Q2542-01	VNJ-245	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		U2-1
Q2543-01	TP-41	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		2
Q2543-02	TP-49	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		3
Q2543-02MS	TP-49MS	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		4
Q2543-02MSD	TP-49MSD	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		5
Q2543-03	TP-23	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		6
Q2543-04	TP-23-99	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		U3-1
Q2546-01	HD-02-7-9-2025	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	C		2
Q2550-02	VNJ-203	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		3
Q2551-02	VNJ-204	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		4
Q2126-01	LOD-MDL-SOIL-8PPM	1	30.04	1	1	1	1			5
Q2126-02	LOQ-SOIL-10PPM	1	30.03	1	1	1	1			6

RS 7/10

* **Extracts relinquished on the same date as received.**

168787
9:55

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2539 **WorkList ID :** 190630 **Department :** Extraction **Date :** 07-10-2025 08:41:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2126-01	LOD-MDL-SOIL-03-QT2-2025	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	ALLI03	QA Of	05/23/2025	8270E
Q2126-02	LOQ-SOIL-02-QT2-2025	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	ALLI03	QA Of	05/23/2025	8270E
Q2537-01	TR-04-7.9-2025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	O33	07/09/2025	8270E
Q2539-01	HACKENSACK	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	O32	07/09/2025	8270E
Q2542-01	VNJ-245	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	O32	07/09/2025	8270E
Q2543-01	TP-41	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O42	07/08/2025	8270E
Q2543-02	TP-49	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O42	07/09/2025	8270E
Q2543-03	TP-23	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O42	07/09/2025	8270E
Q2543-04	TP-23-99	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O42	07/09/2025	8270E
Q2546-01	HD-02-7-9-2025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	O23	07/09/2025	8270E
Q2550-02	VNJ-203	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	O41	07/09/2025	8270E
Q2551-02	VNJ-204	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	O11	07/09/2025	8270E

Date/Time 07/10/25 9:50
Raw Sample Received by: RJ (Ext lab)
Raw Sample Relinquished by:

Date/Time 07/10/25 10:20
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. Q2543
QUOTE NO.
COC Number 2047551

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CDM SMITH
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY: EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS
PHONE: 7325904679 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: SOUTH RIVER WM REPLACEMENT
PROJECT NO.: 302781 LOCATION: SOUTH RIVER, NJ
PROJECT MANAGER: FELIPE CONTRERAS
e-mail: ENCINASMA@CDMSMITH.COM
PHONE: 7325904679 FAX:

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#:
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY: EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS PHONE: 7325904679

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☑ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1. TCL VOC
2. TCL SVOC
3. PCB
4. METALS
5. PEST/HERBICIDES
6. DRO (GRO)
7. HERBICIDES
8.
9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	TP-41	S		X	7/8/25	1240	6	X	X	X	X	X	X	X			E
2.	TP-47	S		X	7/9/25	0755	6	X	X	X	X	X	X	X			E
3.	TP-23	S		X	7/9/25	0915	6	X	X	X	X	X	X	X			E
4.	TP-23-99	S		X	7/9/25	0920	6	X	X	X	X	X	X	X			E
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

Specify Preservatives: A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	7/9/25 1102	1. 7-9-25 1102
2.	DATE/TIME:	2.
3.	DATE/TIME: 1330 7-9-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.7 °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

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2543 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 7/9/2025 12:26:00 PM
Project Name : South River WM Replacem
Receive DateTime : 7/9/2025 ~~2:00:00 PM~~ 13:30
Purchase Order :

Project Mgr :
Report Type : ~~Level 1~~ Level 2
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2543-01	TP-41	Solid	07/08/2025	12:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2543-02	TP-49	Solid	07/09/2025	07:55					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2543-03	TP-23	Solid	07/09/2025	09:15					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2543-04	TP-23-99	Solid	07/09/2025	09:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days

DP 07/11/2025

Relinguished By :
Date / Time : 7-9-25 1400

Received By :
Date / Time : 07/09/25 14:20

Storage Area : VOA Refridgerator Room

Rg Hb
522