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

Cover Page

Order ID : Q1937

Project ID : Stan Hope

Client : Saxton Falls Sand and Gravel Co. Inc.

Lab Sample Number	Client Sample Number
Q1937-01	LARGE-PILE-A
Q1937-02	LARGE-PILE-A
Q1937-03	LARGE-PILE-B
Q1937-04	LARGE-PILE-B
Q1937-05	LARGE-PILE-C
Q1937-06	LARGE-PILE-C
Q1937-07	LARGE-PILE-D
Q1937-08	LARGE-PILE-D
Q1937-09	LARGE-PILE-E
Q1937-10	LARGE-PILE-E
Q1937-11	LARGE-PILE-F
Q1937-12	LARGE-PILE-F

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: 5/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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 #: Q1937

	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: PRATIK PATEL **Date:** 05/07/2025

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LAB CHRONICLE

OrderID:	Q1937	**OrderDate:**	5/1/2025 2:03:00 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	**Project:**	Stan Hope
Contact:	Rich Schindelar	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1937-01	**LARGE-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/06/25	
Q1937-03	**LARGE-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/06/25	
Q1937-05	**LARGE-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/05/25	
Q1937-07	**LARGE-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/06/25	
Q1937-09	**LARGE-PILE-E**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/06/25	
Q1937-11	**LARGE-PILE-F**	**SOIL**			**05/01/25**			**05/01/25**
			SVOC-TCL BNA -20	8270E		05/05/25	05/06/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : LARGE-PILE-A									
Q1937-01	LARGE-PILE-A	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	AB	0	0	ug/Kg
Q1937-01	LARGE-PILE-A	SOIL	Benzophenone	*	290.000	J	0	0	ug/Kg
Q1937-01	LARGE-PILE-A	SOIL	Heneicosane	*	83.700	J	0	0	ug/Kg
Q1937-01	LARGE-PILE-A	SOIL	n-Hexadecanoic acid	*	960.000	J	0	0	ug/Kg
Q1937-01	LARGE-PILE-A	SOIL	Octadecanoic acid	*	540.000	J	0	0	ug/Kg
Q1937-01	LARGE-PILE-A	SOIL	Pentadecanoic acid	*	110.000	J	0	0	ug/Kg
Q1937-01	LARGE-PILE-A	SOIL	Tetradecanoic acid	*	300.000	J	0	0	ug/Kg
Q1937-01	LARGE-PILE-A	SOIL	unknown15.439	*	140.000	J	0	0	ug/Kg
			Total Tics :		**2,613.70**				
			Total Concentration:		**2,613.70**				
Client ID : LARGE-PILE-B									
Q1937-03	LARGE-PILE-B	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	AB	0	0	ug/Kg
Q1937-03	LARGE-PILE-B	SOIL	Benzophenone	*	230.000	J	0	0	ug/Kg
Q1937-03	LARGE-PILE-B	SOIL	n-Hexadecanoic acid	*	200.000	J	0	0	ug/Kg
			Total Tics :		**590.00**				
			Total Concentration:		**590.00**				
Client ID : LARGE-PILE-C									
Q1937-05	LARGE-PILE-C	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	AB	0	0	ug/Kg
Q1937-05	LARGE-PILE-C	SOIL	Benzophenone	*	220.000	J	0	0	ug/Kg
Q1937-05	LARGE-PILE-C	SOIL	Cyclotetracosane	*	92.600	J	0	0	ug/Kg
Q1937-05	LARGE-PILE-C	SOIL	n-Hexadecanoic acid	*	470.000	J	0	0	ug/Kg
Q1937-05	LARGE-PILE-C	SOIL	Octadecanoic acid	*	230.000	J	0	0	ug/Kg
			Total Tics :		**1,202.60**				
			Total Concentration:		**1,202.60**				
Client ID : LARGE-PILE-D									
Q1937-07	LARGE-PILE-D	SOIL	1-Nonadecene	*	82.600	J	0	0	ug/Kg
Q1937-07	LARGE-PILE-D	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	AB	0	0	ug/Kg
Q1937-07	LARGE-PILE-D	SOIL	Benzophenone	*	250.000	J	0	0	ug/Kg
Q1937-07	LARGE-PILE-D	SOIL	n-Hexadecanoic acid	*	210.000	J	0	0	ug/Kg
			Total Tics :		**712.60**				
			Total Concentration:		**712.60**				
Client ID : LARGE-PILE-E									
Q1937-09	LARGE-PILE-E	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	AB	0	0	ug/Kg
Q1937-09	LARGE-PILE-E	SOIL	Benzophenone	*	250.000	J	0	0	ug/Kg
Q1937-09	LARGE-PILE-E	SOIL	n-Hexadecanoic acid	*	530.000	J	0	0	ug/Kg
Q1937-09	LARGE-PILE-E	SOIL	Octadecanoic acid	*	96.500	J	0	0	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q1937-09	LARGE-PILE-E	SOIL	1-Docosene	*	190.000	J	0	0	ug/Kg
Q1937-09	LARGE-PILE-E	SOIL	2-Bromo dodecane	*	130.000	J	0	0	ug/Kg
			Total Tics :		**1,396.50**				
			Total Concentration:		**1,396.50**				
Client ID :	**LARGE-PILE-F**								
Q1937-11	LARGE-PILE-F	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	AB	0	0	ug/Kg
Q1937-11	LARGE-PILE-F	SOIL	5-Octadecene, (E)-	*	220.000	J	0	0	ug/Kg
Q1937-11	LARGE-PILE-F	SOIL	Benzophenone	*	270.000	J	0	0	ug/Kg
Q1937-11	LARGE-PILE-F	SOIL	Dotriacontane, 1-iodo-	*	210.000	J	0	0	ug/Kg
Q1937-11	LARGE-PILE-F	SOIL	n-Hexadecanoic acid	*	850.000	J	0	0	ug/Kg
Q1937-11	LARGE-PILE-F	SOIL	Octadecanoic acid	*	220.000	J	0	0	ug/Kg
			Total Tics :		**1,980.00**				
			Total Concentration:		**1,980.00**				

QC
SUMMARY

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

SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167857BL	PB167857BL	2-Fluorophenol	150	137	91		30 (18)	130 (112)
		Phenol-d6	150	129	86		30 (15)	130 (107)
		Nitrobenzene-d5	100	79.6	80		30 (18)	130 (107)
		2-Fluorobiphenyl	100	79.0	79		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	137	91		30 (10)	130 (116)
		Terphenyl-d14	100	91.2	91		30 (10)	130 (105)
PB167857BS	PB167857BS	2-Fluorophenol	150	126	84		30 (18)	130 (112)
		Phenol-d6	150	121	81		30 (15)	130 (107)
		Nitrobenzene-d5	100	73.3	73		30 (18)	130 (107)
		2-Fluorobiphenyl	100	72.9	73		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	131	87		30 (10)	130 (116)
		Terphenyl-d14	100	76.4	76		30 (10)	130 (105)
Q1937-01	LARGE-PILE-A	2-Fluorophenol	150	83.1	55		30 (18)	130 (112)
		Phenol-d6	150	76.5	51		30 (15)	130 (107)
		Nitrobenzene-d5	100	56.8	57		30 (18)	130 (107)
		2-Fluorobiphenyl	100	58.6	59		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	101	67		30 (10)	130 (116)
		Terphenyl-d14	100	56.5	57		30 (10)	130 (105)
Q1937-03	LARGE-PILE-B	2-Fluorophenol	150	73.8	49		30 (18)	130 (112)
		Phenol-d6	150	68.2	45		30 (15)	130 (107)
		Nitrobenzene-d5	100	50.1	50		30 (18)	130 (107)
		2-Fluorobiphenyl	100	52.3	52		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	90.0	60		30 (10)	130 (116)
		Terphenyl-d14	100	54.2	54		30 (10)	130 (105)
Q1937-05	LARGE-PILE-C	2-Fluorophenol	150	87.3	58		30 (18)	130 (112)
		Phenol-d6	150	86.1	57		30 (15)	130 (107)
		Nitrobenzene-d5	100	51.3	51		30 (18)	130 (107)
		2-Fluorobiphenyl	100	49.6	50		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	87.2	58		30 (10)	130 (116)
		Terphenyl-d14	100	59.9	60		30 (10)	130 (105)
Q1937-05MS	LARGE-PILE-CMS	2-Fluorophenol	150	75.2	50		30 (18)	130 (112)
		Phenol-d6	150	75.9	51		30 (15)	130 (107)
		Nitrobenzene-d5	100	43.5	43		30 (18)	130 (107)
		2-Fluorobiphenyl	100	43.0	43		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	75.0	50		30 (10)	130 (116)
		Terphenyl-d14	100	47.2	47		30 (10)	130 (105)
Q1937-05MSD	LARGE-PILE-CMSD	2-Fluorophenol	150	74.8	50		30 (18)	130 (112)
		Phenol-d6	150	76.2	51		30 (15)	130 (107)
		Nitrobenzene-d5	100	44.0	44		30 (18)	130 (107)
		2-Fluorobiphenyl	100	42.7	43		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	75.1	50		30 (10)	130 (116)
		Terphenyl-d14	100	47.0	47		30 (10)	130 (105)
Q1937-07	LARGE-PILE-D	2-Fluorophenol	150	82.1	55		30 (18)	130 (112)
		Phenol-d6	150	76.9	51		30 (15)	130 (107)
		Nitrobenzene-d5	100	54.6	55		30 (18)	130 (107)
		2-Fluorobiphenyl	100	54.7	55		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	97.8	65		30 (10)	130 (116)
		Terphenyl-d14	100	56.0	56		30 (10)	130 (105)
Q1937-09	LARGE-PILE-E	2-Fluorophenol	150	90.4	60		30 (18)	130 (112)
		Phenol-d6	150	89.3	60		30 (15)	130 (107)
		Nitrobenzene-d5	100	53.0	53		30 (18)	130 (107)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q1937-09	LARGE-PILE-E	2-Fluorobiphenyl	100	51.9	52		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	94.1	63		30 (10)	130 (116)
		Terphenyl-d14	100	59.1	59		30 (10)	130 (105)
Q1937-11	LARGE-PILE-F	2-Fluorophenol	150	88.6	59		30 (18)	130 (112)
		Phenol-d6	150	91.5	61		30 (15)	130 (107)
		Nitrobenzene-d5	100	53.2	53		30 (18)	130 (107)
		2-Fluorobiphenyl	100	51.4	51		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	92.7	62		30 (10)	130 (116)
		Terphenyl-d14	100	57.9	58		30 (10)	130 (105)

( ) = LABORATORY INHOUSE LIMIT

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1937-05MS		**Client Sample ID: LARGE-PILE-CMS**						**DataFile: BM050101.D**			
Benzaldehyde	1800	0	850	ug/Kg	47				20 (10)	160 (86)	
Phenol	1800	0	1600	ug/Kg	89				20 (67)	160 (126)	
bis(2-Chloroethyl)ether	1800	0	1400	ug/Kg	78				70 (54)	130 (125)	
2-Chlorophenol	1800	0	1500	ug/Kg	83				70 (79)	130 (107)	
2-Methylphenol	1800	0	1600	ug/Kg	89				70 (66)	130 (122)	
2,2-oxybis(1-Chloropropane)	1800	0	1400	ug/Kg	78				70 (65)	130 (110)	
Acetophenone	1800	0	1500	ug/Kg	83				70 (75)	130 (111)	
3+4-Methylphenols	1800	0	1500	ug/Kg	83				20 (66)	160 (104)	
N-Nitroso-di-n-propylamine	1800	0	1400	ug/Kg	78				70 (59)	130 (119)	
Hexachloroethane	1800	0	1400	ug/Kg	78				20 (65)	160 (117)	
Nitrobenzene	1800	0	1500	ug/Kg	83				70 (70)	130 (119)	
Isophorone	1800	0	1400	ug/Kg	78				70 (76)	130 (122)	
2-Nitrophenol	1800	0	1600	ug/Kg	89				70 (54)	130 (145)	
2,4-Dimethylphenol	1800	0	1600	ug/Kg	89				70 (44)	130 (135)	
bis(2-Chloroethoxy)methane	1800	0	1500	ug/Kg	83				70 (68)	130 (112)	
2,4-Dichlorophenol	1800	0	1600	ug/Kg	89				70 (72)	130 (118)	
Naphthalene	1800	0	1500	ug/Kg	83				70 (72)	130 (110)	
4-Chloroaniline	1800	0	610	ug/Kg	34	*			70 (10)	130 (91)	
Hexachlorobutadiene	1800	0	1500	ug/Kg	83				70 (66)	130 (114)	
Caprolactam	1800	0	1500	ug/Kg	83				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1800	0	1500	ug/Kg	83				70 (57)	130 (132)	
2-Methylnaphthalene	1800	0	1500	ug/Kg	83				70 (59)	130 (123)	
Hexachlorocyclopentadiene	3500	0	3000	ug/Kg	86				20 (10)	160 (175)	
2,4,6-Trichlorophenol	1800	0	1600	ug/Kg	89				70 (72)	130 (117)	
2,4,5-Trichlorophenol	1800	0	1600	ug/Kg	89				70 (72)	130 (117)	
1,1-Biphenyl	1800	0	1500	ug/Kg	83				70 (75)	130 (113)	
2-Chloronaphthalene	1800	0	1500	ug/Kg	83				70 (67)	130 (118)	
2-Nitroaniline	1800	0	1600	ug/Kg	89				70 (69)	130 (127)	
Dimethylphthalate	1800	0	1500	ug/Kg	83				70 (70)	130 (113)	
Acenaphthylene	1800	0	1500	ug/Kg	83				70 (79)	130 (118)	
2,6-Dinitrotoluene	1800	0	1500	ug/Kg	83				70 (70)	130 (125)	
3-Nitroaniline	1800	0	890	ug/Kg	49	*			70 (30)	130 (99)	
Acenaphthene	1800	0	1500	ug/Kg	83				70 (70)	130 (121)	
2,4-Dinitrophenol	3500	0	2900	ug/Kg	83				20 (10)	160 (155)	
4-Nitrophenol	3500	0	3100	ug/Kg	89				20 (45)	160 (133)	
Dibenzofuran	1800	0	1500	ug/Kg	83				70 (72)	130 (110)	
2,4-Dinitrotoluene	1800	0	1600	ug/Kg	89				70 (55)	130 (128)	
Diethylphthalate	1800	0	1500	ug/Kg	83				70 (70)	130 (112)	
4-Chlorophenyl-phenylether	1800	0	1500	ug/Kg	83				70 (71)	130 (108)	
Fluorene	1800	0	1500	ug/Kg	83				70 (68)	130 (116)	
4-Nitroaniline	1800	0	1500	ug/Kg	83				70 (55)	130 (120)	
4,6-Dinitro-2-methylphenol	1800	0	1500	ug/Kg	83				70 (10)	130 (160)	
N-Nitrosodiphenylamine	1800	0	1500	ug/Kg	83				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1800	0	1600	ug/Kg	89				70 (65)	130 (121)	
Hexachlorobenzene	1800	0	1500	ug/Kg	83				70 (67)	130 (118)	
Atrazine	1800	0	1600	ug/Kg	89				70 (79)	130 (127)	

( ) = LABORATORY INHOUSE LIMIT

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3500	0	3600	ug/Kg	103				20 (47)	160 (128)	
Phenanthrene	1800	0	1500	ug/Kg	83				70 (52)	130 (128)	
Anthracene	1800	0	1500	ug/Kg	83				70 (62)	130 (124)	
Carbazole	1800	0	1600	ug/Kg	89				70 (59)	130 (119)	
Di-n-butylphthalate	1800	0	1500	ug/Kg	83				70 (69)	130 (118)	
Fluoranthene	1800	0	1600	ug/Kg	89				70 (44)	130 (125)	
Pyrene	1800	0	1600	ug/Kg	89				70 (26)	130 (142)	
Butylbenzylphthalate	1800	0	1600	ug/Kg	89				70 (64)	130 (126)	
3,3-Dichlorobenzidine	1800	0	920	ug/Kg	51	*			70 (33)	130 (116)	
Benzo(a)anthracene	1800	0	1600	ug/Kg	89				70 (71)	130 (114)	
Chrysene	1800	0	1500	ug/Kg	83				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1800	0	1500	ug/Kg	83				70 (42)	130 (169)	
Di-n-octyl phthalate	1800	0	1500	ug/Kg	83				70 (23)	130 (175)	
Benzo(b)fluoranthene	1800	0	1500	ug/Kg	83				70 (67)	130 (121)	
Benzo(k)fluoranthene	1800	0	1500	ug/Kg	83				70 (57)	130 (134)	
Benzo(a)pyrene	1800	0	1600	ug/Kg	89				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1800	0	1600	ug/Kg	89				70 (40)	130 (129)	
Dibenz(a,h)anthracene	1800	0	1600	ug/Kg	89				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1800	0	1600	ug/Kg	89				70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	1800	0	1600	ug/Kg	89				70 (69)	130 (124)	
1,4-Dioxane	1800	0	1300	ug/Kg	72				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1800	0	1500	ug/Kg	83				70 (69)	130 (112)	

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1937-05MSD		**Client Sample ID: LARGE-PILE-CMSD**						**DataFile: BM050102.D**			
Benzaldehyde	1800	0	850	ug/Kg	47		0		20 (10)	160 (86)	30 (20)
Phenol	1800	0	1600	ug/Kg	89		0		20 (67)	160 (126)	30 (20)
bis(2-Chloroethyl)ether	1800	0	1400	ug/Kg	78		0		70 (54)	130 (125)	30 (20)
2-Chlorophenol	1800	0	1600	ug/Kg	89		7		70 (79)	130 (107)	30 (20)
2-Methylphenol	1800	0	1600	ug/Kg	89		0		70 (66)	130 (122)	30 (20)
2,2-oxybis(1-Chloropropane)	1800	0	1400	ug/Kg	78		0		70 (65)	130 (110)	30 (20)
Acetophenone	1800	0	1500	ug/Kg	83		0		70 (75)	130 (111)	30 (20)
3+4-Methylphenols	1800	0	1600	ug/Kg	89		7		20 (66)	160 (104)	30 (20)
N-Nitroso-di-n-propylamine	1800	0	1400	ug/Kg	78		0		70 (59)	130 (119)	30 (20)
Hexachloroethane	1800	0	1400	ug/Kg	78		0		20 (65)	160 (117)	30 (20)
Nitrobenzene	1800	0	1500	ug/Kg	83		0		70 (70)	130 (119)	30 (20)
Isophorone	1800	0	1400	ug/Kg	78		0		70 (76)	130 (122)	30 (20)
2-Nitrophenol	1800	0	1600	ug/Kg	89		0		70 (54)	130 (145)	30 (20)
2,4-Dimethylphenol	1800	0	1600	ug/Kg	89		0		70 (44)	130 (135)	30 (20)
bis(2-Chloroethoxy)methane	1800	0	1500	ug/Kg	83		0		70 (68)	130 (112)	30 (20)
2,4-Dichlorophenol	1800	0	1600	ug/Kg	89		0		70 (72)	130 (118)	30 (20)
Naphthalene	1800	0	1500	ug/Kg	83		0		70 (72)	130 (110)	30 (20)
4-Chloroaniline	1800	0	660	ug/Kg	37	*	8		70 (10)	130 (91)	30 (20)
Hexachlorobutadiene	1800	0	1500	ug/Kg	83		0		70 (66)	130 (114)	30 (20)
Caprolactam	1800	0	1500	ug/Kg	83		0		20 (51)	160 (134)	30 (20)
4-Chloro-3-methylphenol	1800	0	1500	ug/Kg	83		0		70 (57)	130 (132)	30 (20)
2-Methylnaphthalene	1800	0	1500	ug/Kg	83		0		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	3500	0	3000	ug/Kg	86		0		20 (10)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1800	0	1600	ug/Kg	89		0		70 (72)	130 (117)	30 (20)
2,4,5-Trichlorophenol	1800	0	1600	ug/Kg	89		0		70 (72)	130 (117)	30 (20)
1,1-Biphenyl	1800	0	1500	ug/Kg	83		0		70 (75)	130 (113)	30 (20)
2-Chloronaphthalene	1800	0	1500	ug/Kg	83		0		70 (67)	130 (118)	30 (20)
2-Nitroaniline	1800	0	1600	ug/Kg	89		0		70 (69)	130 (127)	30 (20)
Dimethylphthalate	1800	0	1500	ug/Kg	83		0		70 (70)	130 (113)	30 (20)
Acenaphthylene	1800	0	1500	ug/Kg	83		0		70 (79)	130 (118)	30 (20)
2,6-Dinitrotoluene	1800	0	1600	ug/Kg	89		7		70 (70)	130 (125)	30 (20)
3-Nitroaniline	1800	0	910	ug/Kg	51	*	4		70 (30)	130 (99)	30 (20)
Acenaphthene	1800	0	1500	ug/Kg	83		0		70 (70)	130 (121)	30 (20)
2,4-Dinitrophenol	3500	0	2900	ug/Kg	83		0		20 (10)	160 (155)	30 (20)
4-Nitrophenol	3500	0	3100	ug/Kg	89		0		20 (45)	160 (133)	30 (20)
Dibenzofuran	1800	0	1500	ug/Kg	83		0		70 (72)	130 (110)	30 (20)
2,4-Dinitrotoluene	1800	0	1600	ug/Kg	89		0		70 (55)	130 (128)	30 (20)
Diethylphthalate	1800	0	1500	ug/Kg	83		0		70 (70)	130 (112)	30 (20)
4-Chlorophenyl-phenylether	1800	0	1500	ug/Kg	83		0		70 (71)	130 (108)	30 (20)
Fluorene	1800	0	1500	ug/Kg	83		0		70 (68)	130 (116)	30 (20)
4-Nitroaniline	1800	0	1600	ug/Kg	89		7		70 (55)	130 (120)	30 (20)
4,6-Dinitro-2-methylphenol	1800	0	1500	ug/Kg	83		0		70 (10)	130 (160)	30 (20)
N-Nitrosodiphenylamine	1800	0	1500	ug/Kg	83		0		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1800	0	1500	ug/Kg	83		7		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1800	0	1600	ug/Kg	89		7		70 (67)	130 (118)	30 (20)
Atrazine	1800	0	1500	ug/Kg	83		7		70 (79)	130 (127)	30 (20)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	3500	0	3600	ug/Kg	103		0		20 (47)	160 (128)	30 (20)
Phenanthrene	1800	0	1500	ug/Kg	83		0		70 (52)	130 (128)	30 (20)
Anthracene	1800	0	1500	ug/Kg	83		0		70 (62)	130 (124)	30 (20)
Carbazole	1800	0	1600	ug/Kg	89		0		70 (59)	130 (119)	30 (20)
Di-n-butylphthalate	1800	0	1500	ug/Kg	83		0		70 (69)	130 (118)	30 (20)
Fluoranthene	1800	0	1600	ug/Kg	89		0		70 (44)	130 (125)	30 (20)
Pyrene	1800	0	1600	ug/Kg	89		0		70 (26)	130 (142)	30 (20)
Butylbenzylphthalate	1800	0	1600	ug/Kg	89		0		70 (64)	130 (126)	30 (20)
3,3-Dichlorobenzidine	1800	0	900	ug/Kg	50	*	2		70 (33)	130 (116)	30 (20)
Benzo(a)anthracene	1800	0	1500	ug/Kg	83		7		70 (71)	130 (114)	30 (20)
Chrysene	1800	0	1500	ug/Kg	83		0		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1800	0	1500	ug/Kg	83		0		70 (42)	130 (169)	30 (20)
Di-n-octyl phthalate	1800	0	1500	ug/Kg	83		0		70 (23)	130 (175)	30 (20)
Benzo(b)fluoranthene	1800	0	1500	ug/Kg	83		0		70 (67)	130 (121)	30 (20)
Benzo(k)fluoranthene	1800	0	1500	ug/Kg	83		0		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1800	0	1600	ug/Kg	89		0		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1800	0	1600	ug/Kg	89		0		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1800	0	1600	ug/Kg	89		0		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1800	0	1600	ug/Kg	89		0		70 (24)	130 (125)	30 (20)
1,2,4,5-Tetrachlorobenzene	1800	0	1600	ug/Kg	89		0		70 (69)	130 (124)	30 (20)
1,4-Dioxane	1800	0	1300	ug/Kg	72		0		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1800	0	1600	ug/Kg	89		7		70 (69)	130 (112)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8270E **DataFile:** BM050114.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167857BS	Benzaldehyde	1700	750	ug/Kg	44				20 (10)	160 (133)	
	Phenol	1700	1400	ug/Kg	82				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				70 (60)	130 (101)	
	2-Chlorophenol	1700	1400	ug/Kg	82				70 (65)	130 (112)	
	2-Methylphenol	1700	1300	ug/Kg	76				70 (61)	130 (108)	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				70 (51)	130 (100)	
	Acetophenone	1700	1300	ug/Kg	76				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1300	ug/Kg	76				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				70 (63)	130 (95)	
	Hexachloroethane	1700	1300	ug/Kg	76				20 (72)	160 (108)	
	Nitrobenzene	1700	1300	ug/Kg	76				70 (57)	130 (101)	
	Isophorone	1700	1300	ug/Kg	76				70 (59)	130 (99)	
	2-Nitrophenol	1700	1400	ug/Kg	82				70 (61)	130 (111)	
	2,4-Dimethylphenol	1700	1400	ug/Kg	82				70 (46)	130 (141)	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				70 (62)	130 (107)	
	Naphthalene	1700	1300	ug/Kg	76				70 (62)	130 (100)	
	4-Chloroaniline	1700	1100	ug/Kg	65		*		70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				70 (53)	130 (98)	
	Caprolactam	1700	1300	ug/Kg	76				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1300	ug/Kg	76				70 (58)	130 (112)	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	2900	ug/Kg	88				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				70 (61)	130 (98)	
	1,1-Biphenyl	1700	1300	ug/Kg	76				70 (57)	130 (103)	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				70 (58)	130 (99)	
	2-Nitroaniline	1700	1500	ug/Kg	88				70 (66)	130 (101)	
	Dimethylphthalate	1700	1300	ug/Kg	76				70 (61)	130 (99)	
	Acenaphthylene	1700	1300	ug/Kg	76				70 (63)	130 (101)	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				70 (61)	130 (104)	
	3-Nitroaniline	1700	1200	ug/Kg	71				70 (28)	130 (100)	
	Acenaphthene	1700	1300	ug/Kg	76				70 (57)	130 (104)	
	2,4-Dinitrophenol	3300	2700	ug/Kg	82				20 (37)	160 (128)	
	4-Nitrophenol	3300	2700	ug/Kg	82				20 (48)	160 (119)	
	Dibenzofuran	1700	1300	ug/Kg	76				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				70 (60)	130 (106)	
	Diethylphthalate	1700	1300	ug/Kg	76				70 (60)	130 (101)	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				70 (58)	130 (98)	
	Fluorene	1700	1300	ug/Kg	76				70 (61)	130 (101)	
	4-Nitroaniline	1700	1500	ug/Kg	88				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				70 (66)	130 (102)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8270E **DataFile:** BM050114.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167857BS	Hexachlorobenzene	1700	1400	ug/Kg	82				70 (64)	130 (98)	
	Atrazine	1700	1400	ug/Kg	82				70 (47)	130 (152)	
	Pentachlorophenol	3300	3100	ug/Kg	94				20 (67)	160 (105)	
	Phenanthrene	1700	1400	ug/Kg	82				70 (59)	130 (103)	
	Anthracene	1700	1400	ug/Kg	82				70 (61)	130 (105)	
	Carbazole	1700	1400	ug/Kg	82				70 (61)	130 (99)	
	Di-n-butylphthalate	1700	1400	ug/Kg	82				70 (58)	130 (104)	
	Fluoranthene	1700	1400	ug/Kg	82				70 (57)	130 (107)	
	Pyrene	1700	1400	ug/Kg	82				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				70 (55)	130 (103)	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65		*		70 (42)	130 (91)	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				70 (60)	130 (102)	
	Chrysene	1700	1400	ug/Kg	82				70 (59)	130 (101)	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				70 (54)	130 (135)	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				70 (52)	130 (137)	
	Benzo(b)fluoranthene	1700	1400	ug/Kg	82				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1300	ug/Kg	76				70 (62)	130 (109)	
	Benzo(a)pyrene	1700	1400	ug/Kg	82				70 (63)	130 (103)	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70 (70)	130 (108)	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				70 (53)	130 (101)	
	1,4-Dioxane	1700	1100	ug/Kg	65				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				70 (59)	130 (108)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167857BL

Lab Name: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

Lab File ID: BM050113.D Lab Sample ID: PB167857BL

Instrument ID: BNA_M Date Extracted: 05/05/2025

Matrix: (soil/water) SOIL Date Analyzed: 05/06/2025

Level: (low/med) LOW Time Analyzed: 10:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167857BS	PB167857BS	BM050114.D	05/06/2025
LARGE-PILE-E	Q1937-09	BM050119.D	05/06/2025
LARGE-PILE-F	Q1937-11	BM050117.D	05/06/2025
LARGE-PILE-A	Q1937-01	BP024543.D	05/06/2025
LARGE-PILE-B	Q1937-03	BP024544.D	05/06/2025
LARGE-PILE-D	Q1937-07	BP024548.D	05/06/2025
LARGE-PILE-C	Q1937-05	BM050100.D	05/05/2025
LARGE-PILE-CMS	Q1937-05MS	BM050101.D	05/05/2025
LARGE-PILE-CMSD	Q1937-05MSD	BM050102.D	05/05/2025

COMMENTS:

Alliance TECHNICAL GROUP
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SAXT01

Lab Code: CHEM SAS No.: Q1937 SDG NO.: Q1937

Lab File ID: BM050023.D DFTPP Injection Date: 04/28/2025

Instrument ID: BNA_M DFTPP Injection Time: 11:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.8
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	35.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.7
443	15.0 - 24.0% of mass 442	14.4 (19.3) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050024.D	04/28/2025	12:30
SSTDICC005	SSTDICC005	BM050025.D	04/28/2025	13:09
SSTDICC010	SSTDICC010	BM050026.D	04/28/2025	13:48
SSTDICC020	SSTDICC020	BM050027.D	04/28/2025	14:27
SSTDICCC040	SSTDICCC040	BM050028.D	04/28/2025	15:06
SSTDICC050	SSTDICC050	BM050029.D	04/28/2025	15:45
SSTDICC060	SSTDICC060	BM050030.D	04/28/2025	16:24
SSTDICC080	SSTDICC080	BM050031.D	04/28/2025	17:04

Alliance TECHNICAL GROUP
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SAXT01

Lab Code: CHEM SAS No.: Q1937 SDG NO.: Q1937

Lab File ID: BM050095.D DFTPP Injection Date: 05/05/2025

Instrument ID: BNA_M DFTPP Injection Time: 11:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.5
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	25.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	33.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	82.9
443	15.0 - 24.0% of mass 442	16.3 (19.7) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050096.D	05/05/2025	12:18
LARGE-PILE-C	Q1937-05	BM050100.D	05/05/2025	15:42
LARGE-PILE-CMS	Q1937-05MS	BM050101.D	05/05/2025	16:21
LARGE-PILE-CMSD	Q1937-05MSD	BM050102.D	05/05/2025	17:00

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SAXT01

Lab Code: CHEM SAS No.: Q1937 SDG NO.: Q1937

Lab File ID: BM050111.D DFTPP Injection Date: 05/06/2025

Instrument ID: BNA_M DFTPP Injection Time: 09:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	28.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	35.7
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	77.9
443	15.0 - 24.0% of mass 442	15.2 (19.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050112.D	05/06/2025	10:03
PB167857BL	PB167857BL	BM050113.D	05/06/2025	10:42
PB167857BS	PB167857BS	BM050114.D	05/06/2025	11:21
LARGE-PILE-F	Q1937-11	BM050117.D	05/06/2025	13:23
LARGE-PILE-E	Q1937-09	BM050119.D	05/06/2025	14:41

Raw Data: **BP024274.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SAXT01

Lab Code: CHEM SAS No.: Q1937 SDG NO.: Q1937

Lab File ID: BP024274.D DFTPP Injection Date: 04/14/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	99.1
443	15.0 - 24.0% of mass 442	19.2 (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	BP024275.D	04/14/2025	11:06
SSTDICC005	SSTDICC005	BP024276.D	04/14/2025	11:47
SSTDICC010	SSTDICC010	BP024277.D	04/14/2025	12:27
SSTDICC020	SSTDICC020	BP024278.D	04/14/2025	13:08
SSTDICCC040	SSTDICCC040	BP024279.D	04/14/2025	13:49
SSTDICC050	SSTDICC050	BP024280.D	04/14/2025	15:10
SSTDICC060	SSTDICC060	BP024281.D	04/14/2025	16:32
SSTDICC080	SSTDICC080	BP024282.D	04/14/2025	17:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SAXT01

Lab Code: CHEM SAS No.: Q1937 SDG NO.: Q1937

Lab File ID: BP024539.D DFTPP Injection Date: 05/06/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	28.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	39.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.7
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024540.D	05/06/2025	10:17
LARGE-PILE-A	Q1937-01	BP024543.D	05/06/2025	12:23
LARGE-PILE-B	Q1937-03	BP024544.D	05/06/2025	13:03
LARGE-PILE-D	Q1937-07	BP024548.D	05/06/2025	15:46

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/05/2025

Lab File ID: BM050096.D Time Analyzed: 12:18

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	253723	7.745	967980	10.54	663376	14.40
	UPPER LIMIT	507446	8.245	1935960	11.039	1326750	14.898
	LOWER LIMIT	126862	7.245	483990	10.039	331688	13.898
	EPA SAMPLE NO.						
01	LARGE-PILE-C	281956	7.75	1017210	10.54	672574	14.39
02	LARGE-PILE-CMS	289071	7.75	1033170	10.54	655158	14.39
03	LARGE-PILE-CMSD	294539	7.75	1047790	10.54	677703	14.39

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/05/2025

Lab File ID: BM050096.D Time Analyzed: 12:18

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	1334830	17.145	1249730	21.386	1253430	24.38
	UPPER LIMIT	2669660	17.645	2499460	21.886	2506860	24.88
	LOWER LIMIT	667415	16.645	624865	20.886	626715	23.88
	EPA SAMPLE NO.						
01	LARGE-PILE-C	1282770	17.15	1164220	21.39	1189200	24.38
02	LARGE-PILE-CMS	1260860	17.15	1205720	21.39	1198700	24.37
03	LARGE-PILE-CMSD	1314660	17.14	1271560	21.39	1236920	24.38

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/06/2025

Lab File ID: BM050112.D Time Analyzed: 10:03

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	267221	7.745	954129	10.53	616483	14.39
	UPPER LIMIT	534442	8.245	1908260	11.034	1232970	14.892
	LOWER LIMIT	133611	7.245	477065	10.034	308242	13.892
	EPA SAMPLE NO.						
01	PB167857BL	235907	7.75	822298	10.54	526225	14.40
02	PB167857BS	251916	7.75	880758	10.53	559090	14.39
03	LARGE-PILE-E	305398	7.75	1098430	10.54	735430	14.39
04	LARGE-PILE-F	292655	7.75	1075640	10.54	728595	14.39

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/06/2025

Lab File ID: BM050112.D Time Analyzed: 10:03

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	1203470	17.139	1155480	21.38	1141100	24.374
	UPPER LIMIT	2406940	17.639	2310960	21.88	2282200	24.874
	LOWER LIMIT	601735	16.639	577740	20.88	570550	23.874
	EPA SAMPLE NO.						
01	PB167857BL	1048320	17.15	965231	21.39	1050730	24.38
02	PB167857BS	1068020	17.14	1067620	21.39	1110220	24.37
03	LARGE-PILE-E	1445020	17.14	1331450	21.39	1358260	24.37
04	LARGE-PILE-F	1421000	17.14	1302020	21.39	1310180	24.37

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/06/2025

Lab File ID: BP024540.D Time Analyzed: 10:17

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	159873	7.705	632107	10.48	387042	14.34
	UPPER LIMIT	319746	8.205	1264210	10.975	774084	14.839
	LOWER LIMIT	79936.5	7.205	316054	9.975	193521	13.839
	EPA SAMPLE NO.						
01	LARGE-PILE-A	131605	7.71	510905	10.48	306724	14.33
02	LARGE-PILE-B	145224	7.71	567822	10.48	344553	14.34
03	LARGE-PILE-D	167576	7.71	684500	10.48	426463	14.33

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG NO.: Q1937

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/06/2025

Lab File ID: BP024540.D Time Analyzed: 10:17

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	762899	17.139	851557	21.58	1008560	24.898
	UPPER LIMIT	1525800	17.639	1703110	22.08	2017120	25.398
	LOWER LIMIT	381450	16.639	425779	21.08	504280	24.398
	EPA SAMPLE NO.						
01	LARGE-PILE-A	616215	17.13	728903	21.57	927676	24.91
02	LARGE-PILE-B	694418	17.13	816125	21.58	949984	24.91
03	LARGE-PILE-D	845765	17.13	995531	21.57	1155370	24.91

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

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

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

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SAMPLE DATA

Raw Data: **BP024543.D**

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Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-A	SDG No.:	Q1937
Lab Sample ID:	Q1937-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
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
BP024543.D	1	05/05/25 09:35	05/06/25 12:23	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	350	ug/Kg
108-95-2	Phenol	23.4	U	23.4	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.8	U	25.8	180	ug/Kg
95-57-8	2-Chlorophenol	25.9	U	25.9	180	ug/Kg
95-48-7	2-Methylphenol	31.7	U	31.7	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39.8	U	39.8	180	ug/Kg
98-86-2	Acetophenone	31.3	U	31.3	180	ug/Kg
65794-96-9	3+4-Methylphenols	43.6	U	43.6	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.2	U	50.2	84.8	ug/Kg
67-72-1	Hexachloroethane	18.7	U	18.7	180	ug/Kg
98-95-3	Nitrobenzene	19.4	U	19.4	180	ug/Kg
78-59-1	Isophorone	34.8	U	34.8	180	ug/Kg
88-75-5	2-Nitrophenol	61.7	U	61.7	180	ug/Kg
105-67-9	2,4-Dimethylphenol	68.7	U	68.7	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	32.7	U	32.7	180	ug/Kg
120-83-2	2,4-Dichlorophenol	30.0	U	30.0	180	ug/Kg
91-20-3	Naphthalene	24.1	U	24.1	180	ug/Kg
106-47-8	4-Chloroaniline	37.5	UQ	37.5	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.8	U	26.8	180	ug/Kg
105-60-2	Caprolactam	55.2	U	55.2	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.4	U	30.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.1	U	27.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.0	U	21.0	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.8	U	30.8	180	ug/Kg
92-52-4	1,1-Biphenyl	23.1	U	23.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.9	U	23.9	180	ug/Kg
88-74-4	2-Nitroaniline	51.0	U	51.0	180	ug/Kg
131-11-3	Dimethylphthalate	28.7	U	28.7	180	ug/Kg

Raw Data: **BP024543.D**

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Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-A	SDG No.:	Q1937
Lab Sample ID:	Q1937-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
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
BP024543.D	1	05/05/25 09:35	05/06/25 12:23	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	30.6	U	30.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	35.6	U	35.6	180	ug/Kg
99-09-2	3-Nitroaniline	48.8	U	48.8	180	ug/Kg
83-32-9	Acenaphthene	22.6	U	22.6	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	350	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	350	ug/Kg
132-64-9	Dibenzofuran	24.1	U	24.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.1	U	53.1	180	ug/Kg
84-66-2	Diethylphthalate	30.0	U	30.0	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.3	U	28.3	180	ug/Kg
86-73-7	Fluorene	26.8	U	26.8	180	ug/Kg
100-01-6	4-Nitroaniline	68.1	U	68.1	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	34.9	U	34.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.5	U	29.5	180	ug/Kg
118-74-1	Hexachlorobenzene	26.8	U	26.8	180	ug/Kg
1912-24-9	Atrazine	36.0	U	36.0	180	ug/Kg
87-86-5	Pentachlorophenol	54.4	U	54.4	350	ug/Kg
85-01-8	Phenanthrene	22.2	U	22.2	180	ug/Kg
120-12-7	Anthracene	35.3	U	35.3	180	ug/Kg
86-74-8	Carbazole	33.1	U	33.1	180	ug/Kg
84-74-2	Di-n-butylphthalate	50.8	U	50.8	180	ug/Kg
206-44-0	Fluoranthene	31.8	U	31.8	180	ug/Kg
129-00-0	Pyrene	38.2	U	38.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	75.7	U	75.7	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38.9	UQ	38.9	350	ug/Kg
56-55-3	Benzo(a)anthracene	24.4	U	24.4	180	ug/Kg
218-01-9	Chrysene	21.1	U	21.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.8	U	62.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	92.0	U	92.0	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.1	U	20.1	180	ug/Kg

Raw Data: **BP024543.D**

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Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-A	SDG No.:	Q1937
Lab Sample ID:	Q1937-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
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
BP024543.D	1	05/05/25 09:35	05/06/25 12:23	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	23.7	U	23.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	31.3	U	31.3	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30.8	U	30.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29.0	U	29.0	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.2	U	27.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.1	U	27.1	180	ug/Kg
123-91-1	1,4-Dioxane	47.9	U	47.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29.0	U	29.0	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	83.1		30 (18) - 130 (112)	55%	SPK: 150
13127-88-3	Phenol-d6	76.5		30 (15) - 130 (107)	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.8		30 (18) - 130 (107)	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.6		30 (20) - 130 (109)	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	101		30 (10) - 130 (116)	67%	SPK: 150
1718-51-0	Terphenyl-d14	56.5		30 (10) - 130 (105)	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	132000	7.705			
1146-65-2	Naphthalene-d8	511000	10.481			
15067-26-2	Acenaphthene-d10	307000	14.334			
1517-22-2	Phenanthrene-d10	616000	17.133			
1719-03-5	Chrysene-d12	729000	21.574			
1520-96-3	Perylene-d12	928000	24.91			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB		4.87	ug/Kg
000057-11-4	Octadecanoic acid	540	J		15.3	ug/Kg
001002-84-2	Pentadecanoic acid	110	J		15.4	ug/Kg
	unknown15.439	140	J		15.4	ug/Kg
000119-61-9	Benzophenone	290	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	960	J		18.1	ug/Kg
000544-63-8	Tetradecanoic acid	300	J		19.4	ug/Kg

Raw Data: **BP024543.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-A	SDG No.:	Q1937
Lab Sample ID:	Q1937-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
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
BP024543.D	1	05/05/25 09:35	05/06/25 12:23	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000629-94-7	Heneicosane	83.7	J		21.2	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **BP024543.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Quant Time: May 06 13:44:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

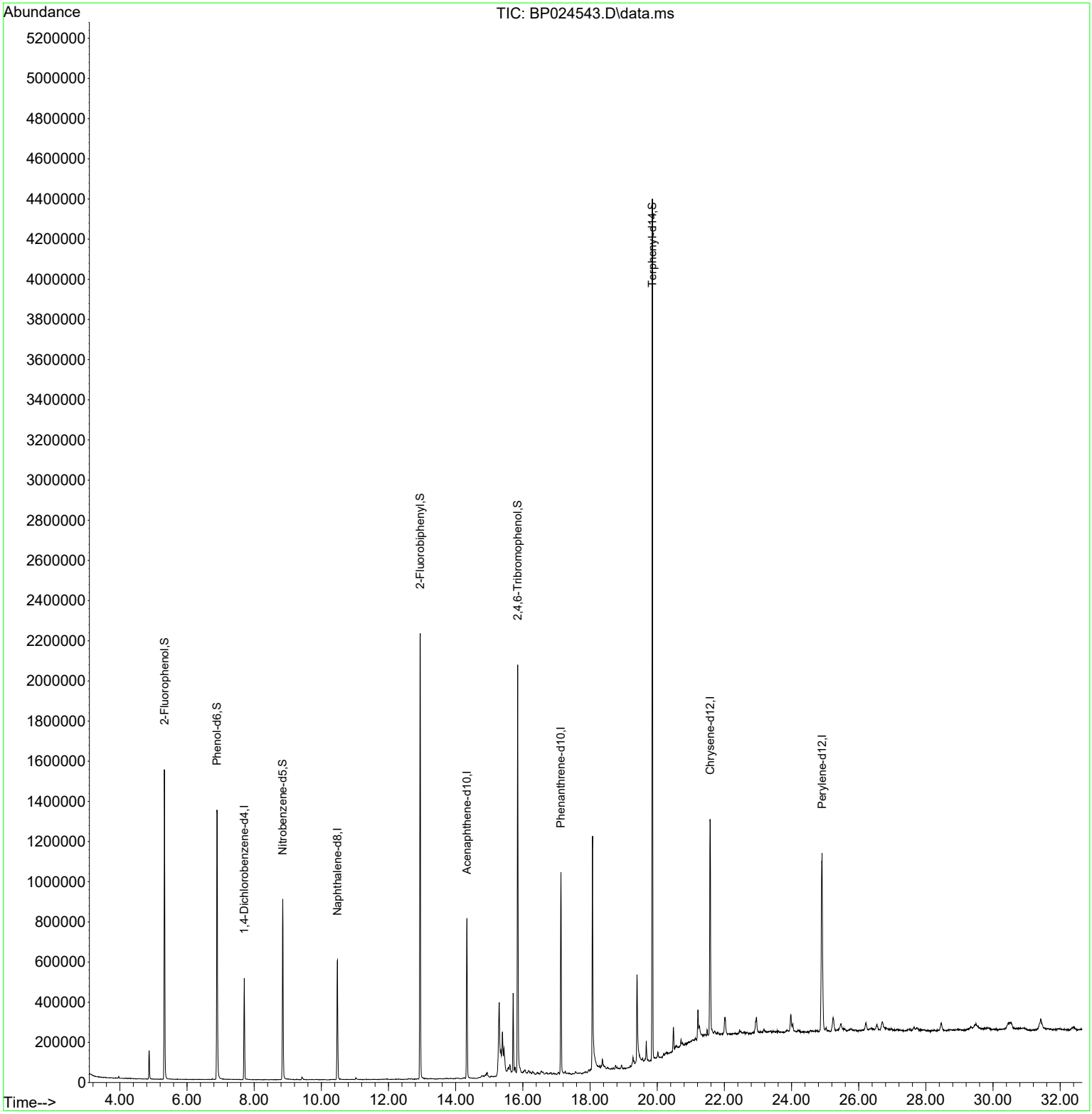
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	131605	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	510905	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	306724	20.000	ng	-0.02
64) Phenanthrene-d10	17.133	188	616215	20.000	ng	-0.01
76) Chrysene-d12	21.574	240	728903	20.000	ng	-0.02
86) Perylene-d12	24.910	264	927676	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	661389	83.095	ng	-0.02
7) Phenol-d6	6.893	99	834034	76.526	ng	-0.02
23) Nitrobenzene-d5	8.852	82	509341	56.847	ng	-0.02
42) 2,4,6-Tribromophenol	15.845	330	428660	101.011	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	1173889	58.598	ng	-0.02
79) Terphenyl-d14	19.857	244	2043493	56.509	ng	-0.02
Target Compounds						Qvalue

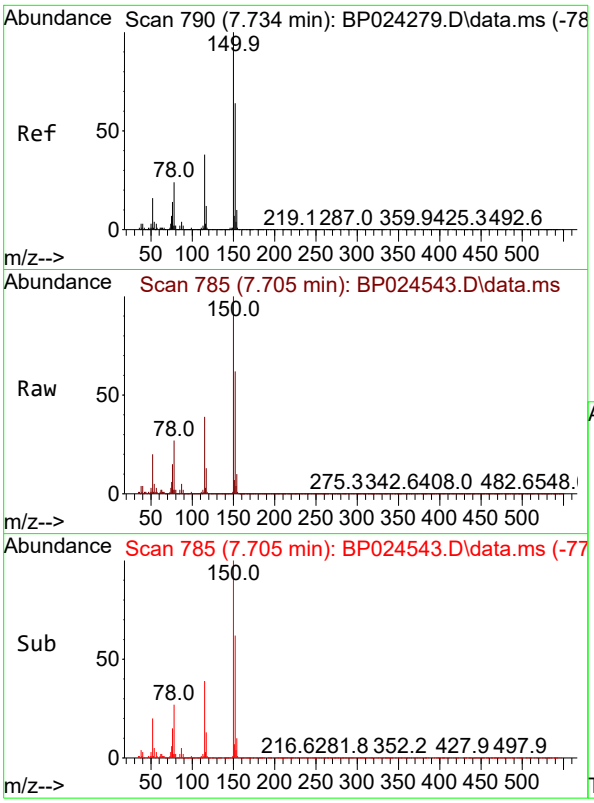
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Quant Time: May 06 13:44:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



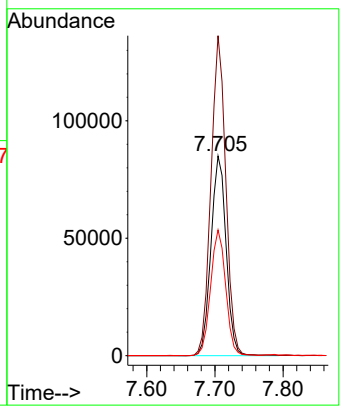


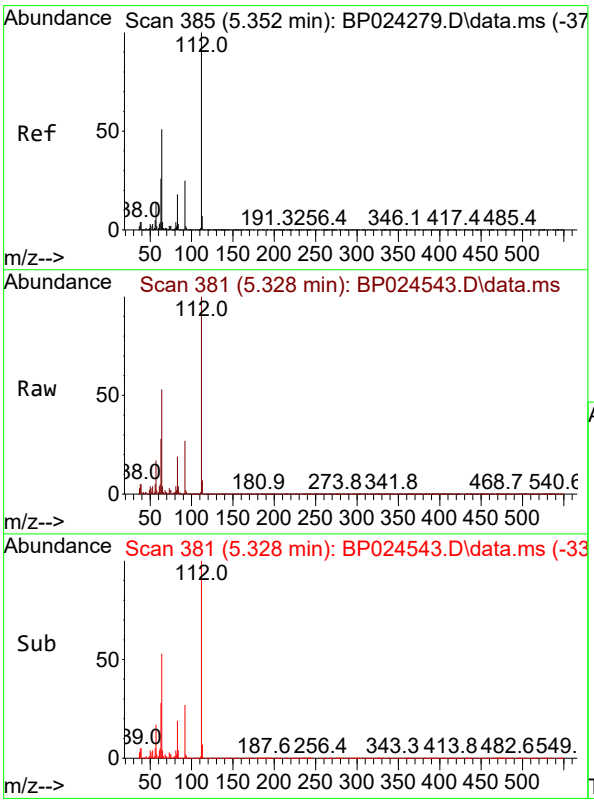
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024543.D
Acq: 06 May 2025 12:23

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Tgt Ion:152 Resp: 131605

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.9	187.3
115	63.0	47.7	71.5

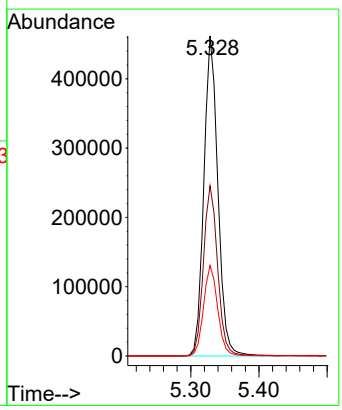


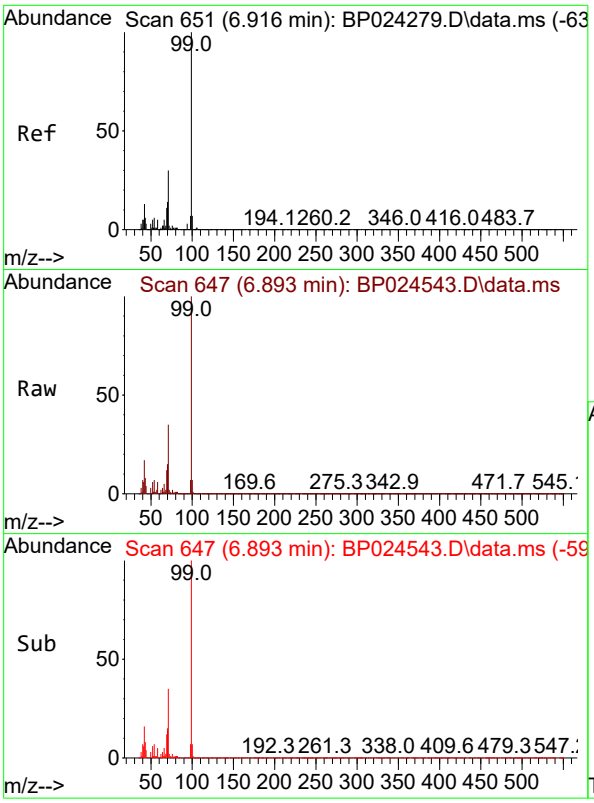


#5
2-Fluorophenol
Concen: 83.095 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024543.D
Acq: 06 May 2025 12:23

Tgt Ion:112 Resp: 661389

Ion	Ratio	Lower	Upper
112	100		
64	53.2	41.1	61.7
63	28.3	20.6	30.8



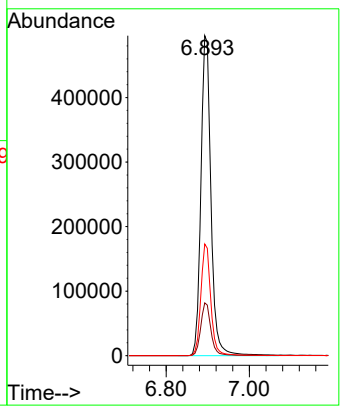


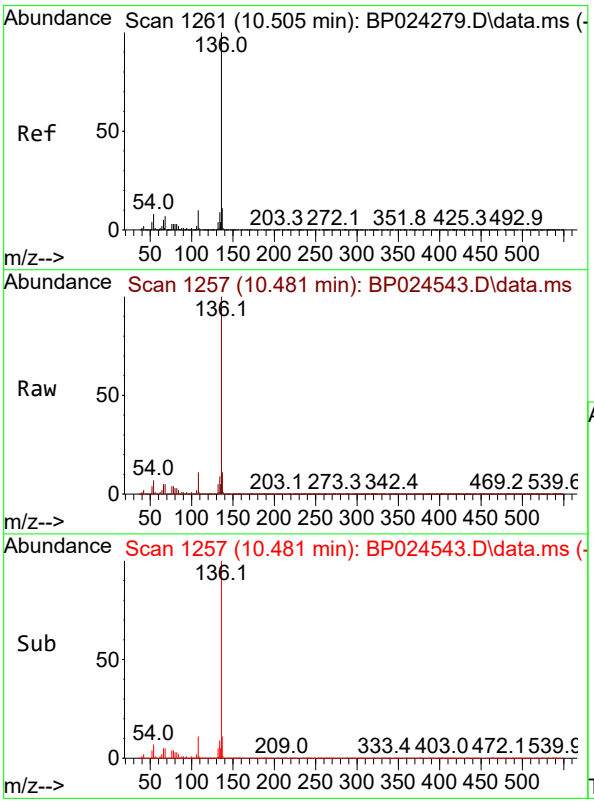
#7
Phenol-d6
Concen: 76.526 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024543.D
Acq: 06 May 2025 12:23

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Tgt Ion: 99 Resp: 834034

Ion	Ratio	Lower	Upper
99	100		
42	16.5	10.6	16.0#
71	34.9	23.7	35.5

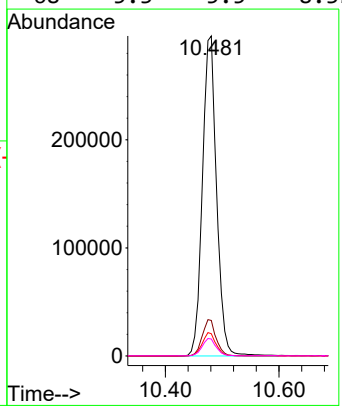


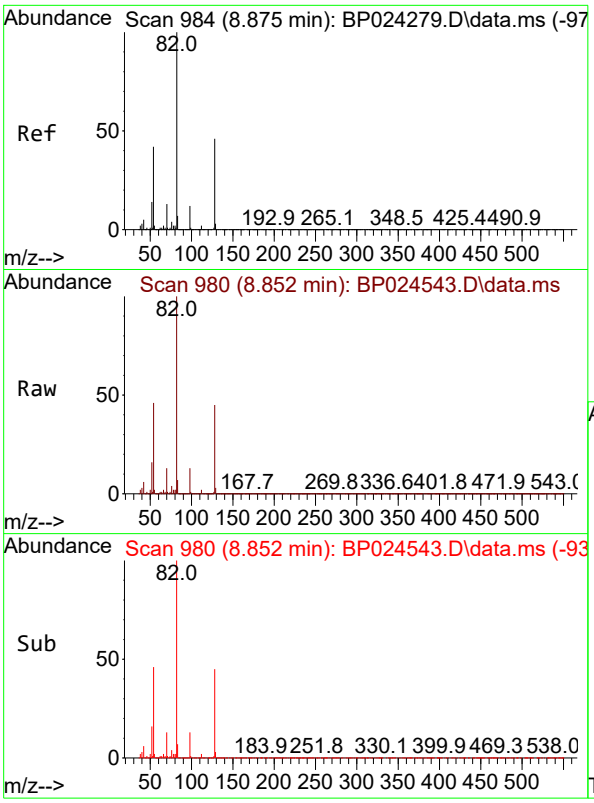


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024543.D
Acq: 06 May 2025 12:23

Tgt Ion:136 Resp: 510905

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.9	6.0	9.0
68	5.3	5.5	8.3#



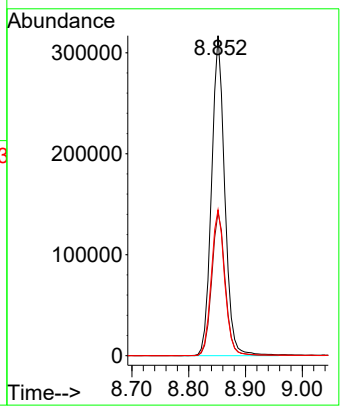


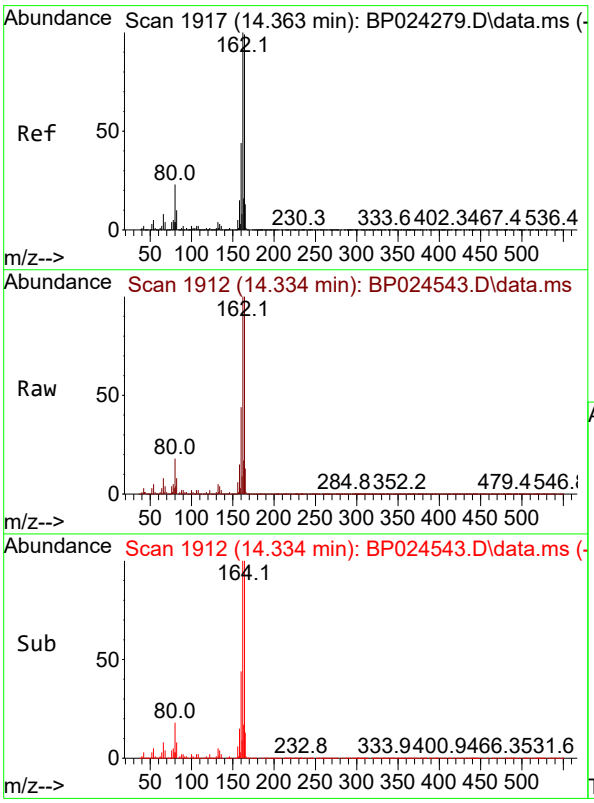
#23
Nitrobenzene-d5
Concen: 56.847 ng
RT: 8.852 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024543.D
Acq: 06 May 2025 12:23

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Tgt Ion: 82 Resp: 509341

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.5	54.7
54	45.6	33.4	50.2

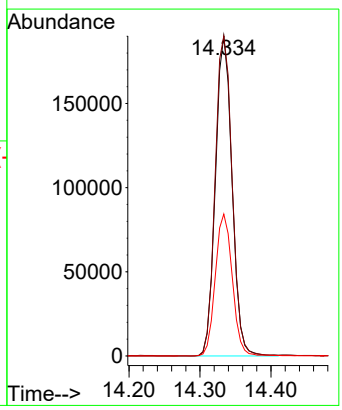


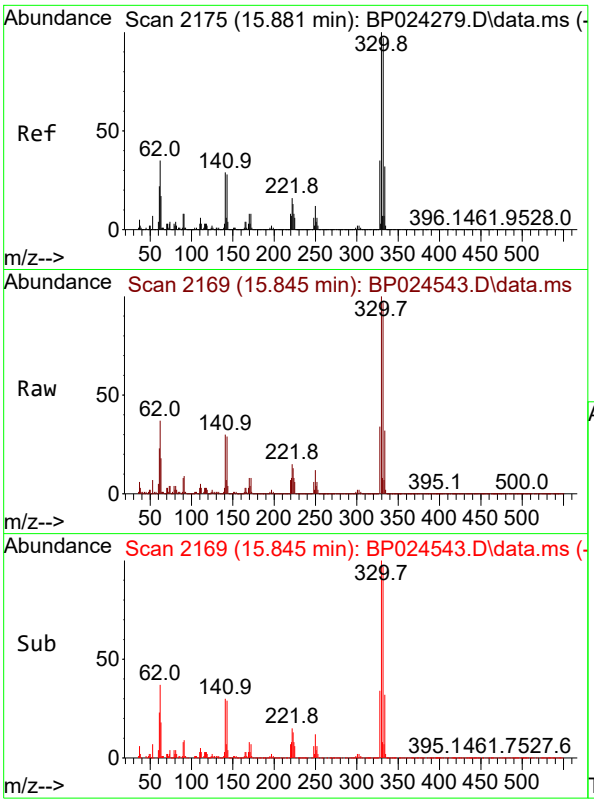


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024543.D
Acq: 06 May 2025 12:23

Tgt Ion:164 Resp: 306724

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	44.4	35.3	52.9



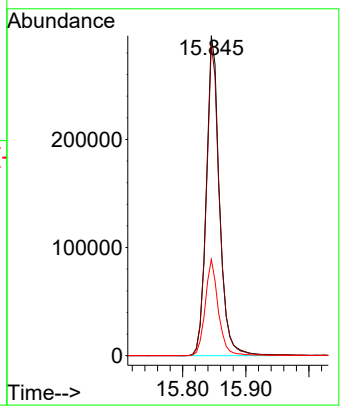


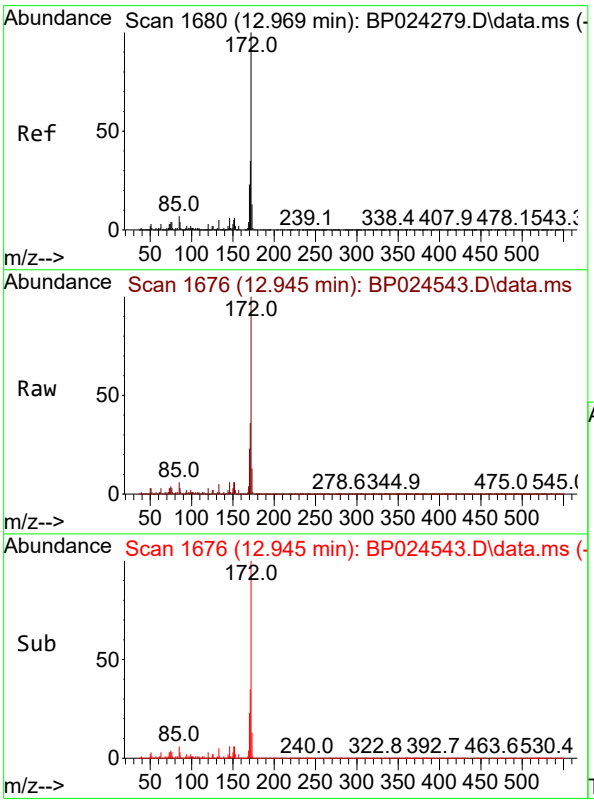
#42
2,4,6-Tribromophenol
Concen: 101.011 ng
RT: 15.845 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024543.D
Acq: 06 May 2025 12:23

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Tgt Ion:330 Resp: 428660

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	29.9	24.7	37.1

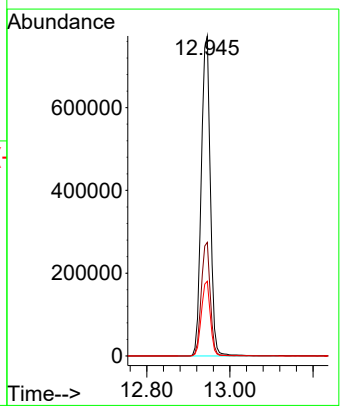


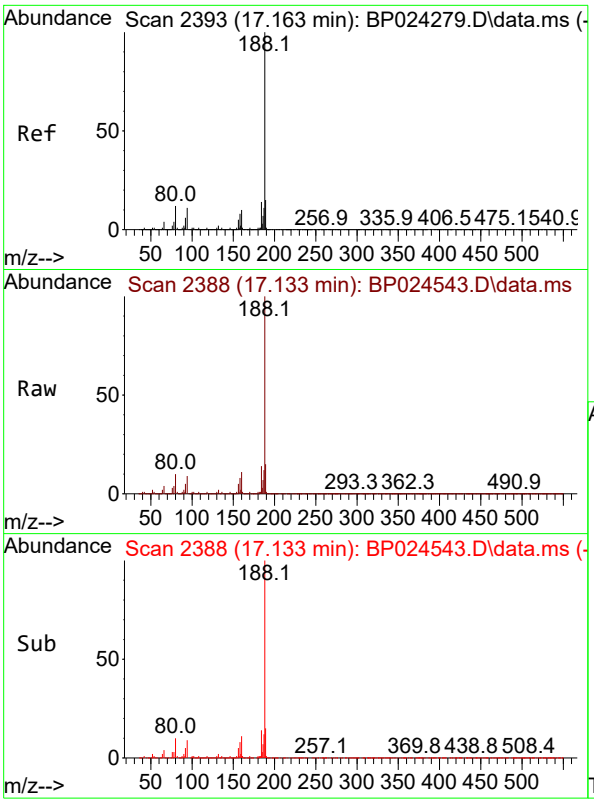


#45
2-Fluorobiphenyl
Concen: 58.598 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.018 min
Lab File: BP024543.D
Acq: 06 May 2025 12:23

Tgt Ion:172 Resp: 1173889

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.4	18.6	27.8



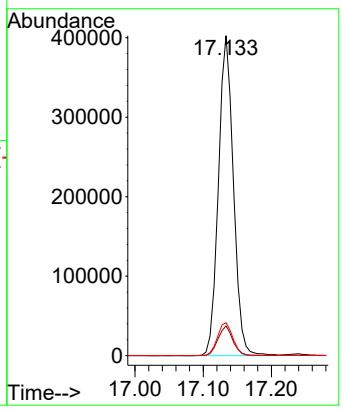


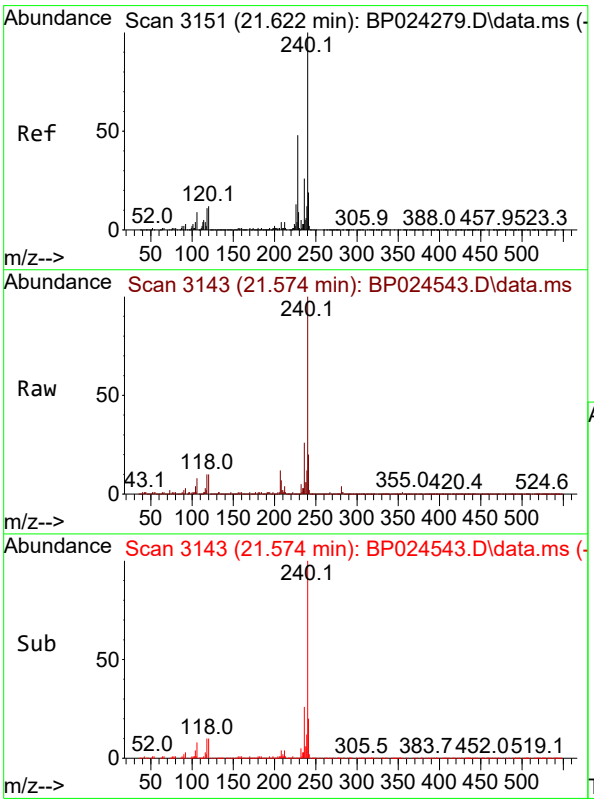
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024543.D
Acq: 06 May 2025 12:23

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Tgt Ion:188 Resp: 616215

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.6	13.0
80	10.3	9.8	14.6

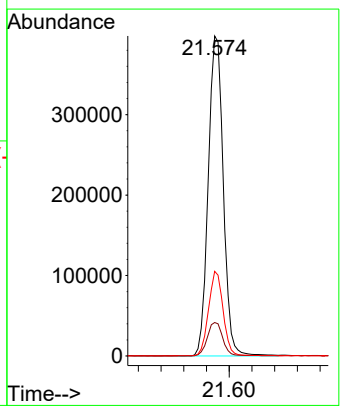


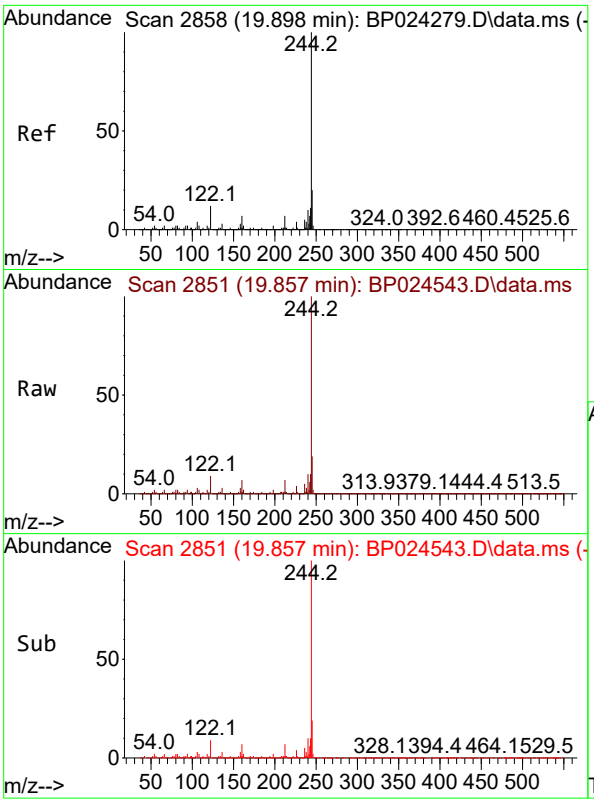


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. -0.018 min
Lab File: BP024543.D
Acq: 06 May 2025 12:23

Tgt Ion:240 Resp: 728903

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.8	14.8
236	26.5	20.9	31.3



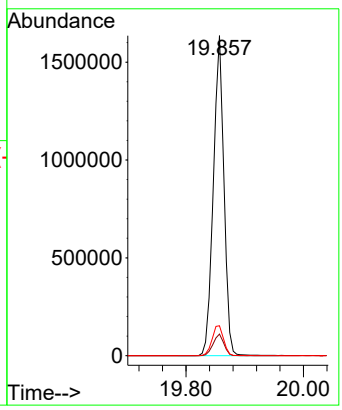


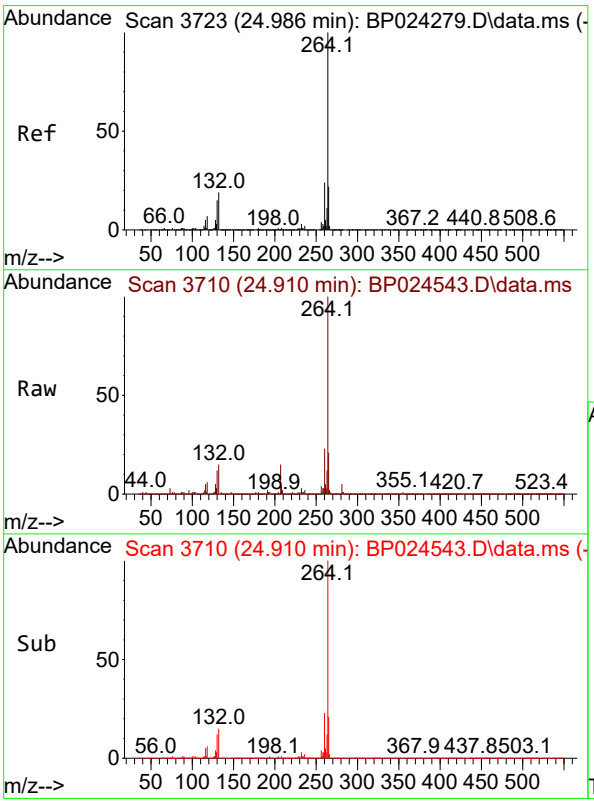
#79
Terphenyl-d14
Concen: 56.509 ng
RT: 19.857 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024543.D
Acq: 06 May 2025 12:23

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Tgt Ion:244 Resp: 2043493

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	9.3	9.4	14.0#

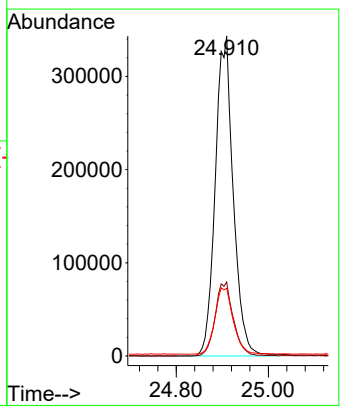




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.910 min Scan# 3710
Delta R.T. -0.024 min
Lab File: BP024543.D
Acq: 06 May 2025 12:23

Tgt Ion:264 Resp: 927676

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	21.2	17.8	26.6



Sample Results: **BP024543.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024543.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	299	303	312	rBV	139629	200862	3.66%	0.614%
2	5.328	375	381	397	rBV	1541838	2211148	40.33%	6.754%
3	6.893	640	647	672	rBV	1340567	2276688	41.53%	6.954%
4	7.705	778	785	793	rBV	504983	765519	13.96%	2.338%
5	8.852	971	980	996	rBV	899863	1476992	26.94%	4.512%
6	10.481	1248	1257	1270	rBV	595384	1031881	18.82%	3.152%
7	12.945	1669	1676	1686	rBV	2218505	3393770	61.91%	10.367%
8	14.334	1905	1912	1926	rBV	797219	1325827	24.18%	4.050%
9	14.928	2009	2013	2028	rVB	20861	60248	1.10%	0.184%
10	15.298	2061	2076	2081	rBV	368030	1016069	18.53%	3.104%
11	15.392	2088	2092	2097	rVV2	122047	202464	3.69%	0.618%
12	15.439	2097	2100	2112	rVB	116355	262351	4.79%	0.801%
13	15.616	2126	2130	2136	rVB3	36779	70694	1.29%	0.216%
14	15.710	2141	2146	2152	rVV	393398	543003	9.91%	1.659%
15	15.845	2163	2169	2188	rBV	2030440	2983103	54.42%	9.112%
16	17.133	2382	2388	2403	rBV2	1003119	1551724	28.31%	4.740%
17	18.075	2541	2548	2571	rBV	1162543	2112853	38.54%	6.454%
18	18.369	2594	2598	2603	rBV4	34577	54913	1.00%	0.168%
19	19.398	2769	2773	2794	rBV	427557	843439	15.39%	2.576%
20	19.674	2817	2820	2826	rVB2	94953	121231	2.21%	0.370%
21	19.857	2845	2851	2861	rBV	4286841	5482087	100.00%	16.746%
22	20.486	2953	2958	2964	rBV	112251	179577	3.28%	0.549%
23	21.216	3077	3082	3085	rBV	141947	233039	4.25%	0.712%
24	21.574	3137	3143	3152	rBV2	1069090	1968202	35.90%	6.012%
25	24.910	3701	3710	3724	rVB2	880501	2369636	43.23%	7.238%

Sum of corrected areas: 32737320

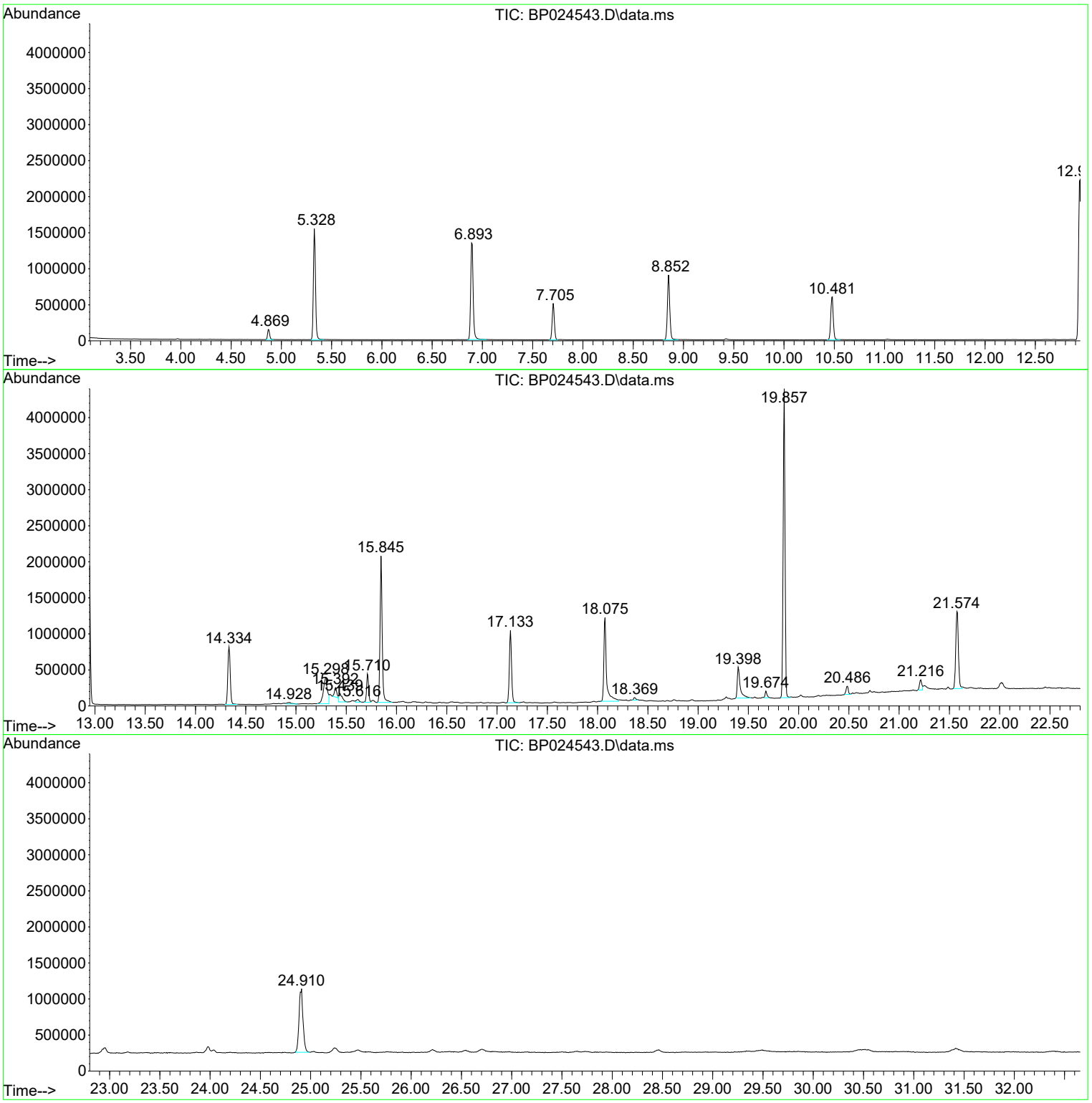
Sample Results: **BP024543.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BP024543.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

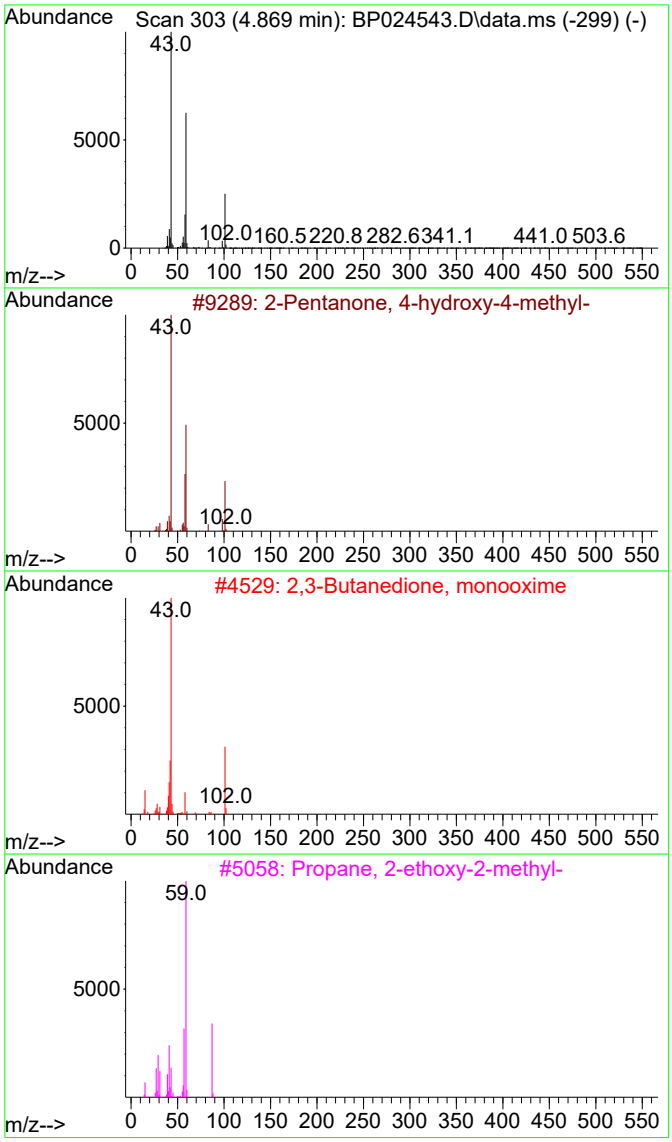
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

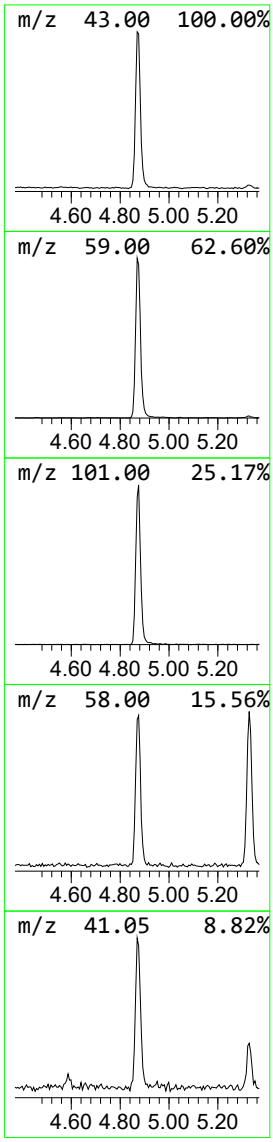
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	5.25 ng	200862	1,4-Dichlorobenzene-d4	7.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

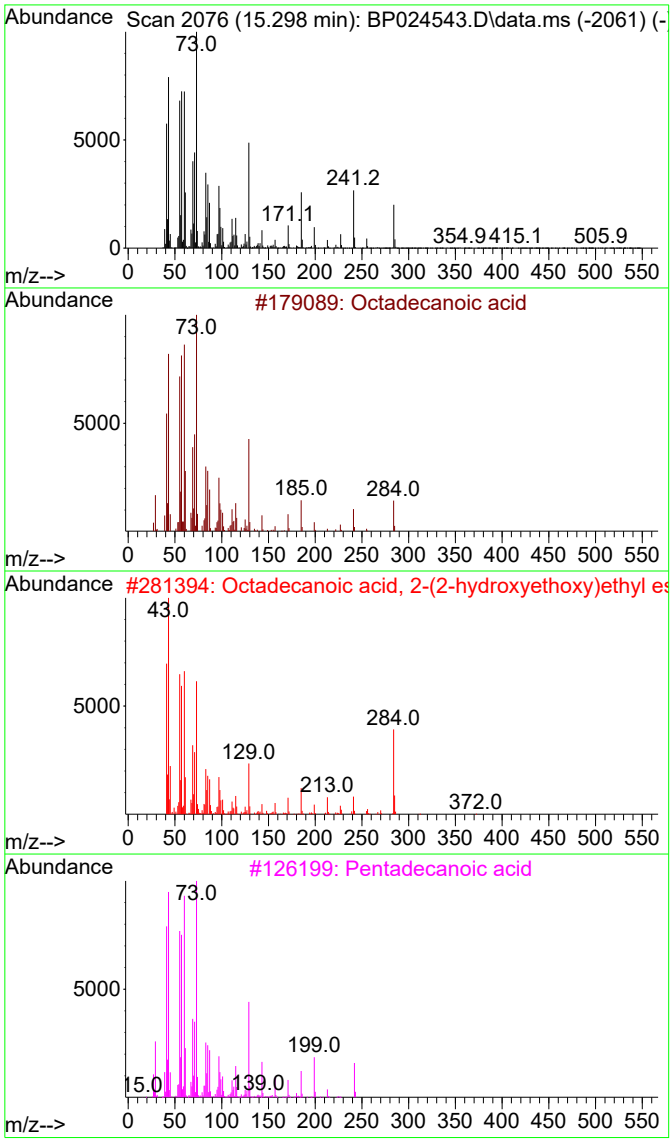
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

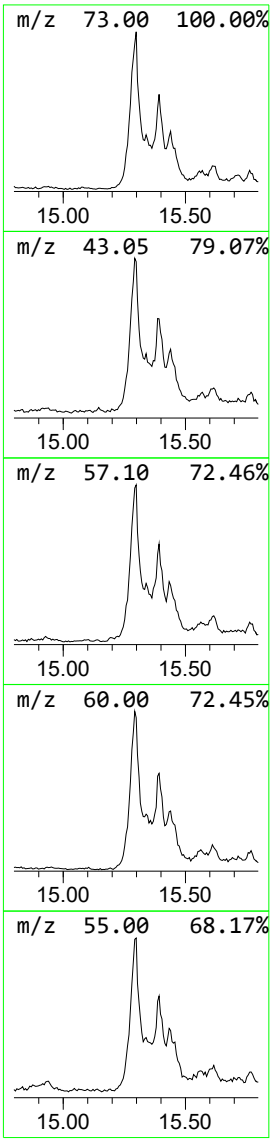
****

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	15.33 ng	1016070	Acenaphthene-d10	14.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decyl .alpha.-d-2-deoxyglucoside	304	C16H32O5	1000211-42-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

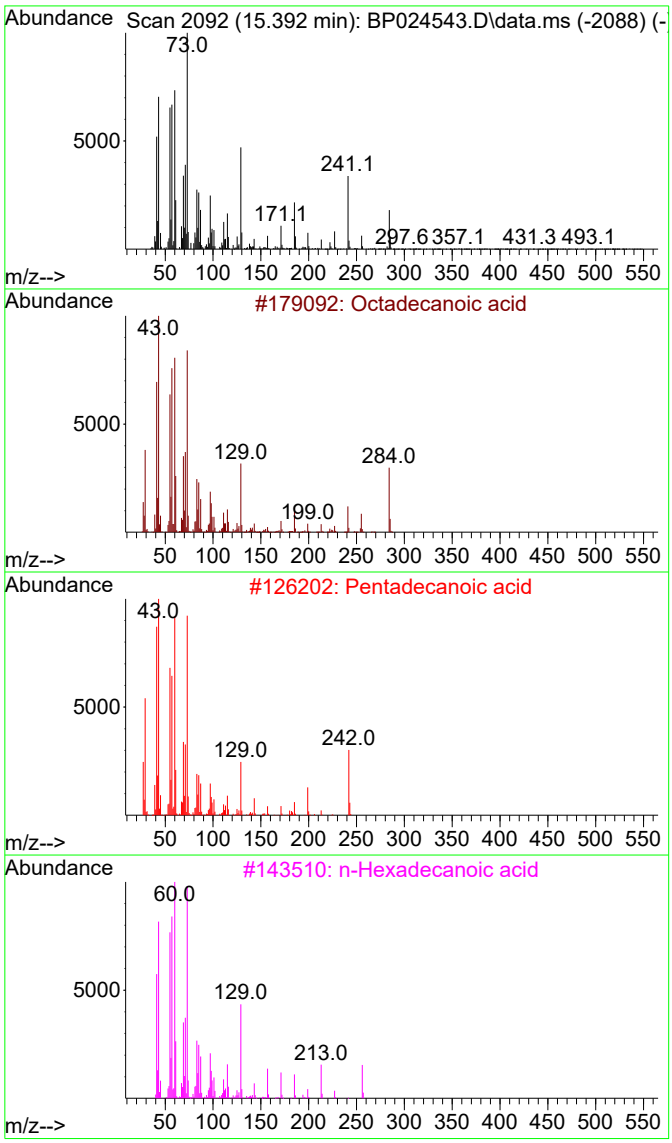
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

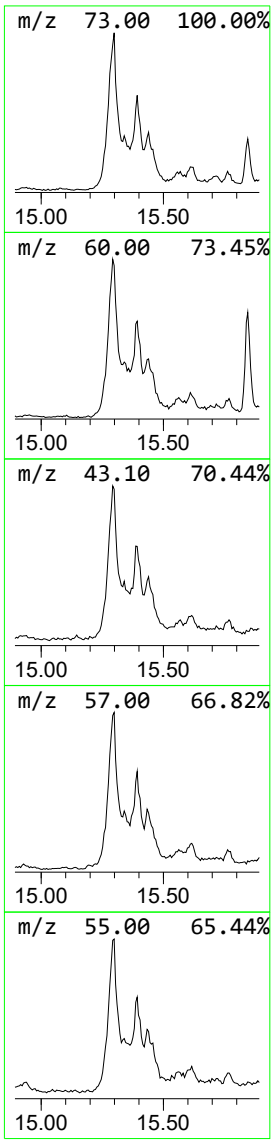
****

Peak Number 3 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	3.05 ng	202464	Acenaphthene-d10	14.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

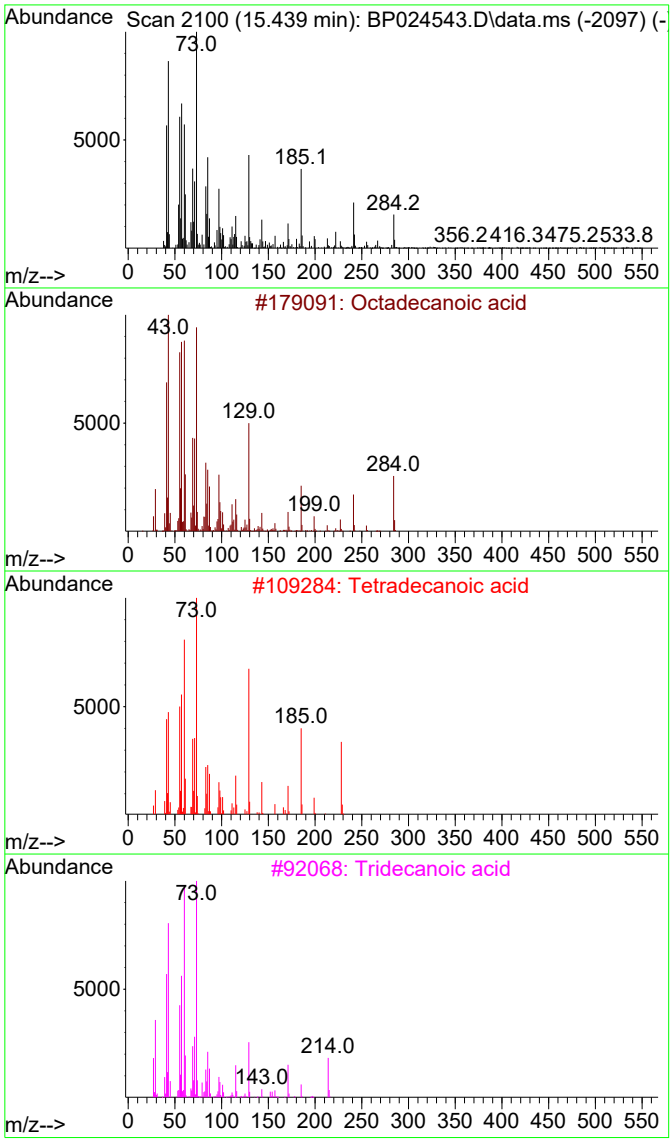
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

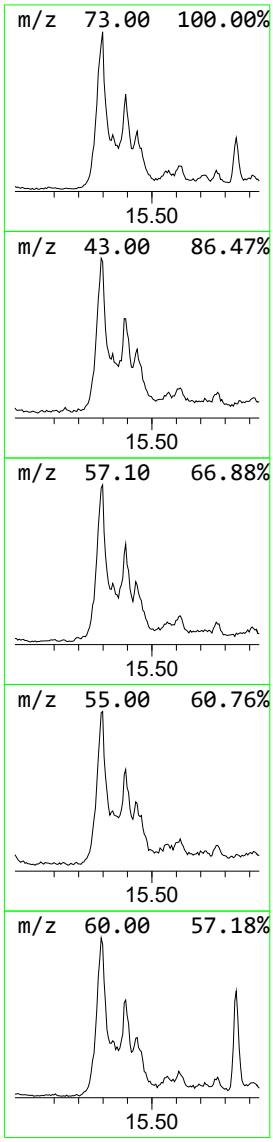
****

Peak Number 4 unknown15.439 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	3.96 ng	262351	Acenaphthene-d10	14.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
3	Tridecanoic acid	214	C13H26O2	000638-53-9	49
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
5	n-Decanoic acid	172	C10H20O2	000334-48-5	30





Sample Results: **BP024543.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

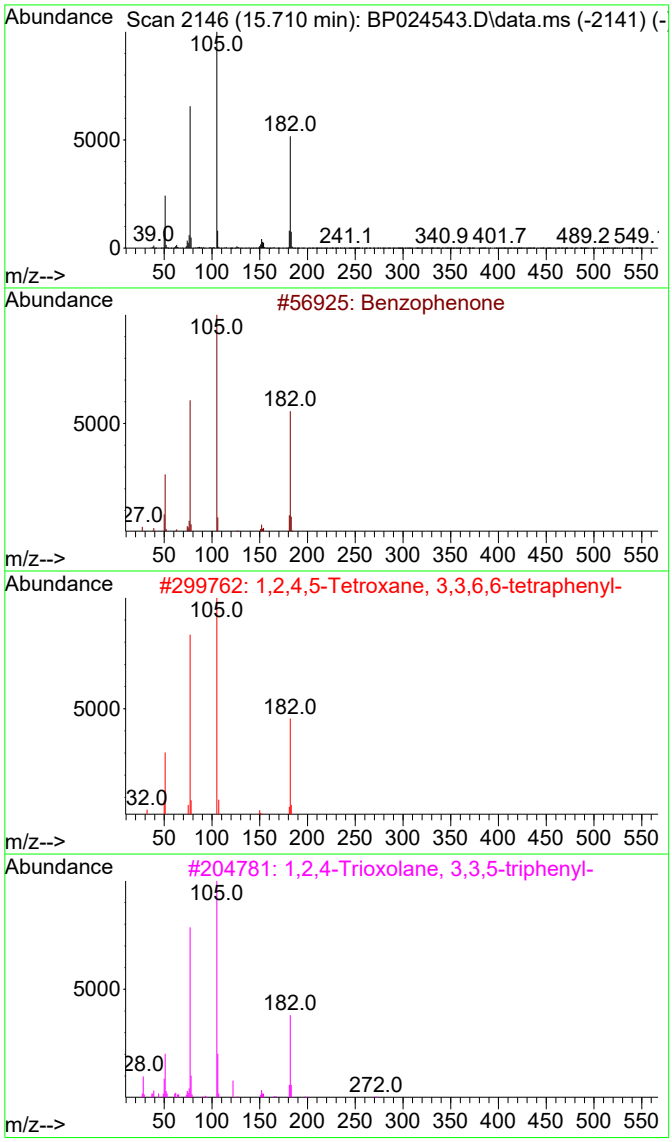
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

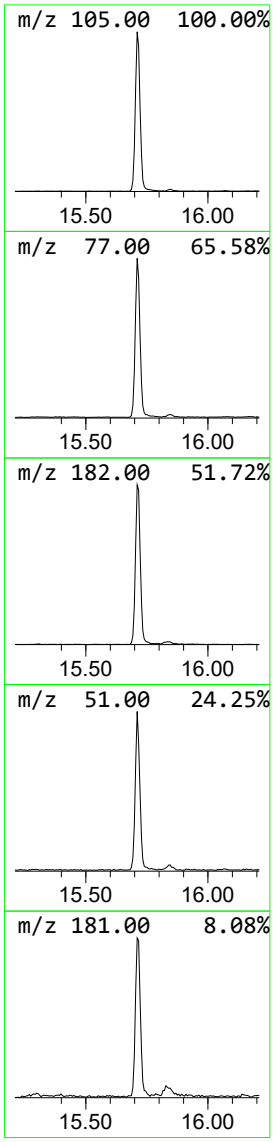
****

Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.710	8.19 ng	543003	Acenaphthene-d10	14.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
5	Azobenzene	182	C12H10N2	000103-33-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

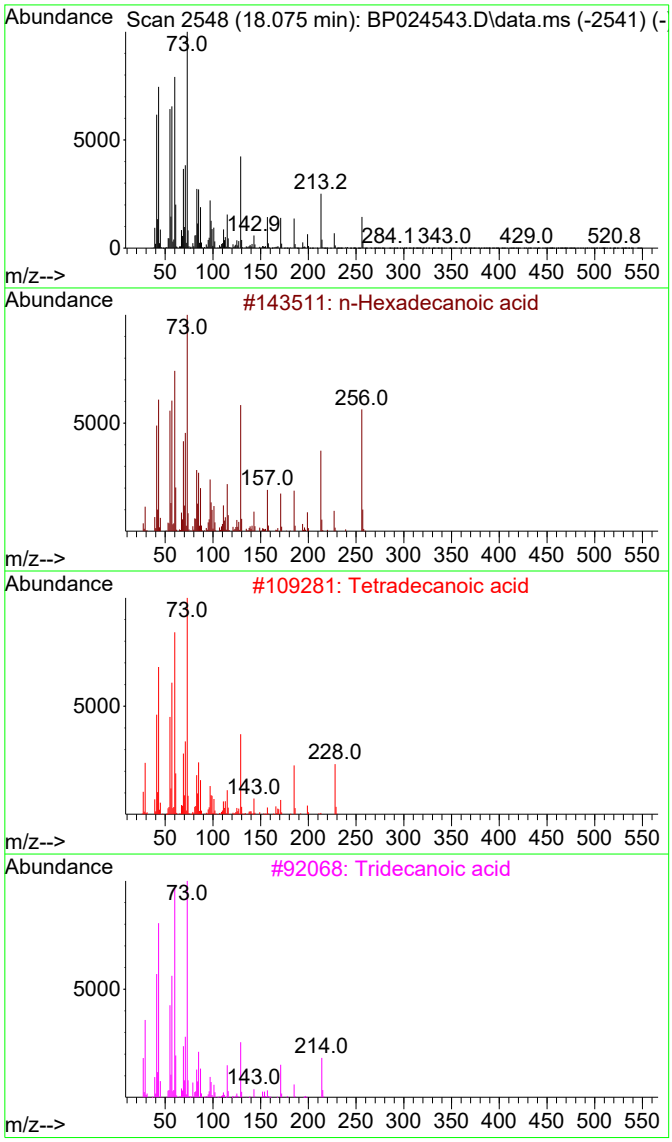
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

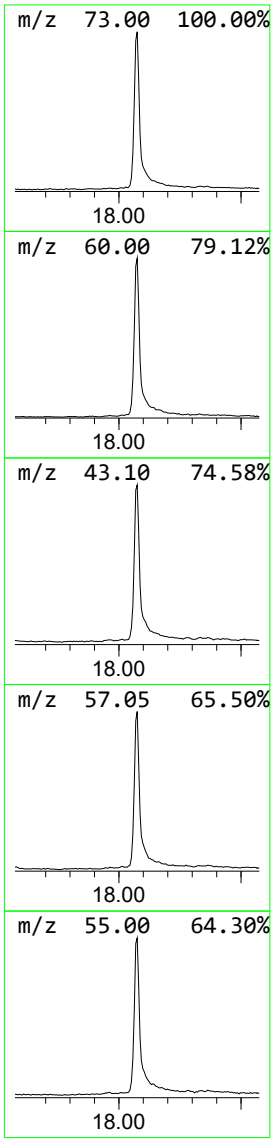
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	27.23 ng	2112850	Phenanthrene-d10	17.133

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

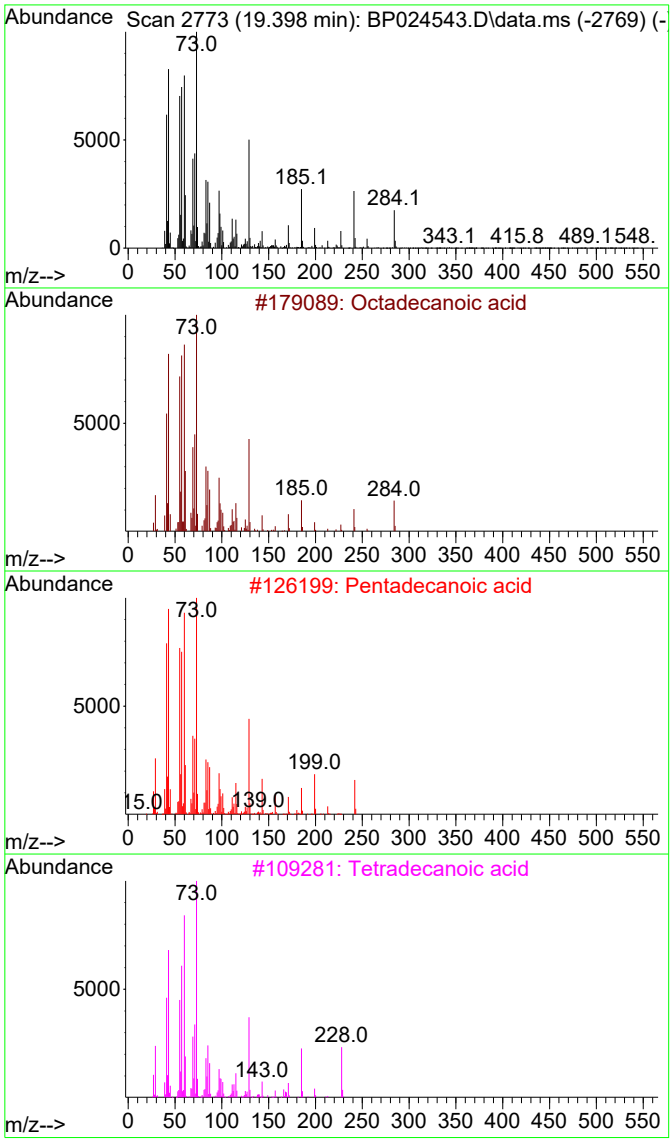
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

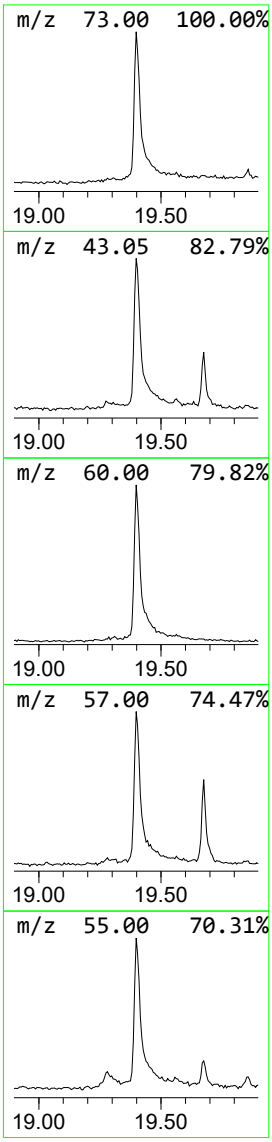
****

Peak Number 7 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	8.57 ng	843439	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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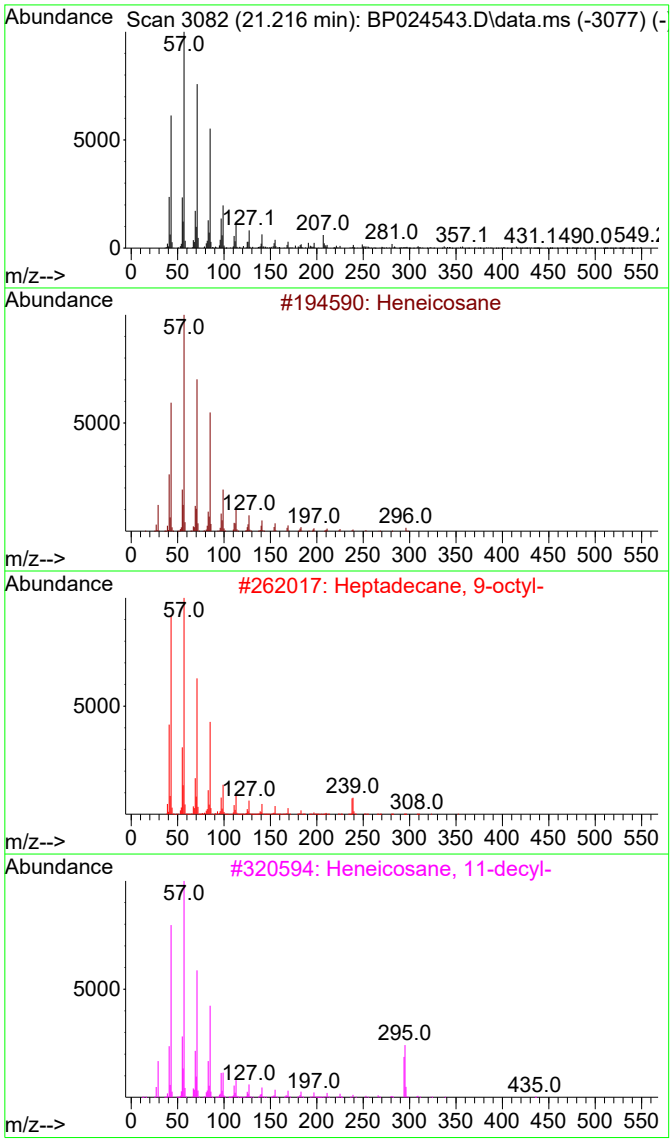
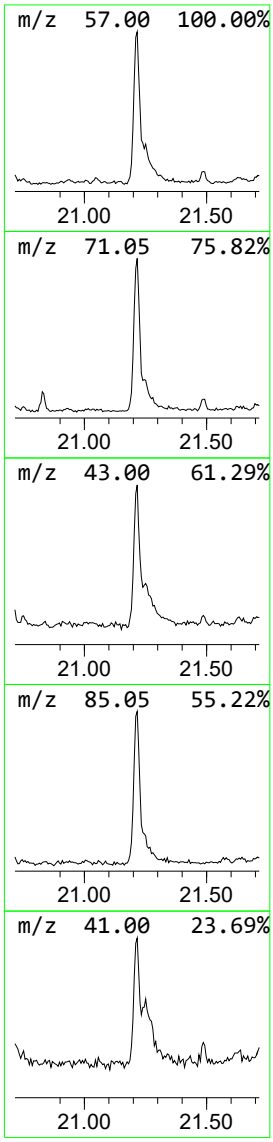
Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	2.37 ng	233039	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91





Sample Results: **BP024543.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024543.D
Acq On : 06 May 2025 12:23
Operator : RC/JU
Sample : Q1937-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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-...	4.869	5.3	ng	200862	1	7.705	765519	20.0
Octadecanoic acid	15.298	15.3	ng	1016070	3	14.334	1325830	20.0
Pentadecanoic acid	15.392	3.0	ng	202464	3	14.334	1325830	20.0
unknown15.439	15.439	4.0	ng	262351	3	14.334	1325830	20.0
Benzophenone	15.710	8.2	ng	543003	3	14.334	1325830	20.0
n-Hexadecanoic ...	18.075	27.2	ng	2112850	4	17.133	1551720	20.0
Tetradecanoic acid	19.398	8.6	ng	843439	5	21.574	1968200	20.0
Heneicosane	21.216	2.4	ng	233039	5	21.574	1968200	20.0

Raw Data: **BP024544.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-B	SDG No.:	Q1937
Lab Sample ID:	Q1937-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.4
Sample Wt/Vol:	30.05 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
BP024544.D	1	05/05/25 09:35	05/06/25 13:03	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	340	ug/Kg
108-95-2	Phenol	22.9	U	22.9	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.2	U	25.2	180	ug/Kg
95-57-8	2-Chlorophenol	25.3	U	25.3	180	ug/Kg
95-48-7	2-Methylphenol	31.0	U	31.0	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38.8	U	38.8	180	ug/Kg
98-86-2	Acetophenone	30.6	U	30.6	180	ug/Kg
65794-96-9	3+4-Methylphenols	42.6	U	42.6	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.1	U	49.1	82.8	ug/Kg
67-72-1	Hexachloroethane	18.2	U	18.2	180	ug/Kg
98-95-3	Nitrobenzene	19.0	U	19.0	180	ug/Kg
78-59-1	Isophorone	34.0	U	34.0	180	ug/Kg
88-75-5	2-Nitrophenol	60.3	U	60.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	67.1	U	67.1	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	31.9	U	31.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	29.3	U	29.3	180	ug/Kg
91-20-3	Naphthalene	23.5	U	23.5	180	ug/Kg
106-47-8	4-Chloroaniline	36.7	UQ	36.7	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.2	U	26.2	180	ug/Kg
105-60-2	Caprolactam	54.0	U	54.0	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	29.7	U	29.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	26.5	U	26.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20.5	U	20.5	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.1	U	30.1	180	ug/Kg
92-52-4	1,1-Biphenyl	22.6	U	22.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.3	U	23.3	180	ug/Kg
88-74-4	2-Nitroaniline	49.8	U	49.8	180	ug/Kg
131-11-3	Dimethylphthalate	28.1	U	28.1	180	ug/Kg

Raw Data: **BP024544.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-B	SDG No.:	Q1937
Lab Sample ID:	Q1937-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.4
Sample Wt/Vol:	30.05 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
BP024544.D	1	05/05/25 09:35	05/06/25 13:03	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	29.9	U	29.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	34.8	U	34.8	180	ug/Kg
99-09-2	3-Nitroaniline	47.6	U	47.6	180	ug/Kg
83-32-9	Acenaphthene	22.1	U	22.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	340	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	340	ug/Kg
132-64-9	Dibenzofuran	23.5	U	23.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.9	U	51.9	180	ug/Kg
84-66-2	Diethylphthalate	29.3	U	29.3	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27.7	U	27.7	180	ug/Kg
86-73-7	Fluorene	26.2	U	26.2	180	ug/Kg
100-01-6	4-Nitroaniline	66.5	U	66.5	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	34.1	U	34.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28.8	U	28.8	180	ug/Kg
118-74-1	Hexachlorobenzene	26.2	U	26.2	180	ug/Kg
1912-24-9	Atrazine	35.2	U	35.2	180	ug/Kg
87-86-5	Pentachlorophenol	53.1	U	53.1	340	ug/Kg
85-01-8	Phenanthrene	21.6	U	21.6	180	ug/Kg
120-12-7	Anthracene	34.5	U	34.5	180	ug/Kg
86-74-8	Carbazole	32.3	U	32.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	49.6	U	49.6	180	ug/Kg
206-44-0	Fluoranthene	31.1	U	31.1	180	ug/Kg
129-00-0	Pyrene	37.3	U	37.3	180	ug/Kg
85-68-7	Butylbenzylphthalate	73.9	U	73.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38.0	UQ	38.0	340	ug/Kg
56-55-3	Benzo(a)anthracene	23.8	U	23.8	180	ug/Kg
218-01-9	Chrysene	20.6	U	20.6	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.3	U	61.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	89.9	U	89.9	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.7	U	19.7	180	ug/Kg

Raw Data: **BP024544.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-B	SDG No.:	Q1937
Lab Sample ID:	Q1937-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.4
Sample Wt/Vol:	30.05 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
BP024544.D	1	05/05/25 09:35	05/06/25 13:03	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	23.2	U	23.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	30.6	U	30.6	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30.1	U	30.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28.4	U	28.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26.6	U	26.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26.5	U	26.5	180	ug/Kg
123-91-1	1,4-Dioxane	46.8	U	46.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	28.4	U	28.4	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	73.8		30 (18) - 130 (112)	49%	SPK: 150
13127-88-3	Phenol-d6	68.2		30 (15) - 130 (107)	45%	SPK: 150
4165-60-0	Nitrobenzene-d5	50.1		30 (18) - 130 (107)	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.3		30 (20) - 130 (109)	52%	SPK: 100
118-79-6	2,4,6-Tribromophenol	90.0		30 (10) - 130 (116)	60%	SPK: 150
1718-51-0	Terphenyl-d14	54.2		30 (10) - 130 (105)	54%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	145000	7.705			
1146-65-2	Naphthalene-d8	568000	10.481			
15067-26-2	Acenaphthene-d10	345000	14.34			
1517-22-2	Phenanthrene-d10	694000	17.134			
1719-03-5	Chrysene-d12	816000	21.58			
1520-96-3	Perylene-d12	950000	24.91			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	AB		4.88	ug/Kg
000119-61-9	Benzophenone	230	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	200	J		18.1	ug/Kg

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Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-B	SDG No.:	Q1937
Lab Sample ID:	Q1937-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.4
Sample Wt/Vol:	30.05 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
BP024544.D	1	05/05/25 09:35	05/06/25 13:03	PB167857

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: **BP024544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024544.D
Acq On : 06 May 2025 13:03
Operator : RC/JU
Sample : Q1937-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

Quant Time: May 06 13:45:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	145224	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	567822	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	344553	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	694418	20.000	ng	-0.01
76) Chrysene-d12	21.580	240	816125	20.000	ng	-0.01
86) Perylene-d12	24.910	264	949984	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	648554	73.841	ng	-0.01
7) Phenol-d6	6.893	99	819765	68.163	ng	-0.02
23) Nitrobenzene-d5	8.852	82	499104	50.120	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	429042	90.001	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1177226	52.313	ng	-0.02
79) Terphenyl-d14	19.851	244	2193639	54.178	ng	-0.02
Target Compounds						Qvalue

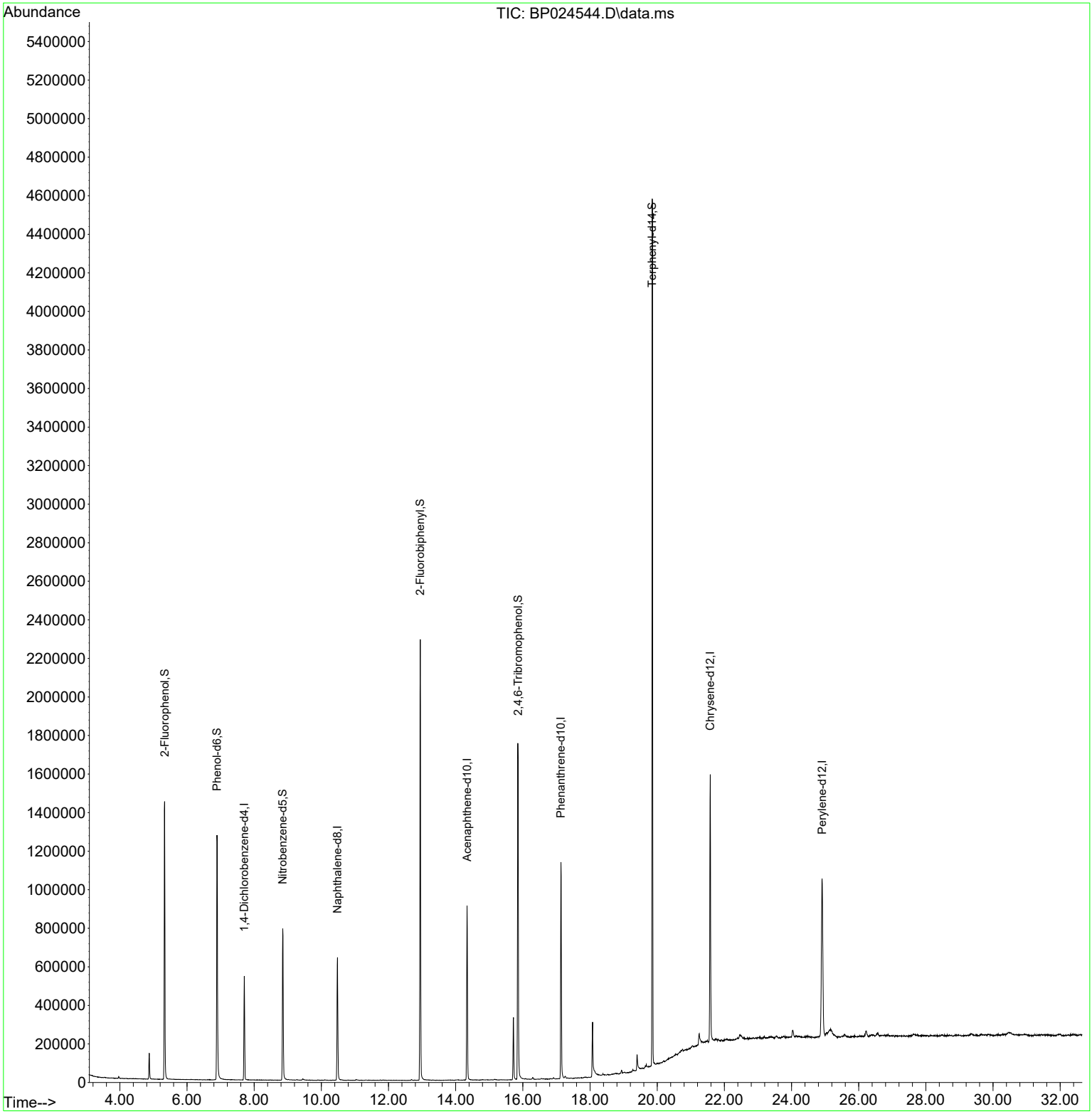
(#) = qualifier out of range (m) = manual integration (+) = signals summed

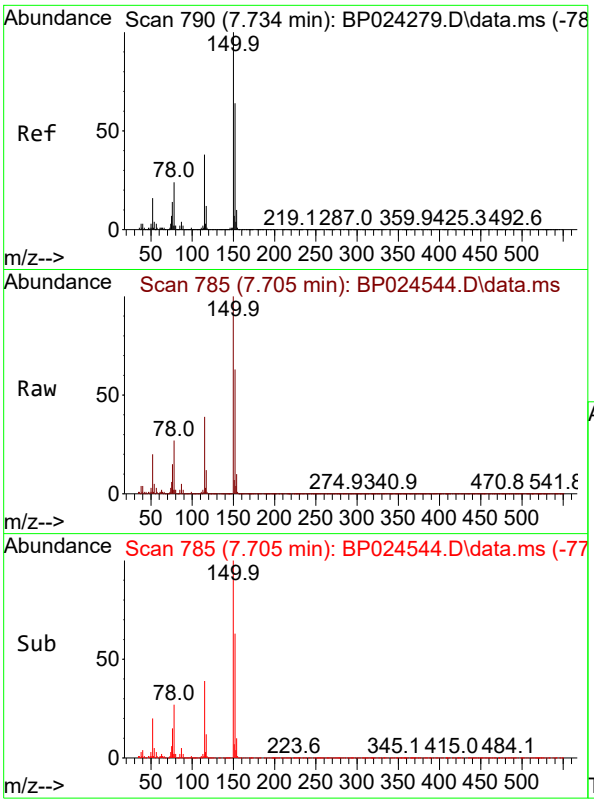
Sample Results: **BP024544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024544.D
Acq On : 06 May 2025 13:03
Operator : RC/JU
Sample : Q1937-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

Quant Time: May 06 13:45:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



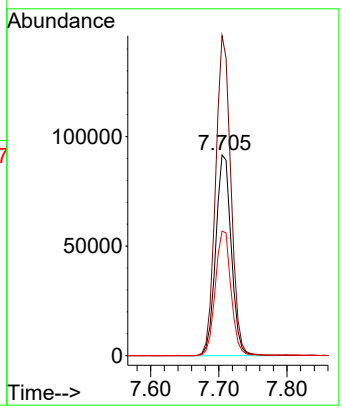


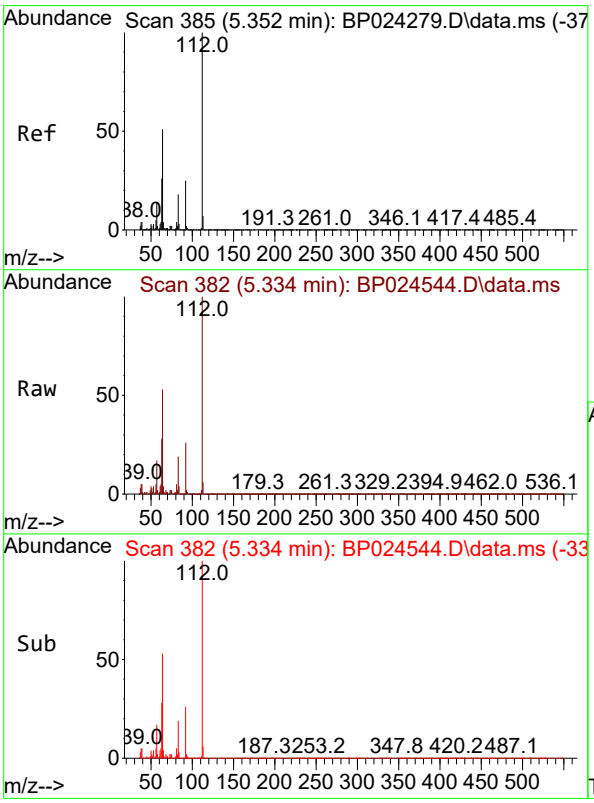
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024544.D
Acq: 06 May 2025 13:03

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

Tgt Ion:152 Resp: 145224

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.9	187.3
115	62.1	47.7	71.5

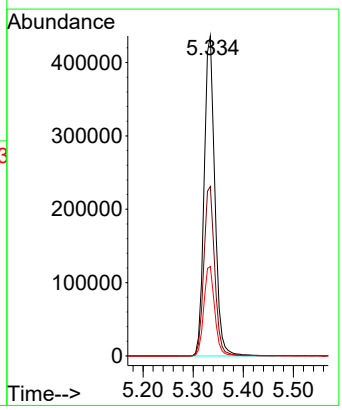


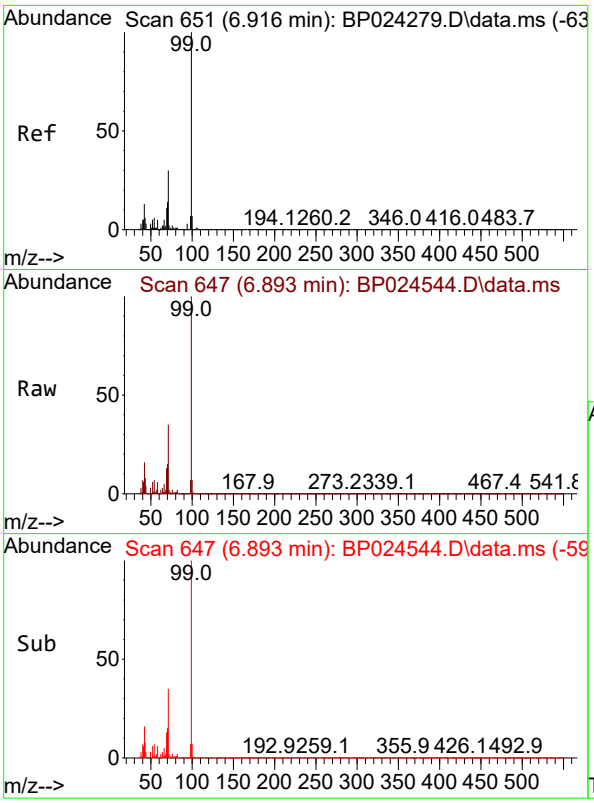


#5
2-Fluorophenol
Concen: 73.841 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024544.D
Acq: 06 May 2025 13:03

Tgt Ion:112 Resp: 648554

Ion	Ratio	Lower	Upper
112	100		
64	53.0	41.1	61.7
63	27.9	20.6	30.8



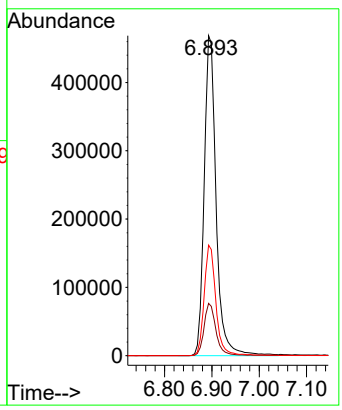


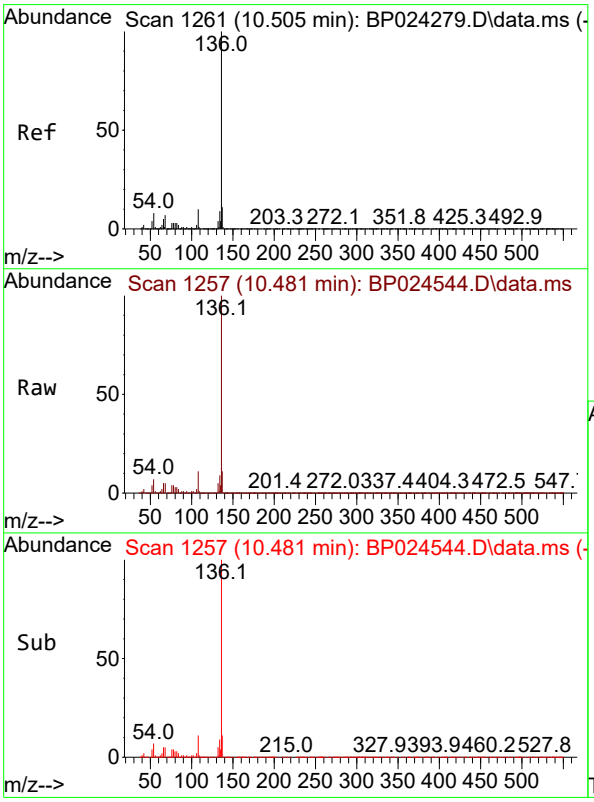
#7
Phenol-d6
Concen: 68.163 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024544.D
Acq: 06 May 2025 13:03

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

Tgt Ion: 99 Resp: 819765

Ion	Ratio	Lower	Upper
99	100		
42	16.3	10.6	16.0#
71	34.5	23.7	35.5

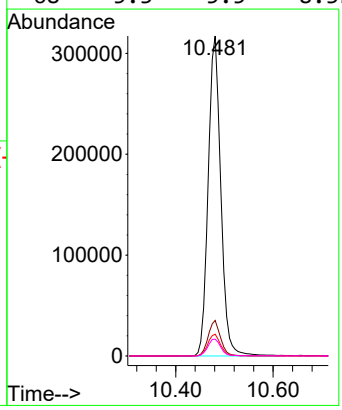


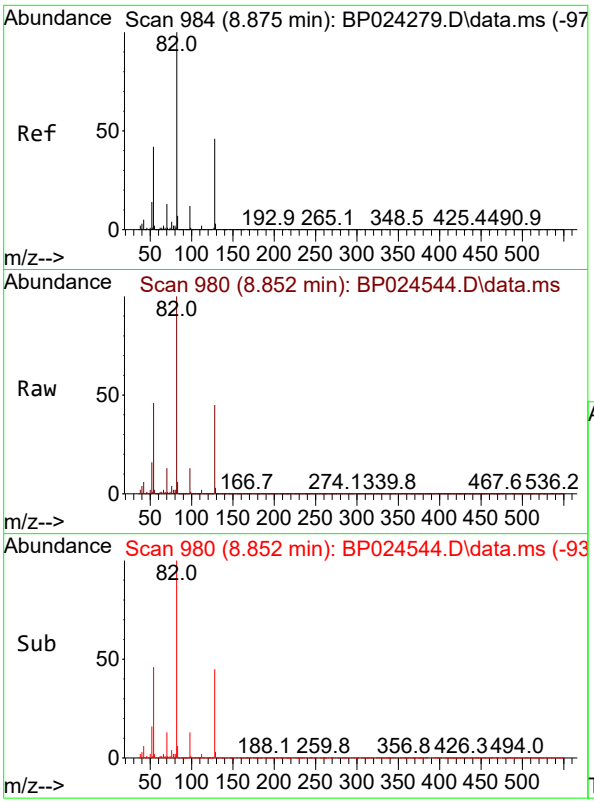


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024544.D
Acq: 06 May 2025 13:03

Tgt Ion:136 Resp: 567822

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.8	6.0	9.0
68	5.3	5.5	8.3#



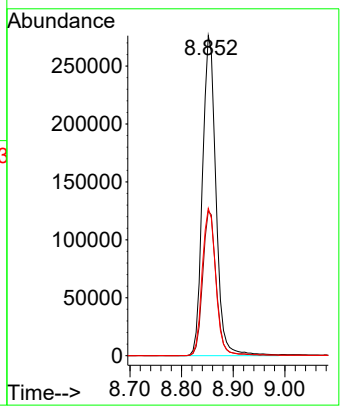


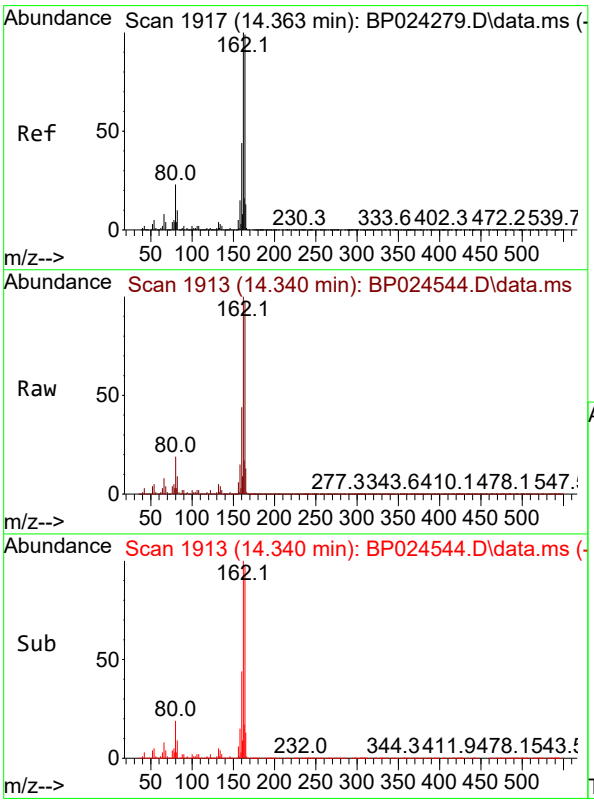
#23
Nitrobenzene-d5
Concen: 50.120 ng
RT: 8.852 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024544.D
Acq: 06 May 2025 13:03

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

Tgt Ion: 82 Resp: 499104

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.5	54.7
54	46.0	33.4	50.2

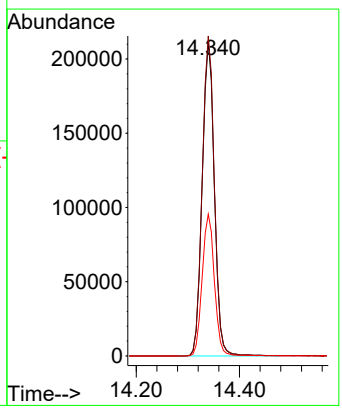


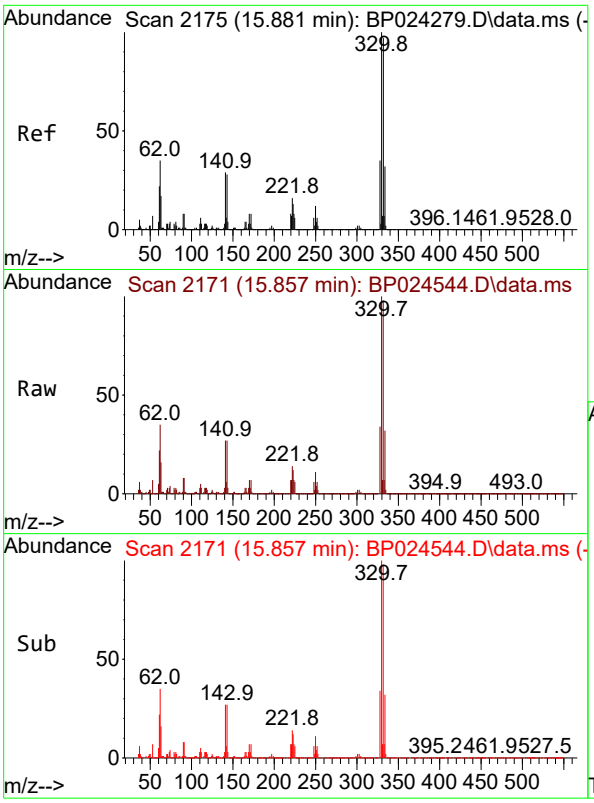


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024544.D
Acq: 06 May 2025 13:03

Tgt Ion:164 Resp: 344553

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	45.1	35.3	52.9



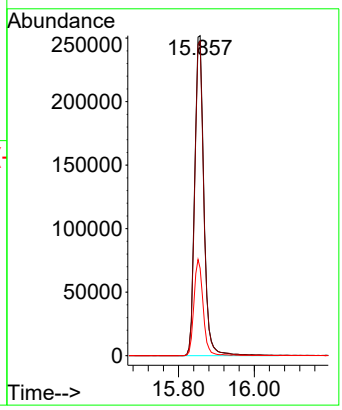


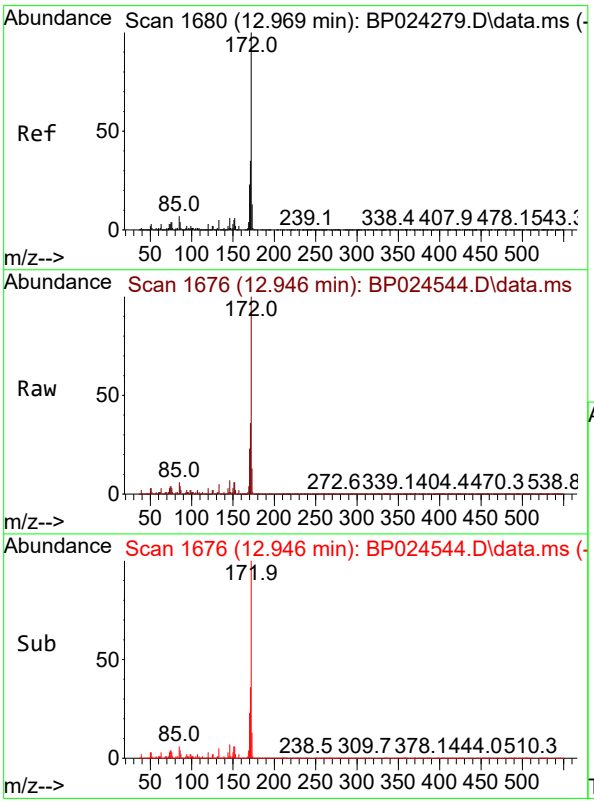
#42
2,4,6-Tribromophenol
Concen: 90.001 ng
RT: 15.857 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024544.D
Acq: 06 May 2025 13:03

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

Tgt Ion:330 Resp: 429042

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	29.8	24.7	37.1

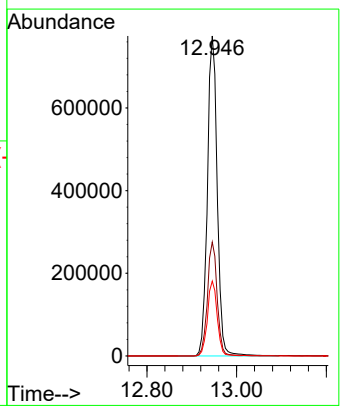


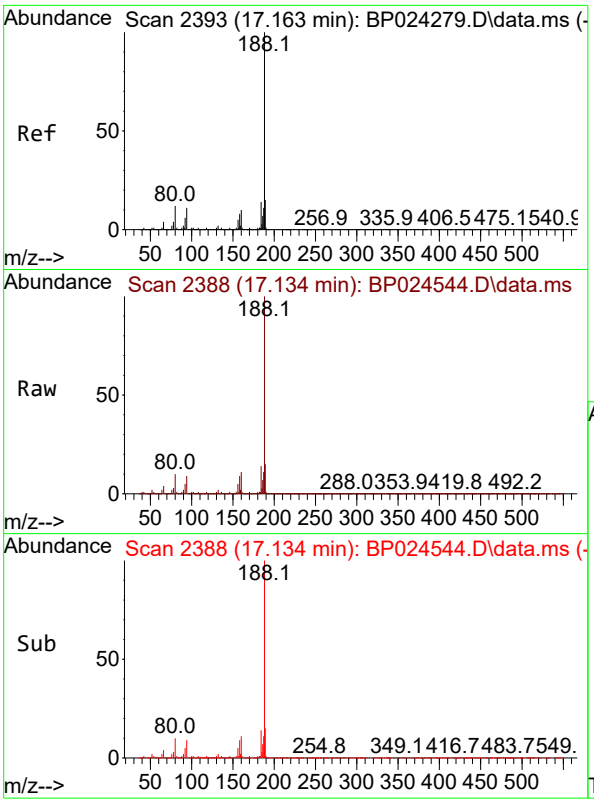


#45
2-Fluorobiphenyl
Concen: 52.313 ng
RT: 12.946 min Scan# 1676
Delta R.T. -0.018 min
Lab File: BP024544.D
Acq: 06 May 2025 13:03

Tgt Ion:172 Resp: 1177226

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.4	18.6	27.8



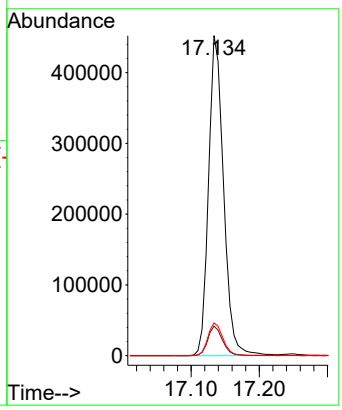


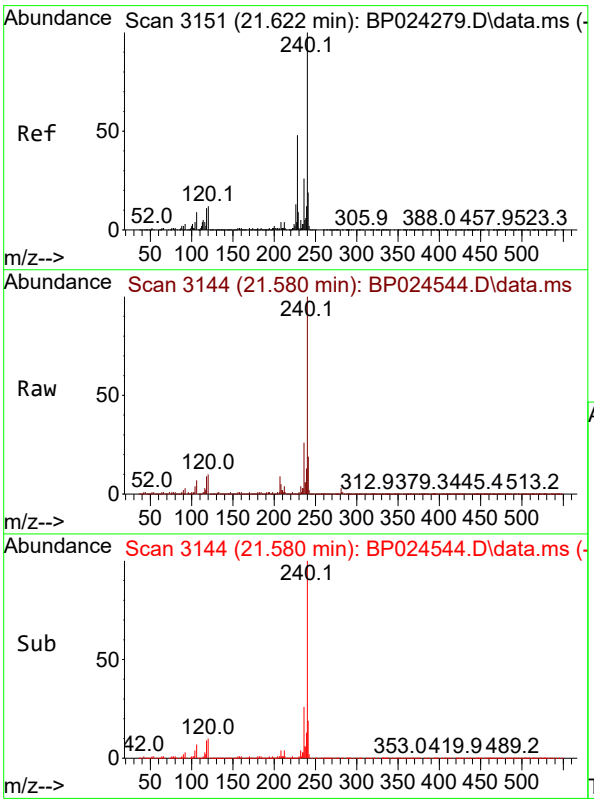
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024544.D
Acq: 06 May 2025 13:03

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

Tgt Ion:188 Resp: 694418

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.6	13.0
80	10.3	9.8	14.6

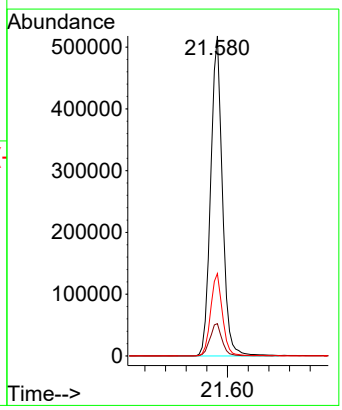


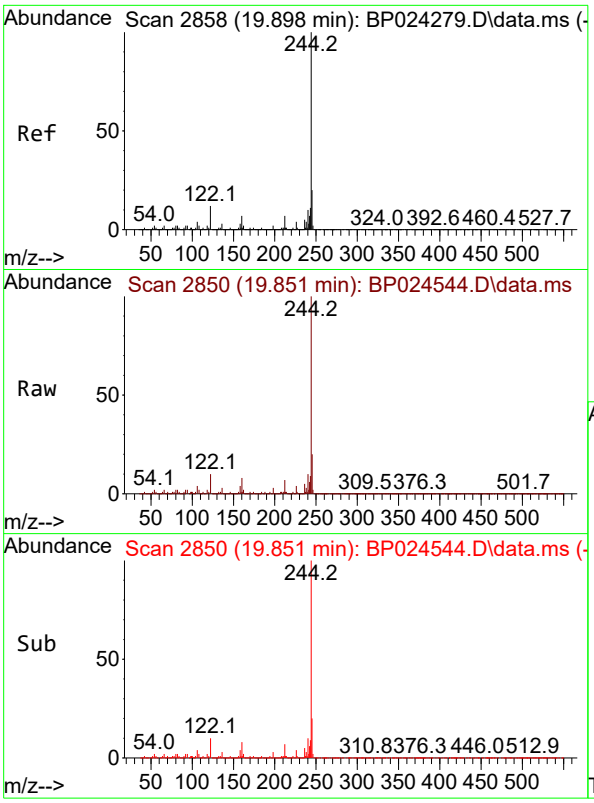


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024544.D
Acq: 06 May 2025 13:03

Tgt Ion:240 Resp: 816125

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.8	14.8
236	25.8	20.9	31.3



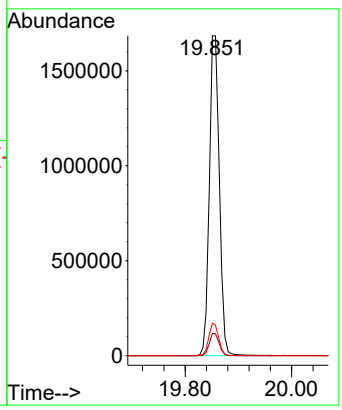


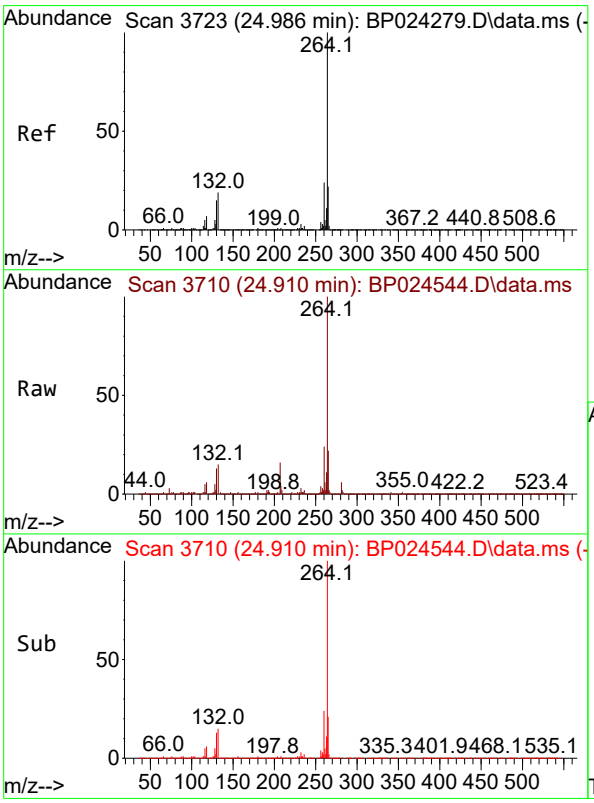
#79
Terphenyl-d14
Concen: 54.178 ng
RT: 19.851 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP024544.D
Acq: 06 May 2025 13:03

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

Tgt Ion:244 Resp: 2193639

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.1	9.4	14.0

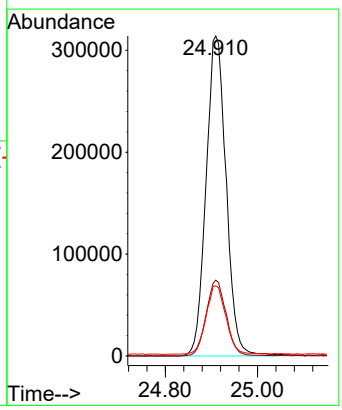




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.910 min Scan# 3710
Delta R.T. -0.023 min
Lab File: BP024544.D
Acq: 06 May 2025 13:03

Tgt Ion:264 Resp: 949984

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.9	17.8	26.6



Sample Results: **BP024544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024544.D
Acq On : 06 May 2025 13:03
Operator : RC/JU
Sample : Q1937-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024544.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	298	304	313	rBV	135313	192998	3.28%	0.657%
2	5.334	375	382	400	rBV	1440381	2160947	36.69%	7.359%
3	6.893	639	647	671	rBV	1268350	2248877	38.19%	7.659%
4	7.705	779	785	795	rBV	538229	843925	14.33%	2.874%
5	8.852	972	980	997	rBV	785766	1439668	24.45%	4.903%
6	10.481	1248	1257	1273	rBV	636656	1142150	19.39%	3.890%
7	12.946	1668	1676	1695	rBV	2287642	3451720	58.61%	11.755%
8	14.340	1906	1913	1924	rBV	903406	1482303	25.17%	5.048%
9	15.722	2140	2148	2159	rBV	323840	500263	8.49%	1.704%
10	15.851	2164	2170	2193	rVV	1742968	2961913	50.29%	10.087%
11	17.134	2381	2388	2403	rBV2	1124359	1775769	30.15%	6.048%
12	18.075	2542	2548	2558	rBV	285241	526863	8.95%	1.794%
13	19.398	2770	2773	2786	rBV3	78451	162812	2.76%	0.554%
14	19.851	2845	2850	2860	rBV	4498291	5889343	100.00%	20.057%
15	21.580	3138	3144	3154	rBV	1378407	2169941	36.85%	7.390%
16	24.910	3701	3710	3724	rVB	812118	2413419	40.98%	8.219%

Sum of corrected areas: 29362911

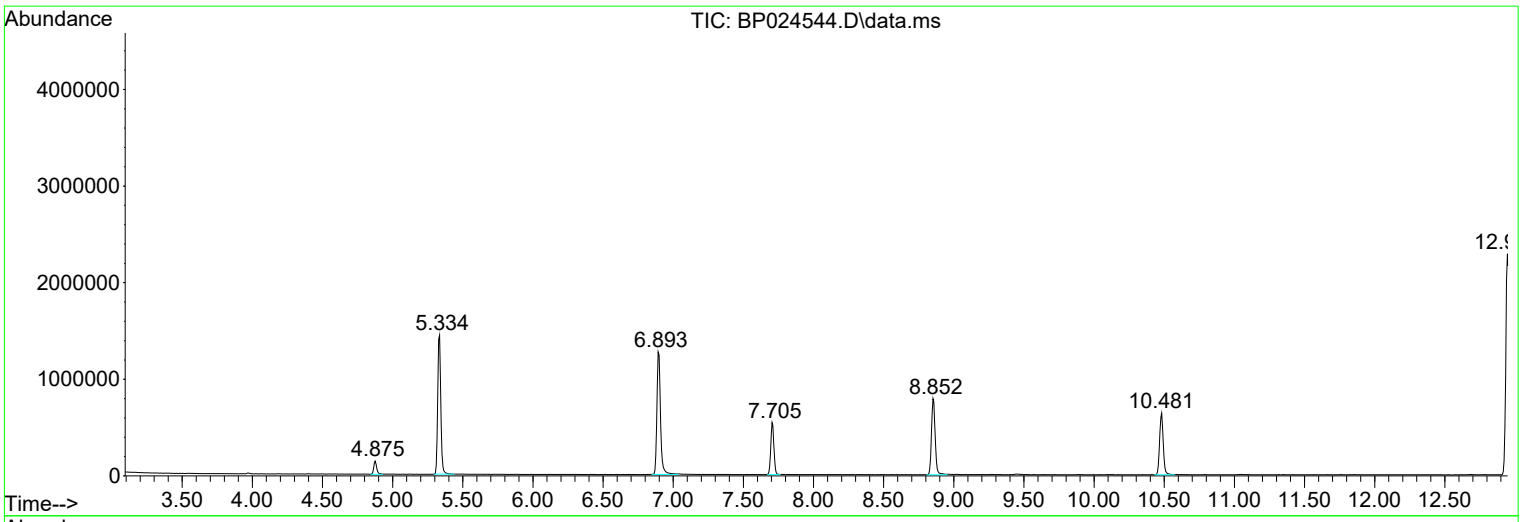
Sample Results: **BP024544.D**

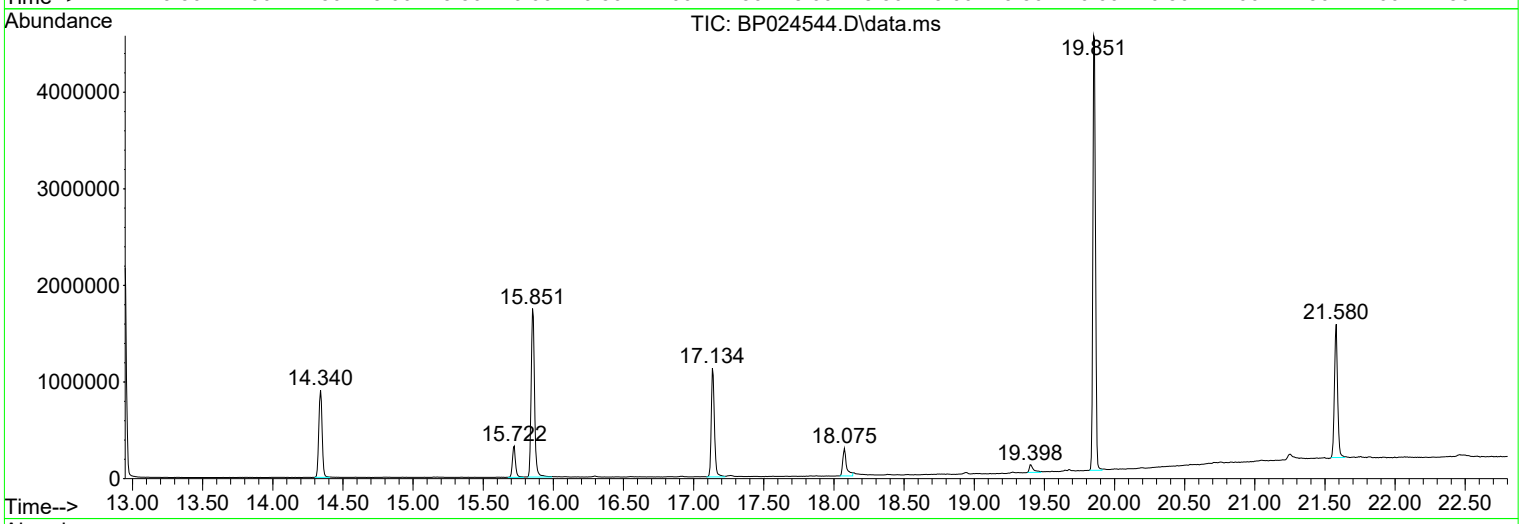
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024544.D
Acq On : 06 May 2025 13:03
Operator : RC/JU
Sample : Q1937-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

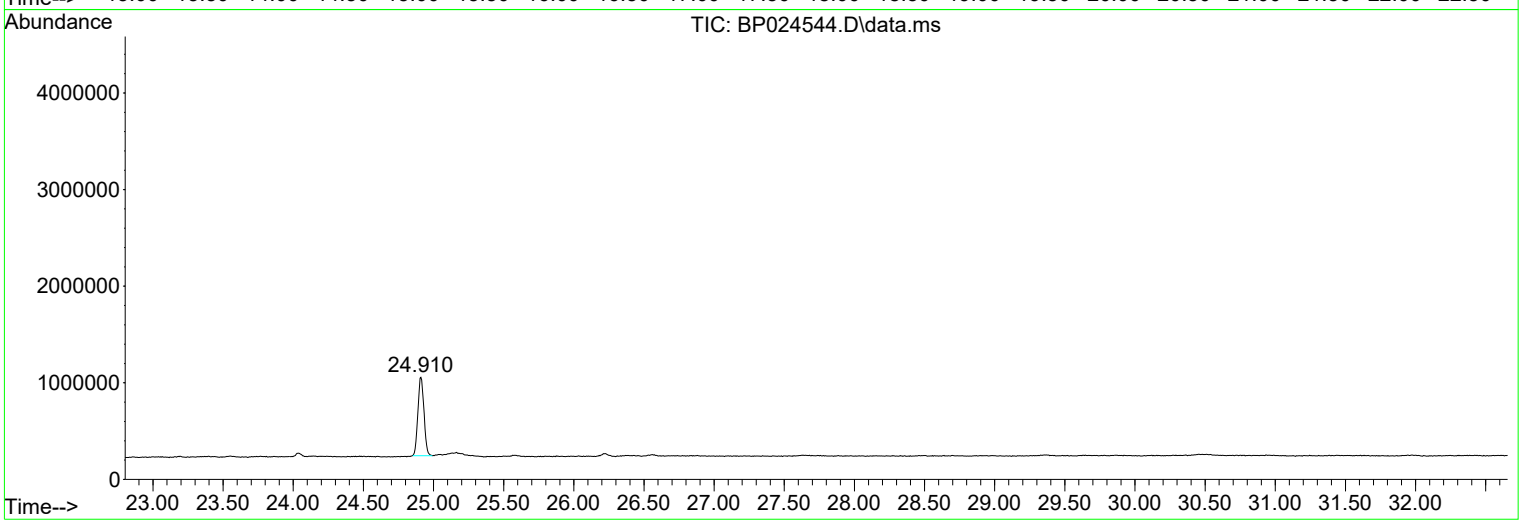
Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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\BP050625\
Data File : BP024544.D
Acq On : 06 May 2025 13:03
Operator : RC/JU
Sample : Q1937-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

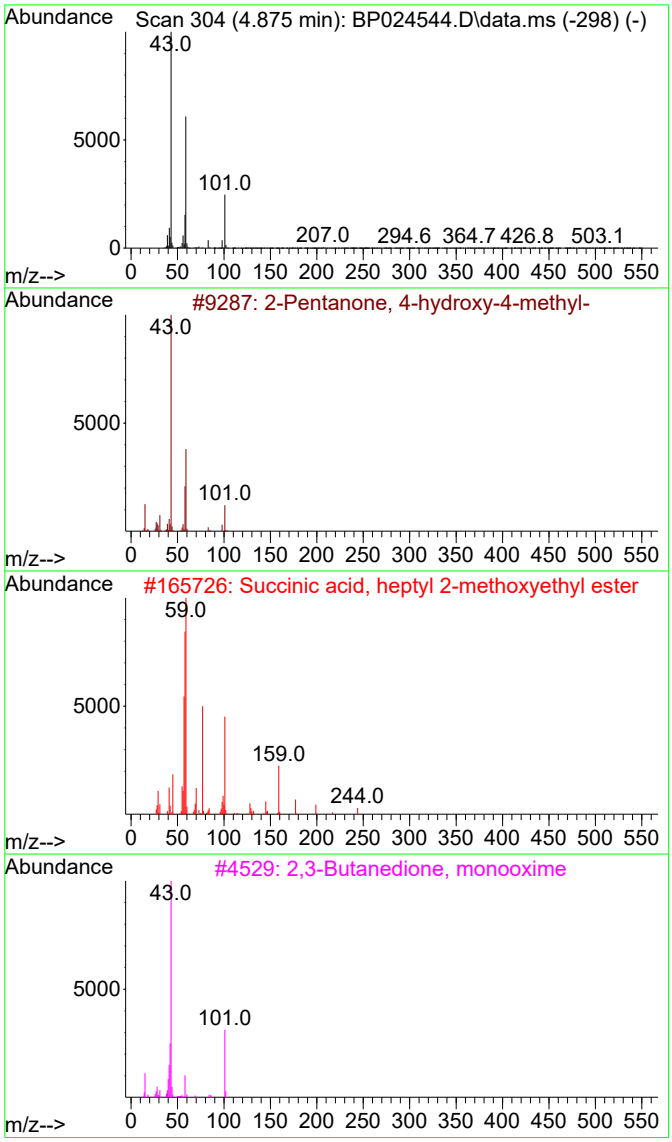
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

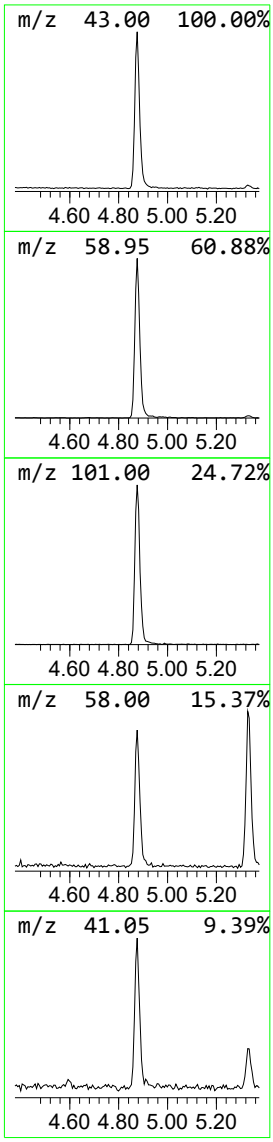
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	4.57 ng	192998	1,4-Dichlorobenzene-d4	7.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024544.D
Acq On : 06 May 2025 13:03
Operator : RC/JU
Sample : Q1937-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

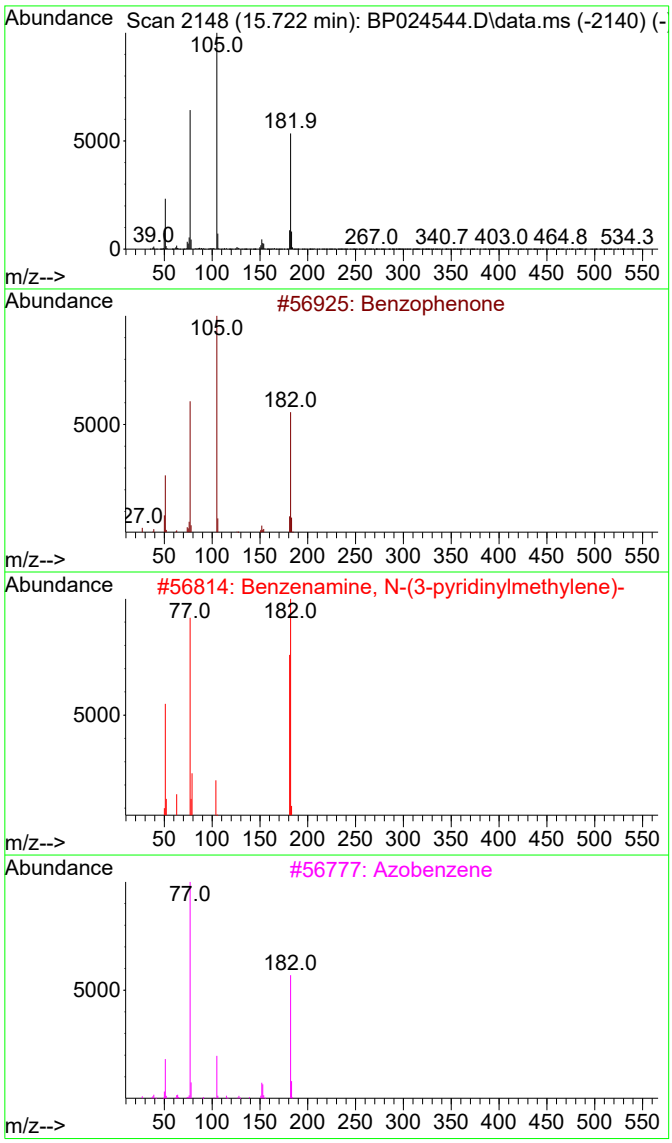
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

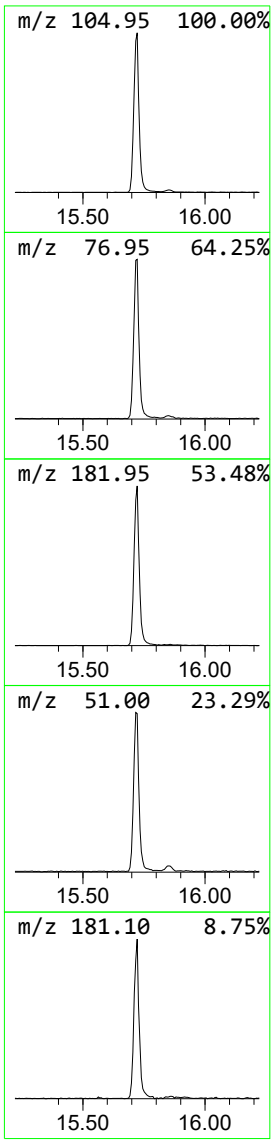
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	6.75 ng	500263	Acenaphthene-d10	14.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
3	Azobenzene	182	C12H10N2	000103-33-3	42
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	38
5	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024544.D
Acq On : 06 May 2025 13:03
Operator : RC/JU
Sample : Q1937-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

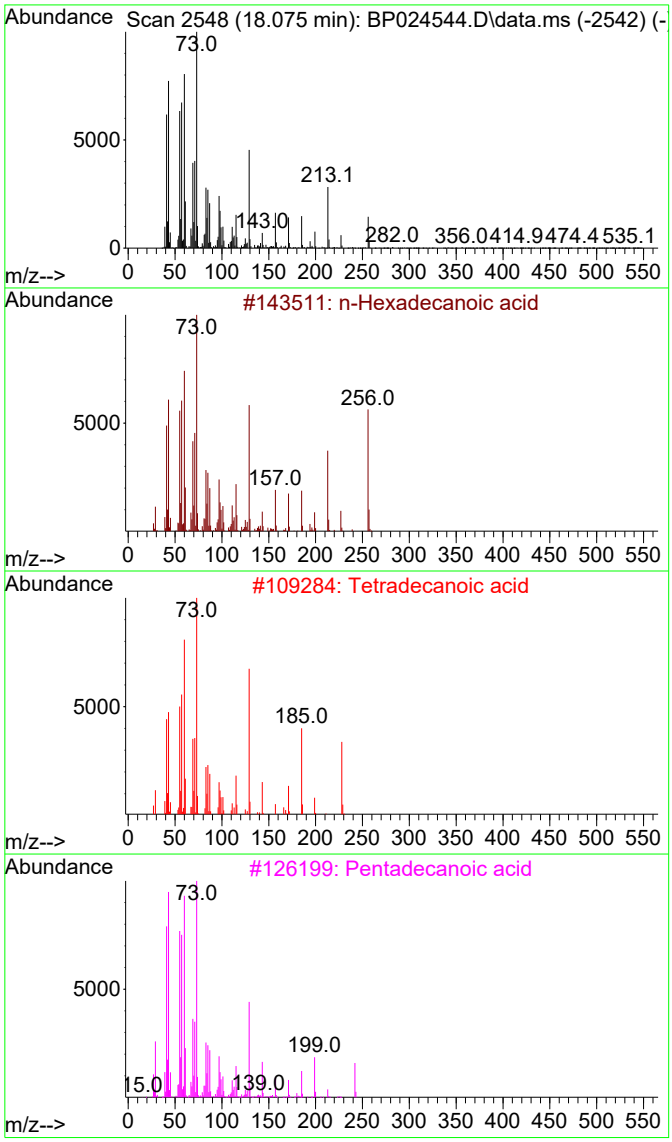
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

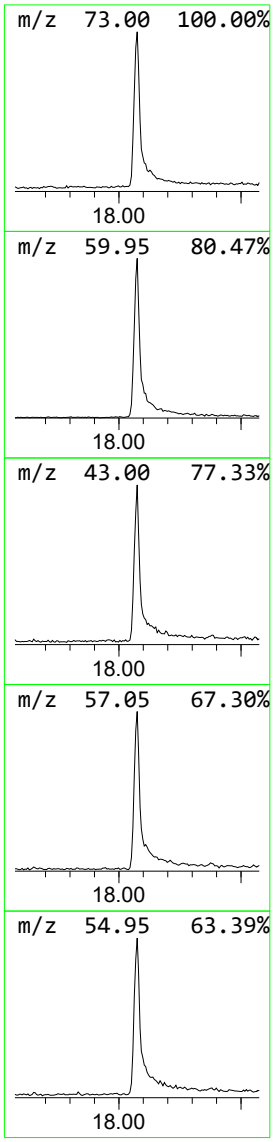
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	5.93 ng	526863	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Sample Results: **BP024544.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024544.D
Acq On : 06 May 2025 13:03
Operator : RC/JU
Sample : Q1937-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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-...	4.875	4.6	ng	192998	1	7.705	843925	20.0
Benzophenone	15.722	6.8	ng	500263	3	14.340	1482300	20.0
n-Hexadecanoic ...	18.075	5.9	ng	526863	4	17.134	1775770	20.0

Raw Data: **BM050100.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-C	SDG No.:	Q1937
Lab Sample ID:	Q1937-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.9
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
BM050100.D	1	05/05/25 09:35	05/05/25 15:42	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	350	ug/Kg
108-95-2	Phenol	23.3	U	23.3	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.6	U	25.6	180	ug/Kg
95-57-8	2-Chlorophenol	25.7	U	25.7	180	ug/Kg
95-48-7	2-Methylphenol	31.5	U	31.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39.5	U	39.5	180	ug/Kg
98-86-2	Acetophenone	31.1	U	31.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	43.3	U	43.3	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.9	U	49.9	84.2	ug/Kg
67-72-1	Hexachloroethane	18.5	U	18.5	180	ug/Kg
98-95-3	Nitrobenzene	19.3	U	19.3	180	ug/Kg
78-59-1	Isophorone	34.5	U	34.5	180	ug/Kg
88-75-5	2-Nitrophenol	61.3	U	61.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	68.2	U	68.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	32.4	U	32.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	29.8	U	29.8	180	ug/Kg
91-20-3	Naphthalene	23.9	U	23.9	180	ug/Kg
106-47-8	4-Chloroaniline	37.3	UQ	37.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.6	U	26.6	180	ug/Kg
105-60-2	Caprolactam	54.8	U	54.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.2	U	30.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	26.9	U	26.9	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20.8	U	20.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.6	U	30.6	180	ug/Kg
92-52-4	1,1-Biphenyl	22.9	U	22.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.7	U	23.7	180	ug/Kg
88-74-4	2-Nitroaniline	50.6	U	50.6	180	ug/Kg
131-11-3	Dimethylphthalate	28.5	U	28.5	180	ug/Kg

Raw Data: **BM050100.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-C	SDG No.:	Q1937
Lab Sample ID:	Q1937-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.9
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
BM050100.D	1	05/05/25 09:35	05/05/25 15:42	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	30.4	U	30.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	35.4	U	35.4	180	ug/Kg
99-09-2	3-Nitroaniline	48.4	U	48.4	180	ug/Kg
83-32-9	Acenaphthene	22.4	U	22.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	350	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	350	ug/Kg
132-64-9	Dibenzofuran	23.9	U	23.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	52.7	U	52.7	180	ug/Kg
84-66-2	Diethylphthalate	29.8	U	29.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.1	U	28.1	180	ug/Kg
86-73-7	Fluorene	26.6	U	26.6	180	ug/Kg
100-01-6	4-Nitroaniline	67.6	U	67.6	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	34.6	U	34.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.3	U	29.3	180	ug/Kg
118-74-1	Hexachlorobenzene	26.6	U	26.6	180	ug/Kg
1912-24-9	Atrazine	35.8	U	35.8	180	ug/Kg
87-86-5	Pentachlorophenol	54.0	U	54.0	350	ug/Kg
85-01-8	Phenanthrene	22.0	U	22.0	180	ug/Kg
120-12-7	Anthracene	35.1	U	35.1	180	ug/Kg
86-74-8	Carbazole	32.8	U	32.8	180	ug/Kg
84-74-2	Di-n-butylphthalate	50.4	U	50.4	180	ug/Kg
206-44-0	Fluoranthene	31.6	U	31.6	180	ug/Kg
129-00-0	Pyrene	37.9	U	37.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	75.2	U	75.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38.6	UQ	38.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	24.2	U	24.2	180	ug/Kg
218-01-9	Chrysene	20.9	U	20.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.3	U	62.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	91.4	U	91.4	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.0	U	20.0	180	ug/Kg

Raw Data: **BM050100.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-C	SDG No.:	Q1937
Lab Sample ID:	Q1937-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.9
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
BM050100.D	1	05/05/25 09:35	05/05/25 15:42	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	23.6	U	23.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	31.1	U	31.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30.6	U	30.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28.8	U	28.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.1	U	27.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26.9	U	26.9	180	ug/Kg
123-91-1	1,4-Dioxane	47.6	U	47.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	28.8	U	28.8	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	87.3		30 (18) - 130 (112)	58%	SPK: 150
13127-88-3	Phenol-d6	86.1		30 (15) - 130 (107)	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.3		30 (18) - 130 (107)	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.6		30 (20) - 130 (109)	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	87.2		30 (10) - 130 (116)	58%	SPK: 150
1718-51-0	Terphenyl-d14	59.9		30 (10) - 130 (105)	60%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	282000	7.745			
1146-65-2	Naphthalene-d8	1020000	10.539			
15067-26-2	Acenaphthene-d10	673000	14.392			
1517-22-2	Phenanthrene-d10	1280000	17.145			
1719-03-5	Chrysene-d12	1160000	21.386			
1520-96-3	Perylene-d12	1190000	24.38			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB		4.87	ug/Kg
000119-61-9	Benzophenone	220	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	470	J		18.0	ug/Kg
000057-11-4	Octadecanoic acid	230	J		19.3	ug/Kg
000297-03-0	Cyclotetracosane	92.6	J		21.1	ug/Kg

Raw Data: **BM050100.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-C	SDG No.:	Q1937
Lab Sample ID:	Q1937-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.9
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
BM050100.D	1	05/05/25 09:35	05/05/25 15:42	PB167857

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\BM050525\
Data File : BM050100.D
Acq On : 05 May 2025 15:42
Operator : RC/JU
Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Quant Time: May 05 16:19:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

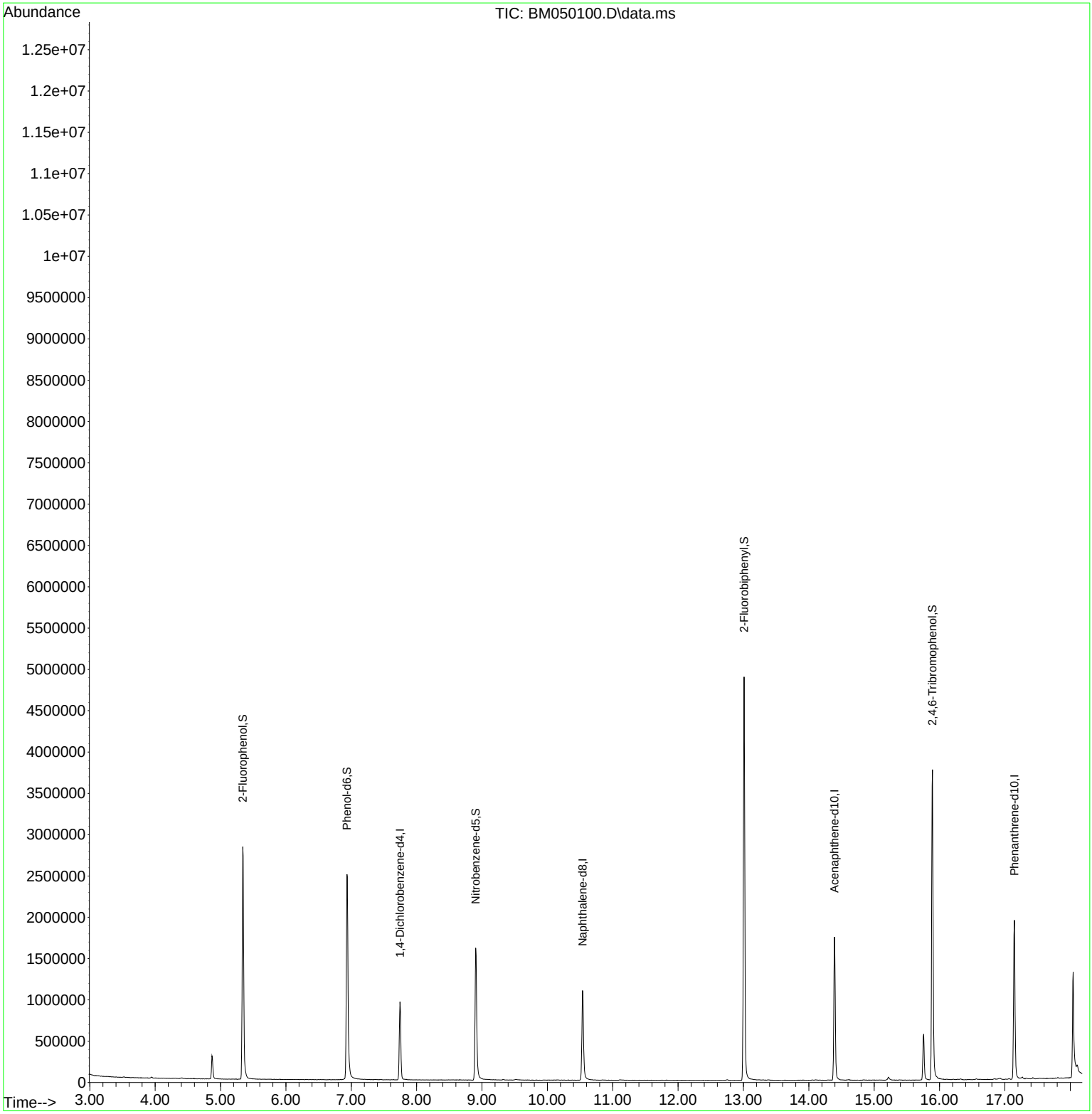
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	281956	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	1017209	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	672574	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1282772	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1164216	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1189202	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1406235	87.334	ng	-0.02
7) Phenol-d6	6.934	99	1742578	86.104	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1059560	51.328	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	866866	87.167	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	2820673	49.613	ng	-0.02
79) Terphenyl-d14	19.768	244	4712055	59.891	ng	-0.01
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050100.D
Acq On : 05 May 2025 15:42
Operator : RC/JU
Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

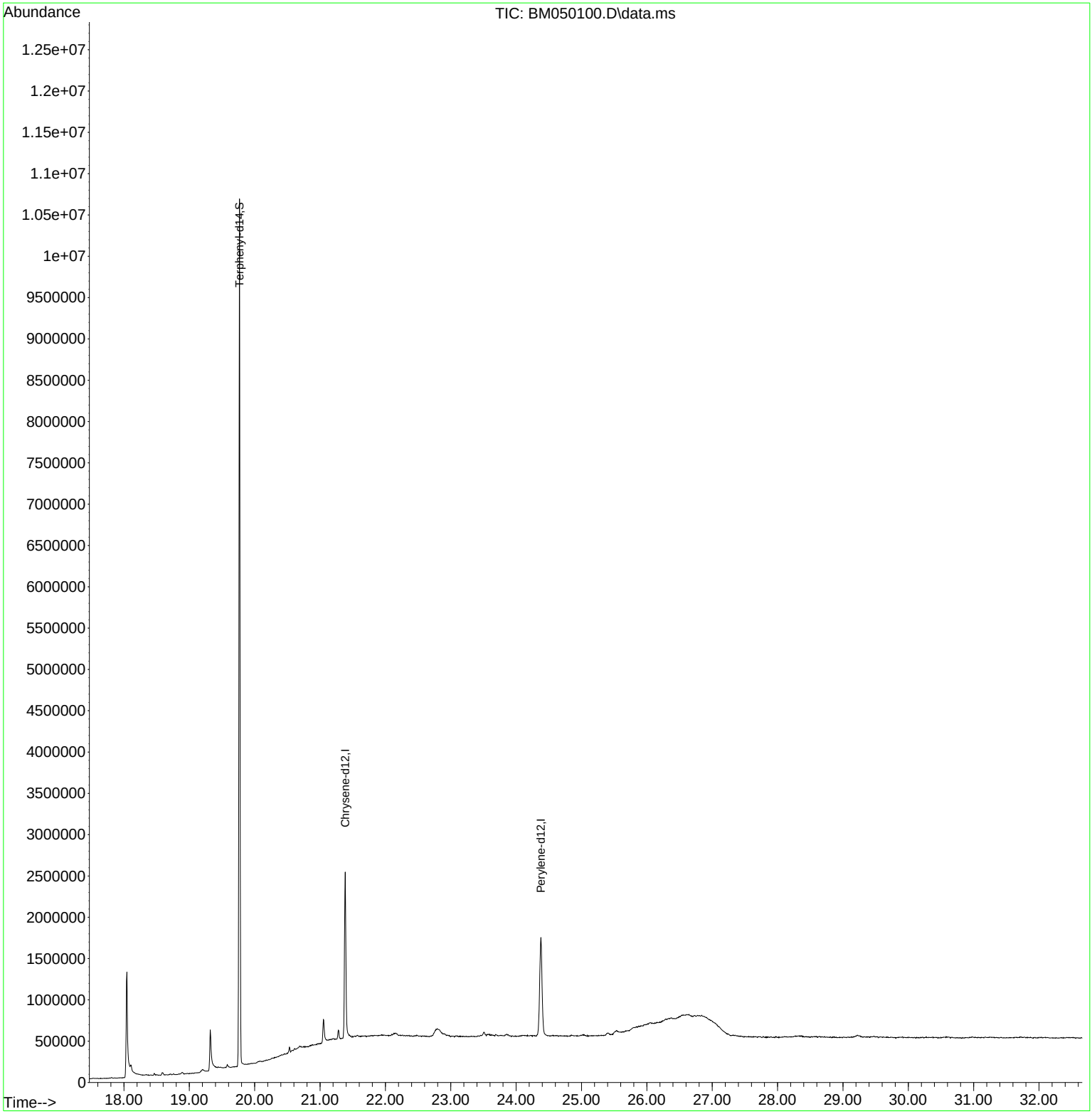
Quant Time: May 05 16:19:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

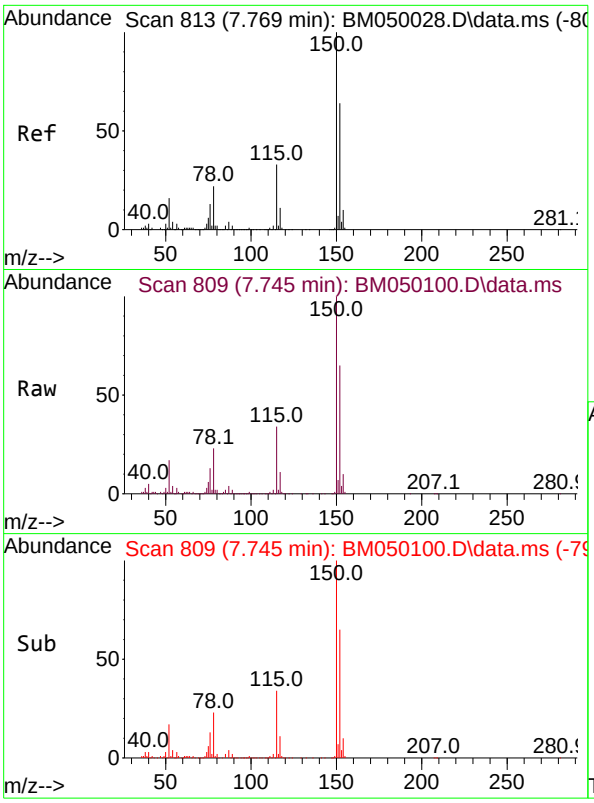


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050100.D
Acq On : 05 May 2025 15:42
Operator : RC/JU
Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Quant Time: May 05 16:19:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



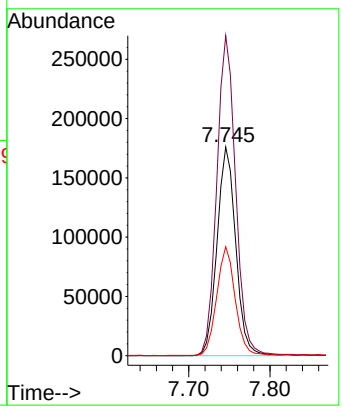


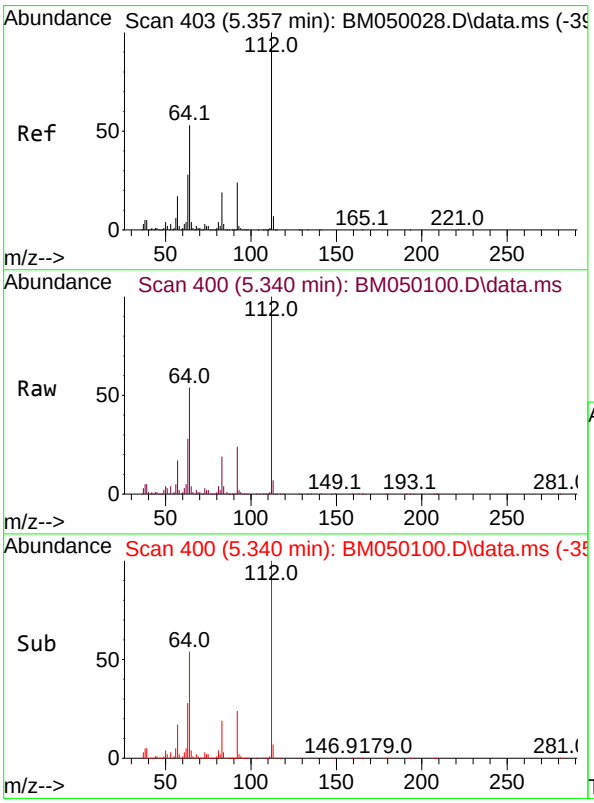
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050100.D
Acq: 05 May 2025 15:42

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Tgt Ion:152 Resp: 281956

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.1	186.1
115	52.2	41.2	61.8

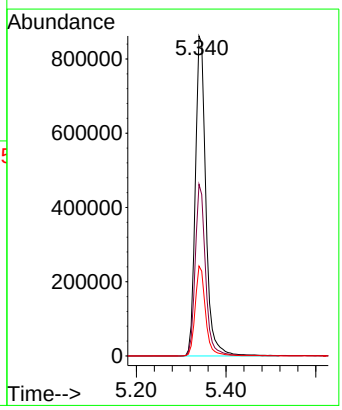


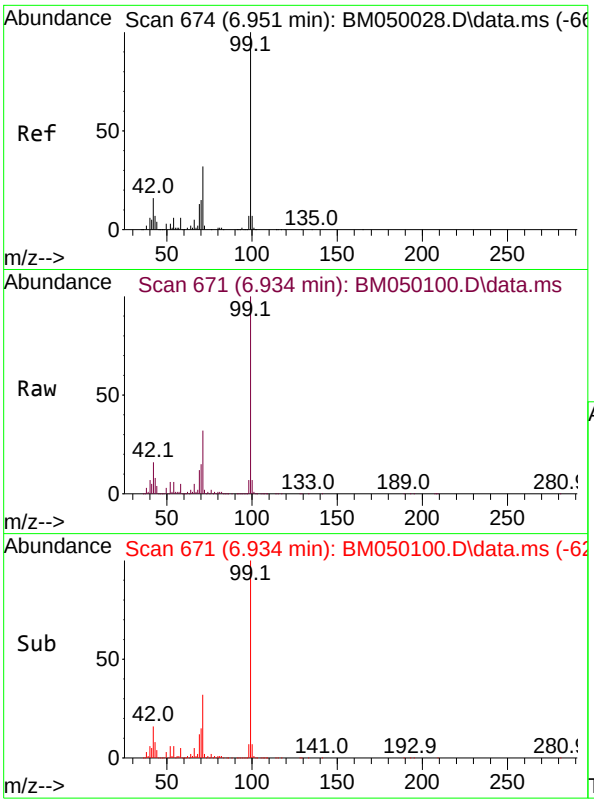


#5
2-Fluorophenol
Concen: 87.334 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050100.D
Acq: 05 May 2025 15:42

Tgt Ion:112 Resp: 1406235

Ion	Ratio	Lower	Upper
112	100		
64	53.7	42.6	64.0
63	28.1	22.2	33.4



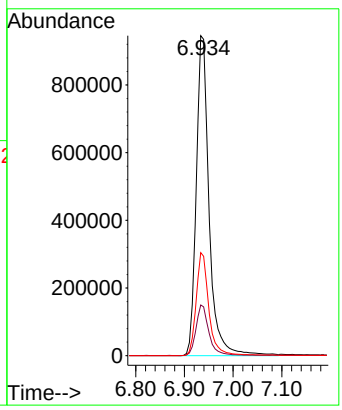


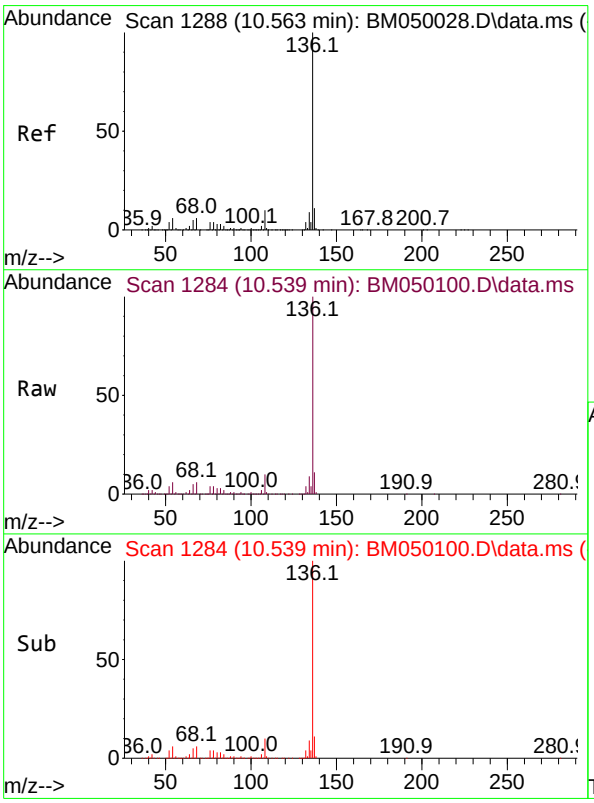
#7
Phenol-d6
Concen: 86.104 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050100.D
Acq: 05 May 2025 15:42

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Tgt Ion: 99 Resp: 1742578

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.0	19.4
71	32.2	25.6	38.4

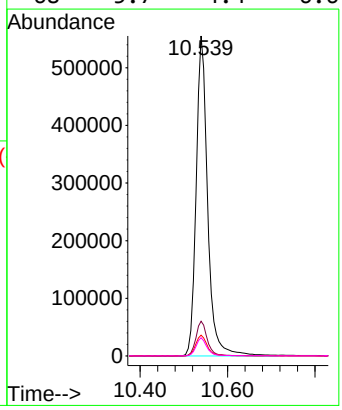


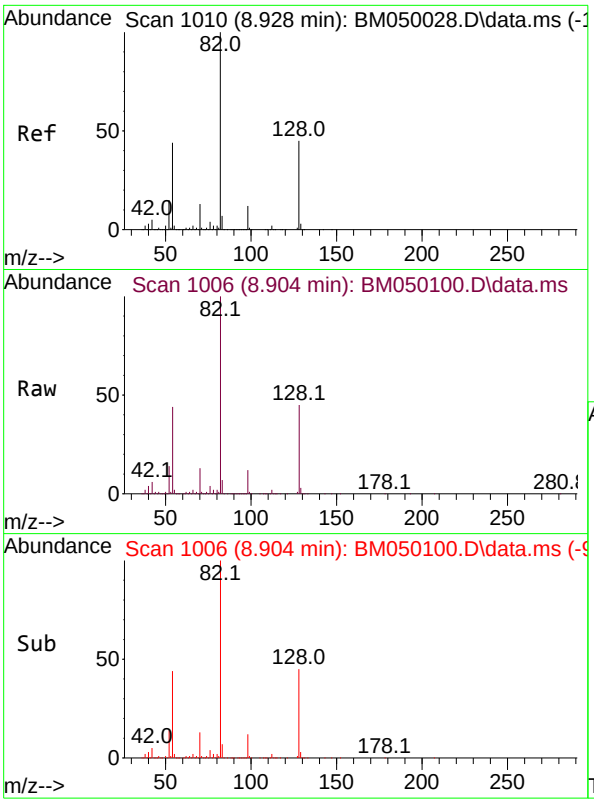


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050100.D
Acq: 05 May 2025 15:42

Tgt Ion:136 Resp: 1017209

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.5	5.1	7.7
68	5.7	4.4	6.6



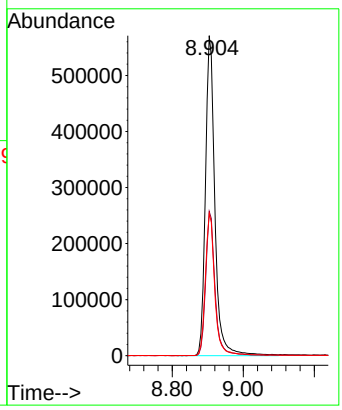


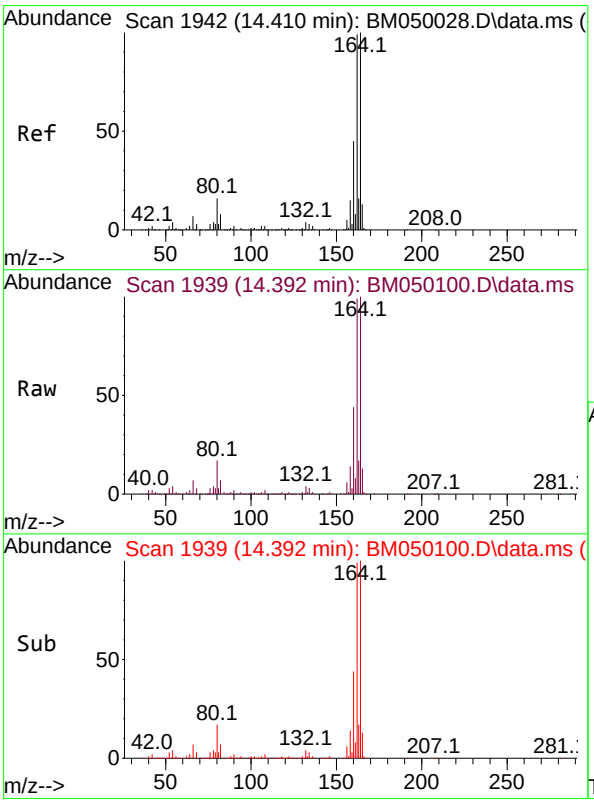
#23
Nitrobenzene-d5
Concen: 51.328 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050100.D
Acq: 05 May 2025 15:42

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Tgt Ion: 82 Resp: 1059560

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.7	53.5
54	44.4	35.4	53.2

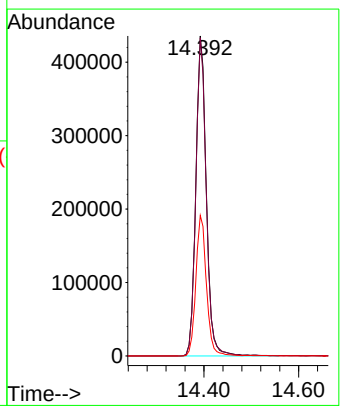


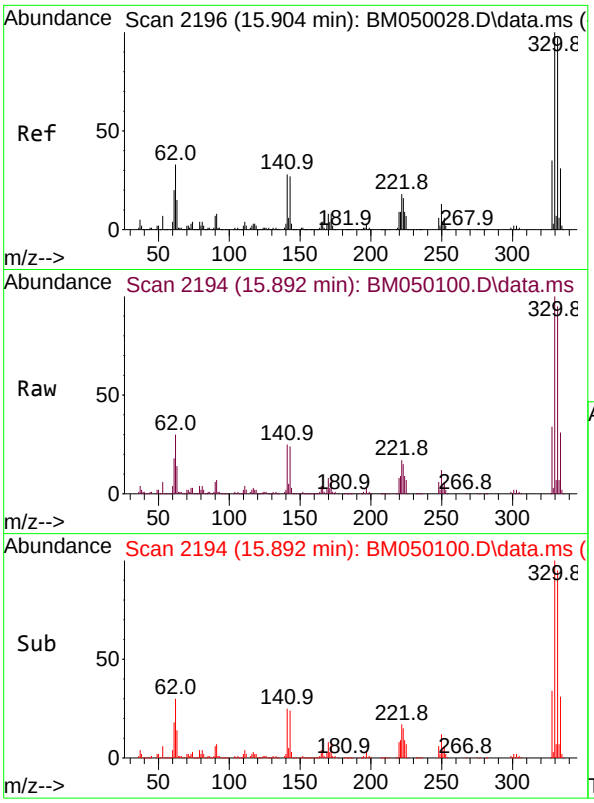


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050100.D
Acq: 05 May 2025 15:42

Tgt Ion:164 Resp: 672574

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.4	119.0
160	43.9	36.2	54.4



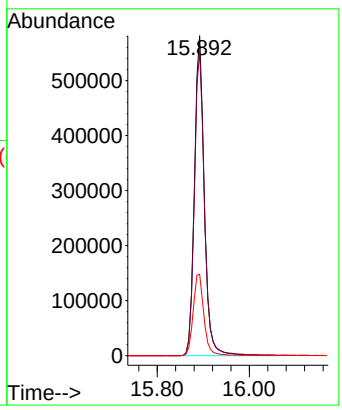


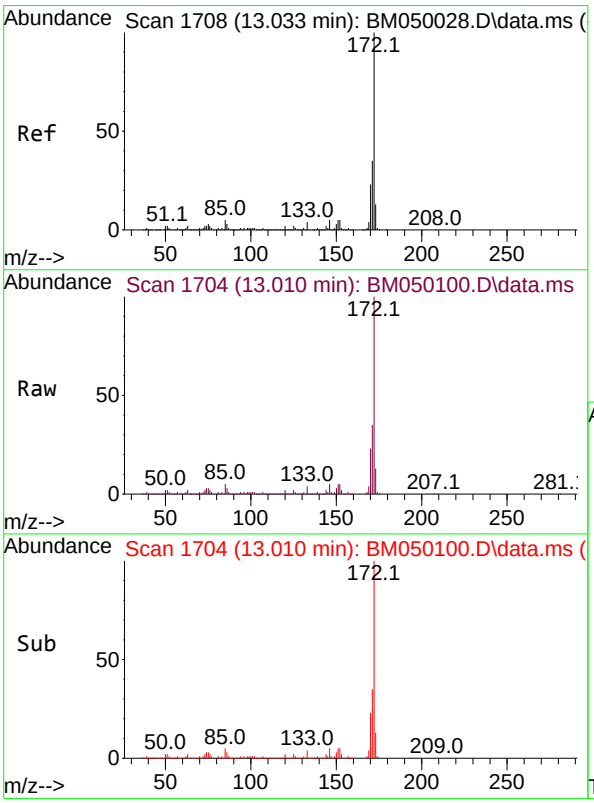
#42
2,4,6-Tribromophenol
Concen: 87.167 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050100.D
Acq: 05 May 2025 15:42

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Tgt Ion:330 Resp: 866866

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	27.6	22.5	33.7

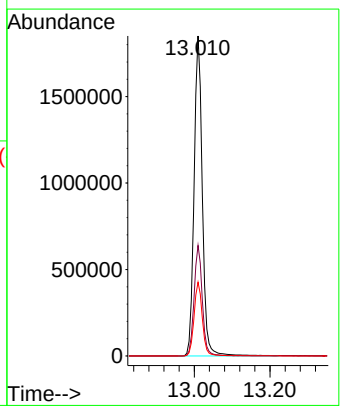


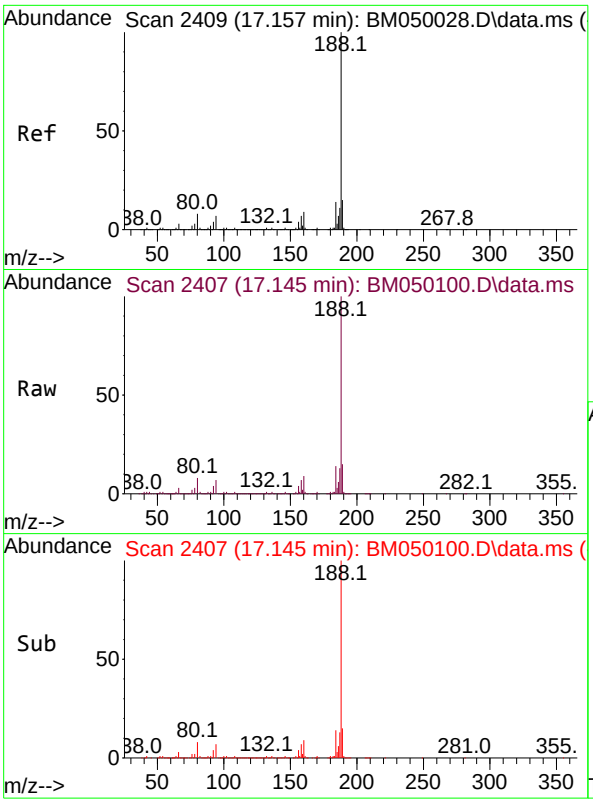


#45
2-Fluorobiphenyl
Concen: 49.613 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050100.D
Acq: 05 May 2025 15:42

Tgt Ion:172 Resp: 2820673

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.0	18.6	28.0



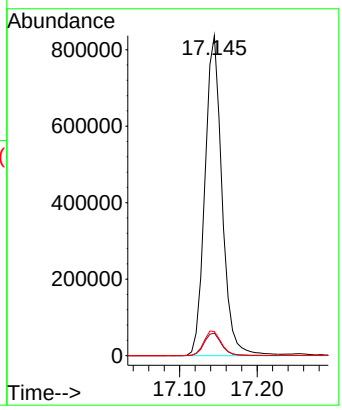


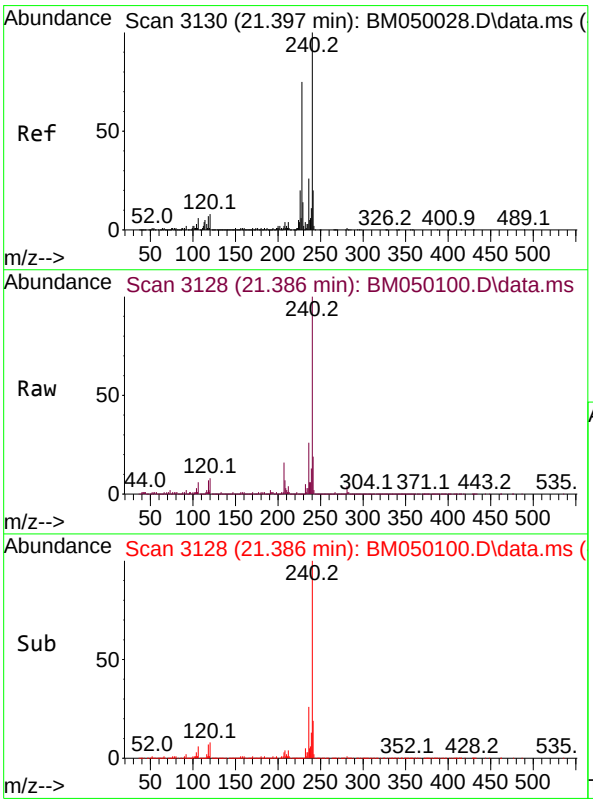
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050100.D
Acq: 05 May 2025 15:42

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Tgt Ion:188 Resp: 1282772

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.6	6.2	9.4

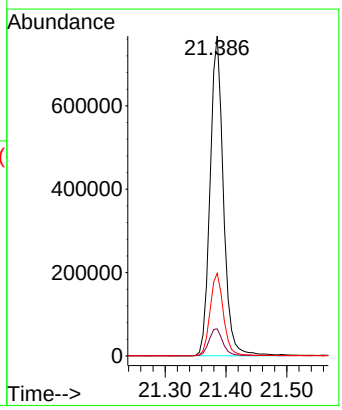


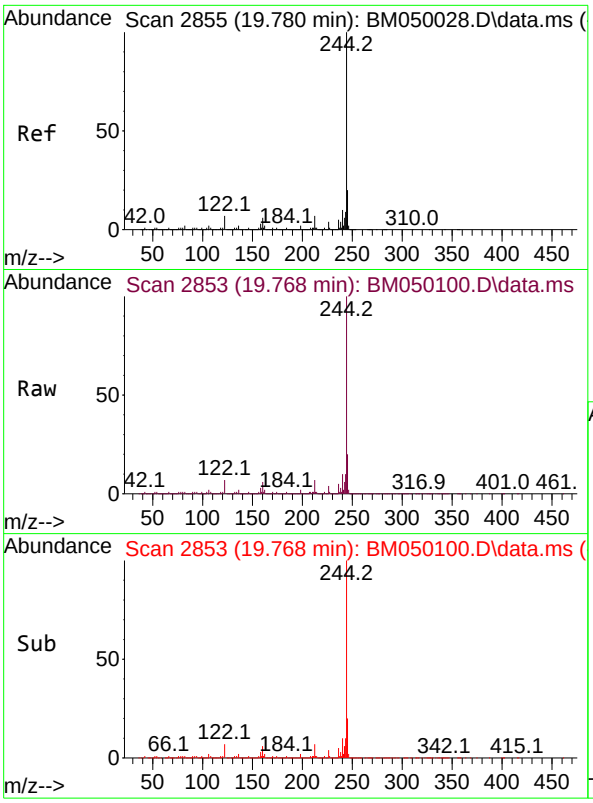


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050100.D
Acq: 05 May 2025 15:42

Tgt Ion:240 Resp: 1164216

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.5	9.7
236	25.8	20.9	31.3



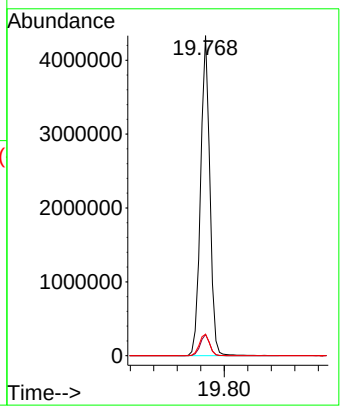


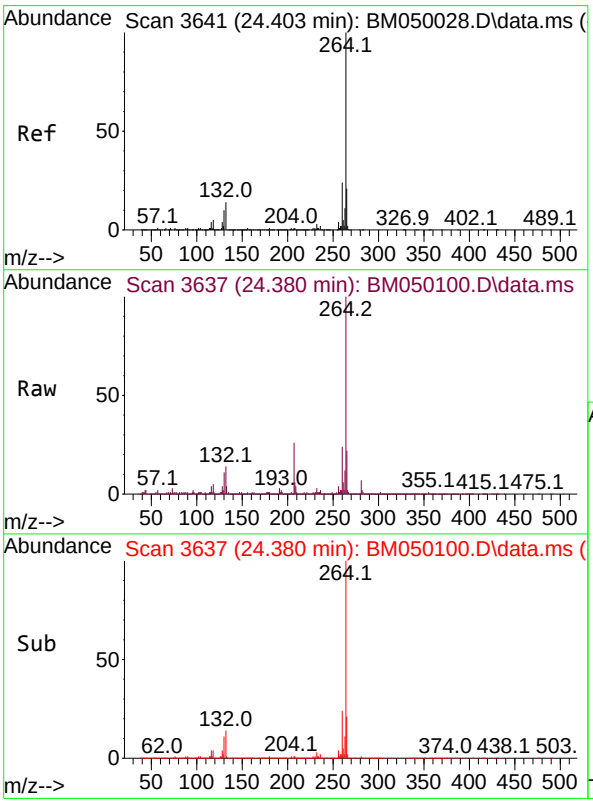
#79
Terphenyl-d14
Concen: 59.891 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050100.D
Acq: 05 May 2025 15:42

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Tgt Ion:244 Resp: 4712055

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	6.7	5.6	8.4

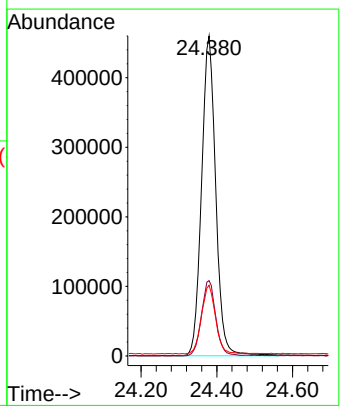




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BM050100.D
Acq: 05 May 2025 15:42

Tgt Ion:264 Resp: 1189202

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.1	17.0	25.4



Sample Results: **BM050100.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050100.D
Acq On : 05 May 2025 15:42
Operator : RC/JU
Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050100.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	315	320	332	rVB	276860	408414	3.48%	0.712%
2	5.340	394	400	419	rBV	2812336	4536694	38.62%	7.905%
3	6.934	665	671	688	rBV	2476910	4530969	38.57%	7.895%
4	7.745	802	809	820	rBV	945531	1526274	12.99%	2.659%
5	8.904	999	1006	1026	rBV	1598841	2965775	25.24%	5.167%
6	10.539	1274	1284	1307	rBV	1086620	2022938	17.22%	3.525%
7	13.010	1697	1704	1729	rBV	4884261	7526139	64.06%	13.113%
8	14.392	1933	1939	1954	rBV	1732569	2692930	22.92%	4.692%
9	15.757	2164	2171	2182	rBV	556337	849106	7.23%	1.479%
10	15.892	2187	2194	2212	rBV	3754320	5912896	50.33%	10.302%
11	17.145	2400	2407	2419	rBV	1923930	2998974	25.53%	5.225%
12	18.045	2554	2560	2568	rBV	1280561	2026235	17.25%	3.530%
13	19.321	2772	2777	2795	rBV	498438	1040829	8.86%	1.813%
14	19.768	2847	2853	2866	rBV	10502481	11748041	100.00%	20.469%
15	21.050	3068	3071	3080	rBV	263277	413830	3.52%	0.721%
16	21.386	3122	3128	3138	rBV	2012364	3140400	26.73%	5.472%
17	24.380	3629	3637	3654	rVB	1192442	3053244	25.99%	5.320%

Sum of corrected areas: 57393688

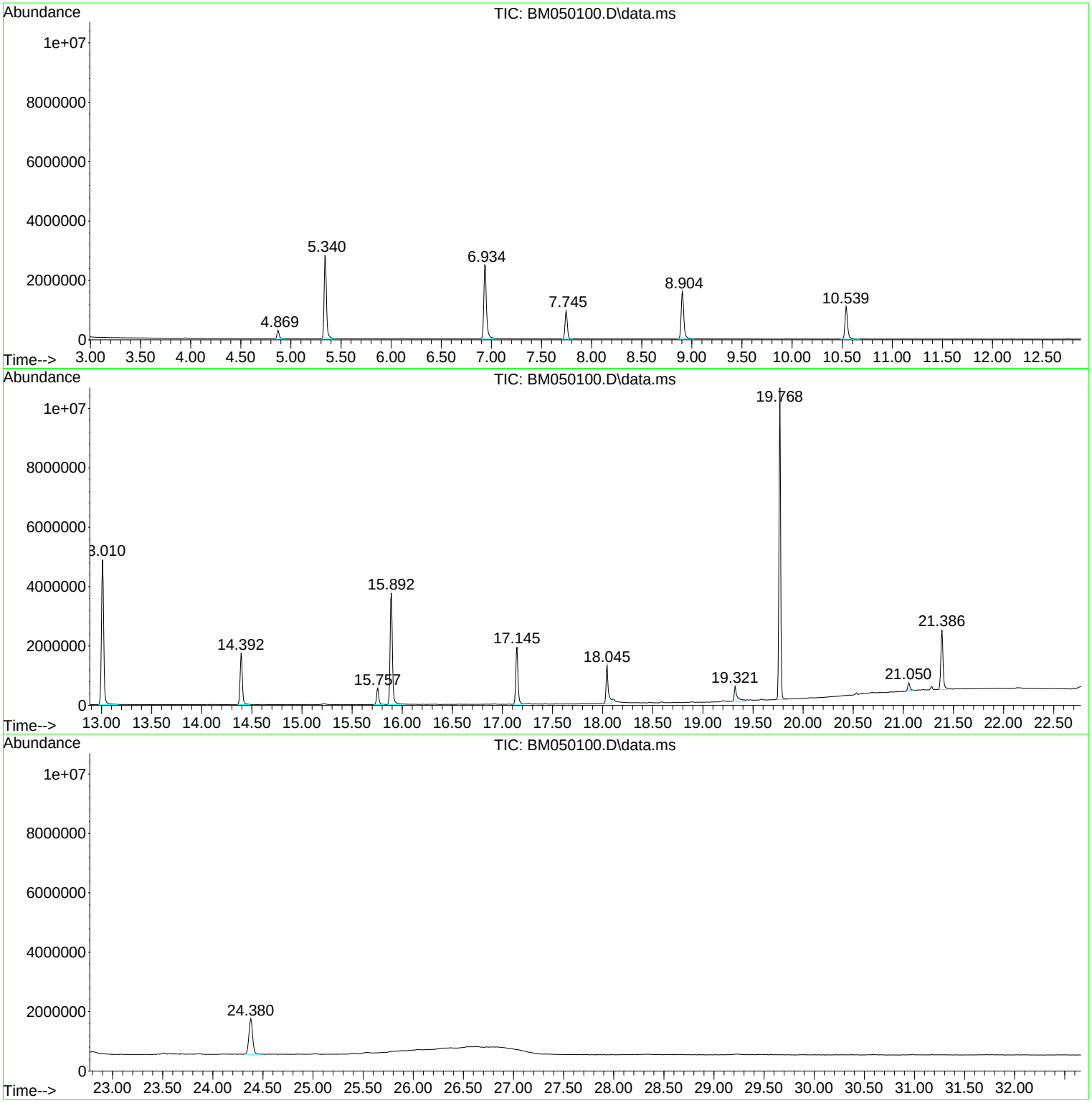
Sample Results: **BM050100.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050100.D
Acq On : 05 May 2025 15:42
Operator : RC/JU
Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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\BM050525\
Data File : BM050100.D
Acq On : 05 May 2025 15:42
Operator : RC/JU
Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

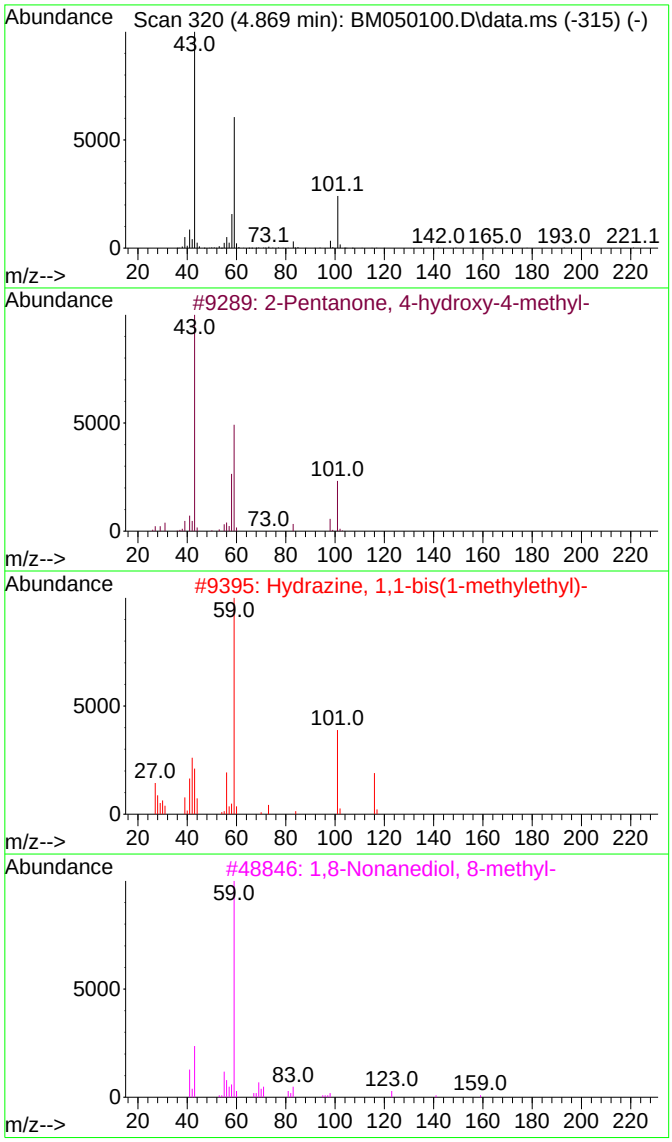
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

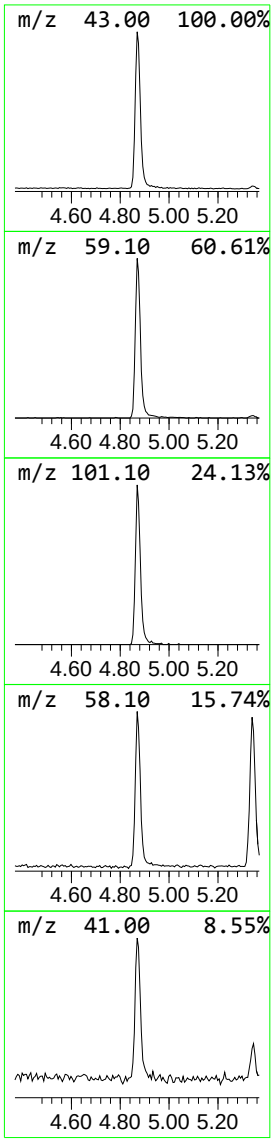
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	5.35 ng	408414	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050100.D
Acq On : 05 May 2025 15:42
Operator : RC/JU
Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

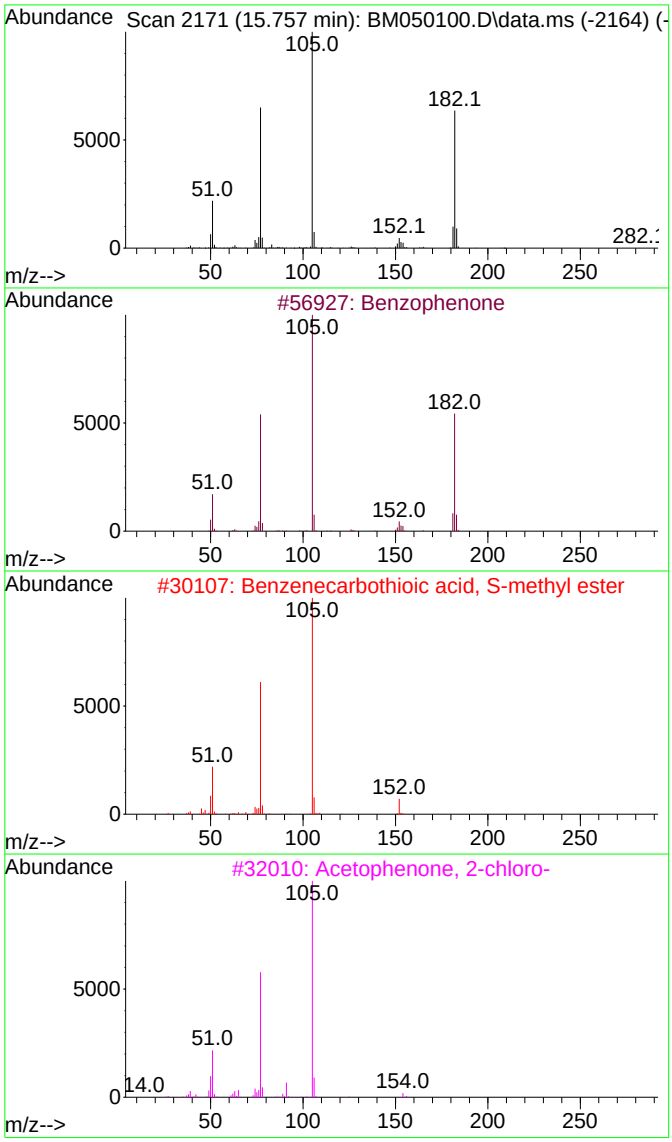
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

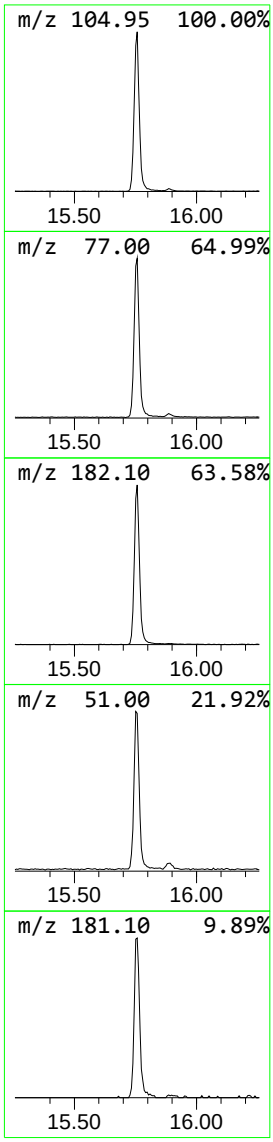
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	6.31 ng	849106	Acenaphthene-d10	14.392

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	47
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	43
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050100.D
Acq On : 05 May 2025 15:42
Operator : RC/JU
Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

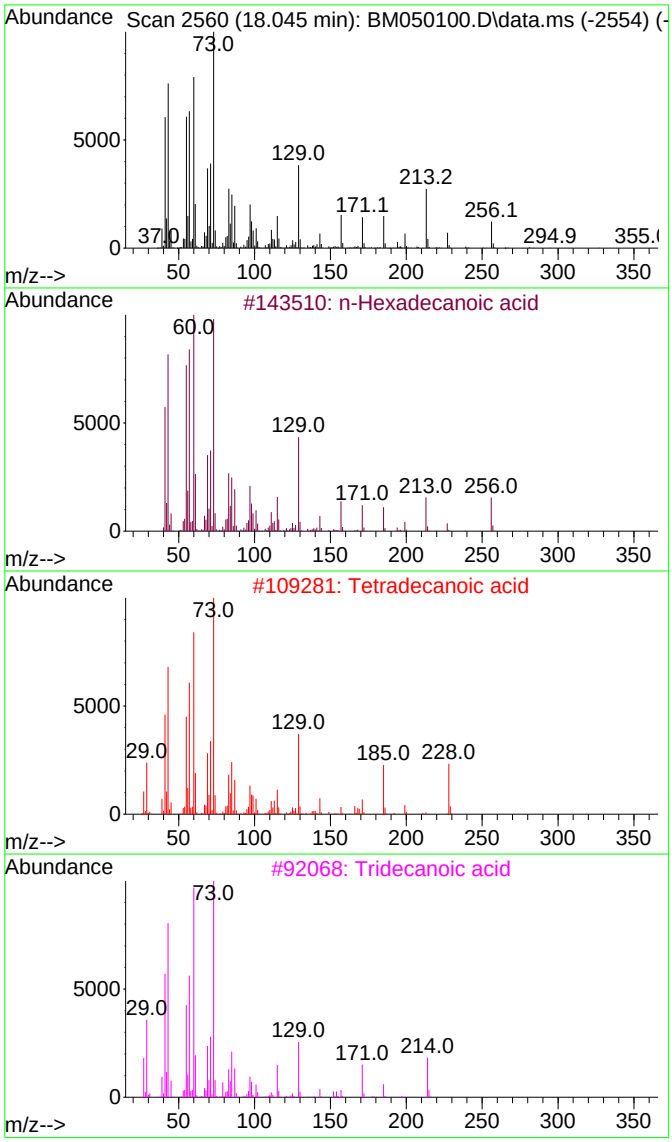
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

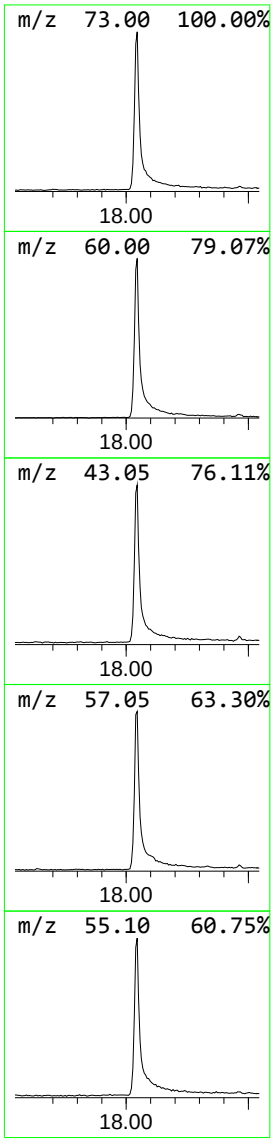
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	13.51 ng	2026240	Phenanthrene-d10	17.145

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	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050100.D
Acq On : 05 May 2025 15:42
Operator : RC/JU
Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

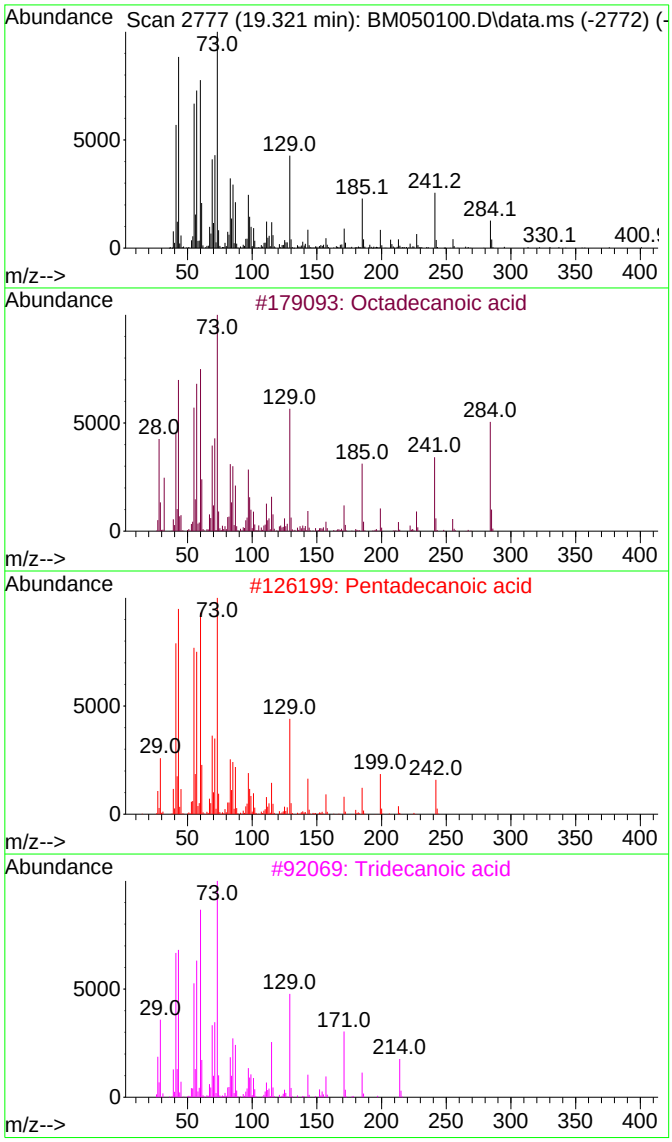
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

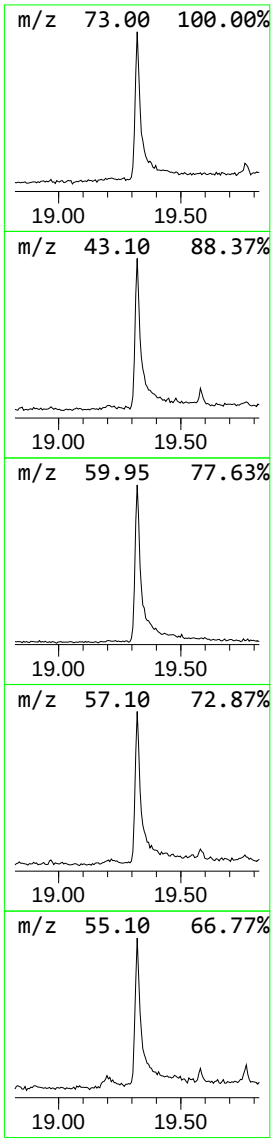
****

Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	6.63 ng	1040830	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050100.D
Acq On : 05 May 2025 15:42
Operator : RC/JU
Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

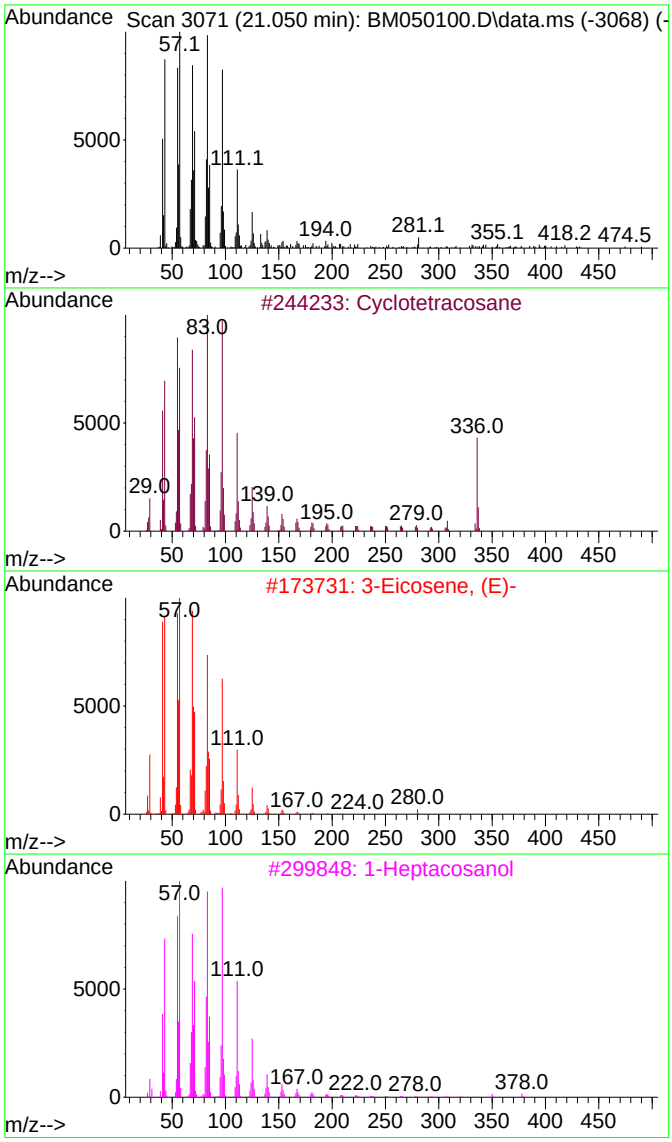
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

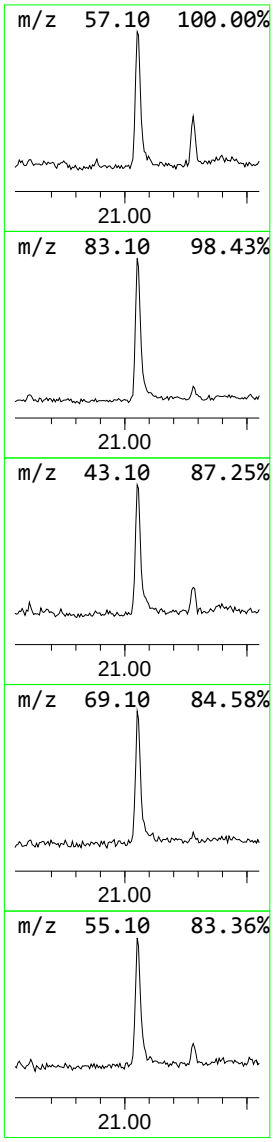
****

Peak Number 5 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.050	2.64 ng	413830	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Sample Results: **BM050100.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050100.D
Acq On : 05 May 2025 15:42
Operator : RC/JU
Sample : Q1937-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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-...	4.869	5.3	ng	408414	1	7.745	1526270	20.0
Benzophenone	15.757	6.3	ng	849106	3	14.392	2692930	20.0
n-Hexadecanoic ...	18.045	13.5	ng	2026240	4	17.145	2998970	20.0
Octadecanoic acid	19.321	6.6	ng	1040830	5	21.386	3140400	20.0
Cyclotetracosane	21.050	2.6	ng	413830	5	21.386	3140400	20.0

Raw Data: **BP024548.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-D	SDG No.:	Q1937
Lab Sample ID:	Q1937-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.6
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
BP024548.D	1	05/05/25 09:35	05/06/25 15:46	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	350	ug/Kg
108-95-2	Phenol	23.3	U	23.3	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.6	U	25.6	180	ug/Kg
95-57-8	2-Chlorophenol	25.7	U	25.7	180	ug/Kg
95-48-7	2-Methylphenol	31.5	U	31.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39.6	U	39.6	180	ug/Kg
98-86-2	Acetophenone	31.1	U	31.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	43.4	U	43.4	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.0	U	50.0	84.4	ug/Kg
67-72-1	Hexachloroethane	18.6	U	18.6	180	ug/Kg
98-95-3	Nitrobenzene	19.3	U	19.3	180	ug/Kg
78-59-1	Isophorone	34.6	U	34.6	180	ug/Kg
88-75-5	2-Nitrophenol	61.4	U	61.4	180	ug/Kg
105-67-9	2,4-Dimethylphenol	68.4	U	68.4	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	32.5	U	32.5	180	ug/Kg
120-83-2	2,4-Dichlorophenol	29.9	U	29.9	180	ug/Kg
91-20-3	Naphthalene	23.9	U	23.9	180	ug/Kg
106-47-8	4-Chloroaniline	37.3	UQ	37.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.7	U	26.7	180	ug/Kg
105-60-2	Caprolactam	55.0	U	55.0	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.3	U	30.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.0	U	27.0	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20.9	U	20.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.7	U	30.7	180	ug/Kg
92-52-4	1,1-Biphenyl	23.0	U	23.0	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.7	U	23.7	180	ug/Kg
88-74-4	2-Nitroaniline	50.7	U	50.7	180	ug/Kg
131-11-3	Dimethylphthalate	28.6	U	28.6	180	ug/Kg

Raw Data: **BP024548.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-D	SDG No.:	Q1937
Lab Sample ID:	Q1937-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.6
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
BP024548.D	1	05/05/25 09:35	05/06/25 15:46	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	30.5	U	30.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	35.4	U	35.4	180	ug/Kg
99-09-2	3-Nitroaniline	48.5	U	48.5	180	ug/Kg
83-32-9	Acenaphthene	22.5	U	22.5	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	350	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	350	ug/Kg
132-64-9	Dibenzofuran	23.9	U	23.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	52.9	U	52.9	180	ug/Kg
84-66-2	Diethylphthalate	29.9	U	29.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.2	U	28.2	180	ug/Kg
86-73-7	Fluorene	26.7	U	26.7	180	ug/Kg
100-01-6	4-Nitroaniline	67.7	U	67.7	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	34.7	U	34.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.3	U	29.3	180	ug/Kg
118-74-1	Hexachlorobenzene	26.7	U	26.7	180	ug/Kg
1912-24-9	Atrazine	35.9	U	35.9	180	ug/Kg
87-86-5	Pentachlorophenol	54.1	U	54.1	350	ug/Kg
85-01-8	Phenanthrene	22.0	U	22.0	180	ug/Kg
120-12-7	Anthracene	35.1	U	35.1	180	ug/Kg
86-74-8	Carbazole	32.9	U	32.9	180	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	180	ug/Kg
206-44-0	Fluoranthene	31.6	U	31.6	180	ug/Kg
129-00-0	Pyrene	38.0	U	38.0	180	ug/Kg
85-68-7	Butylbenzylphthalate	75.3	U	75.3	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38.7	UQ	38.7	350	ug/Kg
56-55-3	Benzo(a)anthracene	24.3	U	24.3	180	ug/Kg
218-01-9	Chrysene	21.0	U	21.0	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.5	U	62.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	91.6	U	91.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.0	U	20.0	180	ug/Kg

Raw Data: **BP024548.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-D	SDG No.:	Q1937
Lab Sample ID:	Q1937-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.6
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
BP024548.D	1	05/05/25 09:35	05/06/25 15:46	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	23.6	U	23.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	31.1	U	31.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30.7	U	30.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28.9	U	28.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.1	U	27.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.0	U	27.0	180	ug/Kg
123-91-1	1,4-Dioxane	47.7	U	47.7	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	28.9	U	28.9	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	82.1		30 (18) - 130 (112)	55%	SPK: 150
13127-88-3	Phenol-d6	76.9		30 (15) - 130 (107)	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.6		30 (18) - 130 (107)	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.7		30 (20) - 130 (109)	55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.8		30 (10) - 130 (116)	65%	SPK: 150
1718-51-0	Terphenyl-d14	56.0		30 (10) - 130 (105)	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	168000	7.705			
1146-65-2	Naphthalene-d8	685000	10.475			
15067-26-2	Acenaphthene-d10	426000	14.334			
1517-22-2	Phenanthrene-d10	846000	17.133			
1719-03-5	Chrysene-d12	996000	21.569			
1520-96-3	Perylene-d12	1160000	24.91			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	AB		4.88	ug/Kg
000119-61-9	Benzophenone	250	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	210	J		18.1	ug/Kg
018435-45-5	1-Nonadecene	82.6	J		21.2	ug/Kg

Raw Data: **BP024548.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-D	SDG No.:	Q1937
Lab Sample ID:	Q1937-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.6
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
BP024548.D	1	05/05/25 09:35	05/06/25 15:46	PB167857

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: **BP024548.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024548.D
Acq On : 06 May 2025 15:46
Operator : RC/JU
Sample : Q1937-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Quant Time: May 06 16:58:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

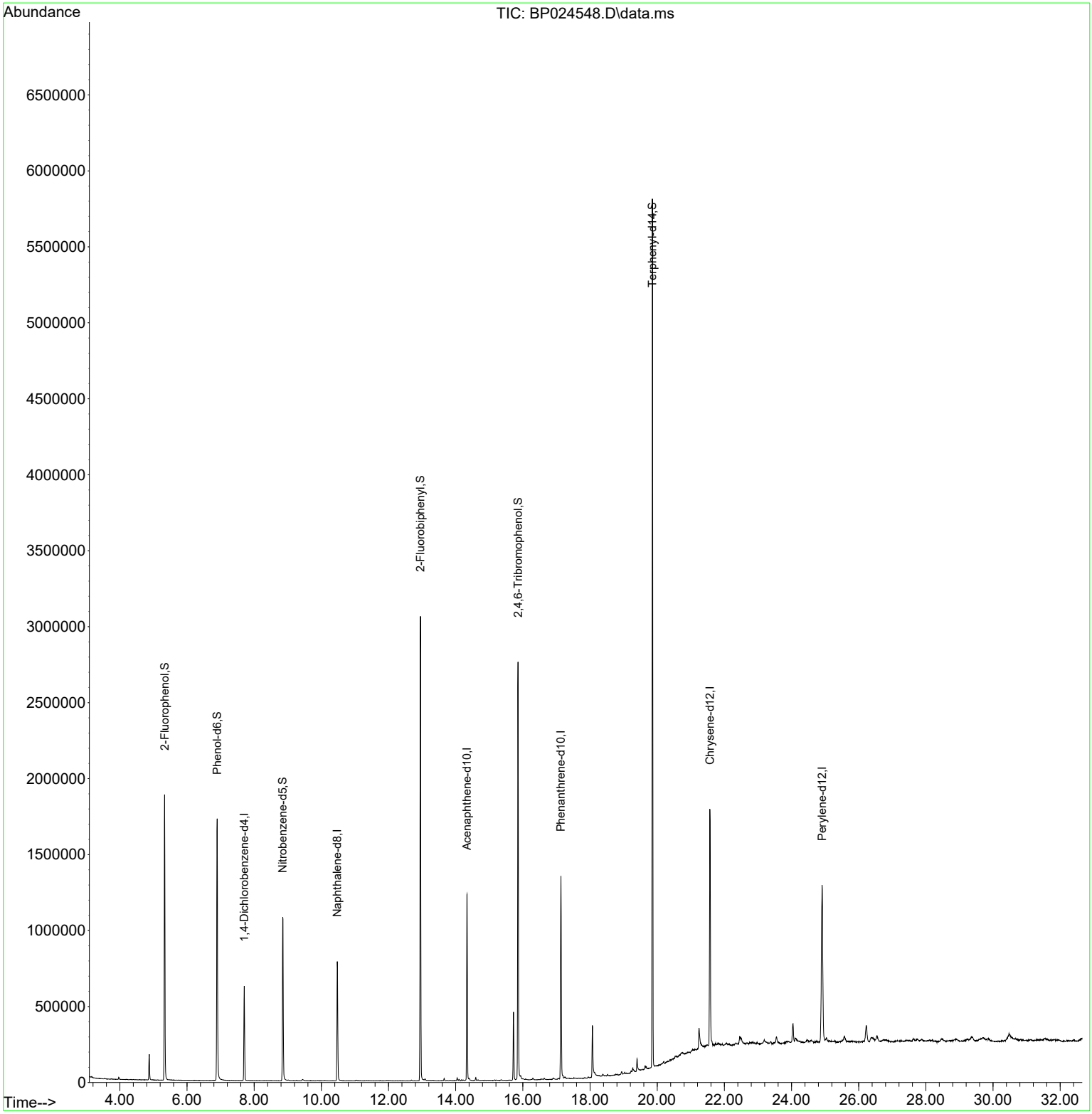
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	167576	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	684500	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	426463	20.000	ng	-0.02
64) Phenanthrene-d10	17.133	188	845765	20.000	ng	-0.01
76) Chrysene-d12	21.569	240	995531	20.000	ng	-0.02
86) Perylene-d12	24.910	264	1155366	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	831891	82.082	ng	-0.01
7) Phenol-d6	6.899	99	1066593	76.858	ng	-0.01
23) Nitrobenzene-d5	8.852	82	654974	54.562	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	577164	97.819	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1523267	54.689	ng	-0.01
79) Terphenyl-d14	19.857	244	2766375	56.010	ng	-0.02
Target Compounds						Qvalue

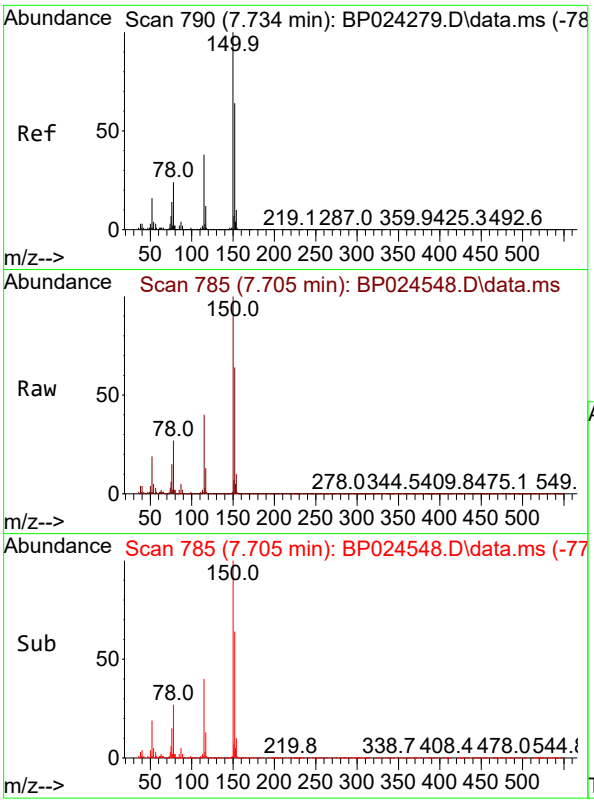
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024548.D
Acq On : 06 May 2025 15:46
Operator : RC/JU
Sample : Q1937-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Quant Time: May 06 16:58:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



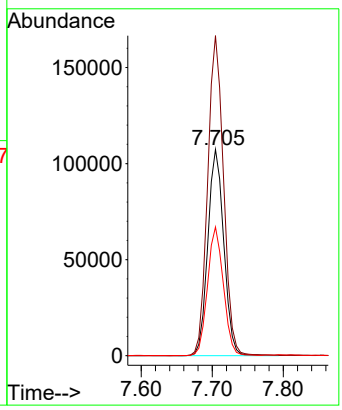


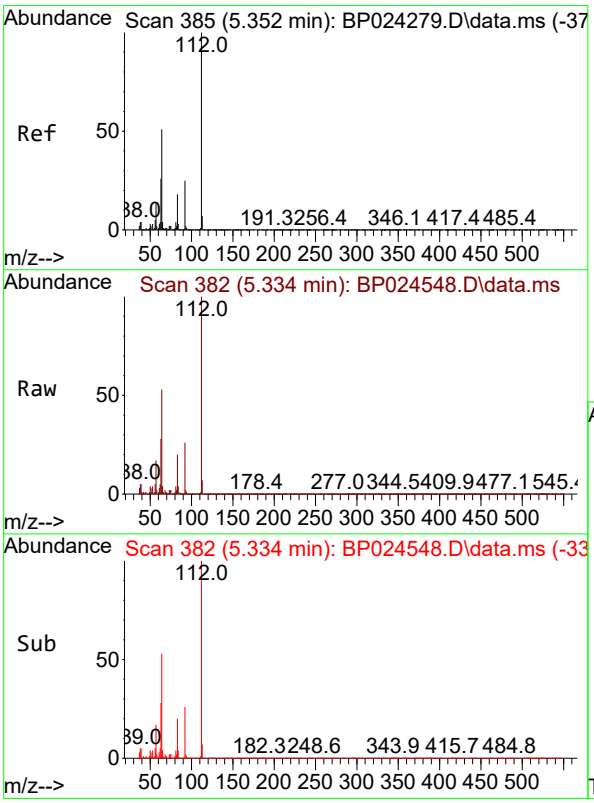
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Tgt Ion:152 Resp: 167576

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	62.4	47.7	71.5

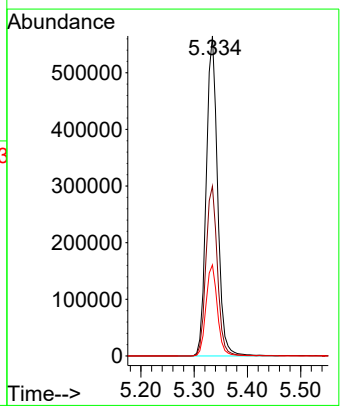


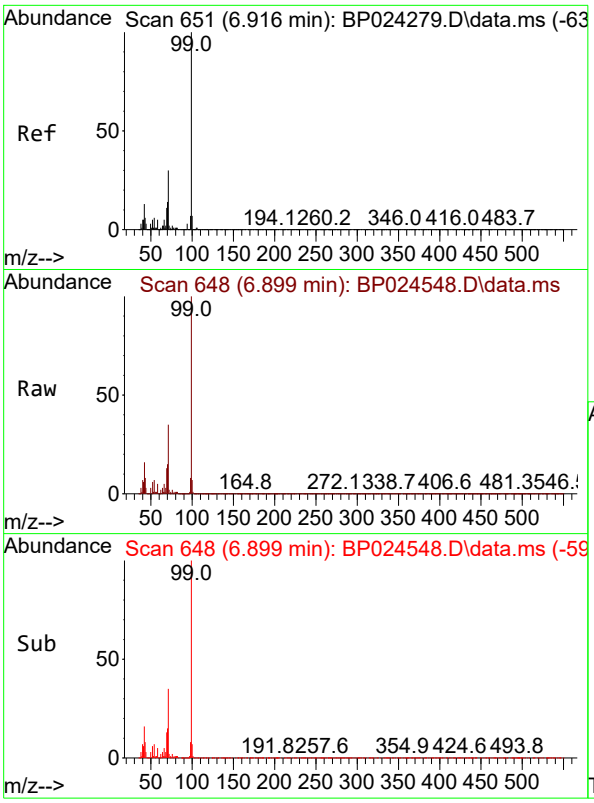


#5
2-Fluorophenol
Concen: 82.082 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:112 Resp: 831891

Ion	Ratio	Lower	Upper
112	100		
64	53.0	41.1	61.7
63	28.5	20.6	30.8



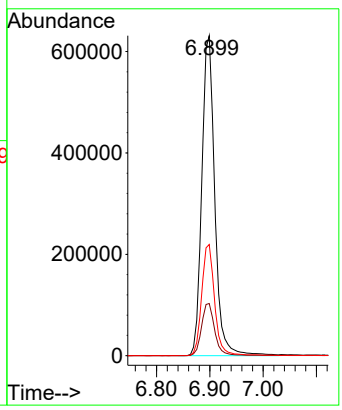


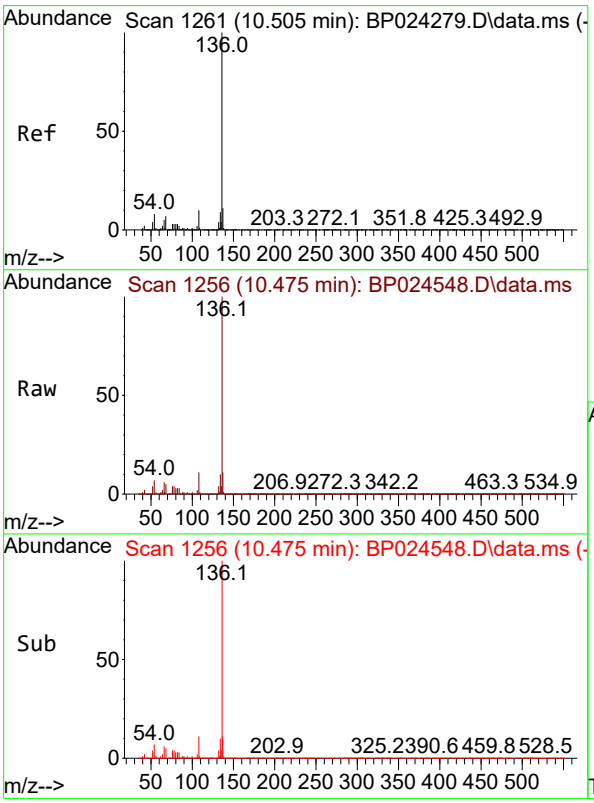
#7
Phenol-d6
Concen: 76.858 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Tgt Ion: 99 Resp: 1066593

Ion	Ratio	Lower	Upper
99	100		
42	16.3	10.6	16.0#
71	34.8	23.7	35.5

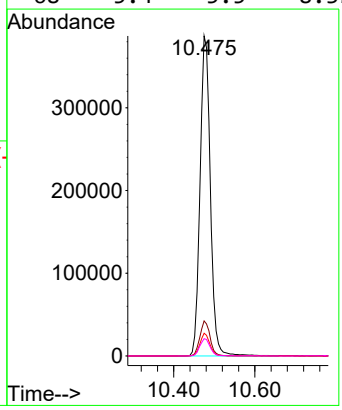


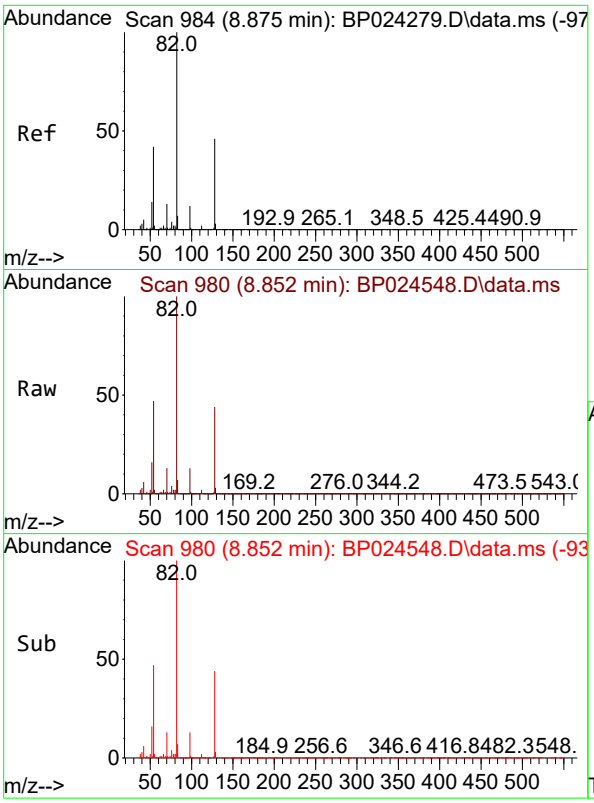


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:136 Resp: 684500

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.1	6.0	9.0
68	5.4	5.5	8.3#



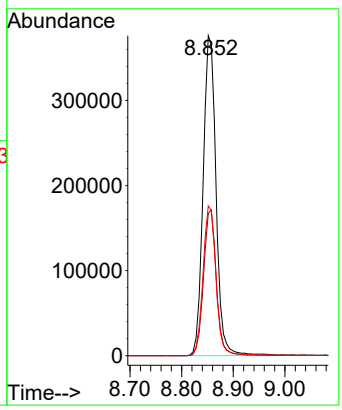


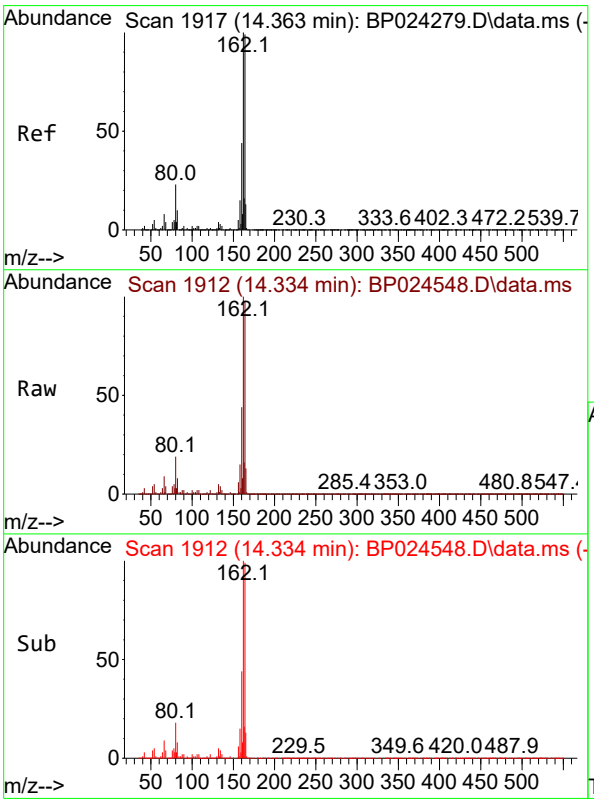
#23
Nitrobenzene-d5
Concen: 54.562 ng
RT: 8.852 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Tgt Ion: 82 Resp: 654974

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.5	54.7
54	46.8	33.4	50.2

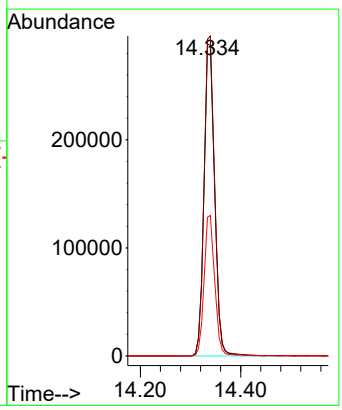


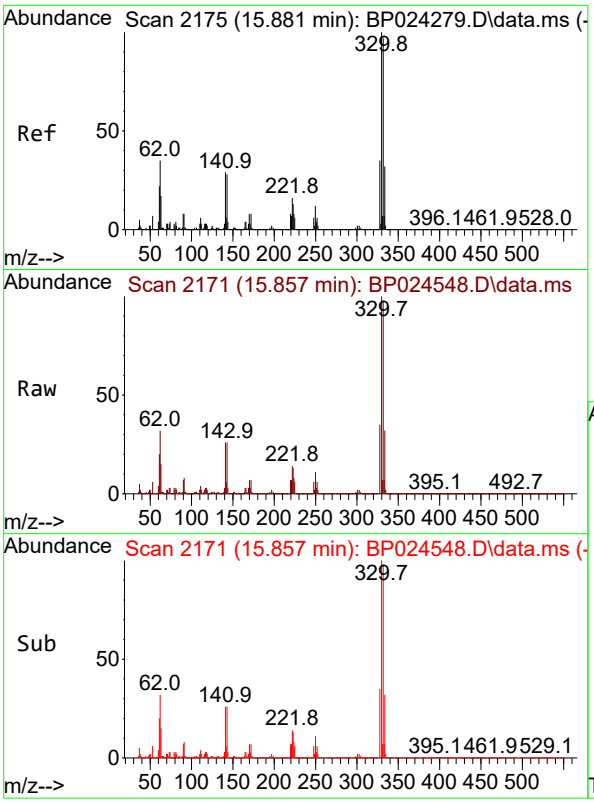


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:164 Resp: 426463

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	44.5	35.3	52.9



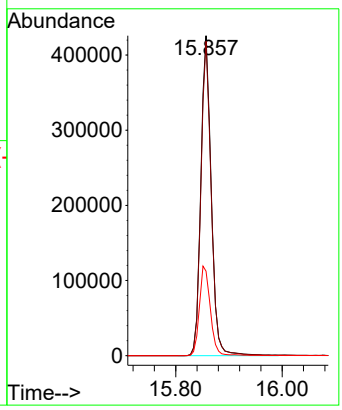


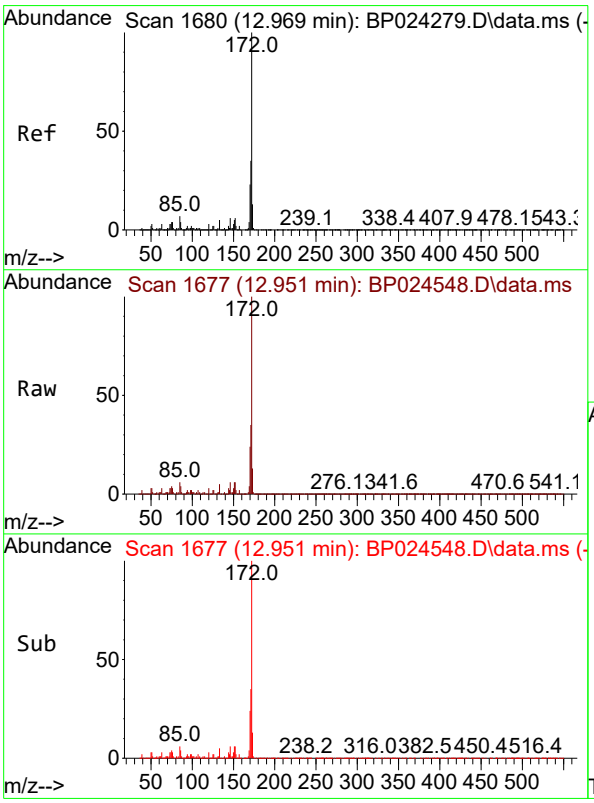
#42
2,4,6-Tribromophenol
Concen: 97.819 ng
RT: 15.857 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Tgt Ion:330 Resp: 577164

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	29.6	24.7	37.1

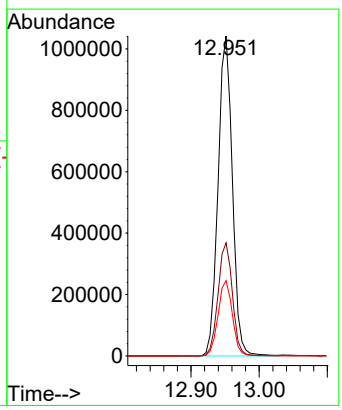


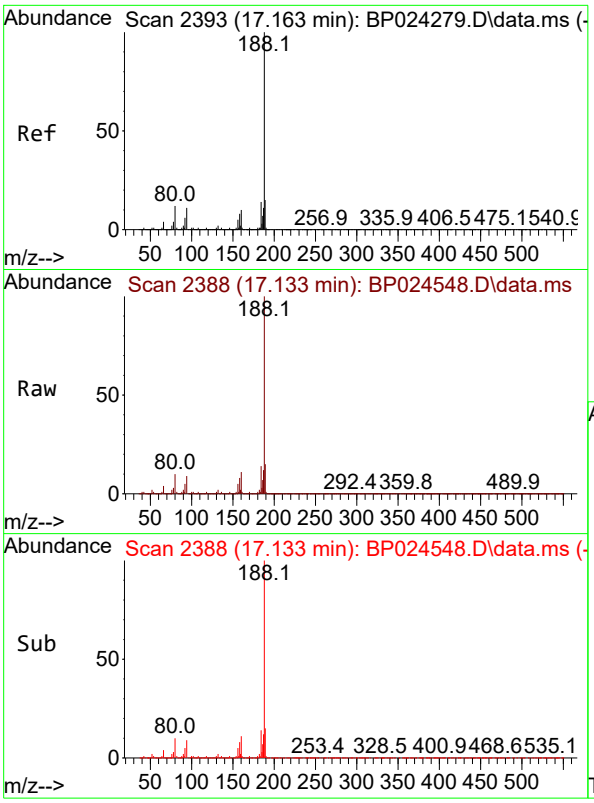


#45
2-Fluorobiphenyl
Concen: 54.689 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:172 Resp: 1523267

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.5	18.6	27.8



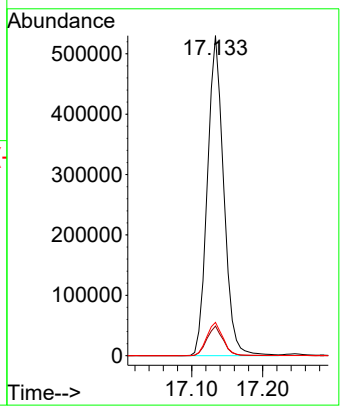


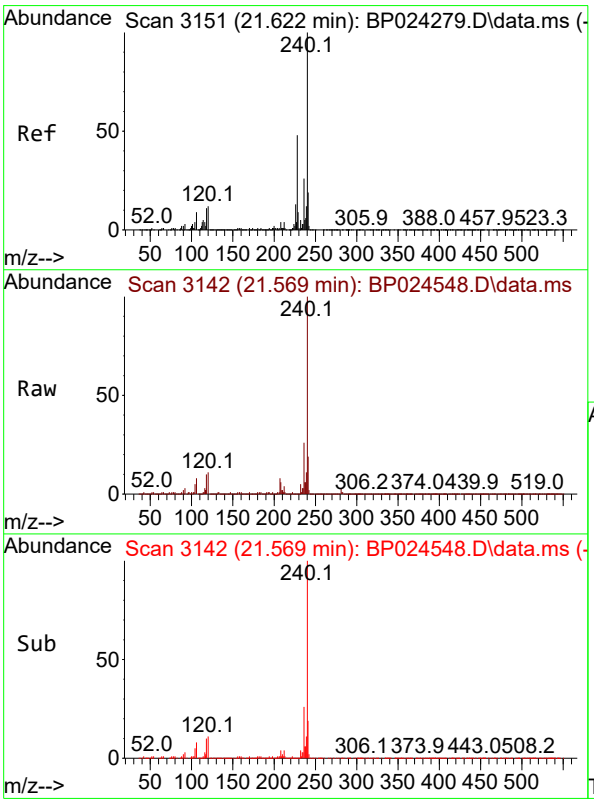
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Tgt Ion:188 Resp: 845765

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.6	13.0
80	10.4	9.8	14.6

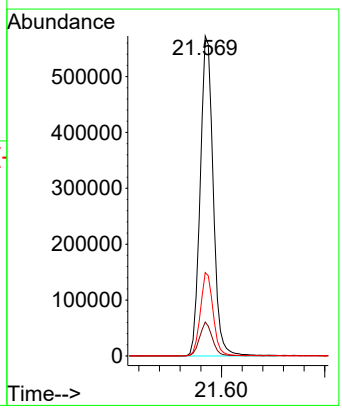


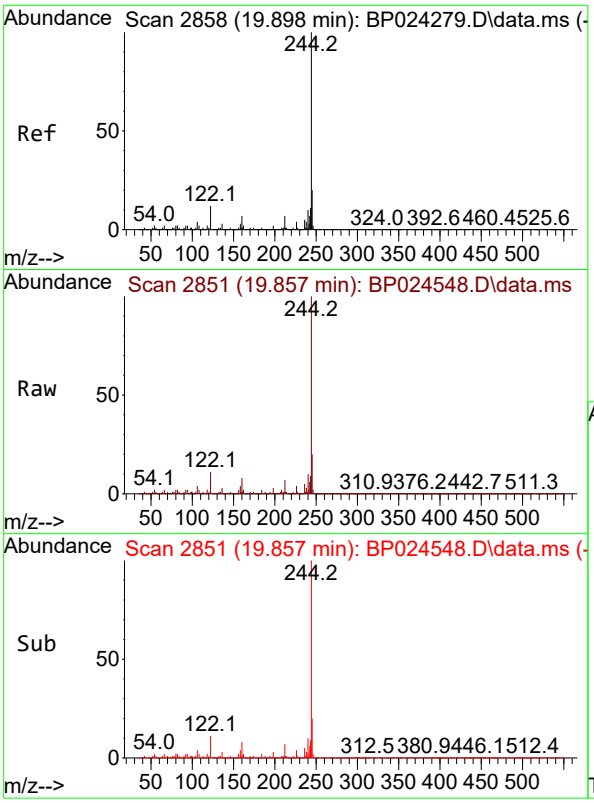


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3142
Delta R.T. -0.023 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:240 Resp: 995531

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.8	14.8
236	26.1	20.9	31.3



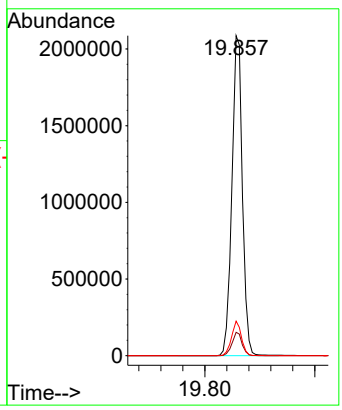


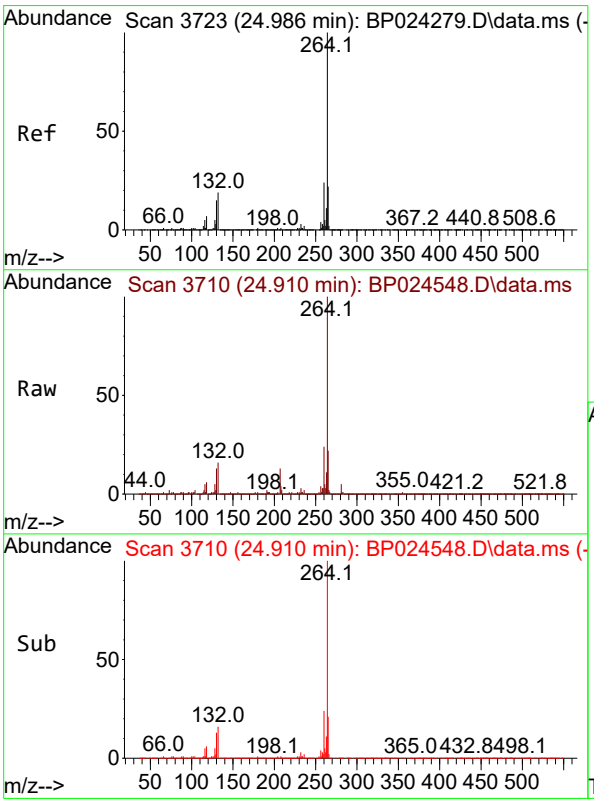
#79
Terphenyl-d14
Concen: 56.010 ng
RT: 19.857 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Tgt Ion:244 Resp: 2766375

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	10.8	9.4	14.0

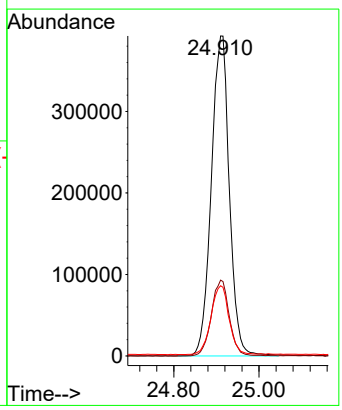




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.910 min Scan# 3710
Delta R.T. -0.023 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:264 Resp: 1155366

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.0	17.8	26.6



Sample Results: **BP024548.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024548.D
Acq On : 06 May 2025 15:46
Operator : RC/JU
Sample : Q1937-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024548.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	298	304	314	rBV	168641	237598	3.17%	0.635%
2	5.334	375	382	396	rBV	1879035	2775469	37.05%	7.418%
3	6.899	640	648	669	rBV	1720682	2928540	39.10%	7.828%
4	7.705	778	785	795	rBV	622607	971643	12.97%	2.597%
5	8.852	972	980	997	rBV	1078062	1894547	25.29%	5.064%
6	10.475	1247	1256	1270	rBV	785260	1377245	18.39%	3.681%
7	12.951	1669	1677	1690	rBV	3057191	4497252	60.04%	12.021%
8	14.340	1906	1913	1921	rBV	1223410	1810556	24.17%	4.839%
9	15.722	2139	2148	2158	rBV	449473	647541	8.65%	1.731%
10	15.857	2163	2171	2181	rBV	2744826	3901004	52.08%	10.427%
11	17.133	2381	2388	2396	rBV2	1335756	2147315	28.67%	5.739%
12	18.069	2542	2547	2557	rBV	342015	634194	8.47%	1.695%
13	19.398	2770	2773	2784	rBV	78493	137924	1.84%	0.369%
14	19.857	2845	2851	2863	rBV	5716797	7490282	100.00%	20.020%
15	21.245	3083	3087	3098	rBV3	128823	318637	4.25%	0.852%
16	21.569	3136	3142	3157	rVB2	1554467	2715874	36.26%	7.259%
17	24.910	3701	3710	3724	rVB2	1021959	2927469	39.08%	7.825%

Sum of corrected areas: 37413090

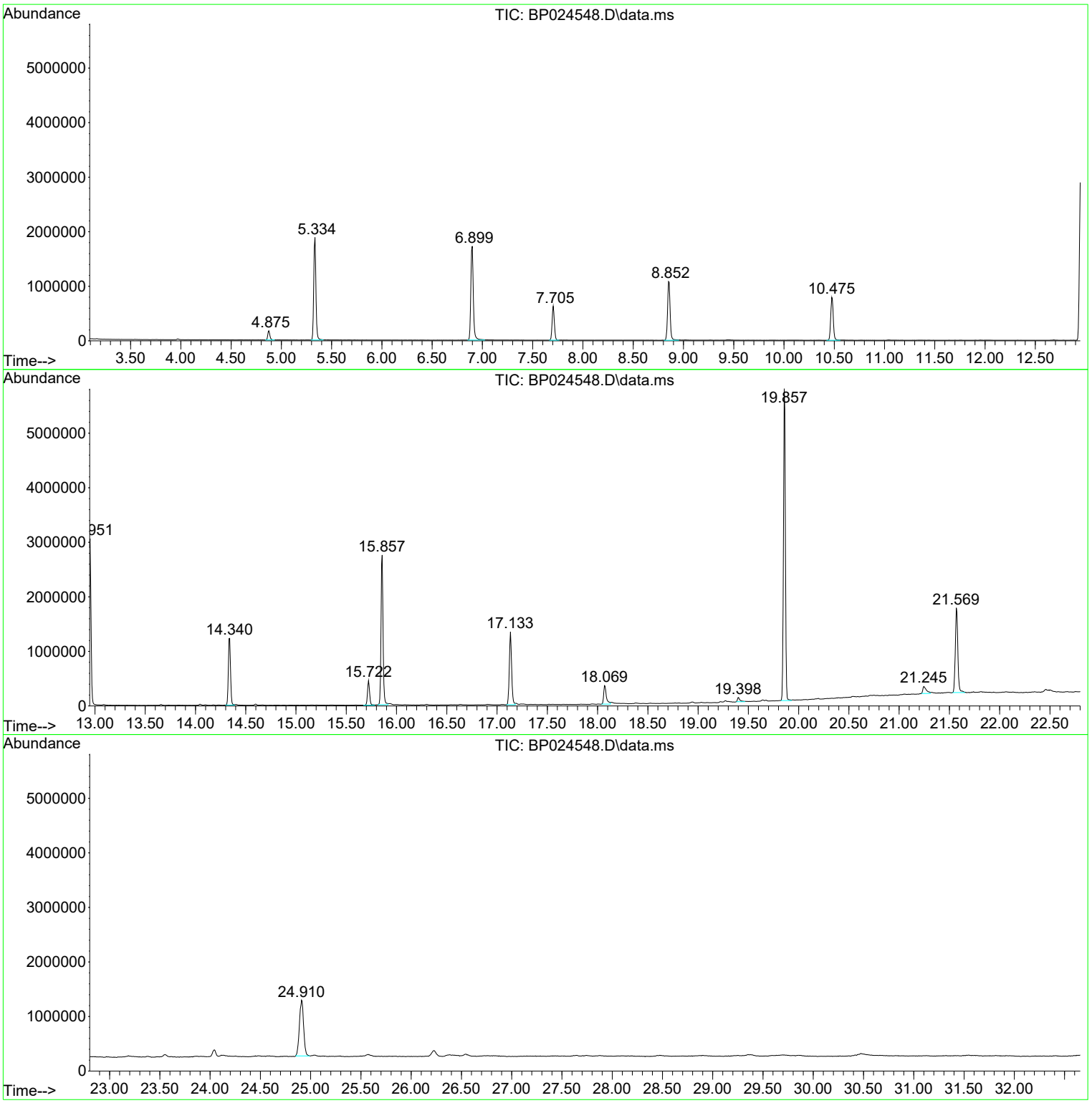
Sample Results: **BP024548.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024548.D
Acq On : 06 May 2025 15:46
Operator : RC/JU
Sample : Q1937-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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\BP050625\
Data File : BP024548.D
Acq On : 06 May 2025 15:46
Operator : RC/JU
Sample : Q1937-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

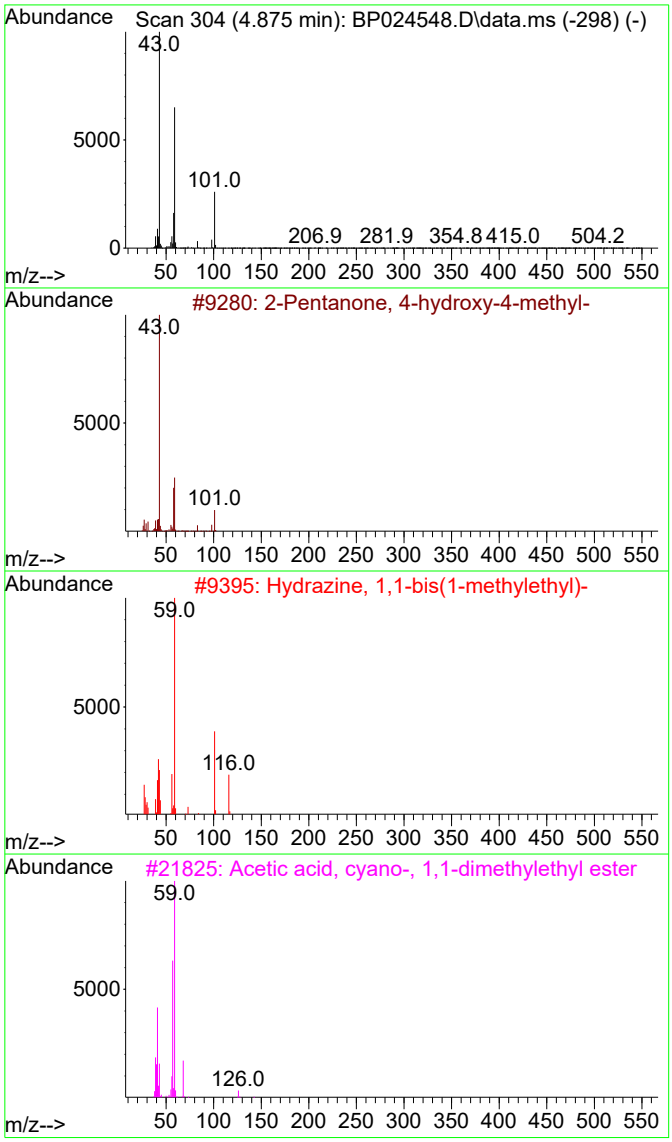
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

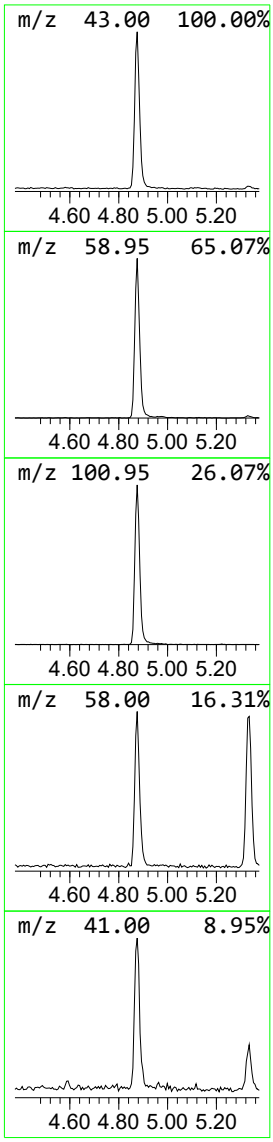
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	4.89 ng	237598	1,4-Dichlorobenzene-d4	7.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024548.D
Acq On : 06 May 2025 15:46
Operator : RC/JU
Sample : Q1937-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

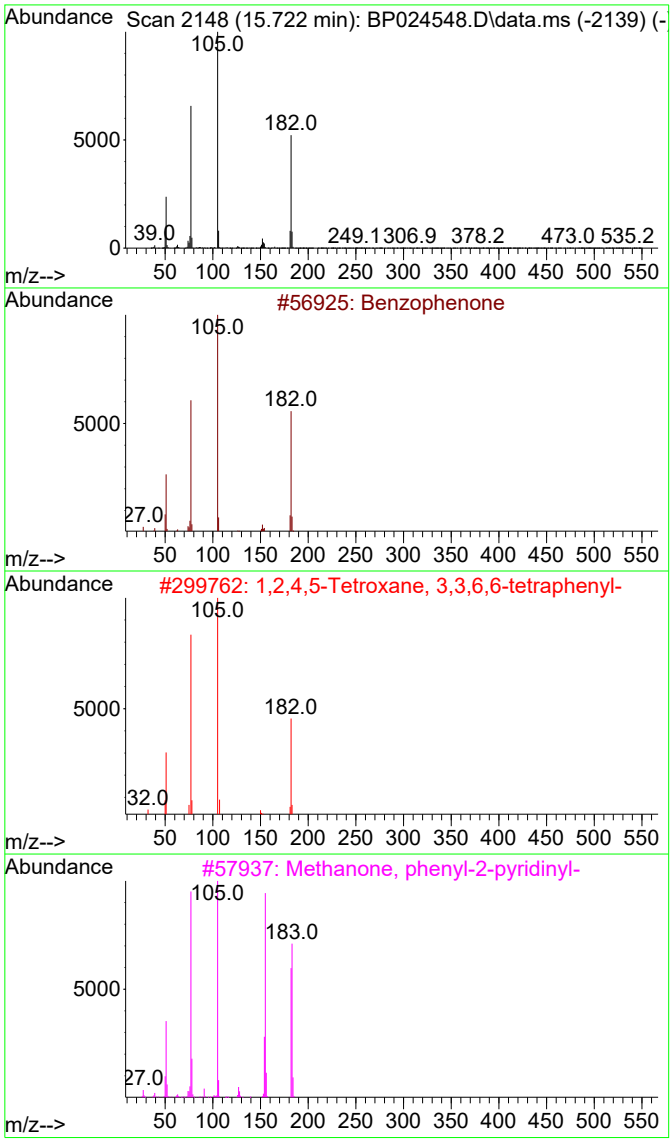
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

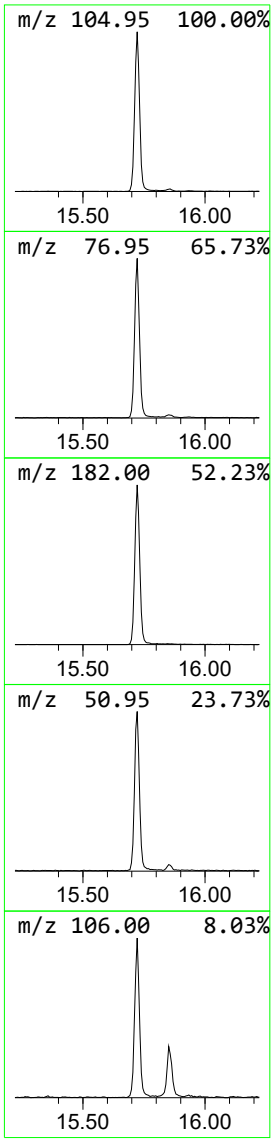
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	7.15 ng	647541	Acenaphthene-d10	14.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	Azobenzene	182	C12H10N2	000103-33-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024548.D
Acq On : 06 May 2025 15:46
Operator : RC/JU
Sample : Q1937-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

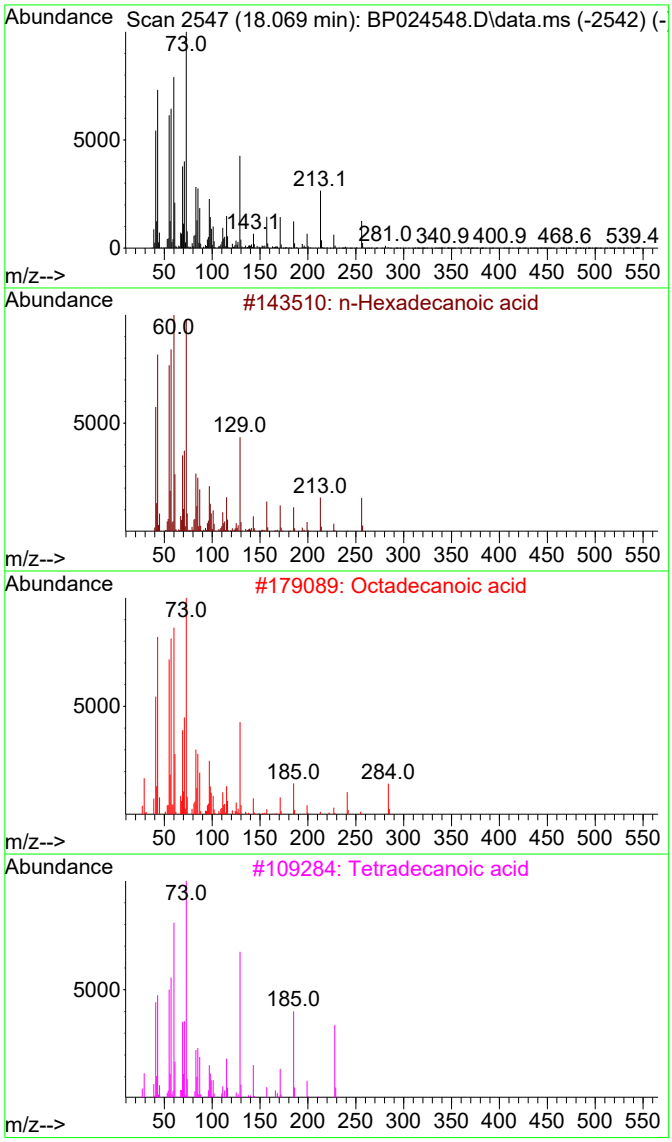
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

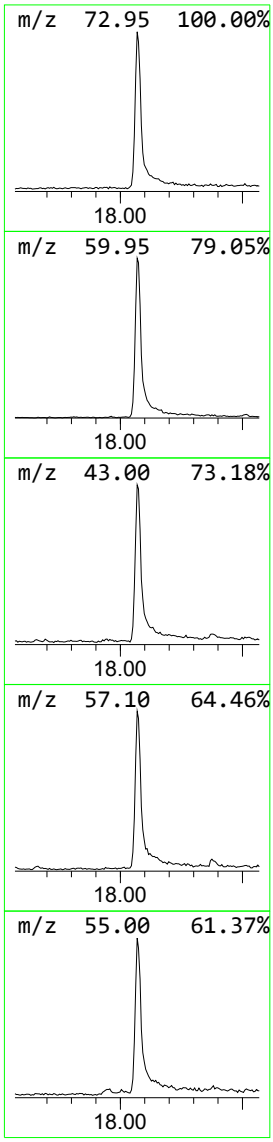
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	5.91 ng	634194	Phenanthrene-d10	17.134

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024548.D
Acq On : 06 May 2025 15:46
Operator : RC/JU
Sample : Q1937-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

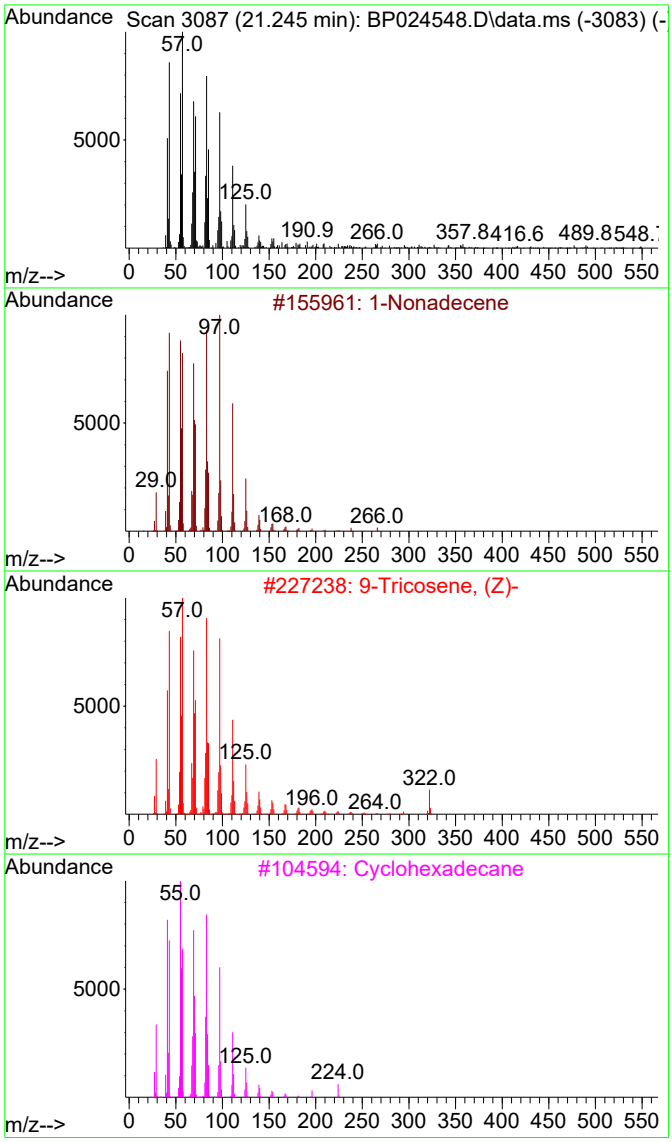
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

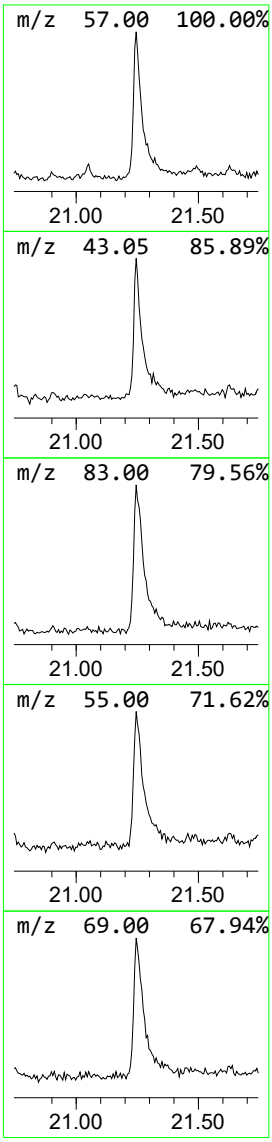
****

Peak Number 4 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	2.35 ng	318637	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Sample Results: **BP024548.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024548.D
Acq On : 06 May 2025 15:46
Operator : RC/JU
Sample : Q1937-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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-...	4.875	4.9	ng	237598	1	7.705	971643	20.0
Benzophenone	15.722	7.2	ng	647541	3	14.334	1810560	20.0
n-Hexadecanoic ...	18.069	5.9	ng	634194	4	17.134	2147320	20.0
1-Nonadecene	21.245	2.4	ng	318637	5	21.569	2715870	20.0

Raw Data: **BM050119.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-E	SDG No.:	Q1937
Lab Sample ID:	Q1937-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050119.D	1	05/05/25 09:35	05/06/25 14:41	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	360	ug/Kg
108-95-2	Phenol	23.9	U	23.9	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.3	U	26.3	180	ug/Kg
95-57-8	2-Chlorophenol	26.4	U	26.4	180	ug/Kg
95-48-7	2-Methylphenol	32.3	U	32.3	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40.5	U	40.5	180	ug/Kg
98-86-2	Acetophenone	31.9	U	31.9	180	ug/Kg
65794-96-9	3+4-Methylphenols	44.4	U	44.4	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.2	U	51.2	86.4	ug/Kg
67-72-1	Hexachloroethane	19.0	U	19.0	180	ug/Kg
98-95-3	Nitrobenzene	19.8	U	19.8	180	ug/Kg
78-59-1	Isophorone	35.4	U	35.4	180	ug/Kg
88-75-5	2-Nitrophenol	62.9	U	62.9	180	ug/Kg
105-67-9	2,4-Dimethylphenol	70.0	U	70.0	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	33.3	U	33.3	180	ug/Kg
120-83-2	2,4-Dichlorophenol	30.6	U	30.6	180	ug/Kg
91-20-3	Naphthalene	24.5	U	24.5	180	ug/Kg
106-47-8	4-Chloroaniline	38.3	UQ	38.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	27.3	U	27.3	180	ug/Kg
105-60-2	Caprolactam	56.3	U	56.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.0	U	31.0	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.7	U	27.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.4	U	21.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	31.4	U	31.4	180	ug/Kg
92-52-4	1,1-Biphenyl	23.6	U	23.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	24.3	U	24.3	180	ug/Kg
88-74-4	2-Nitroaniline	52.0	U	52.0	180	ug/Kg
131-11-3	Dimethylphthalate	29.3	U	29.3	180	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-E	SDG No.:	Q1937
Lab Sample ID:	Q1937-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050119.D	1	05/05/25 09:35	05/06/25 14:41	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	31.2	U	31.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	36.3	U	36.3	180	ug/Kg
99-09-2	3-Nitroaniline	49.7	U	49.7	180	ug/Kg
83-32-9	Acenaphthene	23.0	U	23.0	180	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	360	ug/Kg
132-64-9	Dibenzofuran	24.5	U	24.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.1	U	54.1	180	ug/Kg
84-66-2	Diethylphthalate	30.6	U	30.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.9	U	28.9	180	ug/Kg
86-73-7	Fluorene	27.3	U	27.3	180	ug/Kg
100-01-6	4-Nitroaniline	69.4	U	69.4	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	35.5	U	35.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.0	U	30.0	180	ug/Kg
118-74-1	Hexachlorobenzene	27.3	U	27.3	180	ug/Kg
1912-24-9	Atrazine	36.7	U	36.7	180	ug/Kg
87-86-5	Pentachlorophenol	55.4	U	55.4	360	ug/Kg
85-01-8	Phenanthrene	22.6	U	22.6	180	ug/Kg
120-12-7	Anthracene	36.0	U	36.0	180	ug/Kg
86-74-8	Carbazole	33.7	U	33.7	180	ug/Kg
84-74-2	Di-n-butylphthalate	51.8	U	51.8	180	ug/Kg
206-44-0	Fluoranthene	32.4	U	32.4	180	ug/Kg
129-00-0	Pyrene	38.9	U	38.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	77.2	U	77.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39.7	UQ	39.7	360	ug/Kg
56-55-3	Benzo(a)anthracene	24.9	U	24.9	180	ug/Kg
218-01-9	Chrysene	21.5	U	21.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64.0	U	64.0	180	ug/Kg
117-84-0	Di-n-octyl phthalate	93.8	U	93.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.5	U	20.5	180	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-E	SDG No.:	Q1937
Lab Sample ID:	Q1937-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050119.D	1	05/05/25 09:35	05/06/25 14:41	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.2	U	24.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	31.9	U	31.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31.4	U	31.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29.6	U	29.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.8	U	27.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.7	U	27.7	180	ug/Kg
123-91-1	1,4-Dioxane	48.8	U	48.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29.6	U	29.6	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	90.4		30 (18) - 130 (112)	60%	SPK: 150
13127-88-3	Phenol-d6	89.3		30 (15) - 130 (107)	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.0		30 (18) - 130 (107)	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.9		30 (20) - 130 (109)	52%	SPK: 100
118-79-6	2,4,6-Tribromophenol	94.1		30 (10) - 130 (116)	63%	SPK: 150
1718-51-0	Terphenyl-d14	59.1		30 (10) - 130 (105)	59%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	305000	7.745			
1146-65-2	Naphthalene-d8	1100000	10.539			
15067-26-2	Acenaphthene-d10	735000	14.392			
1517-22-2	Phenanthrene-d10	1450000	17.139			
1719-03-5	Chrysene-d12	1330000	21.386			
1520-96-3	Perylene-d12	1360000	24.374			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	AB		4.87	ug/Kg
000119-61-9	Benzophenone	250	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	530	J		18.0	ug/Kg
000057-11-4	Octadecanoic acid	96.5	J		19.3	ug/Kg
001599-67-3	1-Docosene	190	J		21.1	ug/Kg
013187-99-0	2-Bromo dodecane	130	J		23.5	ug/Kg

Alliance TECHNICAL GROUP

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Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-E	SDG No.:	Q1937
Lab Sample ID:	Q1937-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050119.D	1	05/05/25 09:35	05/06/25 14:41	PB167857

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\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Quant Time: May 06 15:20:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

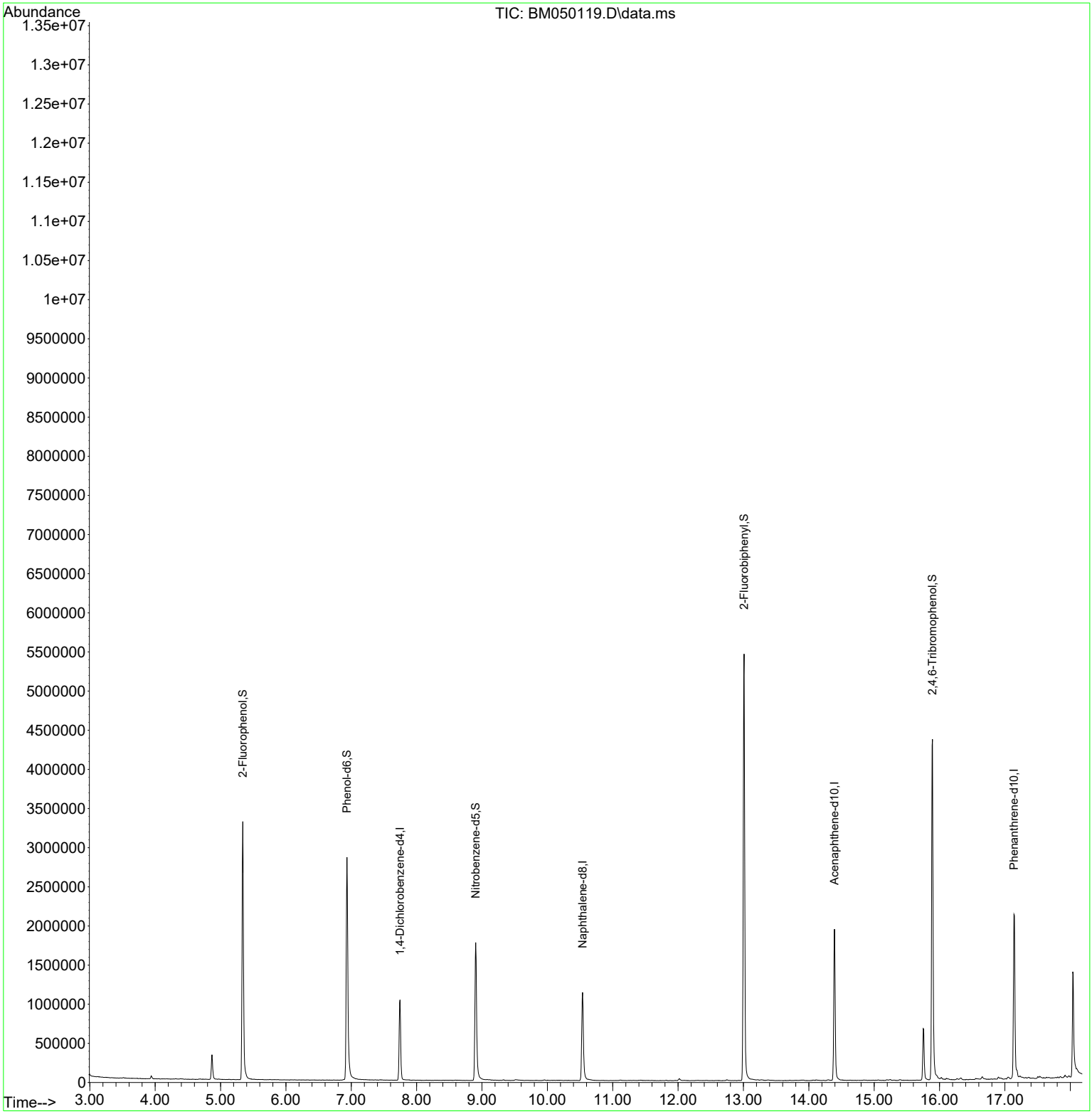
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	305398	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	1098426	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	735430	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1445019	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1331447	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1358259	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1576364	90.385	ng	-0.02
7) Phenol-d6	6.934	99	1956475	89.253	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1181880	53.020	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1023324	94.105	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3226992	51.908	ng	-0.02
79) Terphenyl-d14	19.768	244	5314478	59.064	ng	-0.01
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

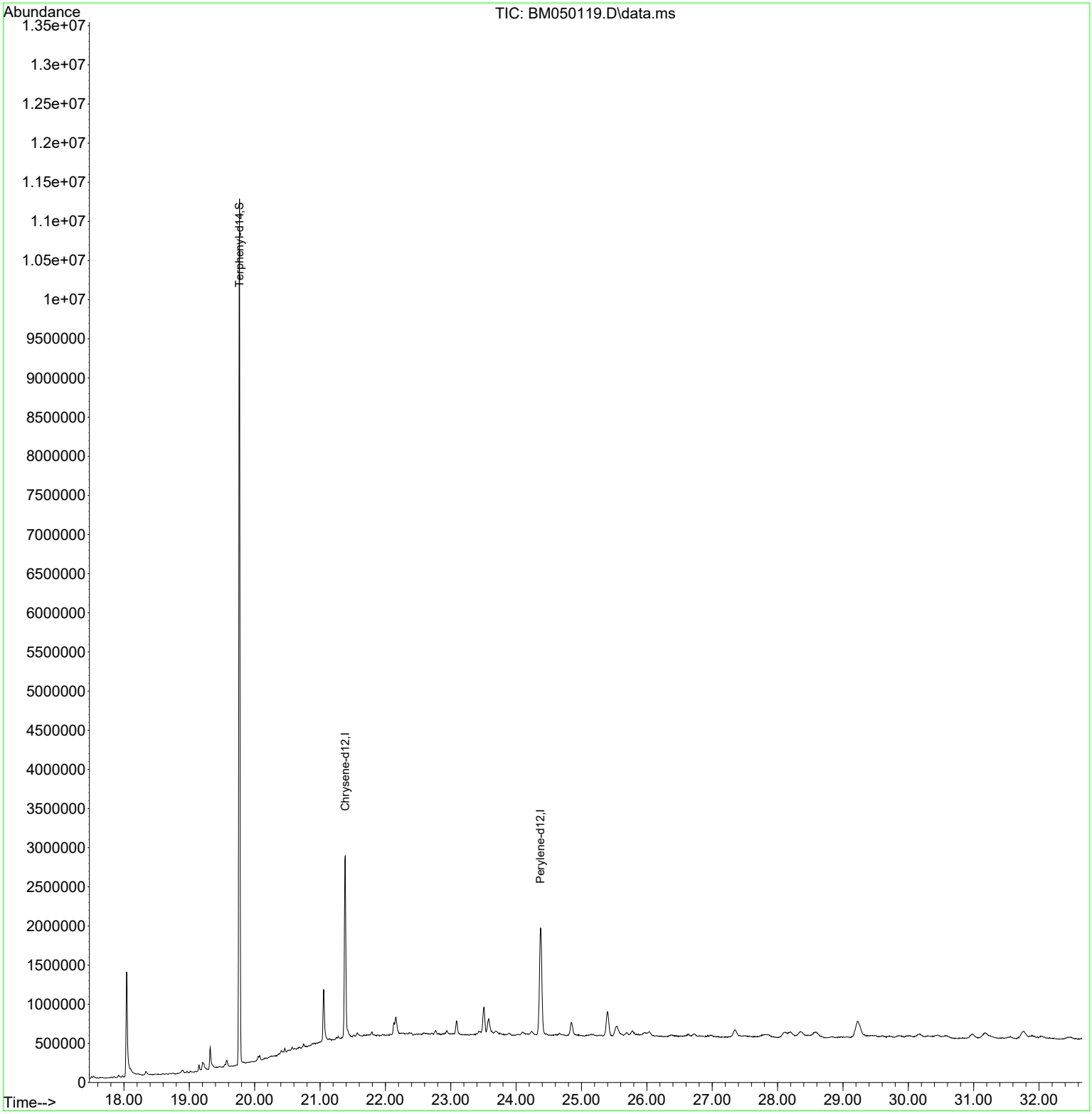
Quant Time: May 06 15:20:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

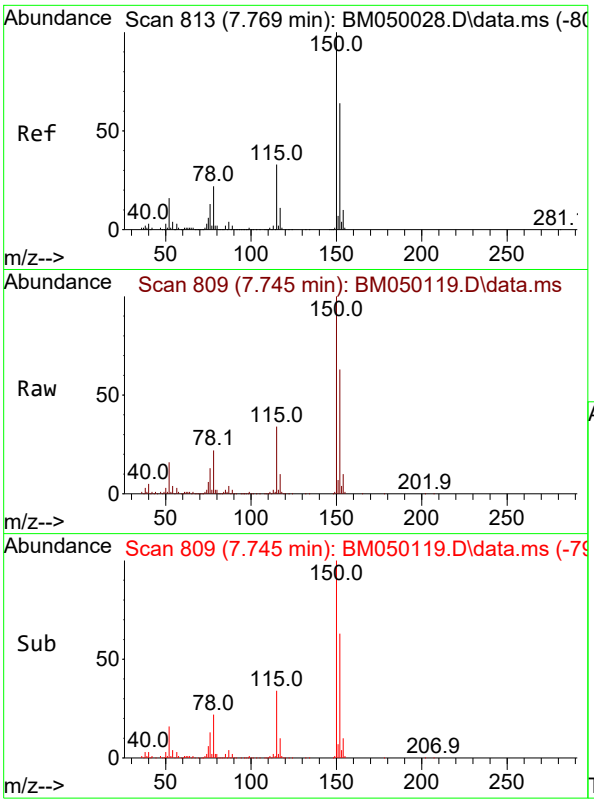


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Quant Time: May 06 15:20:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



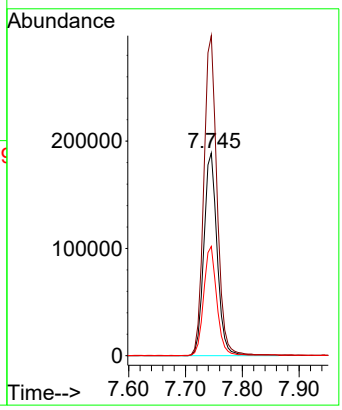


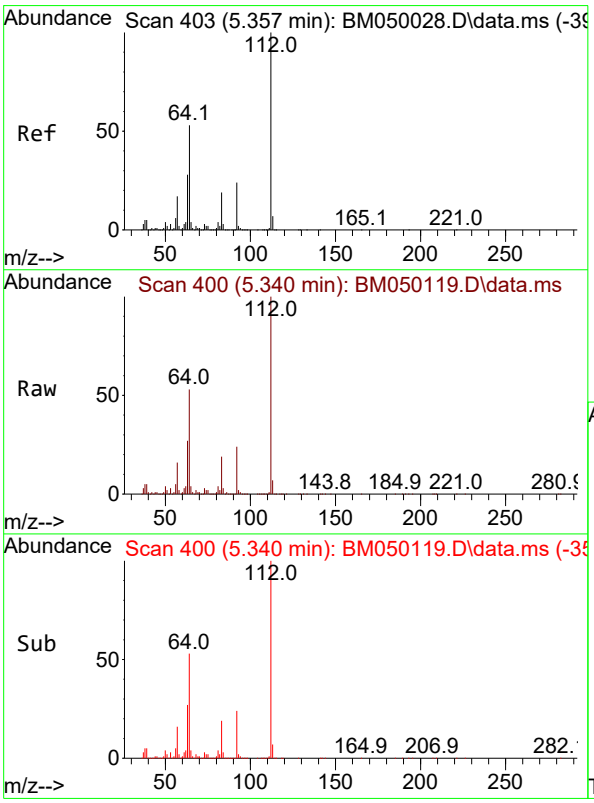
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050119.D
Acq: 06 May 2025 14:41

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Tgt Ion:152 Resp: 305398

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.1	186.1
115	53.9	41.2	61.8

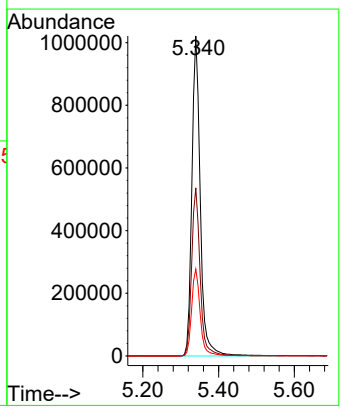


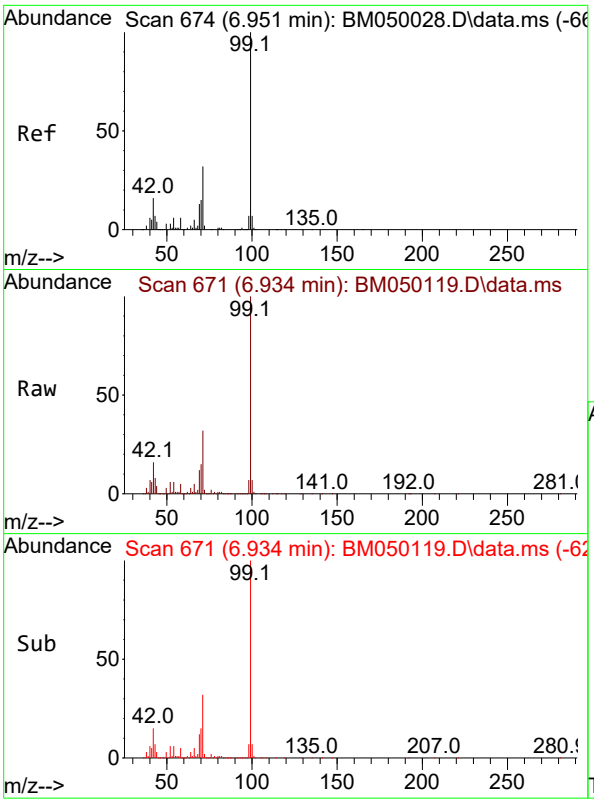


#5
2-Fluorophenol
Concen: 90.385 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050119.D
Acq: 06 May 2025 14:41

Tgt Ion:112 Resp: 1576364

Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.6	64.0
63	27.2	22.2	33.4



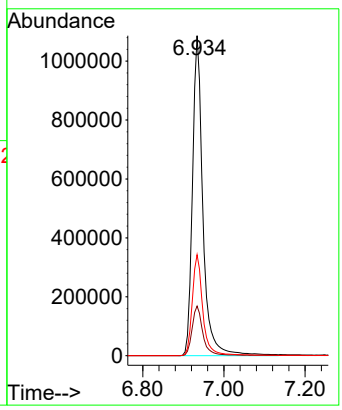


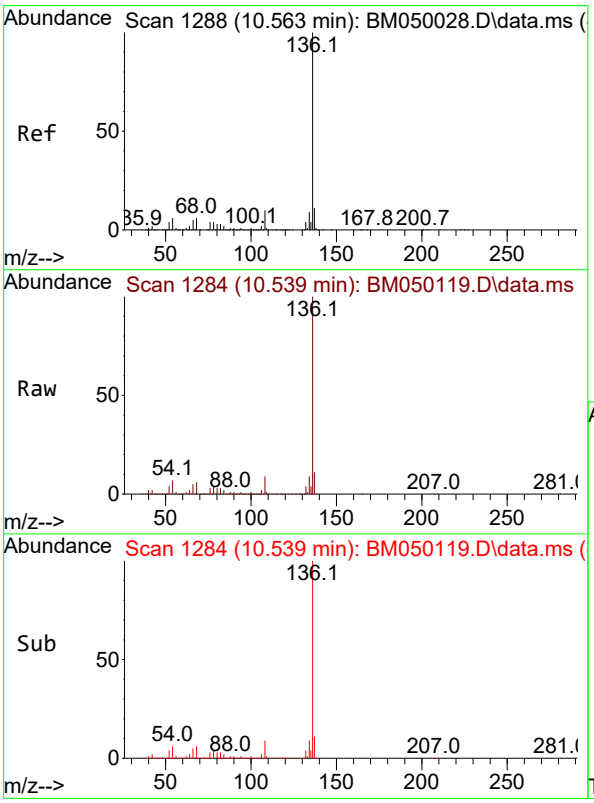
#7
Phenol-d6
Concen: 89.253 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050119.D
Acq: 06 May 2025 14:41

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Tgt Ion: 99 Resp: 1956475

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.0	19.4
71	31.6	25.6	38.4

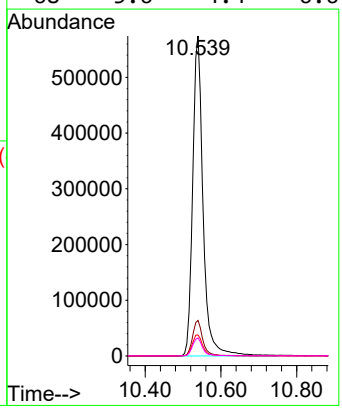


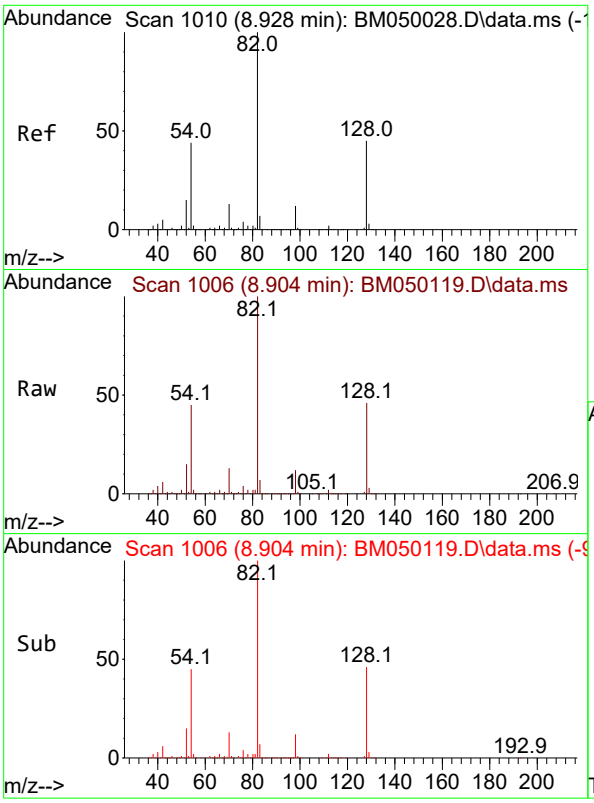


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050119.D
Acq: 06 May 2025 14:41

Tgt Ion:136 Resp: 1098426

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	5.1	7.7
68	5.6	4.4	6.6



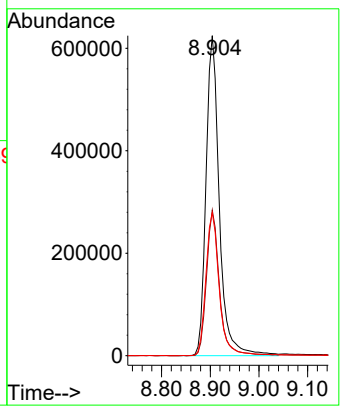


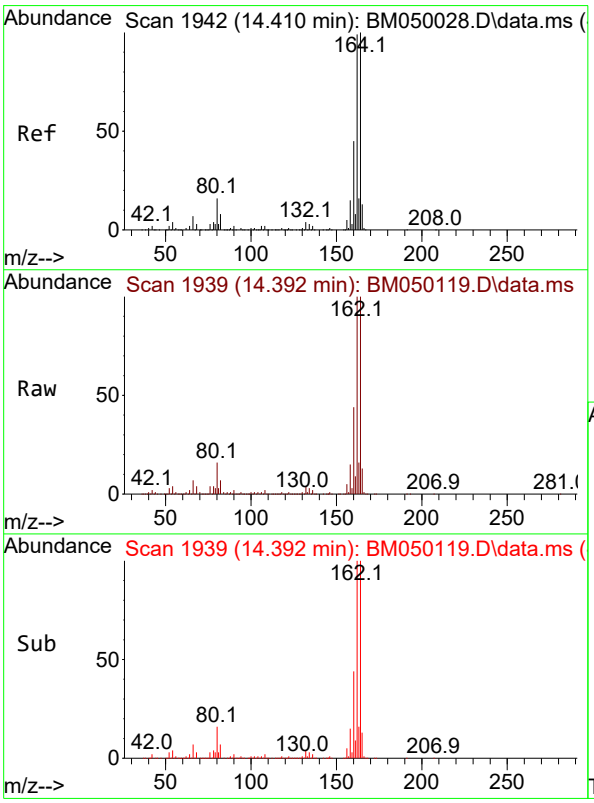
#23
Nitrobenzene-d5
Concen: 53.020 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050119.D
Acq: 06 May 2025 14:41

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Tgt Ion: 82 Resp: 1181880

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.7	53.5
54	44.6	35.4	53.2

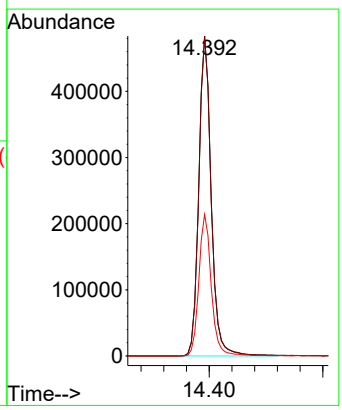


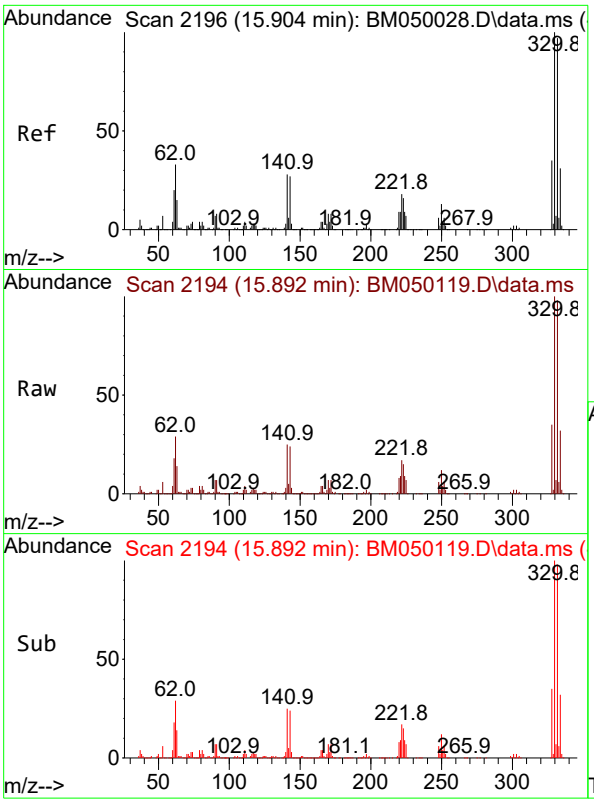


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050119.D
Acq: 06 May 2025 14:41

Tgt Ion:164 Resp: 735430

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.4	119.0
160	44.2	36.2	54.4



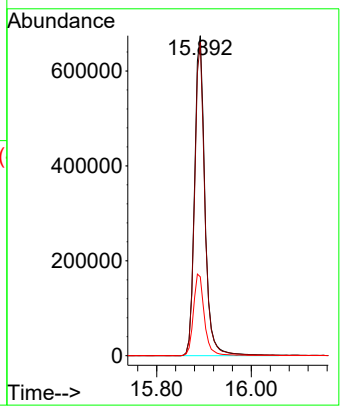


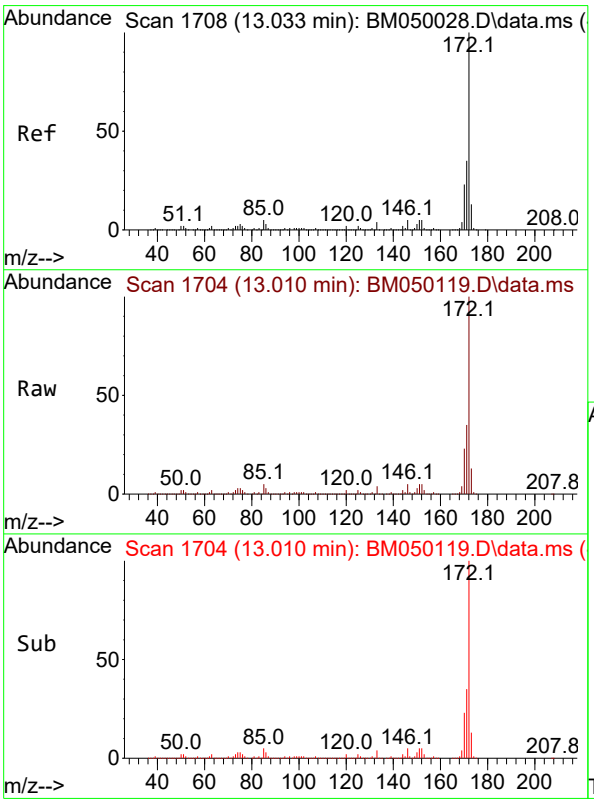
#42
2,4,6-Tribromophenol
Concen: 94.105 ng
RT: 15.892 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050119.D
Acq: 06 May 2025 14:41

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Tgt Ion:330 Resp: 1023324

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	27.2	22.5	33.7

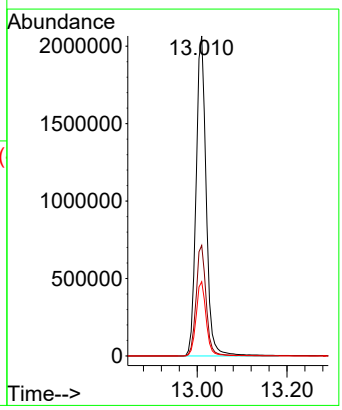


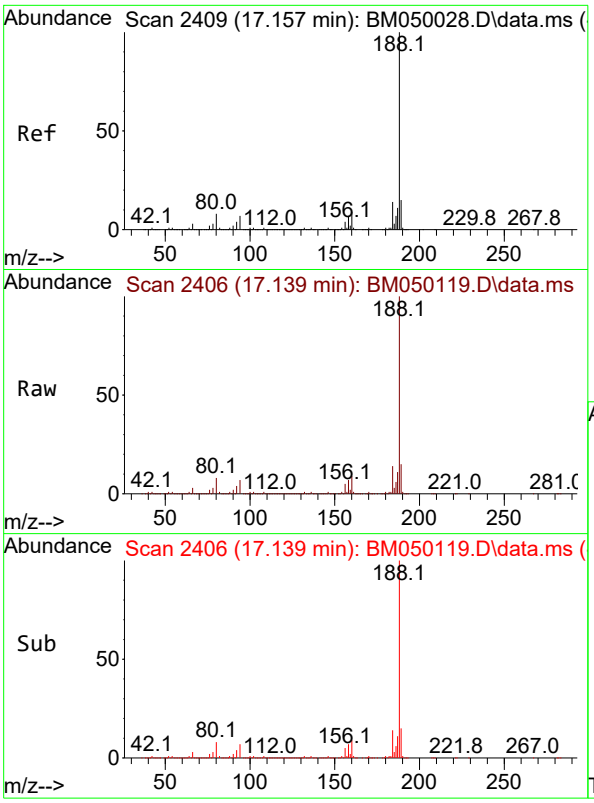


#45
2-Fluorobiphenyl
Concen: 51.908 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050119.D
Acq: 06 May 2025 14:41

Tgt Ion:172 Resp: 3226992

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	28.0



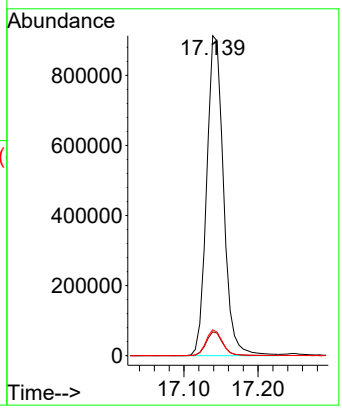


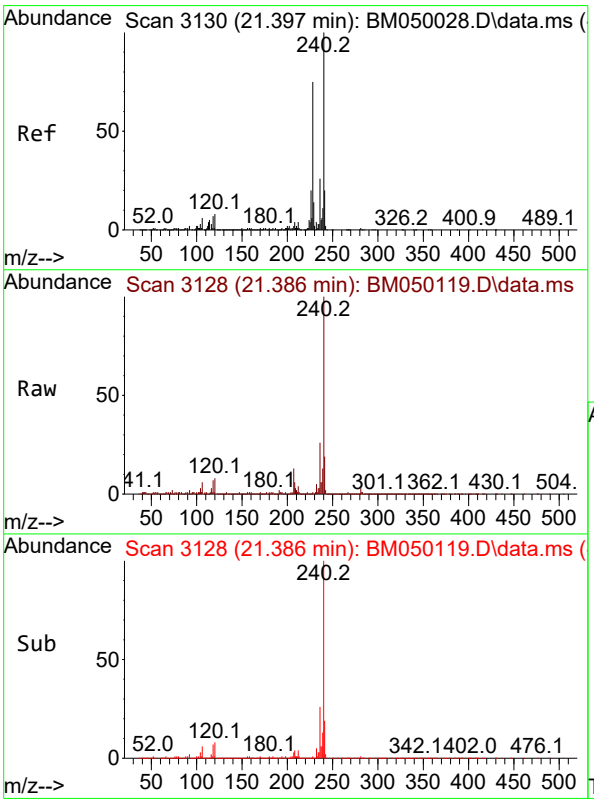
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050119.D
Acq: 06 May 2025 14:41

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Tgt Ion:188 Resp: 1445019

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	8.1	6.2	9.4

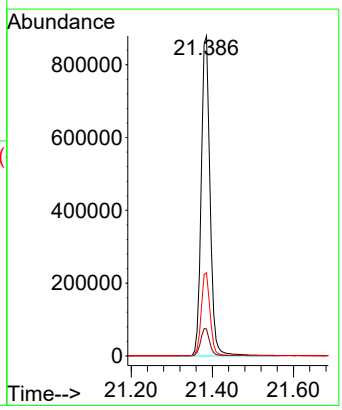


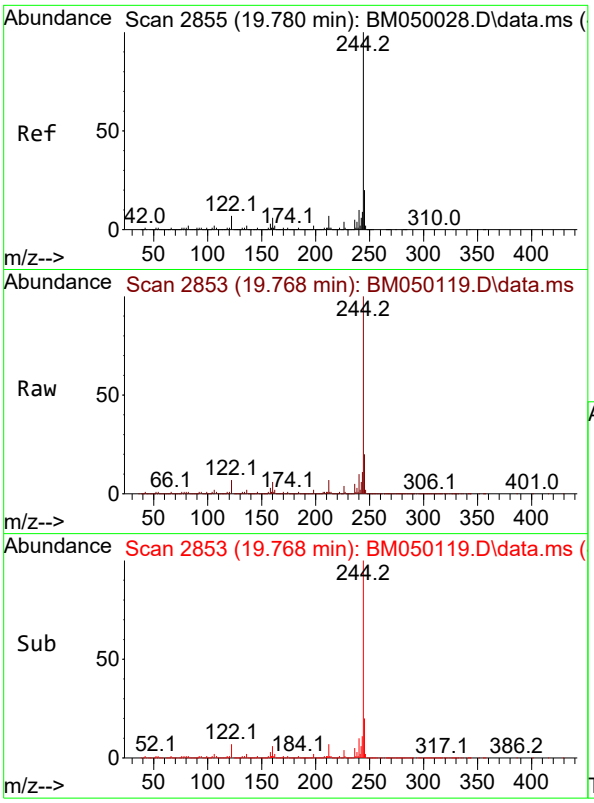


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050119.D
Acq: 06 May 2025 14:41

Tgt Ion:240 Resp: 1331447

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.5	9.7
236	26.0	20.9	31.3



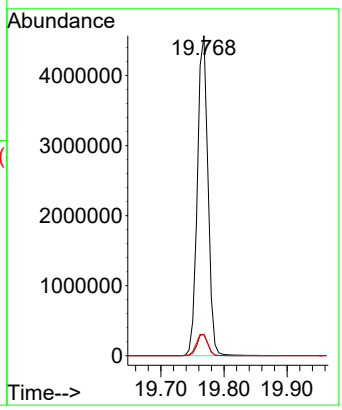


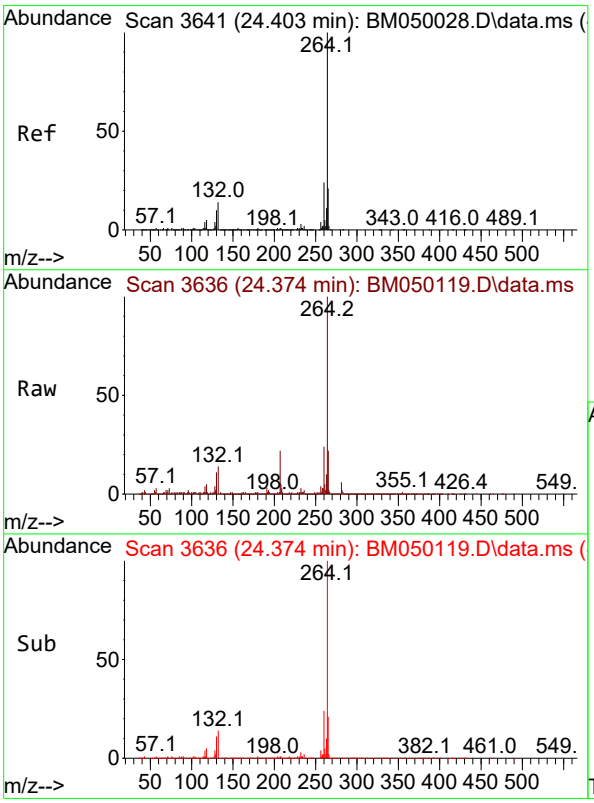
#79
Terphenyl-d14
Concen: 59.064 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050119.D
Acq: 06 May 2025 14:41

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Tgt Ion:244 Resp: 5314478

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	6.5	5.6	8.4

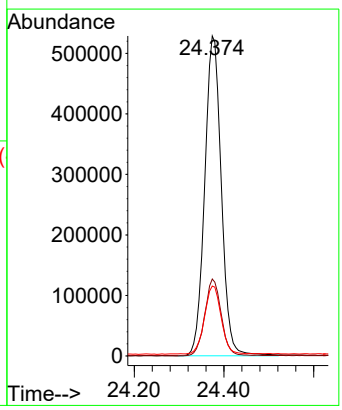




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BM050119.D
Acq: 06 May 2025 14:41

Tgt Ion:264 Resp: 1358259

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.8	17.0	25.4



Sample Results: **BM050119.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050119.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	314	320	330	rBV	314551	462068	3.51%	0.701%
2	5.340	393	400	427	rBV	3297150	5130802	38.92%	7.781%
3	6.934	664	671	694	rBV	2839721	5153041	39.09%	7.814%
4	7.745	802	809	820	rBV	1025296	1661363	12.60%	2.519%
5	8.904	998	1006	1030	rBV	1761302	3349123	25.41%	5.079%
6	10.539	1276	1284	1303	rBV	1125911	2160900	16.39%	3.277%
7	13.010	1697	1704	1730	rBV	5447575	8609253	65.31%	13.056%
8	14.392	1932	1939	1955	rBV	1930650	2963619	22.48%	4.494%
9	15.751	2163	2170	2185	rBV	659198	1037002	7.87%	1.573%
10	15.892	2185	2194	2212	rBV	4349580	6942437	52.67%	10.528%
11	17.139	2397	2406	2413	rBV2	2100403	3400537	25.80%	5.157%
12	18.039	2554	2559	2586	rBV	1345151	2506005	19.01%	3.800%
13	19.203	2753	2757	2768	rVV2	98997	263000	2.00%	0.399%
14	19.321	2773	2777	2789	rBV	275451	490436	3.72%	0.744%
15	19.768	2847	2853	2862	rBV	11066978	13181679	100.00%	19.990%
16	21.056	3068	3072	3084	rVB	642167	960122	7.28%	1.456%
17	21.386	3122	3128	3141	rBV	2310415	3656851	27.74%	5.545%
18	23.509	3484	3489	3494	rVB	315748	597285	4.53%	0.906%
19	24.374	3629	3636	3647	rVB	1356291	3417445	25.93%	5.182%

Sum of corrected areas: 65942968

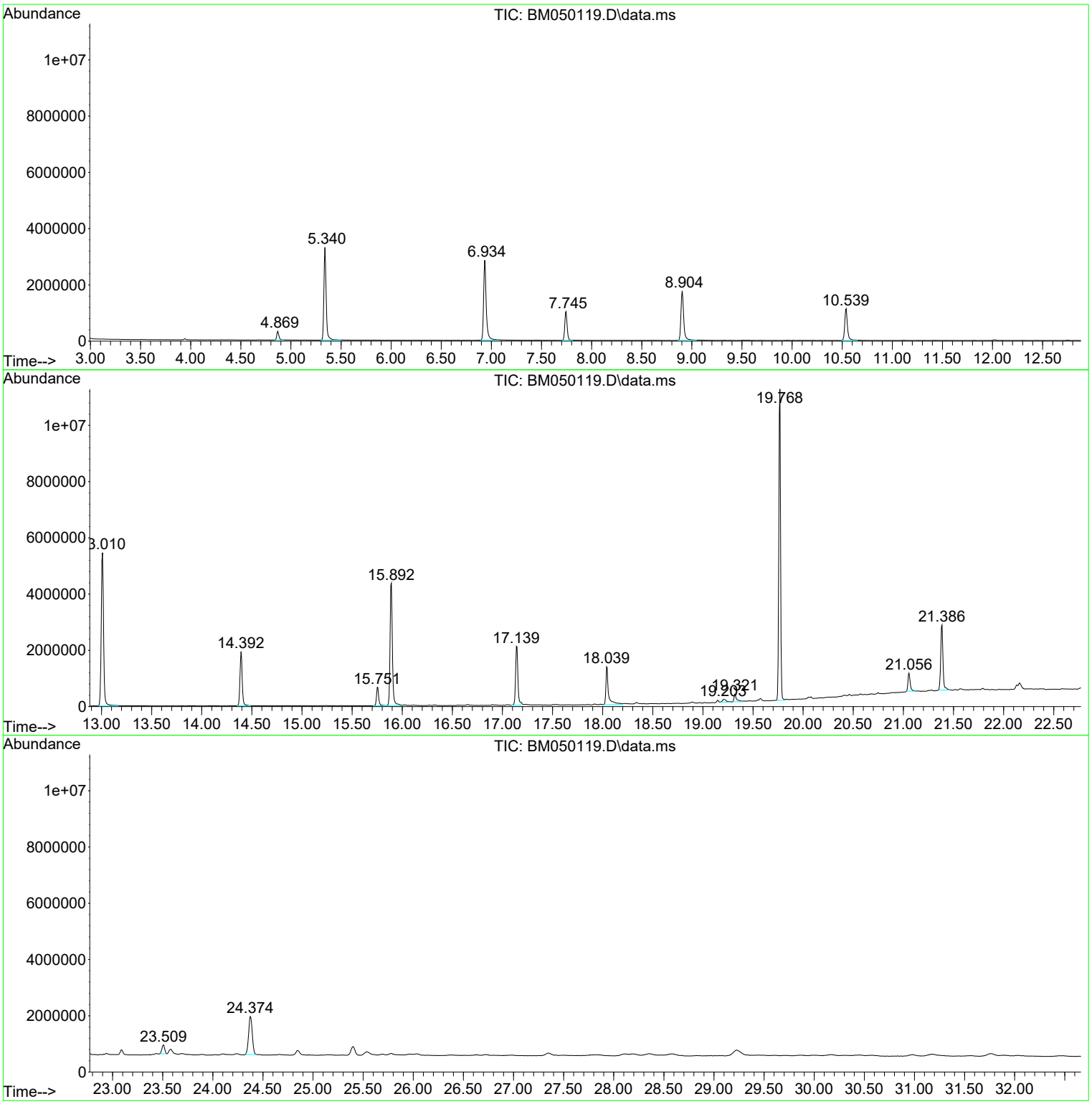
Sample Results: **BM050119.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

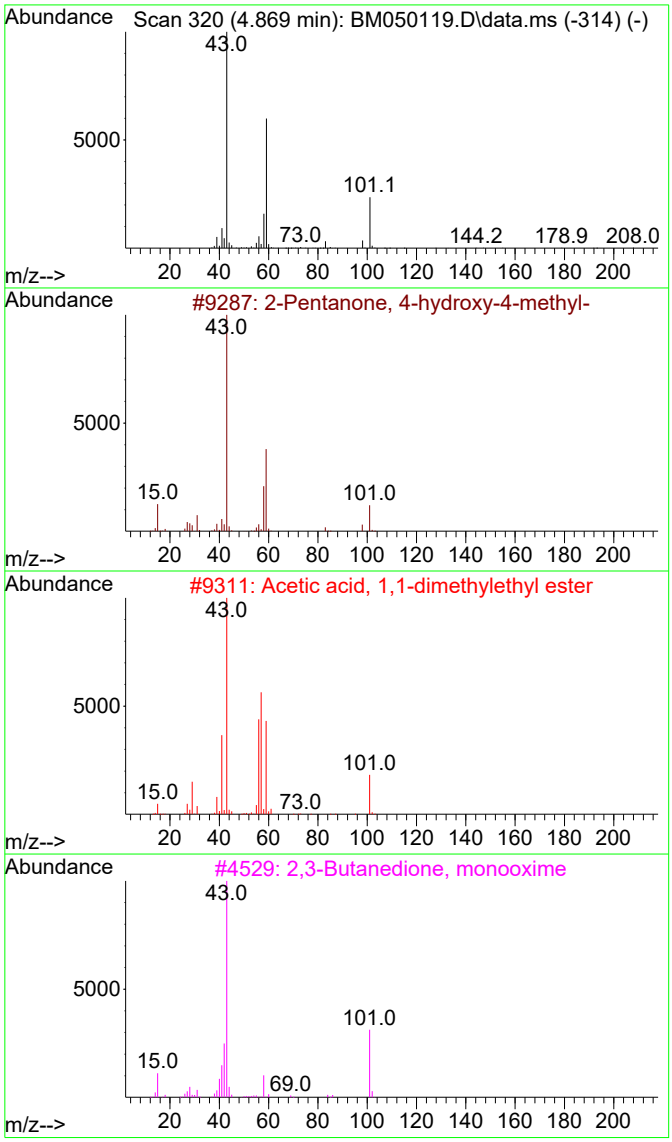
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

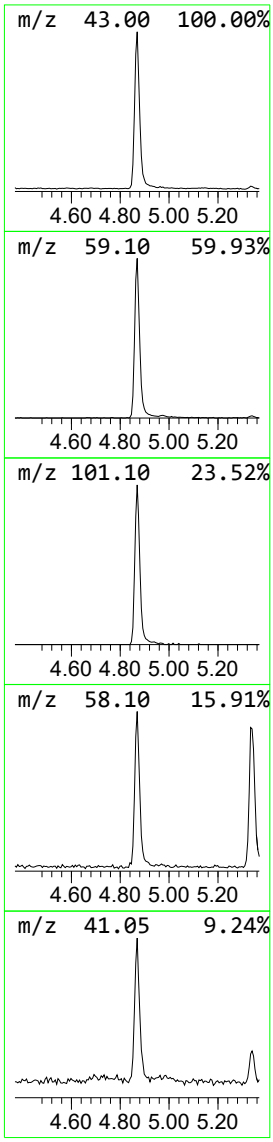
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	5.56 ng	462068	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

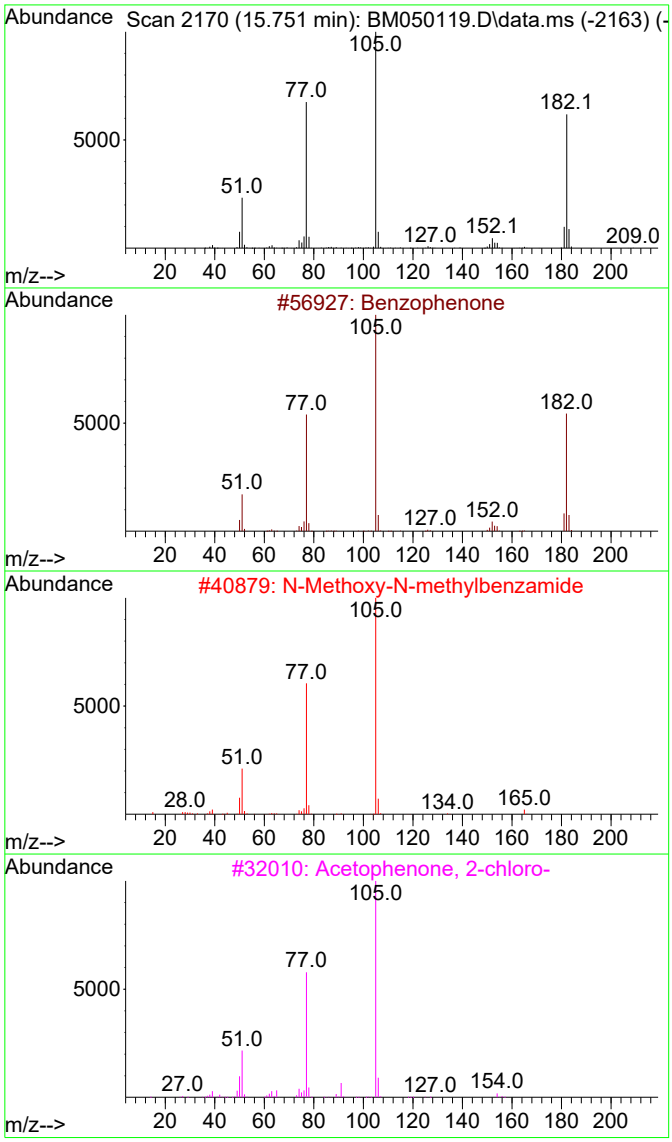
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

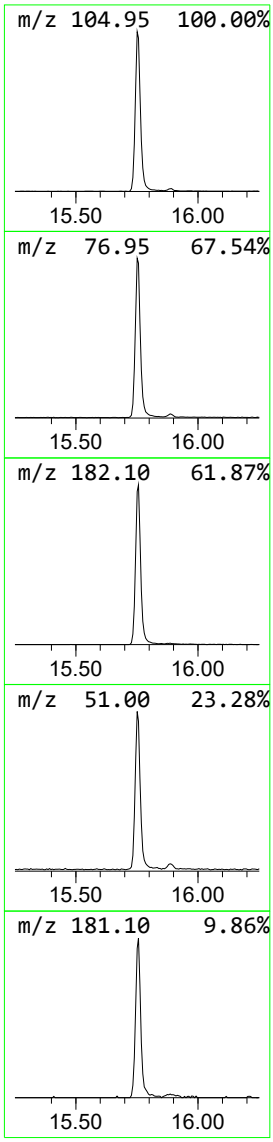
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	7.00 ng	1037000	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	N-cyanobenzamide	146	C8H6N2O	015150-25-1	47
5	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47





Sample Results: **BM050119.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

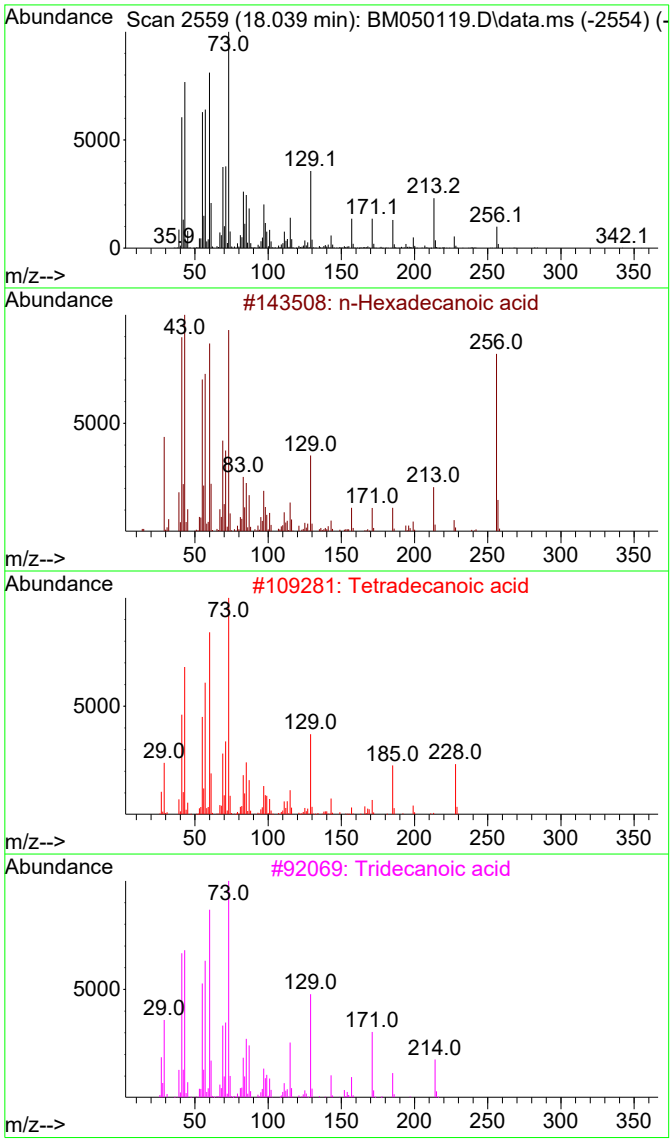
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

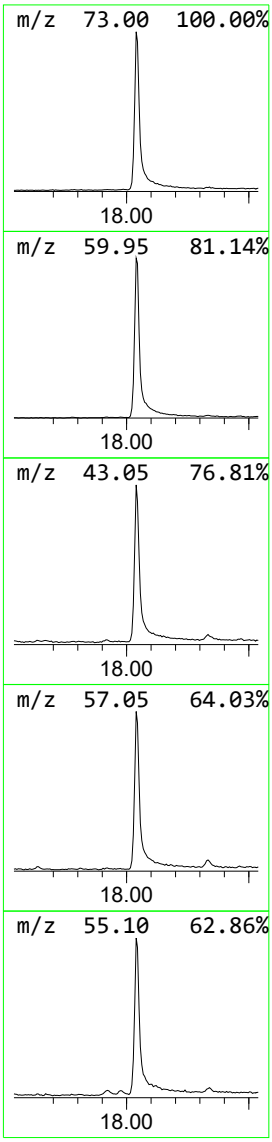
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	14.74 ng	2506010	Phenanthrene-d10	17.139

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Sample Results: **BM050119.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

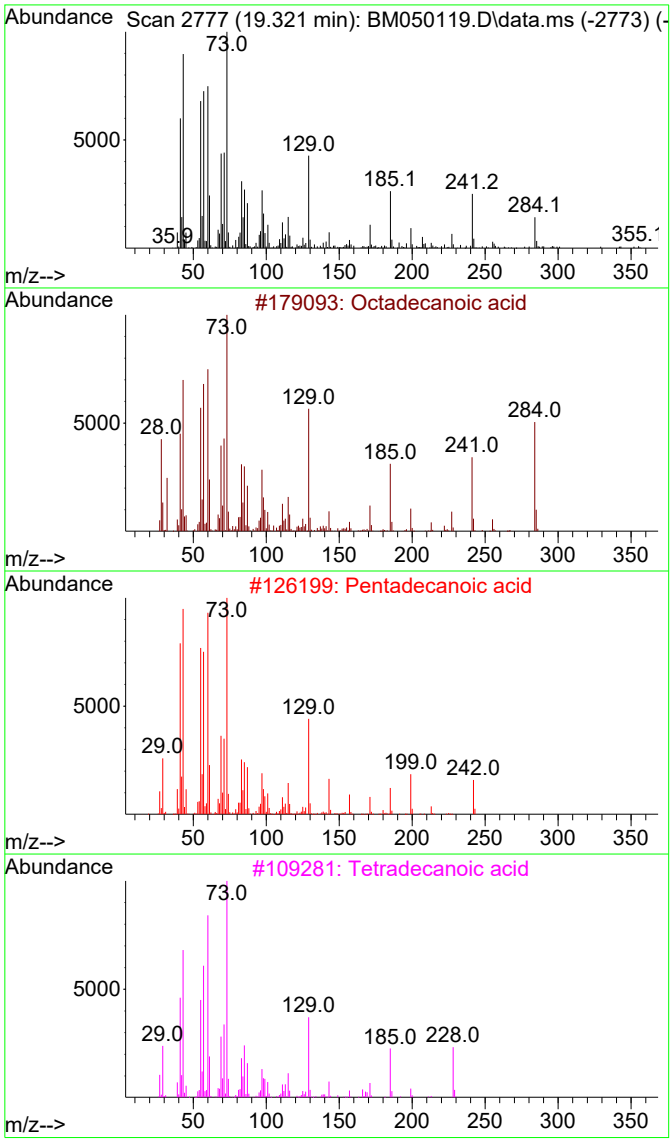
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

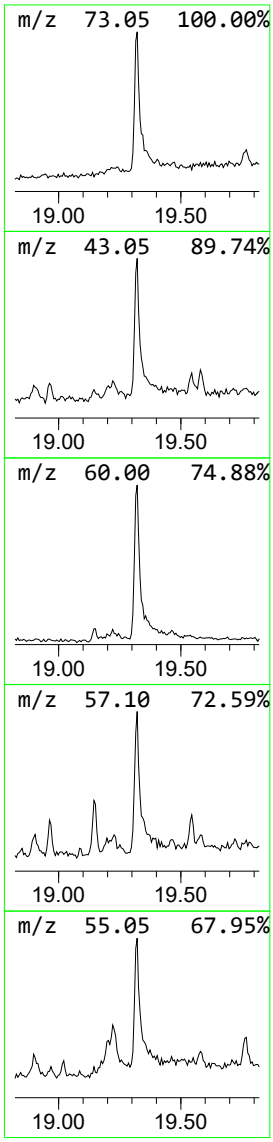
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	2.68 ng	490436	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

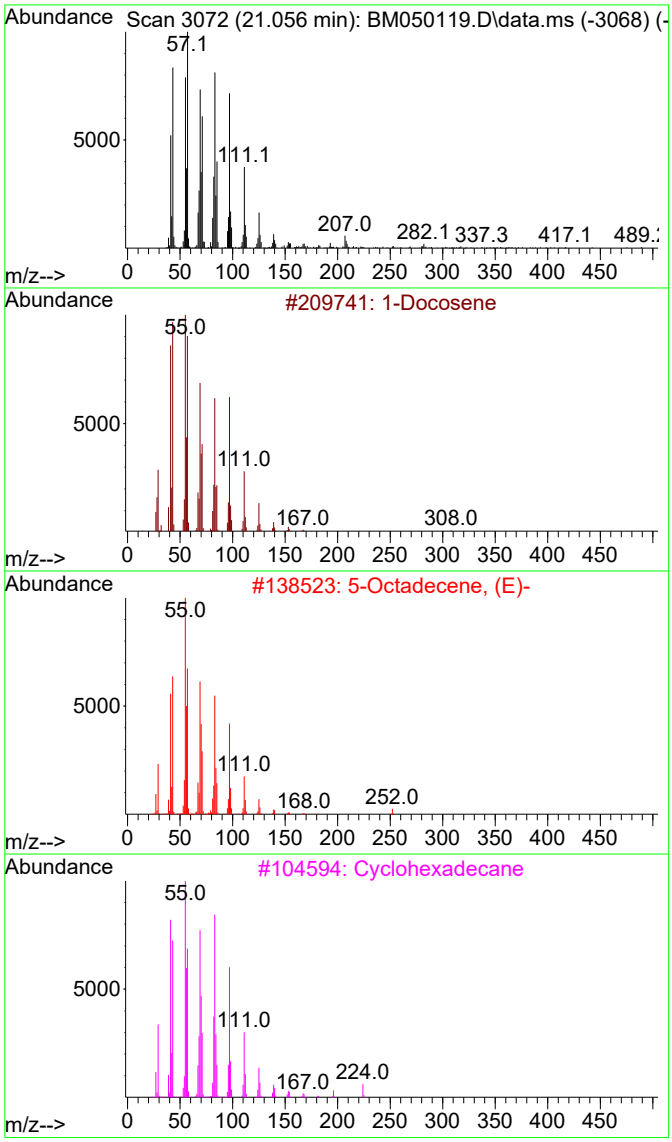
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

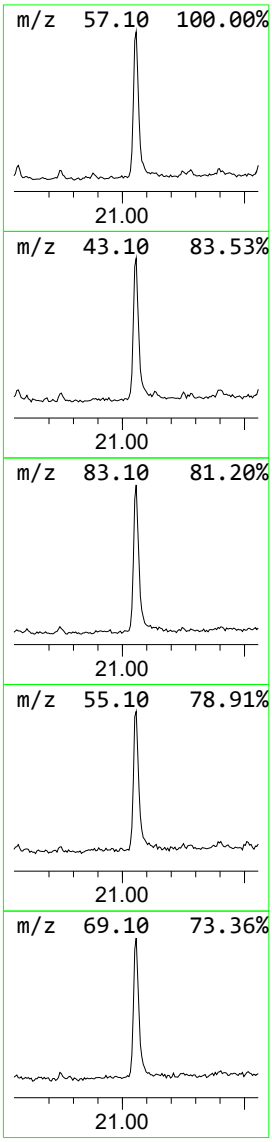
****

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	5.25 ng	960122	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

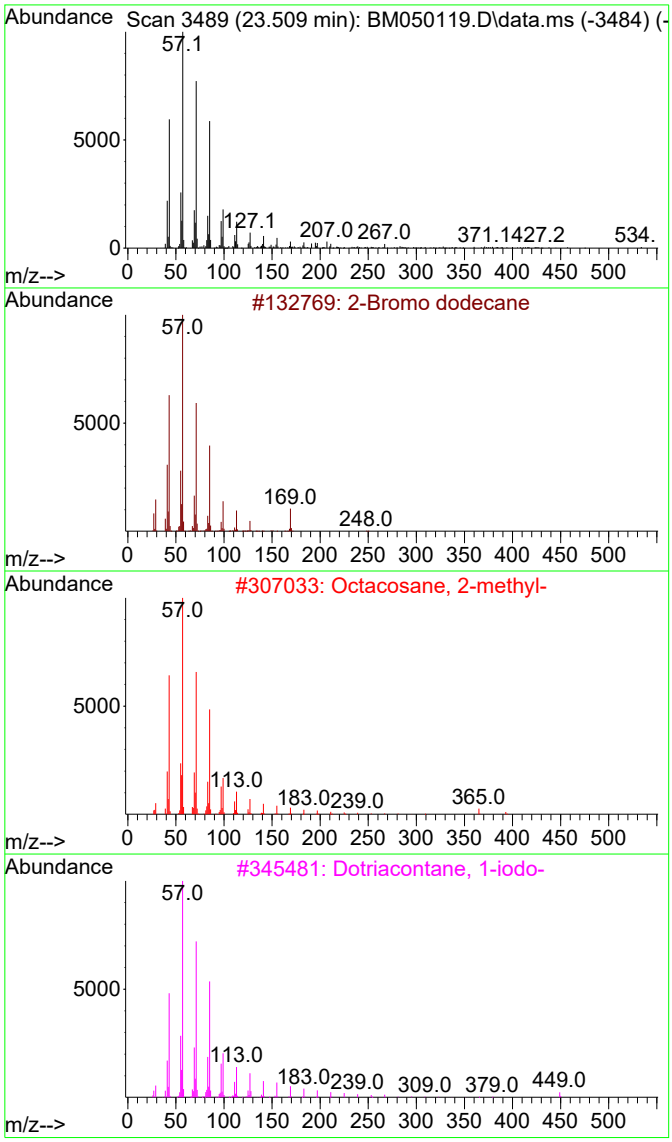
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

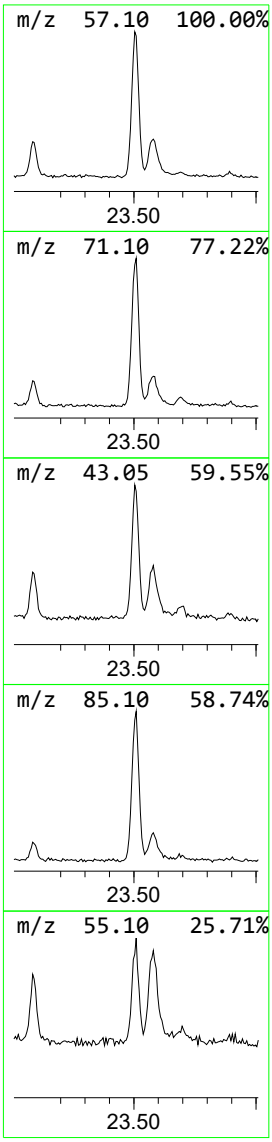
****

Peak Number 6 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.509	3.50 ng	597285	Perylene-d12	24.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
4	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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-...	4.869	5.6	ng	462068	1	7.745	1661360	20.0
Benzophenone	15.751	7.0	ng	1037000	3	14.392	2963620	20.0
n-Hexadecanoic ...	18.039	14.7	ng	2506010	4	17.139	3400540	20.0
Octadecanoic acid	19.321	2.7	ng	490436	5	21.386	3656850	20.0
1-Docosene	21.056	5.3	ng	960122	5	21.386	3656850	20.0
2-Bromo dodecane	23.509	3.5	ng	597285	6	24.374	3417450	20.0

Raw Data: **BM050117.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-F	SDG No.:	Q1937
Lab Sample ID:	Q1937-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.7
Sample Wt/Vol:	30.05 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
BM050117.D	1	05/05/25 09:35	05/06/25 13:23	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	370	ug/Kg
108-95-2	Phenol	24.6	U	24.6	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	27.0	U	27.0	190	ug/Kg
95-57-8	2-Chlorophenol	27.2	U	27.2	190	ug/Kg
95-48-7	2-Methylphenol	33.3	U	33.3	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.7	U	41.7	190	ug/Kg
98-86-2	Acetophenone	32.8	U	32.8	190	ug/Kg
65794-96-9	3+4-Methylphenols	45.7	U	45.7	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.8	U	52.8	89.0	ug/Kg
67-72-1	Hexachloroethane	19.6	U	19.6	190	ug/Kg
98-95-3	Nitrobenzene	20.4	U	20.4	190	ug/Kg
78-59-1	Isophorone	36.5	U	36.5	190	ug/Kg
88-75-5	2-Nitrophenol	64.8	U	64.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	72.1	U	72.1	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	34.3	U	34.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.5	U	31.5	190	ug/Kg
91-20-3	Naphthalene	25.3	U	25.3	190	ug/Kg
106-47-8	4-Chloroaniline	39.4	UQ	39.4	190	ug/Kg
87-68-3	Hexachlorobutadiene	28.2	U	28.2	190	ug/Kg
105-60-2	Caprolactam	58.0	U	58.0	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.9	U	31.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.5	U	28.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.0	U	22.0	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.4	U	32.4	190	ug/Kg
92-52-4	1,1-Biphenyl	24.3	U	24.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	25.0	U	25.0	190	ug/Kg
88-74-4	2-Nitroaniline	53.5	U	53.5	190	ug/Kg
131-11-3	Dimethylphthalate	30.2	U	30.2	190	ug/Kg

Raw Data: **BM050117.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-F	SDG No.:	Q1937
Lab Sample ID:	Q1937-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.7
Sample Wt/Vol:	30.05 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
BM050117.D	1	05/05/25 09:35	05/06/25 13:23	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	32.2	U	32.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	37.4	U	37.4	190	ug/Kg
99-09-2	3-Nitroaniline	51.2	U	51.2	190	ug/Kg
83-32-9	Acenaphthene	23.7	U	23.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	370	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	370	ug/Kg
132-64-9	Dibenzofuran	25.3	U	25.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.8	U	55.8	190	ug/Kg
84-66-2	Diethylphthalate	31.5	U	31.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.7	U	29.7	190	ug/Kg
86-73-7	Fluorene	28.2	U	28.2	190	ug/Kg
100-01-6	4-Nitroaniline	71.5	U	71.5	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.6	U	36.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.9	U	30.9	190	ug/Kg
118-74-1	Hexachlorobenzene	28.2	U	28.2	190	ug/Kg
1912-24-9	Atrazine	37.8	U	37.8	190	ug/Kg
87-86-5	Pentachlorophenol	57.1	U	57.1	370	ug/Kg
85-01-8	Phenanthrene	23.3	U	23.3	190	ug/Kg
120-12-7	Anthracene	37.1	U	37.1	190	ug/Kg
86-74-8	Carbazole	34.7	U	34.7	190	ug/Kg
84-74-2	Di-n-butylphthalate	53.3	U	53.3	190	ug/Kg
206-44-0	Fluoranthene	33.4	U	33.4	190	ug/Kg
129-00-0	Pyrene	40.1	U	40.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	79.5	U	79.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.8	UQ	40.8	370	ug/Kg
56-55-3	Benzo(a)anthracene	25.6	U	25.6	190	ug/Kg
218-01-9	Chrysene	22.1	U	22.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.9	U	65.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	96.6	U	96.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.1	U	21.1	190	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-F	SDG No.:	Q1937
Lab Sample ID:	Q1937-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.7
Sample Wt/Vol:	30.05 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
BM050117.D	1	05/05/25 09:35	05/06/25 13:23	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.9	U	24.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	32.8	U	32.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32.4	U	32.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.5	U	30.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28.6	U	28.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.5	U	28.5	190	ug/Kg
123-91-1	1,4-Dioxane	50.3	U	50.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.5	U	30.5	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.6		30 (18) - 130 (112)	59%	SPK: 150
13127-88-3	Phenol-d6	91.5		30 (15) - 130 (107)	61%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.2		30 (18) - 130 (107)	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.4		30 (20) - 130 (109)	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.7		30 (10) - 130 (116)	62%	SPK: 150
1718-51-0	Terphenyl-d14	57.9		30 (10) - 130 (105)	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	293000	7.745			
1146-65-2	Naphthalene-d8	1080000	10.539			
15067-26-2	Acenaphthene-d10	729000	14.392			
1517-22-2	Phenanthrene-d10	1420000	17.139			
1719-03-5	Chrysene-d12	1300000	21.386			
1520-96-3	Perylene-d12	1310000	24.374			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	AB		4.87	ug/Kg
000119-61-9	Benzophenone	270	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	850	J		18.0	ug/Kg
000057-11-4	Octadecanoic acid	220	J		19.3	ug/Kg
007206-21-5	5-Octadecene, (E)-	220	J		21.1	ug/Kg
1000406-32-4	Dotriacontane, 1-iodo-	210	J		23.5	ug/Kg

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-F	SDG No.:	Q1937
Lab Sample ID:	Q1937-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.7
Sample Wt/Vol:	30.05 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
BM050117.D	1	05/05/25 09:35	05/06/25 13:23	PB167857

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\BM050625\
Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Quant Time: May 06 14:04:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

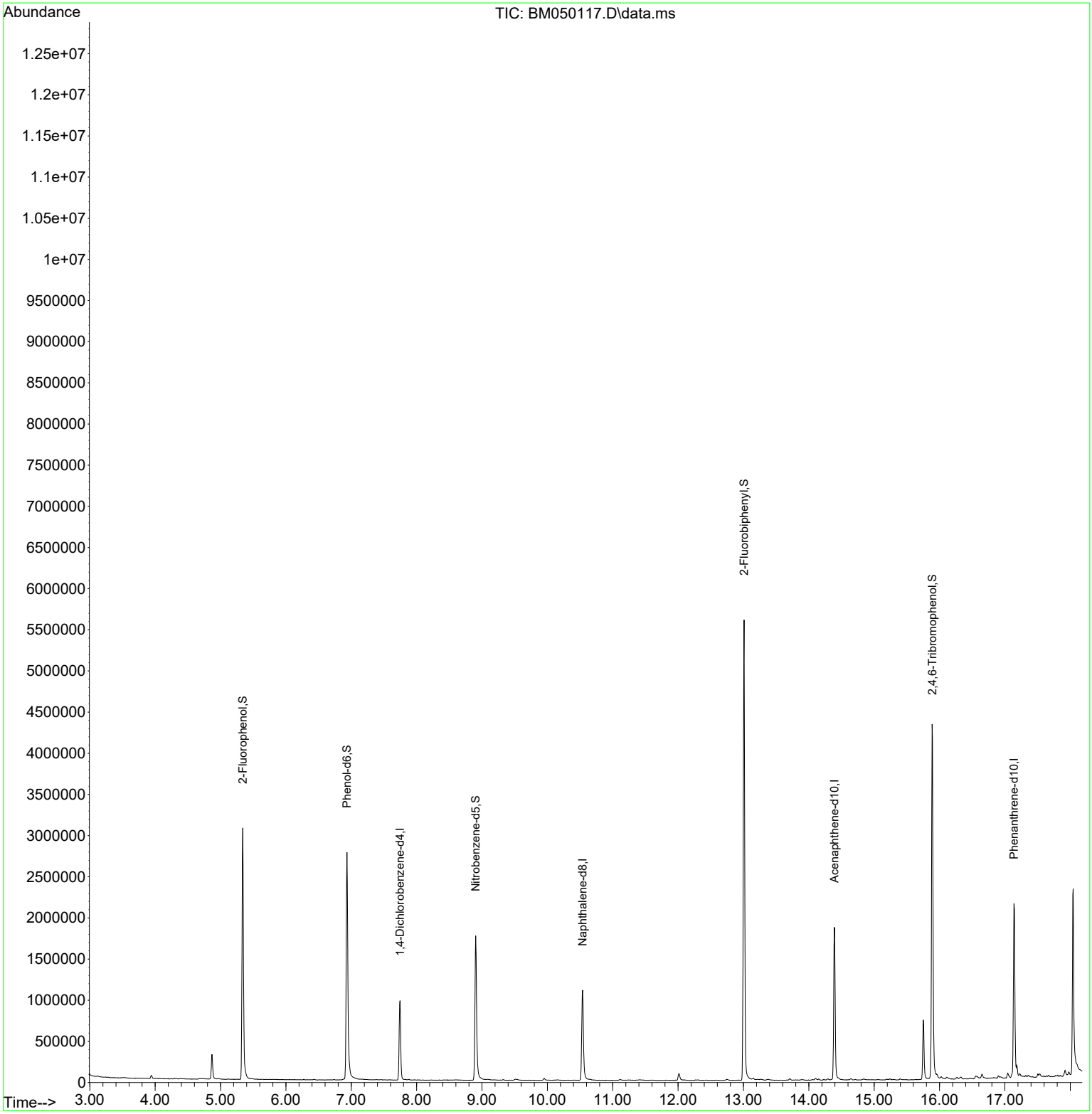
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	292655	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	1075638	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	728595	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1420998	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1302021	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1310183	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1481486	88.643	ng	-0.02
7) Phenol-d6	6.934	99	1921759	91.486	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1161561	53.213	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	999195	92.748	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3167476	51.429	ng	-0.02
79) Terphenyl-d14	19.768	244	5097045	57.928	ng	-0.01
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Quant Time: May 06 14:04:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

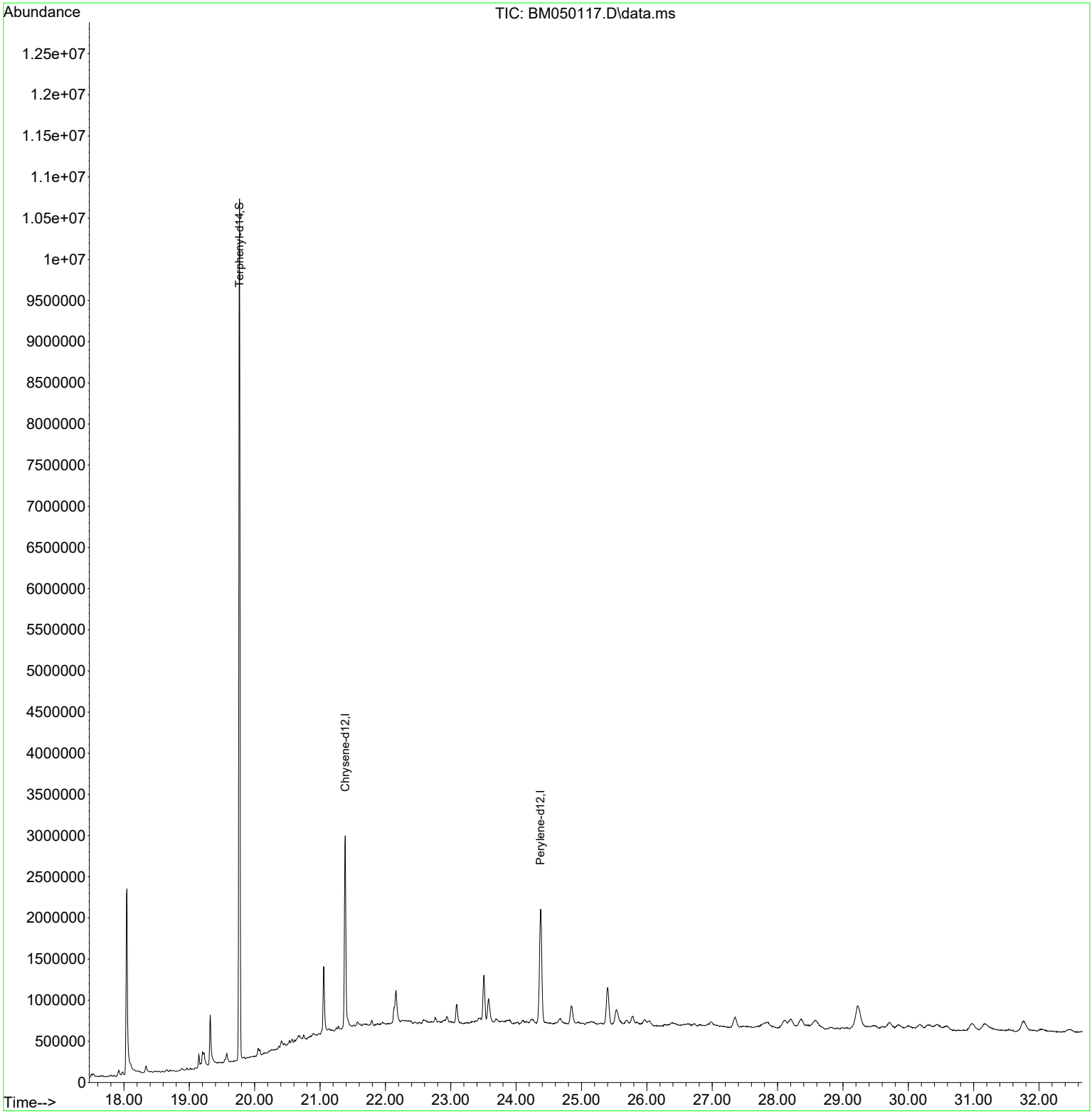


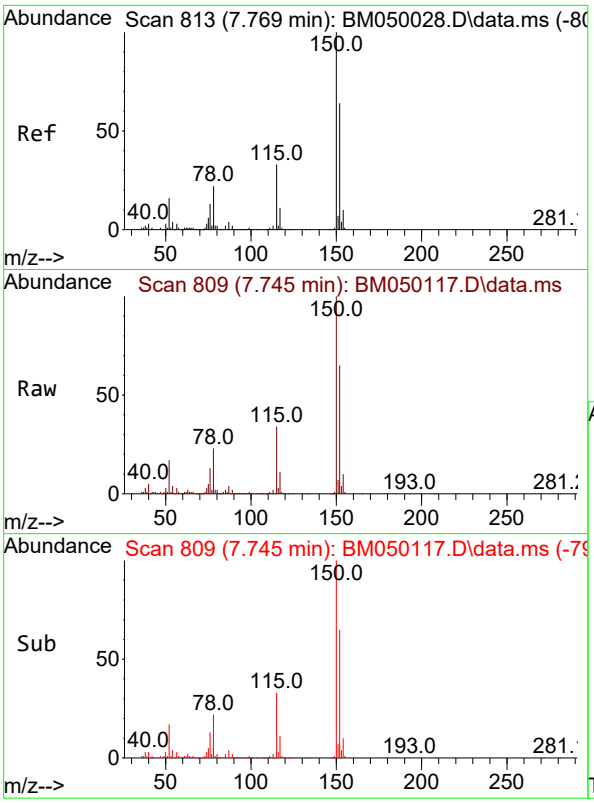
Sample Results: **BM050117.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Quant Time: May 06 14:04:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



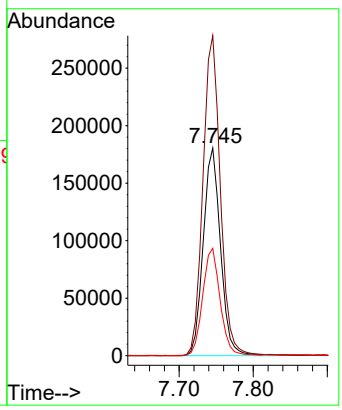


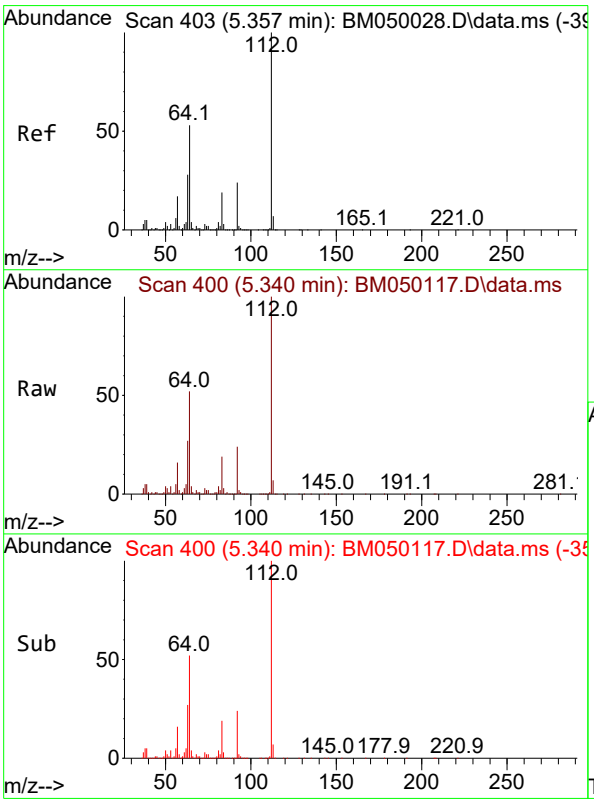
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Tgt Ion:152 Resp: 292655

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.1	186.1
115	51.7	41.2	61.8

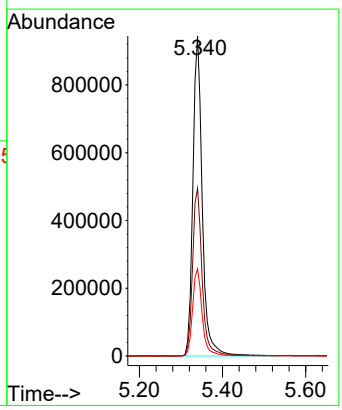


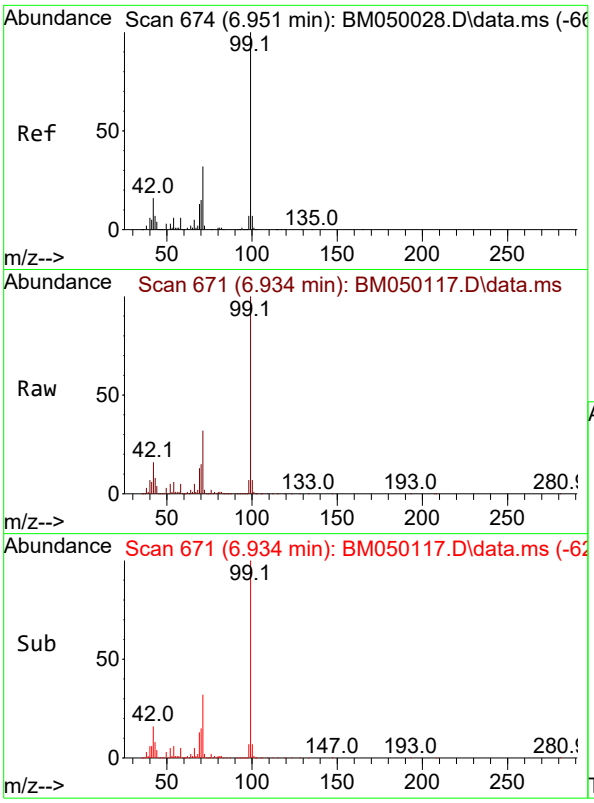


#5
2-Fluorophenol
Concen: 88.643 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Tgt Ion:112 Resp: 1481486

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.6	64.0
63	27.3	22.2	33.4



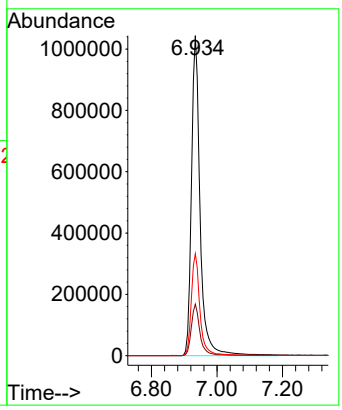


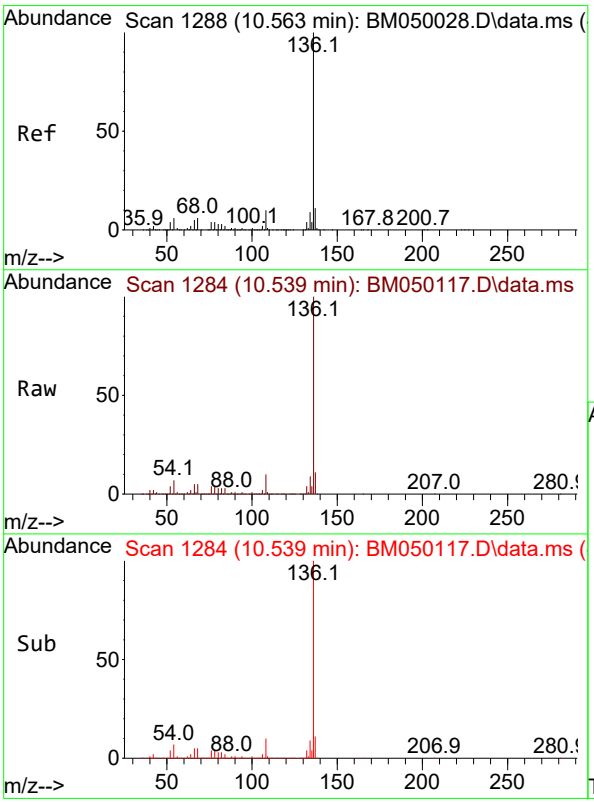
#7
Phenol-d6
Concen: 91.486 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Tgt Ion: 99 Resp: 1921759

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.0	19.4
71	31.8	25.6	38.4

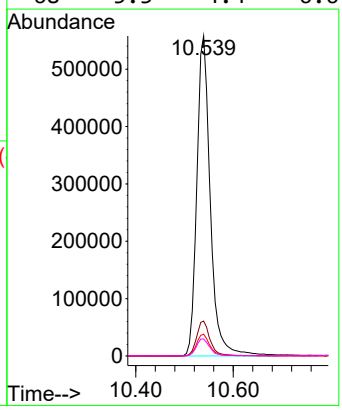


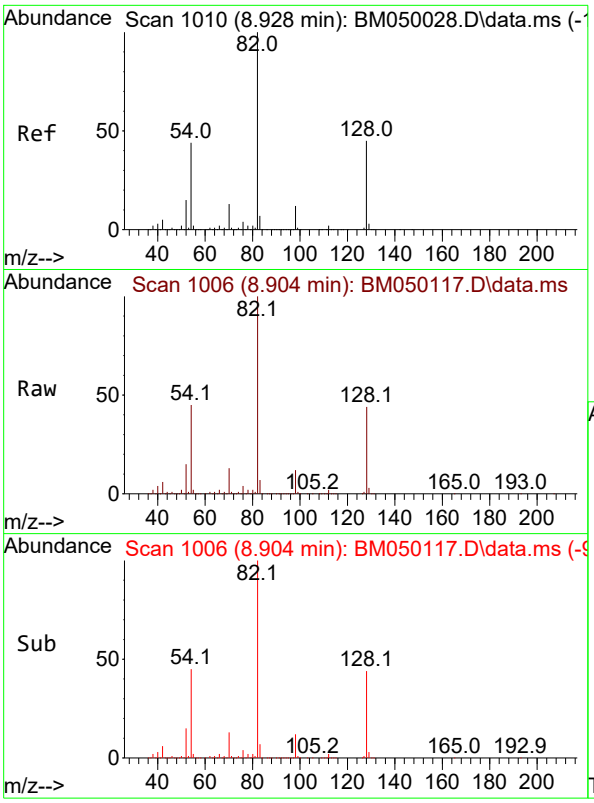


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Tgt Ion:136 Resp: 1075638

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	5.1	7.7
68	5.3	4.4	6.6



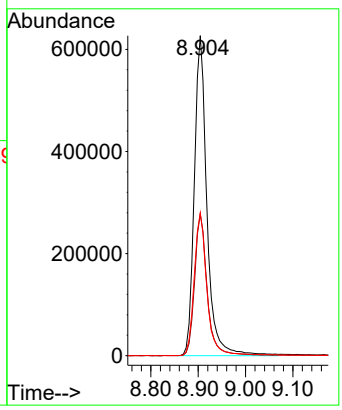


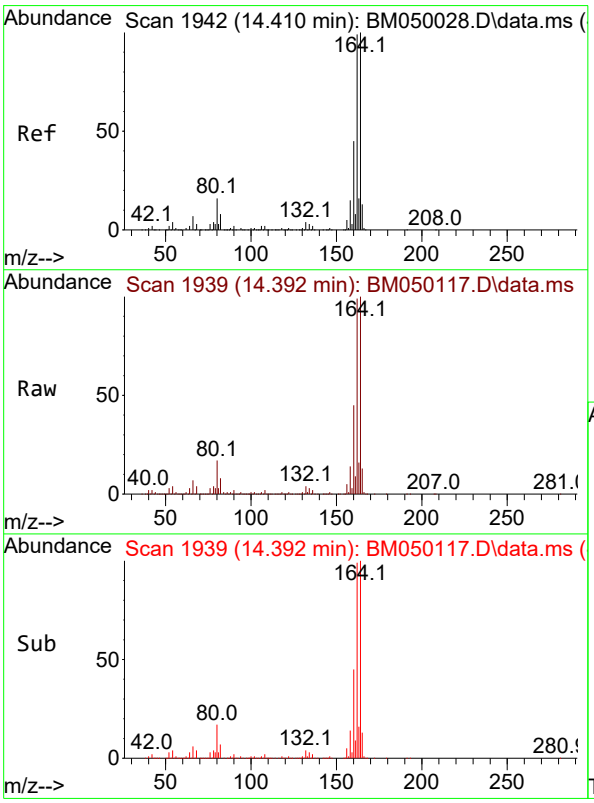
#23
Nitrobenzene-d5
Concen: 53.213 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Tgt Ion: 82 Resp: 1161561

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	44.7	35.4	53.2

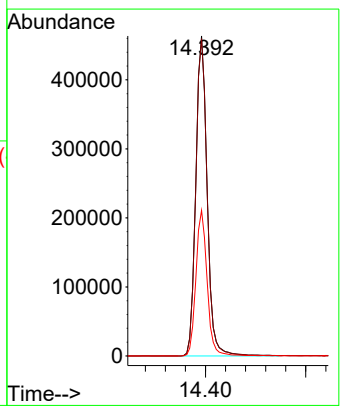


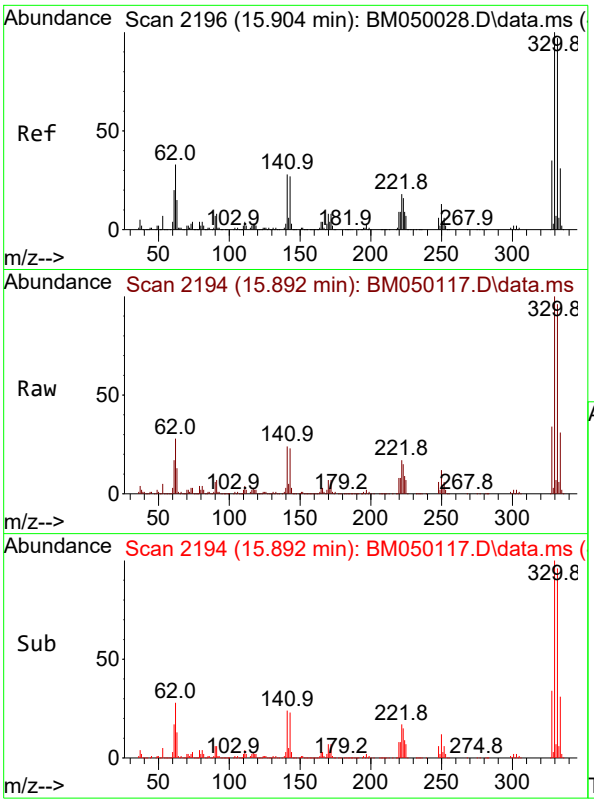


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Tgt Ion:164 Resp: 728595

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.4	119.0
160	45.5	36.2	54.4



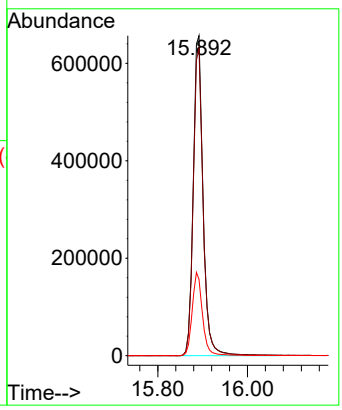


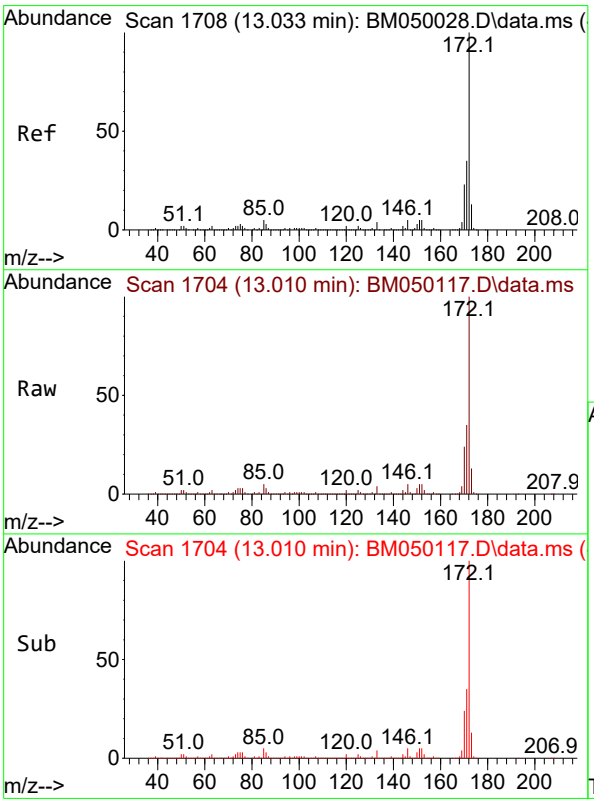
#42
2,4,6-Tribromophenol
Concen: 92.748 ng
RT: 15.892 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Tgt Ion:330 Resp: 999195

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	27.3	22.5	33.7

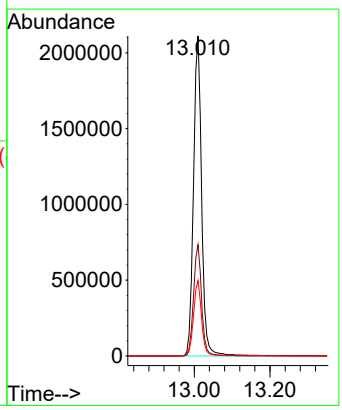


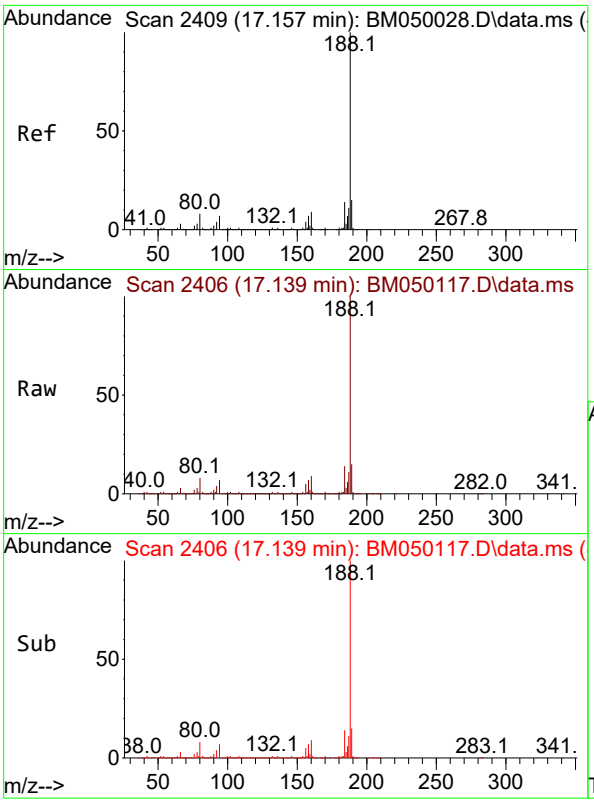


#45
2-Fluorobiphenyl
Concen: 51.429 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Tgt Ion:172 Resp: 3167476

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.5	18.6	28.0



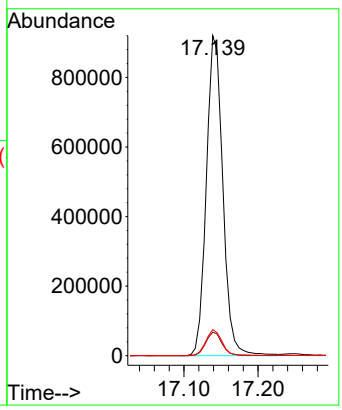


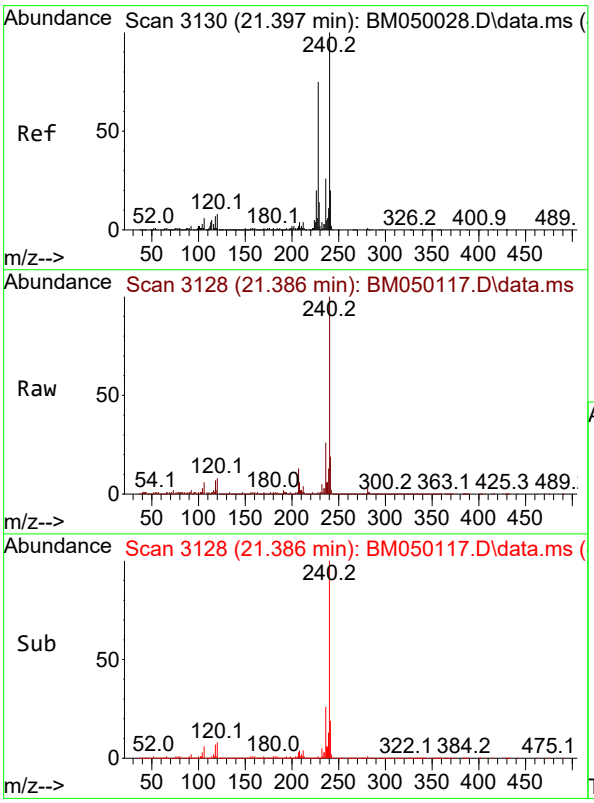
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Tgt Ion:188 Resp: 1420998

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	8.1	6.2	9.4

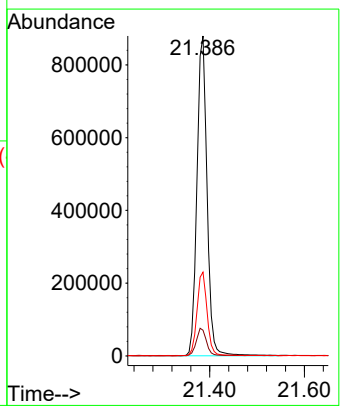


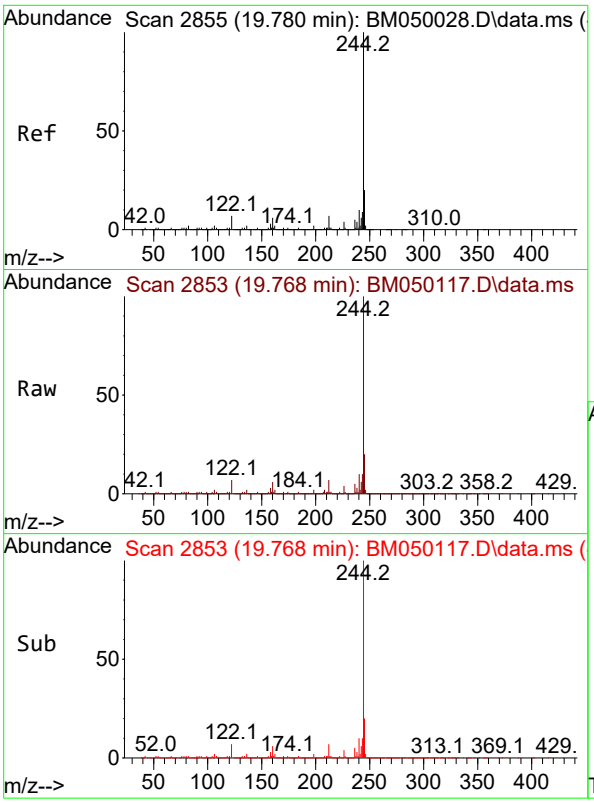


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Tgt Ion:240 Resp: 1302021

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	26.2	20.9	31.3



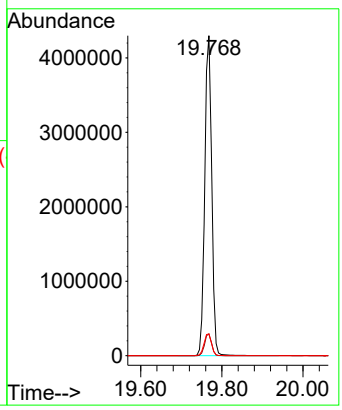


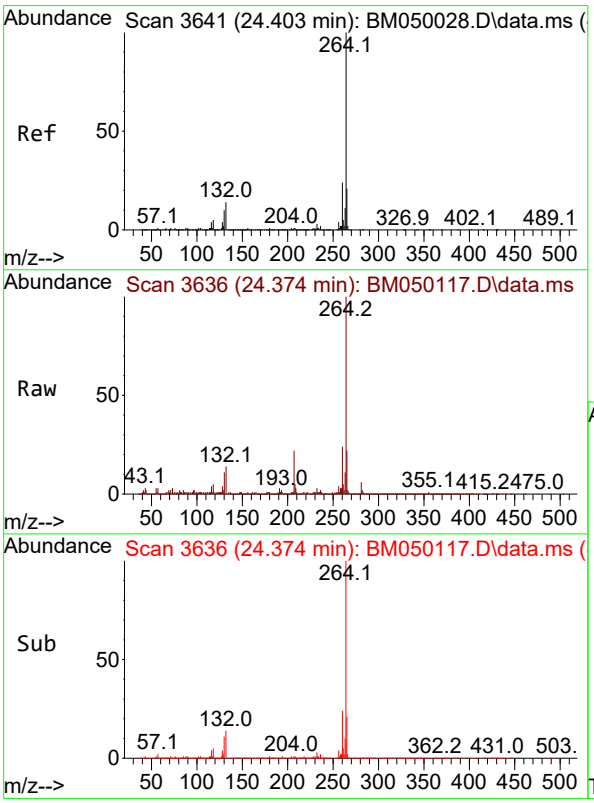
#79
Terphenyl-d14
Concen: 57.928 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Tgt Ion:244 Resp: 5097045

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	6.8	5.6	8.4

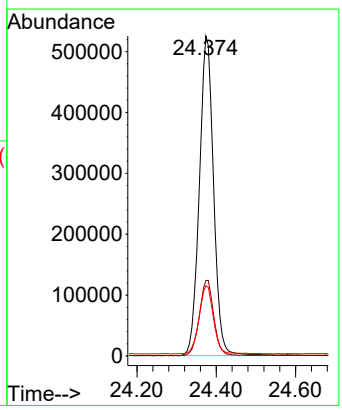




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Tgt Ion:264 Resp: 1310183

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.9	17.0	25.4



Sample Results: **BM050117.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050117.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	314	320	330	rBV	297944	444464	3.53%	0.660%
2	5.340	393	400	418	rBV	3054876	4808751	38.14%	7.145%
3	6.934	664	671	694	rBV	2754761	5024903	39.86%	7.466%
4	7.745	802	809	820	rBV	964626	1599207	12.69%	2.376%
5	8.904	998	1006	1032	rBV	1754300	3275936	25.99%	4.867%
6	10.539	1274	1284	1298	rBV	1096978	2116930	16.79%	3.145%
7	12.016	1528	1535	1545	rBV	78633	156474	1.24%	0.232%
8	13.010	1696	1704	1724	rBV	5594418	8442086	66.97%	12.543%
9	14.392	1929	1939	1956	rBV	1853794	2954631	23.44%	4.390%
10	15.751	2164	2170	2181	rBV	722508	1056213	8.38%	1.569%
11	15.886	2185	2193	2204	rBV	4306871	6716379	53.28%	9.979%
12	17.139	2397	2406	2412	rBV2	2112434	3354986	26.61%	4.985%
13	17.921	2533	2539	2544	rBV3	70072	128509	1.02%	0.191%
14	18.045	2554	2560	2583	rBV	2257363	3827783	30.36%	5.687%
15	19.145	2744	2747	2750	rBV	154148	183885	1.46%	0.273%
16	19.203	2753	2757	2759	rBV2	140749	199106	1.58%	0.296%
17	19.321	2772	2777	2794	rBV	608832	1080733	8.57%	1.606%
18	19.574	2817	2820	2828	rVB2	102631	159002	1.26%	0.236%
19	19.768	2847	2853	2861	rBV	10465428	12606520	100.00%	18.730%
20	21.056	3068	3072	3081	rVB	771613	1095464	8.69%	1.628%
21	21.386	3122	3128	3147	rBV	2316617	3686061	29.24%	5.477%
22	23.509	3484	3489	3495	rVB	530857	981124	7.78%	1.458%
23	24.374	3629	3636	3649	rVB	1383212	3406621	27.02%	5.061%

Sum of corrected areas: 67305768

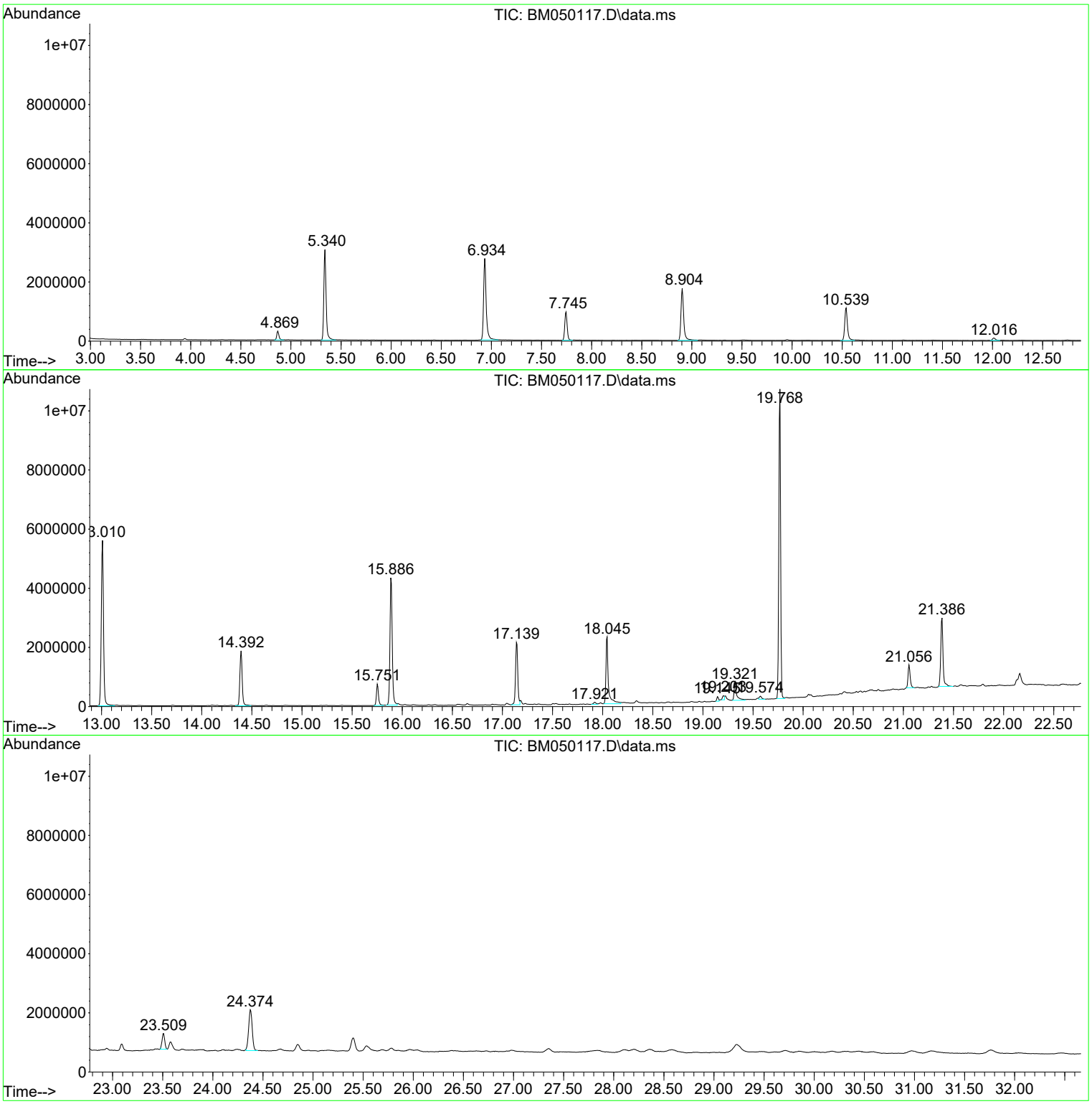
Sample Results: **BM050117.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

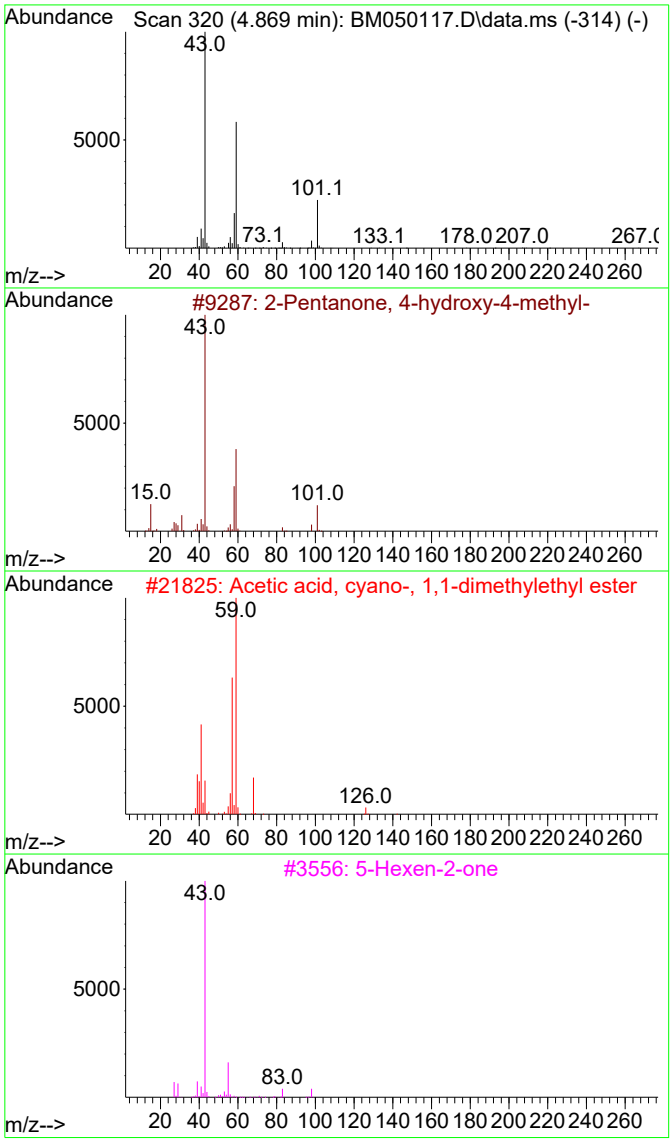
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

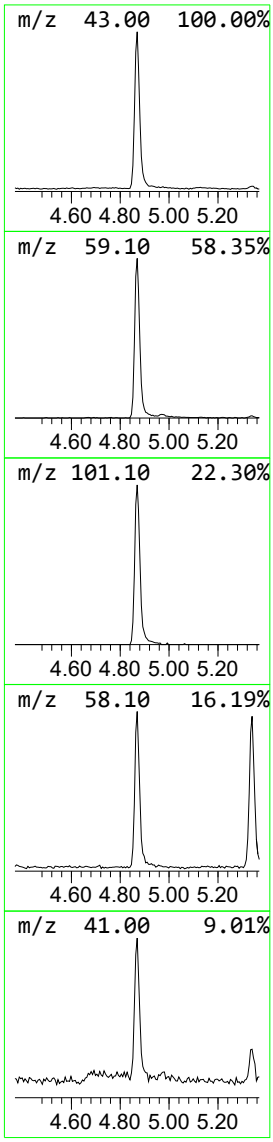
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	5.56 ng	444464	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

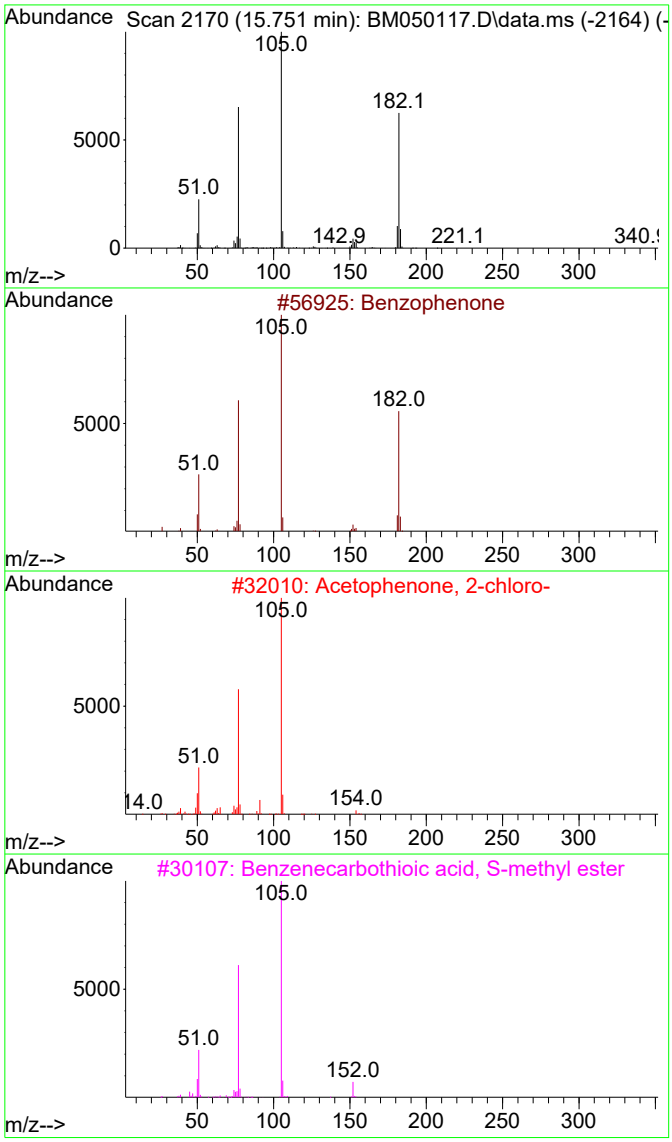
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

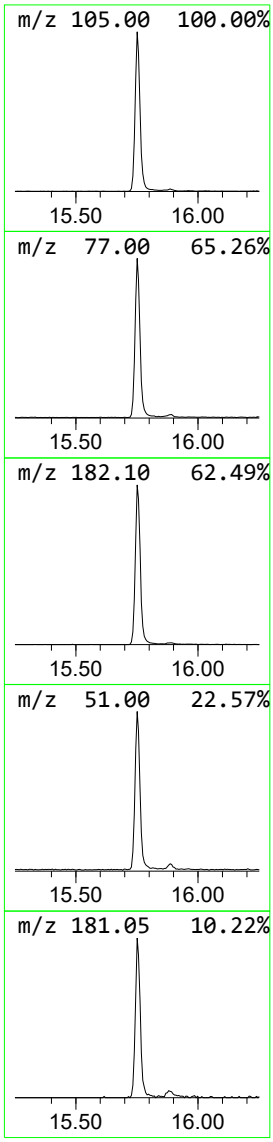
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	7.15 ng	1056210	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

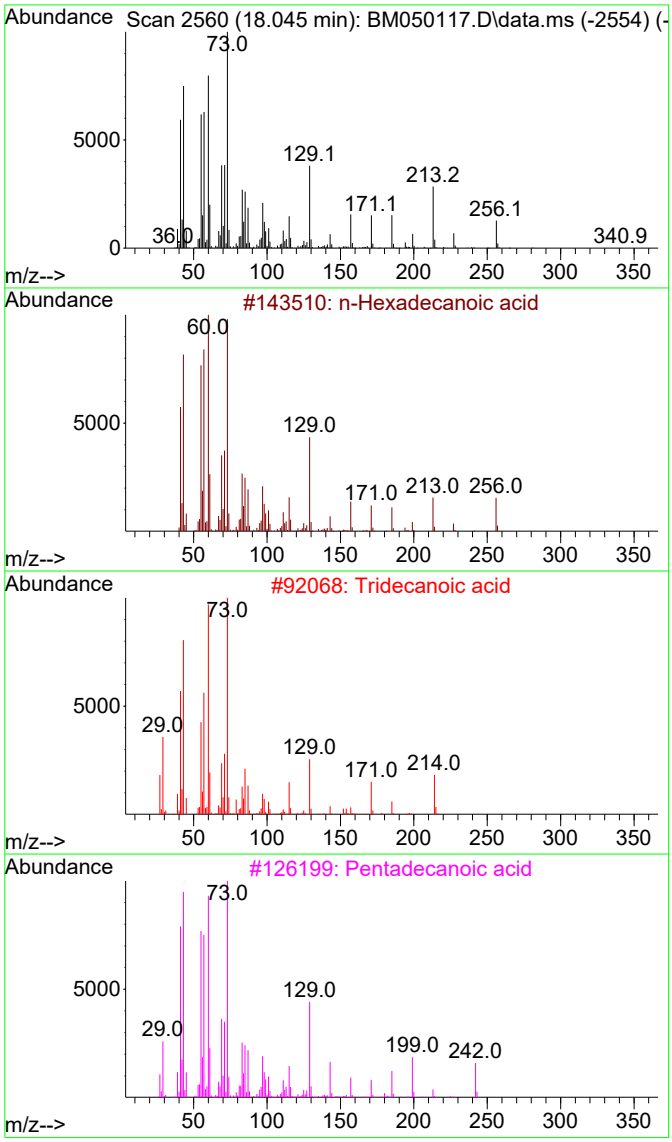
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

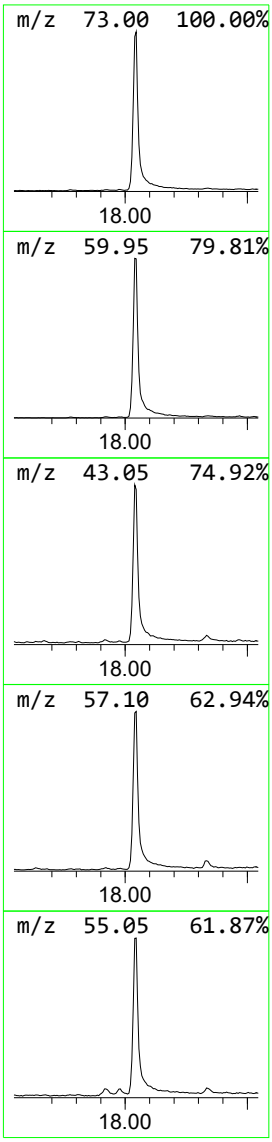
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	22.82 ng	3827780	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

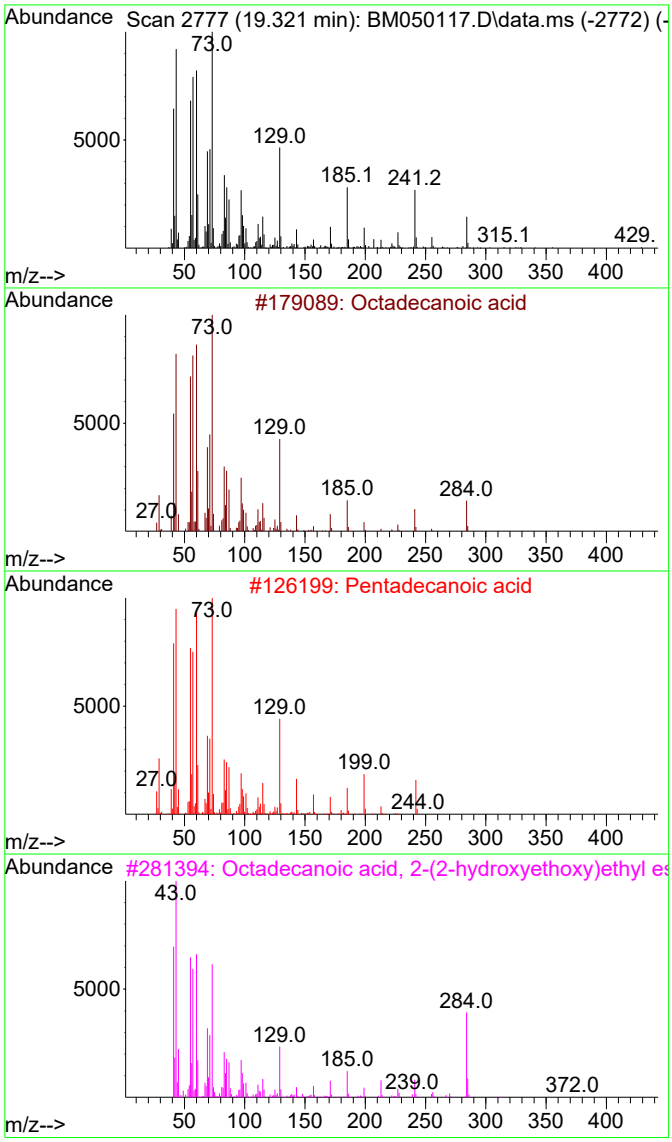
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

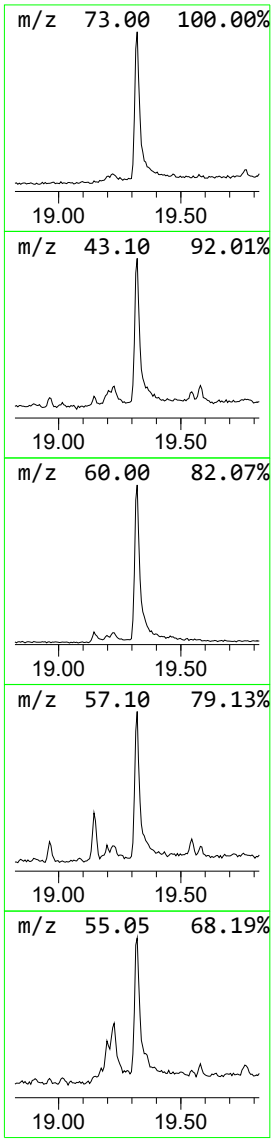
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	5.86 ng	1080730	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

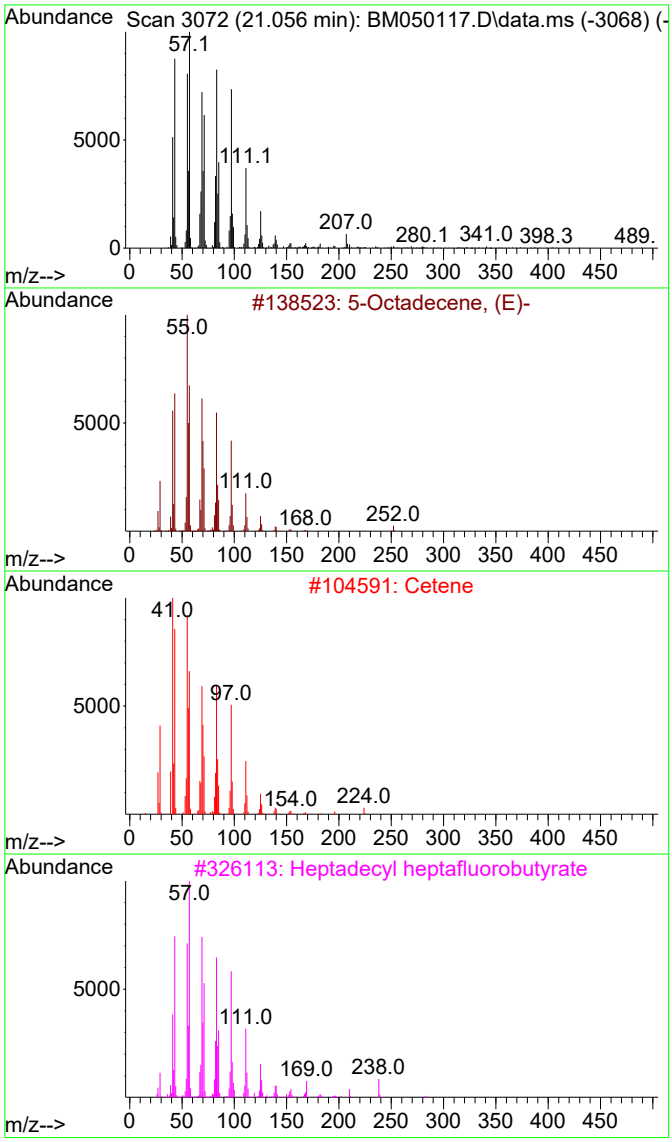
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

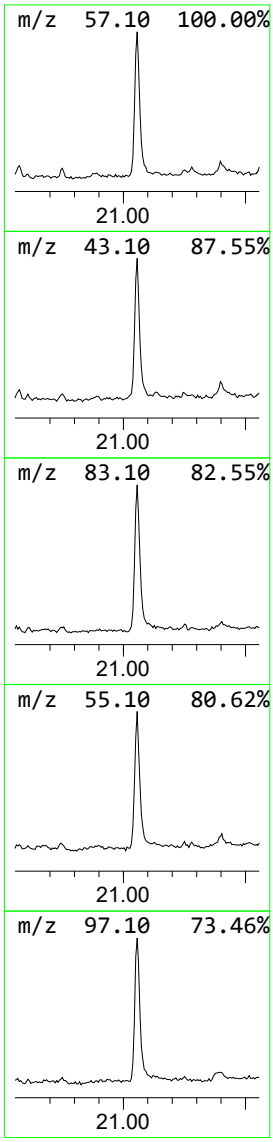
****

Peak Number 5 5-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	5.94 ng	1095460	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2	Cetene	224	C16H32	000629-73-2	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

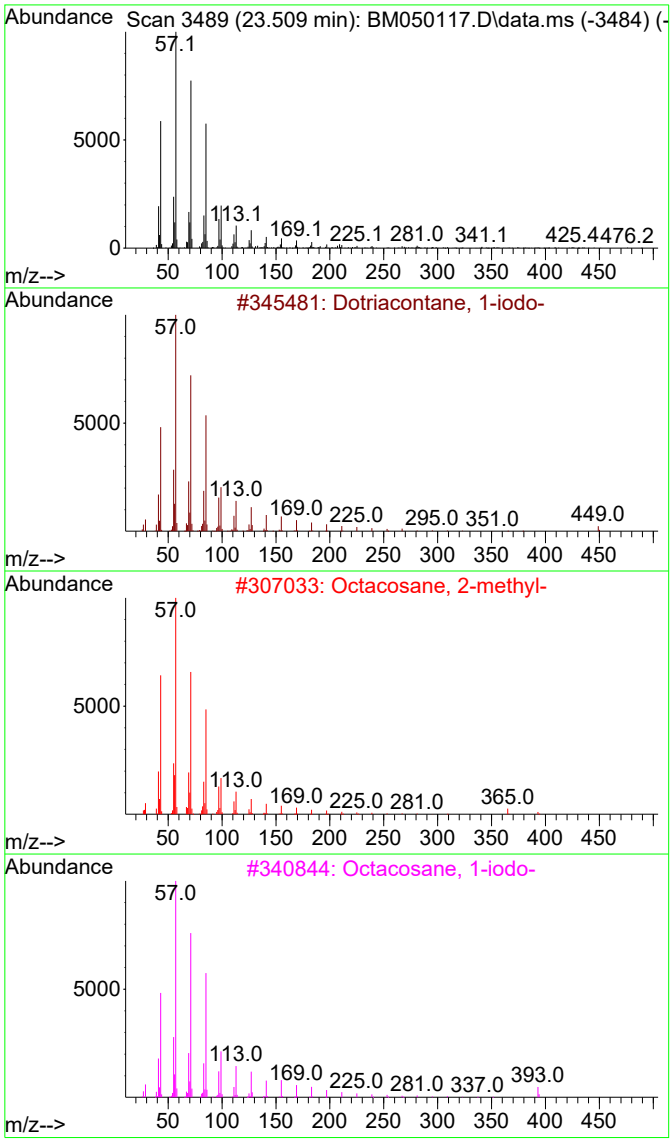
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

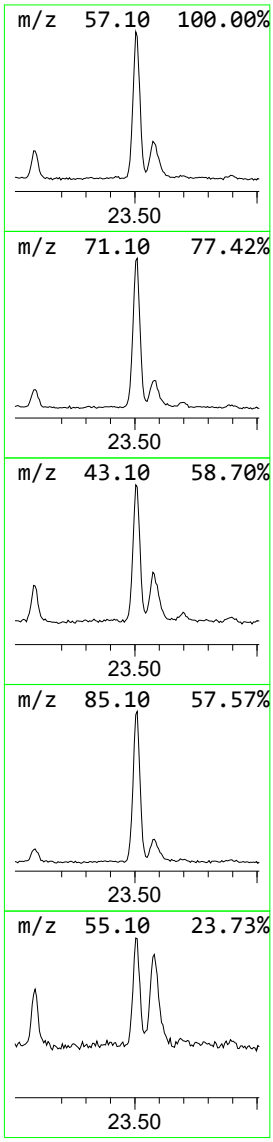
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dotriacontane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.509	5.76 ng	981124	Perylene-d12	24.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	90





Sample Results: **BM050117.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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-...	4.869	5.6	ng	444464	1	7.745	1599210	20.0
Benzophenone	15.751	7.2	ng	1056210	3	14.392	2954630	20.0
n-Hexadecanoic ...	18.045	22.8	ng	3827780	4	17.139	3354990	20.0
Octadecanoic acid	19.321	5.9	ng	1080730	5	21.386	3686060	20.0
5-Octadecene, (E)-	21.056	5.9	ng	1095460	5	21.386	3686060	20.0
Dotriacontane, ...	23.509	5.8	ng	981124	6	24.374	3406620	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: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: BNA_M Calibration Date(s): 04/28/2025 04/28/2025

Calibration Time(s): 12:30 17:04

LAB FILE ID: RRF2.5 = BM050024.D RRF005 = BM050025.D RRF010 = BM050026.D
RRF020 = BM050027.D RRF040 = BM050028.D RRF050 = BM050029.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.142	5.0
Benzaldehyde		0.940	0.920	0.971	1.031	1.013	0.961	5.1
Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.436	7.1
Phenol		1.349	1.344	1.420	1.539	1.537	1.453	5.7
bis(2-Chloroethyl)ether		1.213	1.105	1.176	1.279	1.271	1.214	4.9
2-Chlorophenol		1.169	1.161	1.198	1.312	1.301	1.235	5.0
2-Methylphenol		0.857	0.893	0.931	1.033	1.026	0.957	7.0
2,2-oxybis(1-Chloropropane)		1.487	1.422	1.445	1.552	1.513	1.475	3.2
Acetophenone		0.483	0.464	0.485	0.531	0.525	0.497	4.9
3+4-Methylphenols		1.137	1.170	1.267	1.393	1.392	1.293	8.1
n-Nitroso-di-n-propylamine	0.802	0.889	0.885	0.921	1.003	0.988	0.921	7.0
Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.406	5.7
Hexachloroethane		0.552	0.508	0.521	0.556	0.548	0.533	3.8
Nitrobenzene		0.337	0.325	0.345	0.374	0.372	0.351	5.2
Isophorone		0.666	0.648	0.680	0.729	0.729	0.692	4.4
2-Nitrophenol		0.148	0.157	0.172	0.196	0.198	0.179	11.3
2,4-Dimethylphenol		0.263	0.266	0.289	0.324	0.322	0.297	8.4
bis(2-Chloroethoxy)methane		0.407	0.399	0.422	0.455	0.452	0.428	4.9
2,4-Dichlorophenol		0.294	0.298	0.326	0.362	0.359	0.333	8.5
Naphthalene		1.001	0.959	0.993	1.066	1.057	1.013	3.8
4-Chloroaniline		0.361	0.393	0.404	0.441	0.448	0.415	7.5
Hexachlorobutadiene		0.253	0.240	0.249	0.270	0.270	0.258	4.3
Caprolactam		0.090	0.085	0.095	0.104	0.104	0.097	7.7
4-Chloro-3-methylphenol		0.289	0.283	0.302	0.325	0.329	0.308	5.7
2-Methylnaphthalene		0.656	0.639	0.662	0.713	0.714	0.679	4.2
Hexachlorocyclopentadiene			0.303	0.362	0.455	0.468	0.423	17.3
2,4,6-Trichlorophenol		0.372	0.381	0.423	0.476	0.485	0.439	10.8
2-Fluorobiphenyl		1.588	1.555	1.632	1.807	1.822	1.691	6.2
2,4,5-Trichlorophenol		0.410	0.417	0.453	0.517	0.519	0.474	9.8
1,1-Biphenyl		1.427	1.395	1.452	1.573	1.581	1.487	4.8
2-Chloronaphthalene		1.126	1.112	1.155	1.250	1.248	1.177	4.7
2-Nitroaniline		0.238	0.242	0.269	0.302	0.304	0.276	10.0
Dimethylphthalate		1.444	1.377	1.437	1.532	1.543	1.462	4.0
Acenaphthylene		1.794	1.715	1.810	1.972	1.971	1.857	5.1

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: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: BNA_M Calibration Date(s): 04/28/2025 04/28/2025

Calibration Time(s): 12:30 17:04

LAB FILE ID: RRF2.5 = BM050024.D RRF005 = BM050025.D RRF010 = BM050026.D
RRF020 = BM050027.D RRF040 = BM050028.D RRF050 = BM050029.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.266	0.271	0.299	0.327	0.331	0.303	8.5
3-Nitroaniline		0.233	0.247	0.284	0.321	0.325	0.289	12.5
Acenaphthene		1.038	0.998	1.046	1.133	1.145	1.075	4.9
2,4-Dinitrophenol			0.100	0.132	0.178	0.194	0.164	23.6
4-Nitrophenol			0.128	0.180	0.224	0.237	0.205	21.0
Dibenzofuran		1.749	1.681	1.749	1.876	1.888	1.788	4.2
2,4-Dinitrotoluene		0.338	0.366	0.412	0.456	0.468	0.418	11.7
Diethylphthalate		1.372	1.301	1.380	1.433	1.451	1.377	3.9
4-Chlorophenyl-phenylether		0.741	0.716	0.770	0.857	0.871	0.804	7.6
Fluorene		1.387	1.343	1.431	1.558	1.573	1.463	5.8
4-Nitroaniline		0.208	0.234	0.277	0.313	0.321	0.279	15.2
4,6-Dinitro-2-methylphenol			0.088	0.110	0.135	0.142	0.125	17.2
n-Nitrosodiphenylamine		0.580	0.572	0.596	0.655	0.657	0.614	5.6
2,4,6-Tribromophenol		0.253	0.249	0.281	0.318	0.329	0.296	11.6
4-Bromophenyl-phenylether		0.223	0.216	0.229	0.258	0.258	0.242	7.6
Hexachlorobenzene		0.265	0.251	0.264	0.294	0.295	0.279	6.5
Atrazine		0.196	0.198	0.214	0.236	0.242	0.222	8.5
Pentachlorophenol			0.117	0.141	0.167	0.172	0.157	14.5
Phenanthrene		1.075	1.035	1.083	1.187	1.212	1.128	5.8
Anthracene		1.062	1.038	1.096	1.214	1.236	1.142	6.8
Carbazole		0.909	0.900	0.960	1.054	1.075	0.991	7.1
Di-n-butylphthalate		1.106	1.082	1.151	1.246	1.277	1.180	6.2
Fluoranthene		1.178	1.142	1.250	1.410	1.455	1.324	9.9
Pyrene		1.290	1.255	1.332	1.518	1.520	1.404	7.8
Terphenyl-d14		1.176	1.189	1.332	1.524	1.541	1.352	11.6
Butylbenzylphthalate		0.489	0.479	0.515	0.562	0.568	0.526	6.5
3,3-Dichlorobenzidine		0.434	0.432	0.483	0.580	0.597	0.527	14.1
Benzo(a)anthracene		1.280	1.231	1.321	1.478	1.479	1.377	7.2
Chrysene		1.208	1.170	1.214	1.342	1.369	1.275	6.0
Bis(2-ethylhexyl)phthalate		0.726	0.725	0.775	0.843	0.852	0.786	6.6
Di-n-octyl phthalate		1.221	1.197	1.267	1.366	1.404	1.296	5.9
Benzo(b)fluoranthene		1.128	1.149	1.209	1.406	1.415	1.301	10.2
Benzo(k)fluoranthene		1.219	1.150	1.251	1.387	1.449	1.316	8.3
Benzo(a)pyrene		1.094	1.066	1.147	1.295	1.330	1.218	9.2
Indeno(1,2,3-cd)pyrene		1.301	1.293	1.404	1.602	1.646	1.490	10.3

All other compounds must meet a minimum RRF of 0.010.

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: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: BNA_M Calibration Date(s): 04/28/2025 04/28/2025

Calibration Time(s): 12:30 17:04

LAB FILE ID: RRF2.5 = BM050024.D RRF005 = BM050025.D RRF010 = BM050026.D
RRF020 = BM050027.D RRF040 = BM050028.D RRF050 = BM050029.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.056	1.044	1.142	1.300	1.347	1.215	10.7
Benzo(g,h,i)perylene		1.066	1.030	1.105	1.236	1.268	1.163	8.1
1,2,4,5-Tetrachlorobenzene		0.624	0.622	0.655	0.742	0.745	0.692	8.2
1,4-Dioxane		0.506	0.464	0.478	0.511	0.504	0.490	3.8
2,3,4,6-Tetrachlorophenol		0.366	0.362	0.398	0.435	0.445	0.410	8.4

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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050024.D 5 =BM050025.D 10 =BM050026.D 20 =BM050027.D 40 =BM050028.D 50 =BM050029.D 60 =BM050030.D 80 =BM0500
31.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.506	0.464	0.478	0.511	0.504	0.491	0.473	0.490	3.75
3)		Pyridine		1.201	1.166	1.229	1.331	1.328	1.292	1.261	1.258	5.03
4)		n-Nitrosodimet...		0.487	0.459	0.475	0.522	0.518	0.504	0.490	0.493	4.62
5)	S	2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.173	1.142	1.142	5.04
6)		Aniline		1.657	1.689	1.768	1.942	1.922	1.875	1.835	1.813	6.16
7)	S	Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.494	1.469	1.436	7.13
8)		2-Chlorophenol		1.169	1.161	1.198	1.312	1.301	1.268	1.235	1.235	4.96
9)		Benzaldehyde		0.940	0.920	0.971	1.031	1.013	0.956	0.894	0.961	5.08
10)	C	Phenol		1.349	1.344	1.420	1.539	1.537	1.501	1.483	1.453	5.73
11)		bis(2-Chloroet...		1.213	1.105	1.176	1.279	1.271	1.233	1.218	1.213	4.90
12)		1,3-Dichlorobe...		1.483	1.428	1.453	1.566	1.552	1.508	1.453	1.492	3.51
13)	C	1,4-Dichlorobe...		1.518	1.418	1.463	1.561	1.557	1.516	1.458	1.499	3.60
14)		1,2-Dichlorobe...		1.420	1.393	1.423	1.522	1.506	1.464	1.405	1.448	3.50
15)		Benzyl Alcohol		0.866	0.881	0.966	1.080	1.074	1.050	1.050	0.996	9.16
16)		2,2'-oxybis(1-...		1.487	1.422	1.445	1.552	1.513	1.473	1.433	1.475	3.17
17)		2-Methylphenol		0.857	0.893	0.931	1.033	1.026	0.988	0.975	0.957	6.96
18)		Hexachloroethane		0.552	0.508	0.521	0.556	0.548	0.533	0.510	0.533	3.79
19)	P	n-Nitroso-di-n...	0.802	0.889	0.885	0.921	1.003	0.988	0.949	0.928	0.921	6.95
20)		3+4-Methylphenols		1.137	1.170	1.267	1.393	1.392	1.349	1.341	1.293	8.09
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.483	0.464	0.485	0.531	0.525	0.506	0.487	0.497	4.94
23)	S	Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.417	0.400	0.406	5.68
24)		Nitrobenzene		0.337	0.325	0.345	0.374	0.372	0.358	0.346	0.351	5.16
25)		Isophorone		0.666	0.648	0.680	0.729	0.729	0.704	0.687	0.692	4.44
26)	C	2-Nitrophenol		0.148	0.157	0.172	0.196	0.198	0.192	0.191	0.179	11.33
27)		2,4-Dimethylph...		0.263	0.266	0.289	0.324	0.322	0.312	0.305	0.297	8.42
28)		bis(2-Chloroet...		0.407	0.399	0.422	0.455	0.452	0.434	0.425	0.428	4.92
29)	C	2,4-Dichloroph...		0.294	0.298	0.326	0.362	0.359	0.351	0.342	0.333	8.47
30)		1,2,4-Trichlor...		0.400	0.384	0.394	0.427	0.426	0.412	0.399	0.406	4.02
31)		Naphthalene		1.001	0.959	0.993	1.066	1.057	1.023	0.989	1.013	3.80
32)		Benzoic acid			0.138	0.172	0.197	0.206	0.212	0.215	0.190	15.67
33)		4-Chloroaniline		0.361	0.393	0.404	0.441	0.448	0.437	0.423	0.415	7.51
34)	C	Hexachlorobuta...		0.253	0.240	0.249	0.270	0.270	0.263	0.258	0.258	4.34
35)		Caprolactam		0.090	0.085	0.095	0.104	0.104	0.102	0.100	0.097	7.73
36)	C	4-Chloro-3-met...		0.289	0.283	0.302	0.325	0.329	0.317	0.309	0.308	5.72
37)		2-Methylnaphth...		0.656	0.639	0.662	0.713	0.714	0.692	0.678	0.679	4.22
38)		1-Methylnaphth...		0.703	0.675	0.708	0.753	0.751	0.731	0.710	0.719	3.92

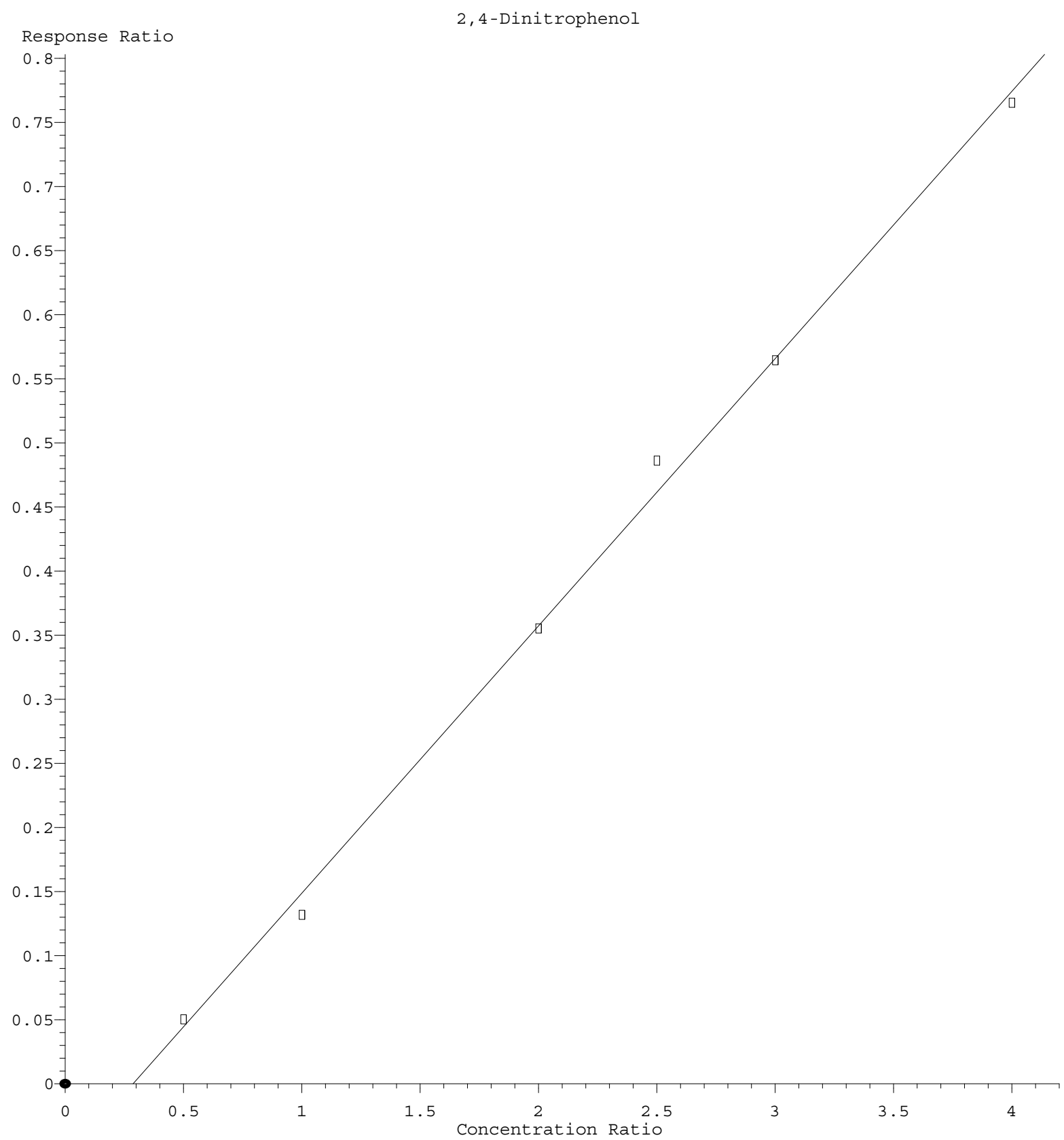
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.624	0.622	0.655	0.742	0.745	0.725	0.733	0.692	8.17
41)	P	Hexachlorocycl...		0.303	0.362	0.455	0.468	0.467	0.483	0.423	17.30
42)	S	2,4,6-Tribromo...	0.253	0.249	0.281	0.318	0.329	0.318	0.323	0.296	11.61
43)	C	2,4,6-Trichlor...	0.372	0.381	0.423	0.476	0.485	0.467	0.469	0.439	10.76
44)		2,4,5-Trichlor...	0.410	0.417	0.453	0.517	0.519	0.501	0.497	0.474	9.83
45)	S	2-Fluorobiphenyl	1.588	1.555	1.632	1.807	1.822	1.744	1.688	1.691	6.21
46)		1,1'-Biphenyl	1.427	1.395	1.452	1.573	1.581	1.507	1.473	1.487	4.77
47)		2-Chloronaphth...	1.126	1.112	1.155	1.250	1.248	1.192	1.158	1.177	4.69
48)		2-Nitroaniline	0.238	0.242	0.269	0.302	0.304	0.294	0.286	0.276	9.96
49)		Acenaphthylene	1.794	1.715	1.810	1.972	1.971	1.889	1.845	1.857	5.10
50)		Dimethylphthalate	1.444	1.377	1.437	1.532	1.543	1.470	1.429	1.462	4.02
51)		2,6-Dinitrotol...	0.266	0.271	0.299	0.327	0.331	0.316	0.309	0.303	8.50
52)	C	Acenaphthene	1.038	0.998	1.046	1.133	1.145	1.094	1.067	1.075	4.93
53)		3-Nitroaniline	0.233	0.247	0.284	0.321	0.325	0.311	0.302	0.289	12.47
54)	P	2,4-Dinitrophenol		0.100	0.132	0.178	0.194	0.188	0.191	0.164	23.65
55)		Dibenzofuran	1.749	1.681	1.749	1.876	1.888	1.810	1.763	1.788	4.17
56)	P	4-Nitrophenol		0.128	0.180	0.224	0.237	0.231	0.231	0.205	20.96
57)		2,4-Dinitrotol...	0.338	0.366	0.412	0.456	0.468	0.447	0.440	0.418	11.72
58)		Fluorene	1.387	1.343	1.431	1.558	1.573	1.500	1.453	1.463	5.84
59)		2,3,4,6-Tetrac...	0.366	0.362	0.398	0.435	0.445	0.432	0.431	0.410	8.44
60)		Diethylphthalate	1.372	1.301	1.380	1.433	1.451	1.376	1.328	1.377	3.86
61)		4-Chlorophenyl...	0.741	0.716	0.770	0.857	0.871	0.836	0.836	0.804	7.58
62)		4-Nitroaniline	0.208	0.234	0.277	0.313	0.321	0.301	0.295	0.279	15.17
63)		Azobenzene	1.118	1.091	1.150	1.216	1.229	1.165	1.110	1.154	4.59
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.088	0.110	0.135	0.142	0.138	0.137	0.125	17.16
66)	c	n-Nitrosodiphe...	0.580	0.572	0.596	0.655	0.657	0.629	0.610	0.614	5.56
67)		4-Bromophenyl-...	0.223	0.216	0.229	0.258	0.258	0.256	0.253	0.242	7.60
68)		Hexachlorobenzene	0.265	0.251	0.264	0.294	0.295	0.291	0.291	0.279	6.49
69)		Atrazine	0.196	0.198	0.214	0.236	0.242	0.234	0.230	0.222	8.47
70)	C	Pentachlorophenol		0.117	0.141	0.167	0.172	0.170	0.174	0.157	14.52
71)		Phenanthrene	1.075	1.035	1.083	1.187	1.212	1.173	1.132	1.128	5.84
72)		Anthracene	1.062	1.038	1.096	1.214	1.236	1.191	1.154	1.142	6.78
73)		Carbazole	0.909	0.900	0.960	1.054	1.075	1.038	0.999	0.991	7.05
74)		Di-n-butylphth...	1.106	1.082	1.151	1.246	1.277	1.231	1.165	1.180	6.25
75)	C	Fluoranthene	1.178	1.142	1.250	1.410	1.455	1.425	1.411	1.324	9.86
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.560	0.646	0.772	0.769	0.765	0.751	0.710	12.36
78)		Pyrene	1.290	1.255	1.332	1.518	1.520	1.465	1.453	1.404	7.83
79)	S	Terphenyl-d14	1.176	1.189	1.332	1.524	1.541	1.458	1.239	1.352	11.58
80)		Butylbenzylpht...	0.489	0.479	0.515	0.562	0.568	0.545	0.524	0.526	6.53
81)		Benzo(a)anthra...	1.280	1.231	1.321	1.478	1.479	1.442	1.408	1.377	7.24
82)		3,3'-Dichlorob...	0.434	0.432	0.483	0.580	0.597	0.583	0.581	0.527	14.14
83)		Chrysene	1.208	1.170	1.214	1.342	1.369	1.325	1.296	1.275	6.03
84)		Bis(2-ethylhex...	0.726	0.725	0.775	0.843	0.852	0.814	0.765	0.786	6.61
85)	c	Di-n-octyl pht...	1.221	1.197	1.267	1.366	1.404	1.341	1.275	1.296	5.92

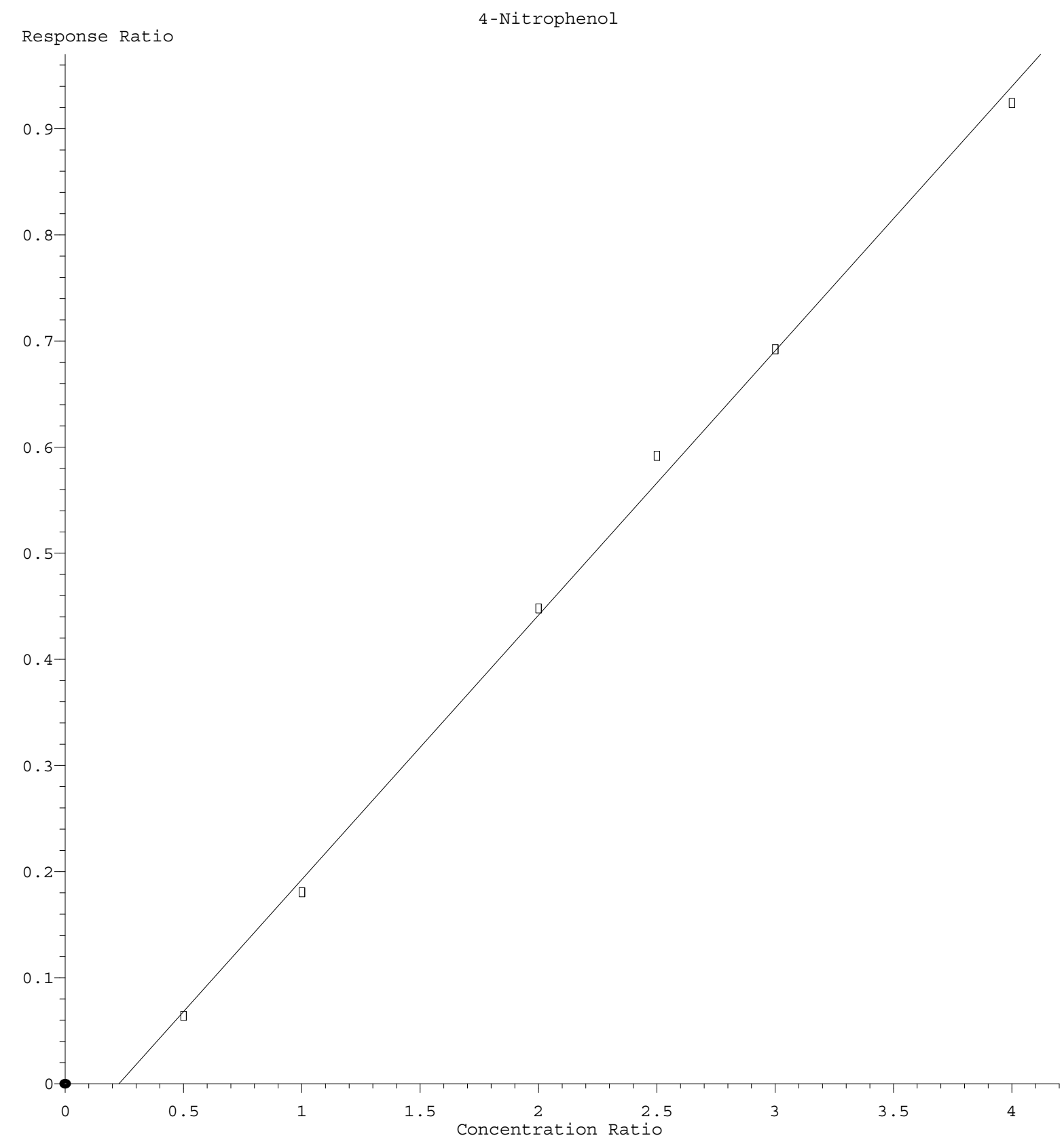
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.301	1.293	1.404	1.602	1.646	1.591	1.595	1.490	10.27
88)		Benzo(b)fluora...	1.128	1.149	1.209	1.406	1.415	1.408	1.390	1.301	10.16
89)		Benzo(k)fluora...	1.219	1.150	1.251	1.387	1.449	1.383	1.372	1.316	8.29
90)	C	Benzo(a)pyrene	1.094	1.066	1.147	1.295	1.330	1.298	1.297	1.218	9.15
91)		Dibenzo(a,h)an...	1.056	1.044	1.142	1.300	1.347	1.305	1.310	1.215	10.72
92)		Benzo(g,h,i)pe...	1.066	1.030	1.105	1.236	1.268	1.224	1.212	1.163	8.07

(#) = Out of Range



Response = 2.086e-001 * Amt - 5.991e-002
Coef of Det (r^2) = 0.997215 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM042825.M
Calibration Table Last Updated: Mon Apr 28 18:09:16 2025



Response = 2.492e-001 * Amt - 5.648e-002
Coef of Det (r^2) = 0.997878 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM042825.M
Calibration Table Last Updated: Mon Apr 28 18:09:16 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241974	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	868675	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	604723	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1218544	20.000	ng	0.00
76) Chrysene-d12	21.404	240	1187007	20.000	ng	0.00
86) Perylene-d12	24.409	264	1217038	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...	8.581	70	24247	2.177	ng	96

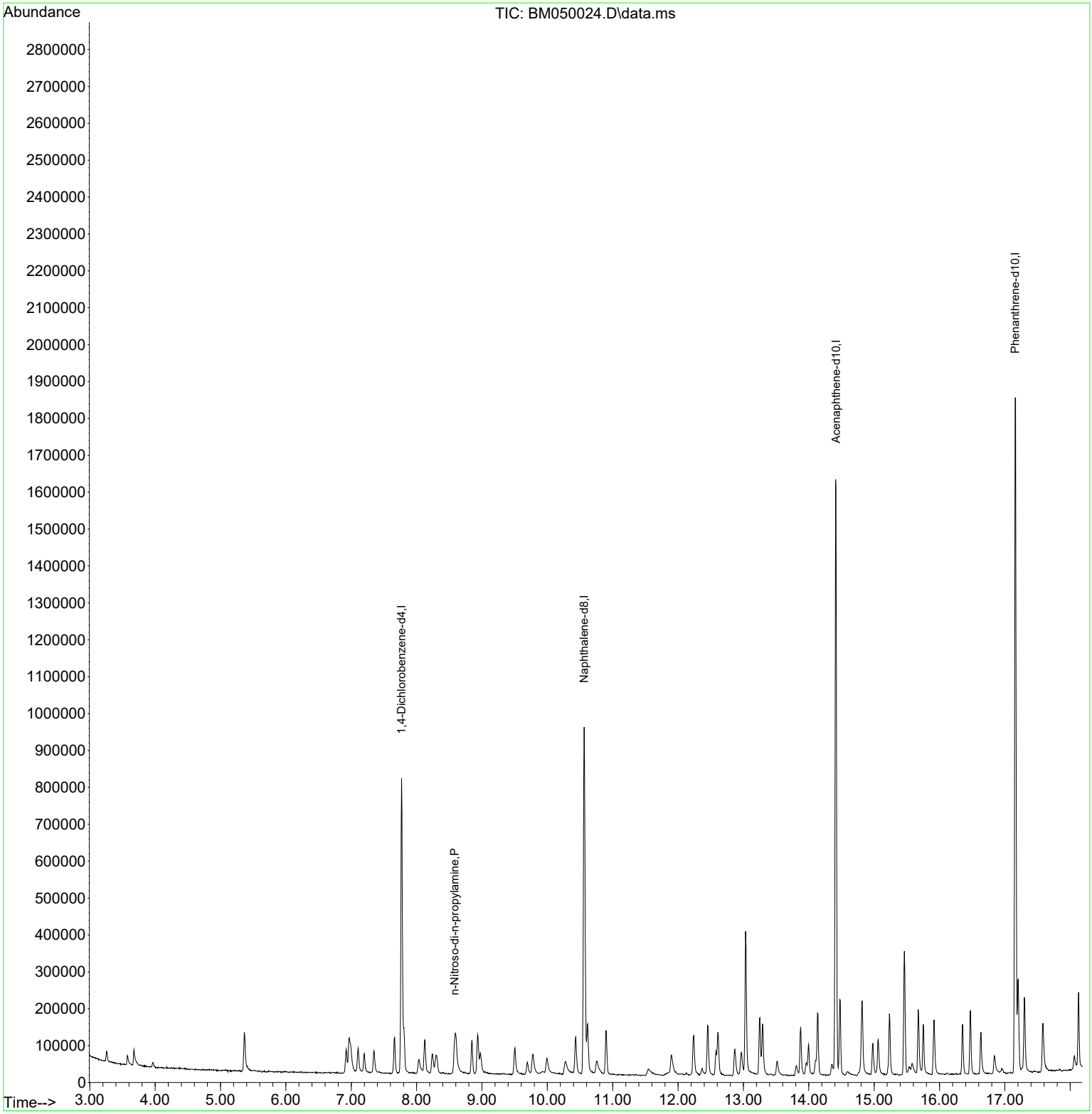
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

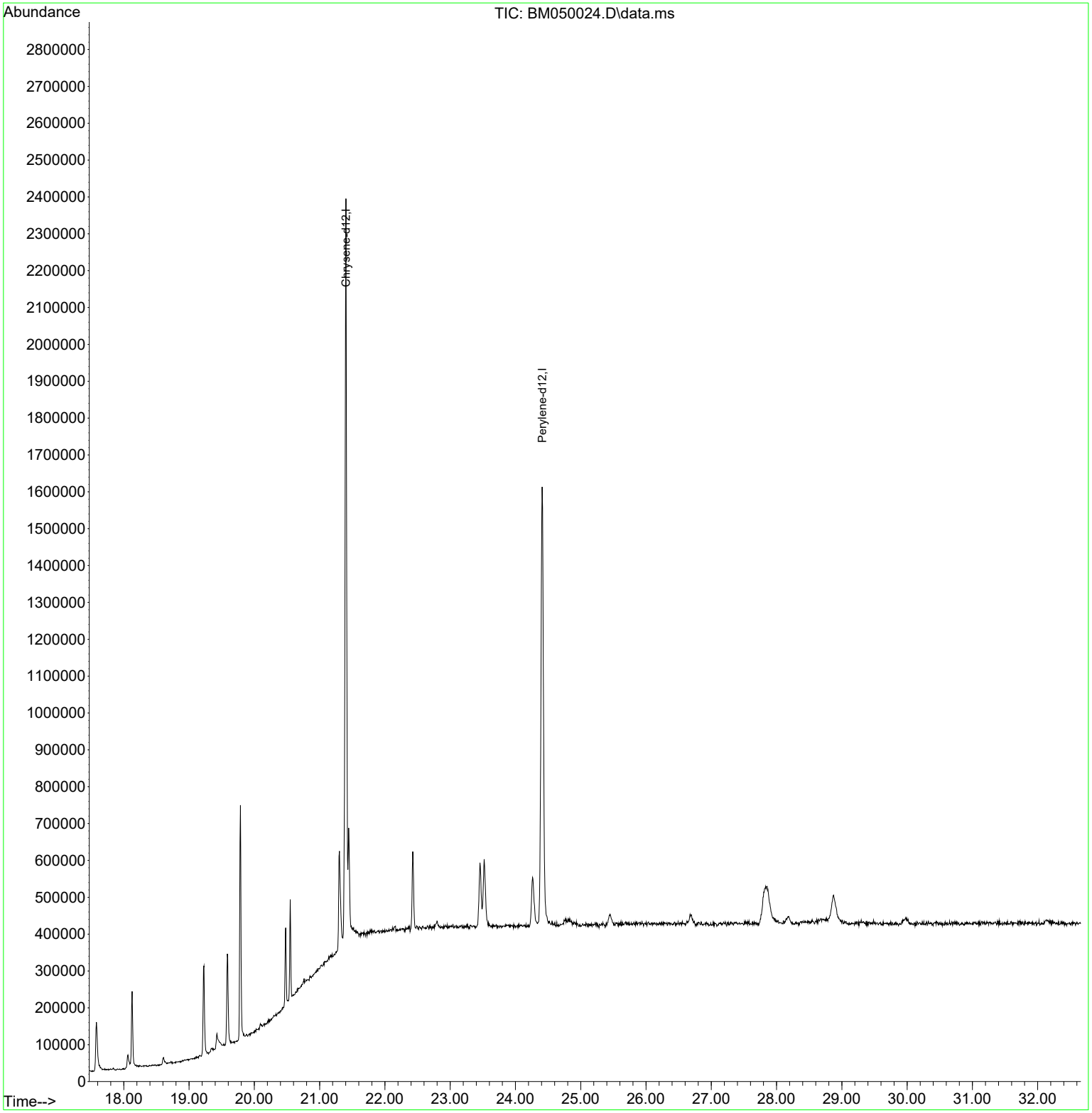


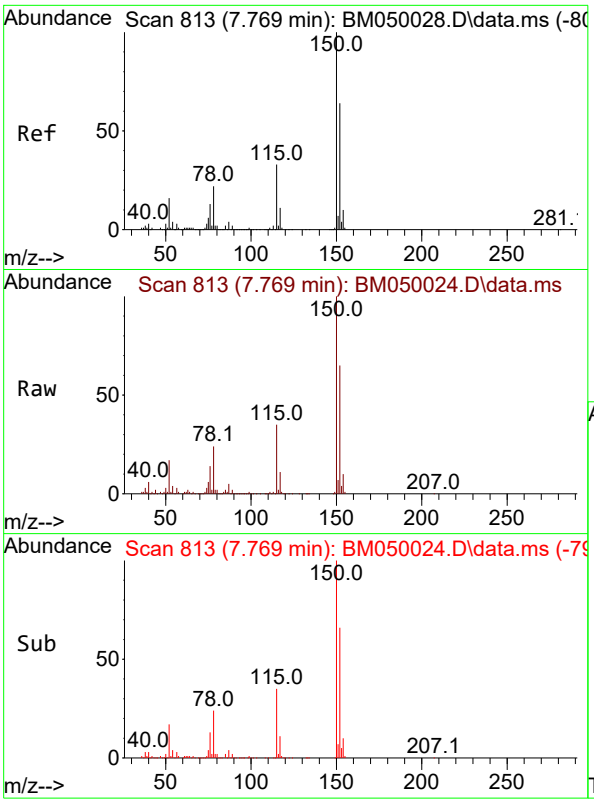
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



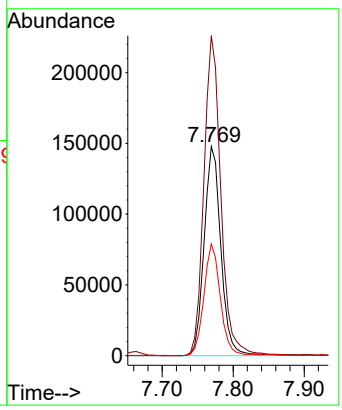


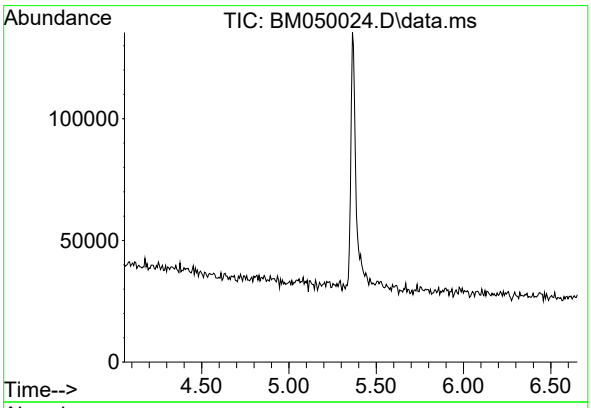
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 241974

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.1	186.1
115	53.4	41.2	61.8



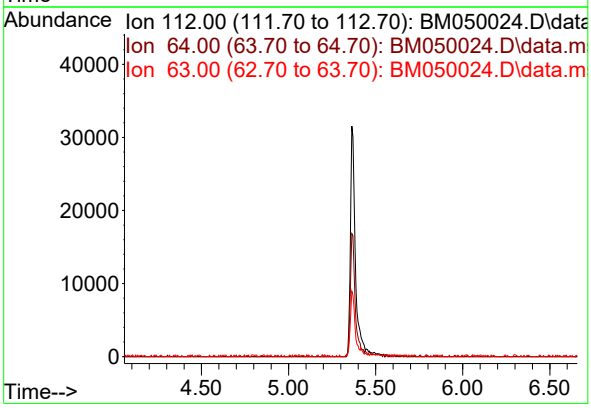


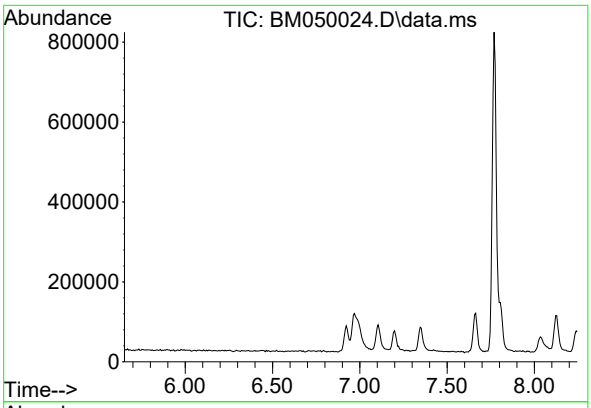
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.36 min

Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	53.3
63	27.8





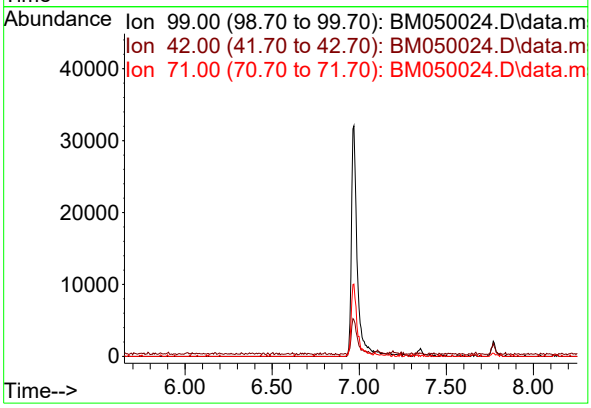
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.95 min

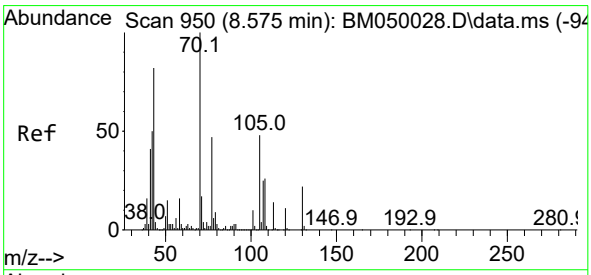
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

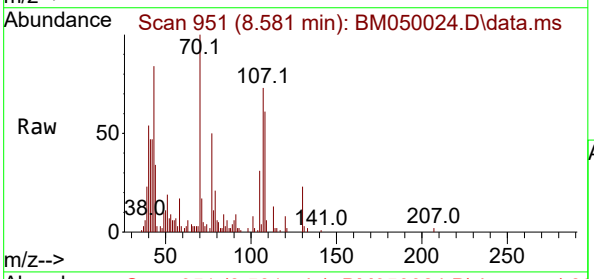
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

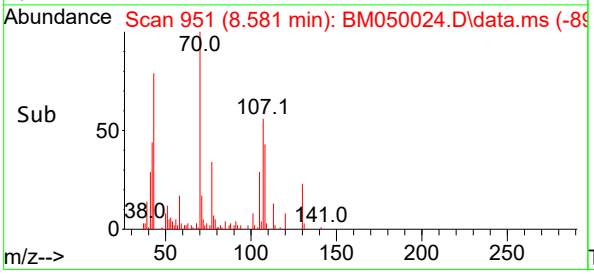
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	16.2
71	32.0





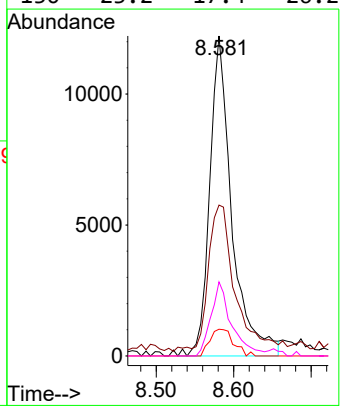


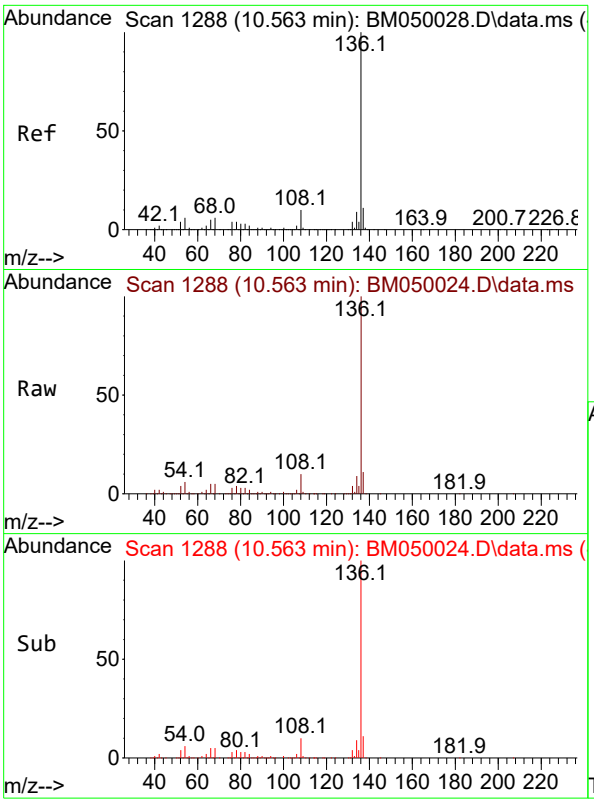


#19
n-Nitroso-di-n-propylamine
Concen: 2.177 ng
RT: 8.581 min Scan# 951
Delta R.T. 0.006 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 70 Resp: 24247

Ion	Ratio	Lower	Upper
70	100		
42	47.1	40.5	60.7
101	8.4	7.8	11.6
130	23.2	17.4	26.2



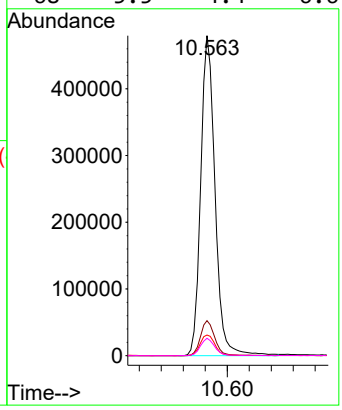


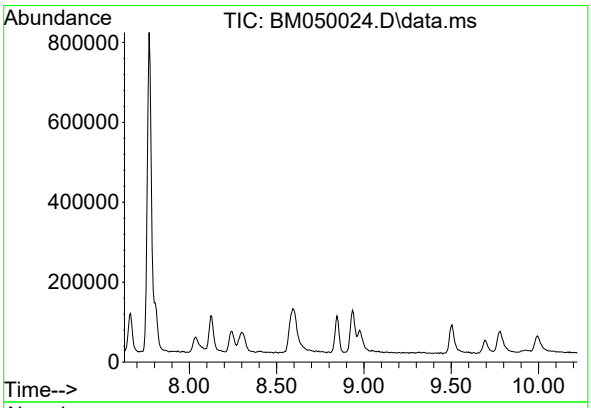
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 868675

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	5.1	7.7
68	5.5	4.4	6.6



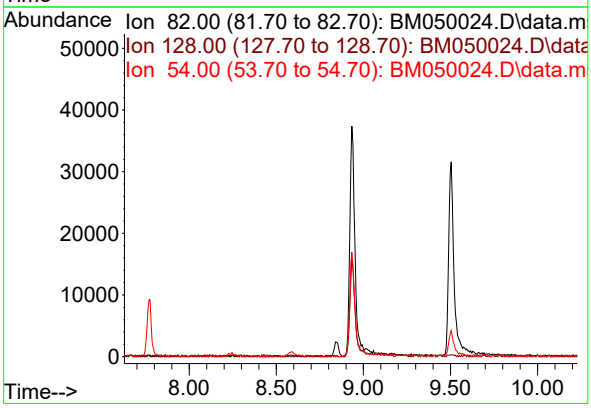


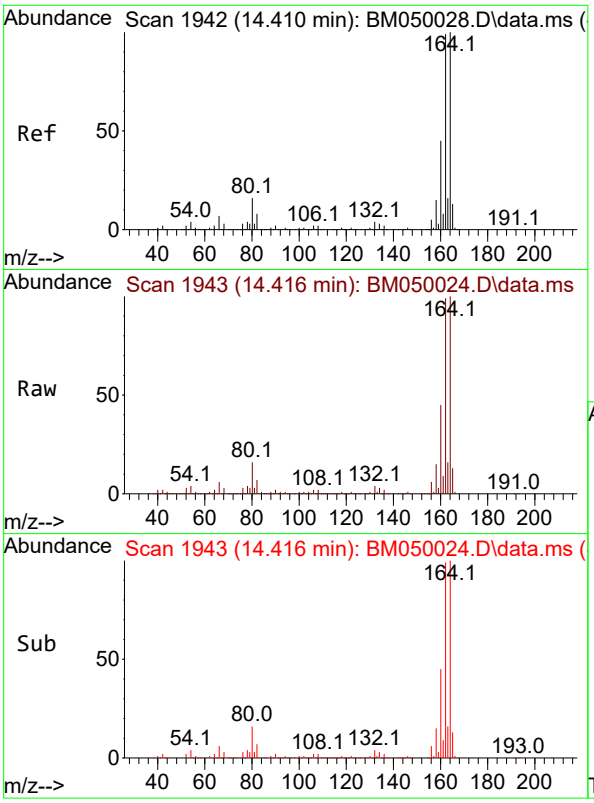
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.93 min

Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.6
54	44.3



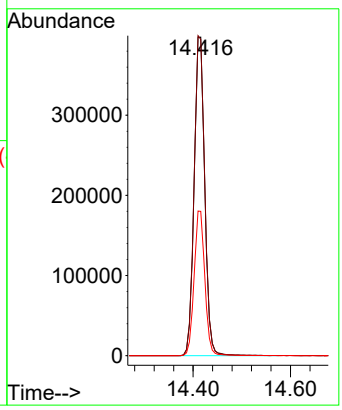


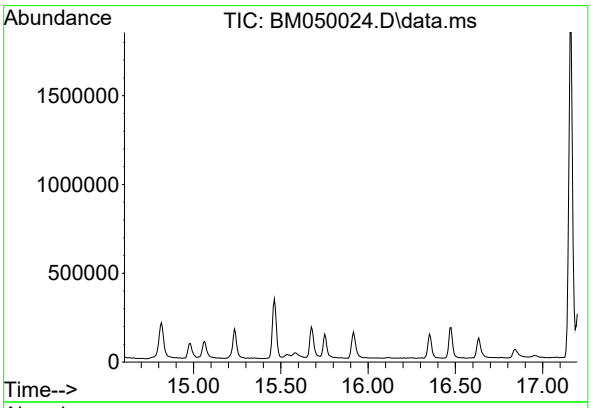
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 604723

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	45.3	36.2	54.4



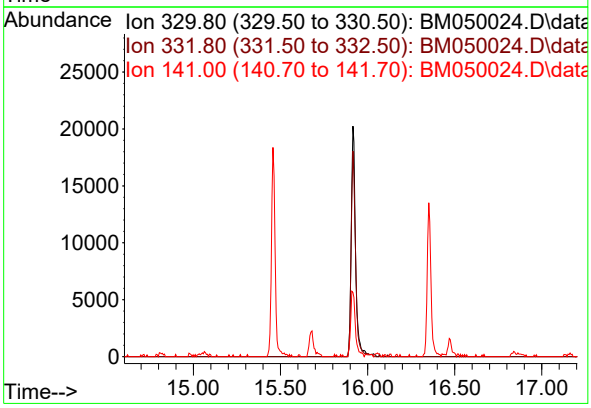


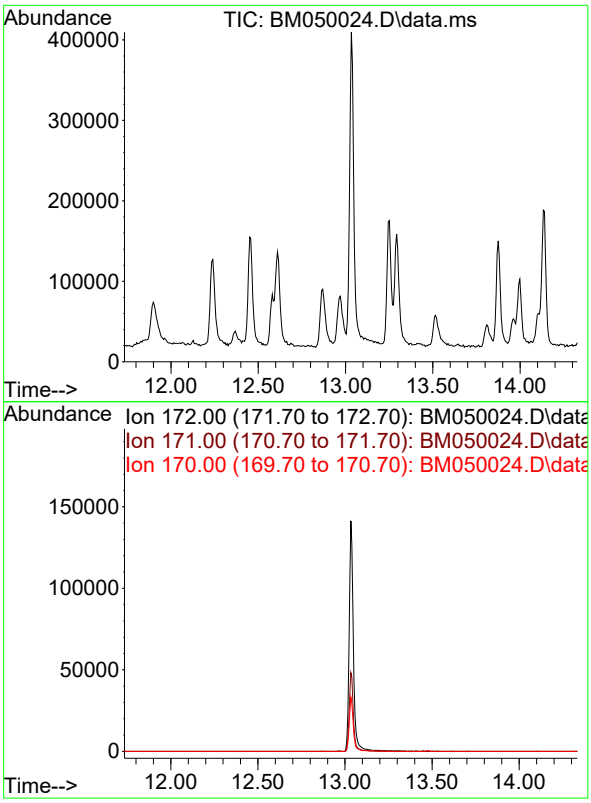
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.90 min

Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	28.1





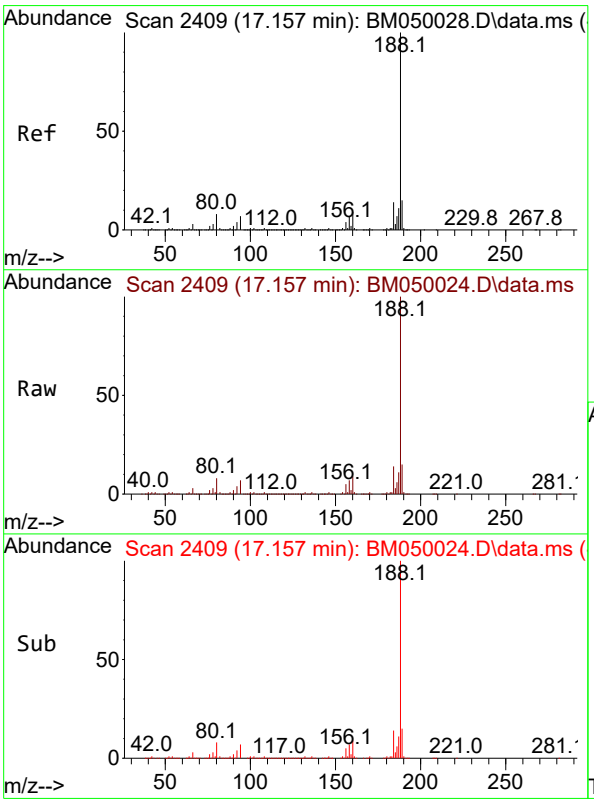
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.03 min

Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

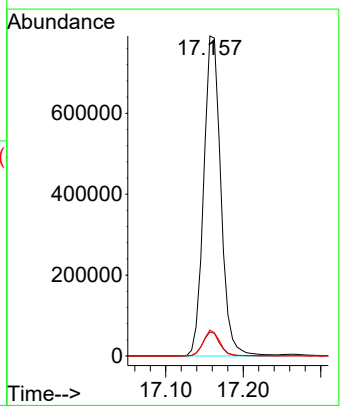
Sig	Exp Ratio
172	100
171	34.7
170	23.3

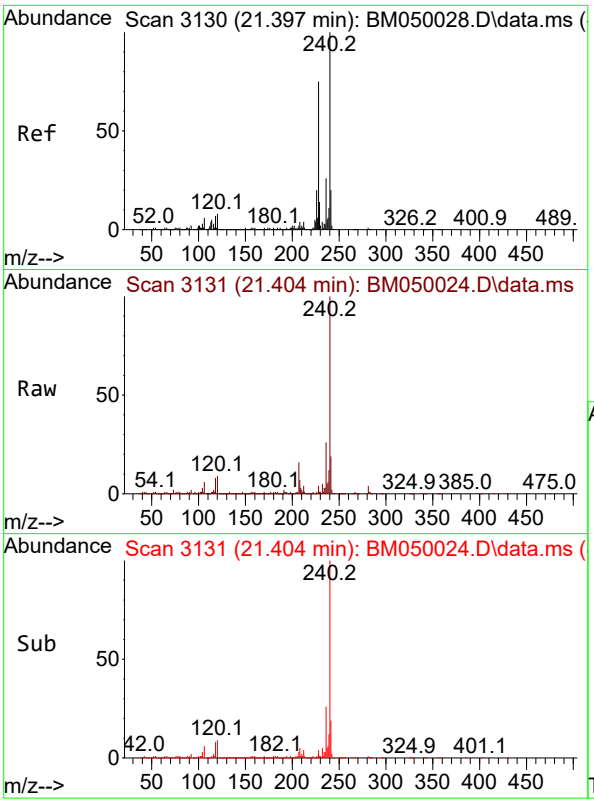


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion:188 Resp: 1218544

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.7	8.5
80	8.1	6.2	9.4



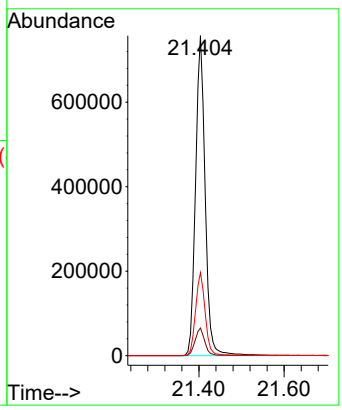


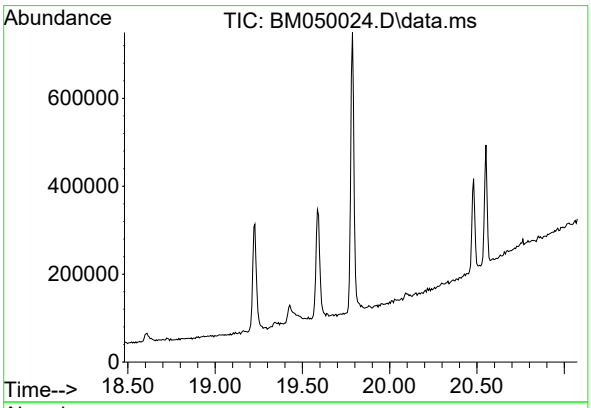
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3
Delta R.T. 0.007 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1187007

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.5	9.7
236	25.9	20.9	31.3



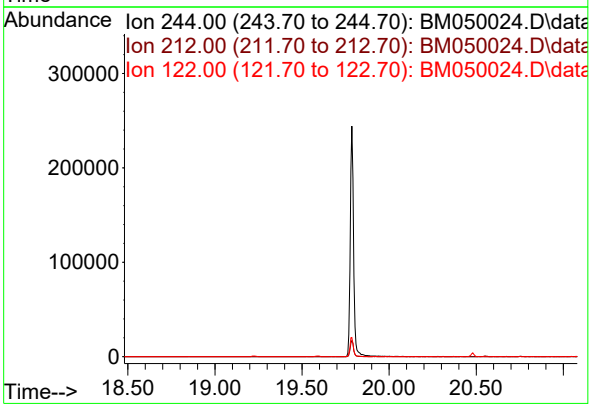


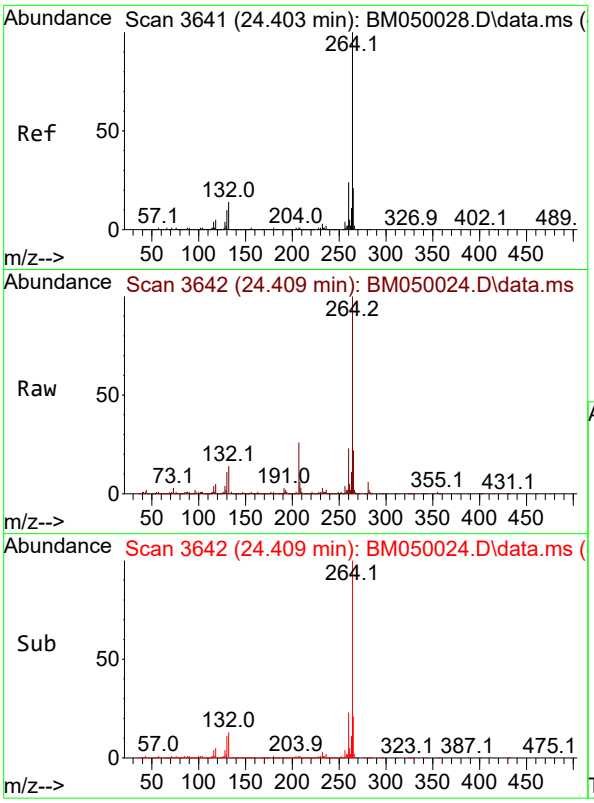
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.78 min

Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	7.0



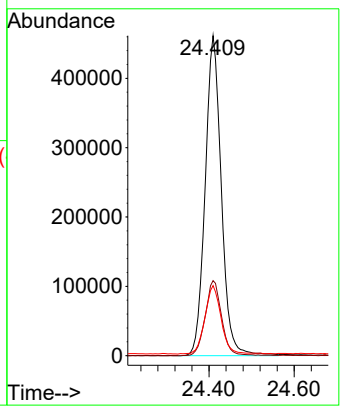


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.409 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1217038

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.9	17.0	25.4



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	222427	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	815362	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	578294	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1183325	20.000	ng		0.00
76) Chrysene-d12	21.403	240	1136162	20.000	ng		0.00
86) Perylene-d12	24.403	264	1149910	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	119473	9.406	ng		0.00
7) Phenol-d6	6.957	99	143453	8.985	ng		0.00
23) Nitrobenzene-d5	8.928	82	157222	9.502	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	73192	8.560	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	459031	9.390	ng		0.00
79) Terphenyl-d14	19.780	244	668289	8.704	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	28163	5.171	ng		98
3) Pyridine	3.669	79	66766	4.771	ng		98
4) n-Nitrosodimethylamine	3.575	42	27060	4.930	ng	#	92
6) Aniline	7.098	93	92126	4.570	ng		97
8) 2-Chlorophenol	7.345	128	64999	4.733	ng		99
9) Benzaldehyde	6.916	77	52286m	4.900	ng		
10) Phenol	6.987	94	75011	4.641	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	67447	4.998	ng		98
12) 1,3-Dichlorobenzene	7.657	146	82466	4.971	ng		98
13) 1,4-Dichlorobenzene	7.804	146	84400	5.064	ng		97
14) 1,2-Dichlorobenzene	8.122	146	78966	4.905	ng		99
15) Benzyl Alcohol	8.022	79	48180	4.352	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.298	45	82711	5.042	ng		93
17) 2-Methylphenol	8.234	107	47632	4.474	ng		99
18) Hexachloroethane	8.845	117	30717	5.185	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	49455	4.830	ng		98
20) 3+4-Methylphenols	8.575	107	63223	4.397	ng	#	91
22) Acetophenone	8.598	105	98358	4.852	ng		98
24) Nitrobenzene	8.975	77	68598	4.795	ng		94
25) Isophorone	9.498	82	135828	4.816	ng		98
26) 2-Nitrophenol	9.692	139	30257	4.140	ng		95
27) 2,4-Dimethylphenol	9.763	122	53660	4.427	ng		99
28) bis(2-Chloroethoxy)met...	9.986	93	82947	4.758	ng		99
29) 2,4-Dichlorophenol	10.263	162	59828	4.406	ng		97
30) 1,2,4-Trichlorobenzene	10.428	180	81624	4.934	ng		97
31) Naphthalene	10.616	128	204133	4.944	ng		98
33) 4-Chloroaniline	10.751	127	73542	4.345	ng		97
34) Hexachlorobutadiene	10.898	225	51529	4.907	ng		98
35) Caprolactam	11.522	113	18349m	4.634	ng		
36) 4-Chloro-3-methylphenol	11.886	107	58843	4.690	ng		97
37) 2-Methylnaphthalene	12.233	142	133679	4.829	ng		97
38) 1-Methylnaphthalene	12.451	142	143332	4.892	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	90168	4.504	ng		98
43) 2,4,6-Trichlorophenol	12.863	196	53748	4.233	ng		96
44) 2,4,5-Trichlorophenol	12.951	196	59224	4.325	ng		98
46) 1,1'-Biphenyl	13.245	154	206296	4.799	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.286	162	162803	4.782	ng		98
48)	2-Nitroaniline	13.504	65	34348	4.299	ng		91
49)	Acenaphthylene	14.133	152	259406	4.832	ng		100
50)	Dimethylphthalate	13.869	163	208800	4.941	ng		100
51)	2,6-Dinitrotoluene	13.992	165	38453	4.395	ng		94
52)	Acenaphthene	14.474	154	150042	4.829	ng		99
53)	3-Nitroaniline	14.339	138	33713	4.036	ng	#	94
55)	Dibenzofuran	14.816	168	252898	4.892	ng		99
57)	2,4-Dinitrotoluene	14.798	165	48901	4.044	ng	#	87
58)	Fluorene	15.463	166	200542	4.739	ng		95
59)	2,3,4,6-Tetrachlorophenol	15.057	232	52899	4.463	ng		97
60)	Diethylphthalate	15.233	149	198362	4.981	ng		98
61)	4-Chlorophenyl-phenyle...	15.457	204	107081	4.607	ng		94
62)	4-Nitroaniline	15.515	138	30138m	3.737	ng		
63)	Azobenzene	15.751	77	161662	4.844	ng		98
66)	n-Nitrosodiphenylamine	15.674	169	171608	4.723	ng		97
67)	4-Bromophenyl-phenylether	16.351	248	66000	4.612	ng		95
68)	Hexachlorobenzene	16.468	284	78506	4.759	ng		99
69)	Atrazine	16.627	200	58110	4.433	ng		99
71)	Phenanthrene	17.198	178	317954	4.764	ng		99
72)	Anthracene	17.292	178	314149	4.651	ng		99
73)	Carbazole	17.574	167	268774	4.586	ng		99
74)	Di-n-butylphthalate	18.127	149	327178	4.688	ng		100
75)	Fluoranthene	19.221	202	348593	4.449	ng		99
78)	Pyrene	19.586	202	366473	4.593	ng		99
80)	Butylbenzylphthalate	20.480	149	138827	4.646	ng		97
81)	Benzo(a)anthracene	21.380	228	363641	4.648	ng		99
82)	3,3'-Dichlorobenzidine	21.315	252	123375	4.119	ng	#	95
83)	Chrysene	21.445	228	343085	4.738	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.297	149	206231	4.620	ng		96
85)	Di-n-octyl phthalate	22.427	149	346799	4.711	ng		98
87)	Indeno(1,2,3-cd)pyrene	27.803	276	373944	4.364	ng	#	87
88)	Benzo(b)fluoranthene	23.456	252	324395	4.338	ng		99
89)	Benzo(k)fluoranthene	23.515	252	350374m	4.631	ng		
90)	Benzo(a)pyrene	24.262	252	314608	4.492	ng		98
91)	Dibenzo(a,h)anthracene	27.856	278	303557	4.346	ng		98
92)	Benzo(g,h,i)perylene	28.862	276	306571	4.585	ng		98

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

ICAL Form

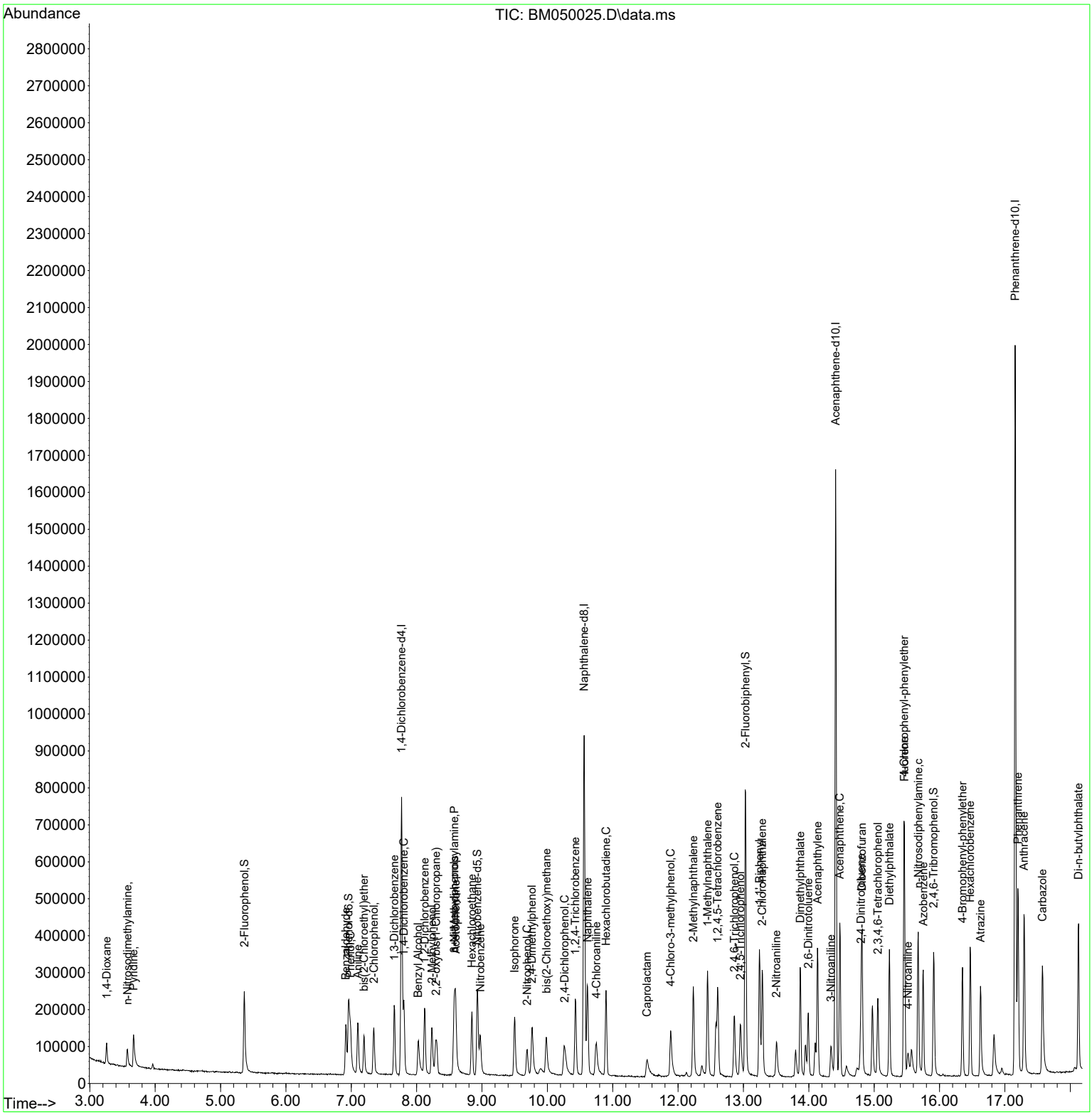
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



ICAL Form

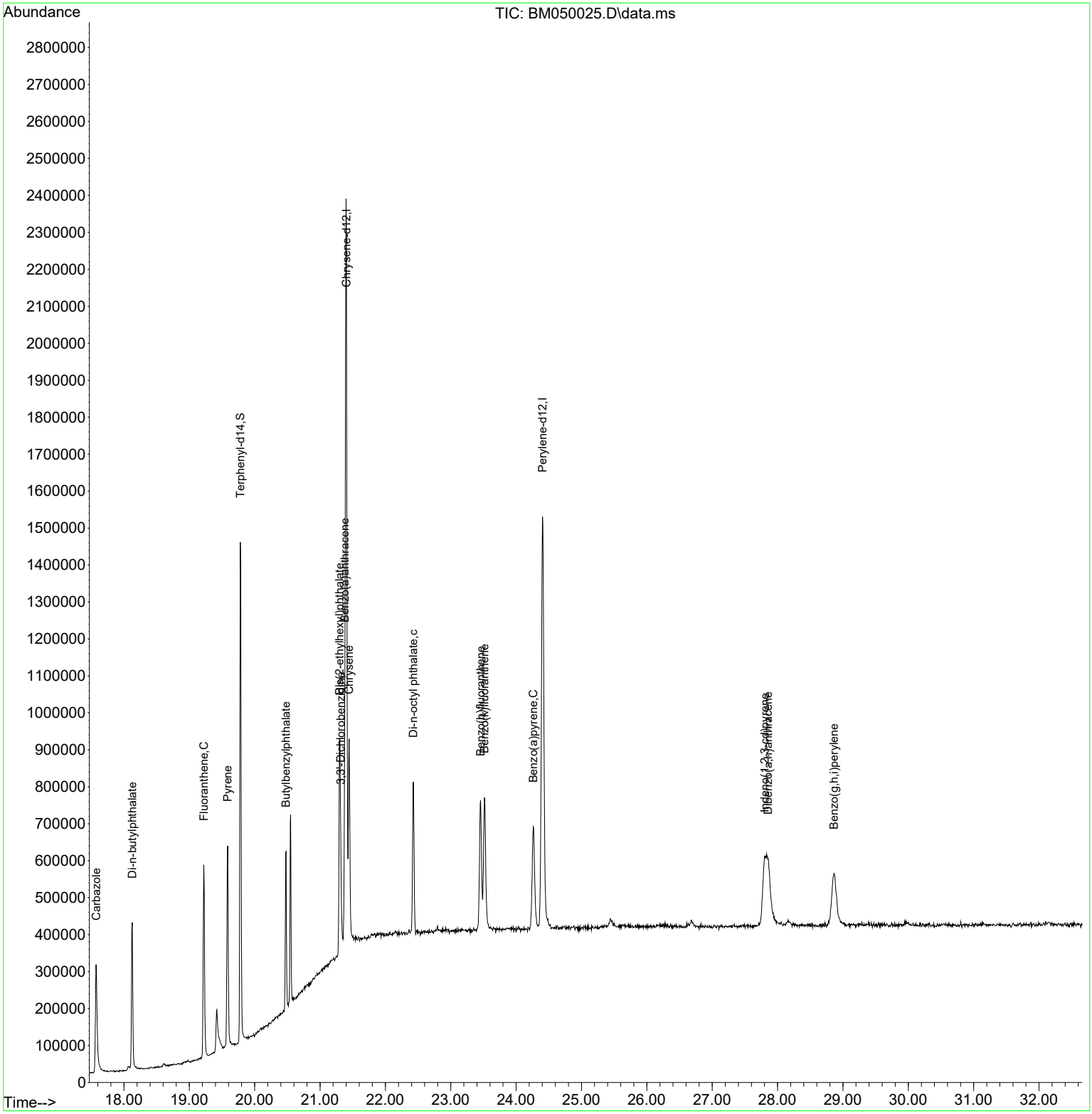
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

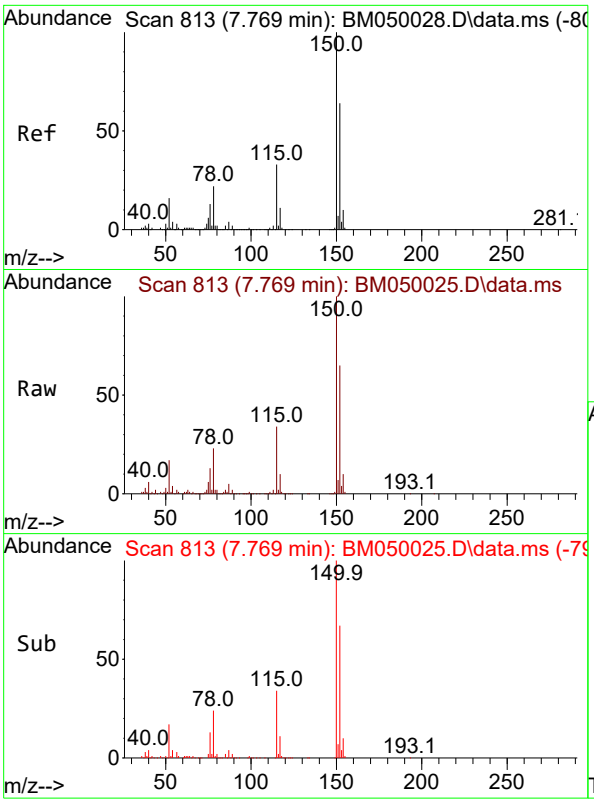
Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

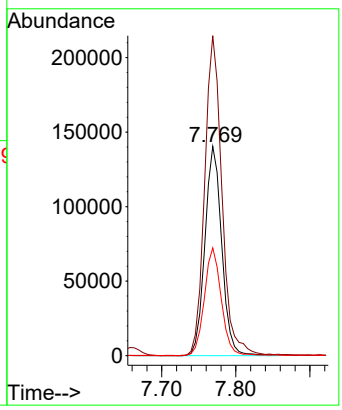




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:152 Resp: 22242

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.1	186.1
115	51.5	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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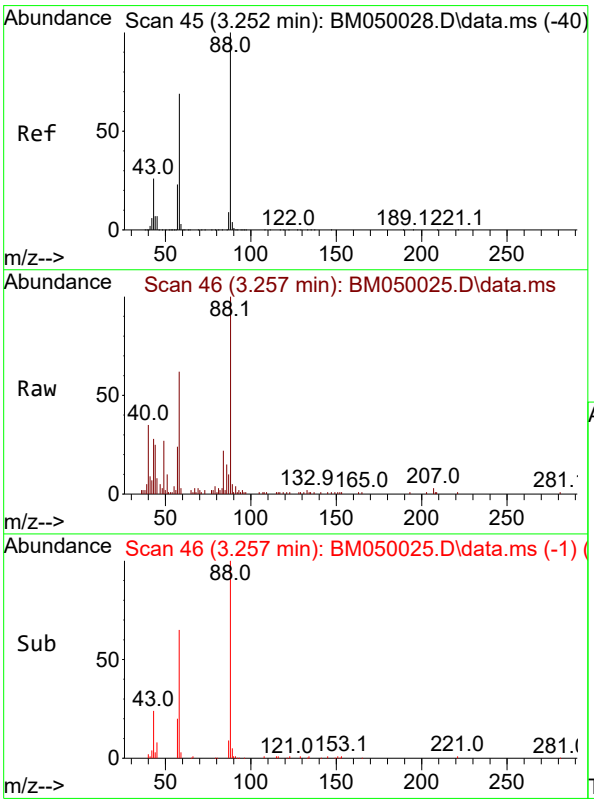
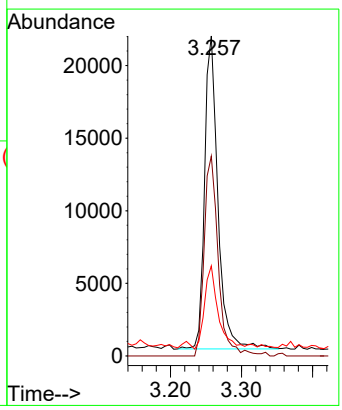
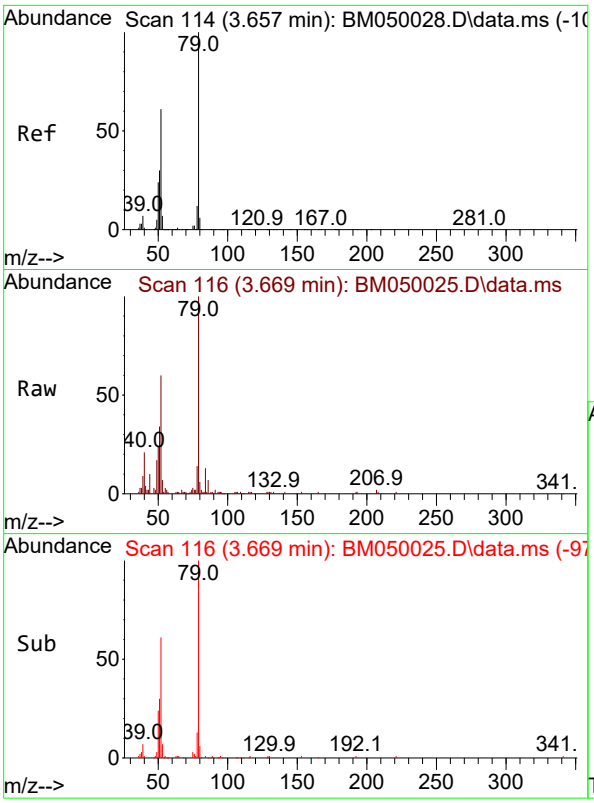


#2
1,4-Dioxane
Concen: 5.171 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 88 Resp: 28163

Ion	Ratio	Lower	Upper
88	100		
58	67.8	55.1	82.7
43	27.3	20.9	31.3

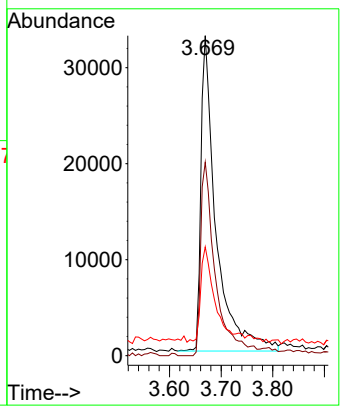




#3
Pyridine
Concen: 4.771 ng
RT: 3.669 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 79 Resp: 6676

Ion	Ratio	Lower	Upper
79	100		
52	60.5	48.6	72.8
51	34.0	24.6	37.0



Instrument :
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ClientSampleId :
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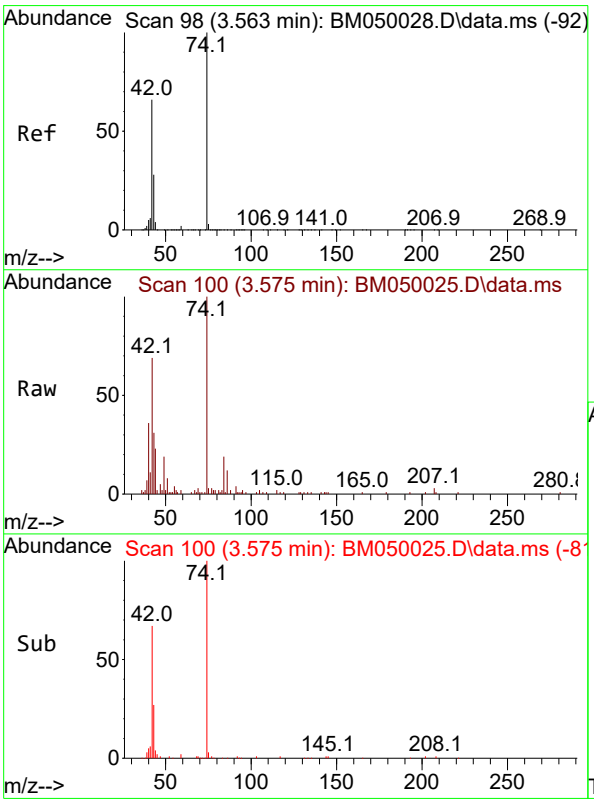
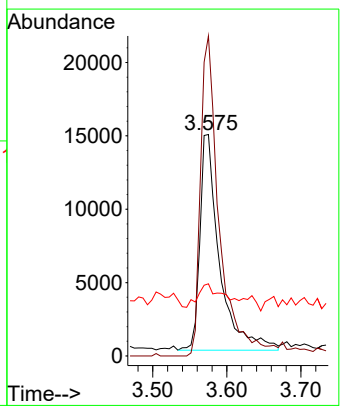
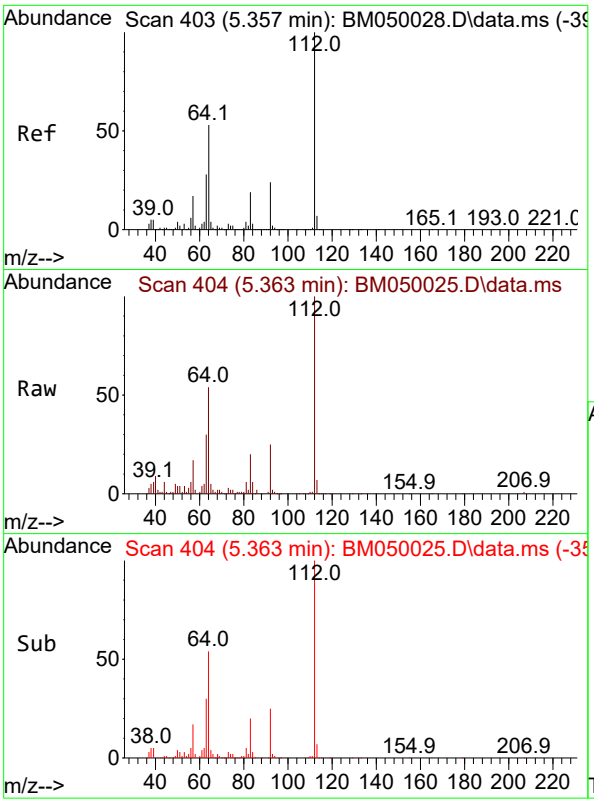


#4
n-Nitrosodimethylamine
Concen: 4.930 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 42 Resp: 27060

Ion	Ratio	Lower	Upper
42	100		
74	144.5	120.2	180.2
44	32.5	6.2	9.2#

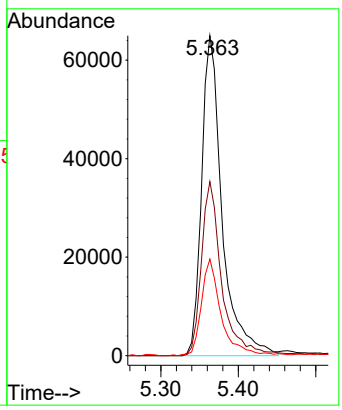




#5
2-Fluorophenol
Concen: 9.406 ng
RT: 5.363 min Scan# 40
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:112 Resp: 11947

Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.6	64.0
63	30.2	22.2	33.4



Instrument :
BNA_M
ClientSampleId :
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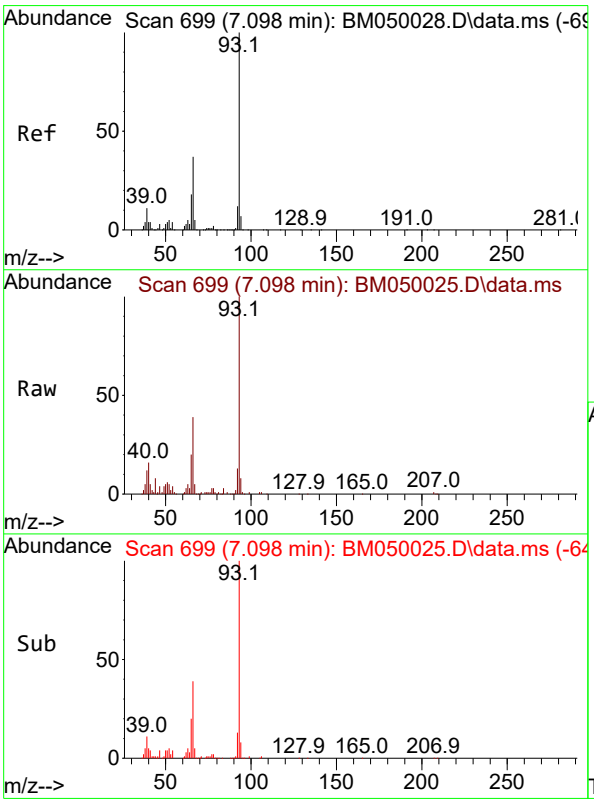
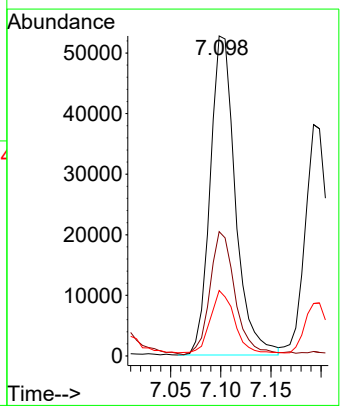
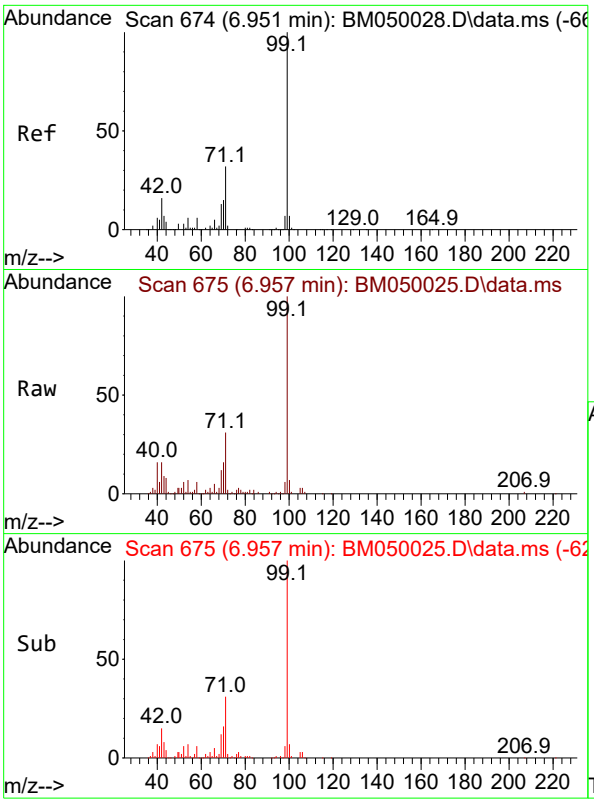


#6
Aniline
Concen: 4.570 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 93 Resp: 92126

Ion	Ratio	Lower	Upper
93	100		
66	38.9	29.9	44.9
65	20.5	14.5	21.7

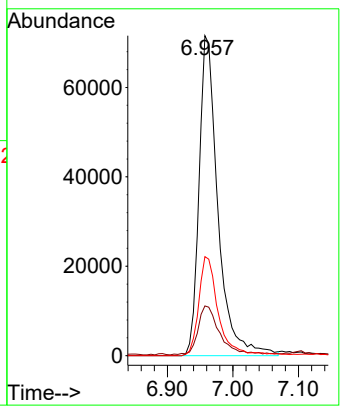




#7
Phenol-d6
Concen: 8.985 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 99 Resp: 14345

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	30.9	25.6	38.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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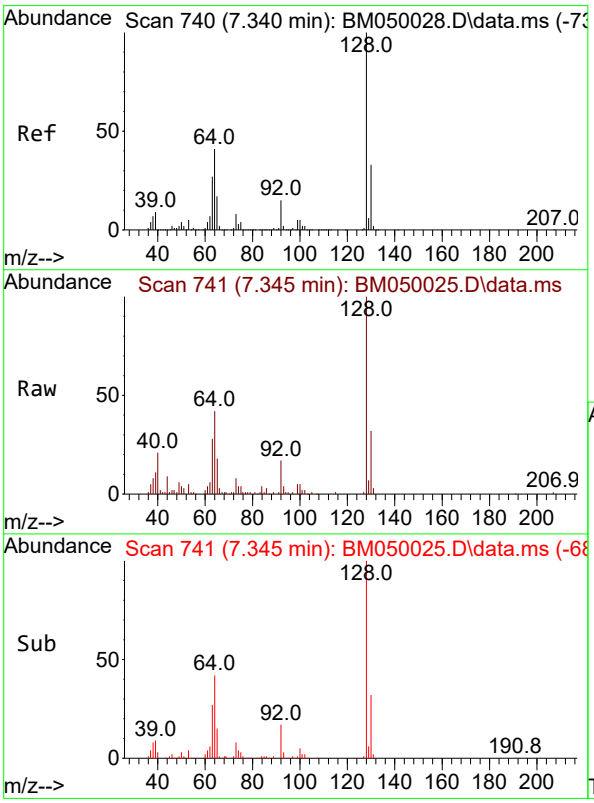
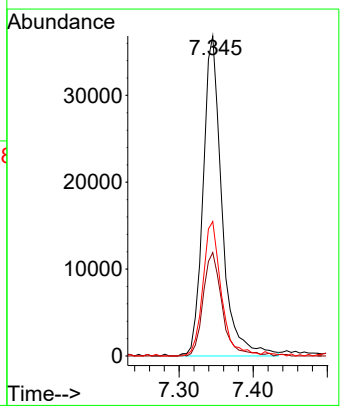
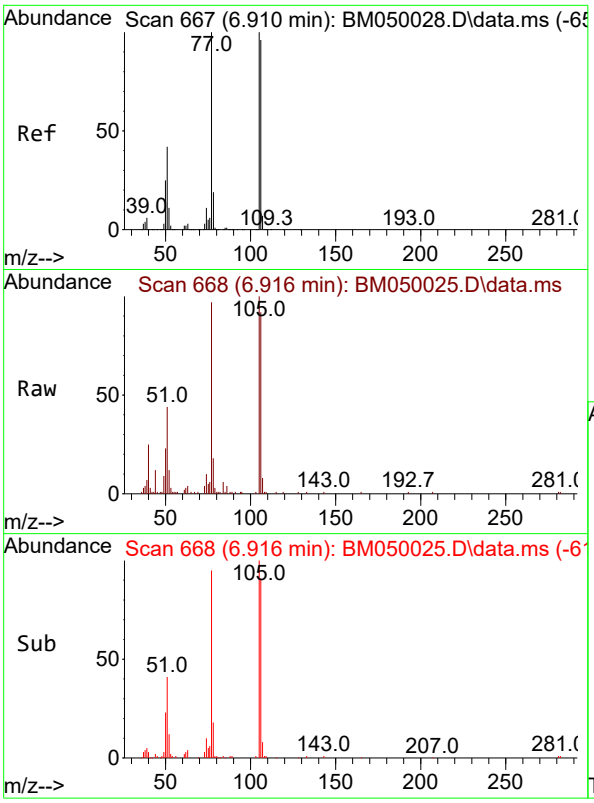


#8
2-Chlorophenol
Concen: 4.733 ng
RT: 7.345 min Scan# 741
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:128 Resp: 64999

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.8	52.8
64	42.0	21.2	61.2

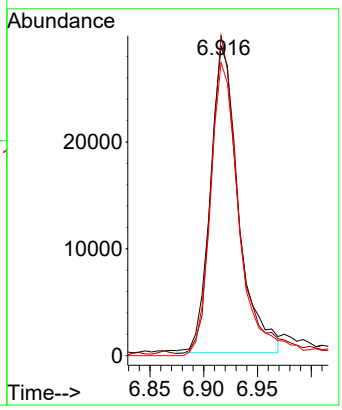




#9
Benzaldehyde
Concen: 4.900 ng m
RT: 6.916 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 77 Resp: 5228

Ion	Ratio	Lower	Upper
77	100		
105	103.4	80.5	120.5
106	94.6	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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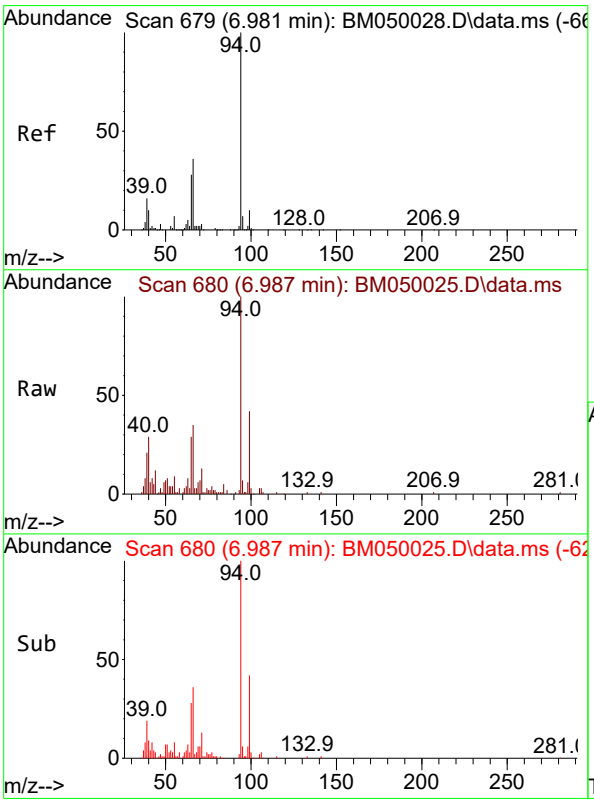
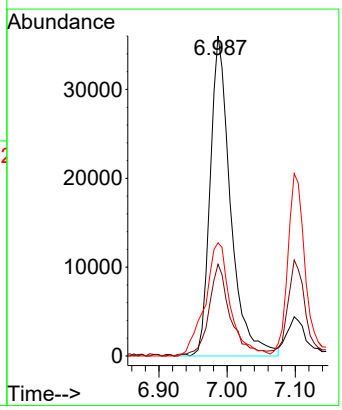
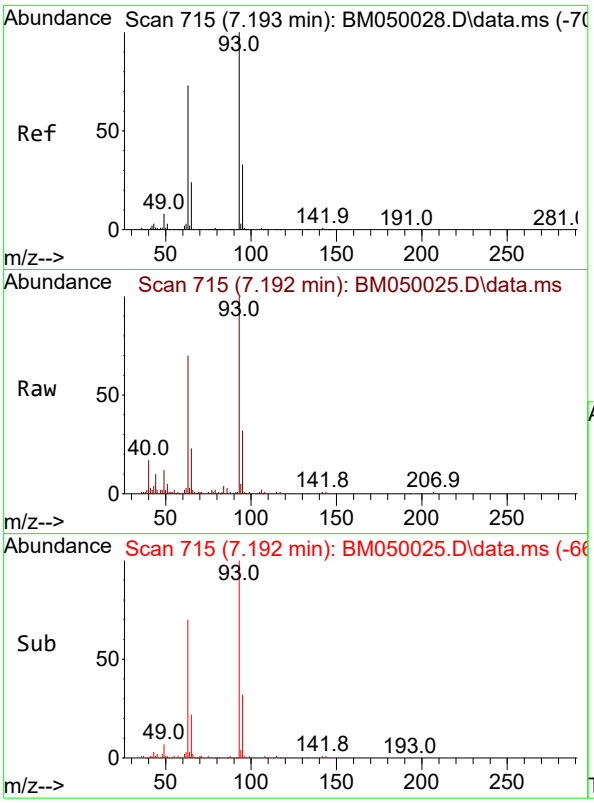


#10
Phenol
Concen: 4.641 ng
RT: 6.987 min Scan# 680
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 94 Resp: 75011

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.6	47.6
66	35.3	15.8	55.8

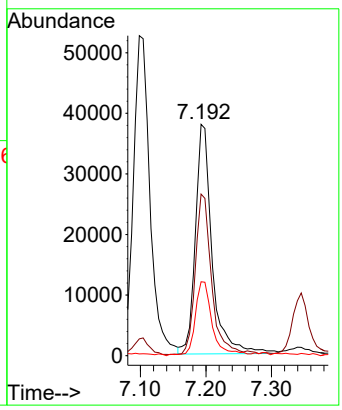




#11
bis(2-Chloroethyl)ether
Concen: 4.998 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 93 Resp: 6744

Ion	Ratio	Lower	Upper
93	100		
63	69.8	52.3	92.3
95	32.0	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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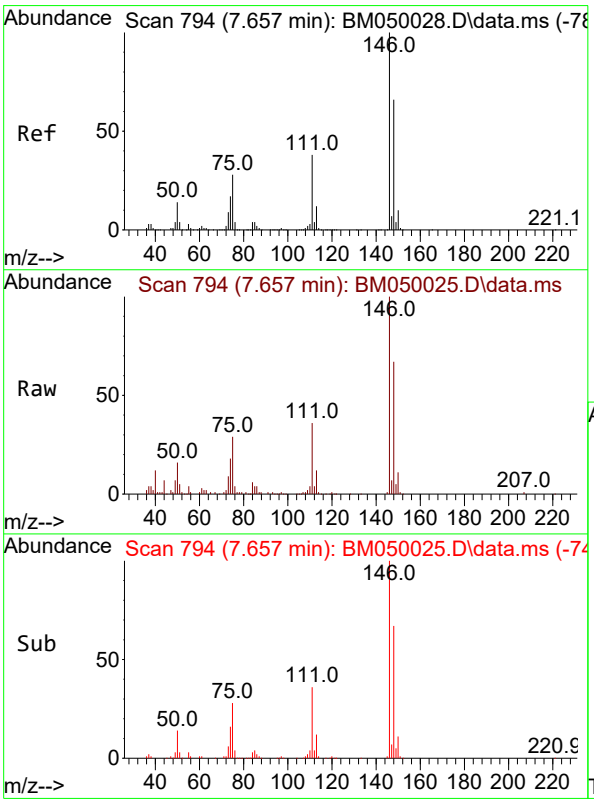
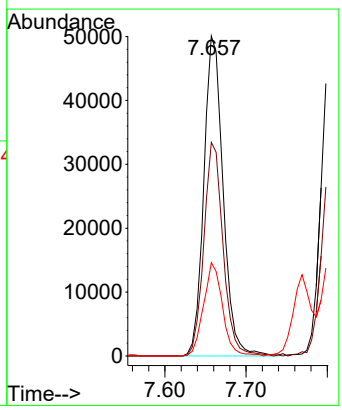
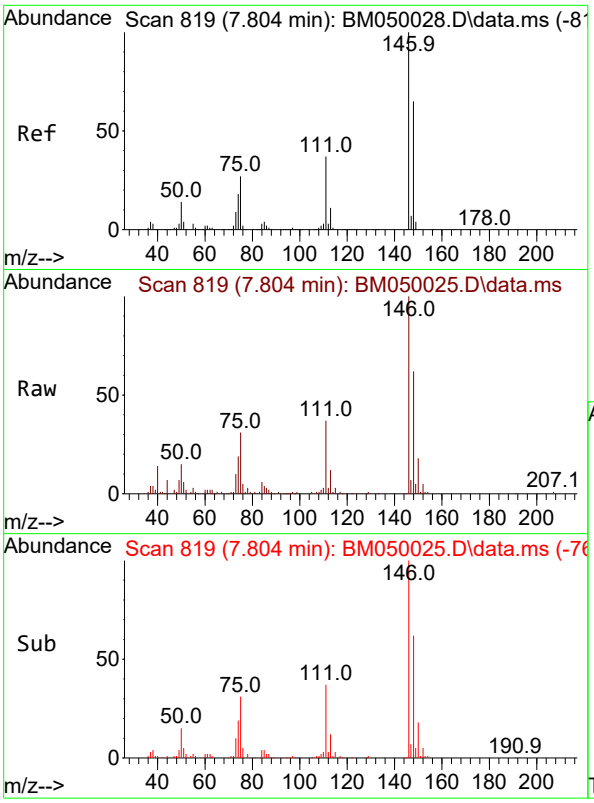


#12
1,3-Dichlorobenzene
Concen: 4.971 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:146 Resp: 82466

Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.5	78.7
75	29.2	22.6	34.0

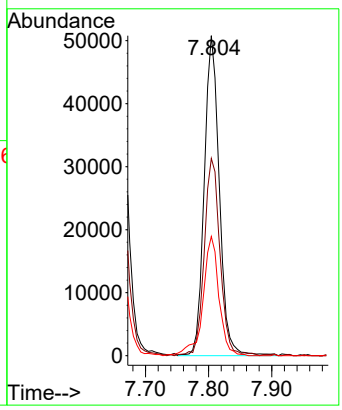




#13
1,4-Dichlorobenzene
Concen: 5.064 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:146 Resp: 8440

Ion	Ratio	Lower	Upper
146	100		
148	61.6	52.2	78.2
111	37.2	29.3	43.9



Instrument :
BNA_M
ClientSampleId :
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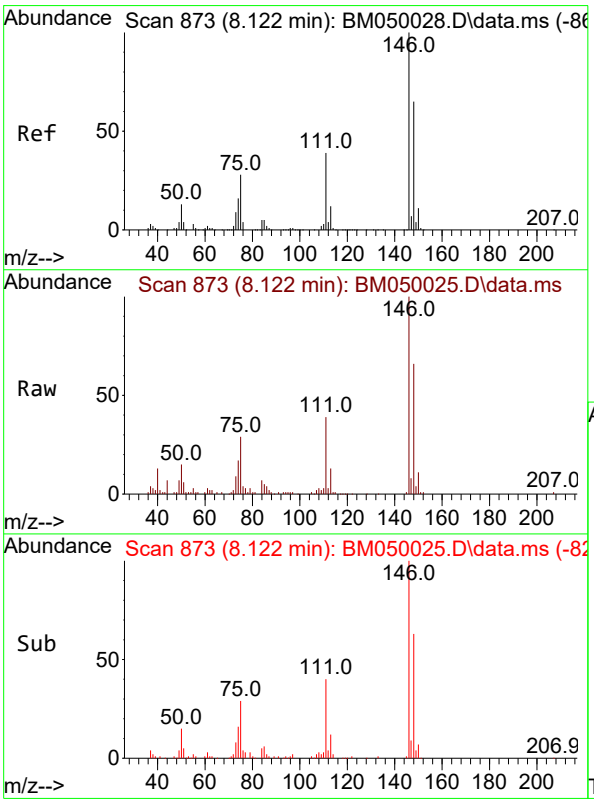
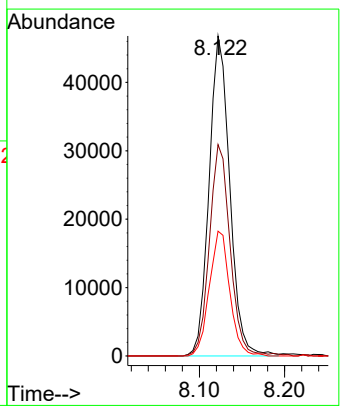
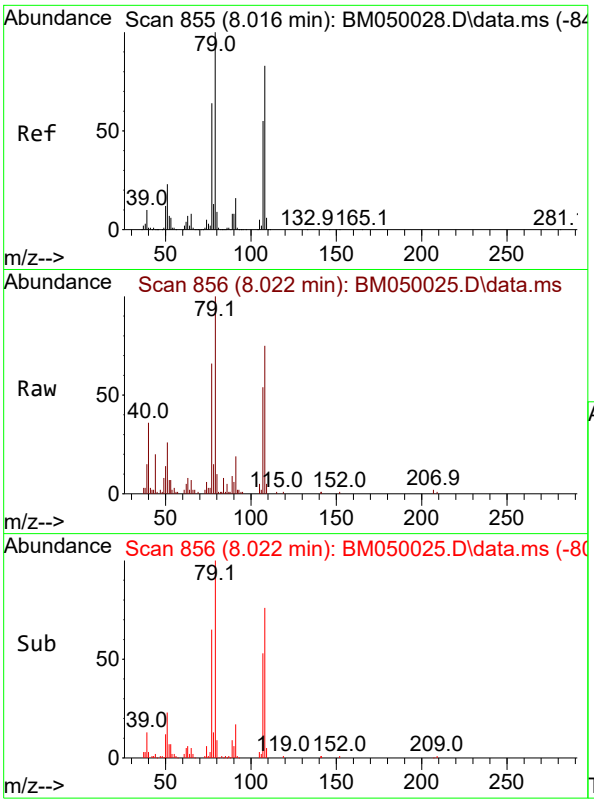


#14
1,2-Dichlorobenzene
Concen: 4.905 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:146 Resp: 78966

Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.4	78.6
111	39.0	31.0	46.6

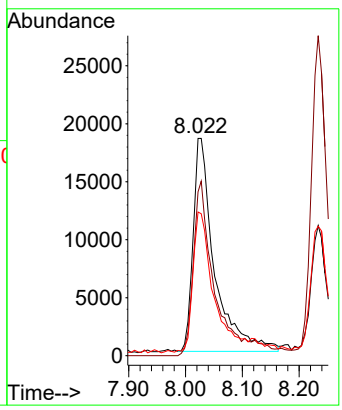




#15
Benzyl Alcohol
Concen: 4.352 ng
RT: 8.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 79 Resp: 4818

Ion	Ratio	Lower	Upper
79	100		
108	75.4	66.0	99.0
77	66.1	51.6	77.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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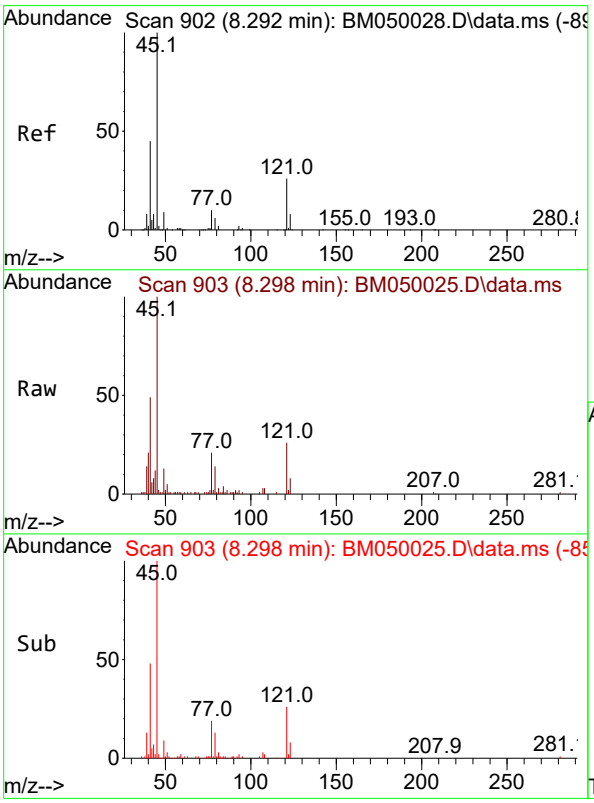
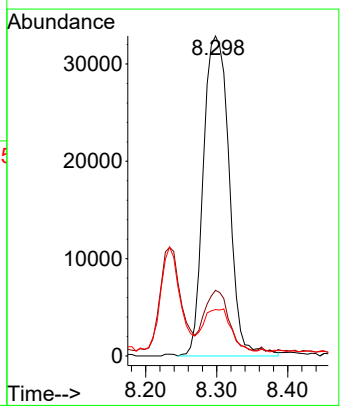
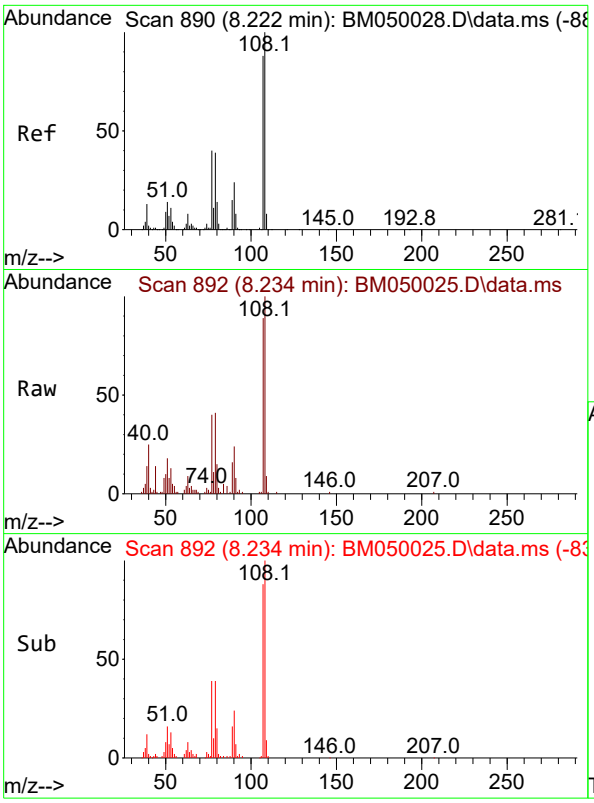


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.042 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 45 Resp: 82711

Ion	Ratio	Lower	Upper
45	100		
77	20.5	0.0	36.4
79	14.5	0.0	32.7

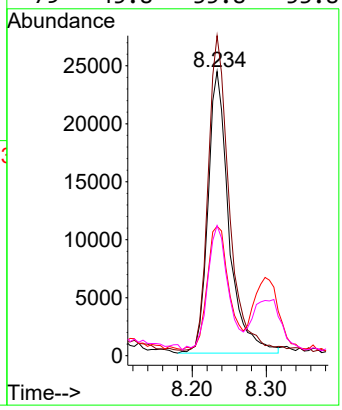




#17
2-Methylphenol
Concen: 4.474 ng
RT: 8.234 min Scan# 8
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:107 Resp: 4763

Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.1	136.7
77	45.6	36.2	54.4
79	45.8	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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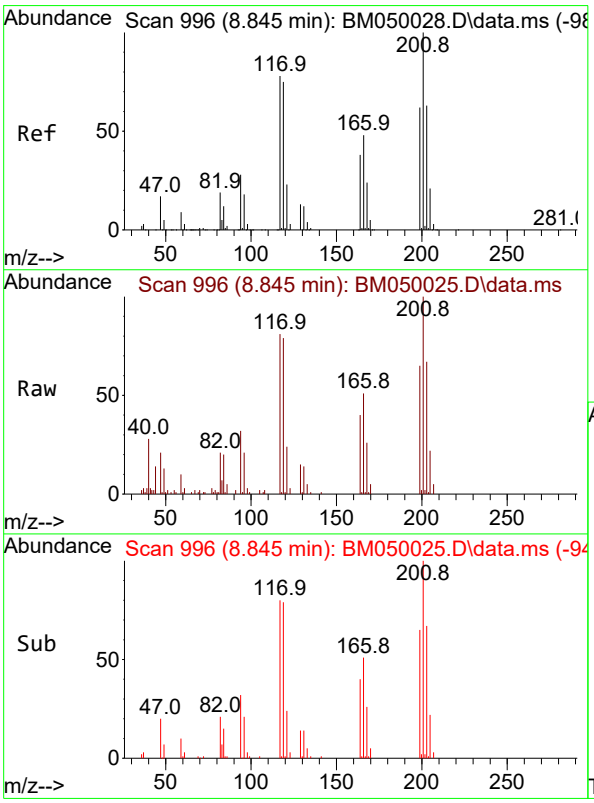
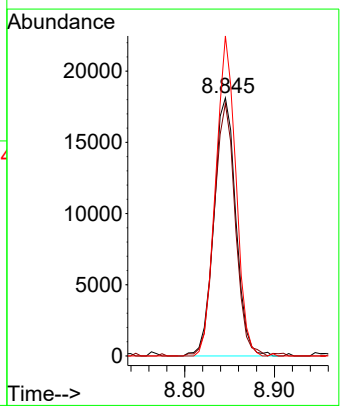
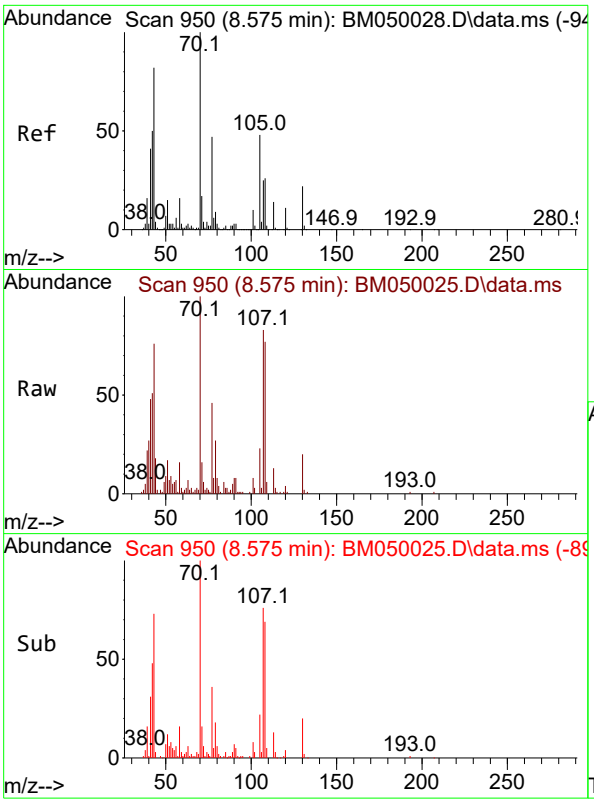


#18
Hexachloroethane
Concen: 5.185 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:117 Resp: 30717

Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.3	115.9
201	124.0	102.8	154.2

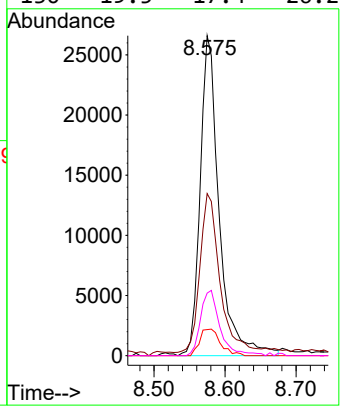




#19
n-Nitroso-di-n-propylamine
Concen: 4.830 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 70 Resp: 4945

Ion	Ratio	Lower	Upper
70	100		
42	50.7	40.5	60.7
101	8.2	7.8	11.6
130	19.5	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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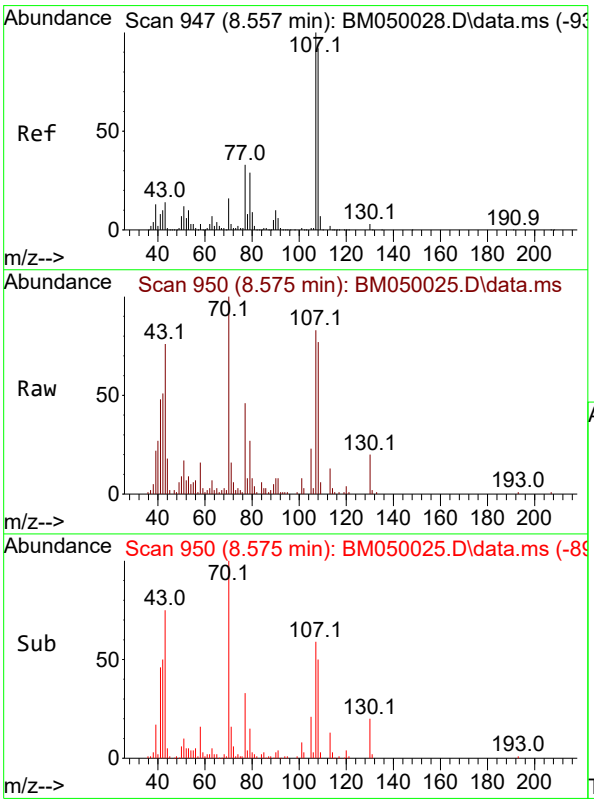
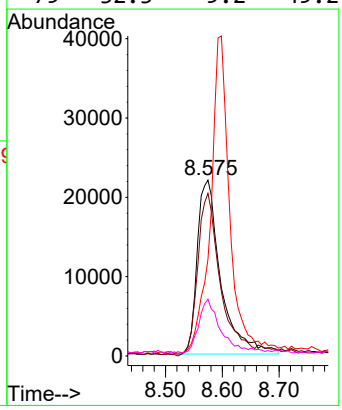
Supervised By :Jagrut Upadhyay 04/29/2025

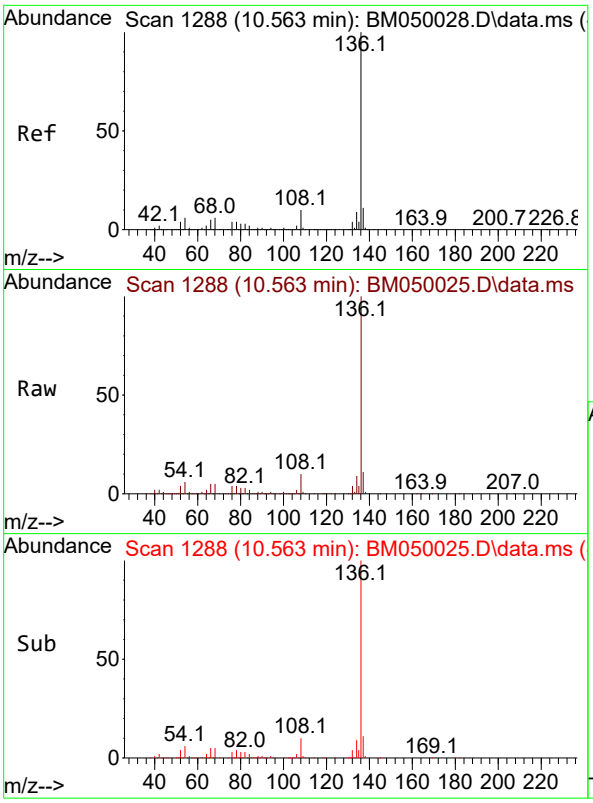


#20
3+4-Methylphenols
Concen: 4.397 ng
RT: 8.575 min Scan# 950
Delta R.T. 0.018 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:107 Resp: 63223

Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.4	112.4
77	55.1	13.6	53.6#
79	32.3	9.2	49.2

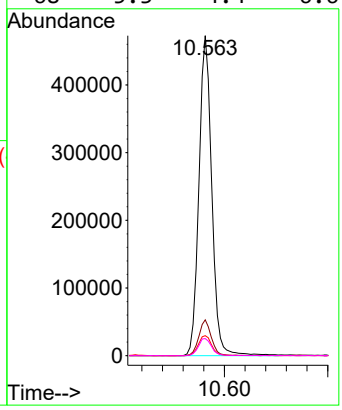




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:136 Resp: 81536

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	5.1	7.7
68	5.3	4.4	6.6



Instrument :
BNA_M
ClientSampleId :
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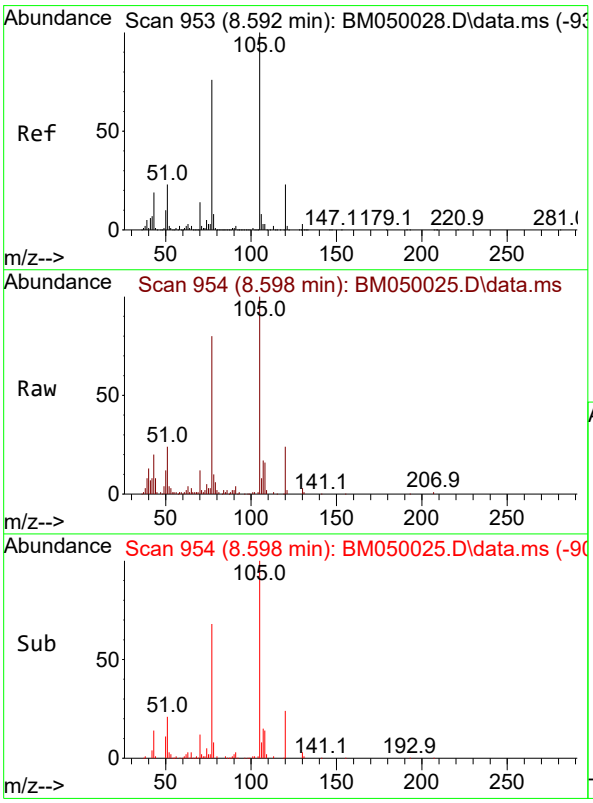
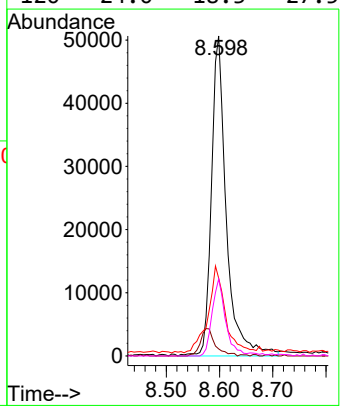
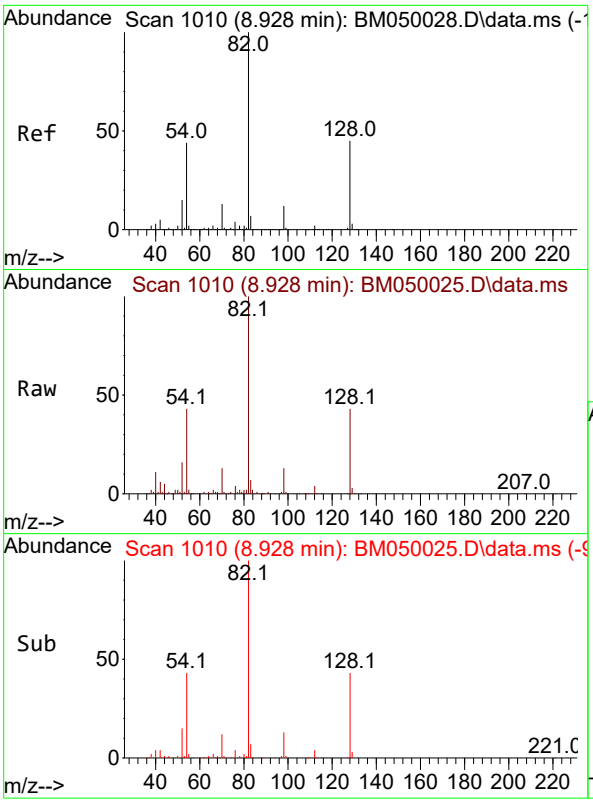


#22
Acetophenone
Concen: 4.852 ng
RT: 8.598 min Scan# 954
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:105 Resp: 98358

Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.7	2.5
51	24.3	18.6	27.8
120	24.0	18.3	27.5

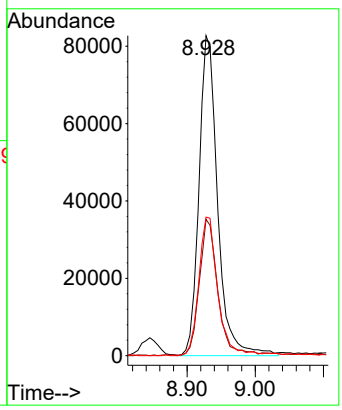




#23
Nitrobenzene-d5
Concen: 9.502 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 82 Resp: 15722

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.7	53.5
54	43.3	35.4	53.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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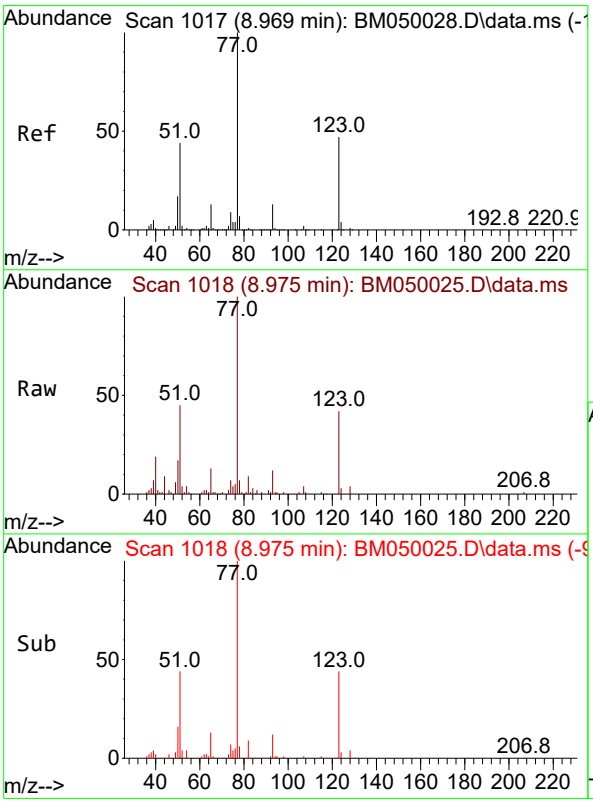
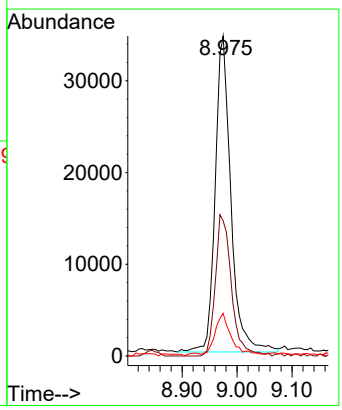
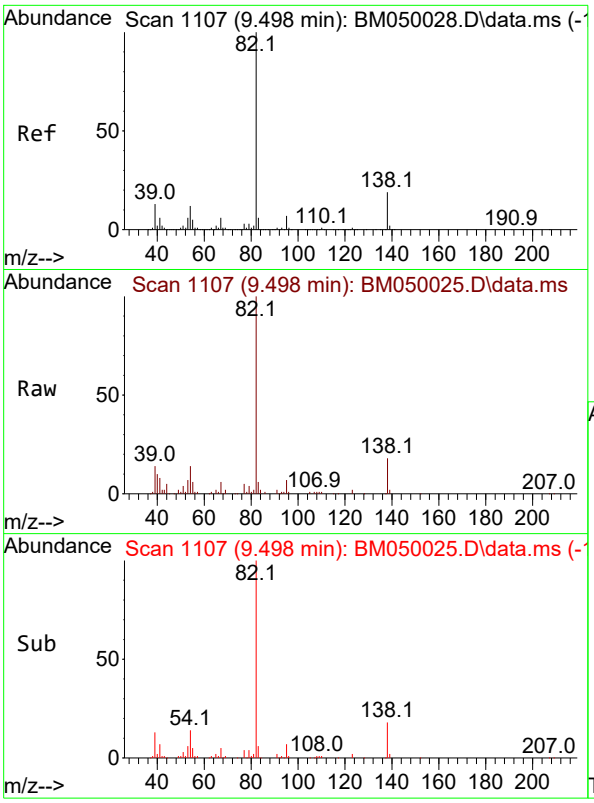


#24
Nitrobenzene
Concen: 4.795 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 77 Resp: 68598

Ion	Ratio	Lower	Upper
77	100		
123	42.2	37.9	56.9
65	13.3	10.1	15.1

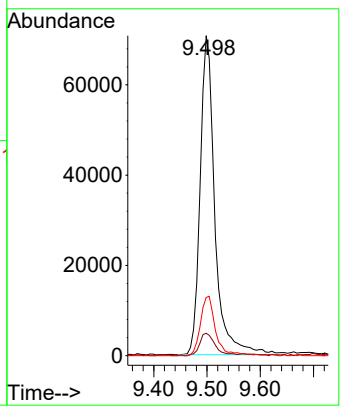




#25
Isophorone
Concen: 4.816 ng
RT: 9.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 82 Resp: 13582

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	18.2	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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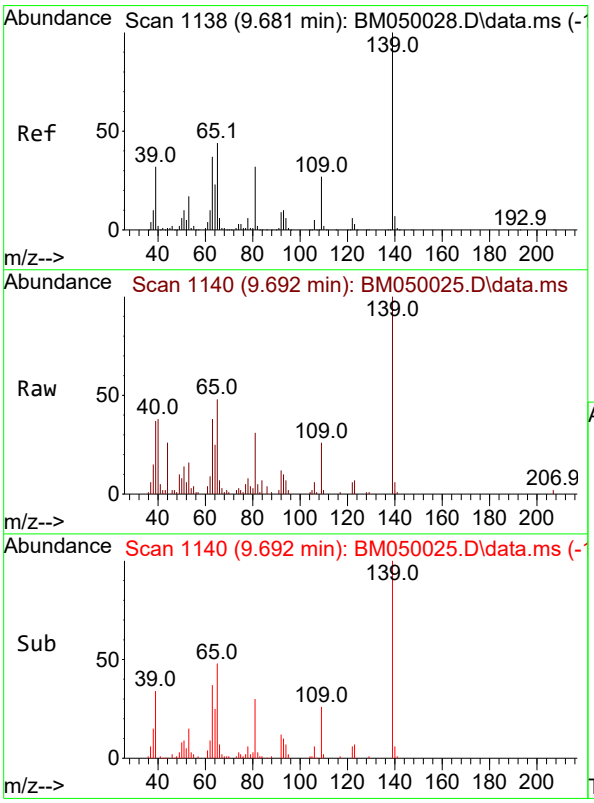
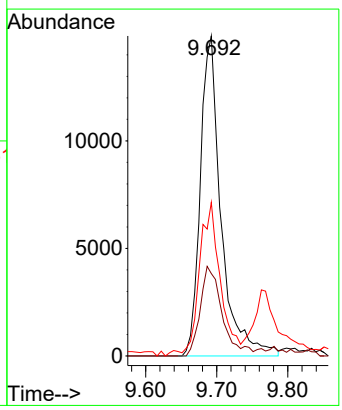
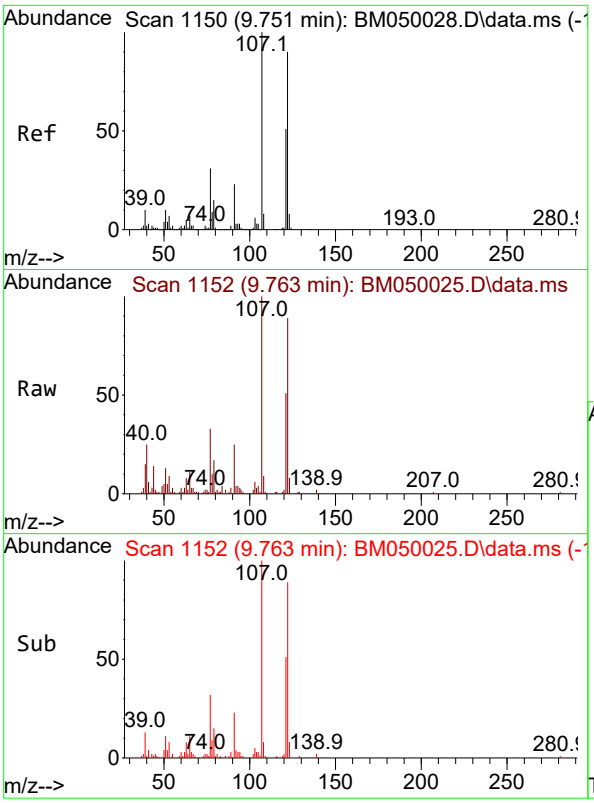


#26
2-Nitrophenol
Concen: 4.140 ng
RT: 9.692 min Scan# 1140
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:139 Resp: 30257

Ion	Ratio	Lower	Upper
139	100		
109	25.8	21.9	32.9
65	48.0	35.4	53.2

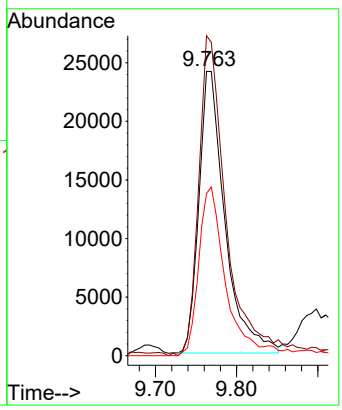




#27
2,4-Dimethylphenol
Concen: 4.427 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:122 Resp: 5366

Ion	Ratio	Lower	Upper
122	100		
107	112.5	89.0	133.6
121	57.0	45.6	68.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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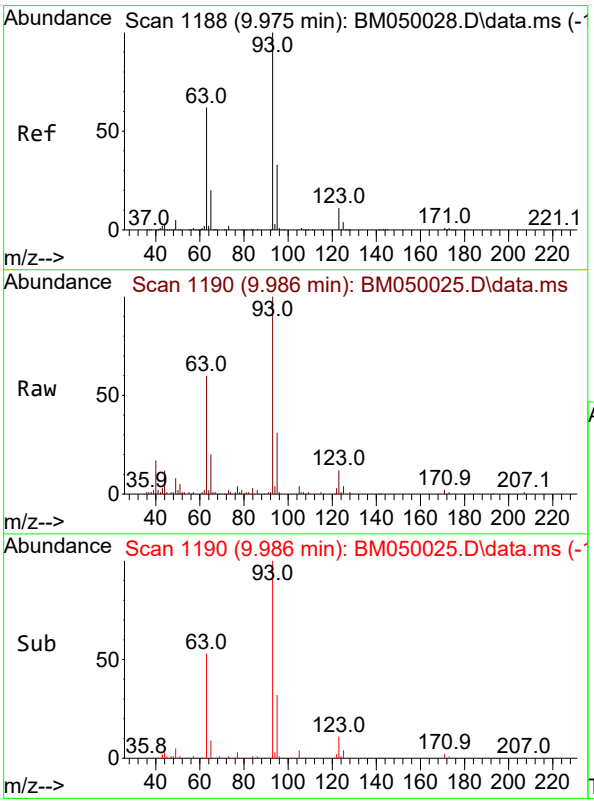
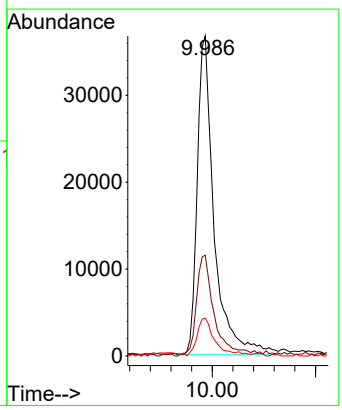
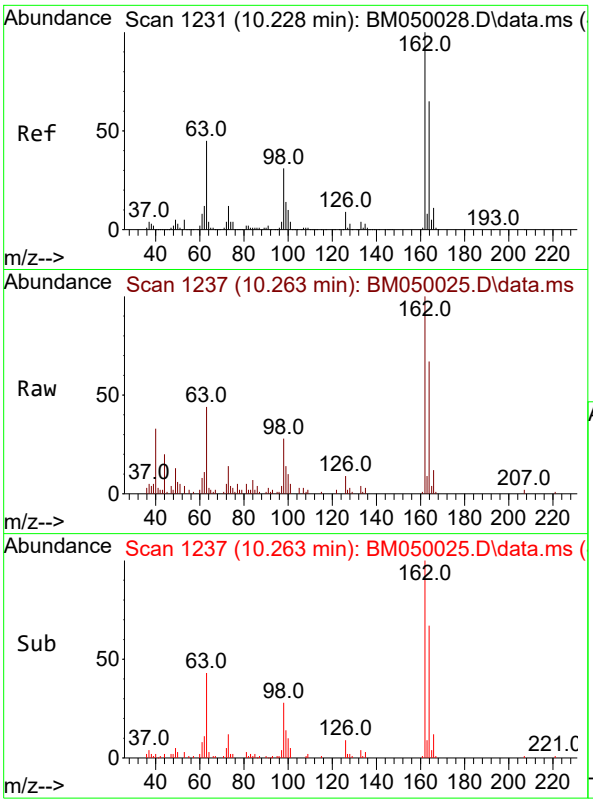


#28
bis(2-Chloroethoxy)methane
Concen: 4.758 ng
RT: 9.986 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 93 Resp: 82947

Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.1	39.1
123	11.8	9.5	14.3

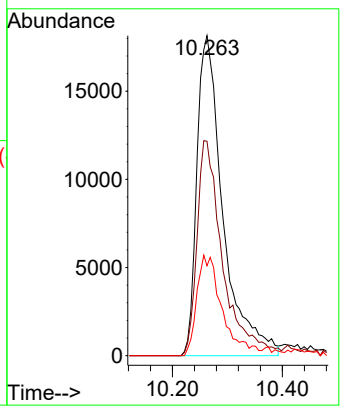




#29
2,4-Dichlorophenol
Concen: 4.406 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.035 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:162 Resp: 5982

Ion	Ratio	Lower	Upper
162	100		
164	67.0	45.4	85.4
98	28.1	11.3	51.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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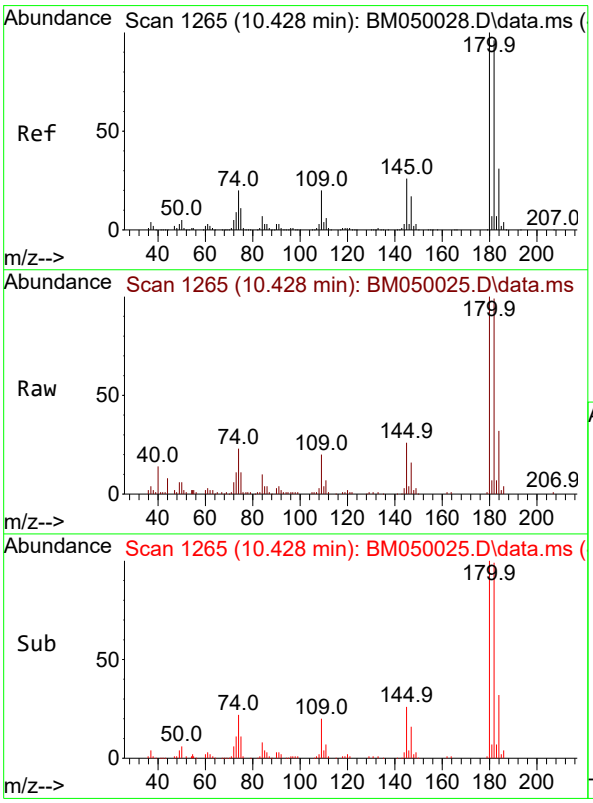
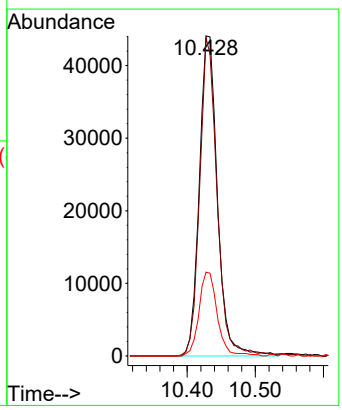
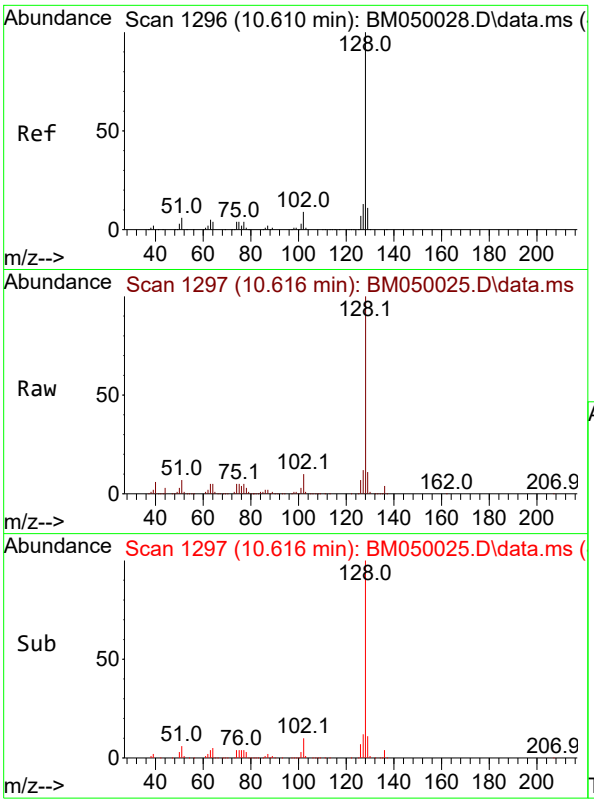


#30
1,2,4-Trichlorobenzene
Concen: 4.934 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:180 Resp: 81624

Ion	Ratio	Lower	Upper
180	100		
182	99.4	77.0	115.4
145	26.2	20.6	30.8

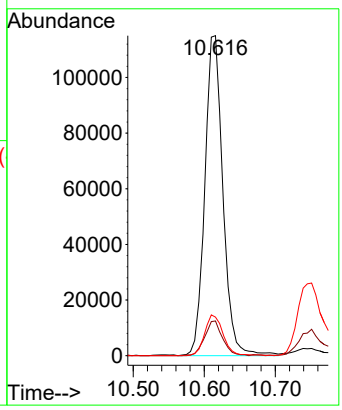




#31
Naphthalene
Concen: 4.944 ng
RT: 10.616 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:128 Resp: 20413

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.0	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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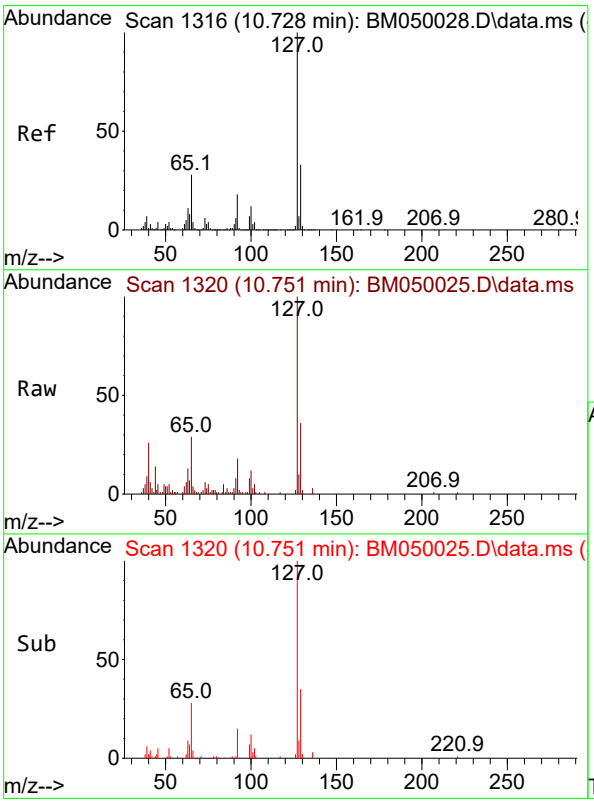
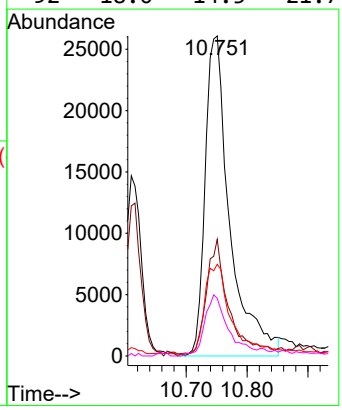
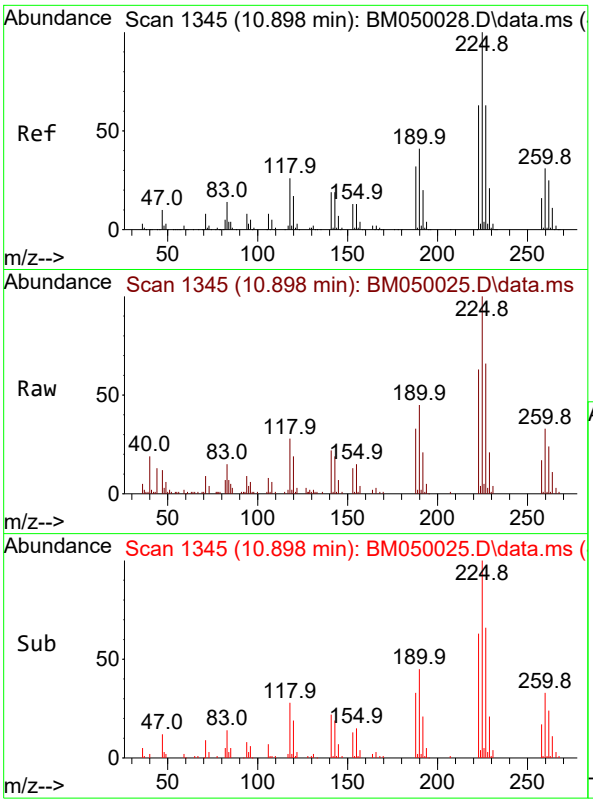


#33
4-Chloroaniline
Concen: 4.345 ng
RT: 10.751 min Scan# 1320
Delta R.T. 0.023 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:127 Resp: 73542

Ion	Ratio	Lower	Upper
127	100		
129	36.4	26.3	39.5
65	28.6	22.5	33.7
92	18.0	14.5	21.7

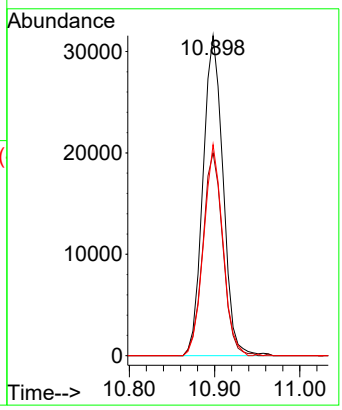




#34
Hexachlorobutadiene
Concen: 4.907 ng
RT: 10.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:225 Resp: 5152

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.2
227	65.9	50.6	76.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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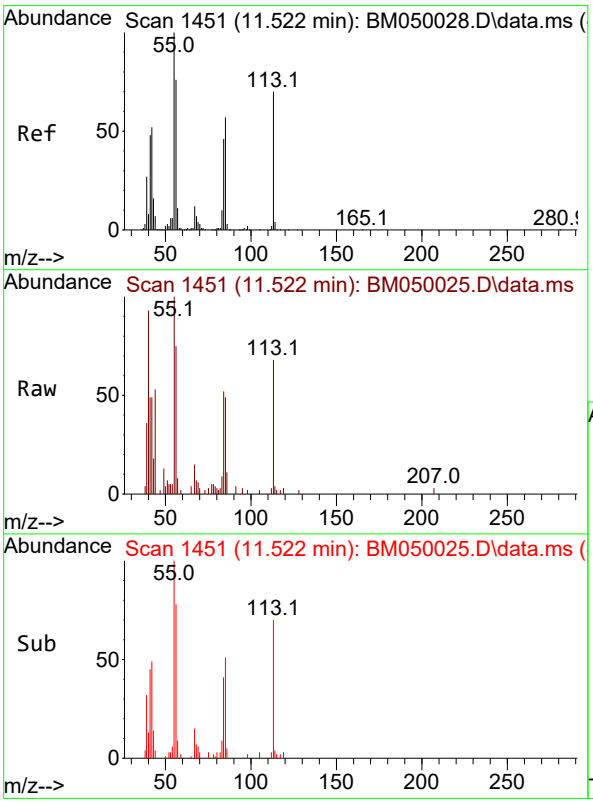
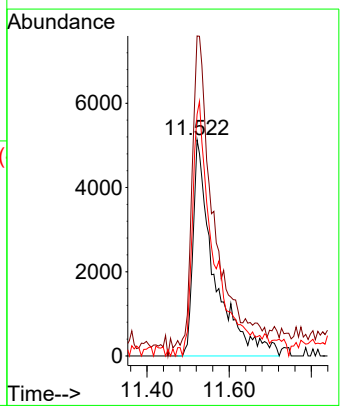
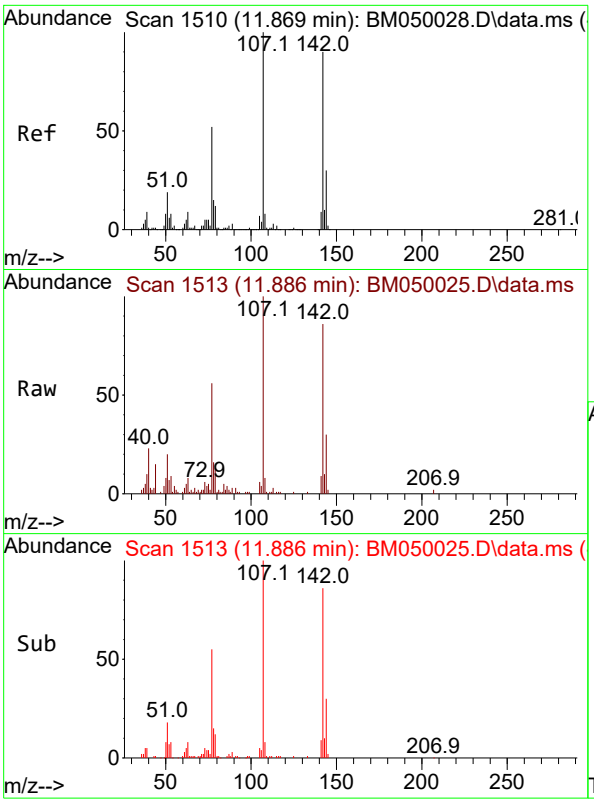


#35
Caprolactam
Concen: 4.634 ng m
RT: 11.522 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:113 Resp: 18349

Ion	Ratio	Lower	Upper
113	100		
55	148.1	122.9	162.9
56	111.8	88.1	128.1

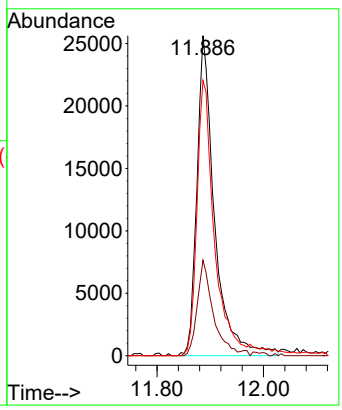




#36
4-Chloro-3-methylphenol
Concen: 4.690 ng
RT: 11.886 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:107 Resp: 5884

Ion	Ratio	Lower	Upper
107	100		
144	29.8	23.8	35.6
142	86.0	71.9	107.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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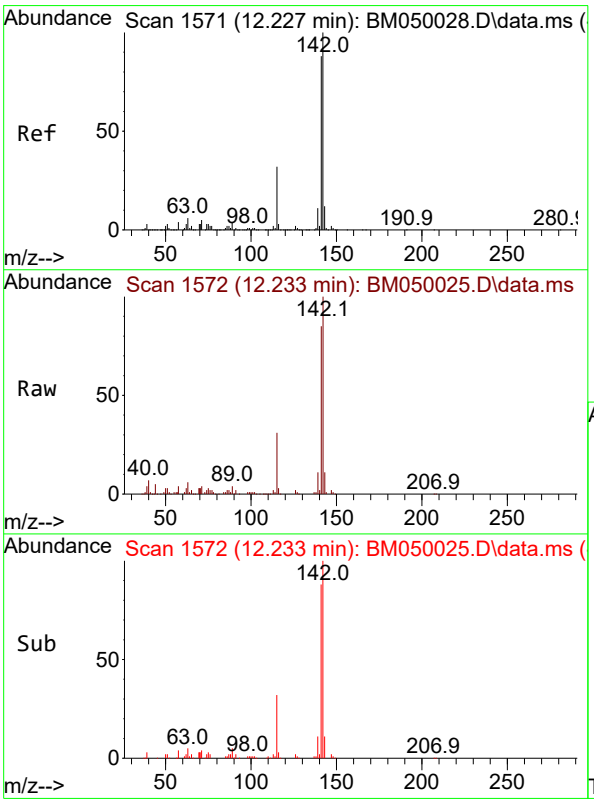
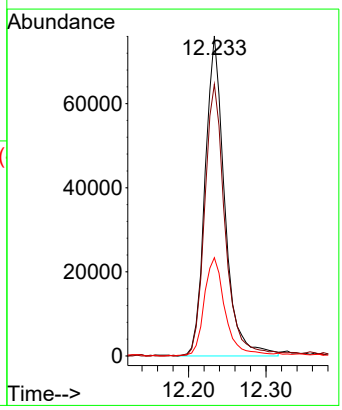
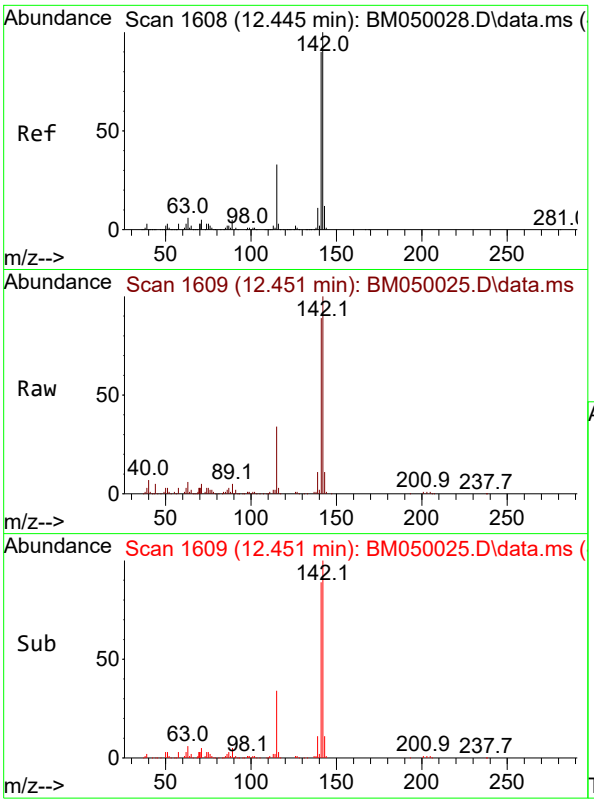


#37
2-Methylnaphthalene
Concen: 4.829 ng
RT: 12.233 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:142 Resp: 133679

Ion	Ratio	Lower	Upper
142	100		
141	84.9	70.4	105.6
115	30.7	25.4	38.2

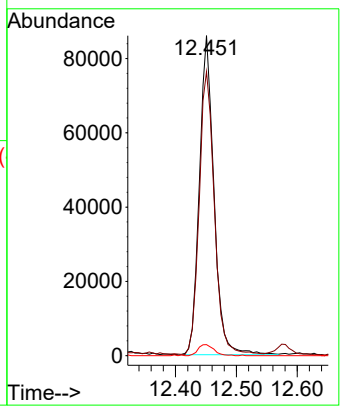




#38
1-Methylnaphthalene
Concen: 4.892 ng
RT: 12.451 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:142 Resp: 14333

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.1	108.1
116	3.5	2.7	4.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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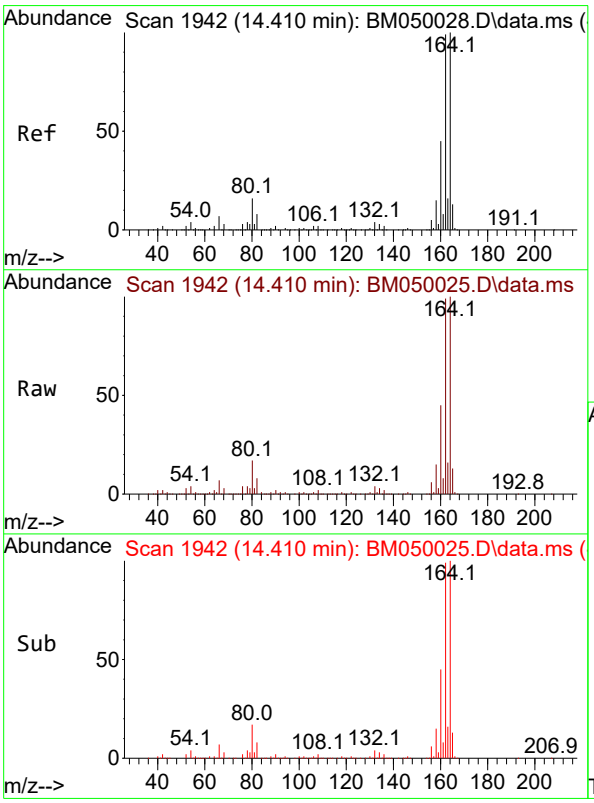
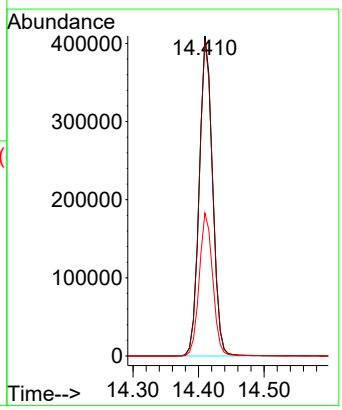
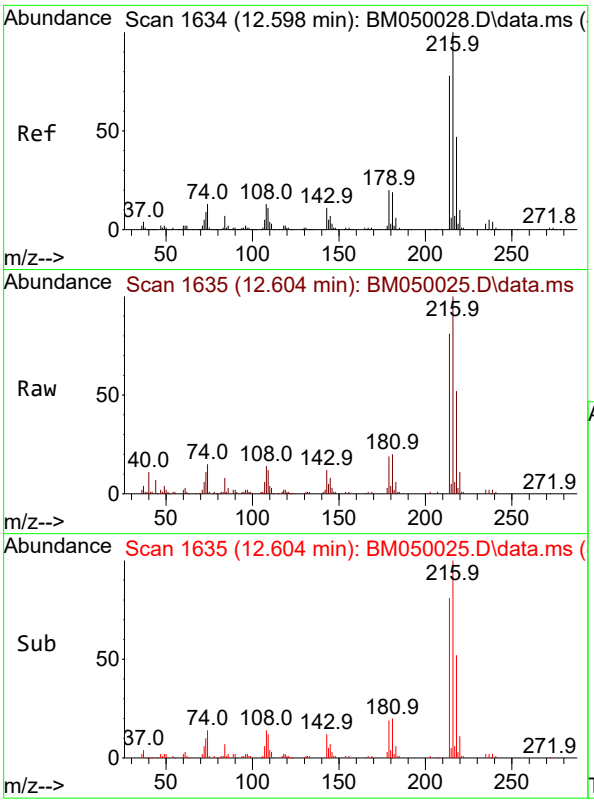


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:164 Resp: 578294

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.4	119.0
160	44.6	36.2	54.4

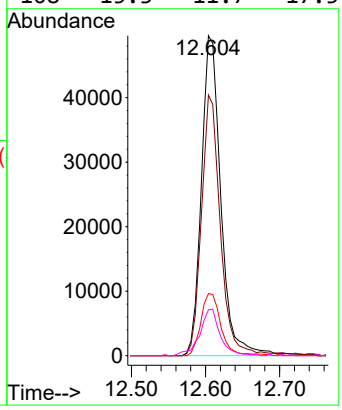




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.504 ng
RT: 12.604 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:216 Resp: 9016

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.3	93.5
179	20.2	15.4	23.0
108	15.3	11.7	17.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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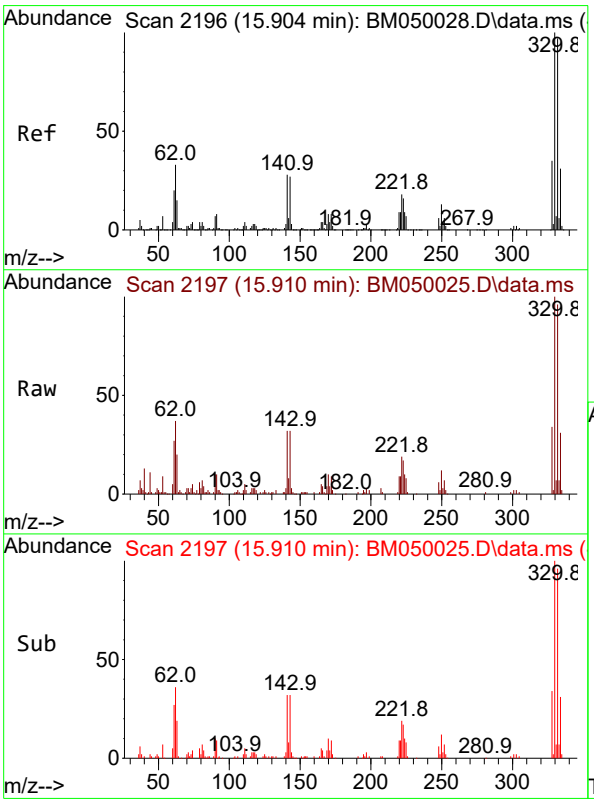
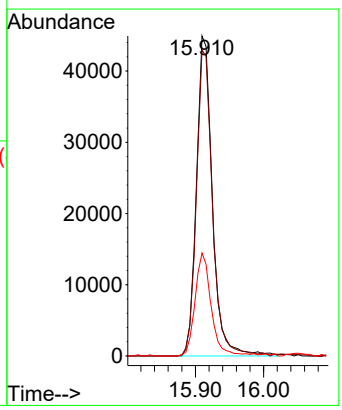
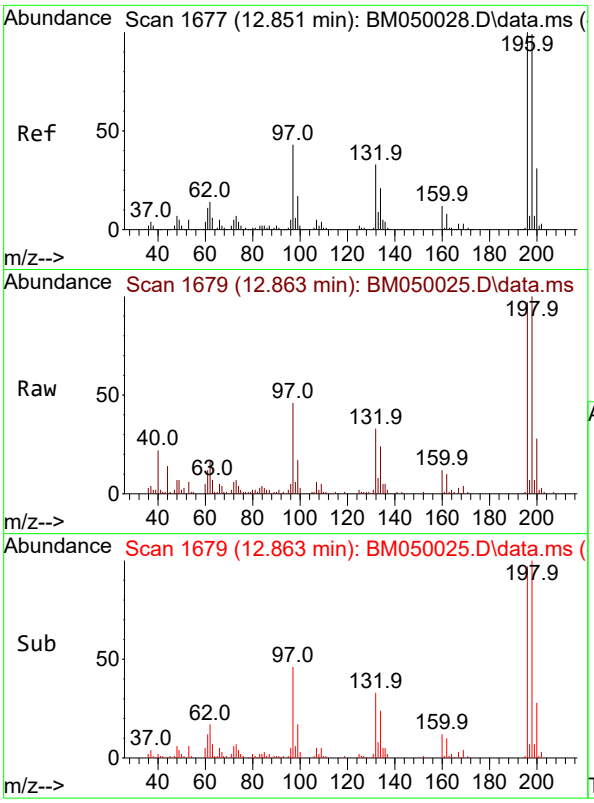


#42
2,4,6-Tribromophenol
Concen: 8.560 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:330 Resp: 73192

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	32.6	22.5	33.7

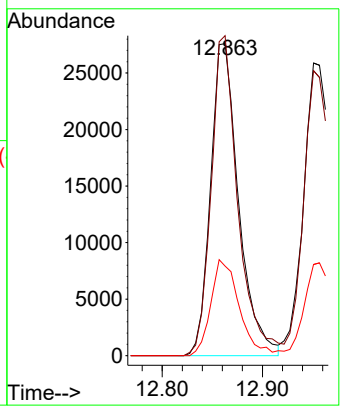




#43
2,4,6-Trichlorophenol
Concen: 4.233 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:196 Resp: 5374

Ion	Ratio	Lower	Upper
196	100		
198	102.6	79.0	118.6
200	28.7	25.1	37.7



Instrument :
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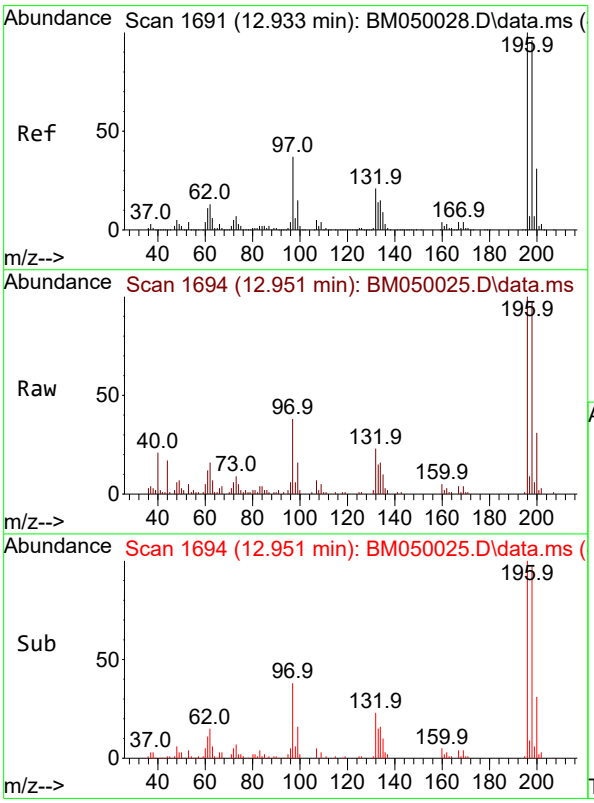
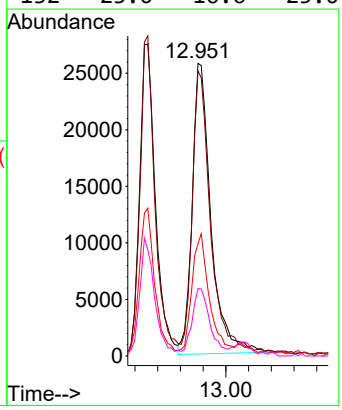
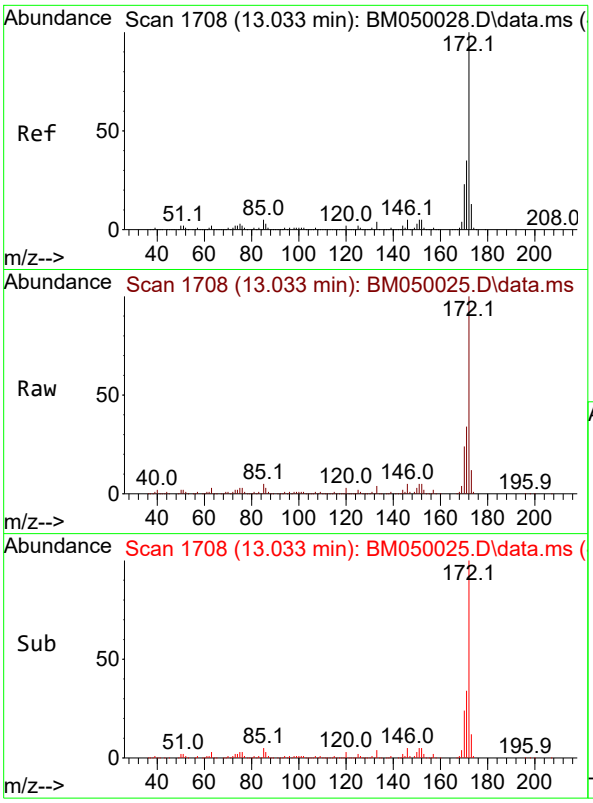


#44
2,4,5-Trichlorophenol
Concen: 4.325 ng
RT: 12.951 min Scan# 1694
Delta R.T. 0.018 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:196 Resp: 59224

Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.7	115.1
97	38.4	30.1	45.1
132	23.0	16.6	25.0

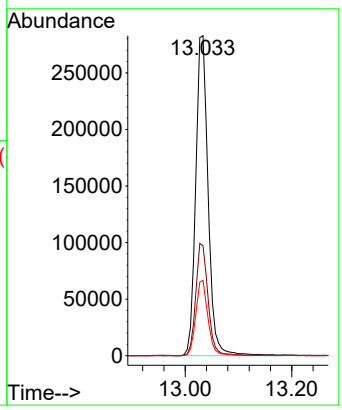




#45
2-Fluorobiphenyl
Concen: 9.390 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:172 Resp: 45903

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.5	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
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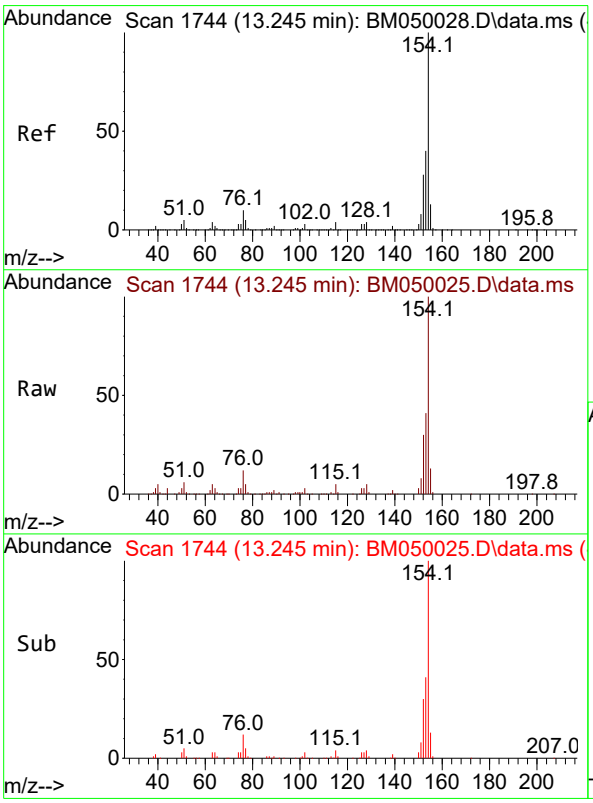
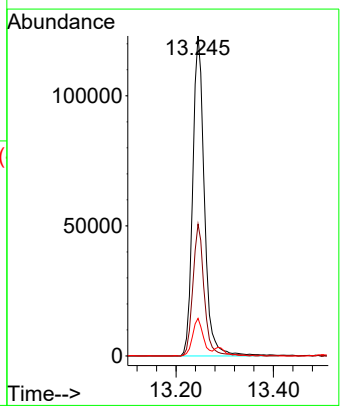
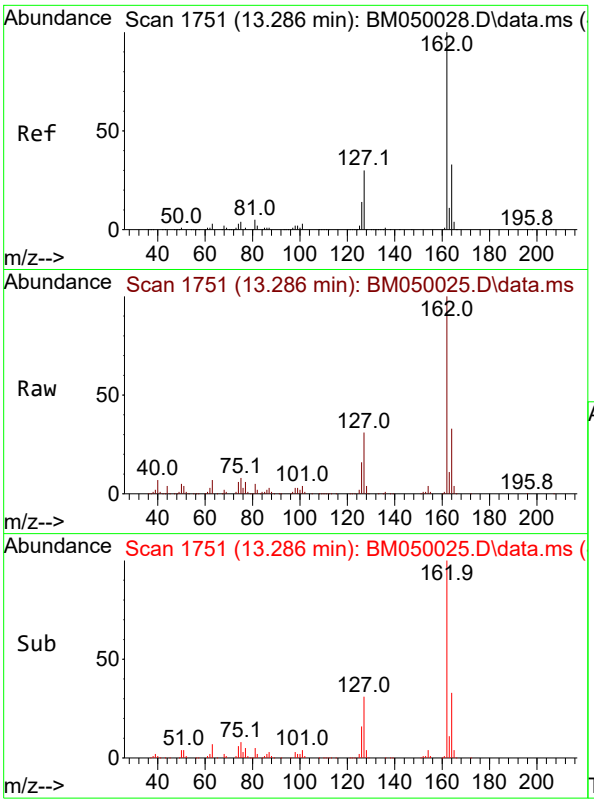


#46
1,1'-Biphenyl
Concen: 4.799 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:154 Resp: 206296

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.0	60.0
76	11.8	0.0	30.3

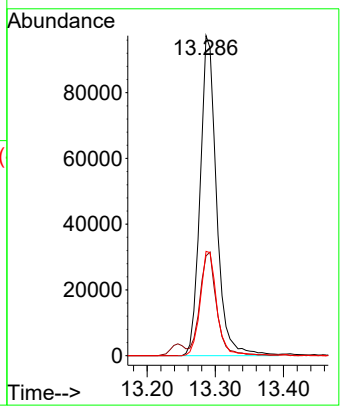




#47
2-Chloronaphthalene
Concen: 4.782 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:162 Resp: 16280

Ion	Ratio	Lower	Upper
162	100		
127	31.2	25.9	38.9
164	32.6	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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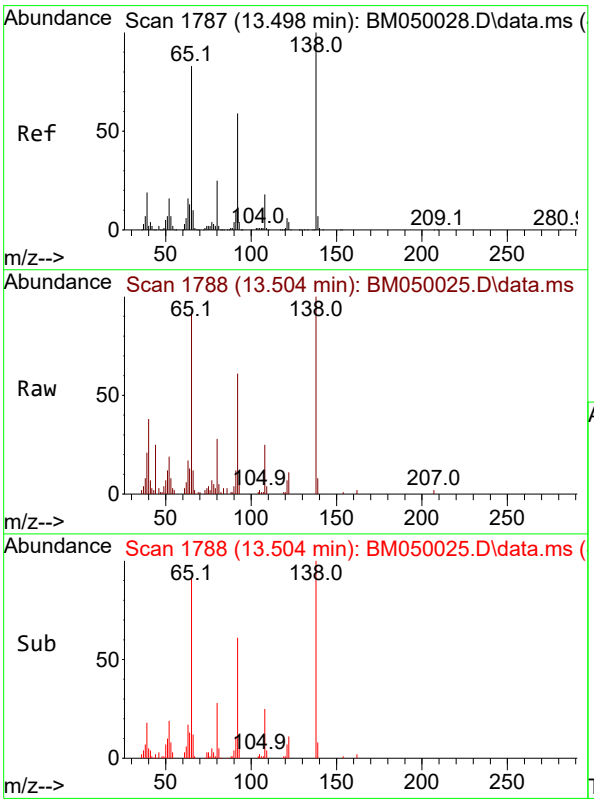
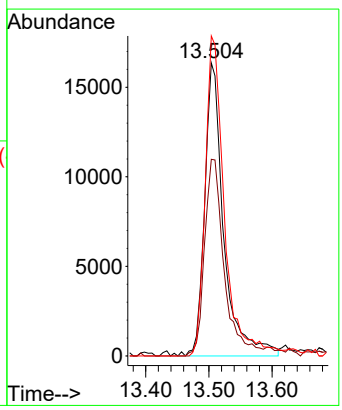
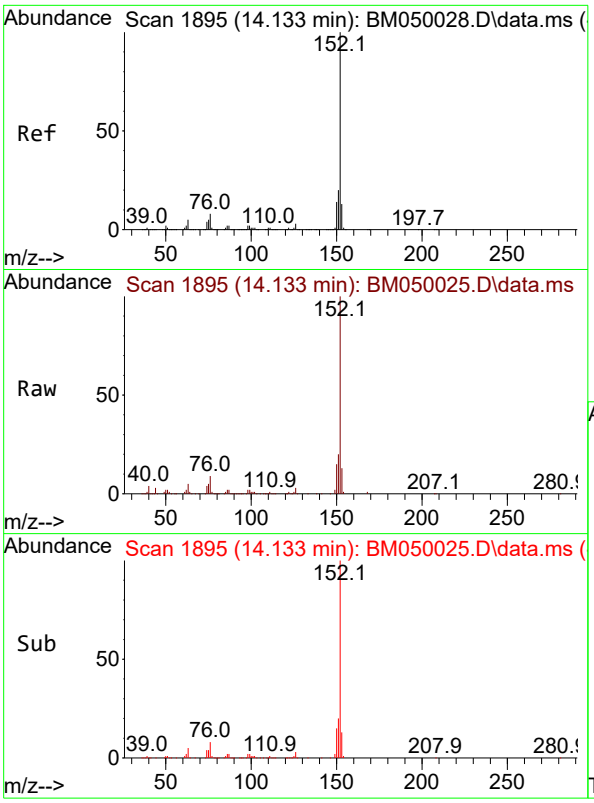


#48
2-Nitroaniline
Concen: 4.299 ng
RT: 13.504 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 65 Resp: 34348

Ion	Ratio	Lower	Upper
65	100		
92	67.1	57.1	85.7
138	109.2	97.0	145.4

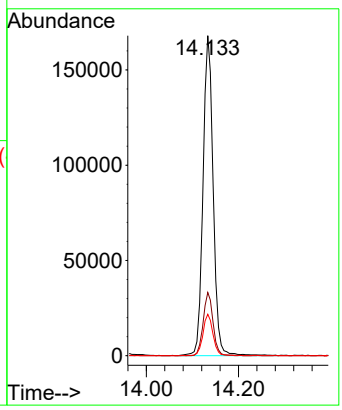




#49
Acenaphthylene
Concen: 4.832 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:152 Resp: 25940

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.9	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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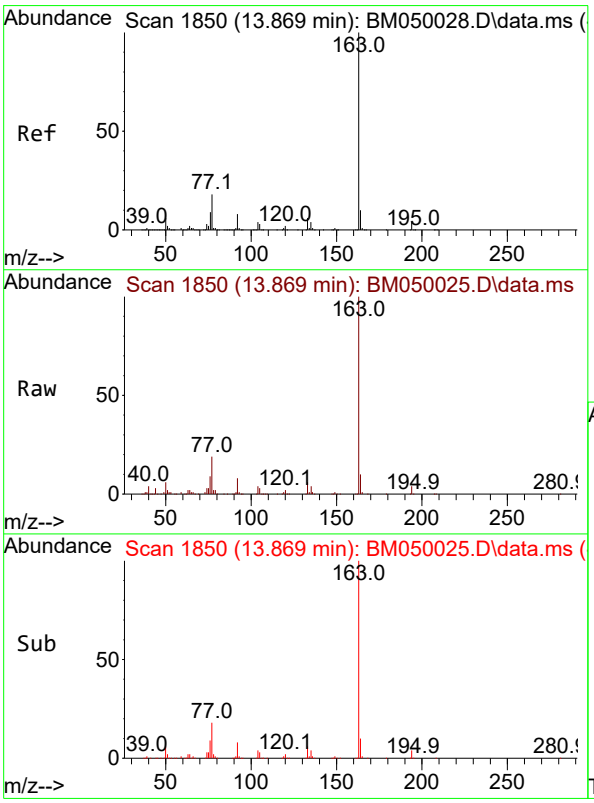
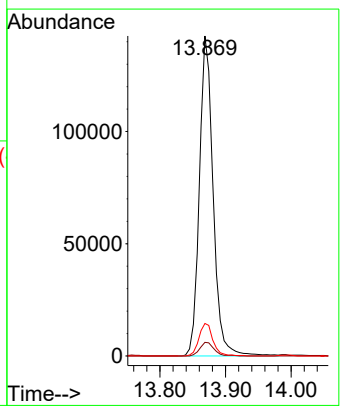
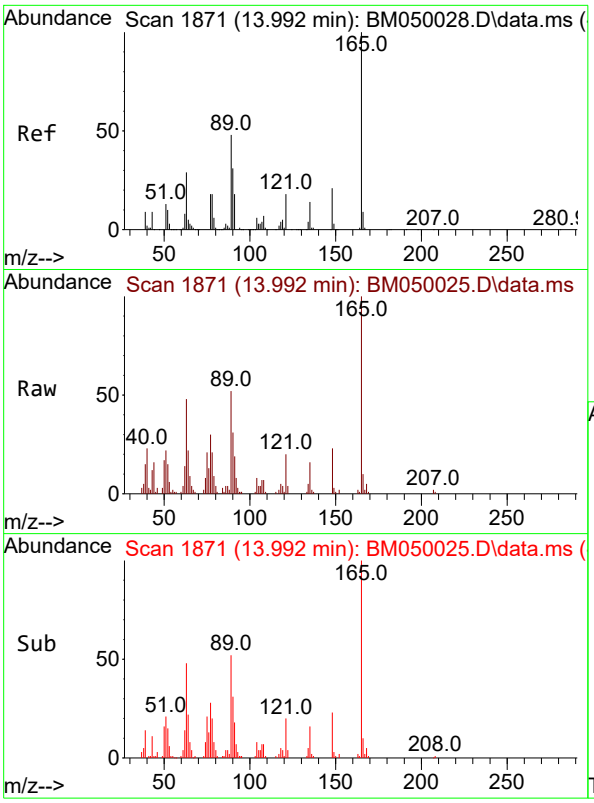


#50
Dimethylphthalate
Concen: 4.941 ng
RT: 13.869 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:163 Resp: 208800

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: 4.395 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:165 Resp: 3845

Ion	Ratio	Lower	Upper
165	100		
63	48.5	35.1	52.7
89	51.9	38.4	57.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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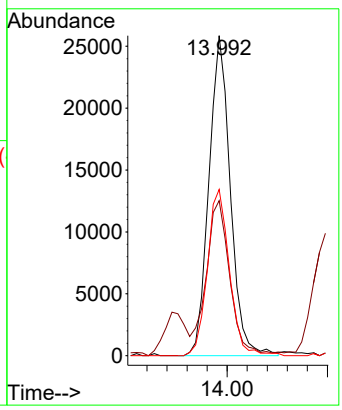
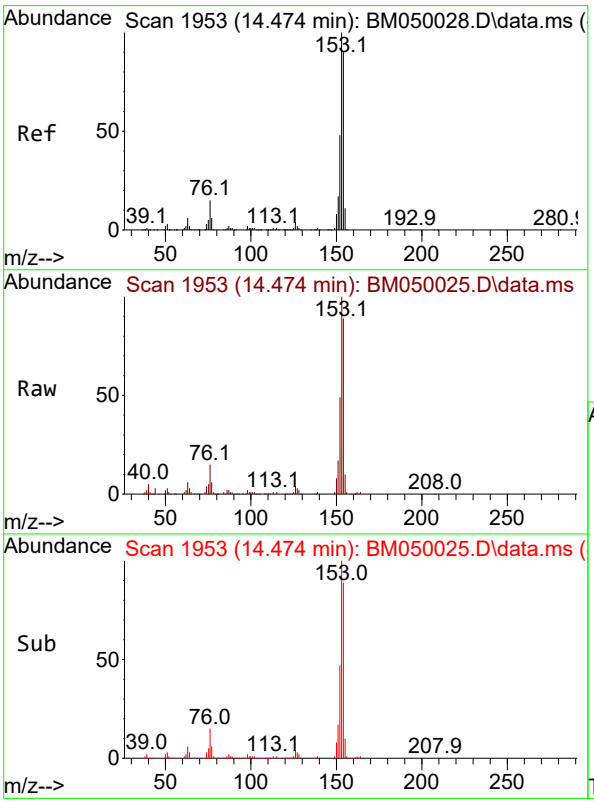
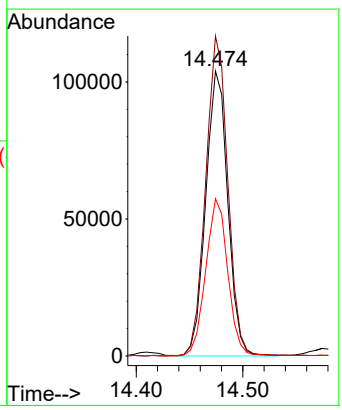


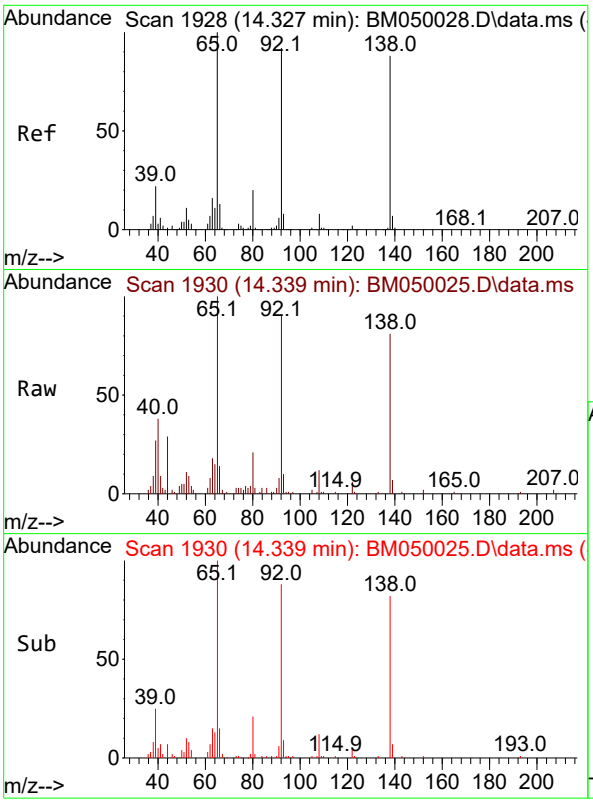


#52
Acenaphthene
Concen: 4.829 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:154 Resp: 150042

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.0	133.4
152	55.2	43.0	64.6





#53
3-Nitroaniline
Concen: 4.036 ng
RT: 14.339 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:138 Resp: 3371

Ion	Ratio	Lower	Upper
138	100		
108	15.1	7.4	11.2
92	110.8	84.0	126.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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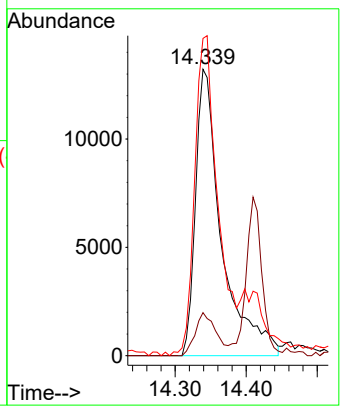
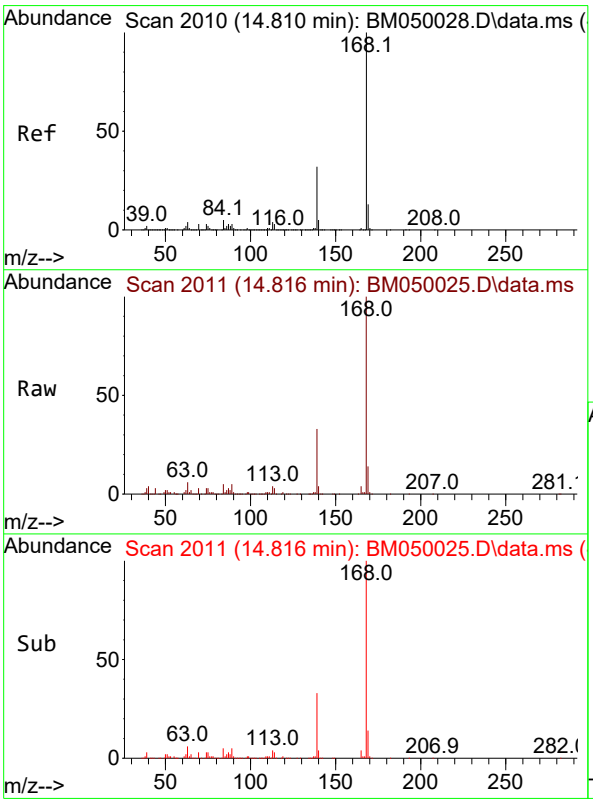
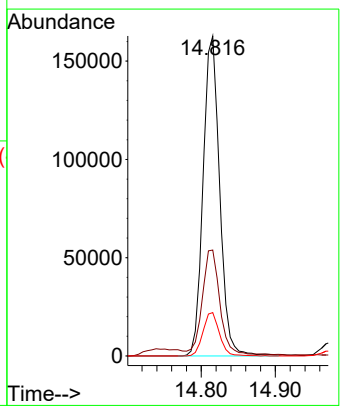


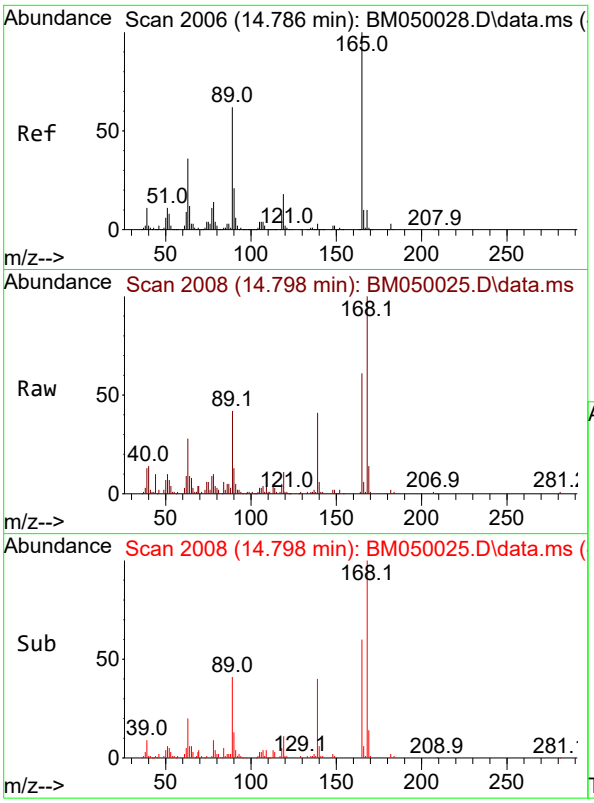


#55
Dibenzofuran
Concen: 4.892 ng
RT: 14.816 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:168 Resp: 252898

Ion	Ratio	Lower	Upper
168	100		
139	33.1	26.1	39.1
169	13.5	10.8	16.2

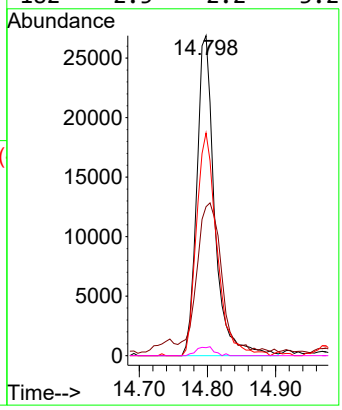




#57
2,4-Dinitrotoluene
Concen: 4.044 ng
RT: 14.798 min Scan# 2
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:165 Resp: 4890

Ion	Ratio	Lower	Upper
165	100		
63	46.6	29.0	43.6
89	69.6	49.4	74.2
182	2.5	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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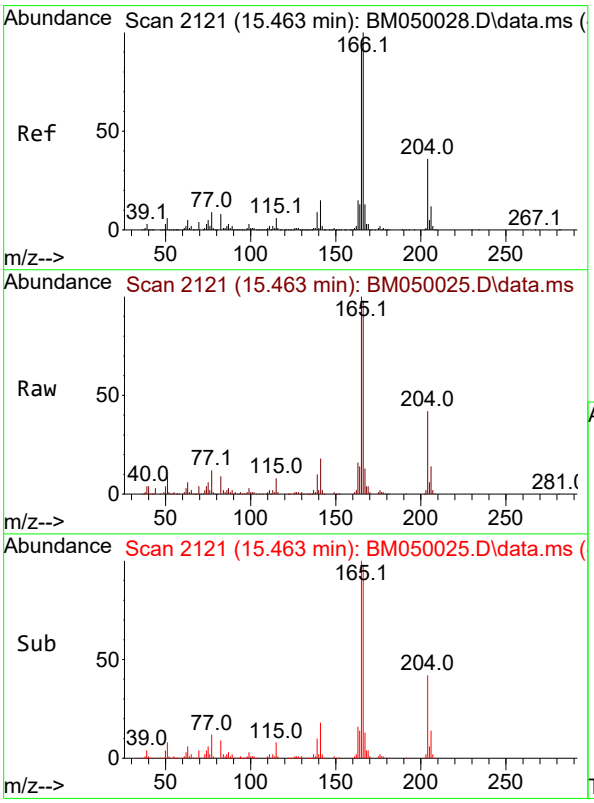
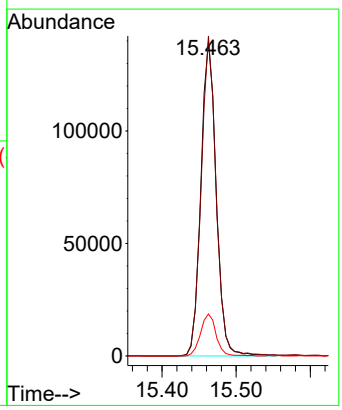
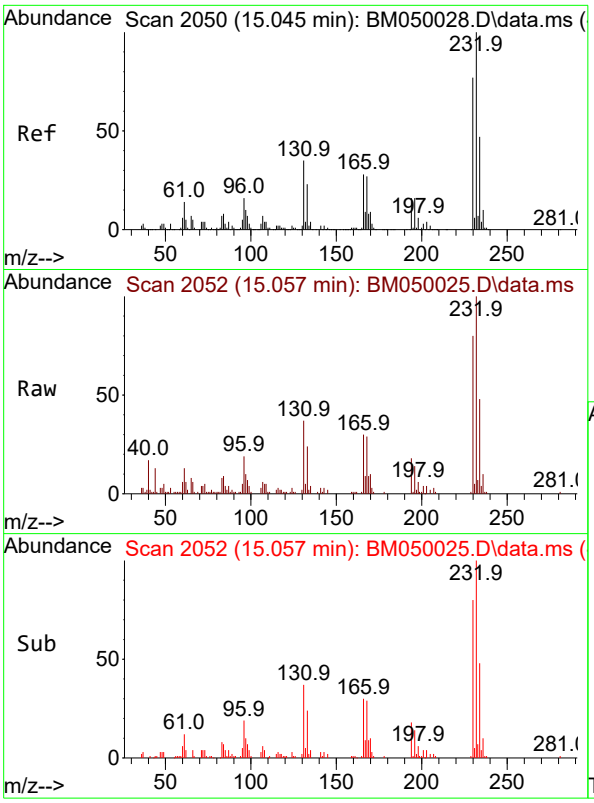


#58
Fluorene
Concen: 4.739 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:166 Resp: 200542

Ion	Ratio	Lower	Upper
166	100		
165	101.8	76.6	115.0
167	13.4	10.6	16.0

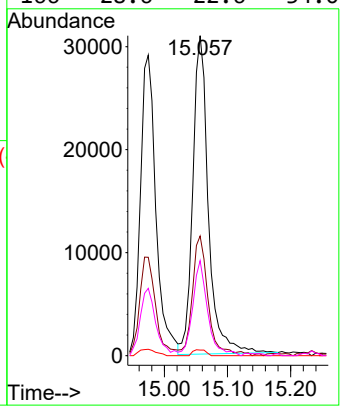




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.463 ng
RT: 15.057 min Scan# 2
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:232 Resp: 5289

Ion	Ratio	Lower	Upper
232	100		
131	38.0	28.2	42.4
130	1.6	1.5	2.3
166	28.6	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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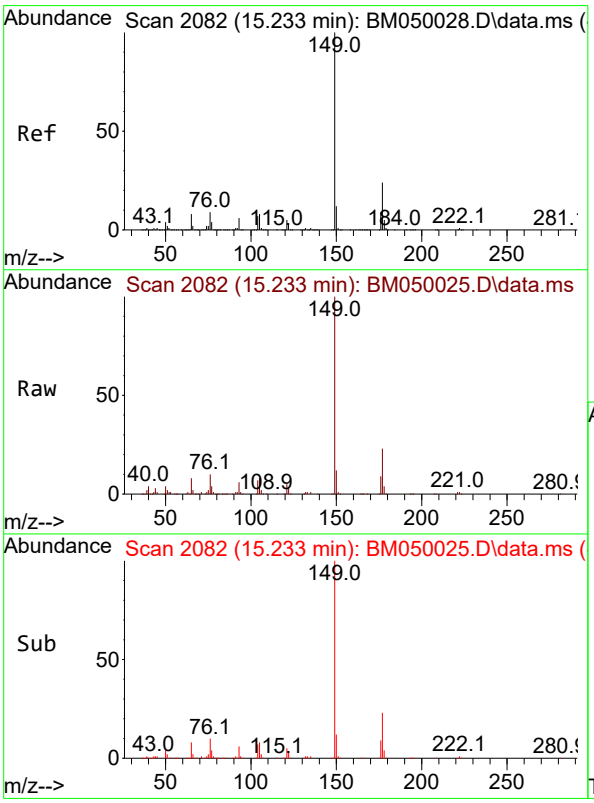
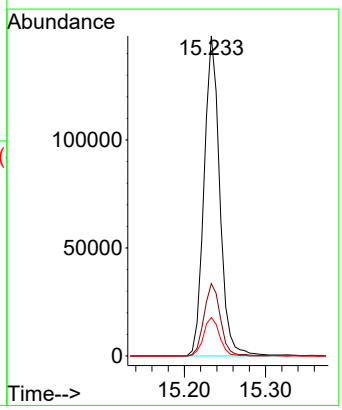
Supervised By :Jagrut Upadhyay 04/29/2025

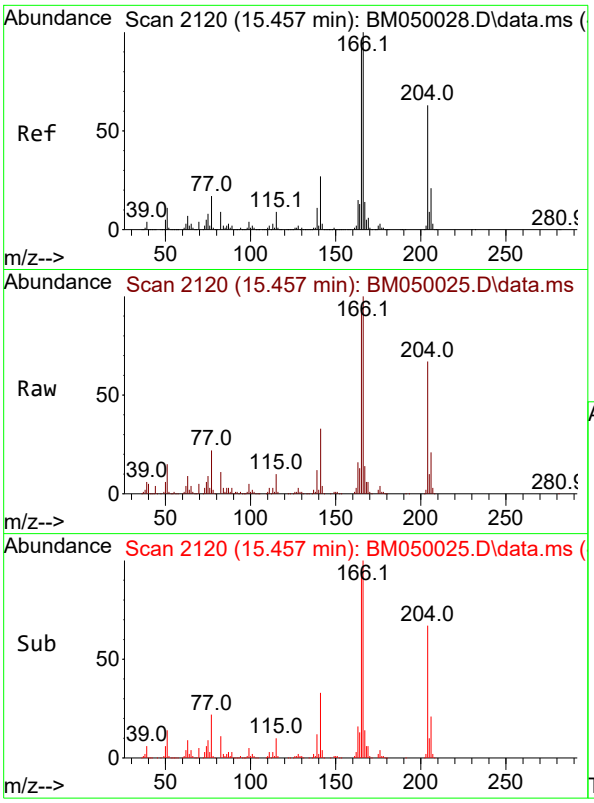


#60
Diethylphthalate
Concen: 4.981 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:149 Resp: 198362

Ion	Ratio	Lower	Upper
149	100		
177	22.6	19.1	28.7
150	12.0	9.6	14.4





#61
4-Chlorophenyl-phenylether
Concen: 4.607 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:204 Resp: 10708

Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.3	39.5
141	48.5	34.0	51.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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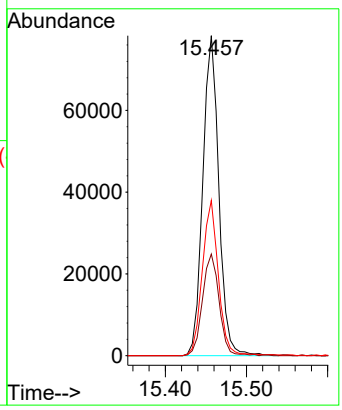
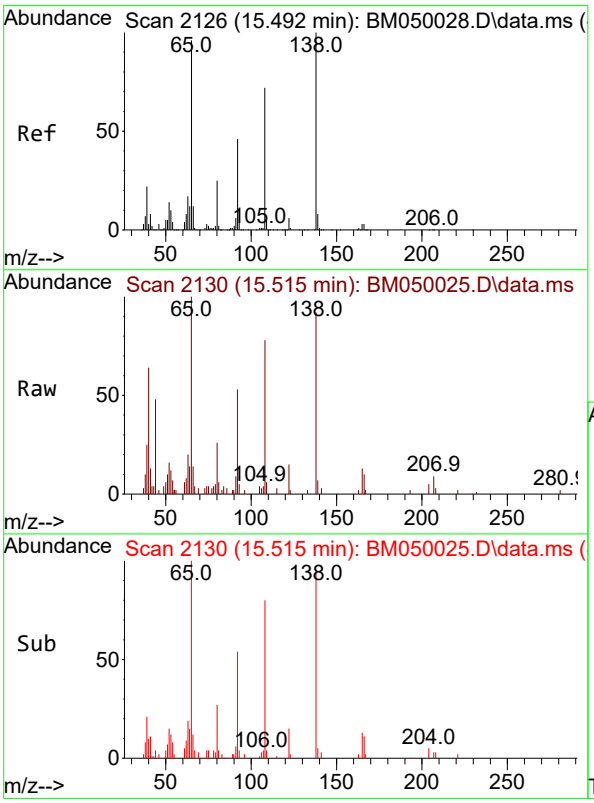
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

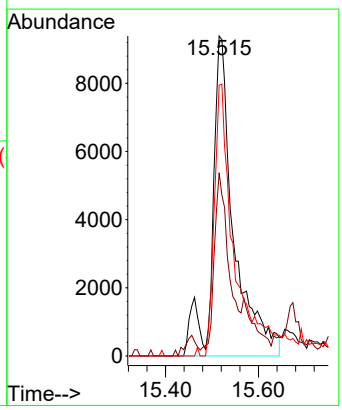


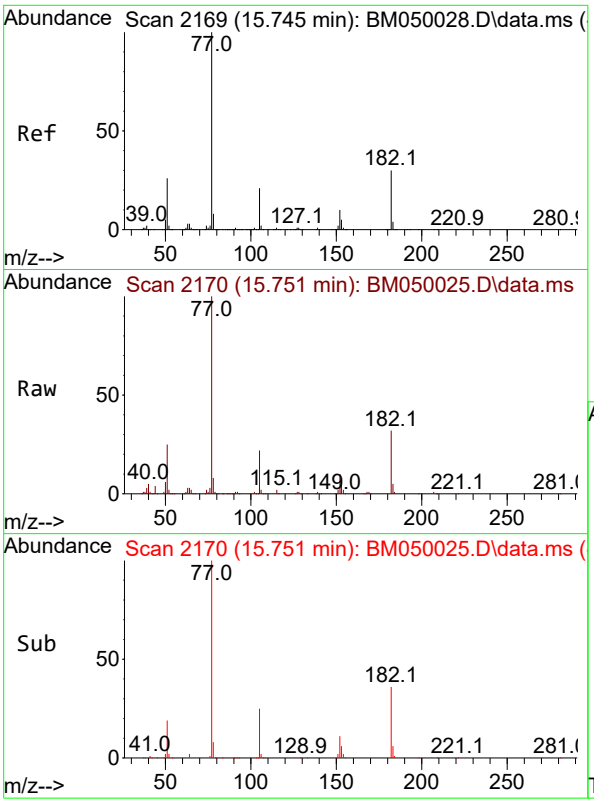


#62
4-Nitroaniline
Concen: 3.737 ng m
RT: 15.515 min Scan# 2130
Delta R.T. 0.023 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:138 Resp: 30138

Ion	Ratio	Lower	Upper
138	100		
92	57.3	25.9	65.9
108	84.6	52.4	92.4

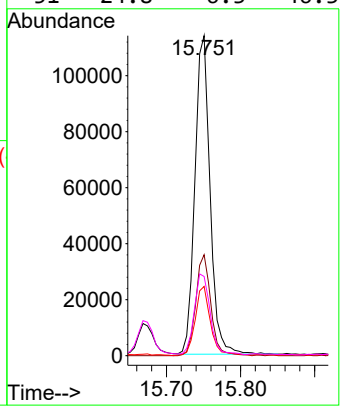




#63
Azobenzene
Concen: 4.844 ng
RT: 15.751 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 77 Resp: 16166

Ion	Ratio	Lower	Upper
77	100		
182	31.6	10.5	50.5
105	21.7	1.1	41.1
51	24.8	6.3	46.3



Instrument :
BNA_M
ClientSampleId :
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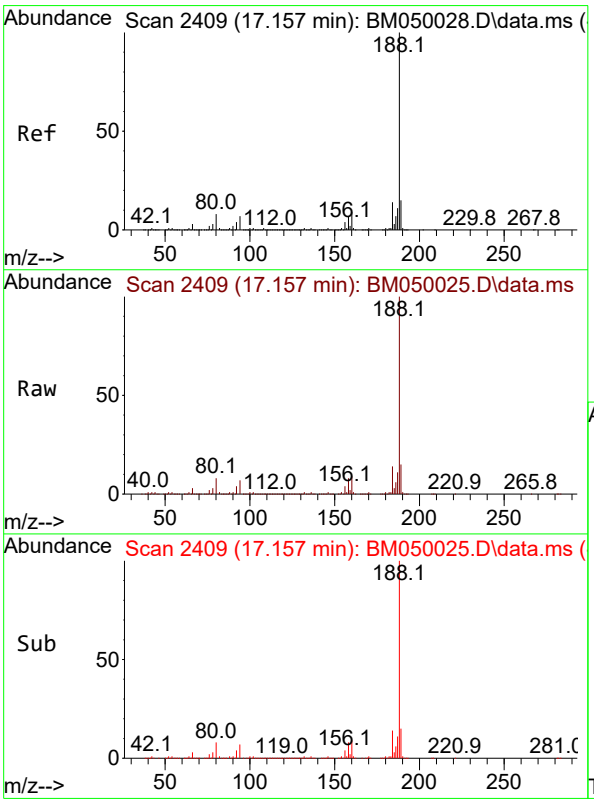
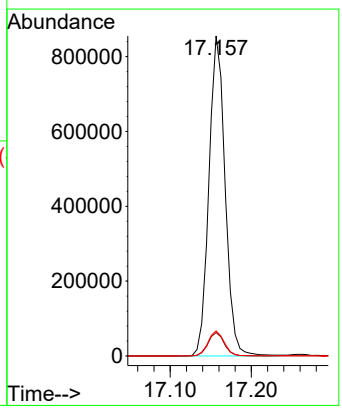
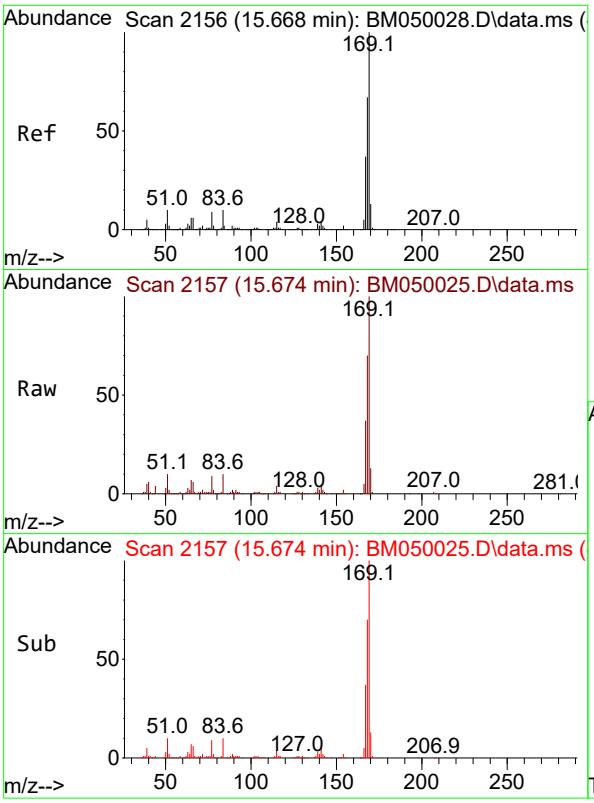


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:188 Resp: 1183325

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	7.9	6.2	9.4

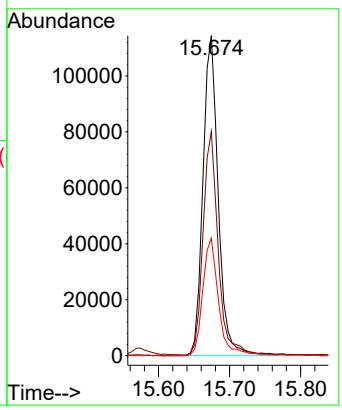




#66
n-Nitrosodiphenylamine
Concen: 4.723 ng
RT: 15.674 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:169 Resp: 17160

Ion	Ratio	Lower	Upper
169	100		
168	70.0	53.4	80.2
167	36.7	29.4	44.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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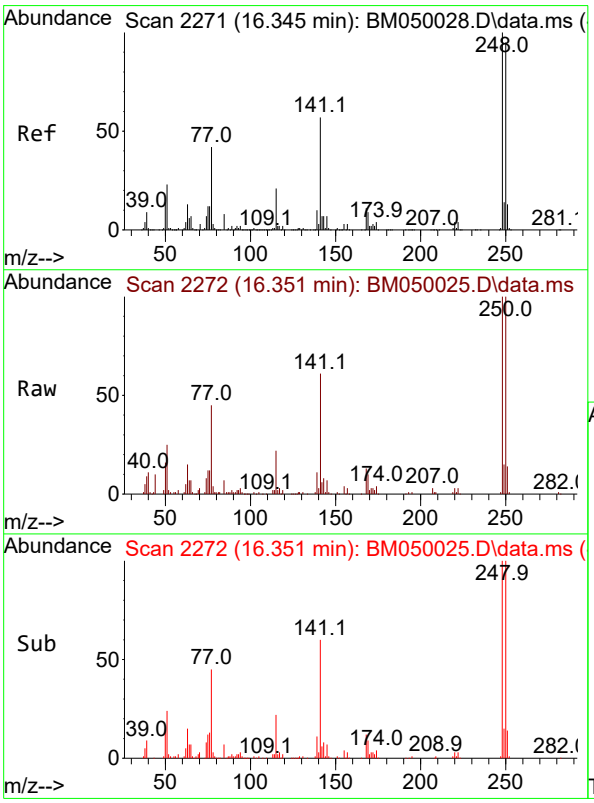
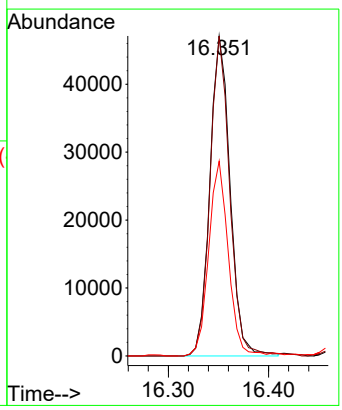
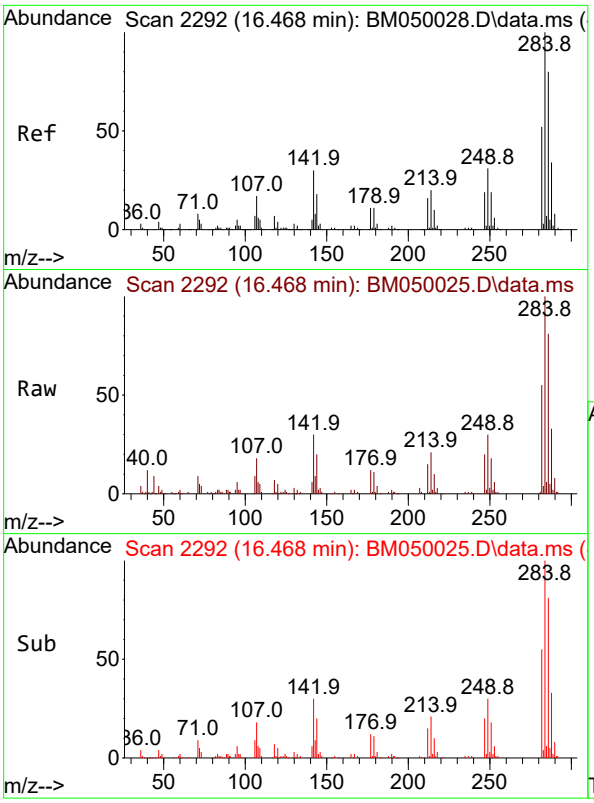


#67
4-Bromophenyl-phenylether
Concen: 4.612 ng
RT: 16.351 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:248 Resp: 66000

Ion	Ratio	Lower	Upper
248	100		
250	99.9	76.2	114.2
141	60.8	45.9	68.9





#68
Hexachlorobenzene
Concen: 4.759 ng
RT: 16.468 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:284 Resp: 7850

Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.9	35.9
249	29.9	24.5	36.7

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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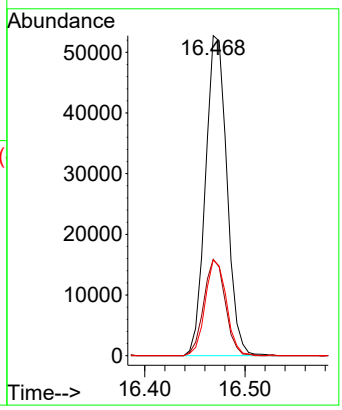
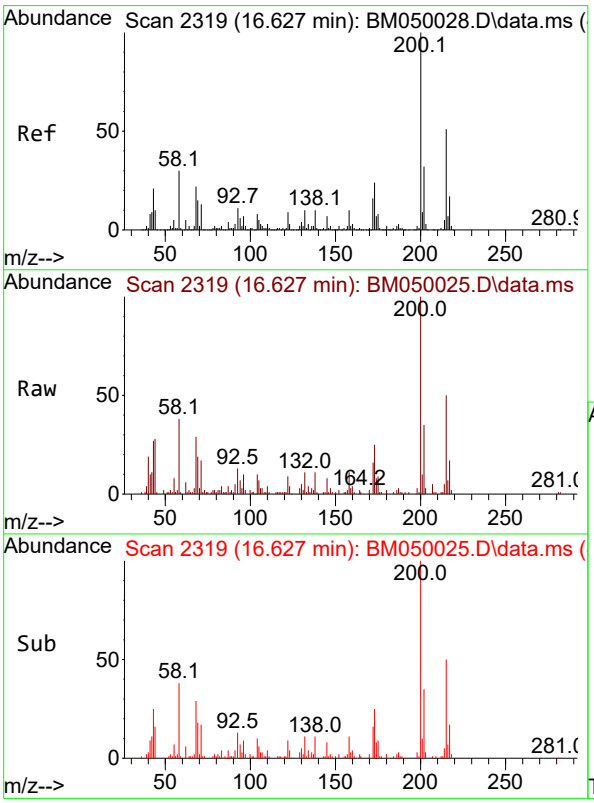
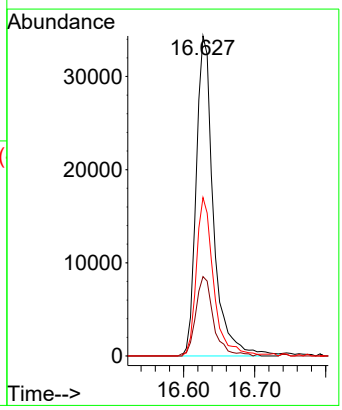


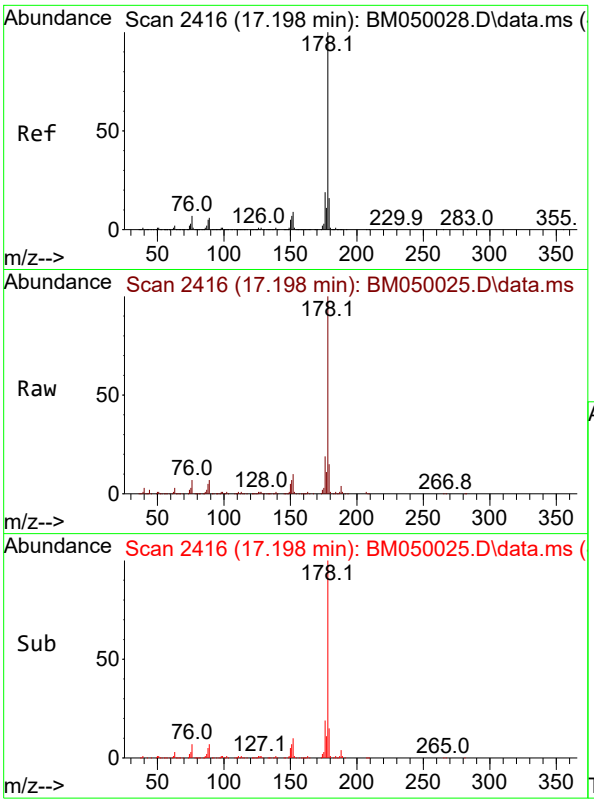


#69
Atrazine
Concen: 4.433 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:200 Resp: 58110

Ion	Ratio	Lower	Upper
200	100		
173	24.8	4.3	44.3
215	49.5	30.6	70.6

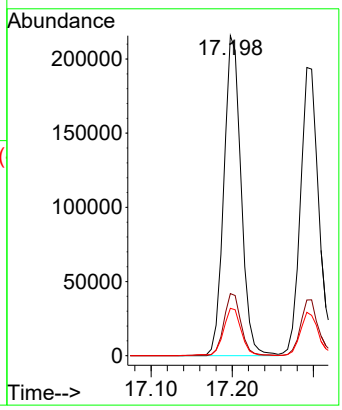




#71
Phenanthrene
Concen: 4.764 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:178 Resp: 31795

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	14.8	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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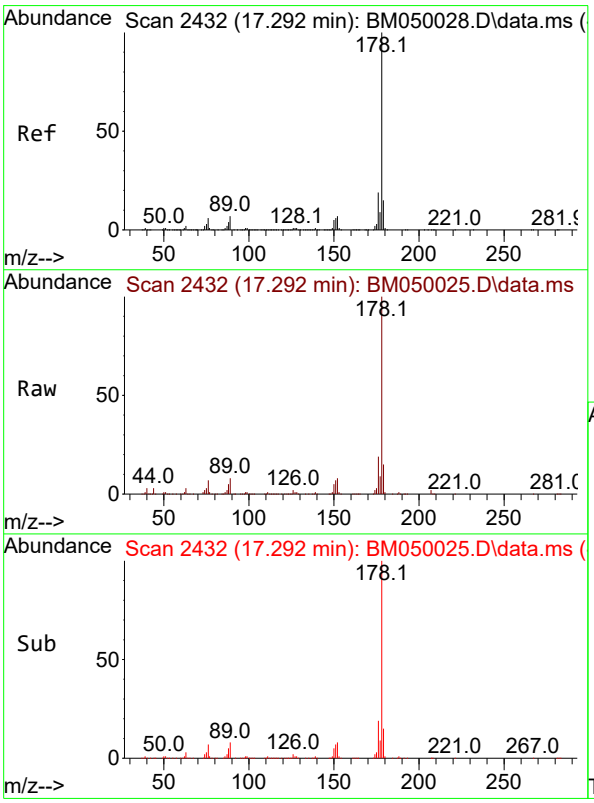
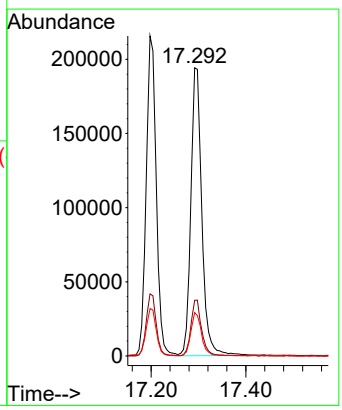
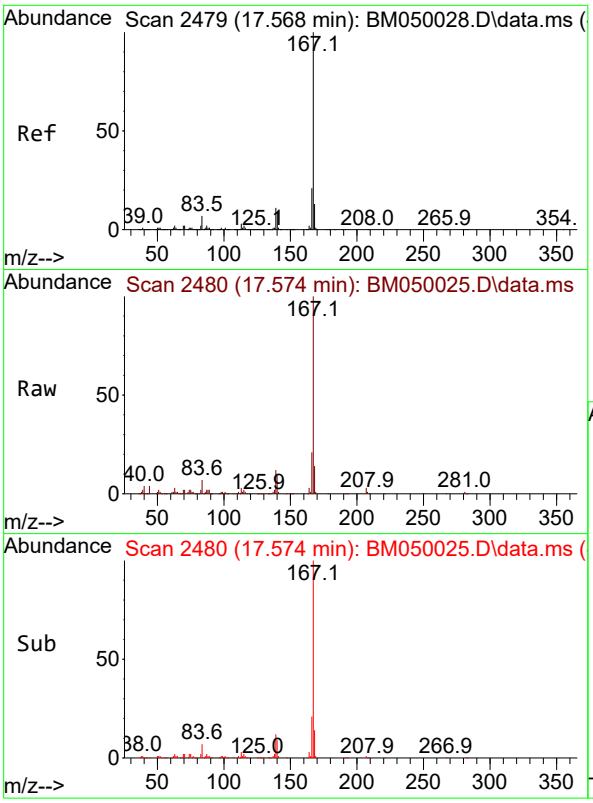


#72
Anthracene
Concen: 4.651 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:178 Resp: 314149

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.0	12.2	18.4

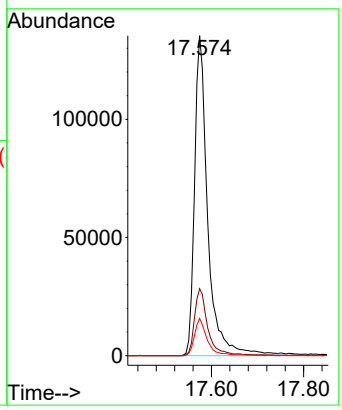




#73
Carbazole
Concen: 4.586 ng
RT: 17.574 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:167 Resp: 26877

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	11.7	9.0	13.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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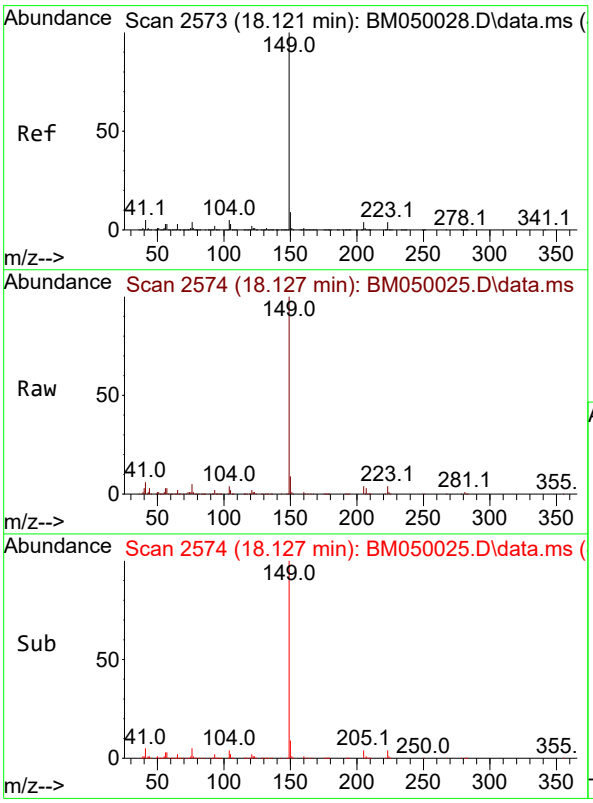
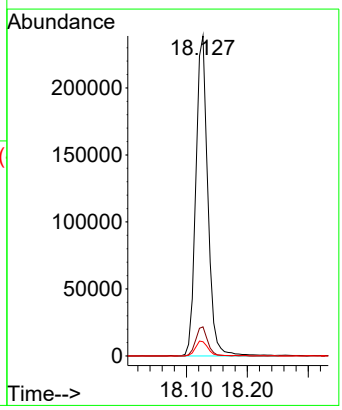
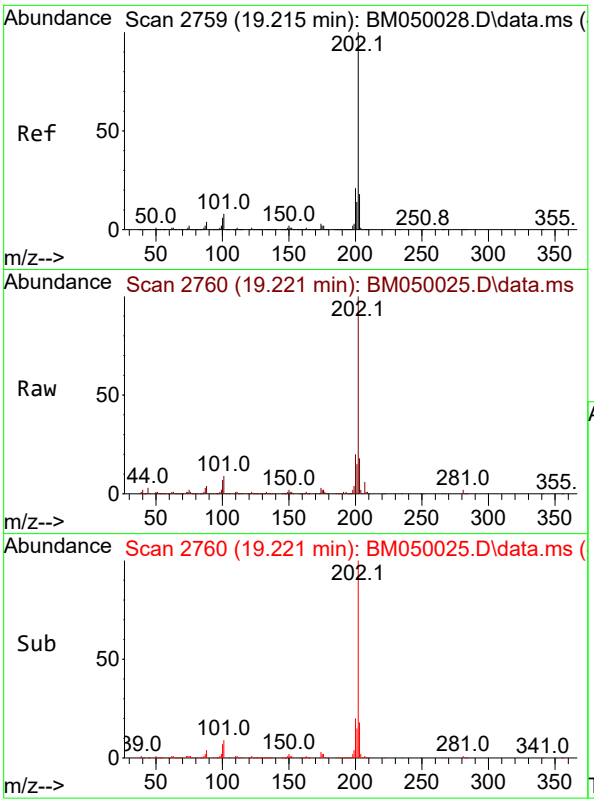


#74
Di-n-butylphthalate
Concen: 4.688 ng
RT: 18.127 min Scan# 2574
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:149 Resp: 327178

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.4	3.8	5.6

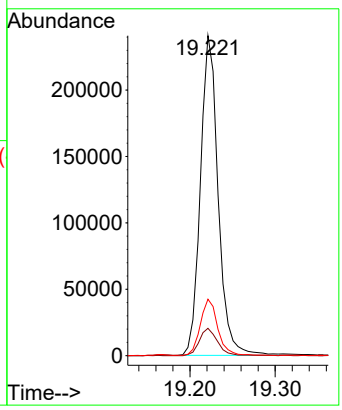




#75
Fluoranthene
Concen: 4.449 ng
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:202 Resp: 34859

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.0
203	17.6	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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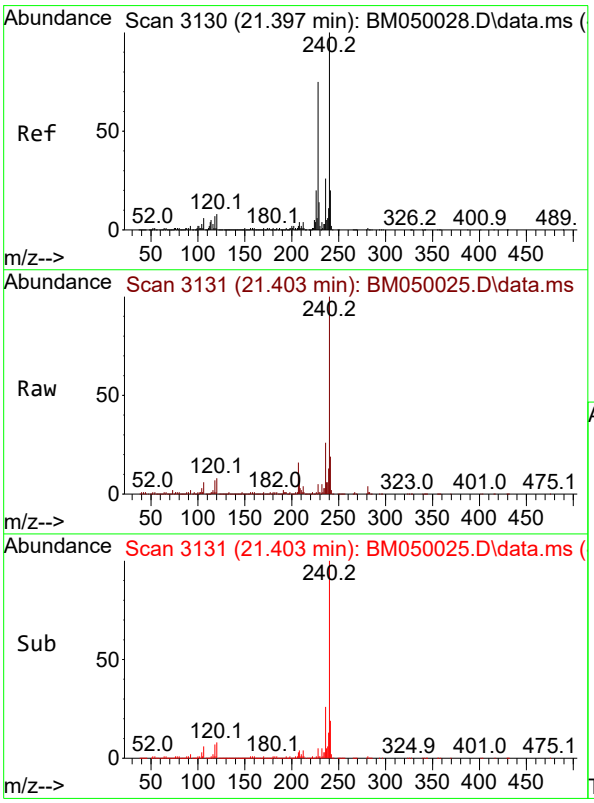
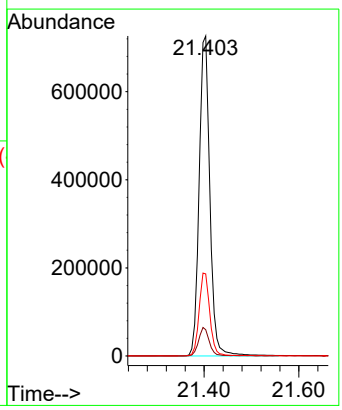
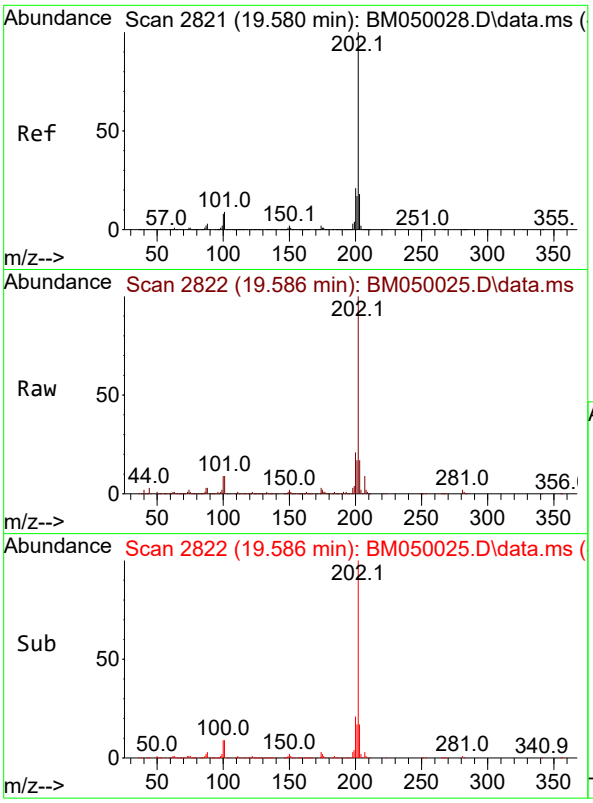


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:240 Resp: 1136162

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.5	9.7
236	25.6	20.9	31.3

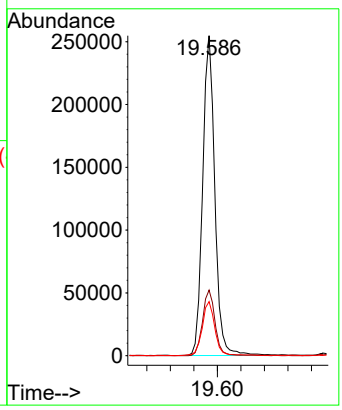




#78
Pyrene
Concen: 4.593 ng
RT: 19.586 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:202 Resp: 36647

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.7	25.1
203	16.9	14.1	21.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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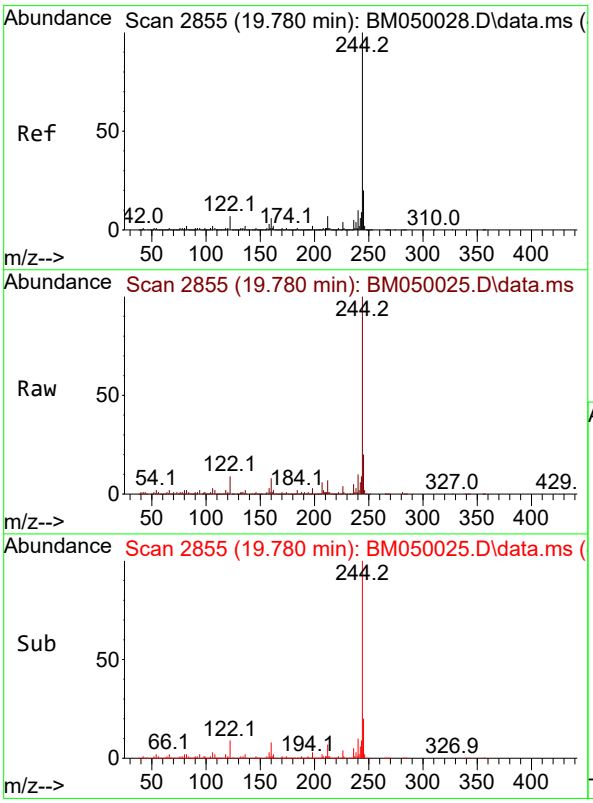
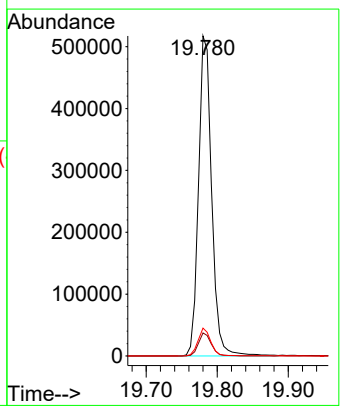
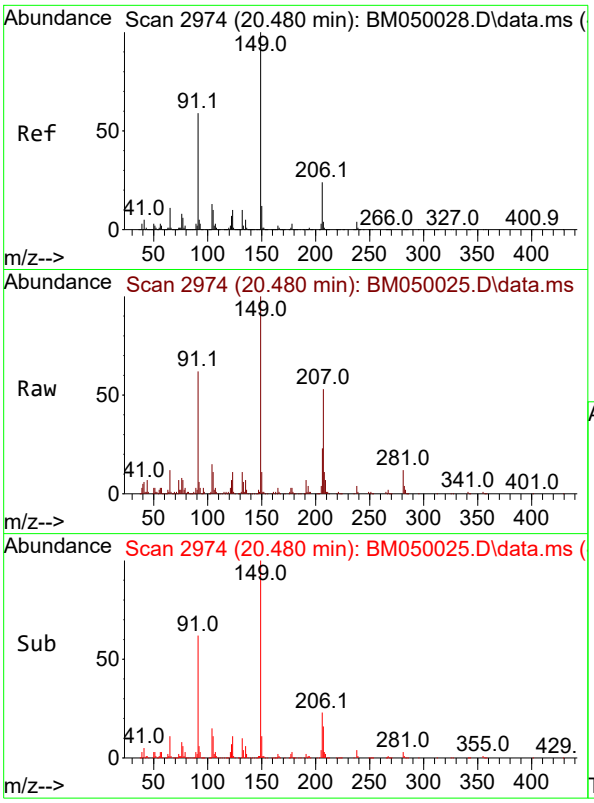


#79
Terphenyl-d14
Concen: 8.704 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:244 Resp: 668289

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	8.7	5.6	8.4#

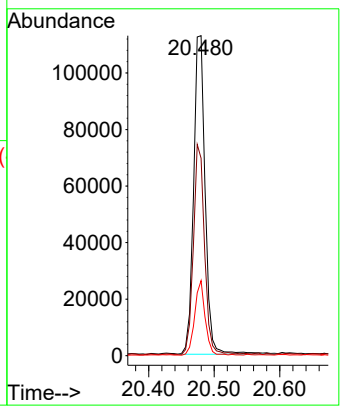




#80
Butylbenzylphthalate
Concen: 4.646 ng
RT: 20.480 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:149 Resp: 13882

Ion	Ratio	Lower	Upper
149	100		
91	61.7	47.4	71.2
206	23.4	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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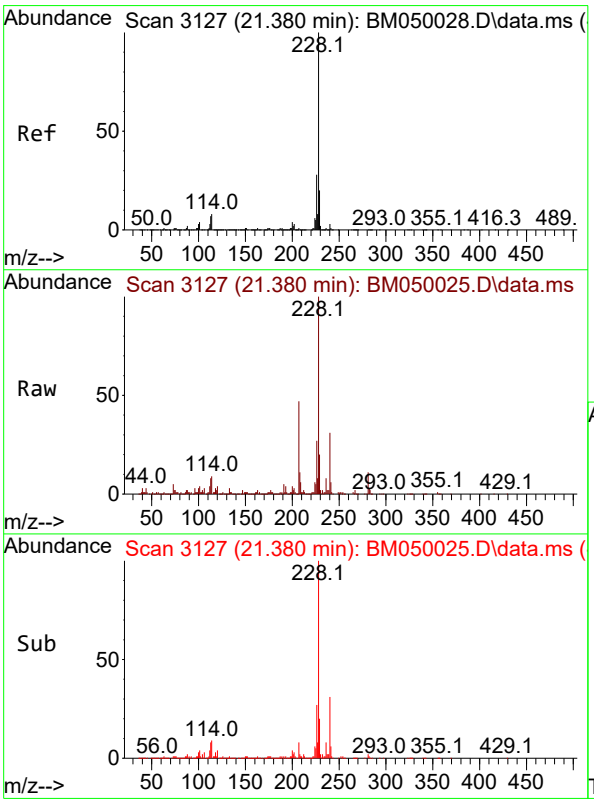
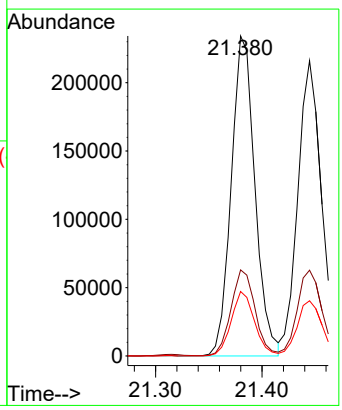
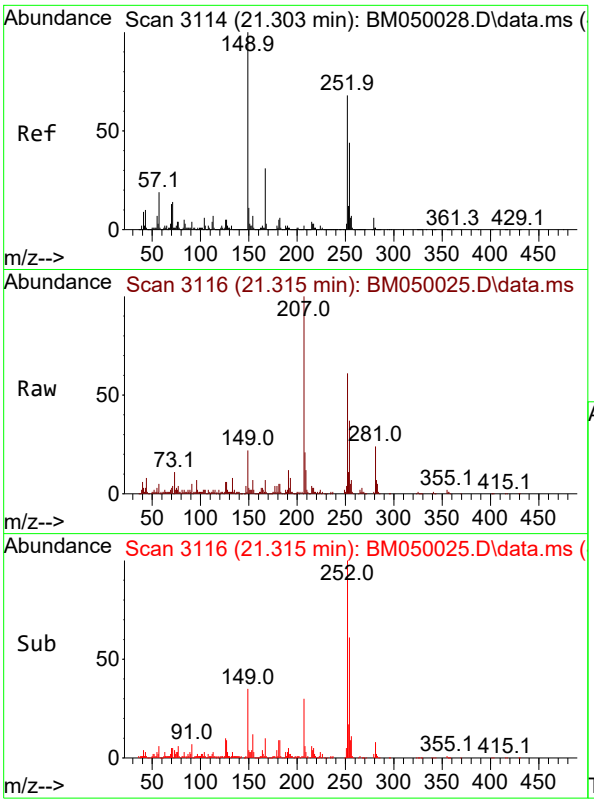


#81
Benzo(a)anthracene
Concen: 4.648 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:228 Resp: 363641

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	20.1	15.7	23.5





#82
3,3'-Dichlorobenzidine
Concen: 4.119 ng
RT: 21.315 min Scan# 3
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

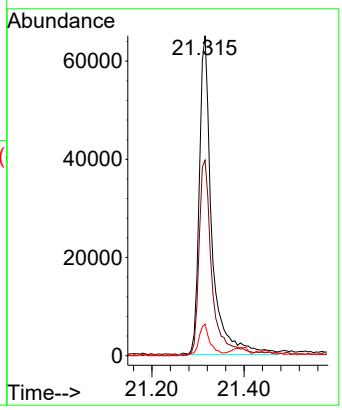
Tgt Ion:252 Resp: 12337

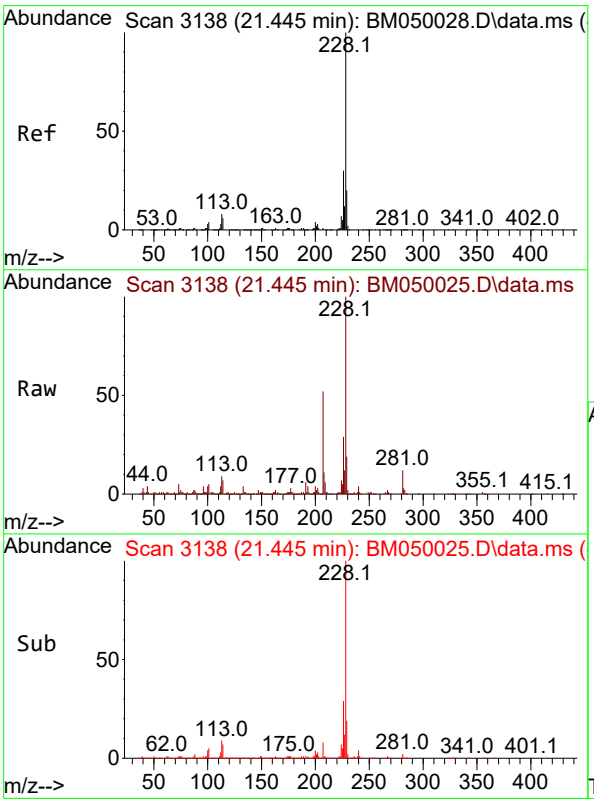
Ion	Ratio	Lower	Upper
252	100		
254	61.0	51.8	77.6
126	9.9	6.0	9.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

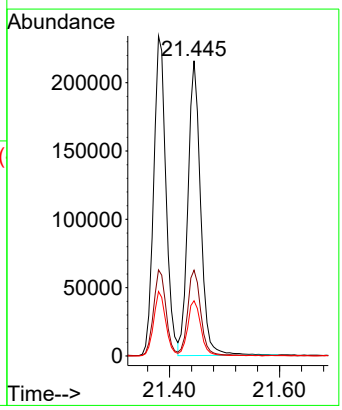


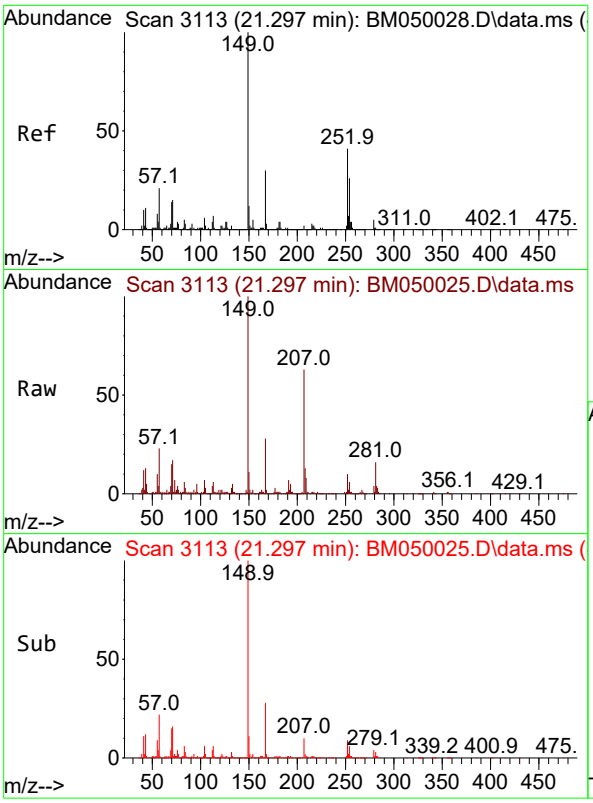


#83
Chrysene
Concen: 4.738 ng
RT: 21.445 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:228 Resp: 343085

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.2	36.2
229	18.7	15.7	23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.620 ng
RT: 21.297 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

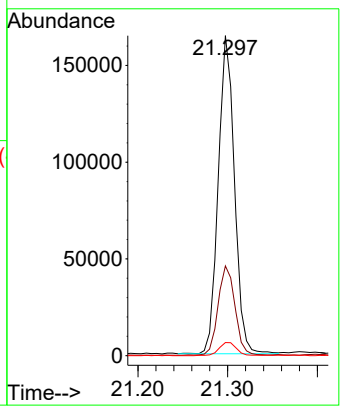
Tgt Ion:149 Resp: 20623

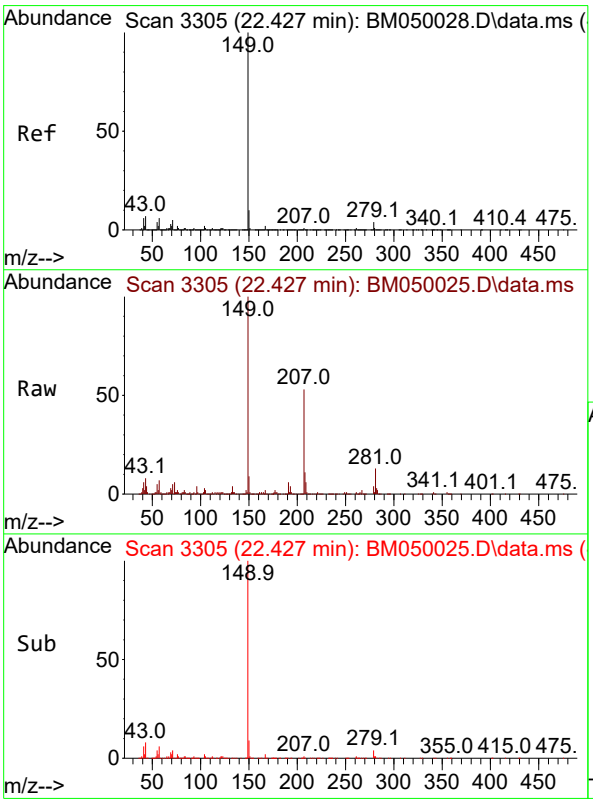
Ion	Ratio	Lower	Upper
149	100		
167	28.0	24.1	36.1
279	4.1	3.9	5.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

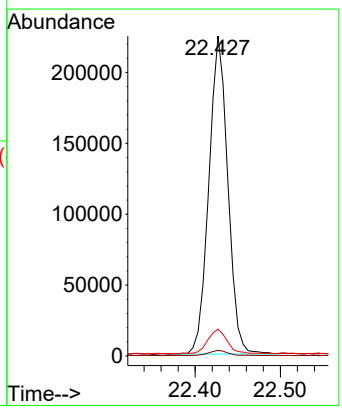


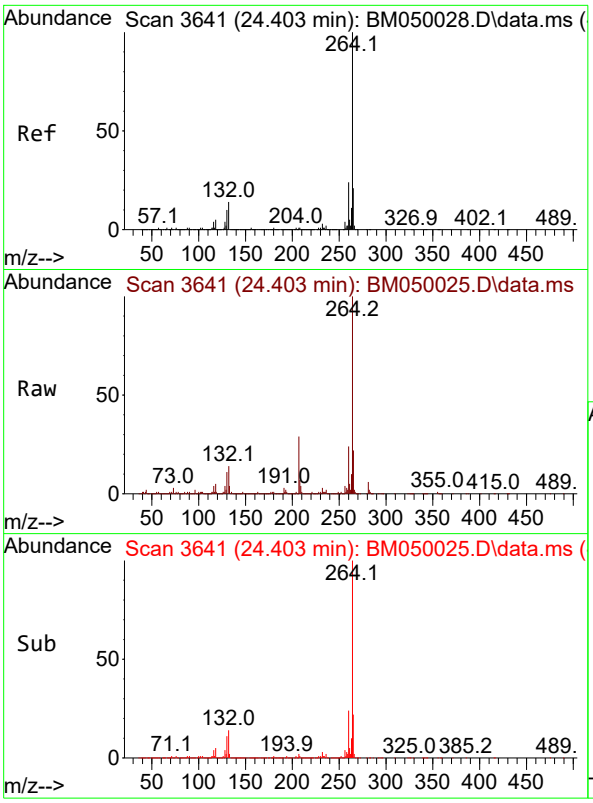


#85
Di-n-octyl phthalate
Concen: 4.711 ng
RT: 22.427 min Scan# 3305
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:149 Resp: 346799

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.0	5.8	8.8

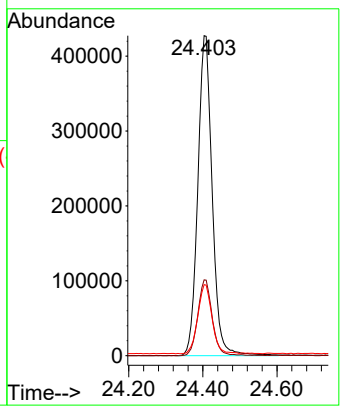




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:264 Resp: 114991

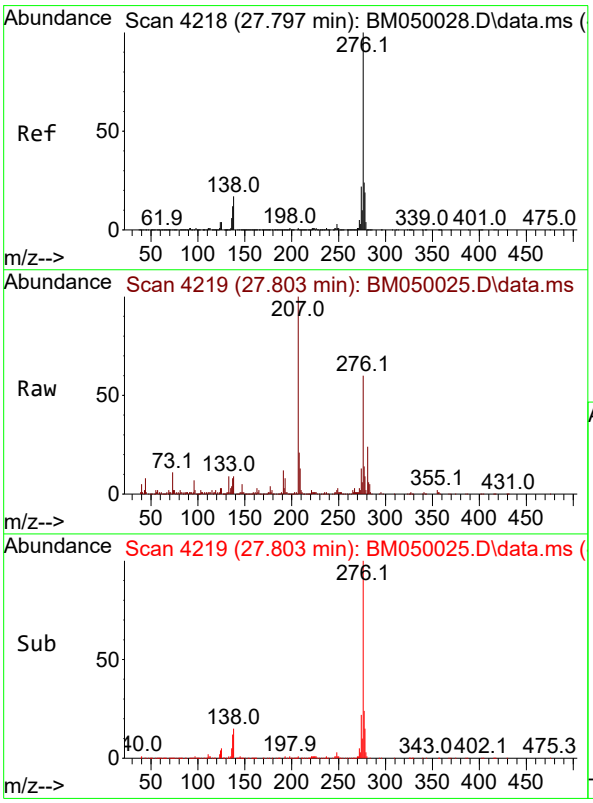
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.2	17.0	25.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

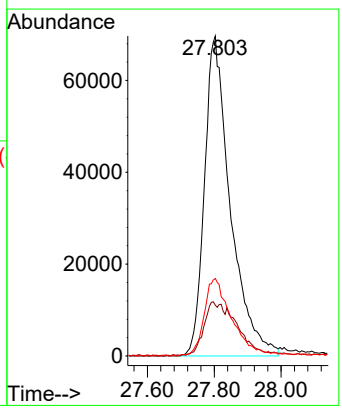
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

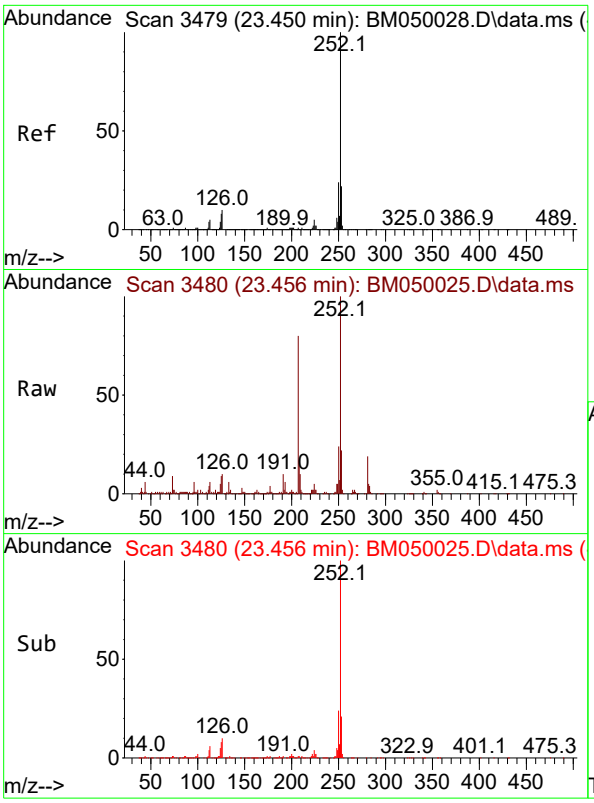


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.364 ng
RT: 27.803 min Scan# 4219
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:276 Resp: 373944

Ion	Ratio	Lower	Upper
276	100		
138	8.9	16.4	24.6#
277	25.9	19.8	29.8





#88
Benzo(b)fluoranthene
Concen: 4.338 ng
RT: 23.456 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

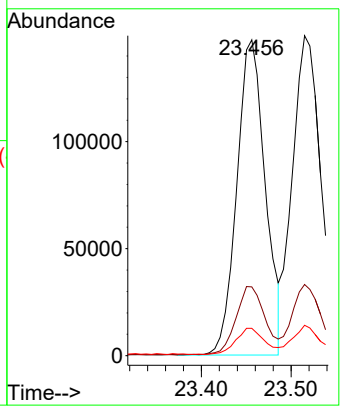
Tgt Ion:252 Resp: 32439

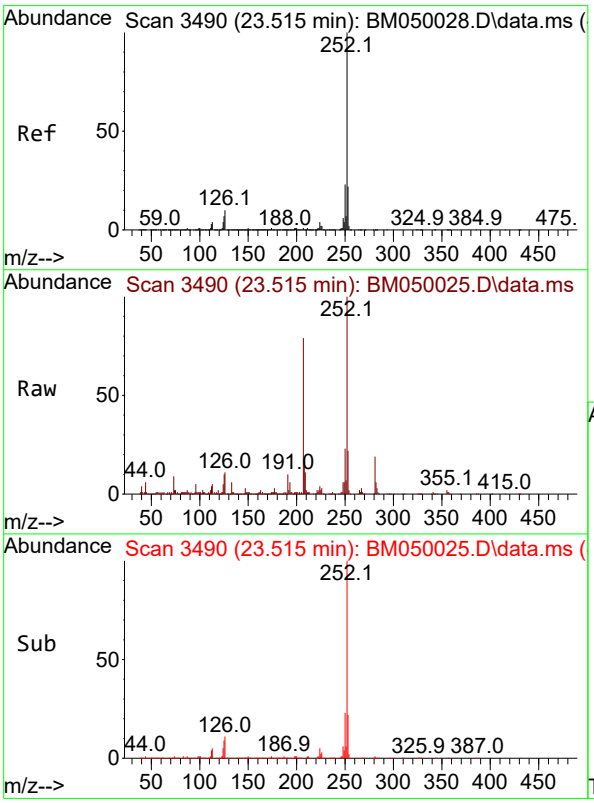
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	8.7	6.1	9.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

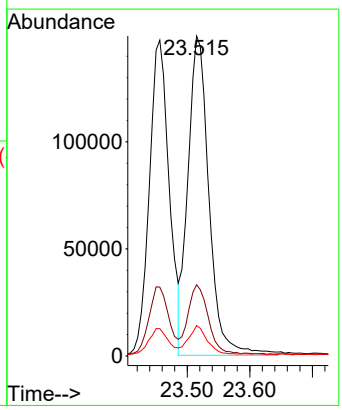


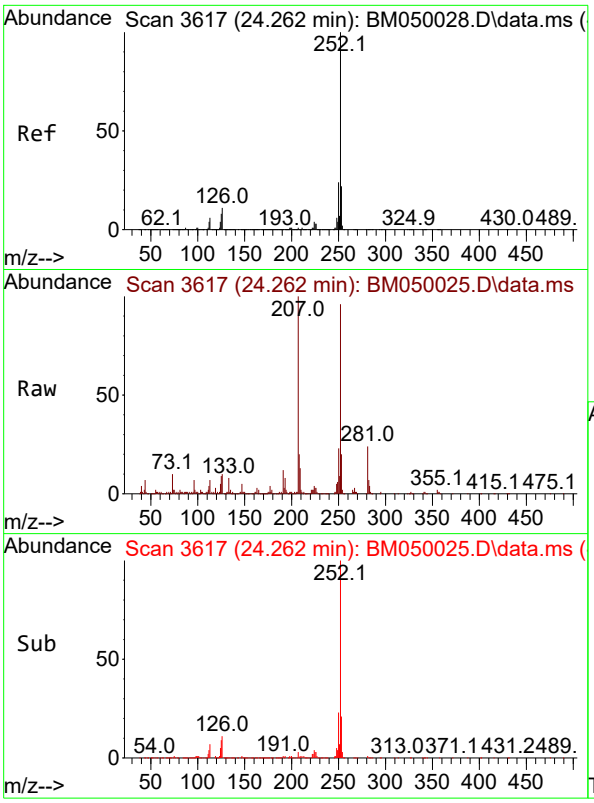


#89
Benzo(k)fluoranthene
Concen: 4.631 ng m
RT: 23.515 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:252 Resp: 350374

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.5	5.8	8.8#

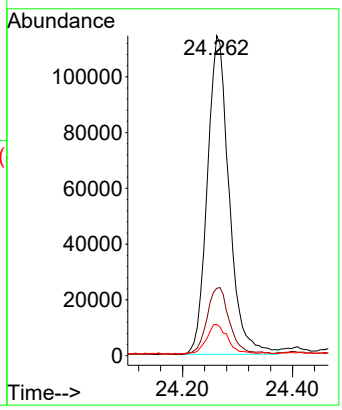




#90
Benzo(a)pyrene
Concen: 4.492 ng
RT: 24.262 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:252 Resp: 31460

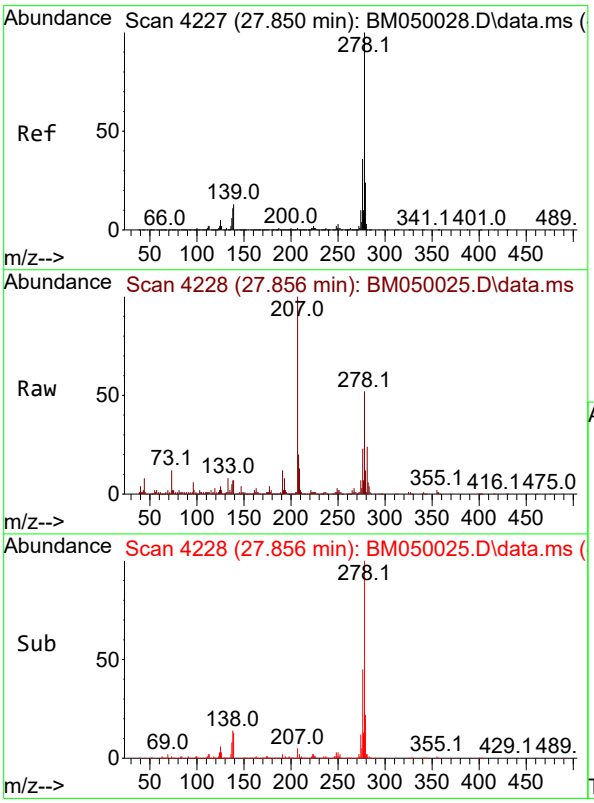
Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.0
125	9.7	6.6	9.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

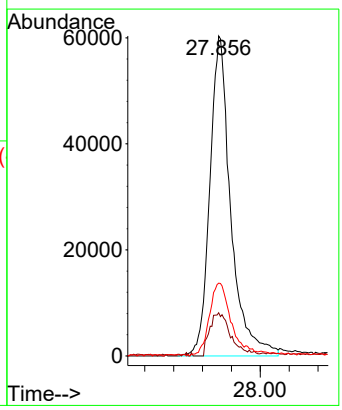
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

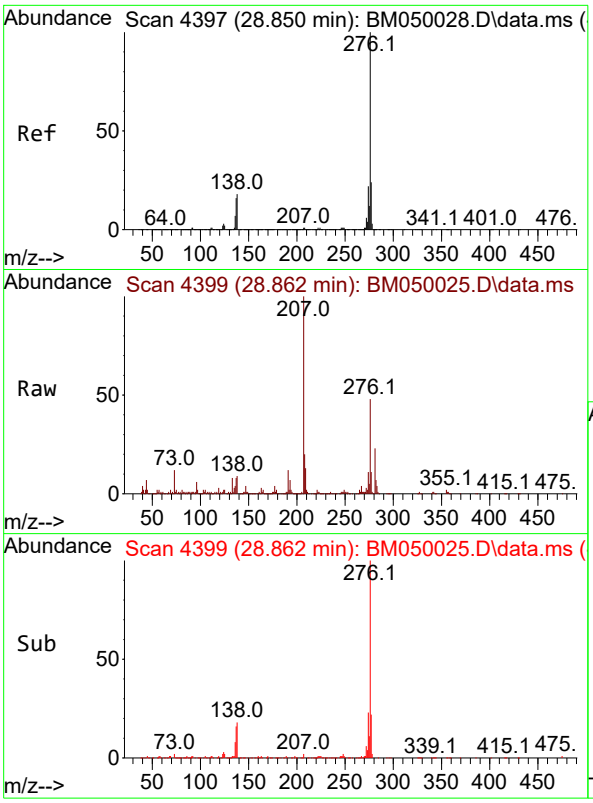


#91
Dibenzo(a,h)anthracene
Concen: 4.346 ng
RT: 27.856 min Scan# 4228
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:278 Resp: 303557

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.5	15.7
279	22.8	19.4	29.0

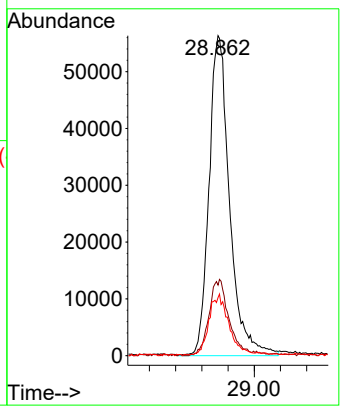




#92
Benzo(g,h,i)perylene
Concen: 4.585 ng
RT: 28.862 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:276 Resp: 30657

Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.1	28.7
138	18.1	14.3	21.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	250110	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	926512	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	636652	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1274608	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1213581	20.000	ng		0.00
86) Perylene-d12	24.403	264	1224339	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	269870	18.894	ng		0.00
7) Phenol-d6	6.957	99	329701	18.366	ng		0.00
23) Nitrobenzene-d5	8.928	82	346334	18.420	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	158339	16.820	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	989917	18.394	ng		0.00
79) Terphenyl-d14	19.780	244	1443528	17.601	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	58048	9.478	ng		98
3) Pyridine	3.663	79	145801	9.266	ng		98
4) n-Nitrosodimethylamine	3.569	42	57404	9.302	ng	#	93
6) Aniline	7.098	93	211256	9.319	ng		100
8) 2-Chlorophenol	7.339	128	145228	9.404	ng		99
9) Benzaldehyde	6.916	77	115030m	9.587	ng		
10) Phenol	6.981	94	168041	9.246	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	138197	9.107	ng		100
12) 1,3-Dichlorobenzene	7.657	146	178565	9.572	ng		96
13) 1,4-Dichlorobenzene	7.804	146	177312	9.461	ng		99
14) 1,2-Dichlorobenzene	8.122	146	174224	9.624	ng		100
15) Benzyl Alcohol	8.022	79	110234	8.854	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	177776	9.637	ng		97
17) 2-Methylphenol	8.228	107	111639	9.325	ng		99
18) Hexachloroethane	8.845	117	63487	9.530	ng		98
19) n-Nitroso-di-n-propyla...	8.575	70	110641	9.609	ng		98
20) 3+4-Methylphenols	8.563	107	146303	9.049	ng		99
22) Acetophenone	8.592	105	214790	9.325	ng		98
24) Nitrobenzene	8.969	77	150534	9.259	ng		99
25) Isophorone	9.498	82	300179	9.366	ng		99
26) 2-Nitrophenol	9.686	139	72521	8.732	ng		97
27) 2,4-Dimethylphenol	9.757	122	123406	8.960	ng		97
28) bis(2-Chloroethoxy)met...	9.975	93	184837	9.331	ng		99
29) 2,4-Dichlorophenol	10.245	162	137916	8.938	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	177721	9.453	ng		97
31) Naphthalene	10.610	128	444206	9.467	ng		99
32) Benzoic acid	9.875	122	63971m	7.282	ng		
33) 4-Chloroaniline	10.739	127	181907	9.458	ng		99
34) Hexachlorobutadiene	10.898	225	111307	9.327	ng		99
35) Caprolactam	11.516	113	39344	8.745	ng		94
36) 4-Chloro-3-methylphenol	11.880	107	131076	9.194	ng		98
37) 2-Methylnaphthalene	12.227	142	296053	9.411	ng		97
38) 1-Methylnaphthalene	12.451	142	312512	9.387	ng		97
40) 1,2,4,5-Tetrachloroben...	12.604	216	197943	8.981	ng		99
41) Hexachlorocyclopentadiene	12.580	237	96522	7.166	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	121240	8.673	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	132882	8.815	ng		96
46) 1,1'-Biphenyl	13.245	154	443960	9.381	ng		99
47) 2-Chloronaphthalene	13.286	162	354101	9.447	ng		99
48) 2-Nitroaniline	13.498	65	77101	8.764	ng		94
49) Acenaphthylene	14.133	152	545774	9.235	ng		100
50) Dimethylphthalate	13.868	163	438261	9.419	ng		99
51) 2,6-Dinitrotoluene	13.992	165	86242	8.953	ng		98
52) Acenaphthene	14.474	154	317735	9.288	ng		98
53) 3-Nitroaniline	14.333	138	78720	8.559	ng	#	99
54) 2,4-Dinitrophenol	14.563	184	31979	10.558	ng		96
55) Dibenzofuran	14.810	168	535023	9.401	ng		99
56) 4-Nitrophenol	14.710	139	40722	9.668	ng		96
57) 2,4-Dinitrotoluene	14.792	165	116476	8.750	ng		95
58) Fluorene	15.462	166	427384	9.174	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.051	232	115185	8.828	ng		98
60) Diethylphthalate	15.233	149	414149	9.447	ng		100
61) 4-Chlorophenyl-phenyle...	15.457	204	227926	8.908	ng		94
62) 4-Nitroaniline	15.498	138	74565m	8.397	ng		
63) Azobenzene	15.745	77	347347	9.454	ng		99
65) 4,6-Dinitro-2-methylph...	15.562	198	56182	7.042	ng		93
66) n-Nitrosodiphenylamine	15.668	169	364601	9.315	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	137532	8.923	ng		99
68) Hexachlorobenzene	16.468	284	160195	9.016	ng		99
69) Atrazine	16.621	200	126168	8.937	ng		98
70) Pentachlorophenol	16.827	266	74839	7.483	ng		95
71) Phenanthrene	17.198	178	659374	9.172	ng		100
72) Anthracene	17.292	178	661260	9.089	ng		99
73) Carbazole	17.568	167	573667	9.087	ng		99
74) Di-n-butylphthalate	18.121	149	689248	9.168	ng		99
75) Fluoranthene	19.221	202	727607	8.621	ng		99
77) Benzidine	19.415	184	339970	7.887	ng		99
78) Pyrene	19.586	202	761625	8.937	ng		99
80) Butylbenzylphthalate	20.474	149	290617	9.105	ng		93
81) Benzo(a)anthracene	21.380	228	747128	8.940	ng		100
82) 3,3'-Dichlorobenzidine	21.309	252	262017	8.190	ng		100
83) Chrysene	21.444	228	709862	9.178	ng		99
84) Bis(2-ethylhexyl)phtha...	21.297	149	439949	9.228	ng		98
85) Di-n-octyl phthalate	22.427	149	726208	9.236	ng		99
87) Indeno(1,2,3-cd)pyrene	27.791	276	791344	8.674	ng		99
88) Benzo(b)fluoranthene	23.450	252	703118	8.831	ng		98
89) Benzo(k)fluoranthene	23.515	252	704142	8.741	ng		99
90) Benzo(a)pyrene	24.262	252	652617	8.751	ng		99
91) Dibenzo(a,h)anthracene	27.844	278	638913	8.591	ng		98
92) Benzo(g,h,i)perylene	28.850	276	630261	8.852	ng		99

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

ICAL Form

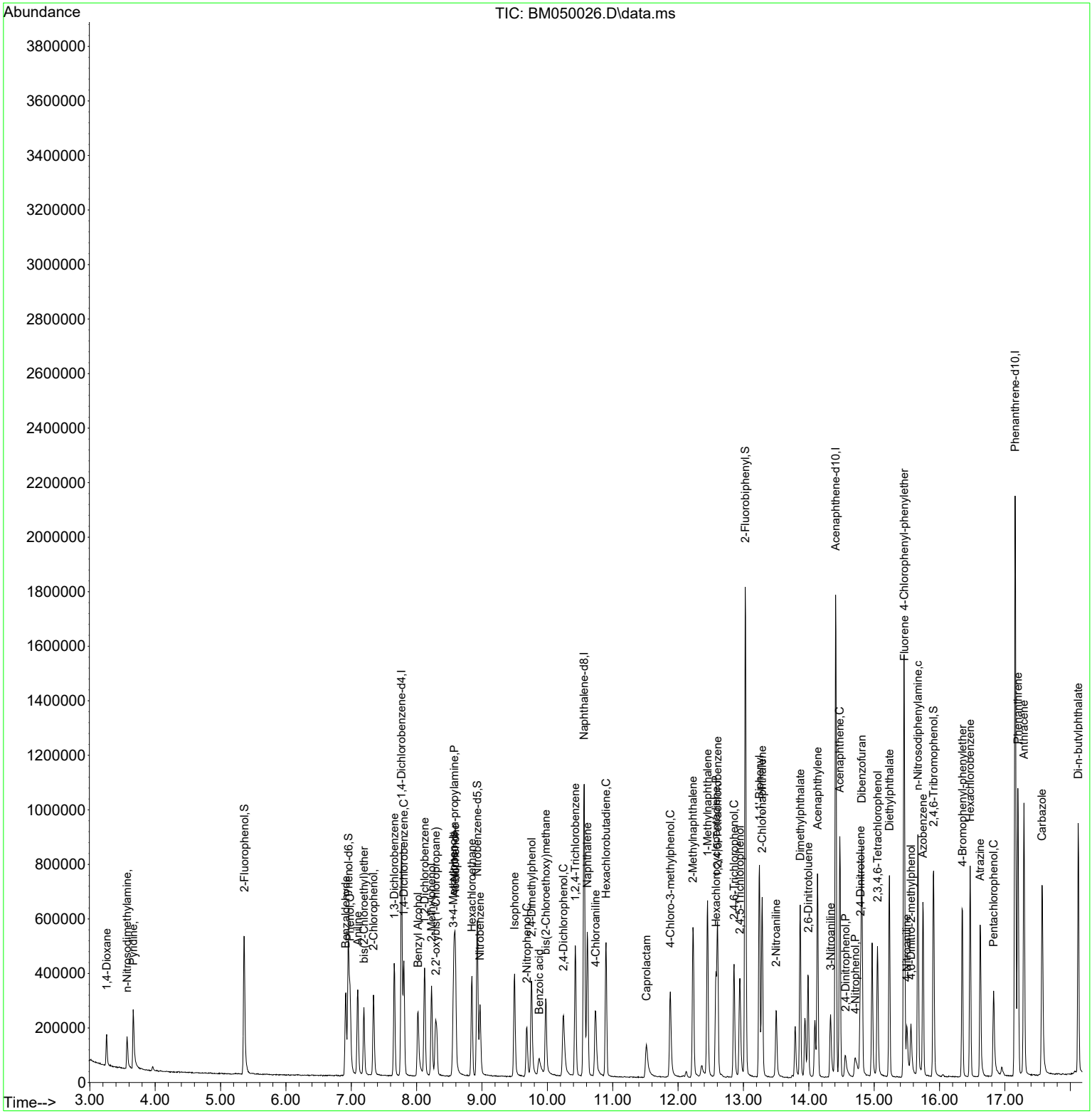
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
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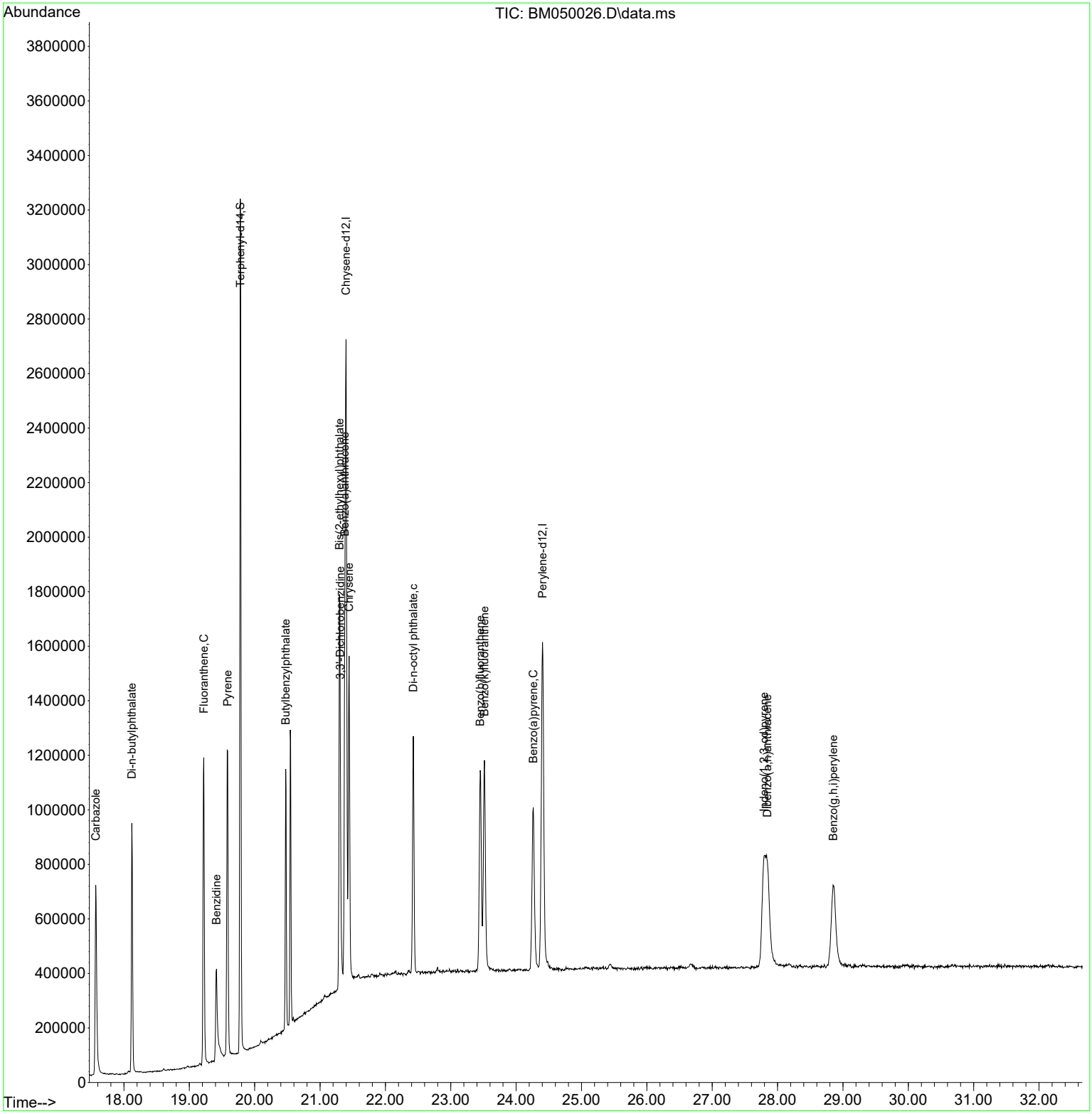
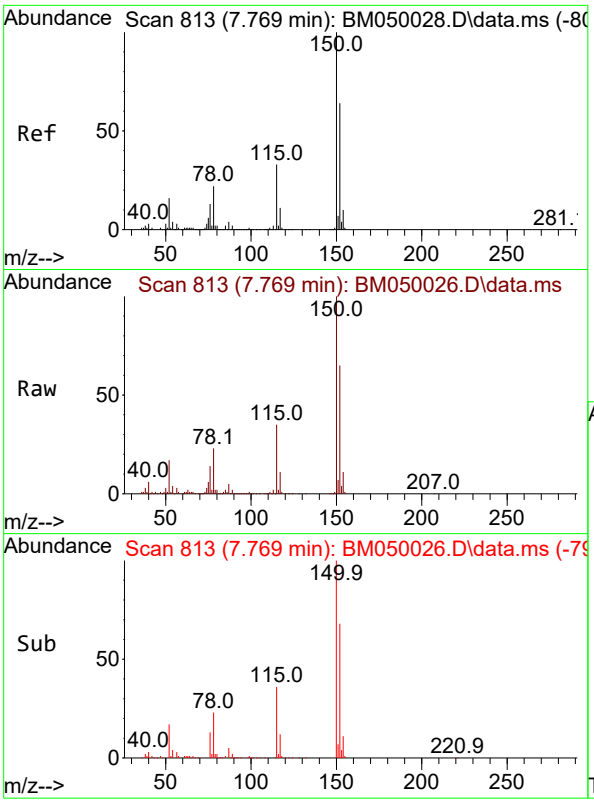
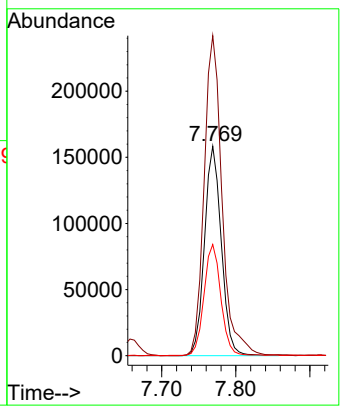




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:152 Resp: 25011

Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.1	186.1
115	53.1	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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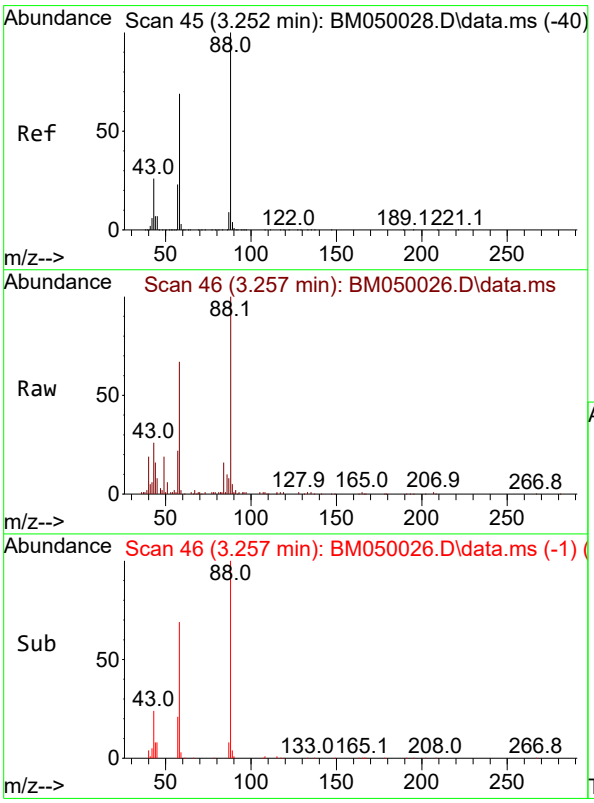
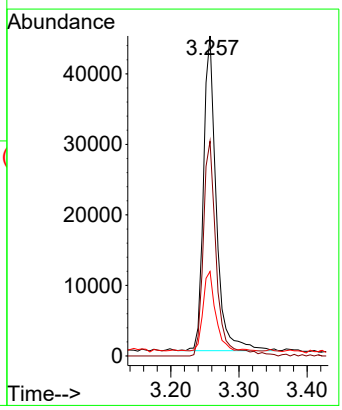
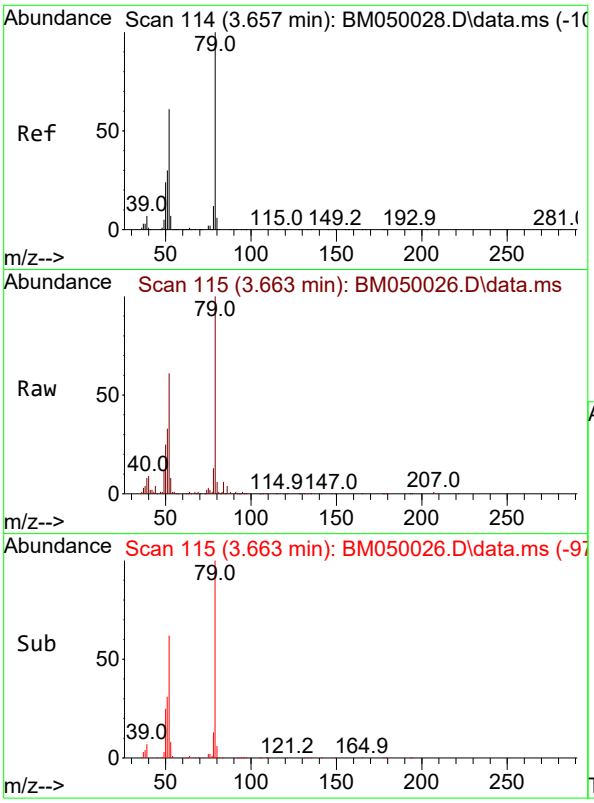


#2
1,4-Dioxane
Concen: 9.478 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 88 Resp: 58048

Ion	Ratio	Lower	Upper
88	100		
58	70.3	55.1	82.7
43	24.7	20.9	31.3





#3
Pyridine
Concen: 9.266 ng
RT: 3.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 79 Resp: 14580

Ion	Ratio	Lower	Upper
79	100		
52	61.3	48.6	72.8
51	33.3	24.6	37.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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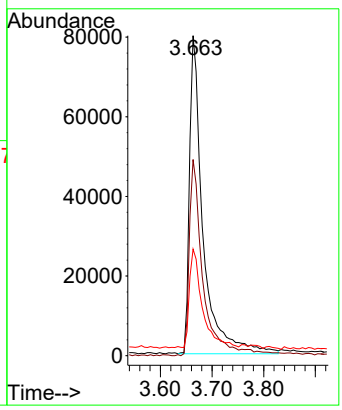
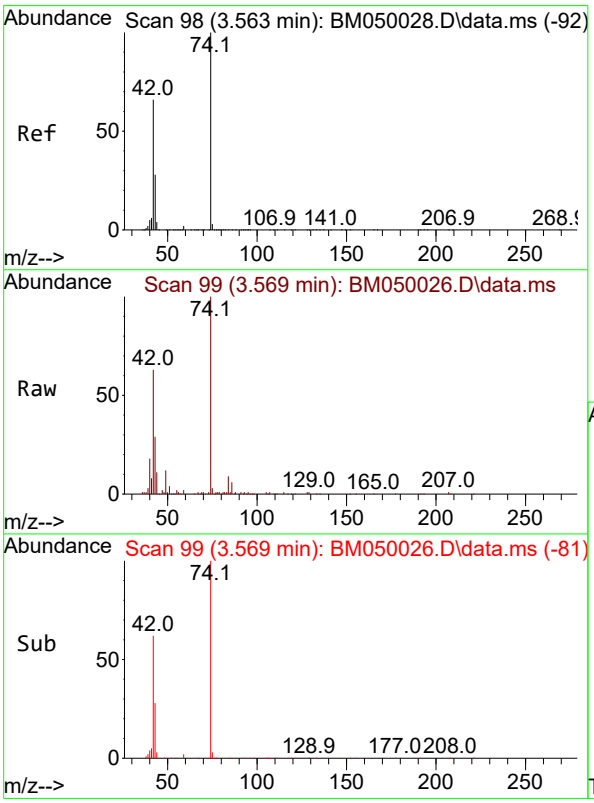
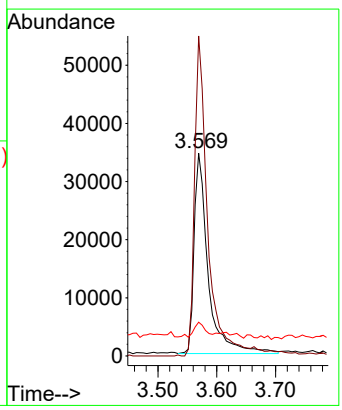


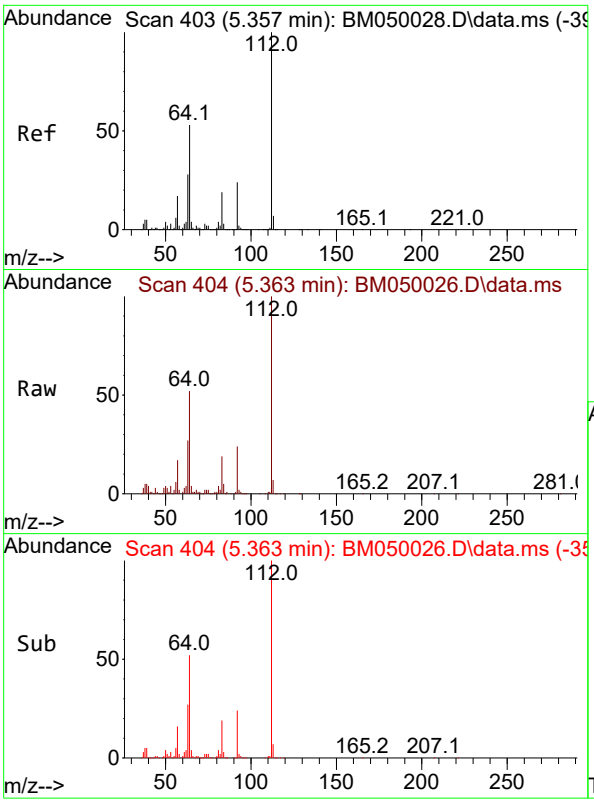


#4
n-Nitrosodimethylamine
Concen: 9.302 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 42 Resp: 57404

Ion	Ratio	Lower	Upper
42	100		
74	157.9	120.2	180.2
44	16.6	6.2	9.2#





#5
2-Fluorophenol
Concen: 18.894 ng
RT: 5.363 min Scan# 4(
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:112 Resp: 26987(

Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.6	64.0
63	26.8	22.2	33.4

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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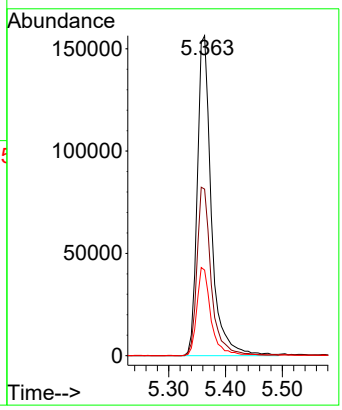
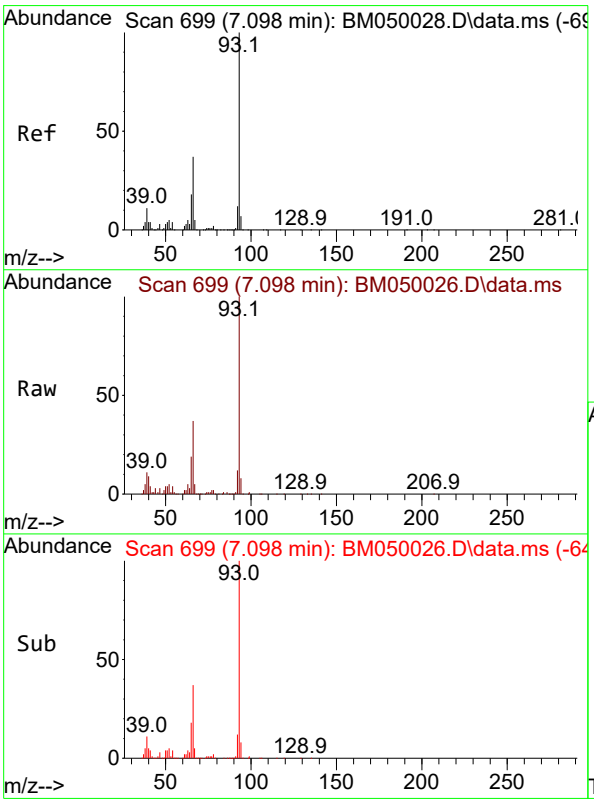
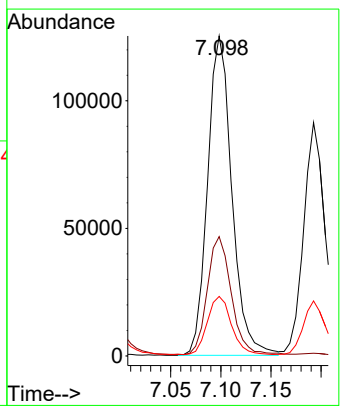


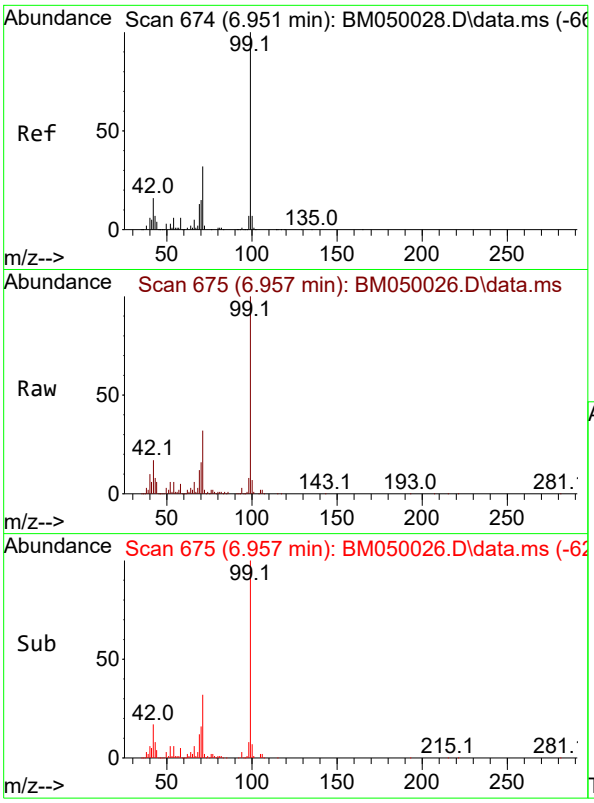


#6
Aniline
Concen: 9.319 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 93 Resp: 211256

Ion	Ratio	Lower	Upper
93	100		
66	37.3	29.9	44.9
65	18.6	14.5	21.7

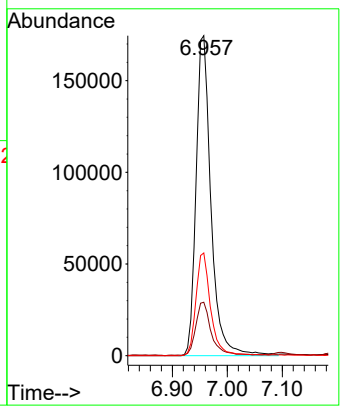




#7
Phenol-d6
Concen: 18.366 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 99 Resp: 32970

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.4
71	32.1	25.6	38.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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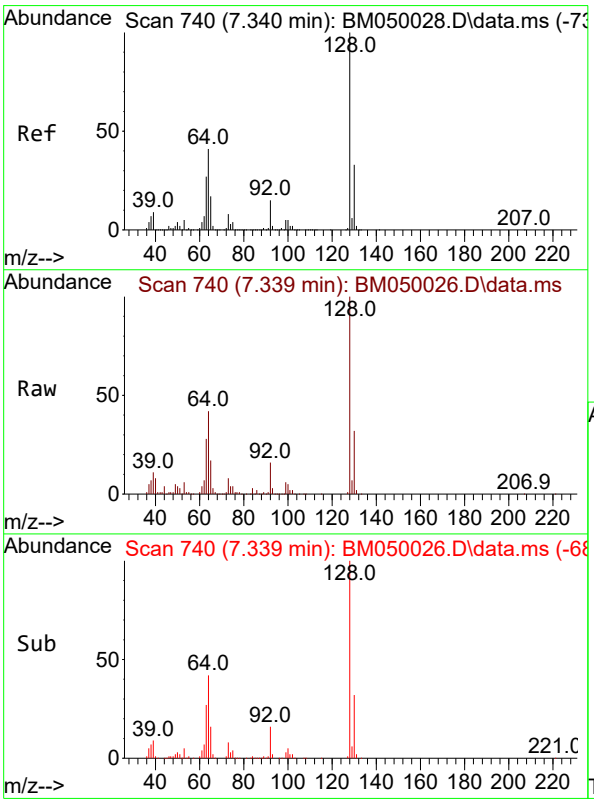
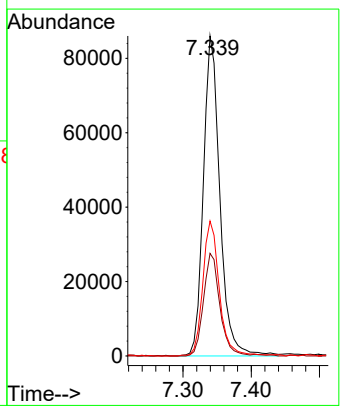
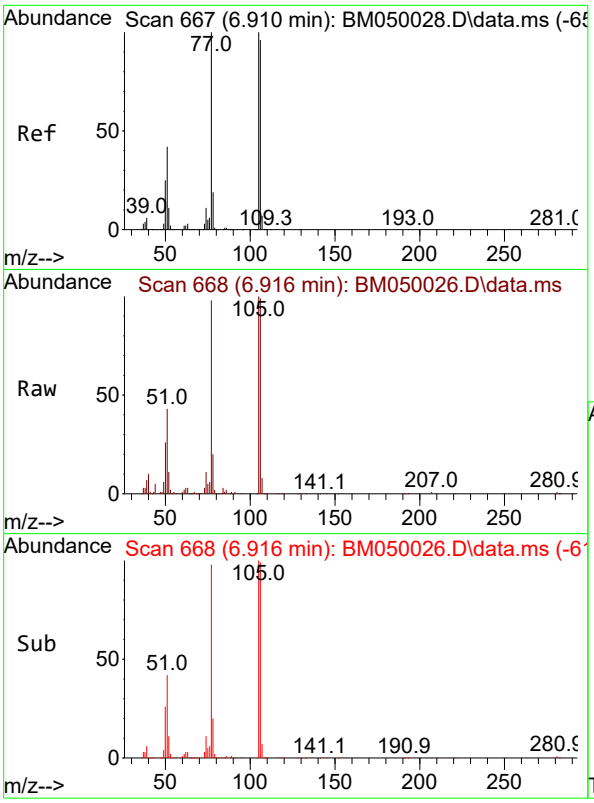


#8
2-Chlorophenol
Concen: 9.404 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:128 Resp: 145228

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.8	52.8
64	42.2	21.2	61.2

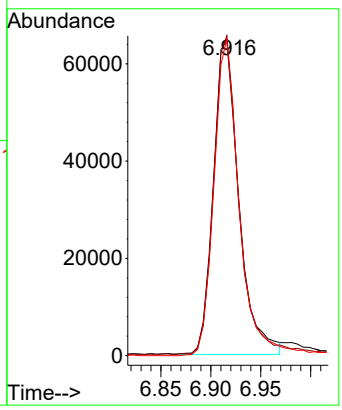




#9
Benzaldehyde
Concen: 9.587 ng m
RT: 6.916 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 77 Resp: 11503

Ion	Ratio	Lower	Upper
77	100		
105	101.6	80.5	120.5
106	100.5	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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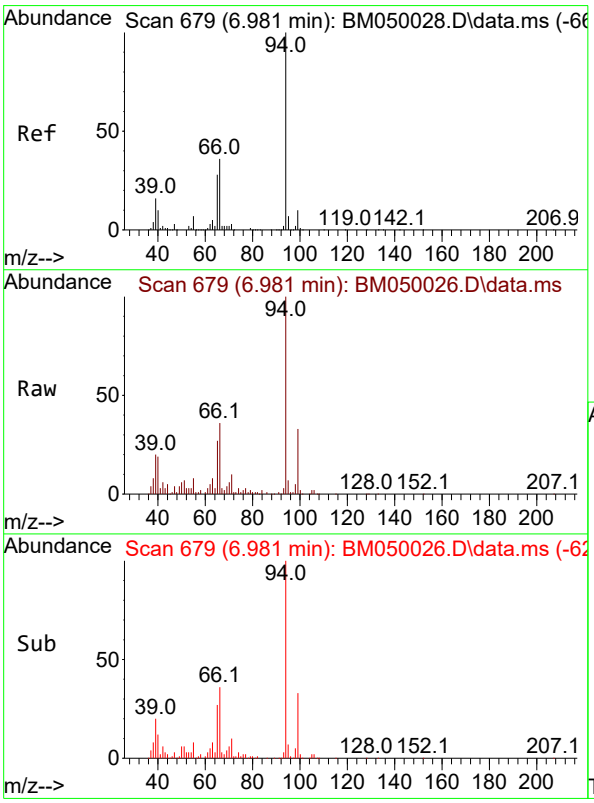
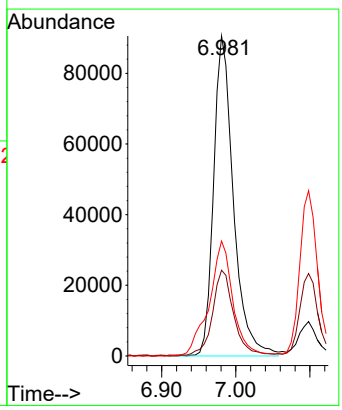
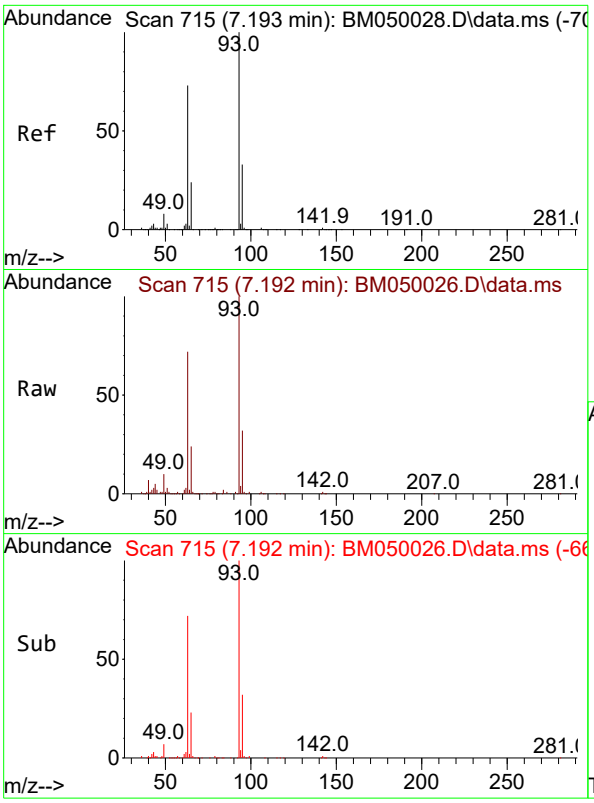


#10
Phenol
Concen: 9.246 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 94 Resp: 168041

Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.6	47.6
66	35.9	15.8	55.8

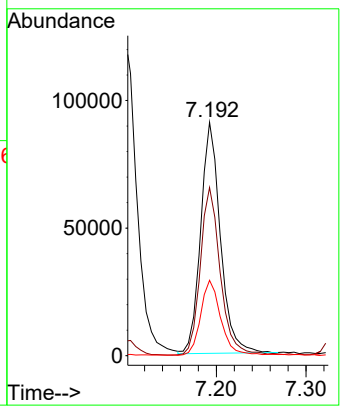




#11
bis(2-Chloroethyl)ether
Concen: 9.107 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 93 Resp: 13819

Ion	Ratio	Lower	Upper
93	100		
63	72.0	52.3	92.3
95	32.3	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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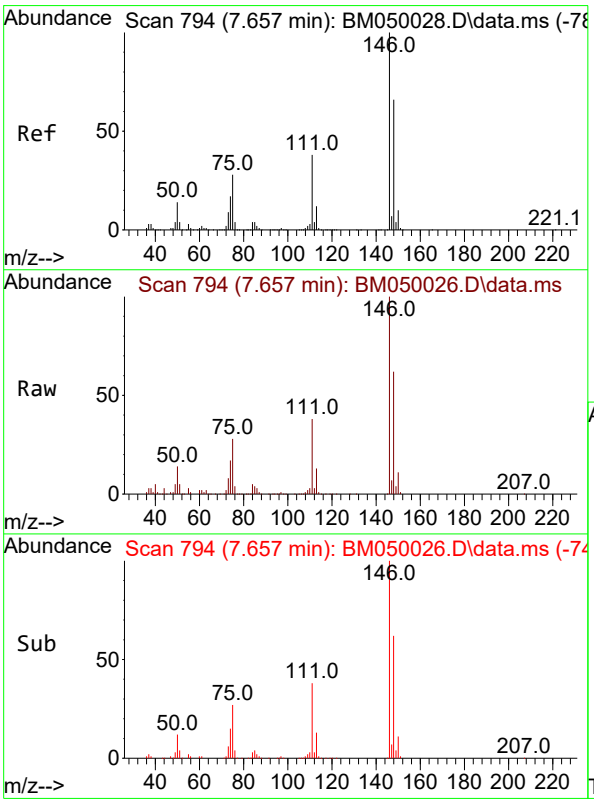
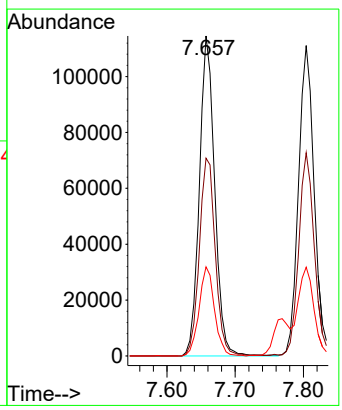
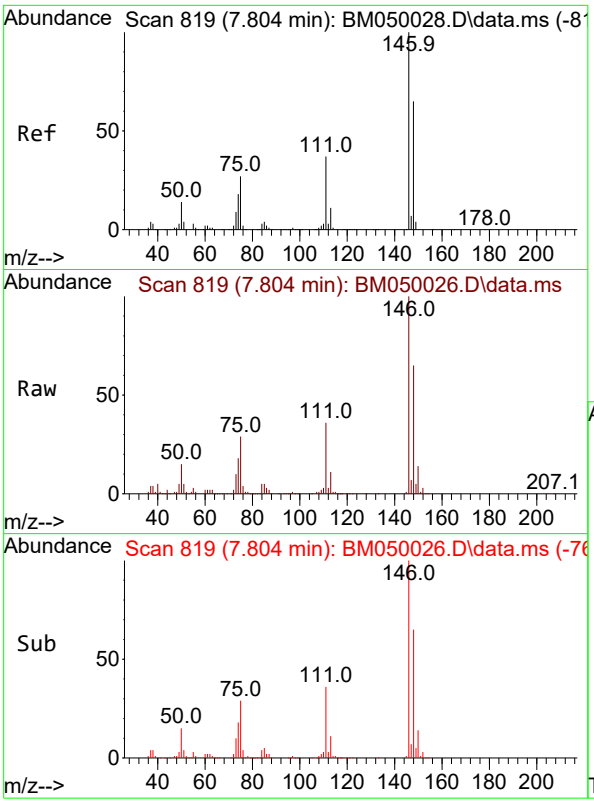


#12
1,3-Dichlorobenzene
Concen: 9.572 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:146 Resp: 178565

Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.5	78.7
75	27.8	22.6	34.0

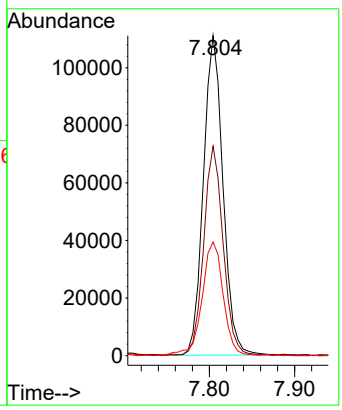




#13
1,4-Dichlorobenzene
Concen: 9.461 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:146 Resp: 17731

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	35.5	29.3	43.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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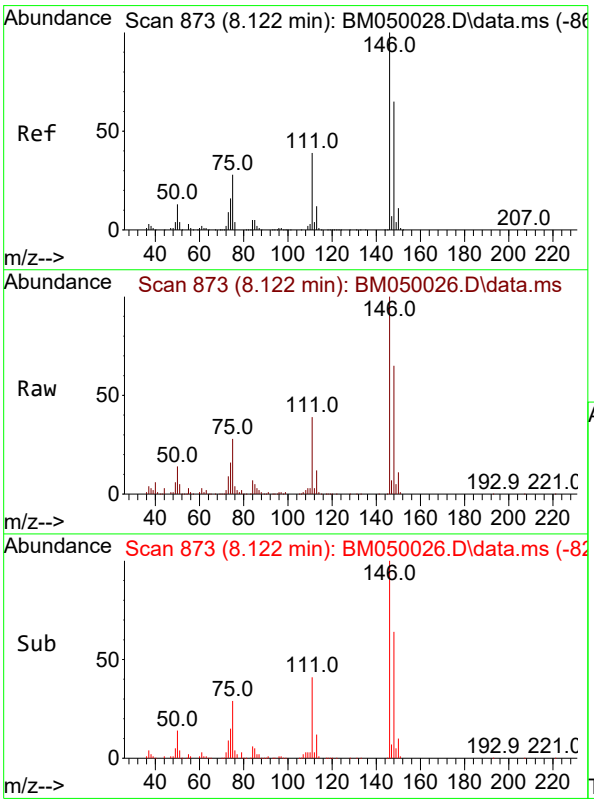
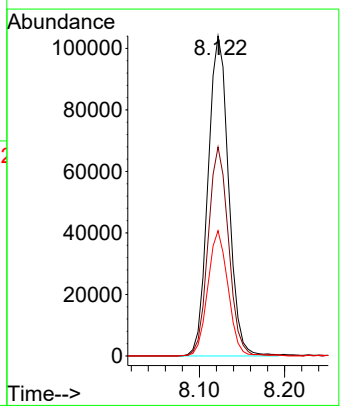
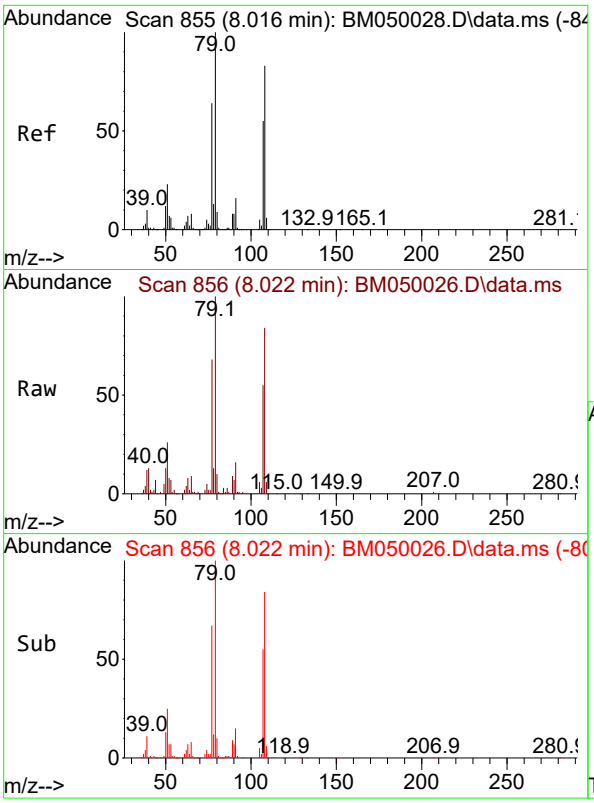


#14
1,2-Dichlorobenzene
Concen: 9.624 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:146 Resp: 174224

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.4	78.6
111	39.2	31.0	46.6

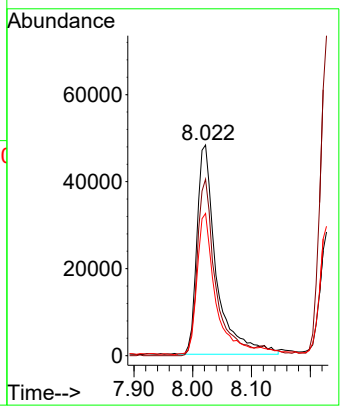




#15
Benzyl Alcohol
Concen: 8.854 ng
RT: 8.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 79 Resp: 11023

Ion	Ratio	Lower	Upper
79	100		
108	83.7	66.0	99.0
77	67.5	51.6	77.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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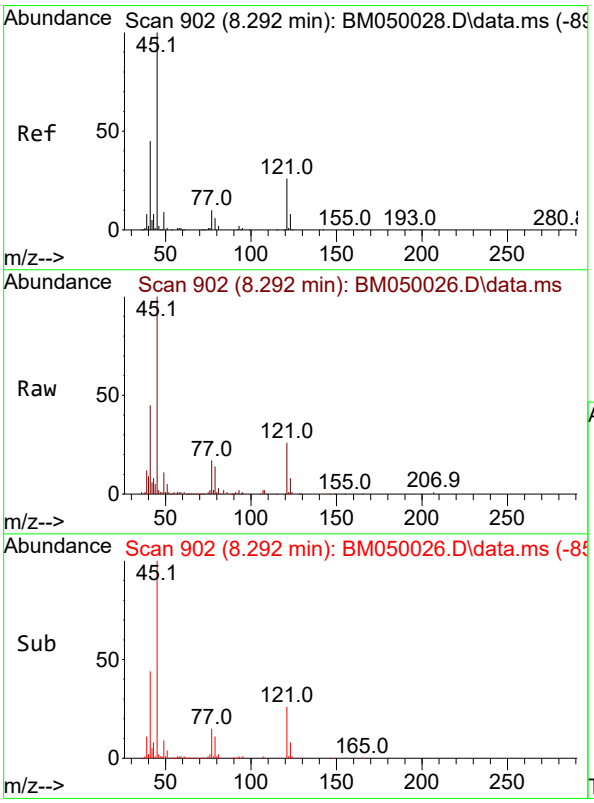
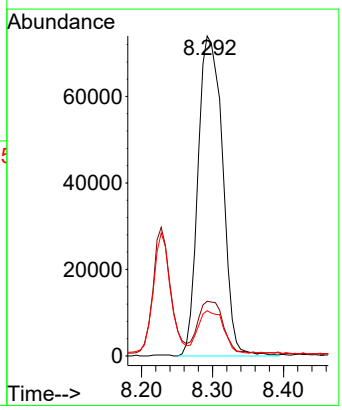
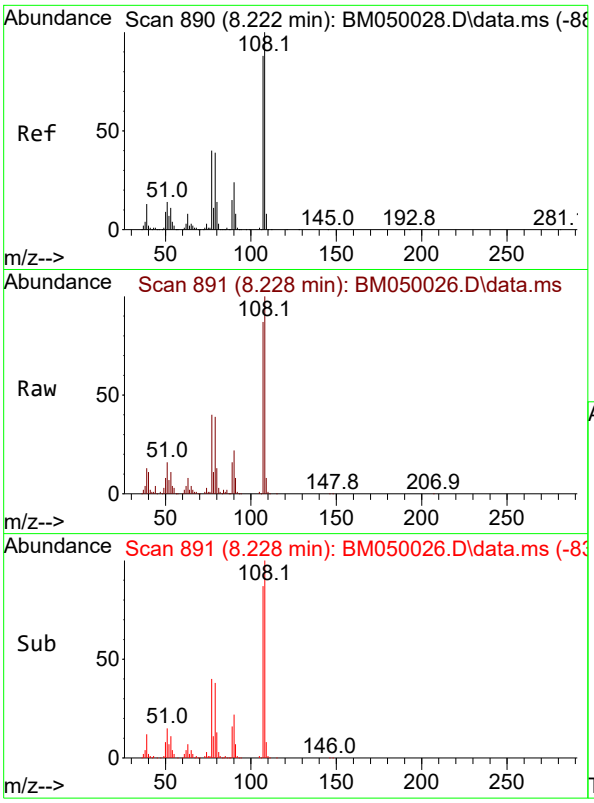


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.637 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 45 Resp: 177776

Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	36.4
79	14.1	0.0	32.7

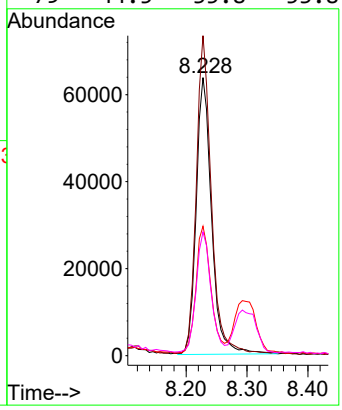




#17
2-Methylphenol
Concen: 9.325 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:107 Resp: 11163

Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.1	136.7
77	46.6	36.2	54.4
79	44.5	35.8	53.8



Instrument :
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ClientSampleId :
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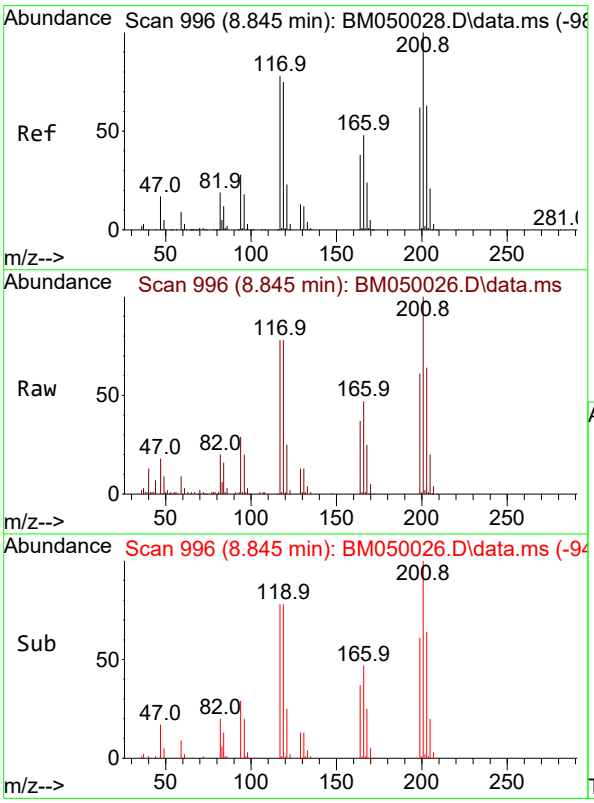
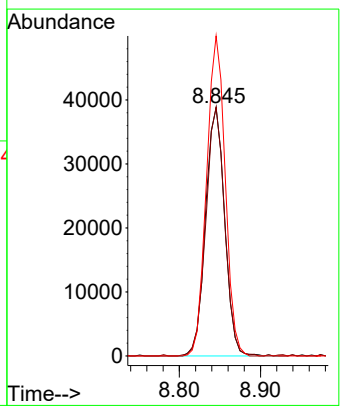
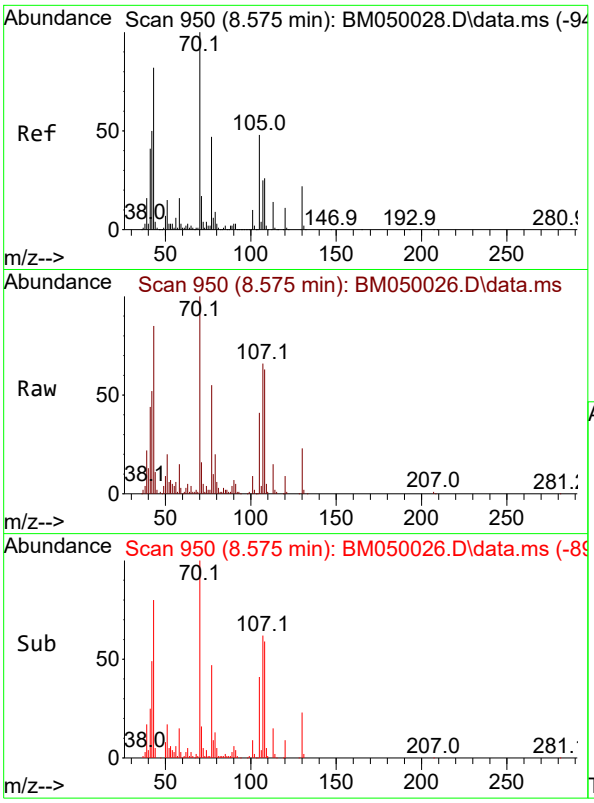


#18
Hexachloroethane
Concen: 9.530 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:117 Resp: 63487

Ion	Ratio	Lower	Upper
117	100		
119	100.3	77.3	115.9
201	129.0	102.8	154.2

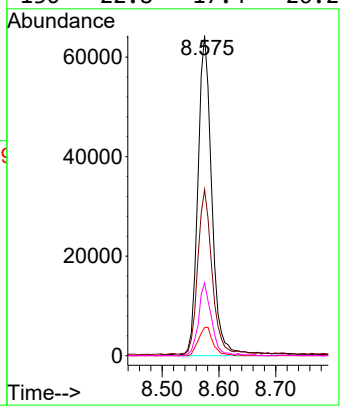




#19
n-Nitroso-di-n-propylamine
Concen: 9.609 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 70 Resp: 11064

Ion	Ratio	Lower	Upper
70	100		
42	51.9	40.5	60.7
101	8.8	7.8	11.6
130	22.8	17.4	26.2



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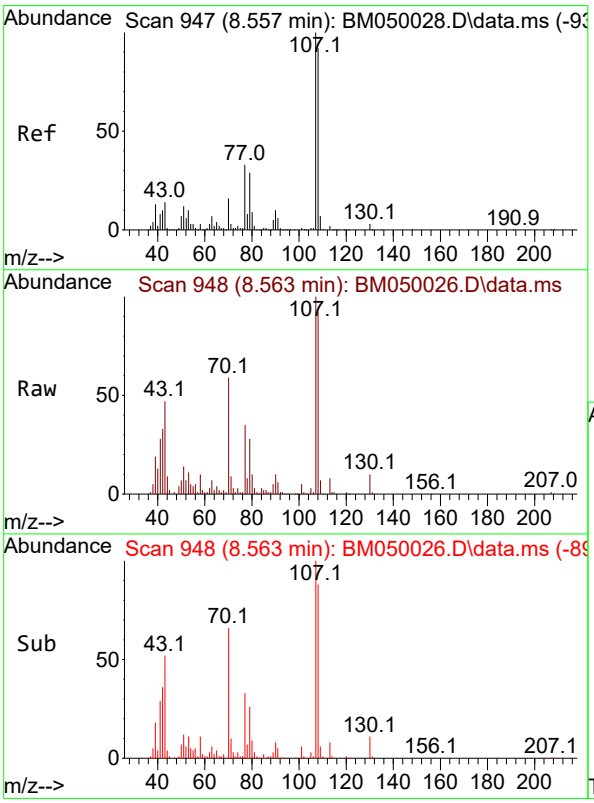
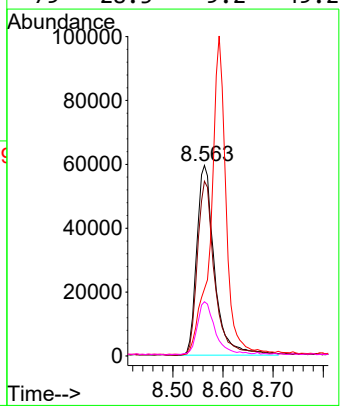
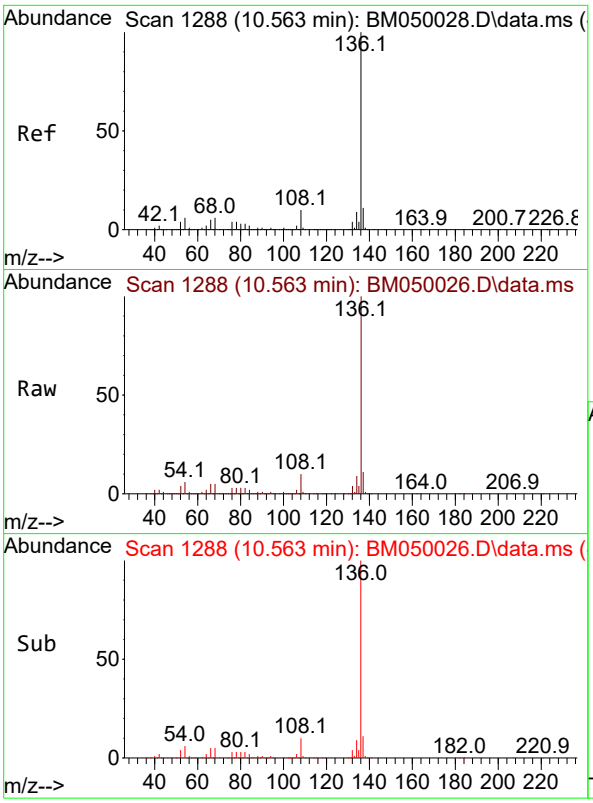


#20
3+4-Methylphenols
Concen: 9.049 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:107 Resp: 146303

Ion	Ratio	Lower	Upper
107	100		
108	91.7	72.4	112.4
77	35.2	13.6	53.6
79	28.5	9.2	49.2

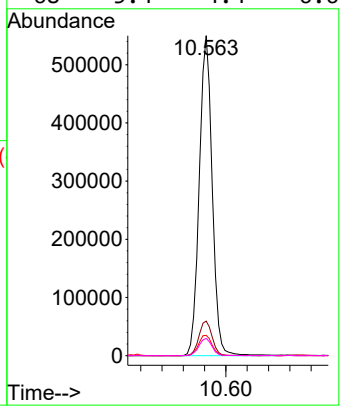




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:136 Resp: 92651

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	5.1	7.7
68	5.4	4.4	6.6



Instrument :
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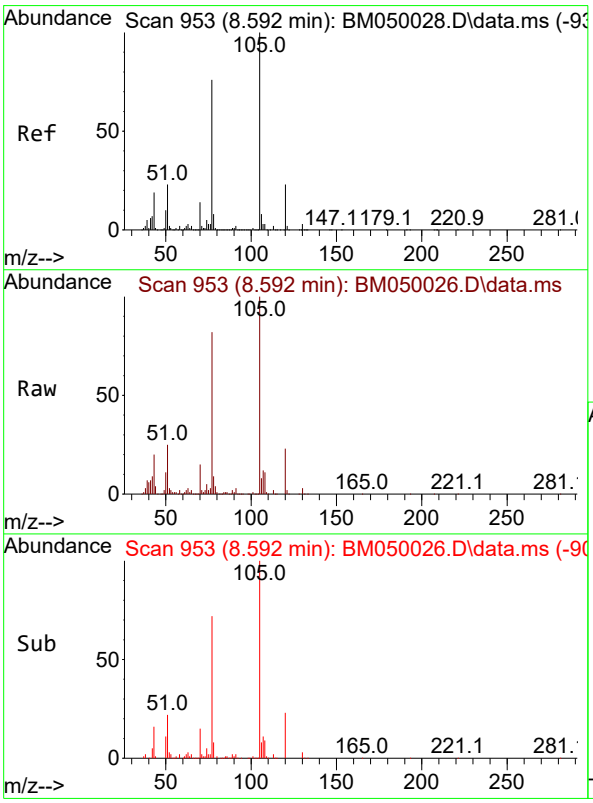
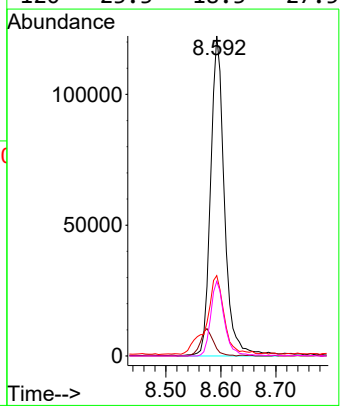
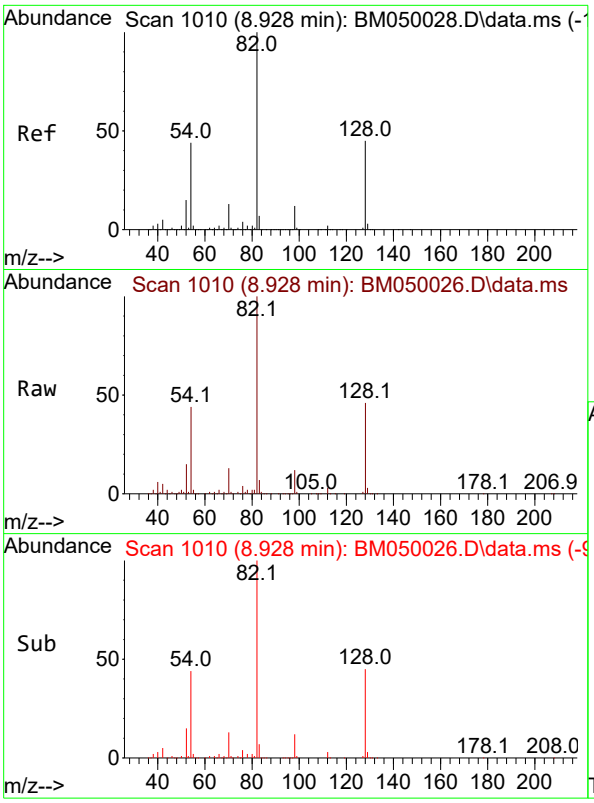


#22
Acetophenone
Concen: 9.325 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:105 Resp: 214790

Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.7	2.5
51	25.1	18.6	27.8
120	23.3	18.3	27.5





#23
Nitrobenzene-d5
Concen: 18.420 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 82 Resp: 34633

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.7	53.5
54	43.9	35.4	53.2

Instrument :
BNA_M
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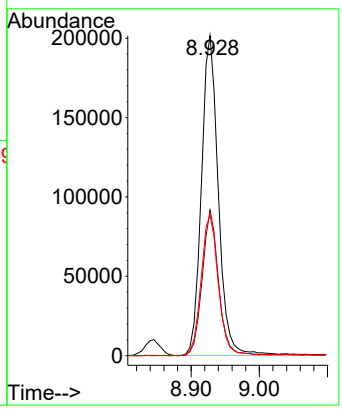
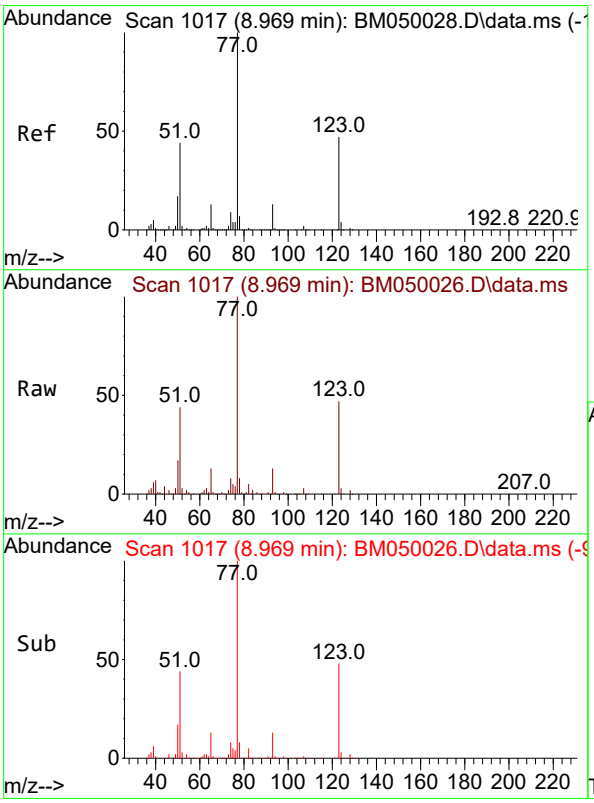
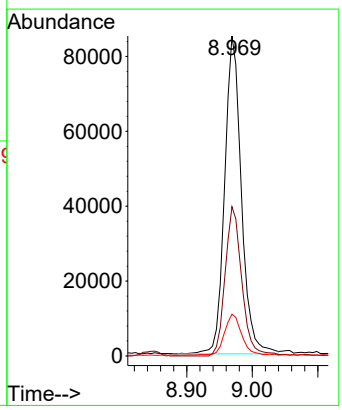


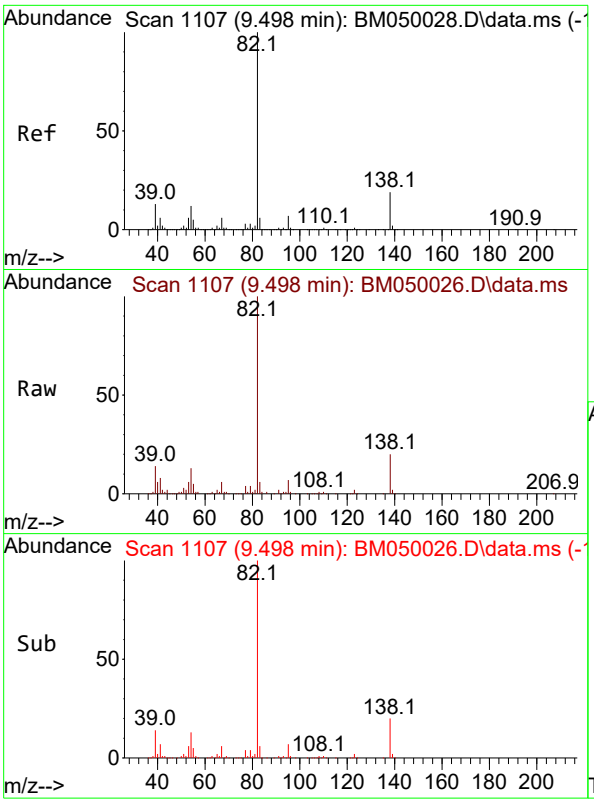


#24
Nitrobenzene
Concen: 9.259 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 77 Resp: 150534

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.9	56.9
65	13.0	10.1	15.1





#25
Isophorone
Concen: 9.366 ng
RT: 9.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 82 Resp: 300179

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	20.1	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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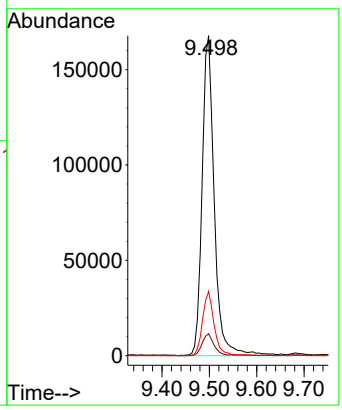
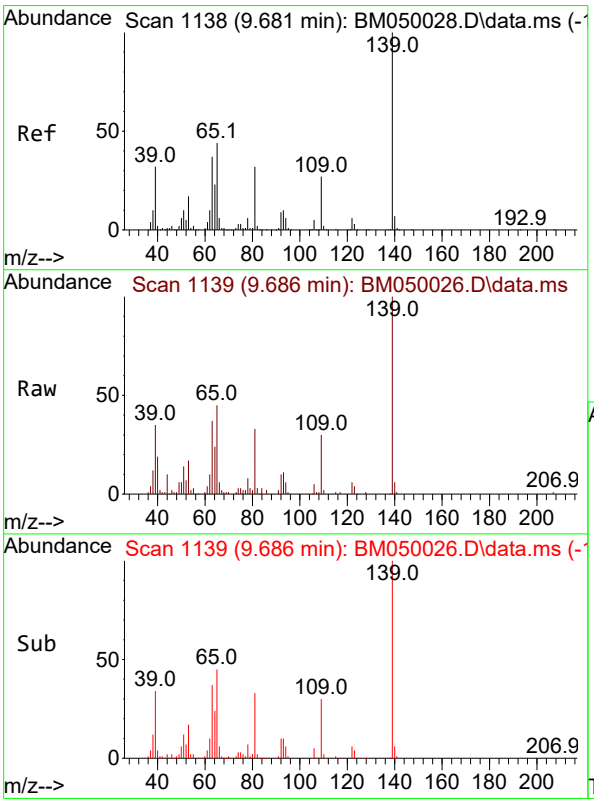
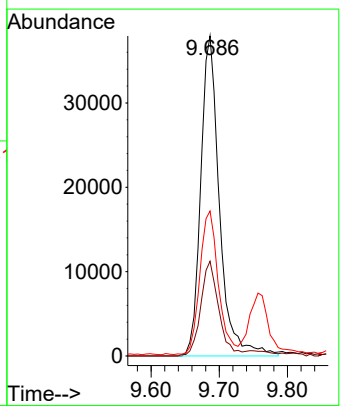


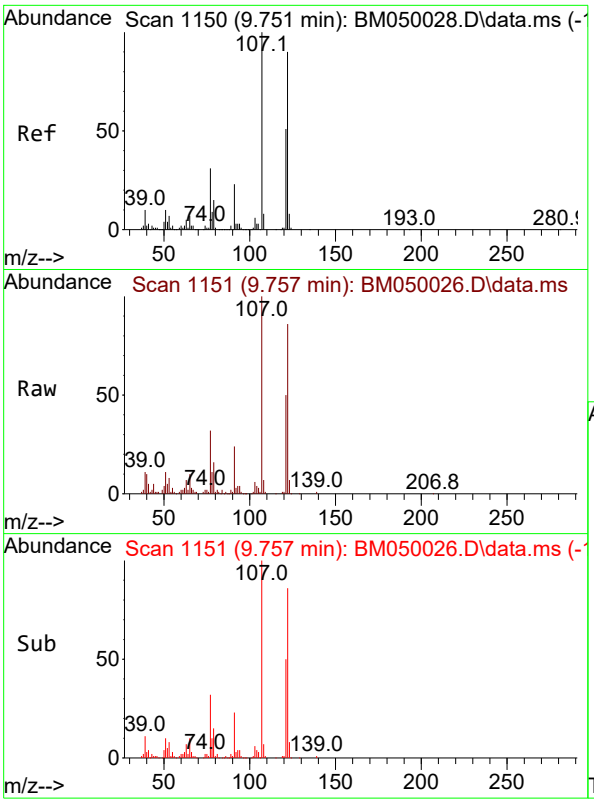


#26
2-Nitrophenol
Concen: 8.732 ng
RT: 9.686 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:139 Resp: 72521

Ion	Ratio	Lower	Upper
139	100		
109	29.6	21.9	32.9
65	45.3	35.4	53.2

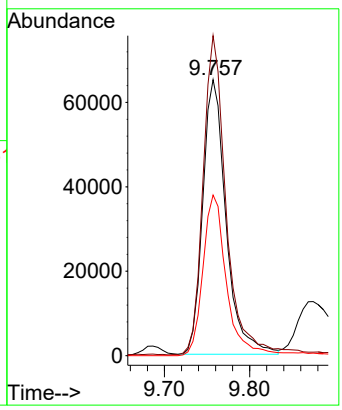




#27
2,4-Dimethylphenol
Concen: 8.960 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:122 Resp: 12340

Ion	Ratio	Lower	Upper
122	100		
107	115.9	89.0	133.6
121	58.2	45.6	68.4



Instrument :
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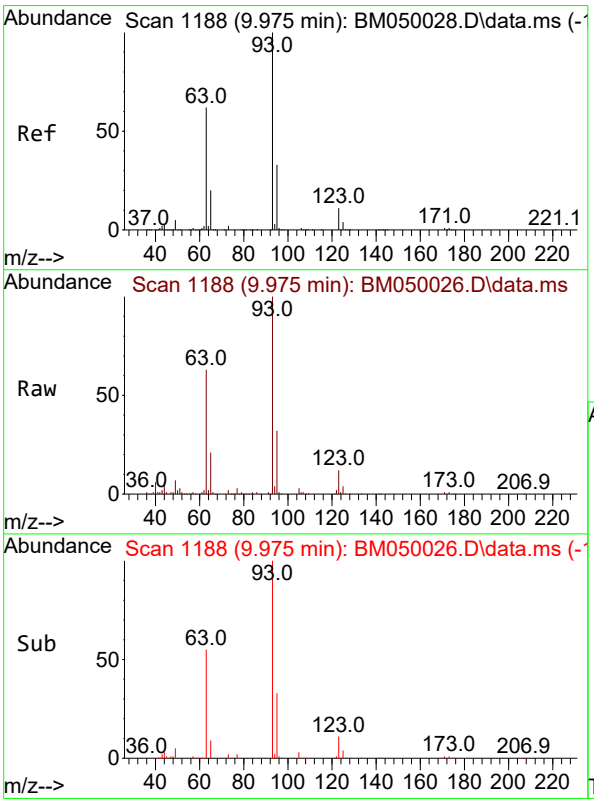
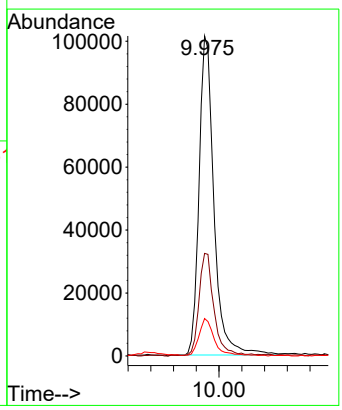
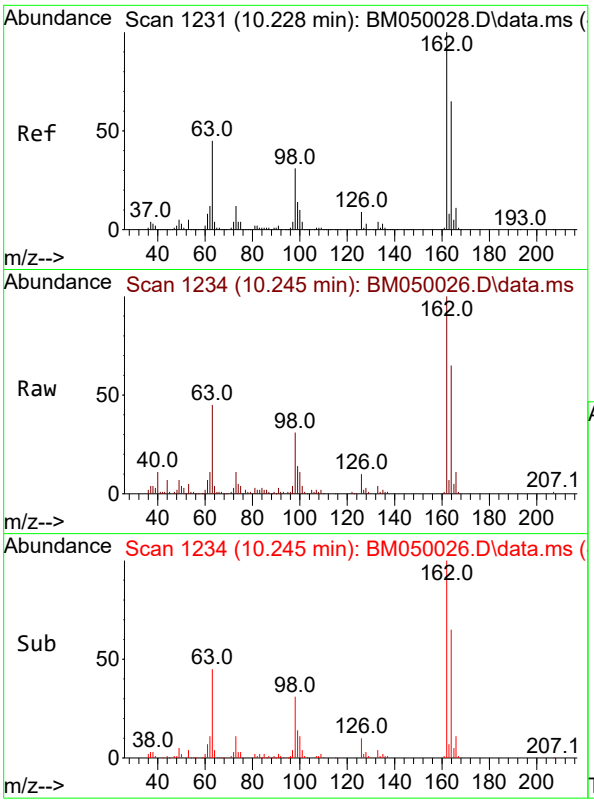


#28
bis(2-Chloroethoxy)methane
Concen: 9.331 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 93 Resp: 184837

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.1	39.1
123	11.7	9.5	14.3

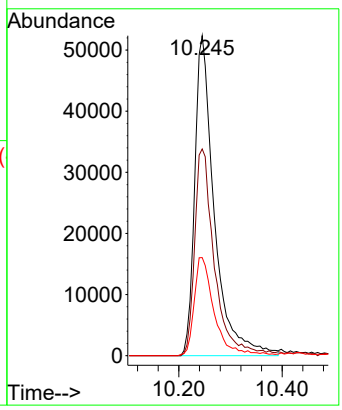




#29
2,4-Dichlorophenol
Concen: 8.938 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:162 Resp: 13791

Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.4	85.4
98	30.7	11.3	51.3



Instrument :
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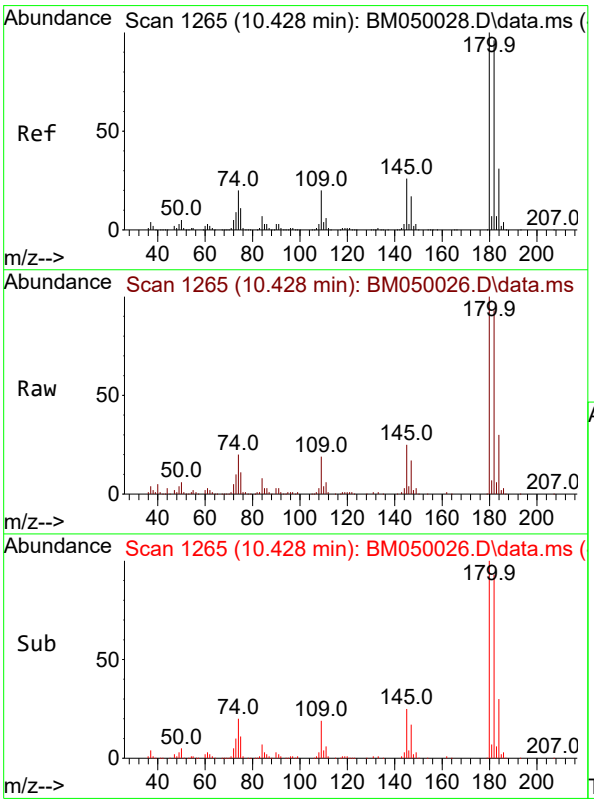
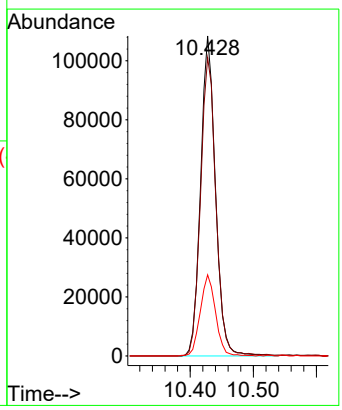
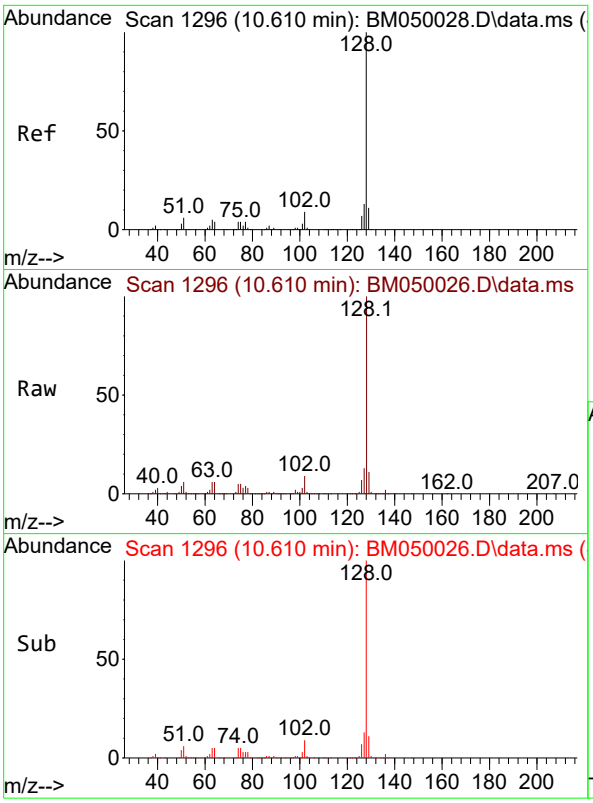


#30
1,2,4-Trichlorobenzene
Concen: 9.453 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:180 Resp: 177721

Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.0	115.4
145	25.3	20.6	30.8

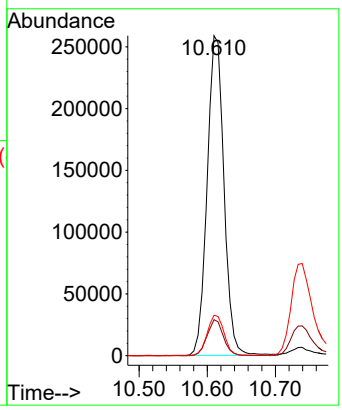




#31
Naphthalene
Concen: 9.467 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:128 Resp: 44420

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.7	10.4	15.6



Instrument :
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ClientSampleId :
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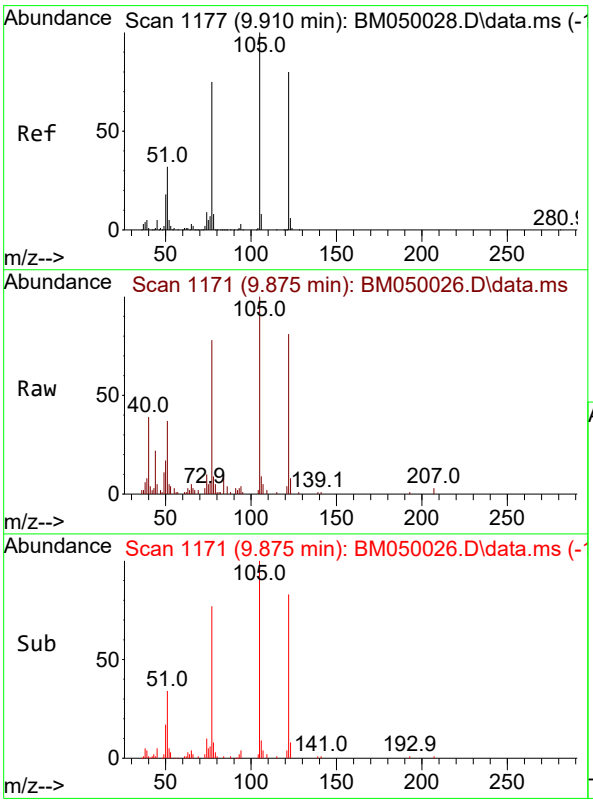
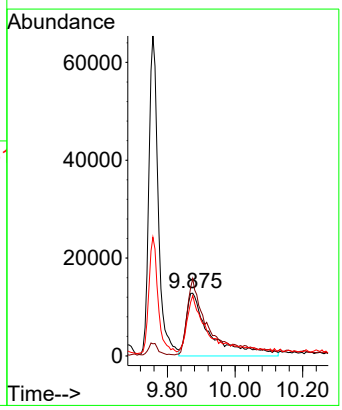
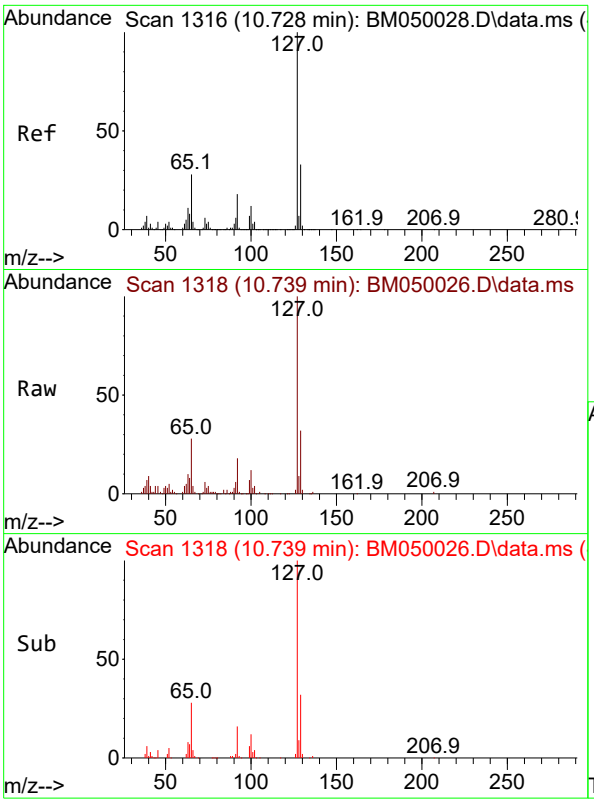


#32
Benzoic acid
Concen: 7.282 ng m
RT: 9.875 min Scan# 1171
Delta R.T. -0.035 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:122 Resp: 63971

Ion	Ratio	Lower	Upper
122	100		
105	123.3	103.6	143.6
77	96.2	73.7	113.7

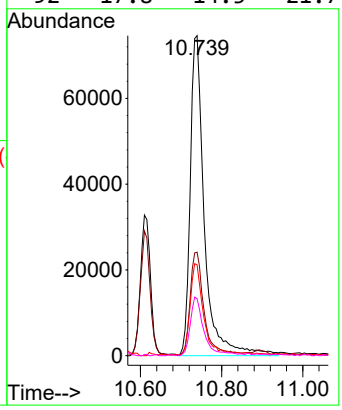




#33
4-Chloroaniline
Concen: 9.458 ng
RT: 10.739 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:127 Resp: 18190

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	28.4	22.5	33.7
92	17.8	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
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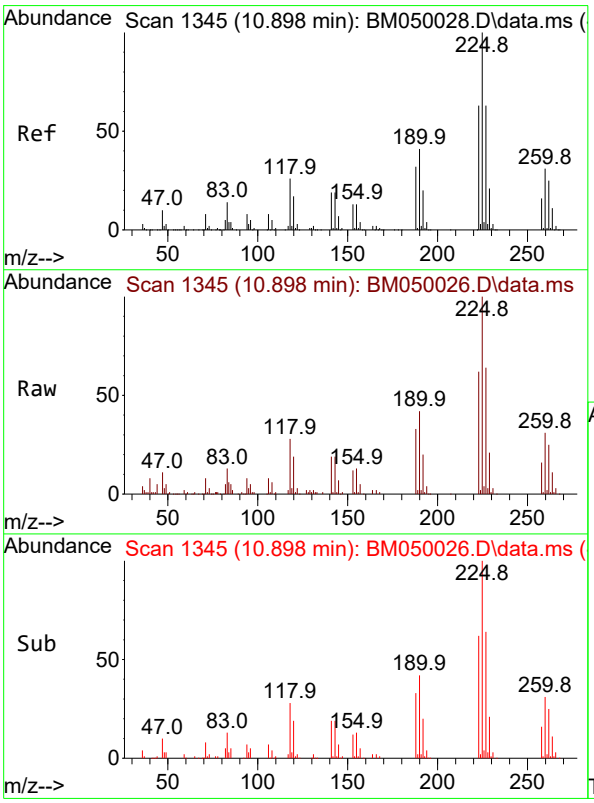
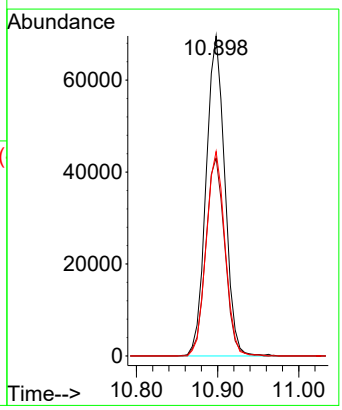
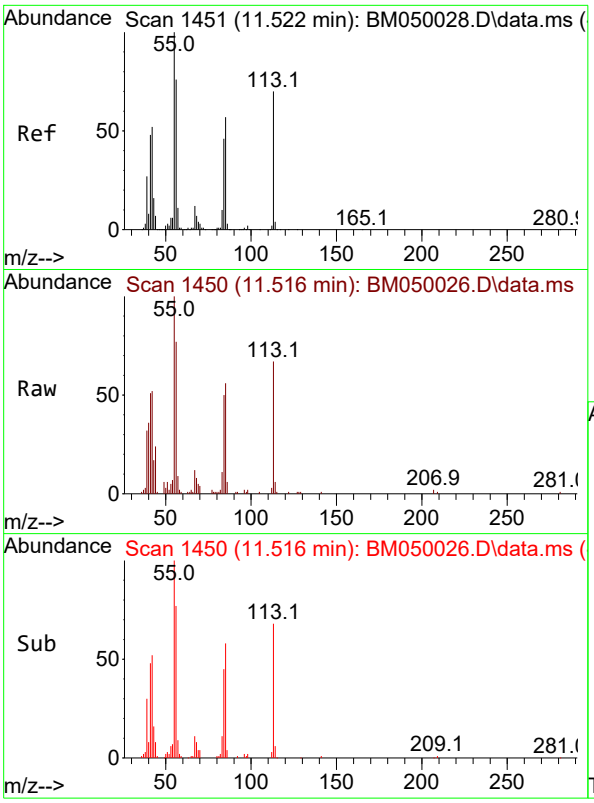


#34
Hexachlorobutadiene
Concen: 9.327 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:225 Resp: 111307

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.2	75.2
227	63.9	50.6	76.0





#35
Caprolactam
Concen: 8.745 ng
RT: 11.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:113 Resp: 3934

Ion	Ratio	Lower	Upper
113	100		
55	150.2	122.9	162.9
56	115.3	88.1	128.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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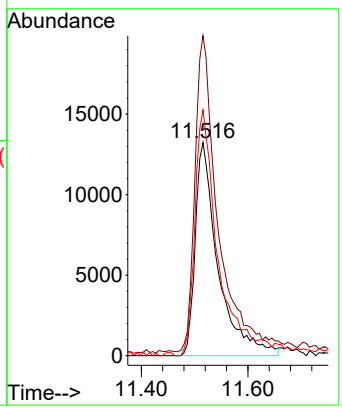
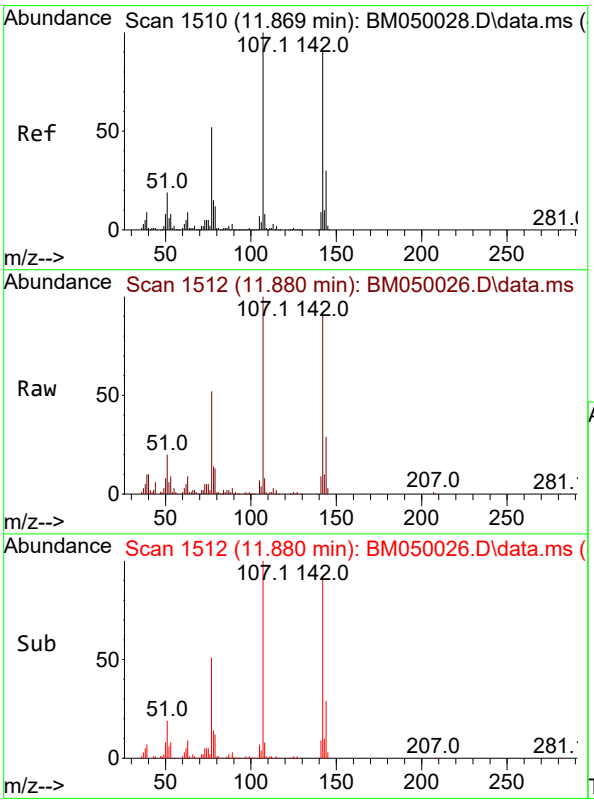
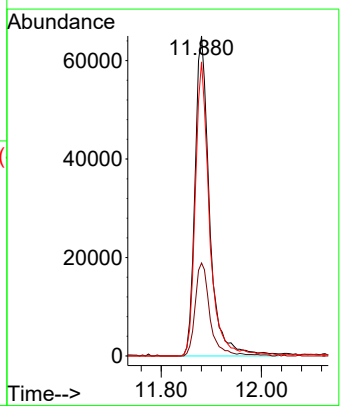


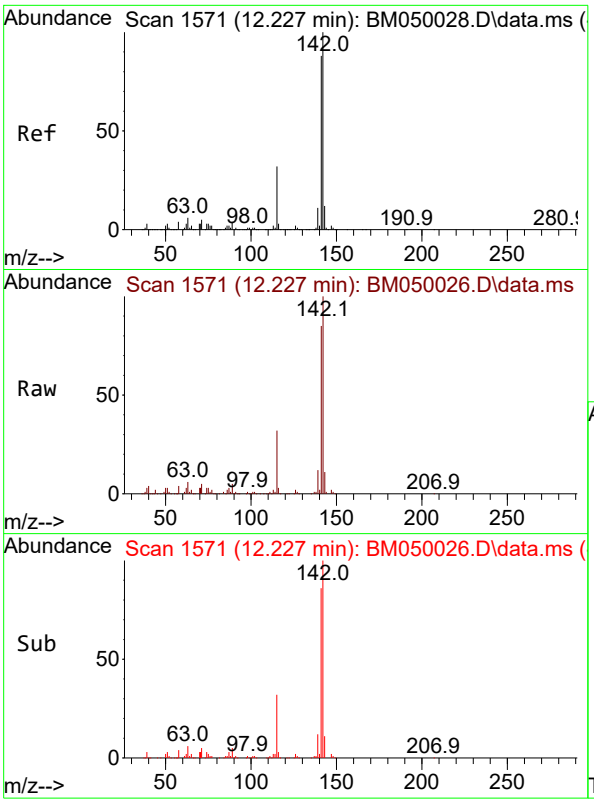


#36
4-Chloro-3-methylphenol
Concen: 9.194 ng
RT: 11.880 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:107 Resp: 131076

Ion	Ratio	Lower	Upper
107	100		
144	29.1	23.8	35.6
142	91.9	71.9	107.9

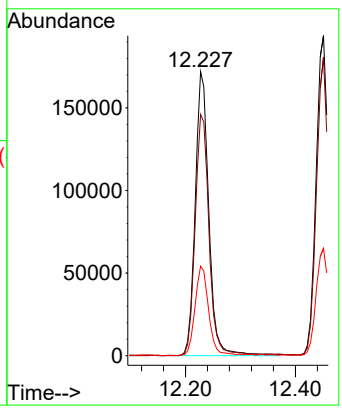




#37
2-Methylnaphthalene
Concen: 9.411 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:142 Resp: 29605

Ion	Ratio	Lower	Upper
142	100		
141	85.0	70.4	105.6
115	31.5	25.4	38.2



Instrument :
BNA_M
ClientSampleId :
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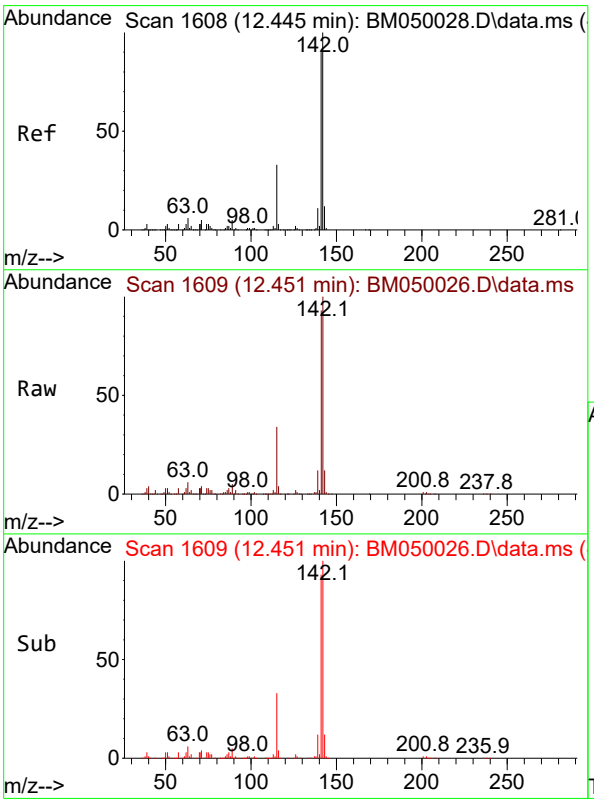
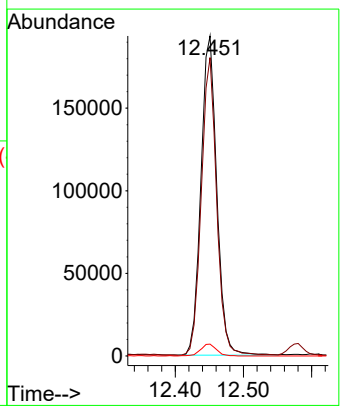
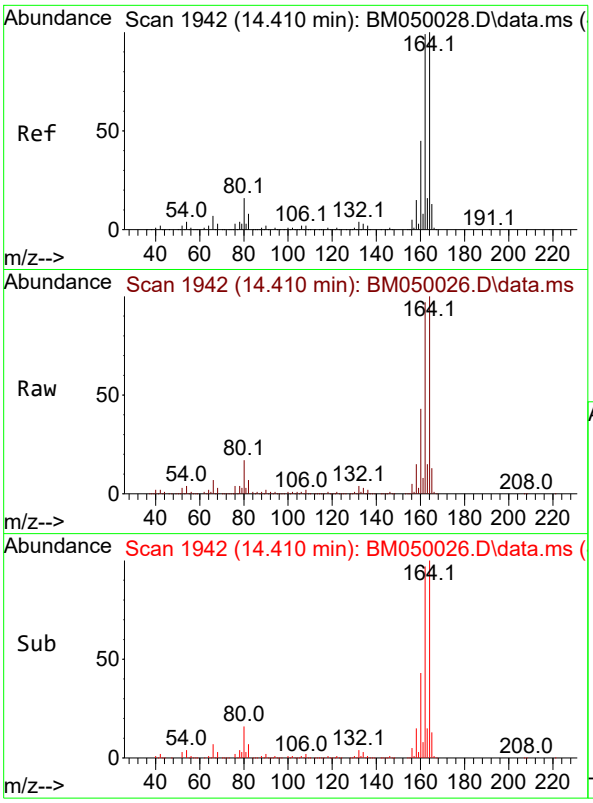


#38
1-Methylnaphthalene
Concen: 9.387 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:142 Resp: 312512

Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.1	108.1
116	3.7	2.7	4.1

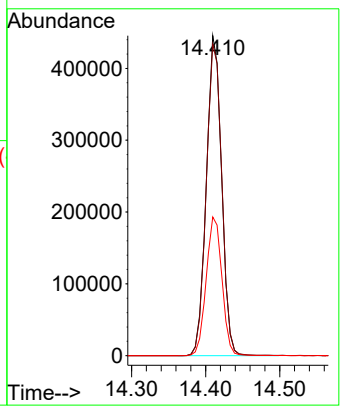




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:164 Resp: 63665

Ion	Ratio	Lower	Upper
164	100		
162	97.3	79.4	119.0
160	43.3	36.2	54.4



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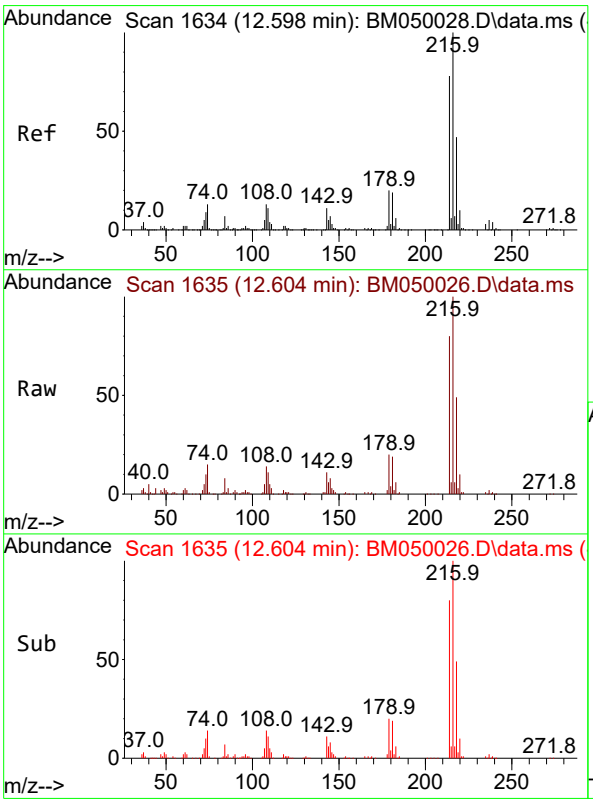
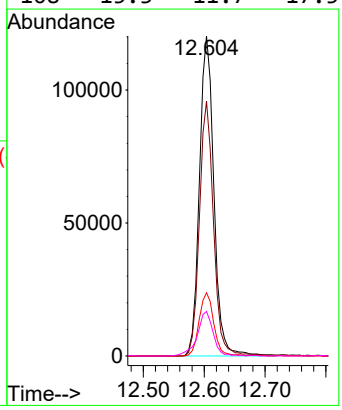
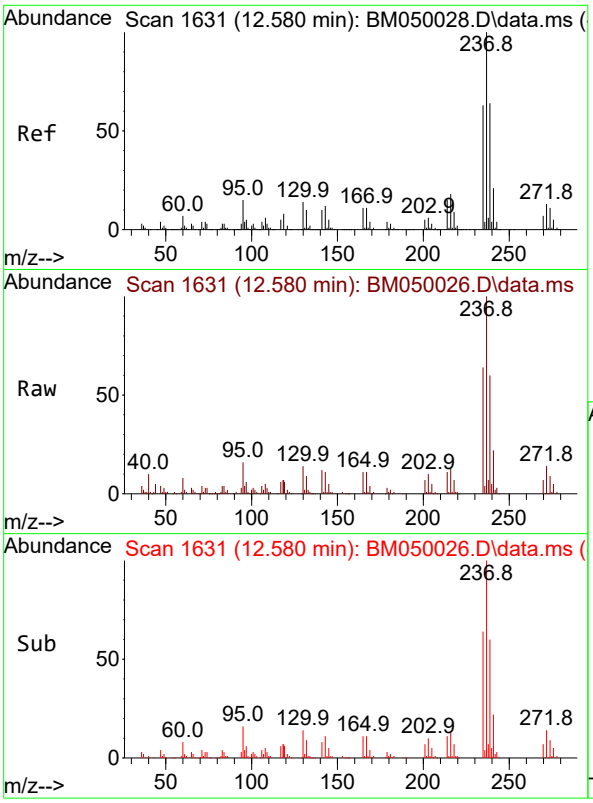


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.981 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:216 Resp: 197943

Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.3	93.5
179	20.0	15.4	23.0
108	15.3	11.7	17.5





#41
Hexachlorocyclopentadiene
Concen: 7.166 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:237 Resp: 9652

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.9	82.9
272	14.5	0.0	32.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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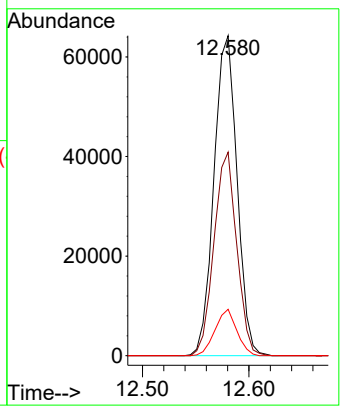
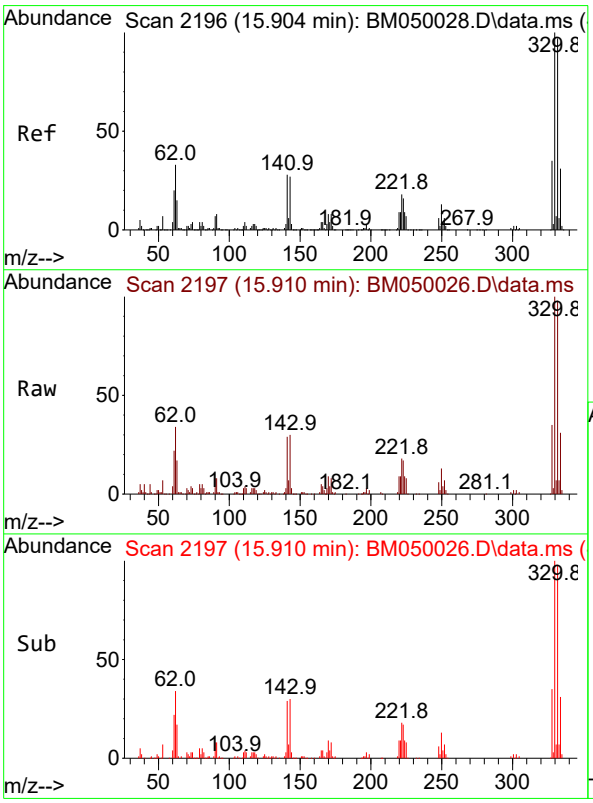
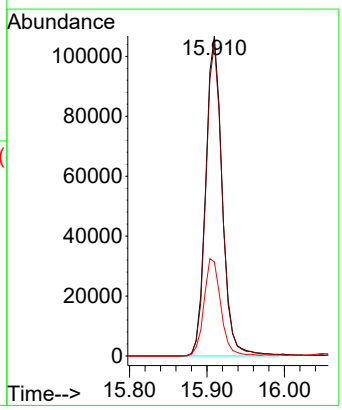


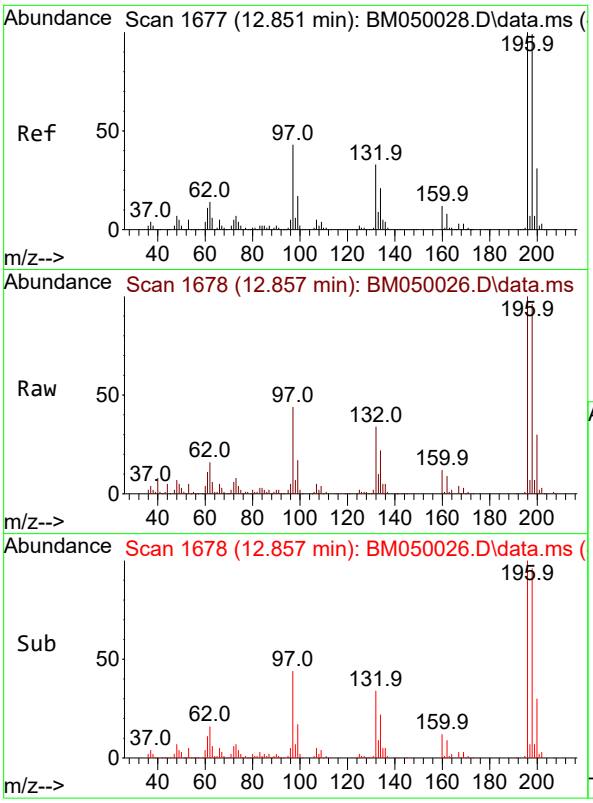


#42
2,4,6-Tribromophenol
Concen: 16.820 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:330 Resp: 158339

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	31.1	22.5	33.7

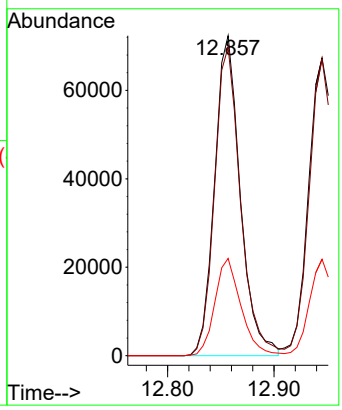




#43
2,4,6-Trichlorophenol
Concen: 8.673 ng
RT: 12.857 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:196 Resp: 12124

Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.0	118.6
200	30.4	25.1	37.7



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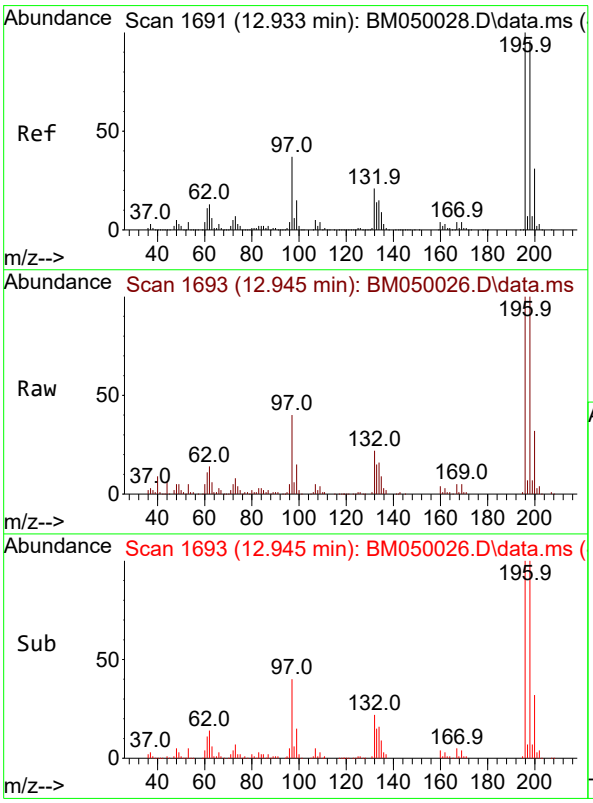
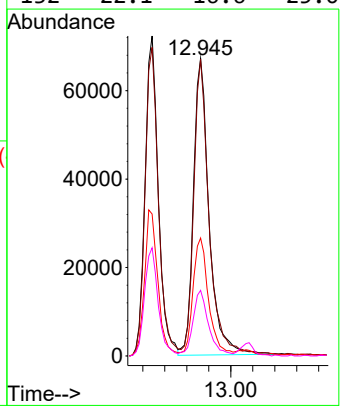
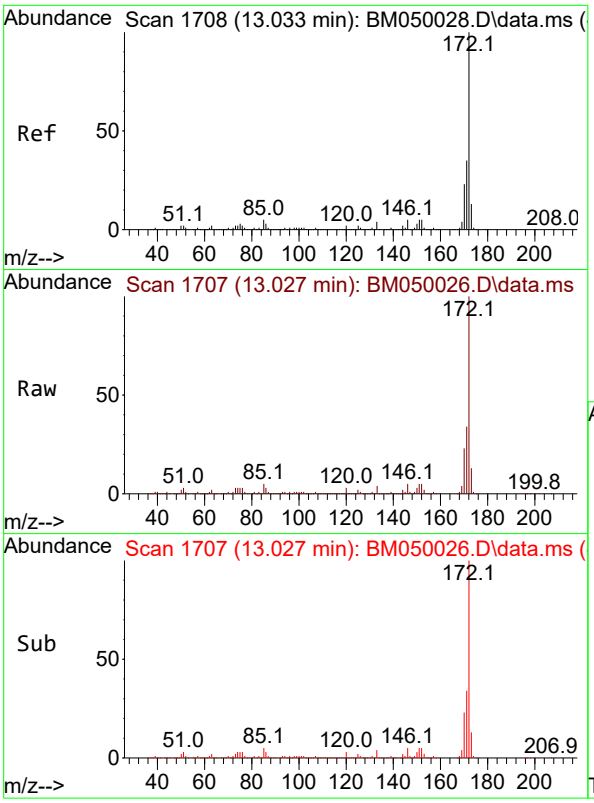


#44
2,4,5-Trichlorophenol
Concen: 8.815 ng
RT: 12.945 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:196 Resp: 132882

Ion	Ratio	Lower	Upper
196	100		
198	99.7	76.7	115.1
97	39.6	30.1	45.1
132	22.1	16.6	25.0

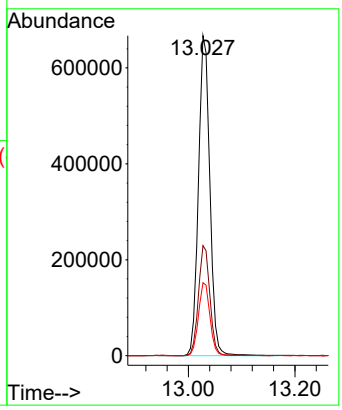




#45
2-Fluorobiphenyl
Concen: 18.394 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:172 Resp: 98991

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	22.8	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
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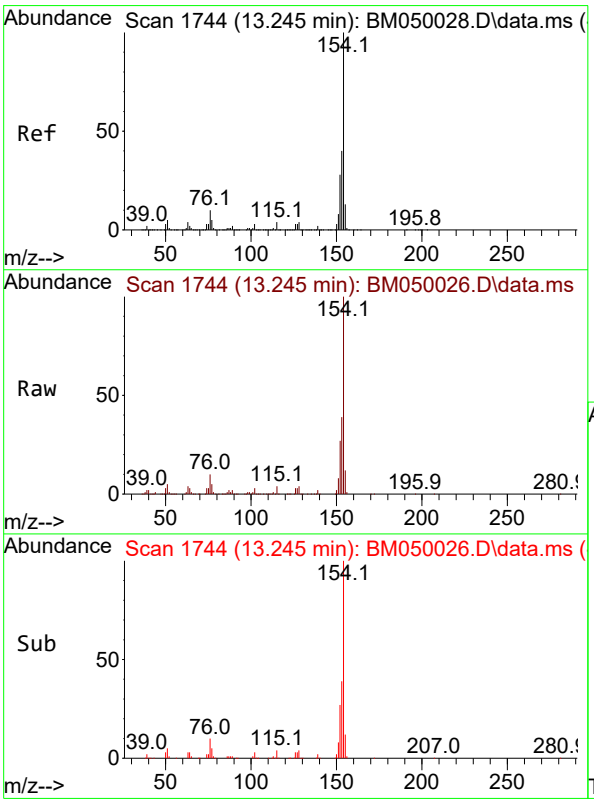
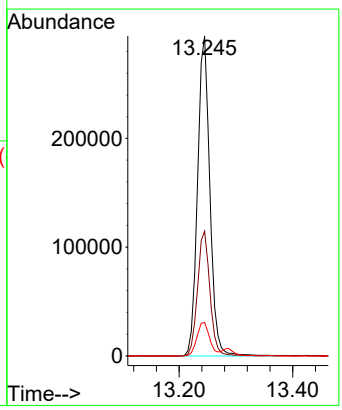
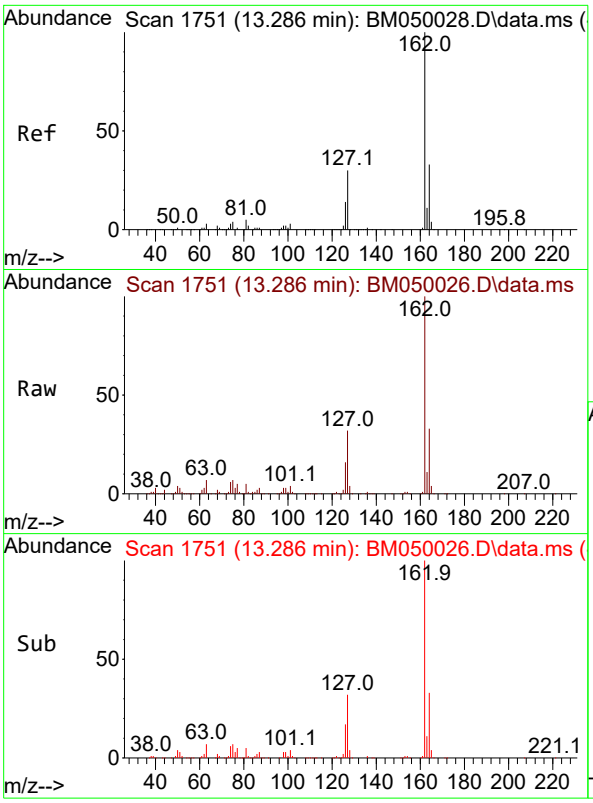


#46
1,1'-Biphenyl
Concen: 9.381 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:154 Resp: 443960

Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.0	60.0
76	10.4	0.0	30.3

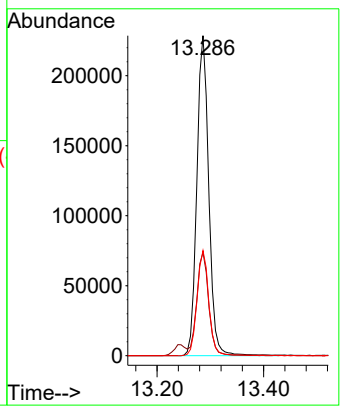




#47
2-Chloronaphthalene
Concen: 9.447 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:162 Resp: 35410

Ion	Ratio	Lower	Upper
162	100		
127	32.3	25.9	38.9
164	32.8	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
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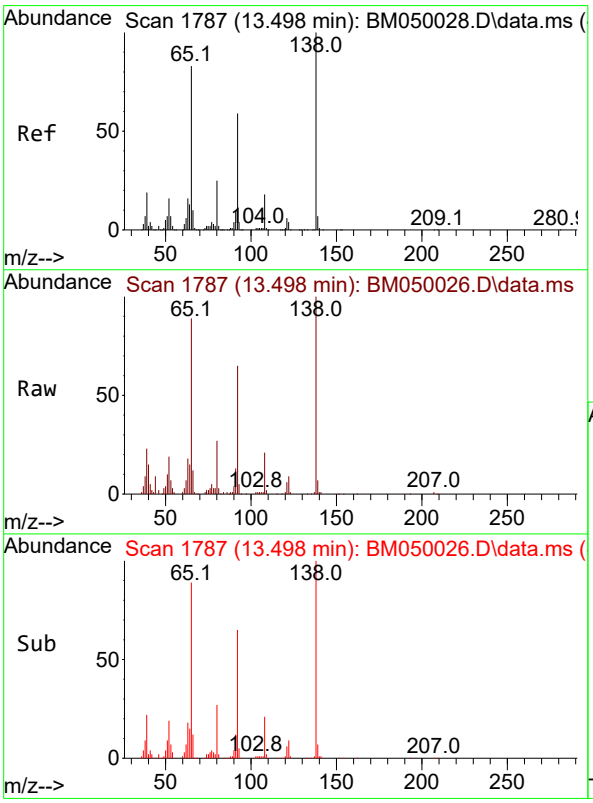
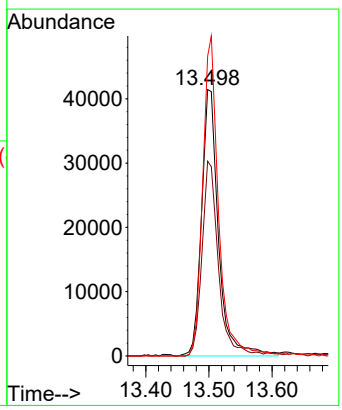
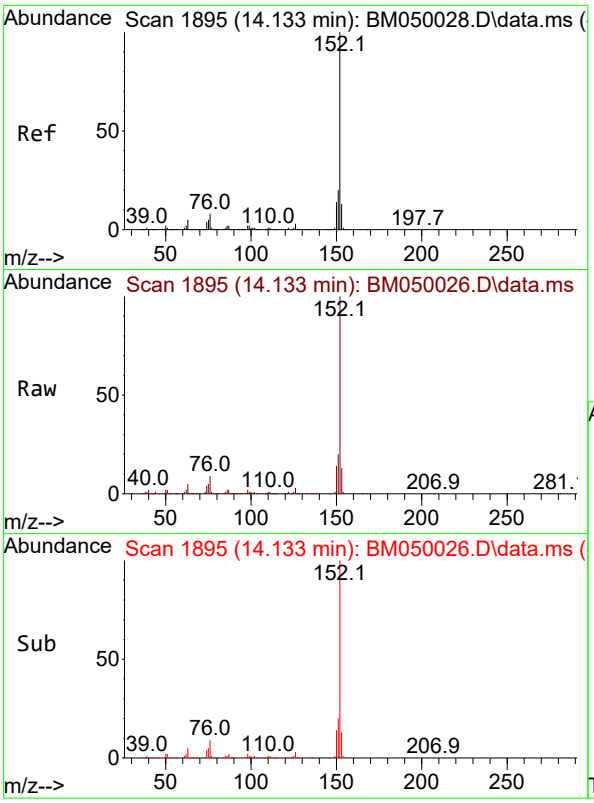


#48
2-Nitroaniline
Concen: 8.764 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 65 Resp: 77101

Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.1	85.7
138	112.5	97.0	145.4

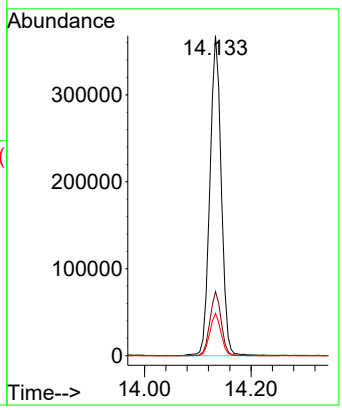




#49
Acenaphthylene
Concen: 9.235 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:152 Resp: 54577

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.2	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
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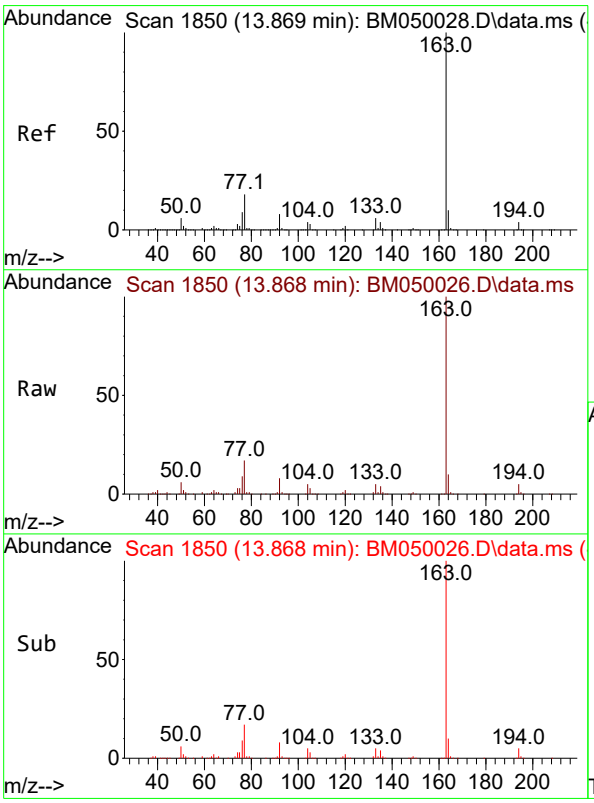
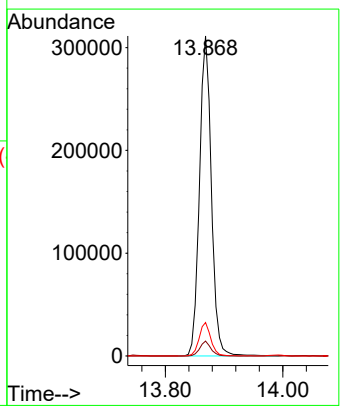
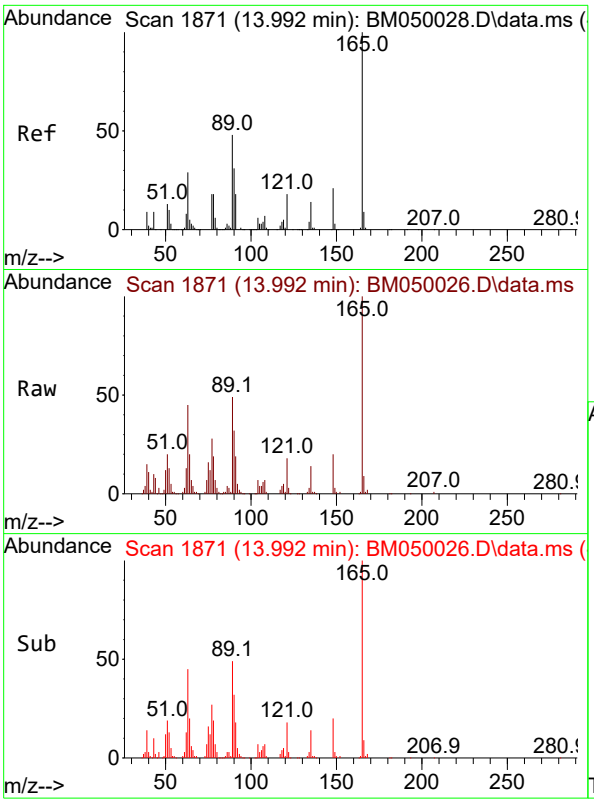


#50
Dimethylphthalate
Concen: 9.419 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:163 Resp: 438261

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.5	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 8.953 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:165 Resp: 8624

Ion	Ratio	Lower	Upper
165	100		
63	45.5	35.1	52.7
89	48.7	38.4	57.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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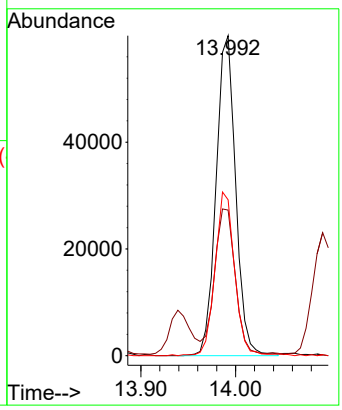
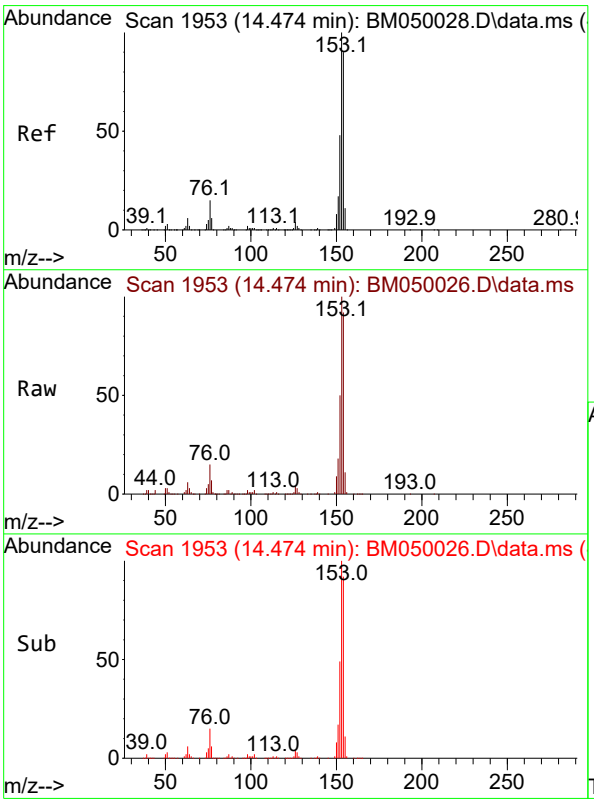
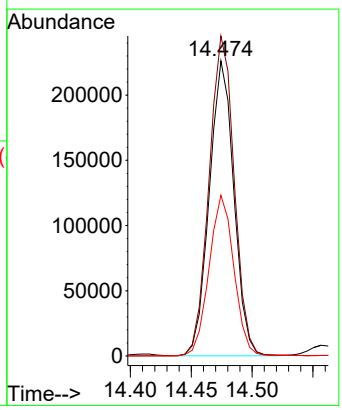


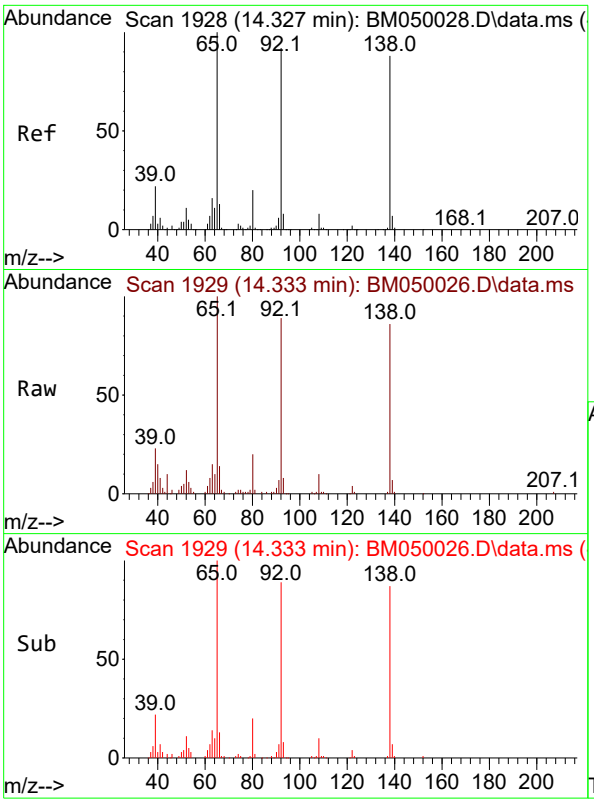


#52
Acenaphthene
Concen: 9.288 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:154 Resp: 317735

Ion	Ratio	Lower	Upper
154	100		
153	108.5	89.0	133.4
152	54.5	43.0	64.6

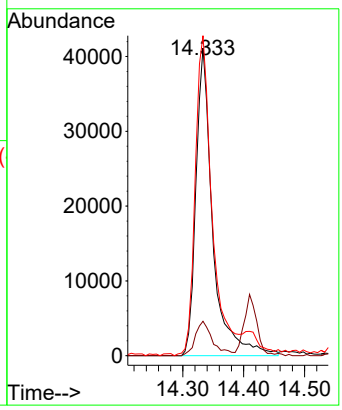




#53
3-Nitroaniline
Concen: 8.559 ng
RT: 14.333 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:138 Resp: 7872

Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.4	11.2
92	104.0	84.0	126.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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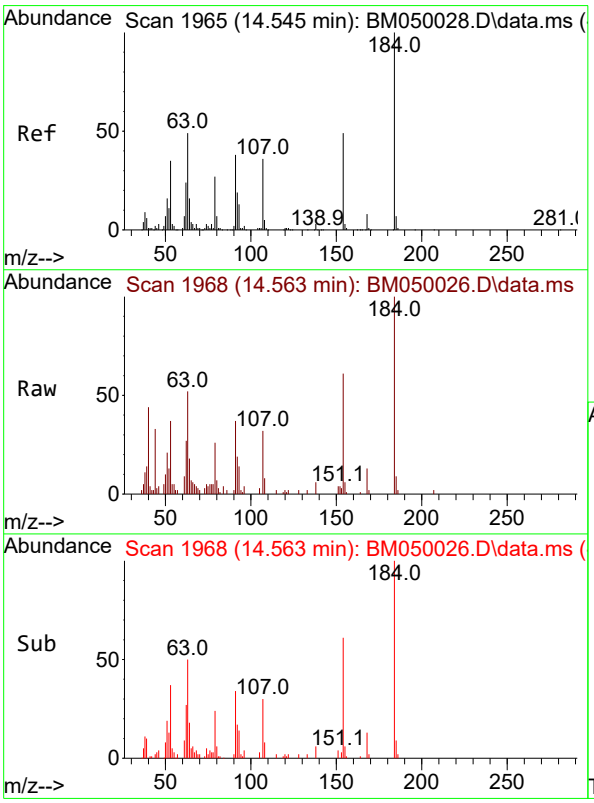
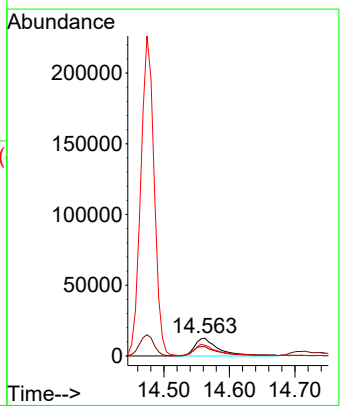
Supervised By :Jagrut Upadhyay 04/29/2025

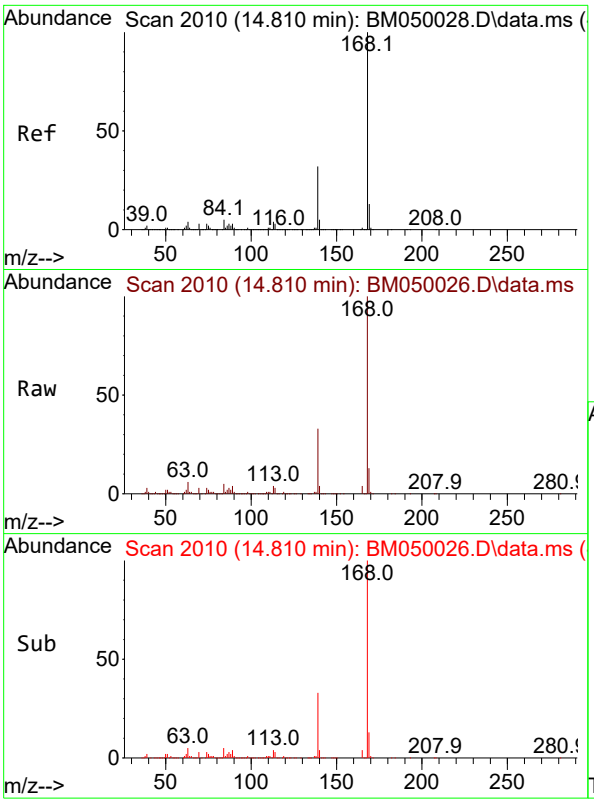


#54
2,4-Dinitrophenol
Concen: 10.558 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.018 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:184 Resp: 31979

Ion	Ratio	Lower	Upper
184	100		
63	52.1	39.8	59.6
154	60.9	46.1	69.1

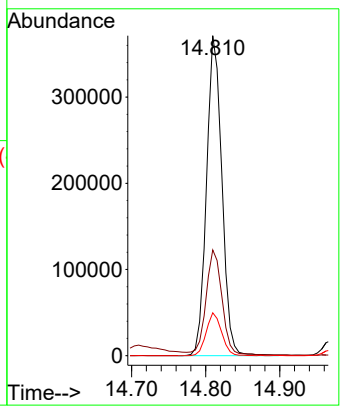




#55
Dibenzofuran
Concen: 9.401 ng
RT: 14.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:168 Resp: 53502

Ion	Ratio	Lower	Upper
168	100		
139	33.0	26.1	39.1
169	13.4	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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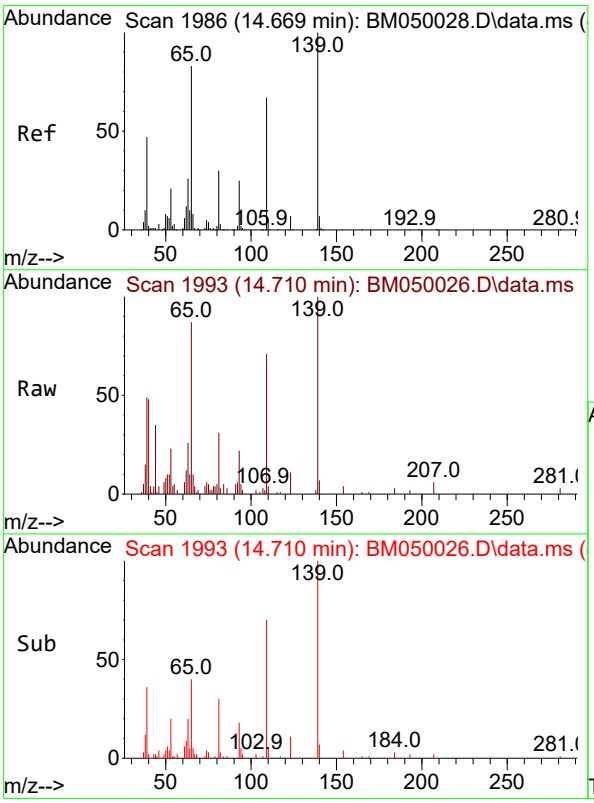
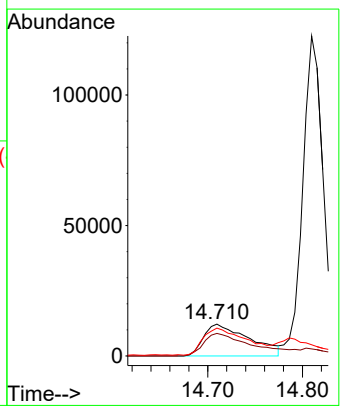
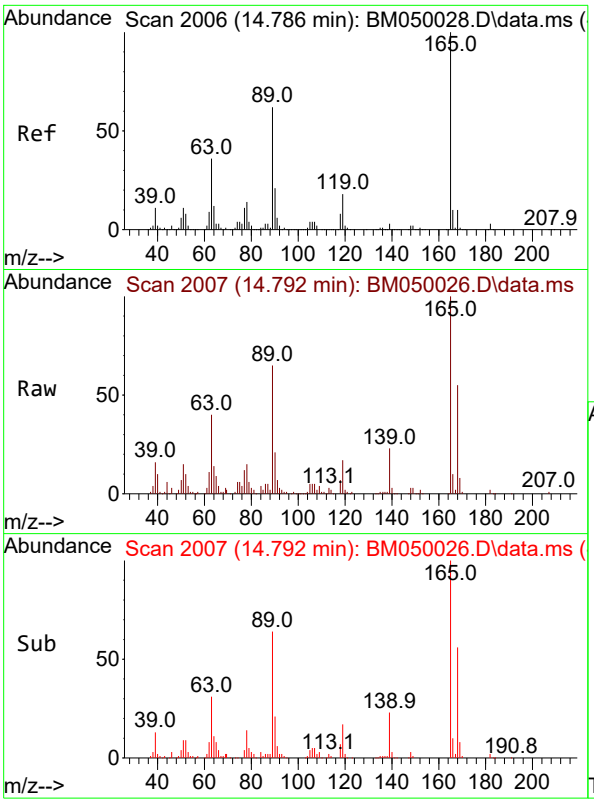


#56
4-Nitrophenol
Concen: 9.668 ng
RT: 14.710 min Scan# 1993
Delta R.T. 0.041 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:139 Resp: 40722

Ion	Ratio	Lower	Upper
139	100		
109	70.7	47.0	87.0
65	87.5	64.3	104.3

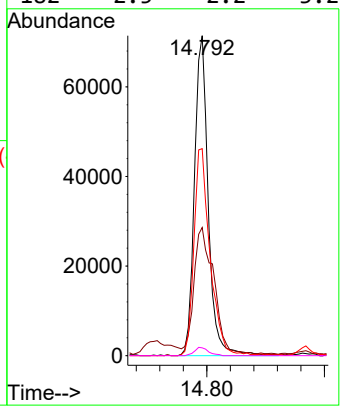




#57
2,4-Dinitrotoluene
Concen: 8.750 ng
RT: 14.792 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:165 Resp: 11647

Ion	Ratio	Lower	Upper
165	100		
63	40.1	29.0	43.6
89	64.7	49.4	74.2
182	2.5	2.2	3.2



Instrument :
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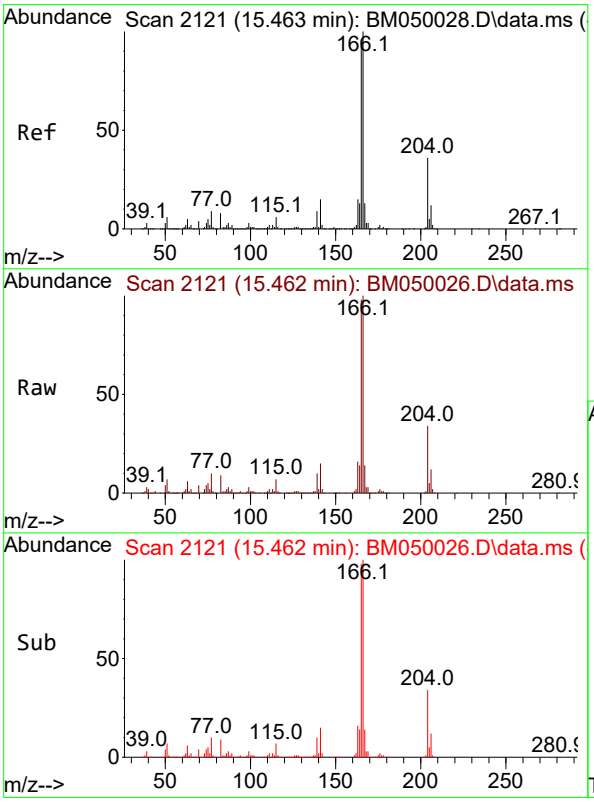
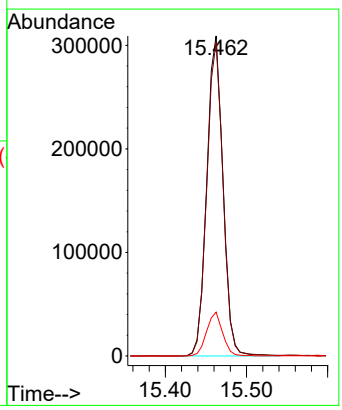
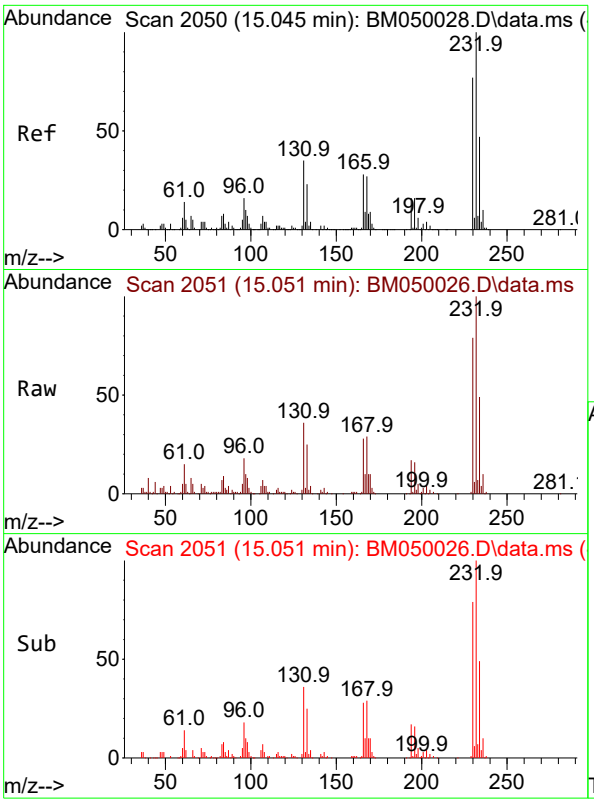


#58
Fluorene
Concen: 9.174 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:166 Resp: 427384

Ion	Ratio	Lower	Upper
166	100		
165	98.0	76.6	115.0
167	13.7	10.6	16.0

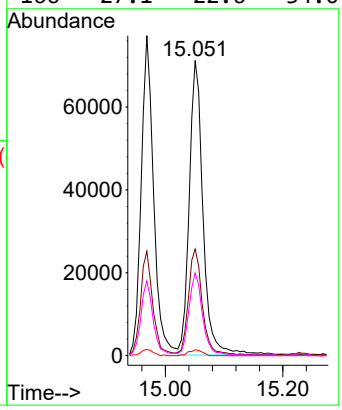




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.828 ng
RT: 15.051 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:232 Resp: 11518

Ion	Ratio	Lower	Upper
232	100		
131	36.2	28.2	42.4
130	2.0	1.5	2.3
166	27.1	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
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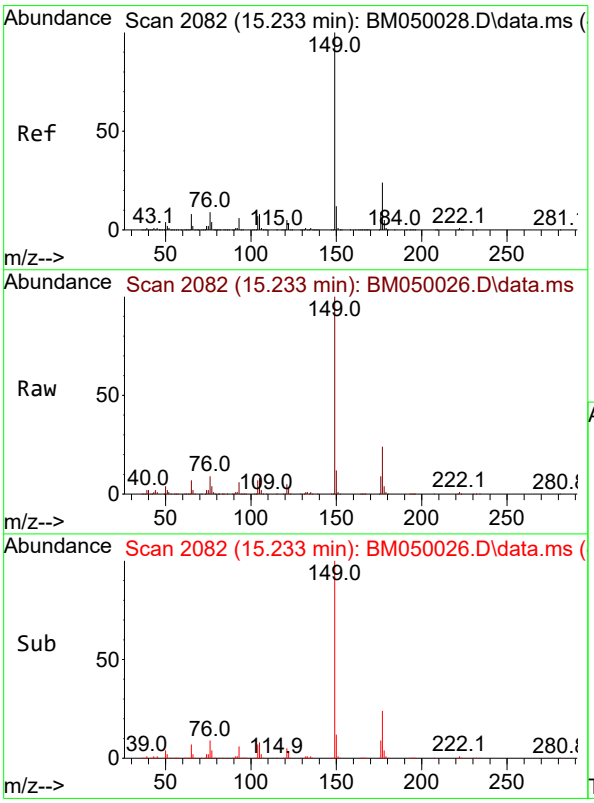
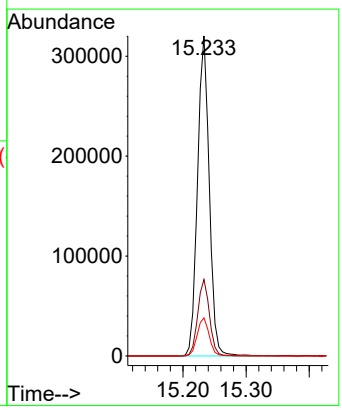
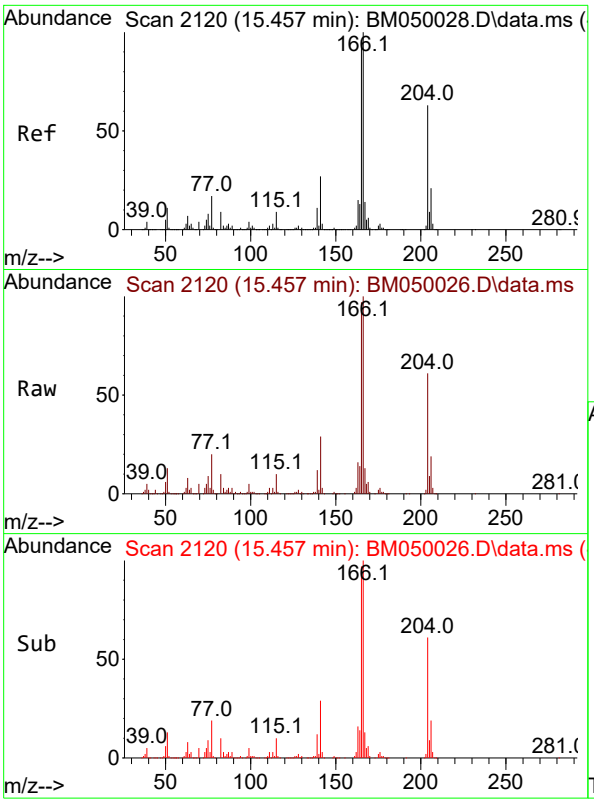


#60
Diethylphthalate
Concen: 9.447 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 414149

Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	11.9	9.6	14.4

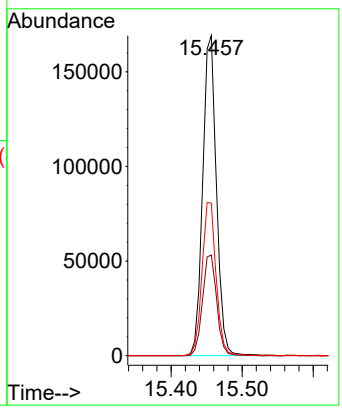




#61
4-Chlorophenyl-phenylether
Concen: 8.908 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:204 Resp: 22792

Ion	Ratio	Lower	Upper
204	100		
206	31.4	26.3	39.5
141	47.6	34.0	51.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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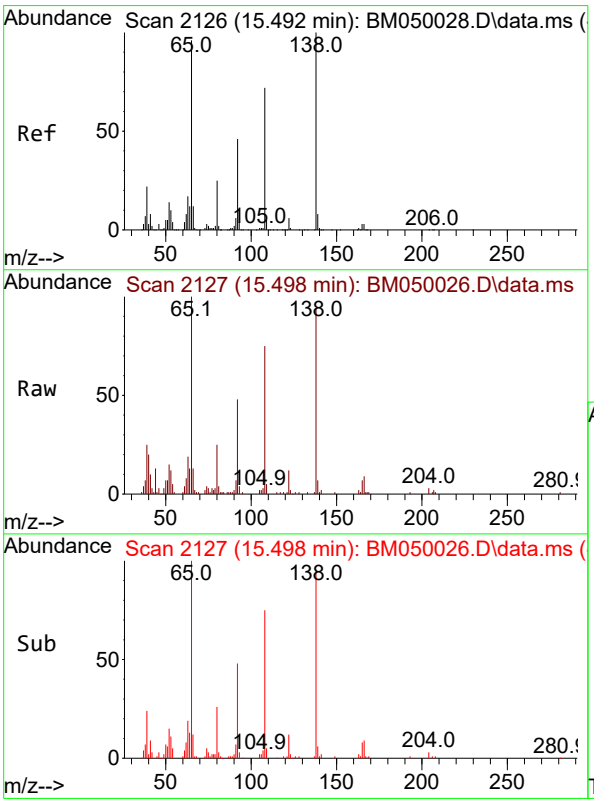
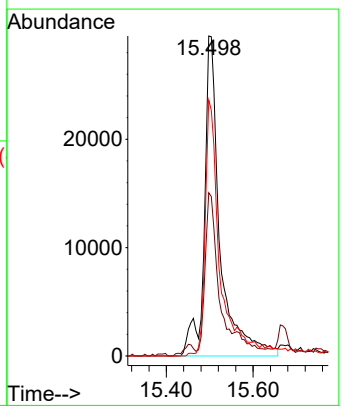
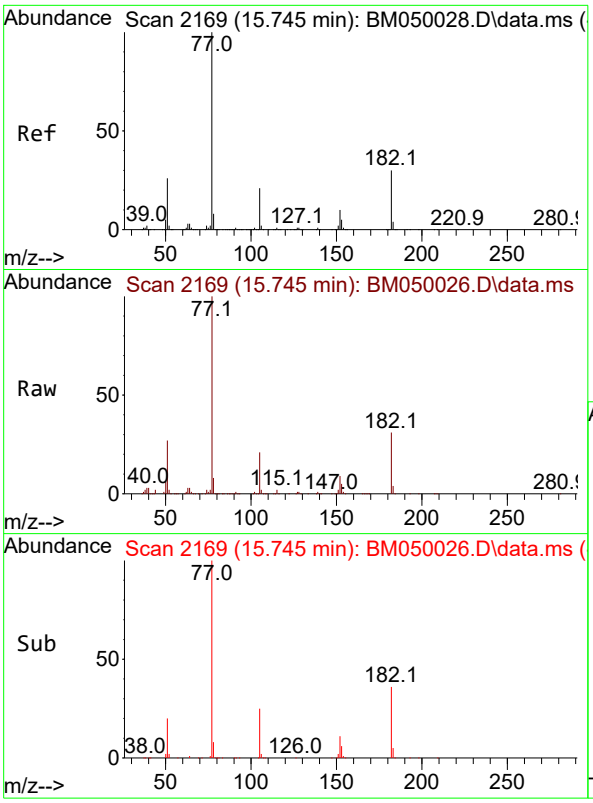


#62
4-Nitroaniline
Concen: 8.397 ng m
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:138 Resp: 74565

Ion	Ratio	Lower	Upper
138	100		
92	51.0	25.9	65.9
108	80.0	52.4	92.4

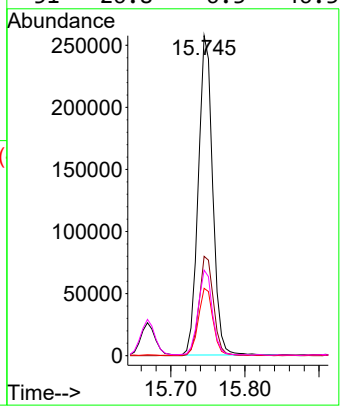




#63
Azobenzene
Concen: 9.454 ng
RT: 15.745 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 77 Resp: 34734

Ion	Ratio	Lower	Upper
77	100		
182	31.0	10.5	50.5
105	21.0	1.1	41.1
51	26.8	6.3	46.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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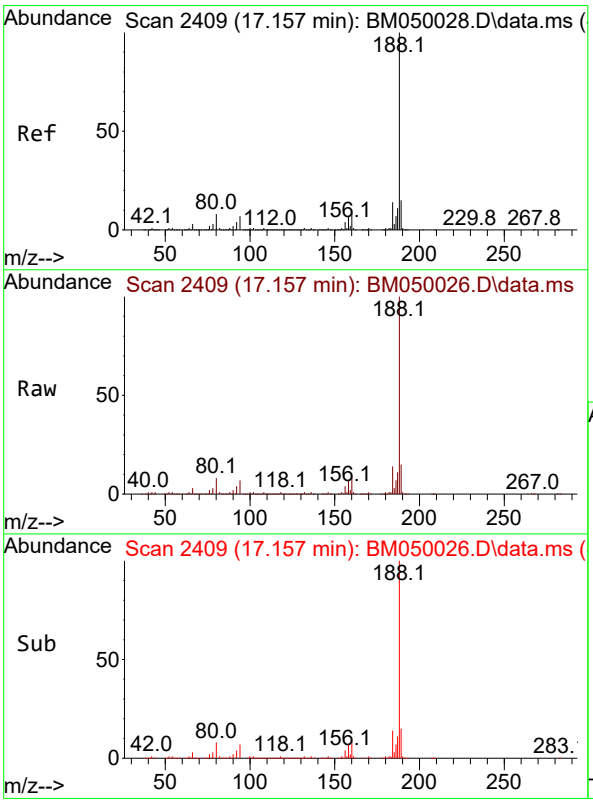
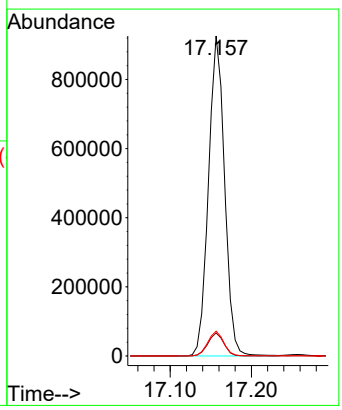
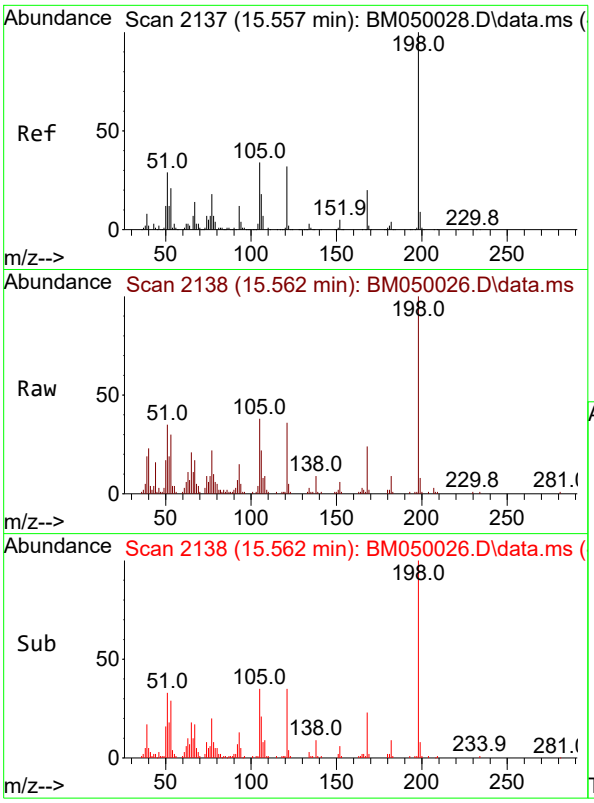


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:188 Resp: 1274608

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.8	6.2	9.4





#65
4,6-Dinitro-2-methylphenol
Concen: 7.042 ng
RT: 15.562 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:198 Resp: 5618

Ion	Ratio	Lower	Upper
198	100		
51	34.7	10.4	50.4
105	38.2	14.6	54.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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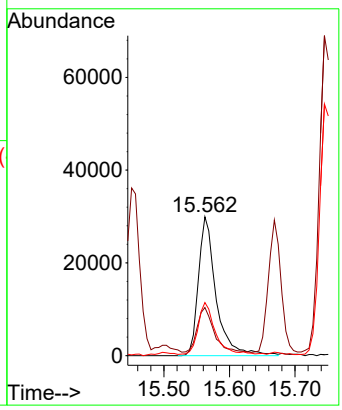
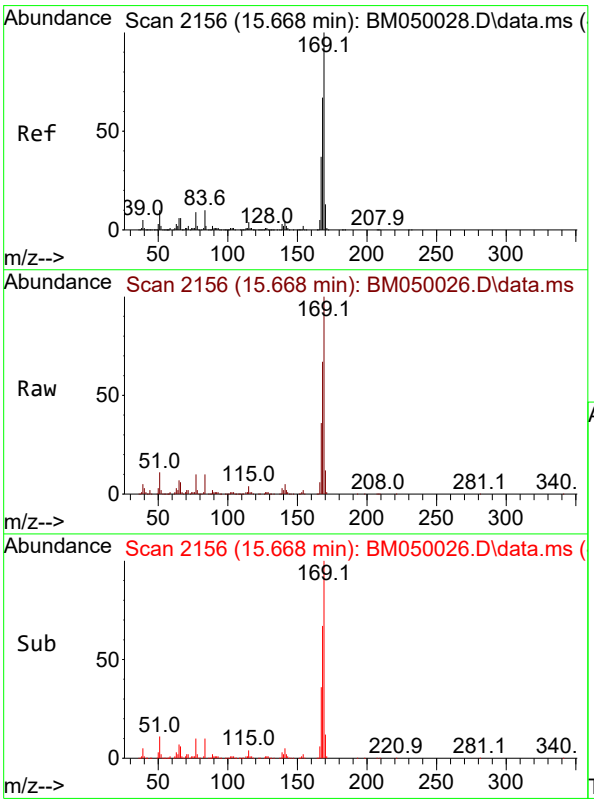
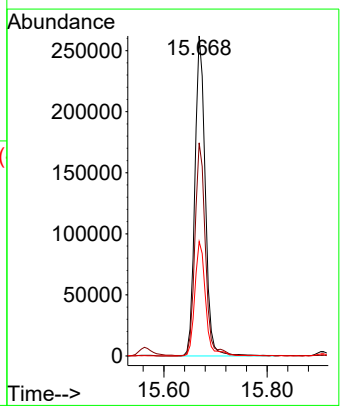


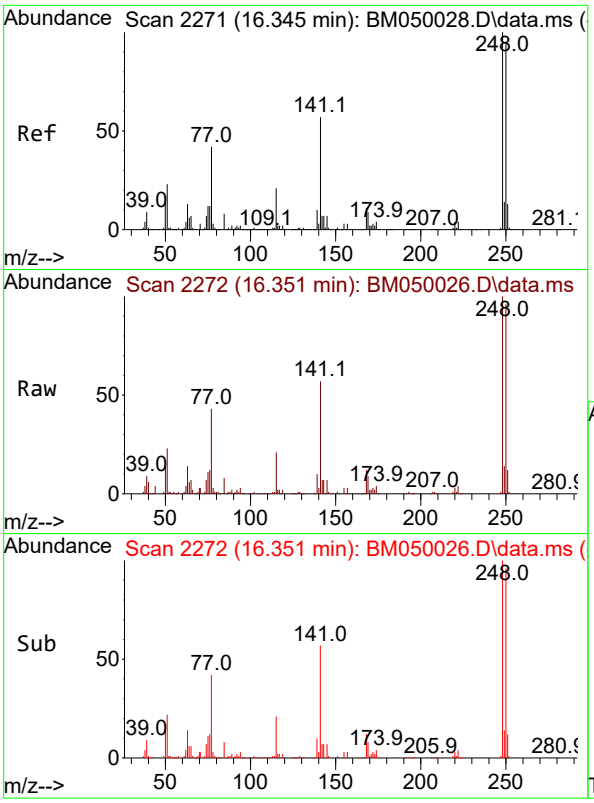


#66
n-Nitrosodiphenylamine
Concen: 9.315 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:169 Resp: 364601

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.2
167	35.8	29.4	44.0





#67
4-Bromophenyl-phenylether
Concen: 8.923 ng
RT: 16.351 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:248 Resp: 13753

Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.2	114.2
141	57.1	45.9	68.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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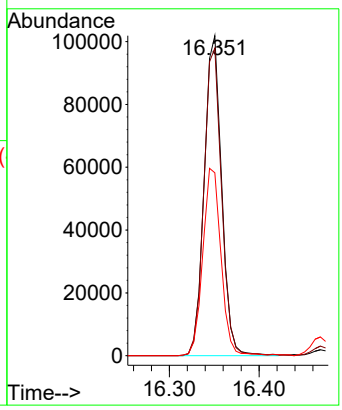
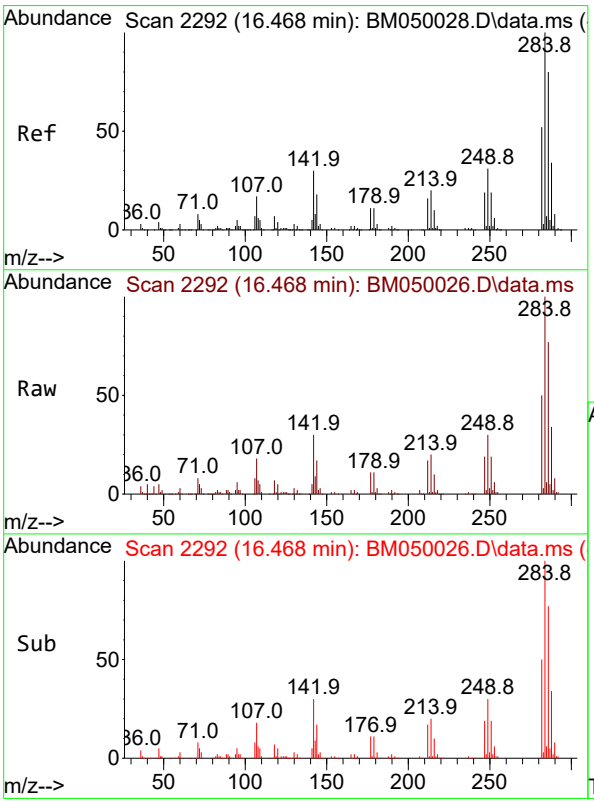
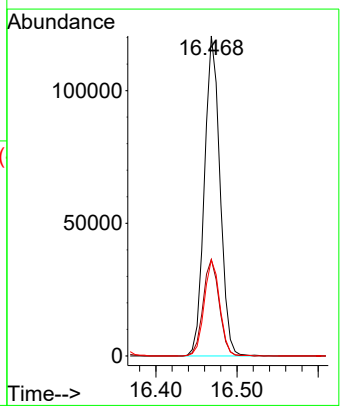


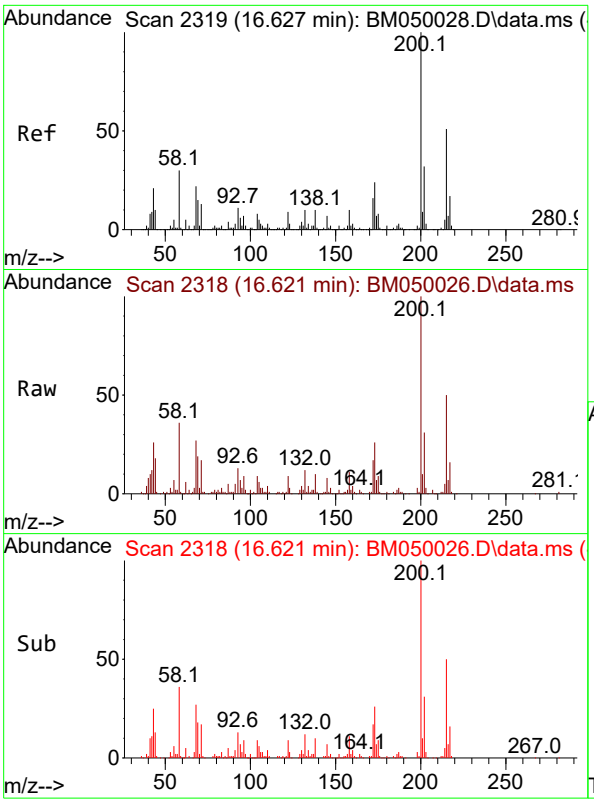


#68
Hexachlorobenzene
Concen: 9.016 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:284 Resp: 160195

Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.9	35.9
249	30.0	24.5	36.7

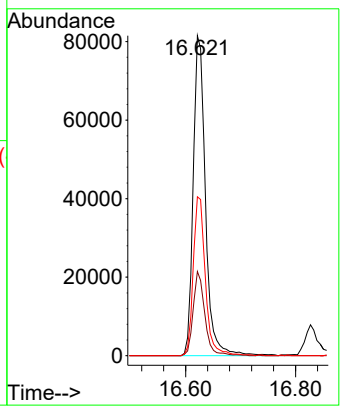




#69
Atrazine
Concen: 8.937 ng
RT: 16.621 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:200 Resp: 12616

Ion	Ratio	Lower	Upper
200	100		
173	26.3	4.3	44.3
215	49.6	30.6	70.6



Instrument :
BNA_M
ClientSampleId :
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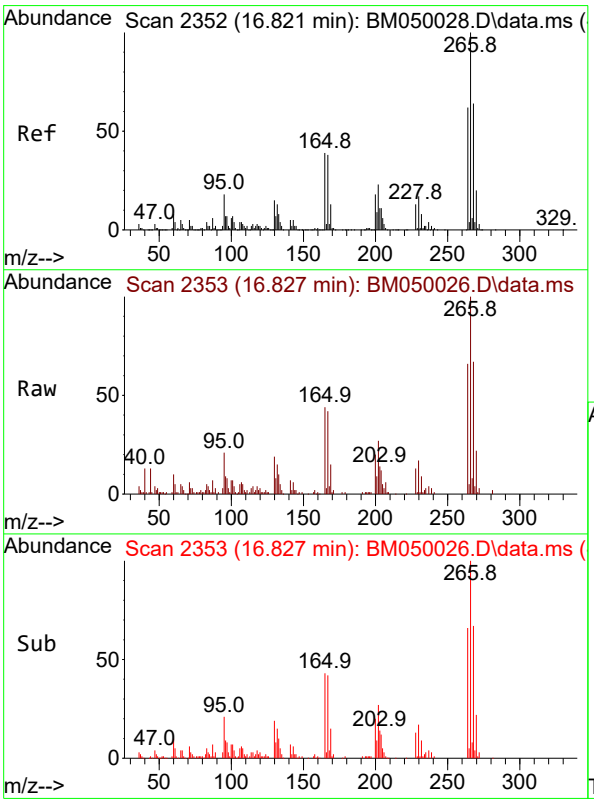
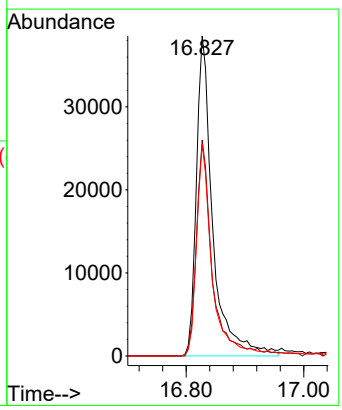
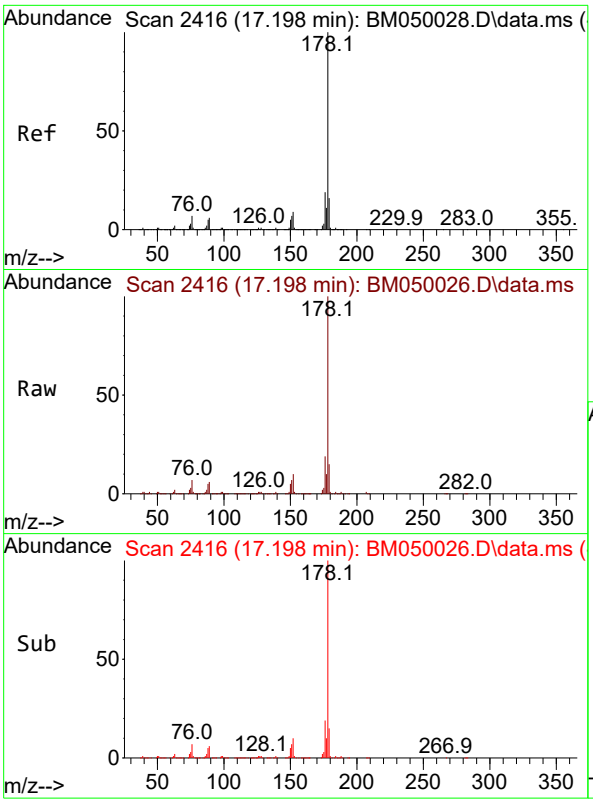


#70
Pentachlorophenol
Concen: 7.483 ng
RT: 16.827 min Scan# 2353
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:266 Resp: 74839

Ion	Ratio	Lower	Upper
266	100		
268	67.5	51.2	76.8
264	66.3	49.6	74.4





#71
Phenanthrene
Concen: 9.172 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:178 Resp: 65937

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.4	18.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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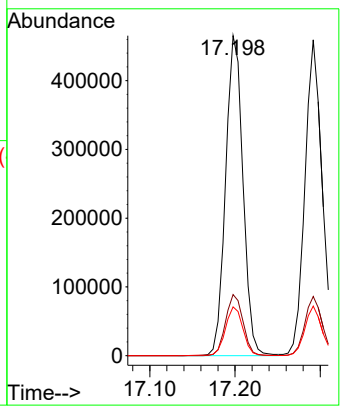
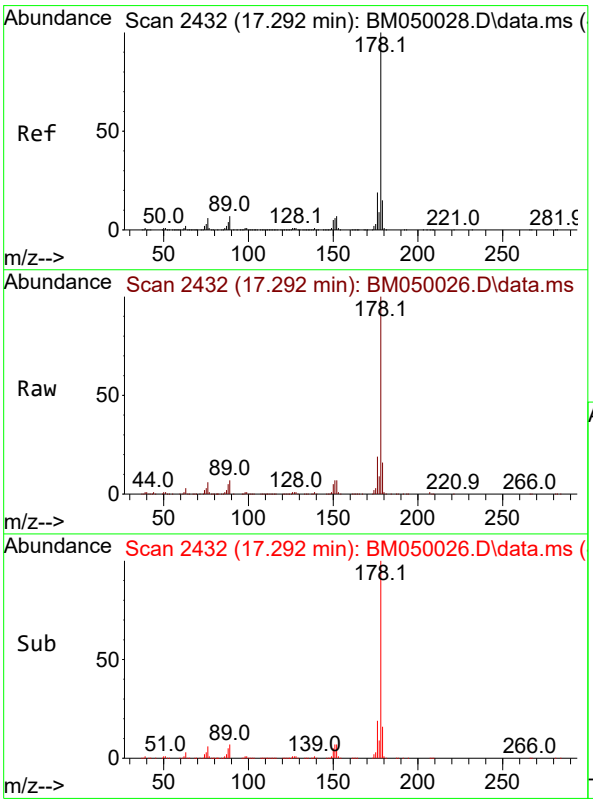
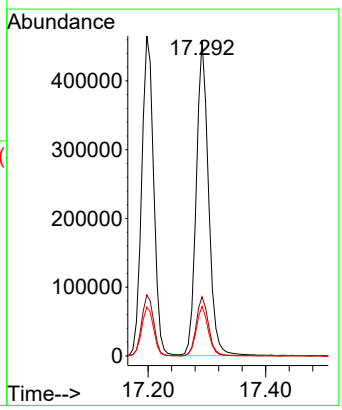


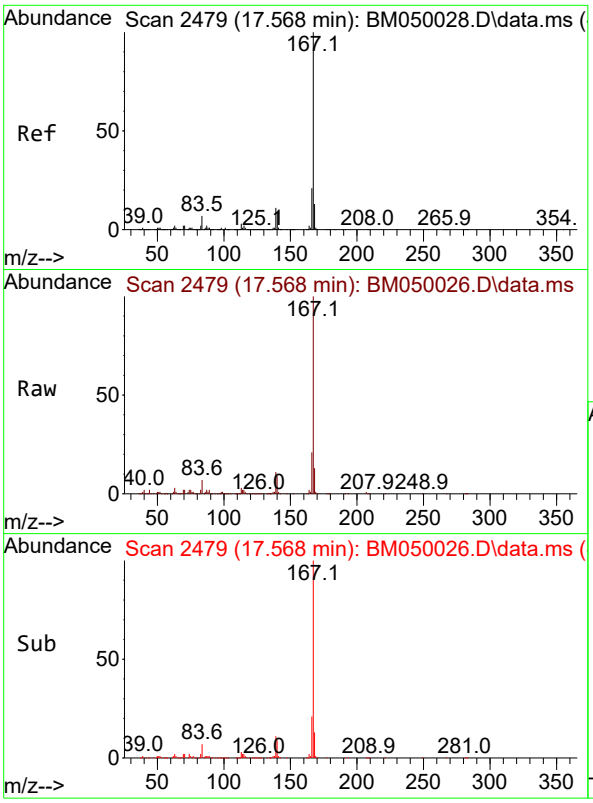


#72
Anthracene
Concen: 9.089 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:178 Resp: 661260

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.2	18.4

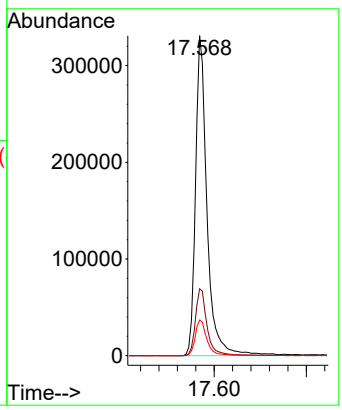




#73
Carbazole
Concen: 9.087 ng
RT: 17.568 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:167 Resp: 57366

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	11.2	9.0	13.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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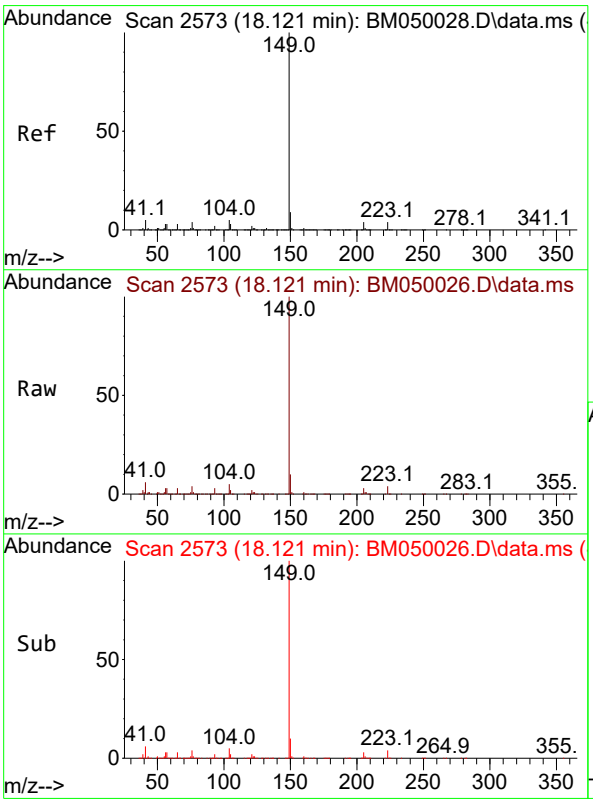
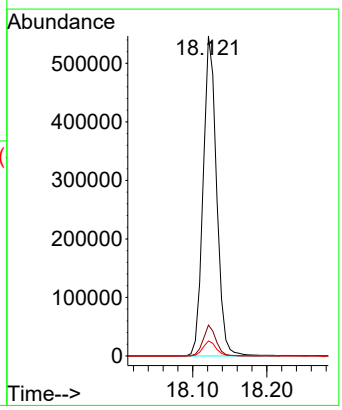
Supervised By :Jagrut Upadhyay 04/29/2025

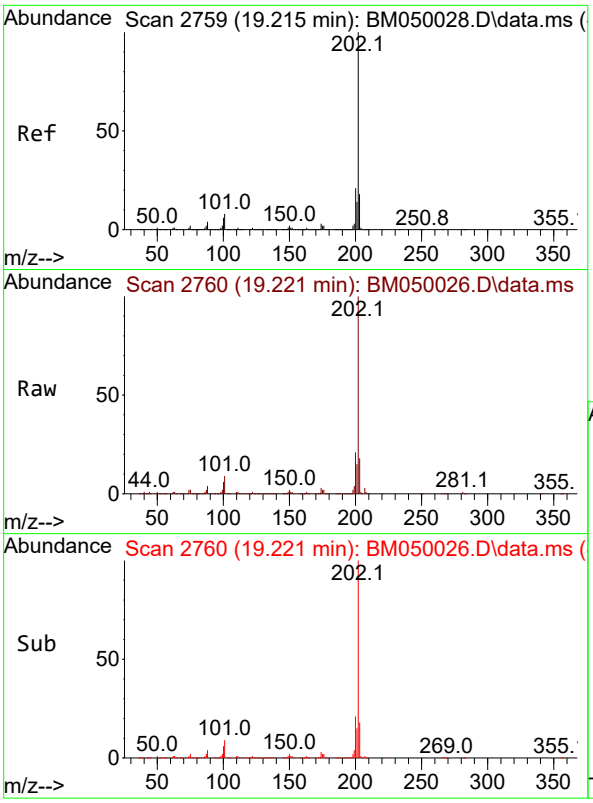


#74
Di-n-butylphthalate
Concen: 9.168 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 689248

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	4.7	3.8	5.6

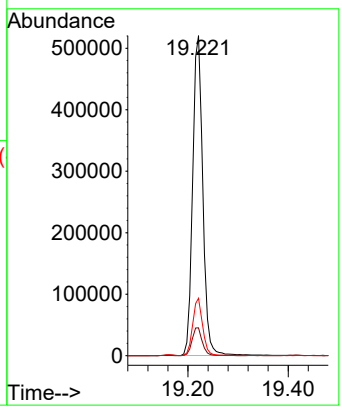




#75
Fluoranthene
Concen: 8.621 ng
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:202 Resp: 72760

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.0
203	18.0	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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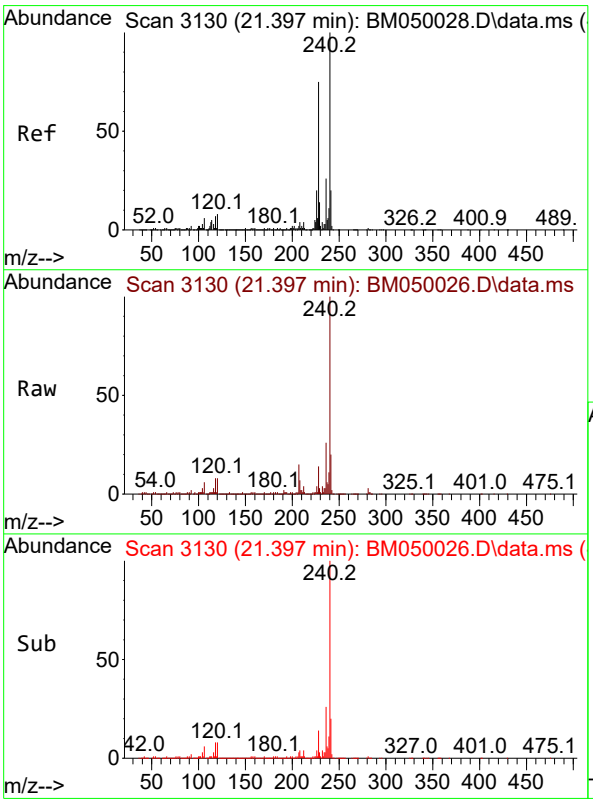
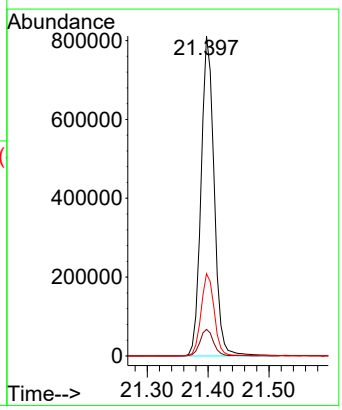
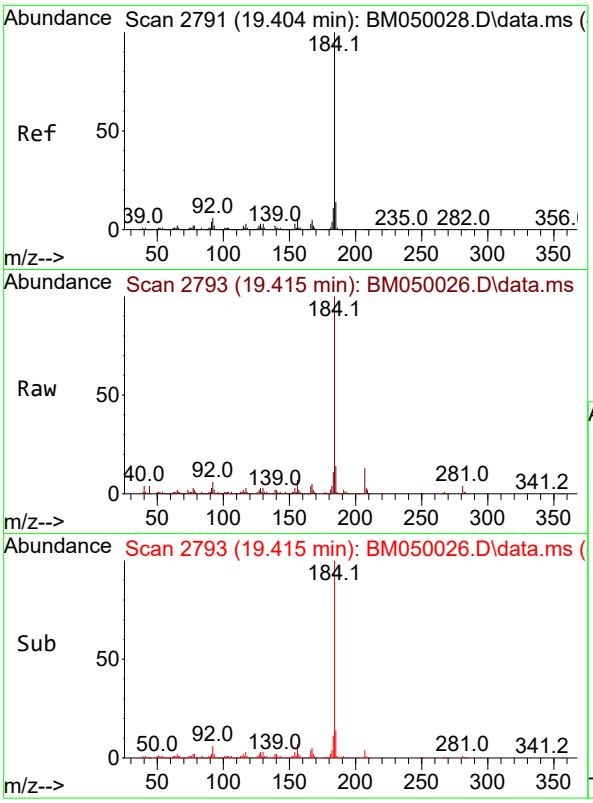


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:240 Resp: 1213581

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	25.7	20.9	31.3

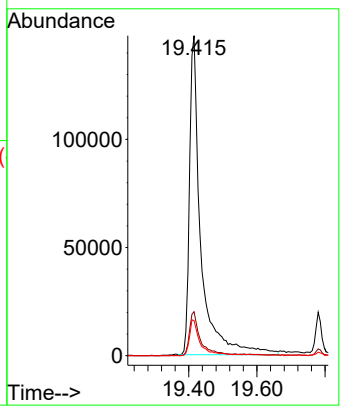




#77
Benzidine
Concen: 7.887 ng
RT: 19.415 min Scan# 2
Delta R.T. 0.011 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:184 Resp: 33997

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.5	17.3
183	11.0	8.9	13.3



Instrument :
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ClientSampleId :
SSTDICC010

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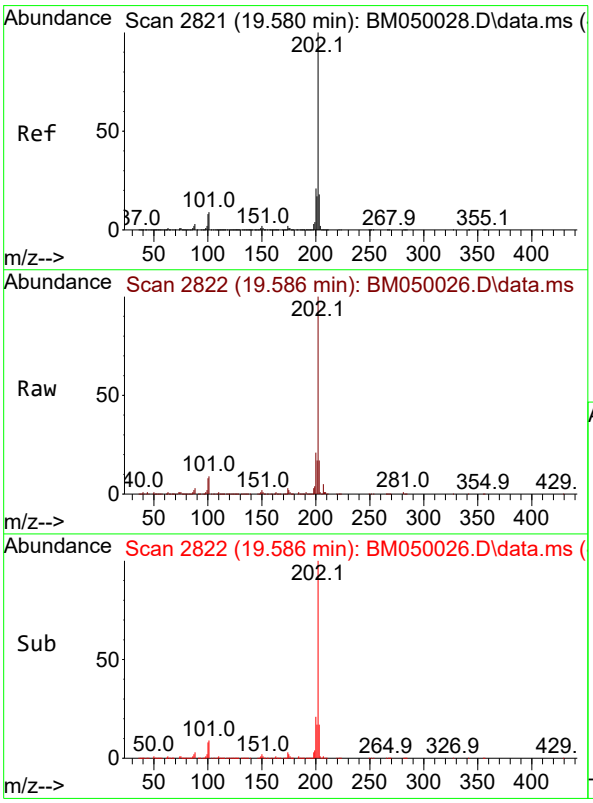
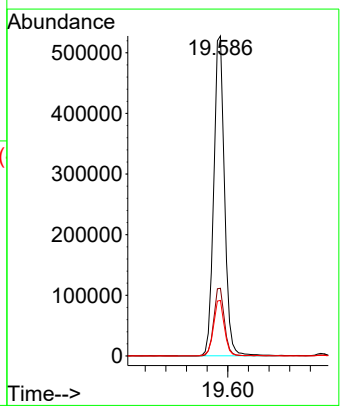
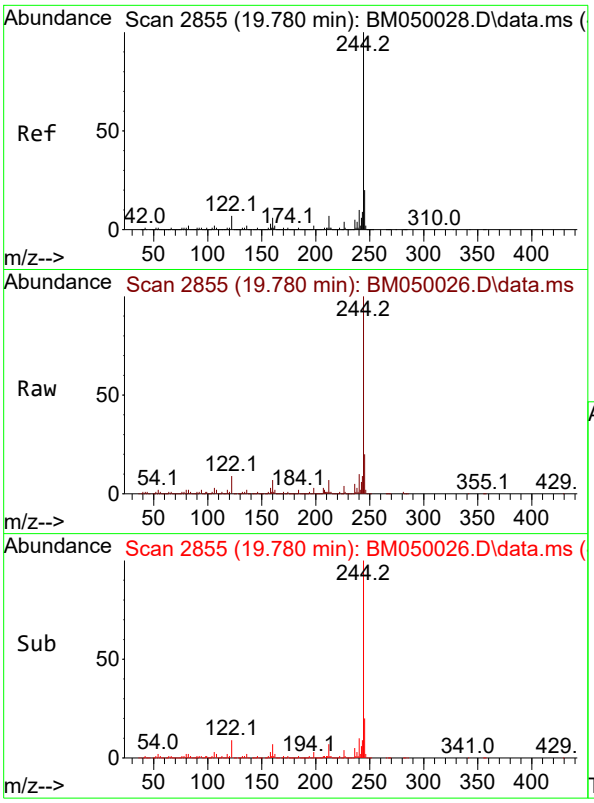


#78
Pyrene
Concen: 8.937 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:202 Resp: 761625

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.3	14.1	21.1

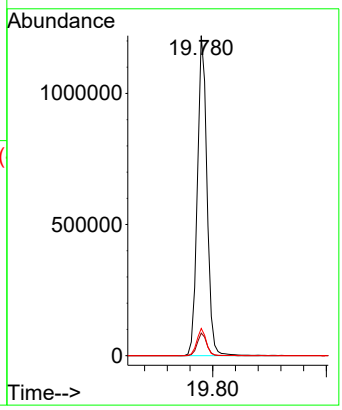




#79
Terphenyl-d14
Concen: 17.601 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:244 Resp: 144352

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	8.5	5.6	8.4



Instrument :
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ClientSampleId :
SSTDICC010

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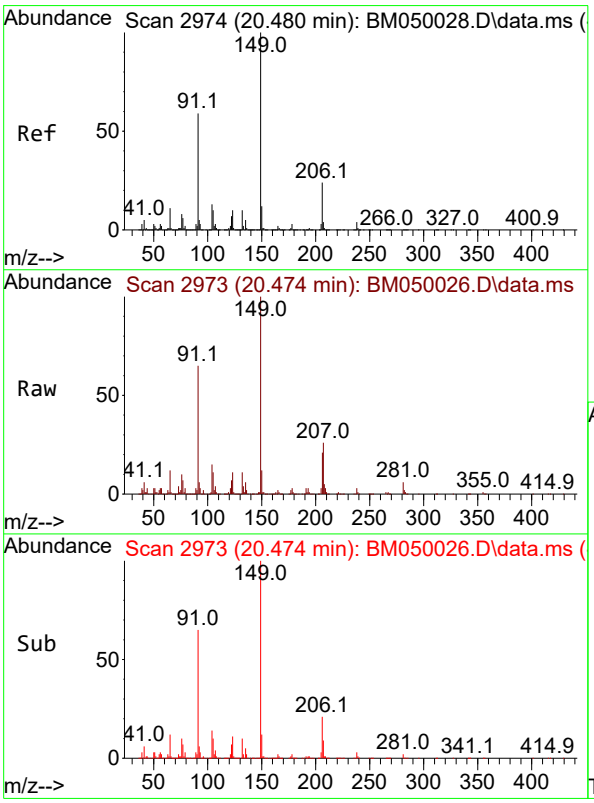
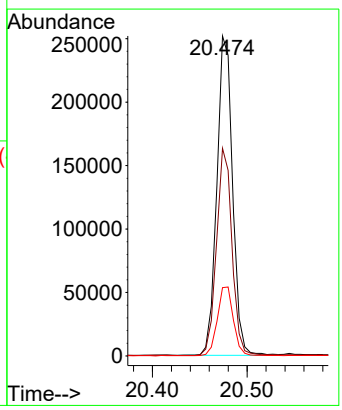
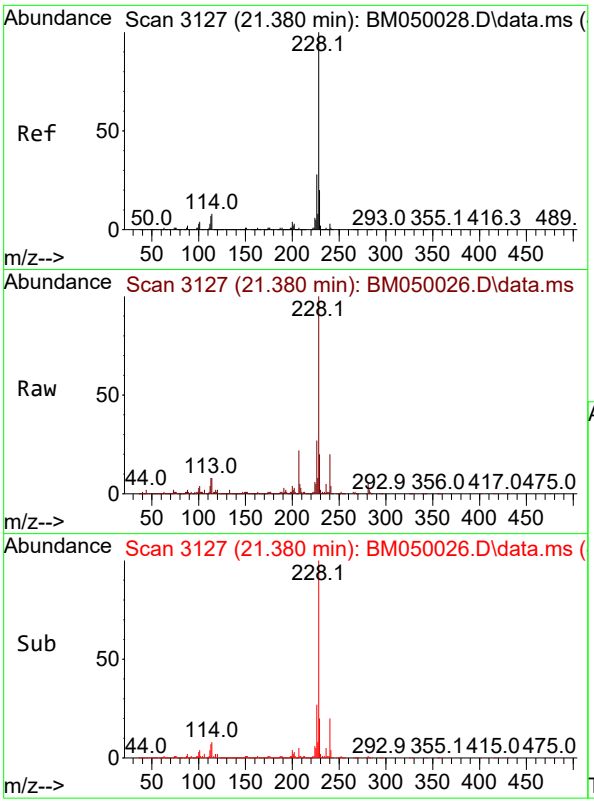


#80
Butylbenzylphthalate
Concen: 9.105 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 290617

Ion	Ratio	Lower	Upper
149	100		
91	64.9	47.4	71.2
206	21.3	19.4	29.0

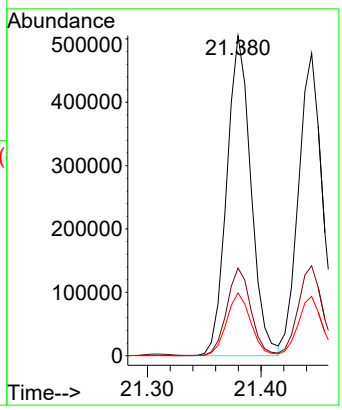




#81
Benzo(a)anthracene
Concen: 8.940 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:228 Resp: 74712

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.6	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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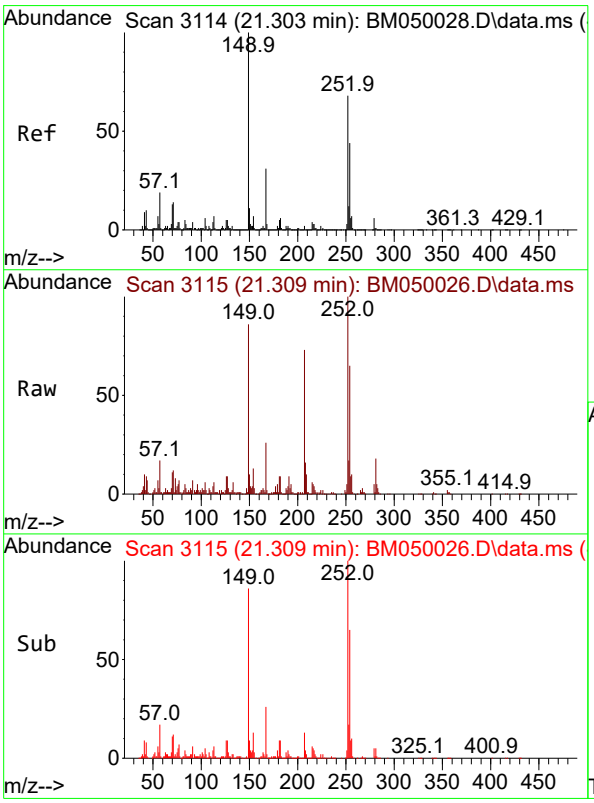
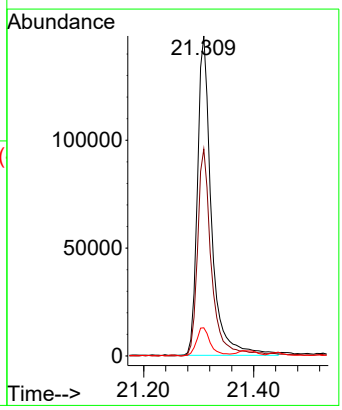
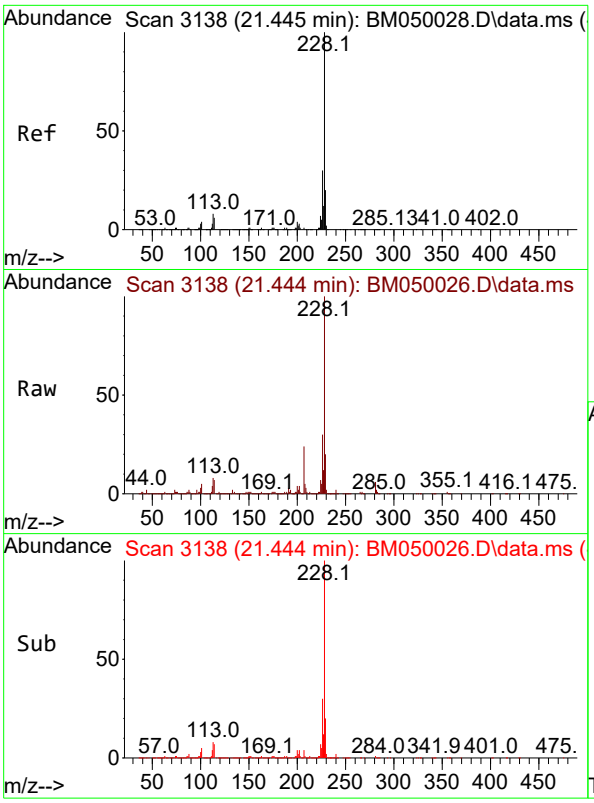


#82
3,3'-Dichlorobenzidine
Concen: 8.190 ng
RT: 21.309 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 262017

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.8	77.6
126	8.8	6.0	9.0

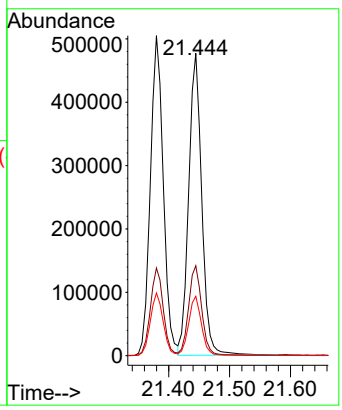




#83
Chrysene
Concen: 9.178 ng
RT: 21.444 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:228 Resp: 70986

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.6	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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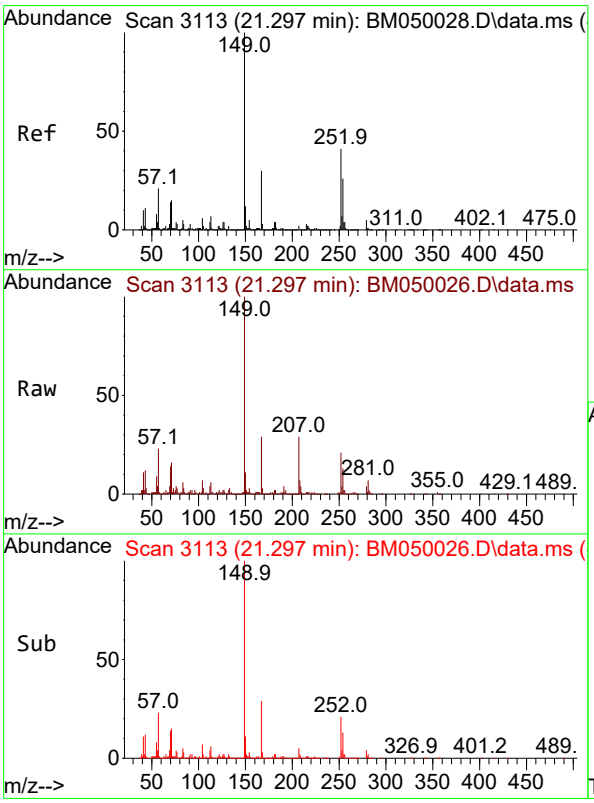
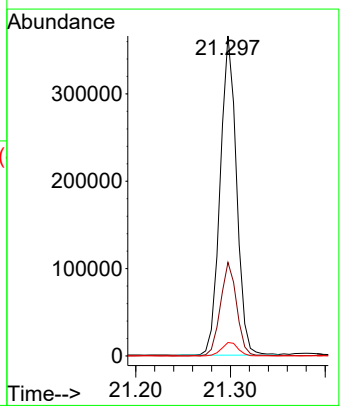
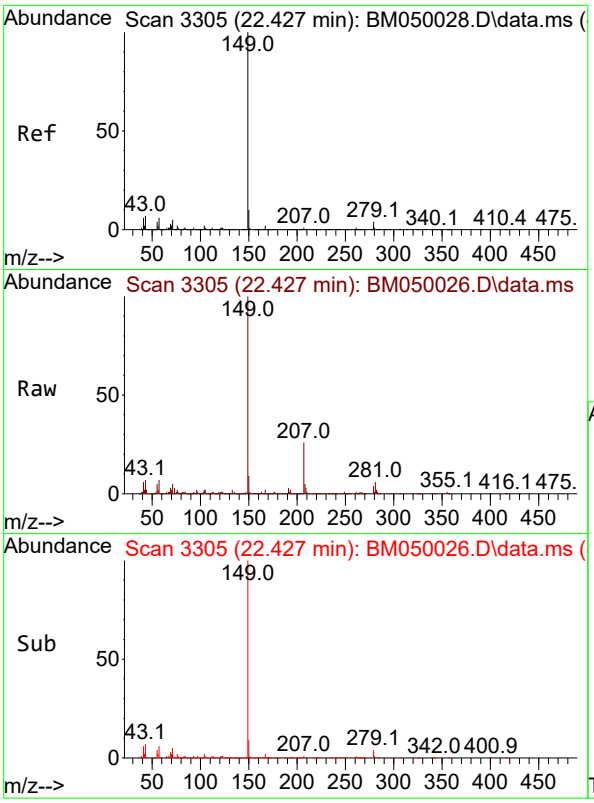


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.228 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 439949

Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.1	36.1
279	4.2	3.9	5.9

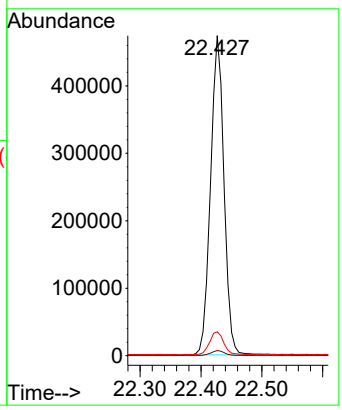




#85
Di-n-octyl phthalate
Concen: 9.236 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 72620

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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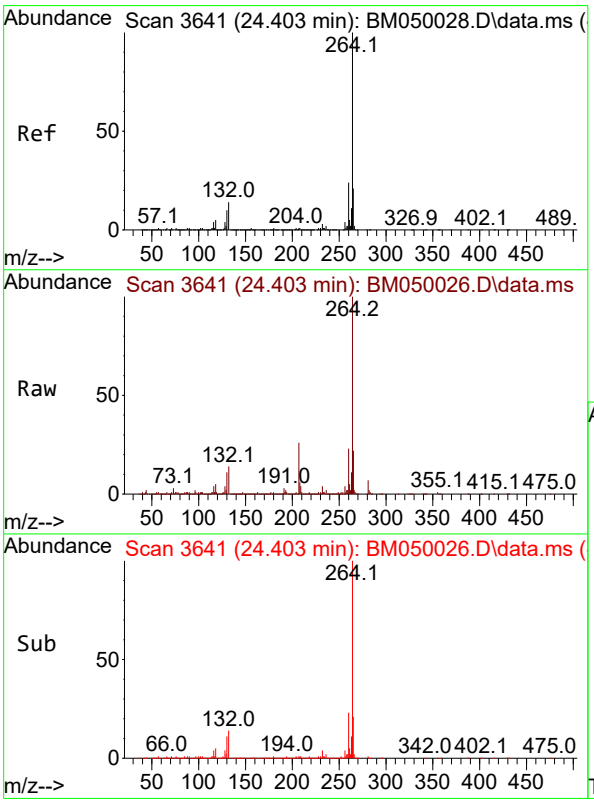
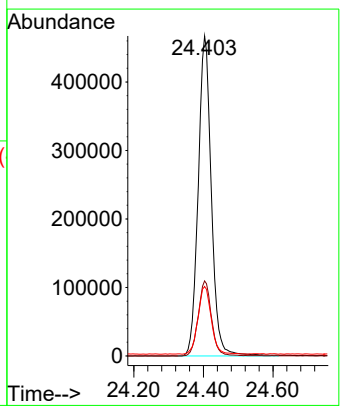
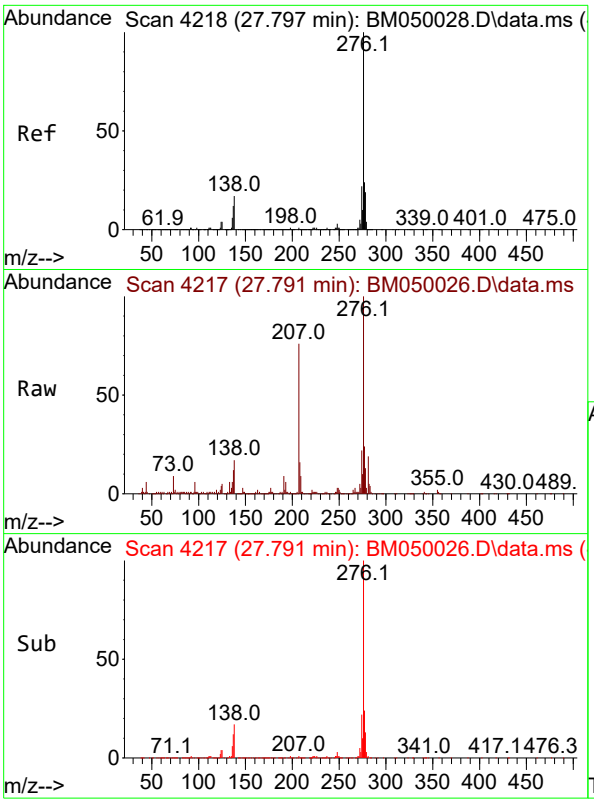


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:264 Resp: 1224339

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.7	17.0	25.4

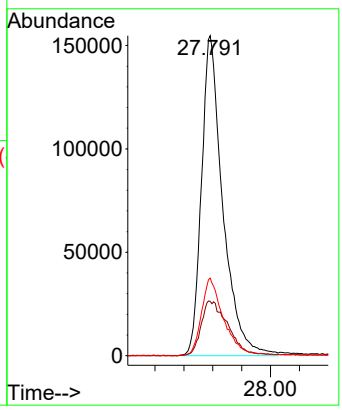




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.674 ng
RT: 27.791 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:276 Resp: 79134

Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.4	24.6
277	25.3	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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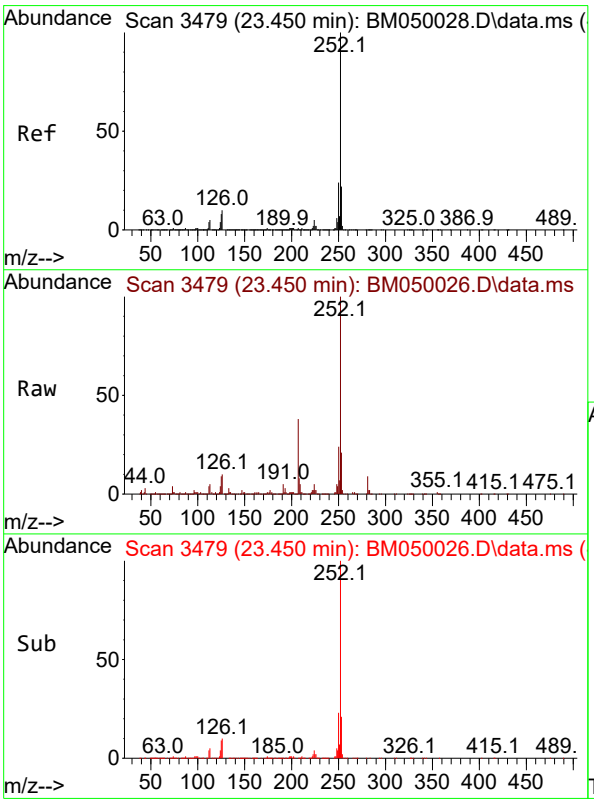
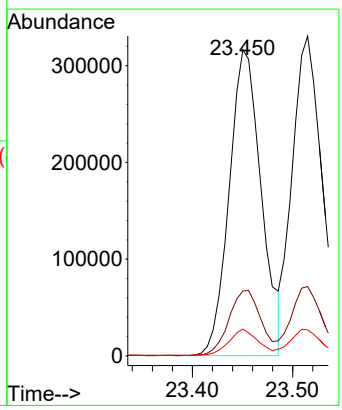
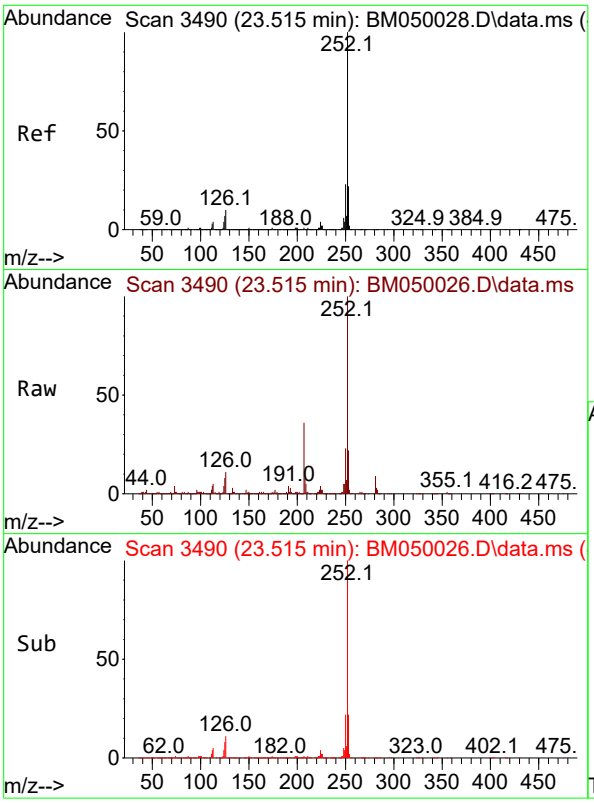


#88
Benzo(b)fluoranthene
Concen: 8.831 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 703118

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	8.8	6.1	9.1

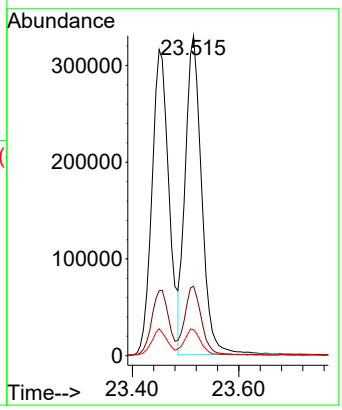




#89
Benzo(k)fluoranthene
Concen: 8.741 ng
RT: 23.515 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 70414

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	8.2	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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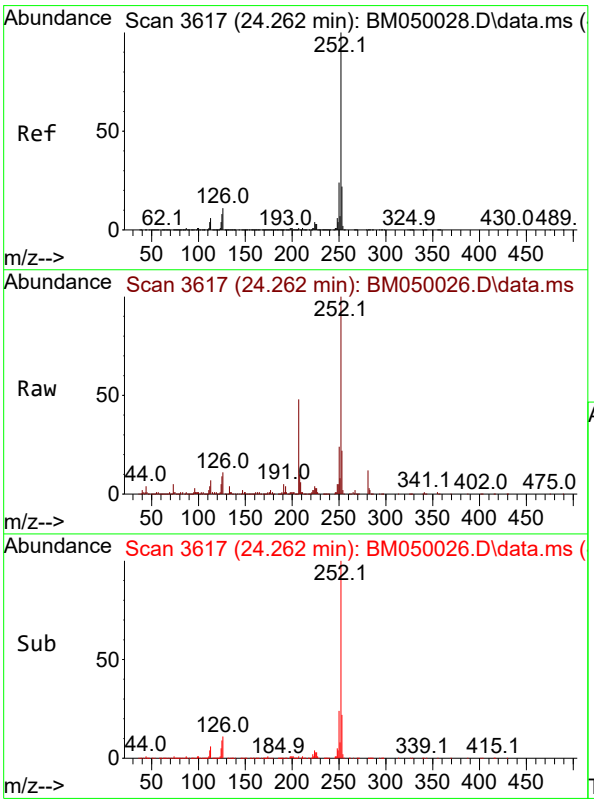
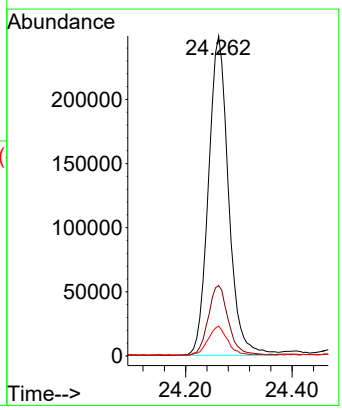
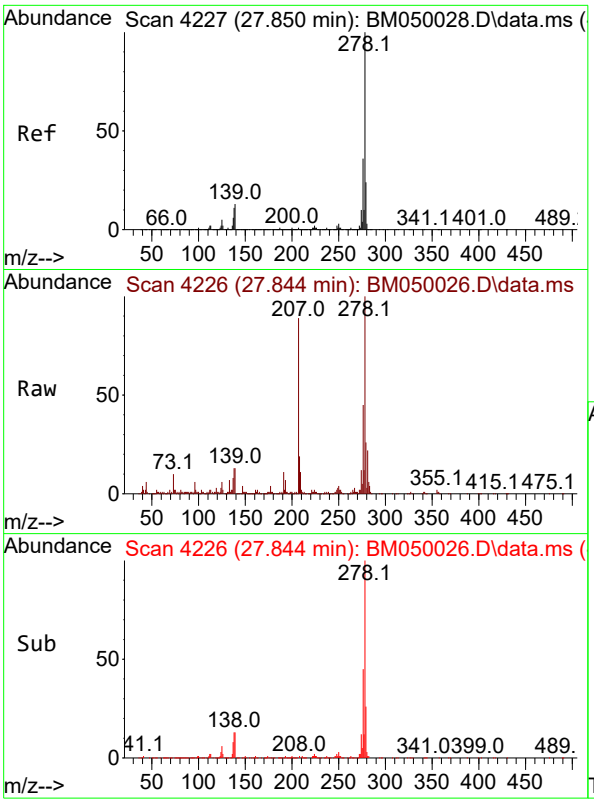


#90
Benzo(a)pyrene
Concen: 8.751 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 652617

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.4	6.6	9.8

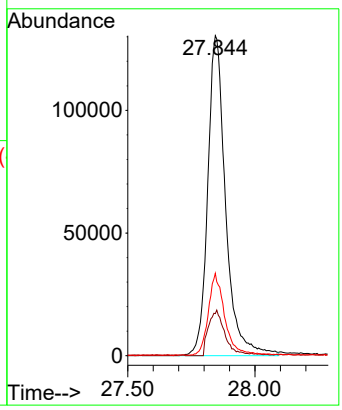




#91
Dibenzo(a,h)anthracene
Concen: 8.591 ng
RT: 27.844 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:278 Resp: 63891

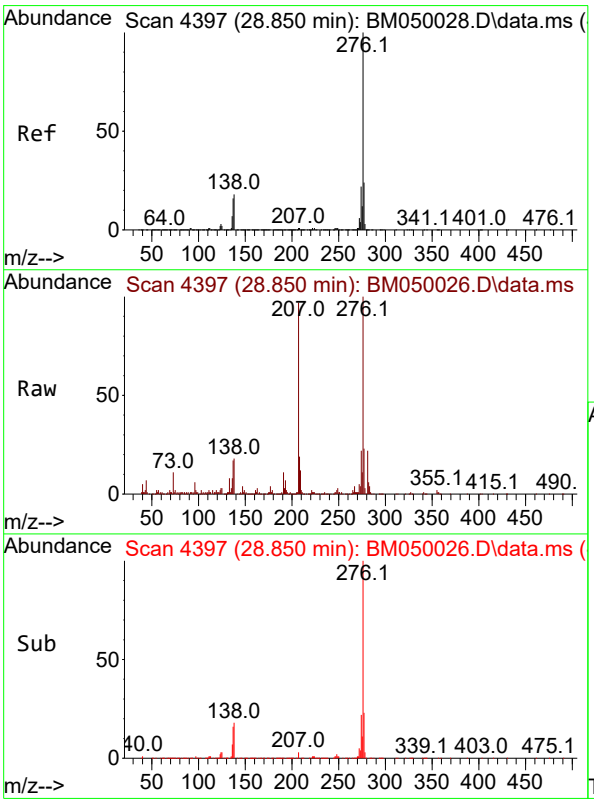
Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.5	15.7
279	25.8	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

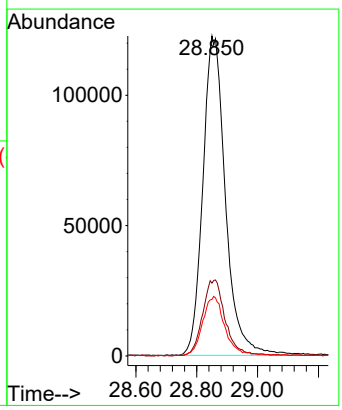
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 8.852 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:276 Resp: 630261

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.1	28.7
138	17.7	14.3	21.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	242715	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	896366	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	614688	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1244440	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1204355	20.000	ng		0.00
86) Perylene-d12	24.403	264	1191041	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	537488	38.777	ng		0.00
7) Phenol-d6	6.951	99	678404	38.941	ng		0.00
23) Nitrobenzene-d5	8.928	82	712171	39.151	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	345020	37.960	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	2005788	38.602	ng		0.00
79) Terphenyl-d14	19.780	244	3208242	39.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	115944	19.509	ng		99
3) Pyridine	3.658	79	298256	19.532	ng		98
4) n-Nitrosodimethylamine	3.569	42	115296	19.251	ng	#	100
6) Aniline	7.098	93	429222	19.511	ng		99
8) 2-Chlorophenol	7.340	128	290876	19.409	ng		99
9) Benzaldehyde	6.910	77	235594	20.233	ng		98
10) Phenol	6.981	94	344567	19.537	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	285330	19.375	ng		99
12) 1,3-Dichlorobenzene	7.657	146	352660	19.480	ng		99
13) 1,4-Dichlorobenzene	7.804	146	354975	19.518	ng		99
14) 1,2-Dichlorobenzene	8.122	146	345385	19.660	ng		99
15) Benzyl Alcohol	8.016	79	234541	19.413	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	350829	19.598	ng		98
17) 2-Methylphenol	8.228	107	225978	19.450	ng		99
18) Hexachloroethane	8.845	117	126530	19.571	ng		99
19) n-Nitroso-di-n-propyla...	8.575	70	223538	20.006	ng		99
20) 3+4-Methylphenols	8.557	107	307585	19.604	ng		97
22) Acetophenone	8.592	105	434539	19.499	ng		98
24) Nitrobenzene	8.969	77	309341	19.667	ng		99
25) Isophorone	9.498	82	609252	19.648	ng		99
26) 2-Nitrophenol	9.681	139	154364	19.211	ng		97
27) 2,4-Dimethylphenol	9.751	122	259319	19.460	ng		99
28) bis(2-Chloroethoxy)met...	9.975	93	378162	19.732	ng		100
29) 2,4-Dichlorophenol	10.234	162	292336	19.582	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	352792	19.397	ng		98
31) Naphthalene	10.610	128	890530	19.618	ng		99
32) Benzoic acid	9.881	122	154412m	18.168	ng		
33) 4-Chloroaniline	10.734	127	362366	19.475	ng		99
34) Hexachlorobutadiene	10.898	225	223143	19.327	ng		99
35) Caprolactam	11.516	113	84917	19.509	ng		93
36) 4-Chloro-3-methylphenol	11.875	107	270510	19.613	ng		99
37) 2-Methylnaphthalene	12.228	142	593403	19.498	ng		99
38) 1-Methylnaphthalene	12.445	142	634293	19.694	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	402355	18.909	ng		99
41) Hexachlorocyclopentadiene	12.575	237	222254	17.091	ng		100
43) 2,4,6-Trichlorophenol	12.851	196	260161	19.276	ng		96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	278307	19.123	ng	98
46) 1,1'-Biphenyl	13.239	154	892394	19.530	ng	99
47) 2-Chloronaphthalene	13.286	162	709815	19.614	ng	100
48) 2-Nitroaniline	13.498	65	165324	19.465	ng	99
49) Acenaphthylene	14.133	152	1112766	19.502	ng	99
50) Dimethylphthalate	13.869	163	883120	19.659	ng	99
51) 2,6-Dinitrotoluene	13.986	165	183493	19.729	ng	99
52) Acenaphthene	14.474	154	643177	19.474	ng	99
53) 3-Nitroaniline	14.327	138	174626	19.666	ng	97
54) 2,4-Dinitrophenol	14.551	184	80991	18.373	ng	99
55) Dibenzofuran	14.810	168	1074975	19.562	ng	99
56) 4-Nitrophenol	14.686	139	110948	19.021	ng	96
57) 2,4-Dinitrotoluene	14.786	165	252994	19.685	ng	100
58) Fluorene	15.457	166	879470	19.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	244928	19.442	ng	99
60) Diethylphthalate	15.233	149	848021	20.034	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	473276	19.157	ng	95
62) 4-Nitroaniline	15.492	138	170438	19.880	ng	95
63) Azobenzene	15.745	77	707026	19.930	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	136910	17.576	ng	94
66) n-Nitrosodiphenylamine	15.669	169	741920	19.415	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	285352	18.962	ng	98
68) Hexachlorobenzene	16.468	284	327912	18.903	ng	98
69) Atrazine	16.621	200	266068	19.303	ng	98
70) Pentachlorophenol	16.821	266	175794	18.004	ng	99
71) Phenanthrene	17.198	178	1348190	19.208	ng	100
72) Anthracene	17.292	178	1364462	19.210	ng	100
73) Carbazole	17.568	167	1194316	19.377	ng	99
74) Di-n-butylphthalate	18.121	149	1432688	19.519	ng	99
75) Fluoranthene	19.221	202	1555160	18.872	ng	99
77) Benzidine	19.409	184	777502	18.175	ng	99
78) Pyrene	19.580	202	1603874	18.964	ng	100
80) Butylbenzylphthalate	20.474	149	620751	19.597	ng	94
81) Benzo(a)anthracene	21.380	228	1591290	19.187	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	582038	18.333	ng	99
83) Chrysene	21.445	228	1461777	19.044	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	933505	19.730	ng	98
85) Di-n-octyl phthalate	22.427	149	1525599	19.552	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	1671967	18.840	ng	99
88) Benzo(b)fluoranthene	23.450	252	1439776	18.588	ng	99
89) Benzo(k)fluoranthene	23.515	252	1489410	19.005	ng	100
90) Benzo(a)pyrene	24.262	252	1365706	18.825	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	1360269	18.803	ng	99
92) Benzo(g,h,i)perylene	28.850	276	1316513	19.008	ng	99

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

ICAL Form

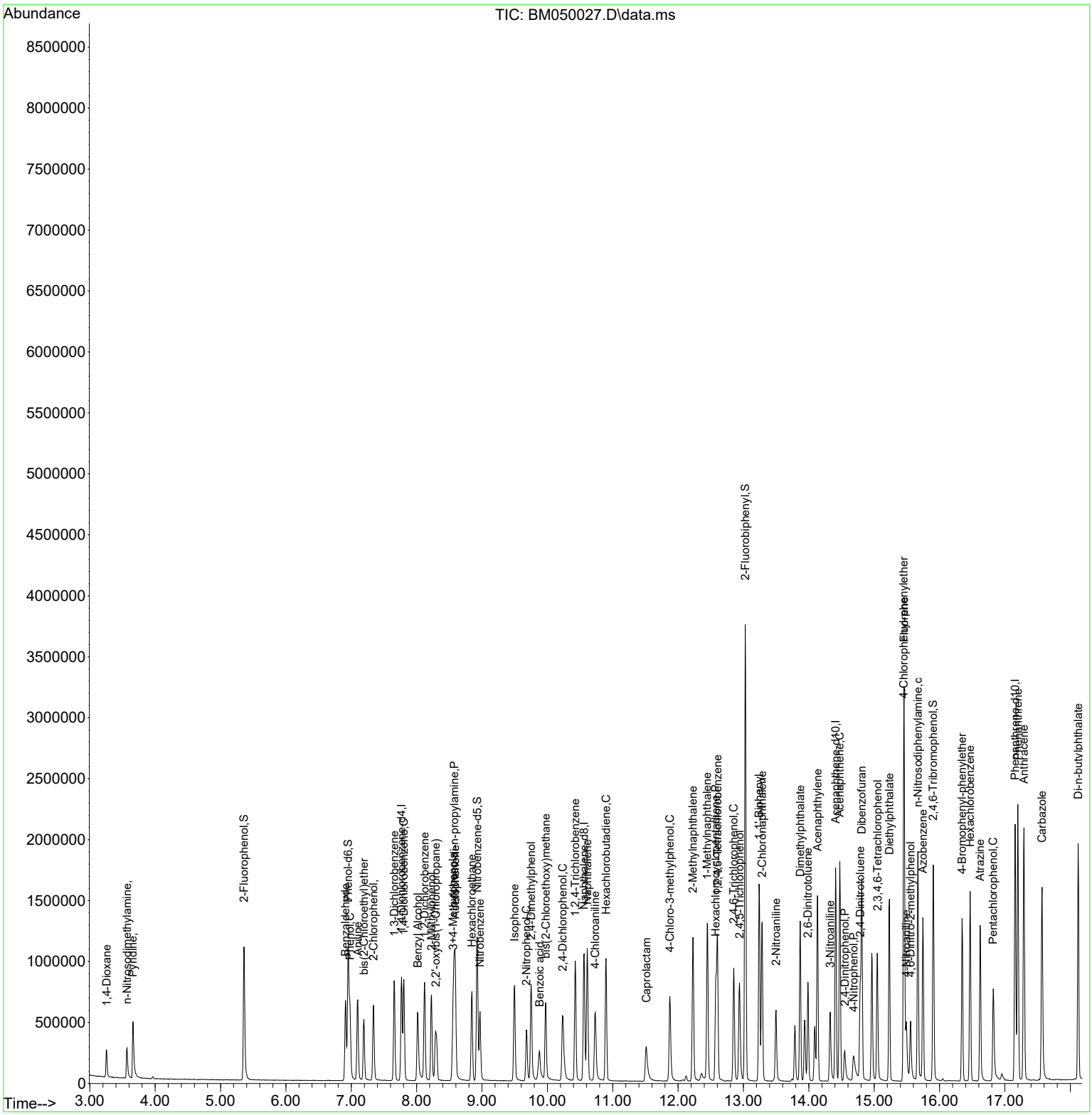
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
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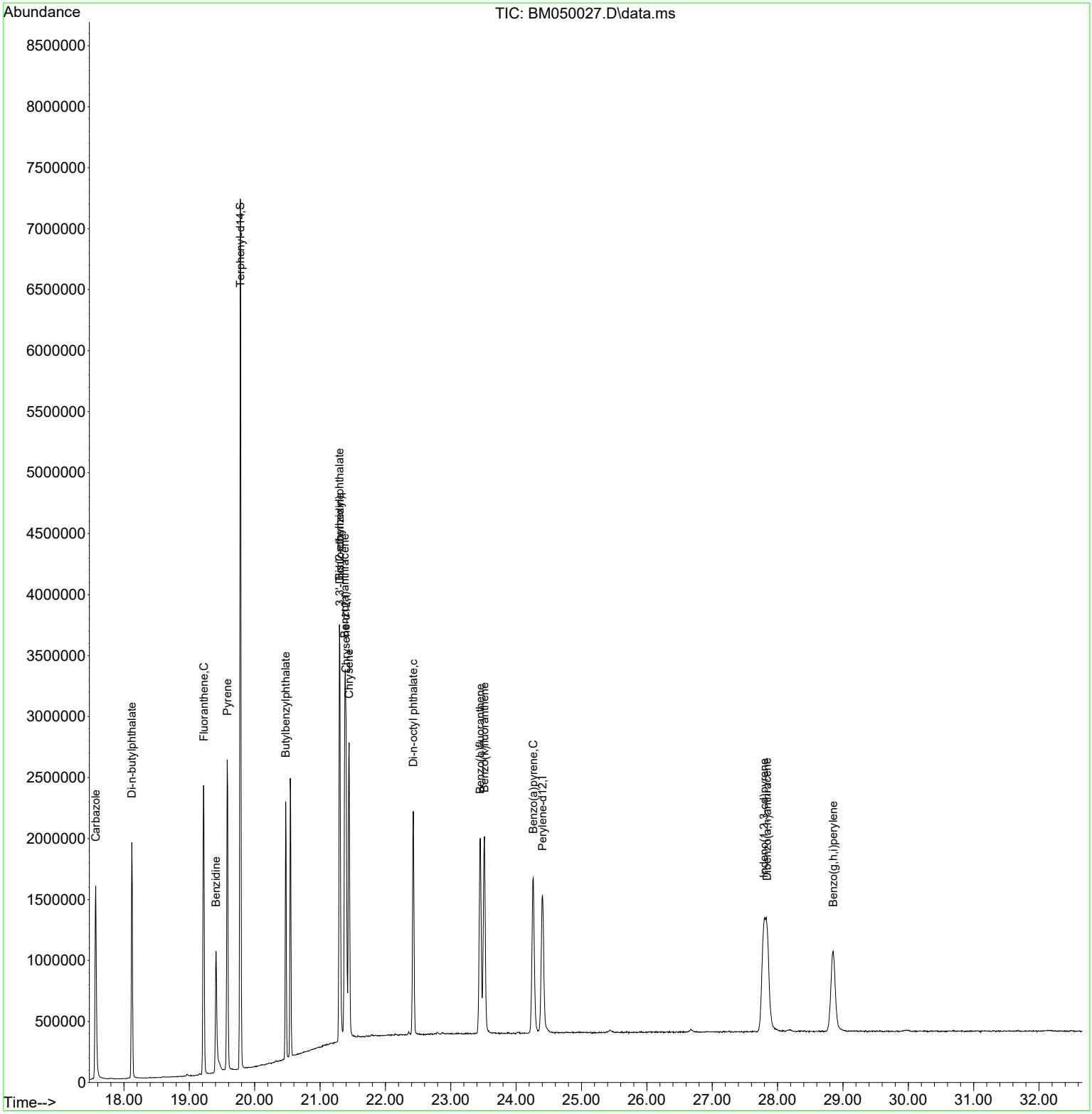
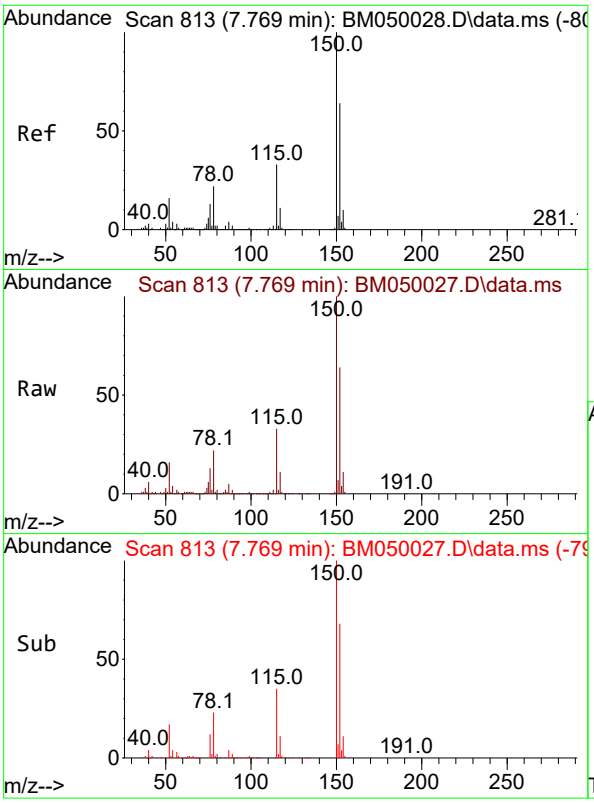
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

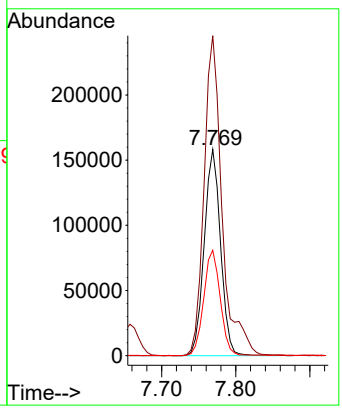




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:152 Resp: 24271

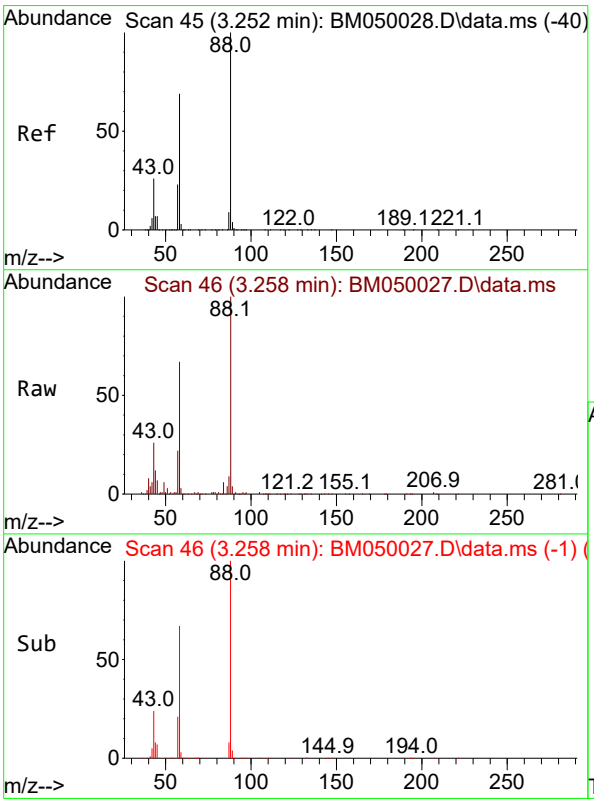
Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.1	186.1
115	51.1	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

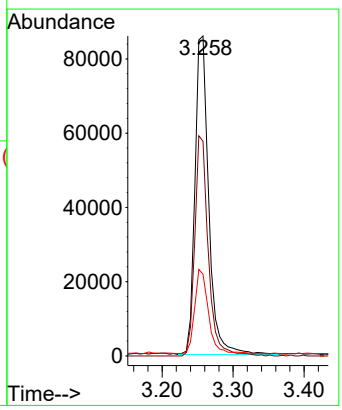
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

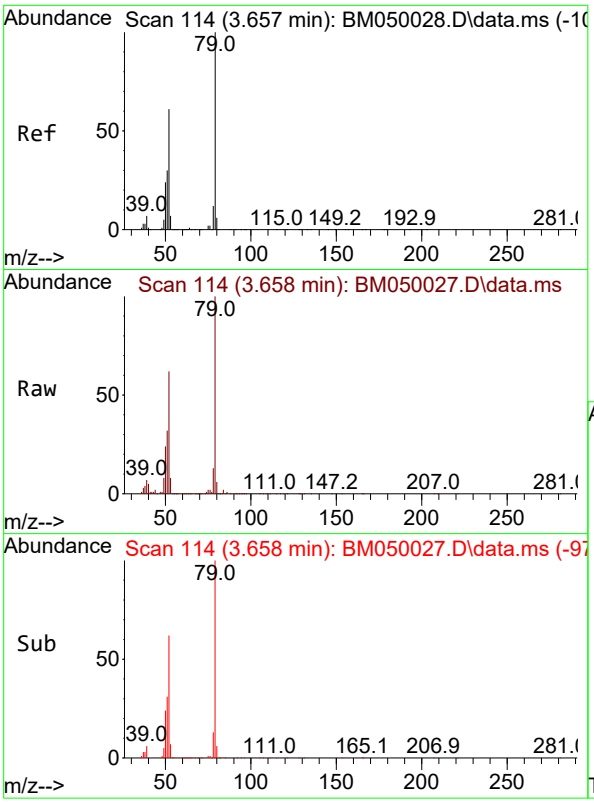


#2
1,4-Dioxane
Concen: 19.509 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 88 Resp: 115944

Ion	Ratio	Lower	Upper
88	100		
58	67.9	55.1	82.7
43	26.7	20.9	31.3

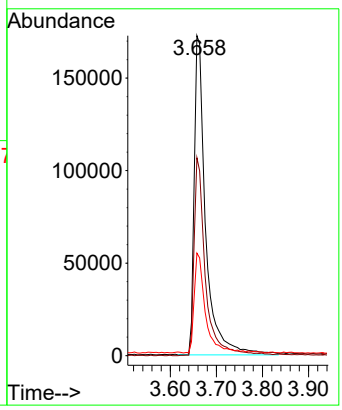




#3
Pyridine
Concen: 19.532 ng
RT: 3.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 79 Resp: 29825

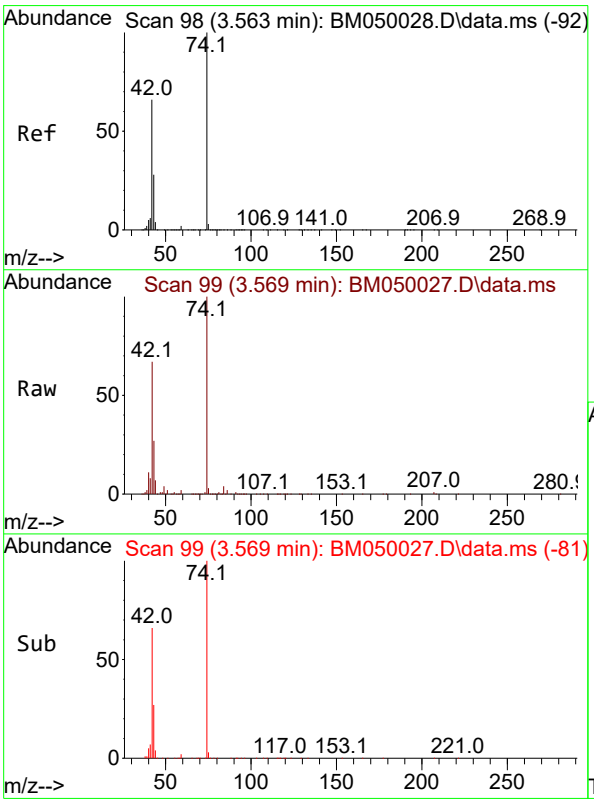
Ion	Ratio	Lower	Upper
79	100		
52	61.8	48.6	72.8
51	32.1	24.6	37.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

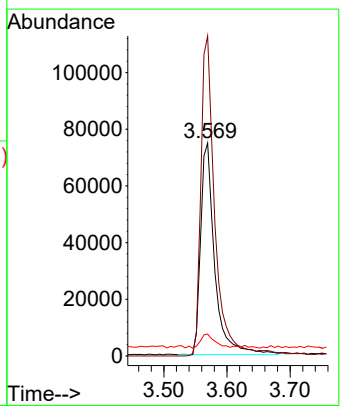
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

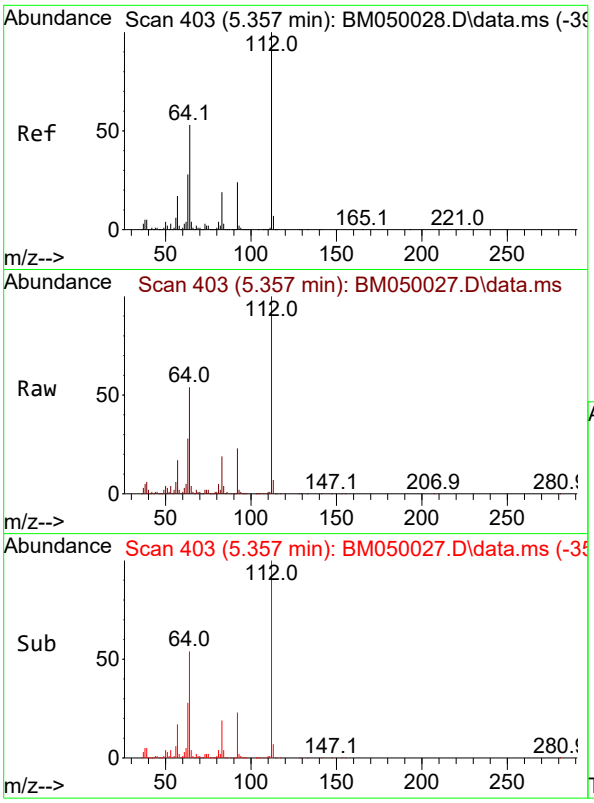


#4
n-Nitrosodimethylamine
Concen: 19.251 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 42 Resp: 115296

Ion	Ratio	Lower	Upper
42	100		
74	150.3	120.2	180.2
44	10.3	6.2	9.2#

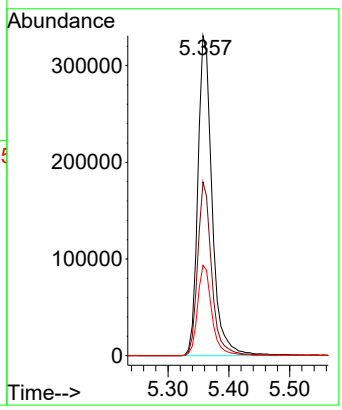




#5
2-Fluorophenol
Concen: 38.777 ng
RT: 5.357 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:112 Resp: 53748

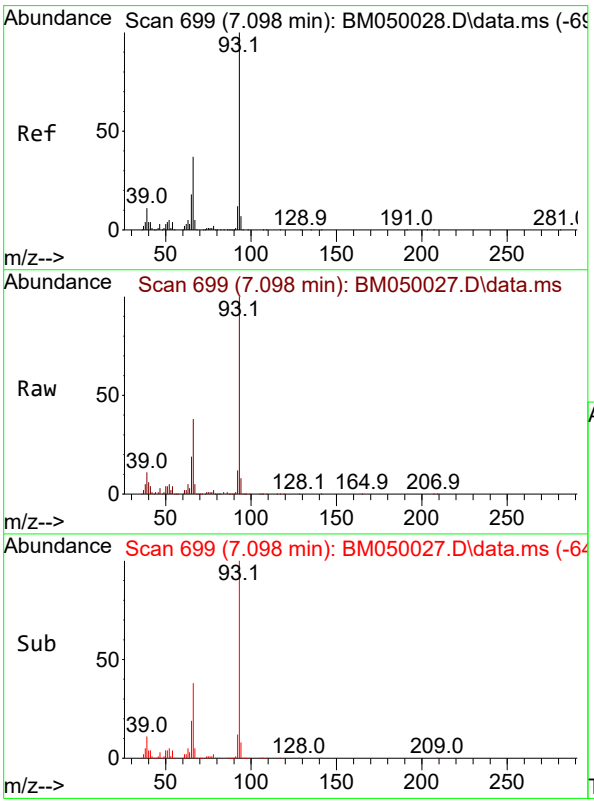
Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.6	64.0
63	28.2	22.2	33.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

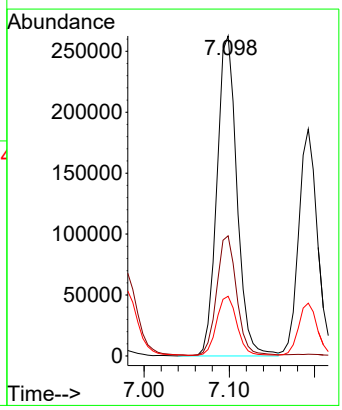
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

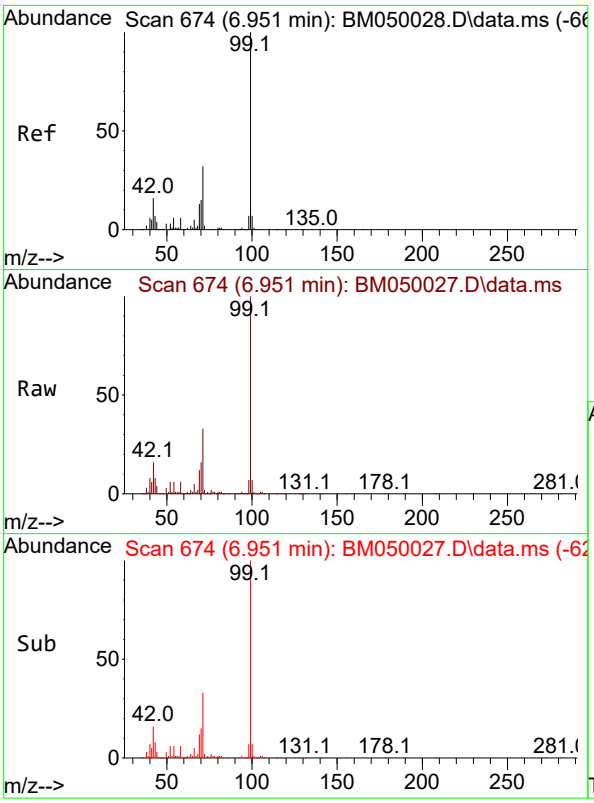


#6
Aniline
Concen: 19.511 ng
RT: 7.098 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 93 Resp: 429222

Ion	Ratio	Lower	Upper
93	100		
66	37.5	29.9	44.9
65	18.7	14.5	21.7

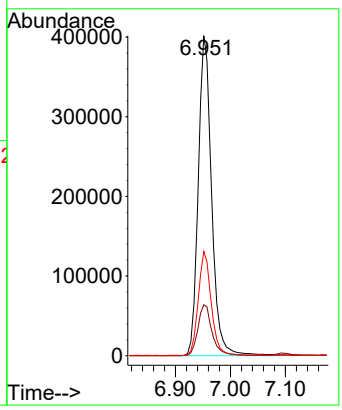




#7
Phenol-d6
Concen: 38.941 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 99 Resp: 67840

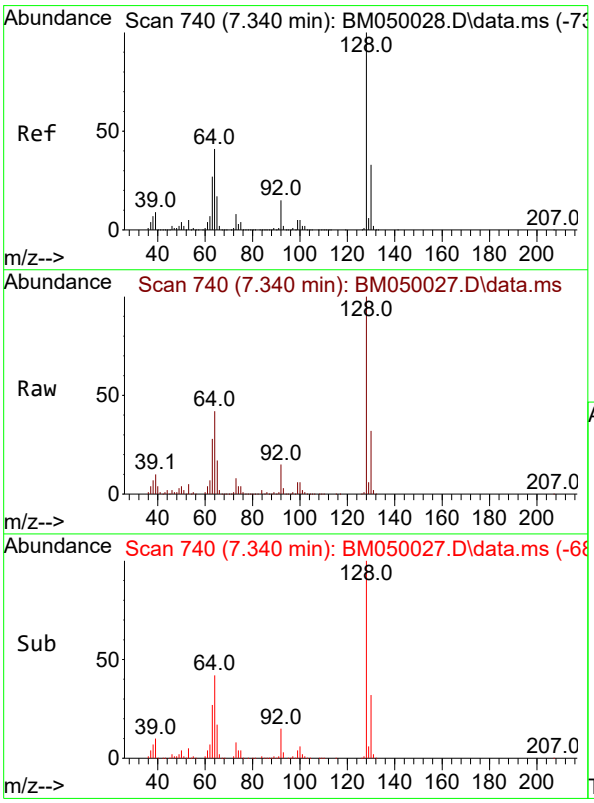
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.0	19.4
71	32.6	25.6	38.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

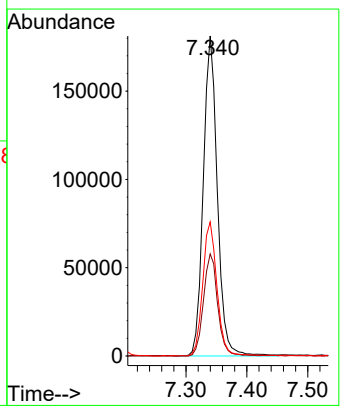
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

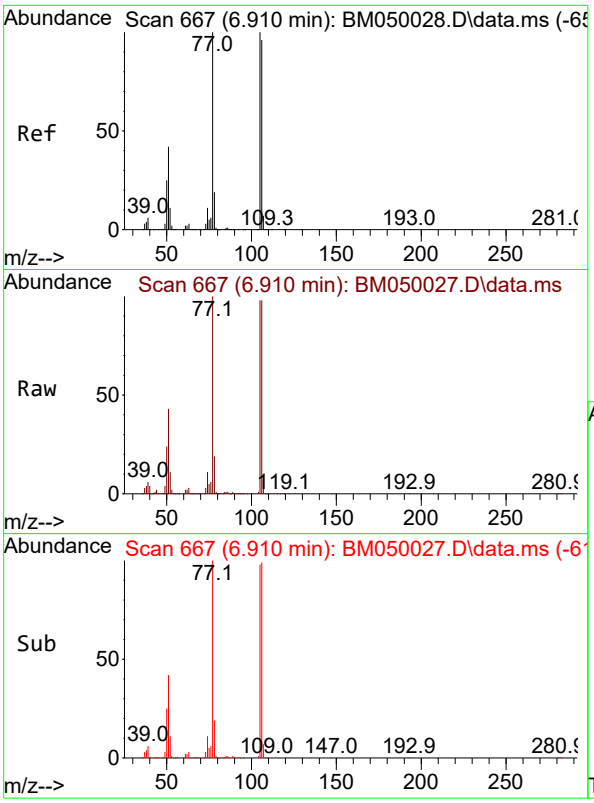


#8
2-Chlorophenol
Concen: 19.409 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:128 Resp: 290876

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.8	52.8
64	41.9	21.2	61.2

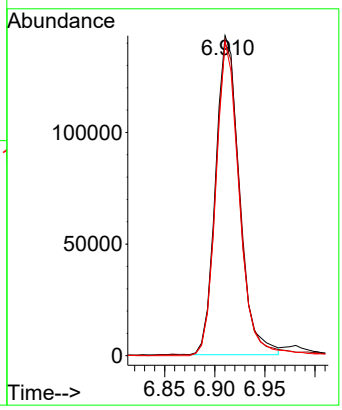




#9
Benzaldehyde
Concen: 20.233 ng
RT: 6.910 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 77 Resp: 23559

Ion	Ratio	Lower	Upper
77	100		
105	97.9	80.5	120.5
106	98.3	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
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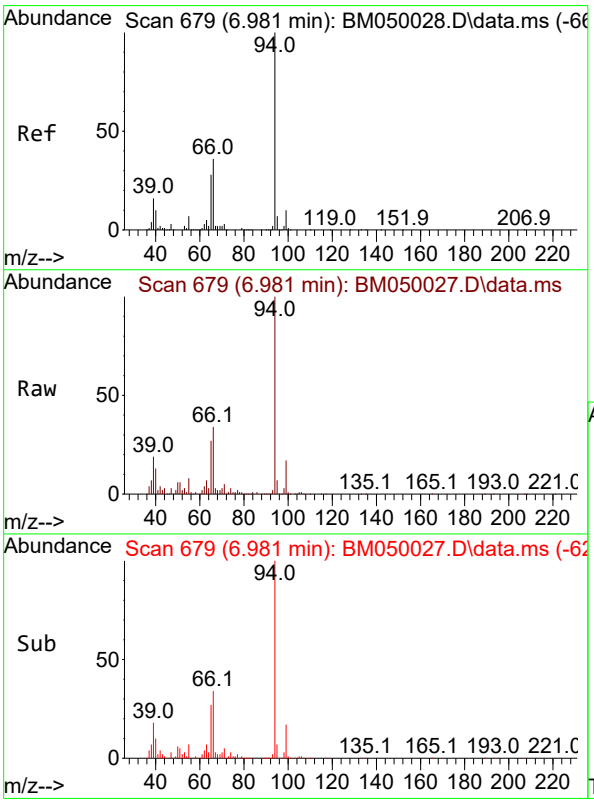
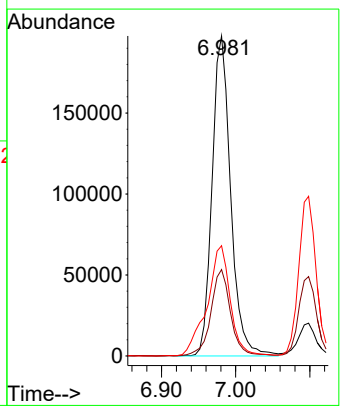
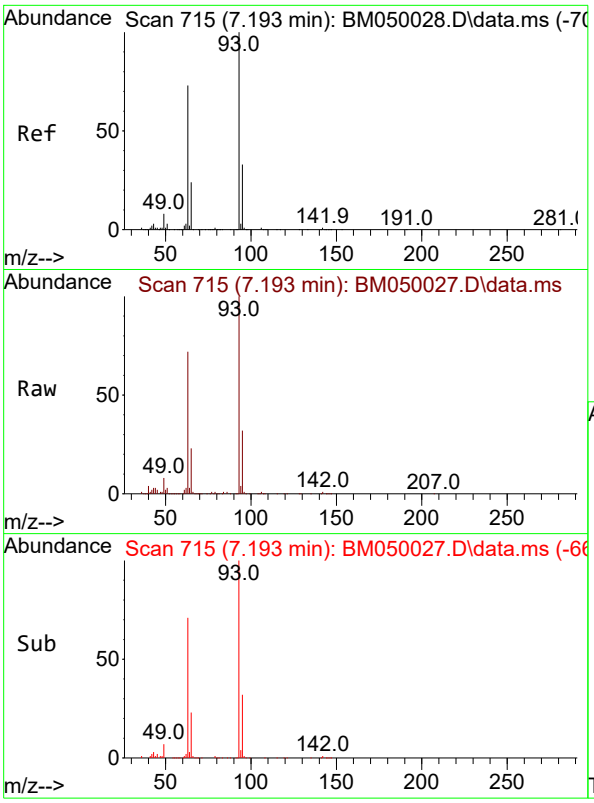


#10
Phenol
Concen: 19.537 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 94 Resp: 344567

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.6	47.6
66	34.4	15.8	55.8

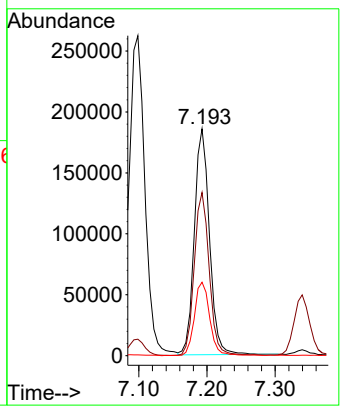




#11
bis(2-Chloroethyl)ether
Concen: 19.375 ng
RT: 7.193 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 93 Resp: 28533

Ion	Ratio	Lower	Upper
93	100		
63	71.9	52.3	92.3
95	32.4	12.8	52.8



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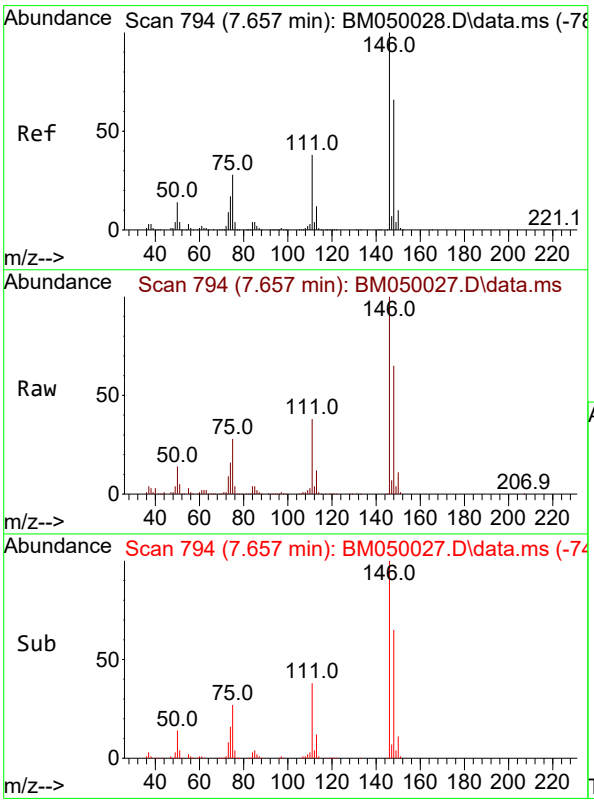
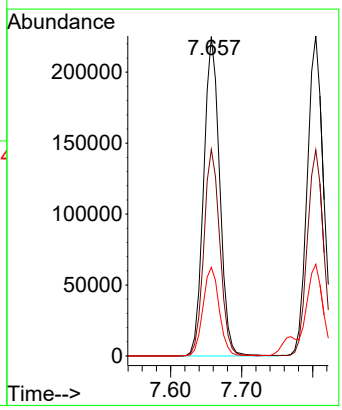
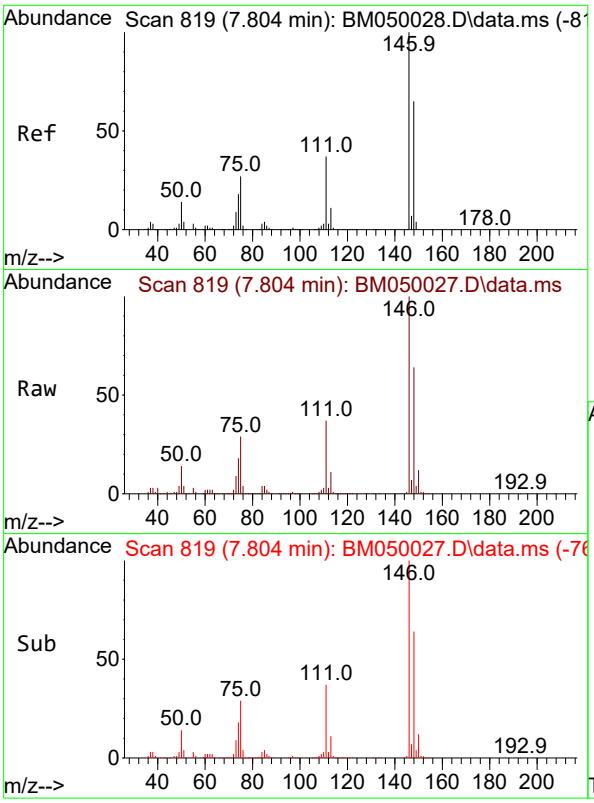


#12
1,3-Dichlorobenzene
Concen: 19.480 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:146 Resp: 352660

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.5	78.7
75	27.8	22.6	34.0

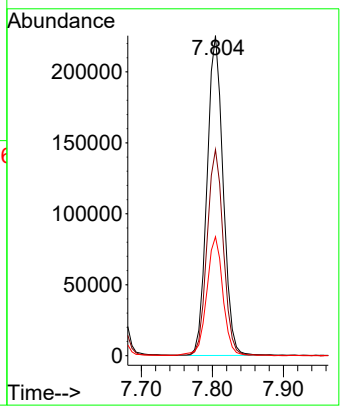




#13
1,4-Dichlorobenzene
Concen: 19.518 ng
RT: 7.804 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:146 Resp: 35497

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	37.2	29.3	43.9



Instrument :
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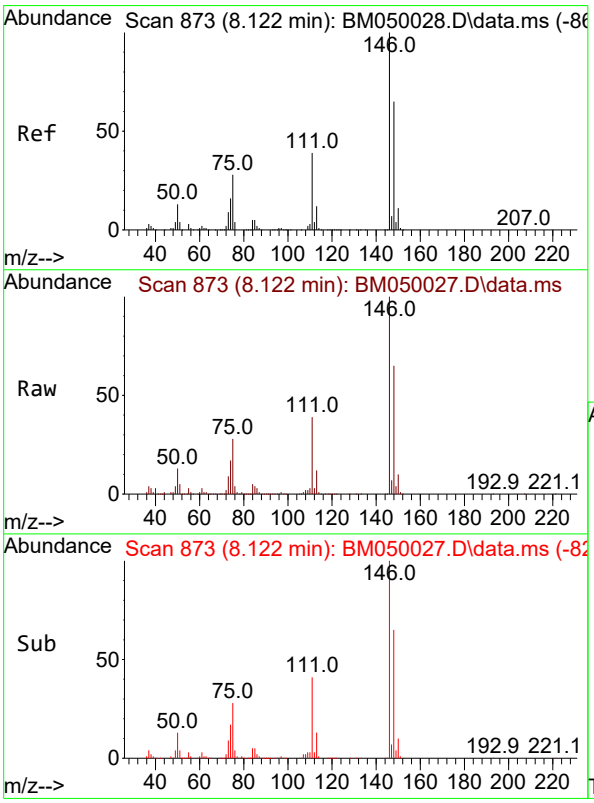
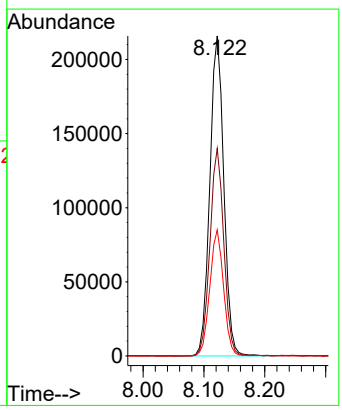
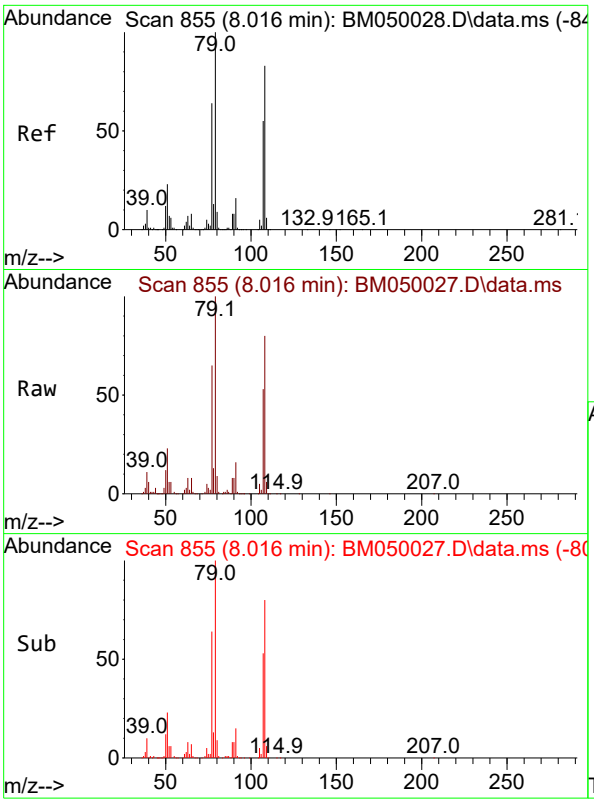


#14
1,2-Dichlorobenzene
Concen: 19.660 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:146 Resp: 345385

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.4	78.6
111	39.4	31.0	46.6

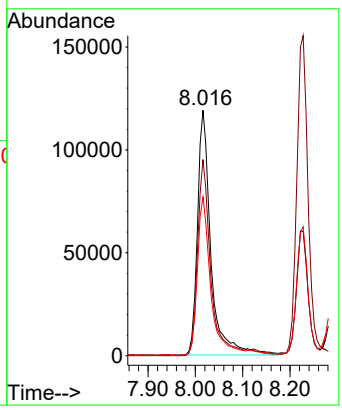




#15
Benzyl Alcohol
Concen: 19.413 ng
RT: 8.016 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 79 Resp: 23454

Ion	Ratio	Lower	Upper
79	100		
108	79.9	66.0	99.0
77	64.6	51.6	77.4



Instrument :
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ClientSampleId :
SSTDICC020

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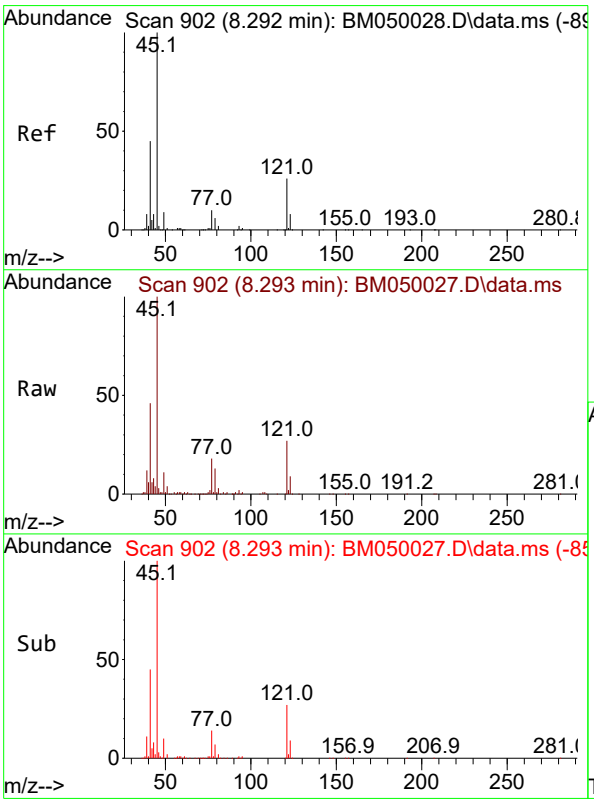
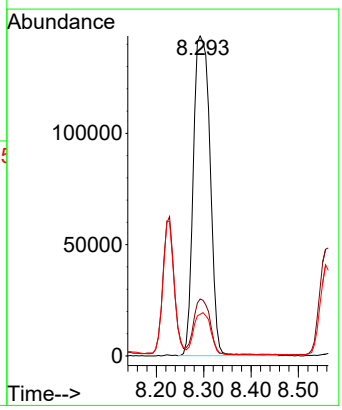
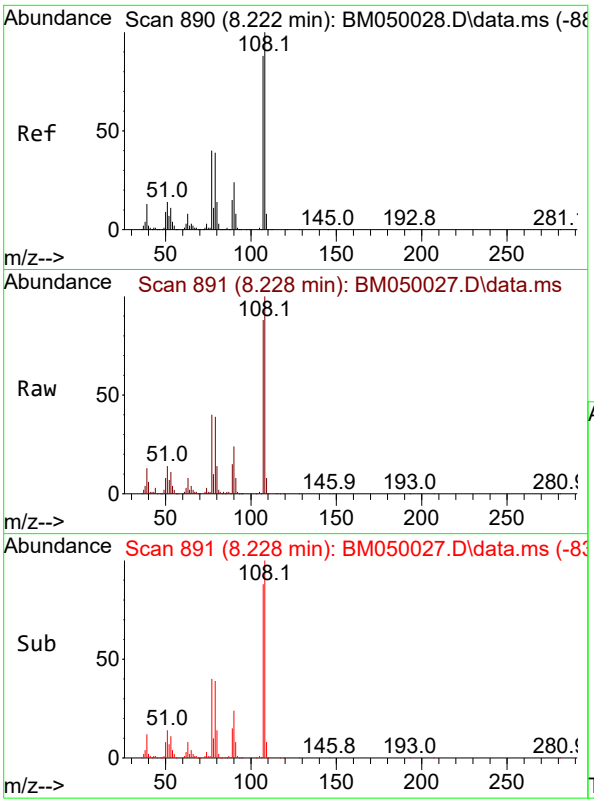


#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.598 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 45 Resp: 350829

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	36.4
79	13.0	0.0	32.7

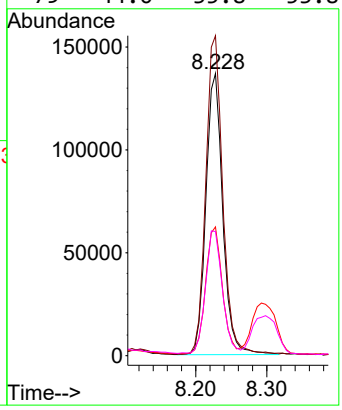




#17
2-Methylphenol
Concen: 19.450 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:107 Resp: 22597

Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.1	136.7
77	45.7	36.2	54.4
79	44.0	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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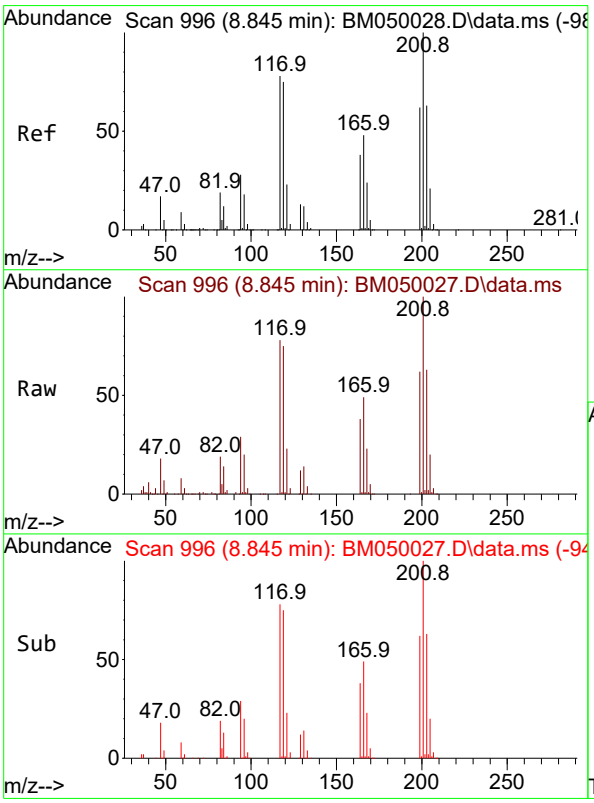
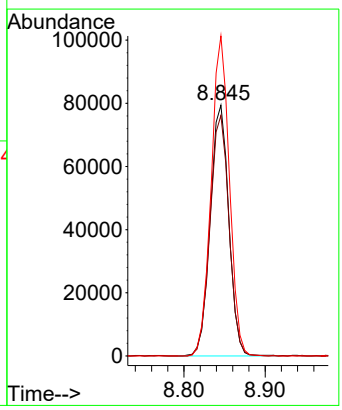
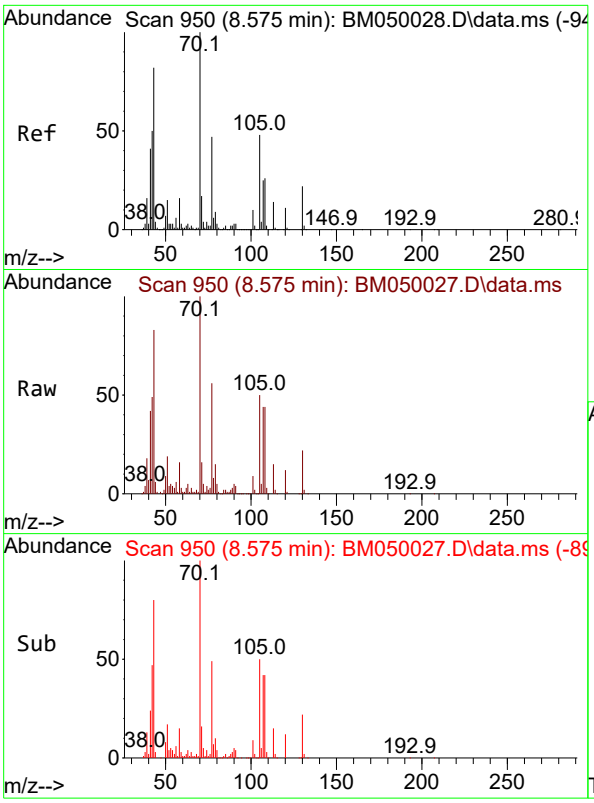


#18
Hexachloroethane
Concen: 19.571 ng
RT: 8.845 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:117 Resp: 126530

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.3	115.9
201	127.6	102.8	154.2

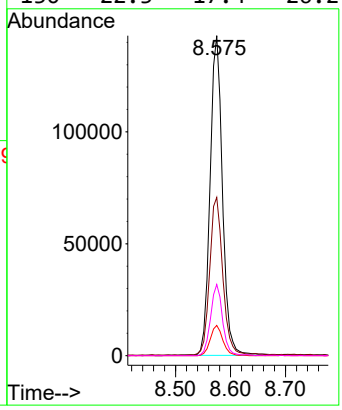




#19
n-Nitroso-di-n-propylamine
Concen: 20.006 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 70 Resp: 22353

Ion	Ratio	Lower	Upper
70	100		
42	49.5	40.5	60.7
101	9.5	7.8	11.6
130	22.3	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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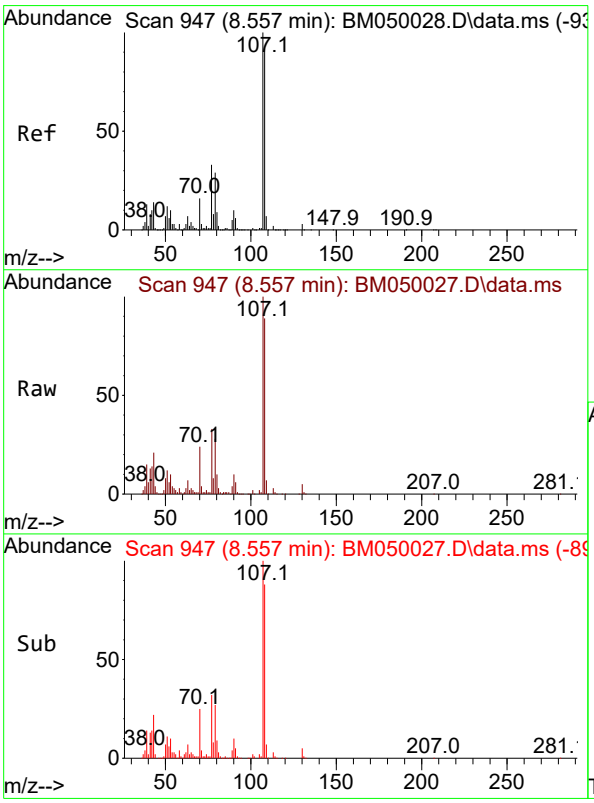
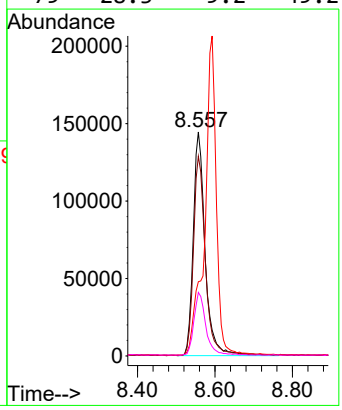
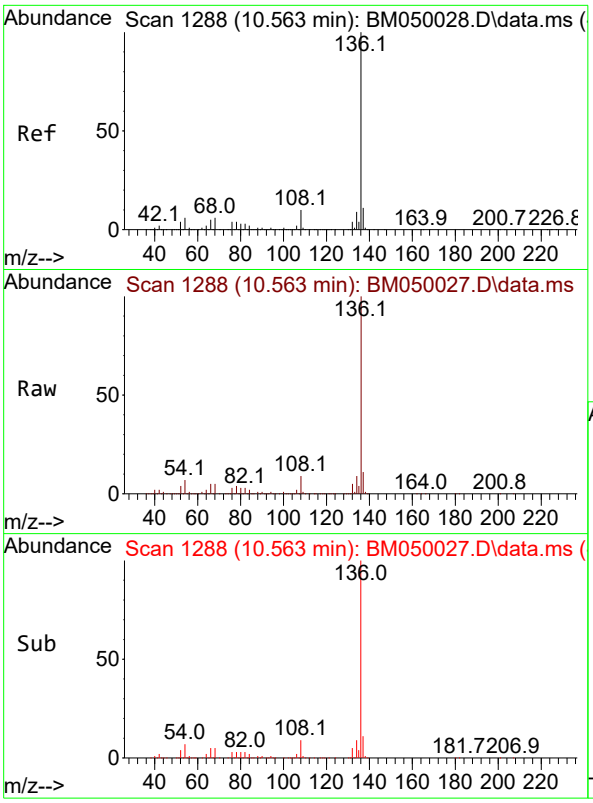


#20
3+4-Methylphenols
Concen: 19.604 ng
RT: 8.557 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:107 Resp: 307585

Ion	Ratio	Lower	Upper
107	100		
108	89.1	72.4	112.4
77	33.1	13.6	53.6
79	28.3	9.2	49.2

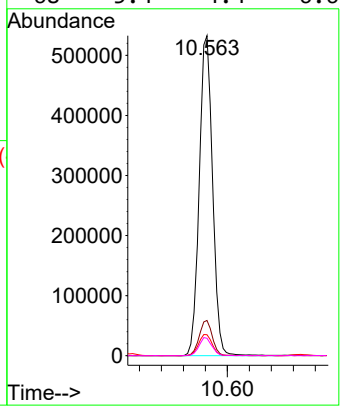




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:136 Resp: 89636

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	5.1	7.7
68	5.4	4.4	6.6



Instrument :
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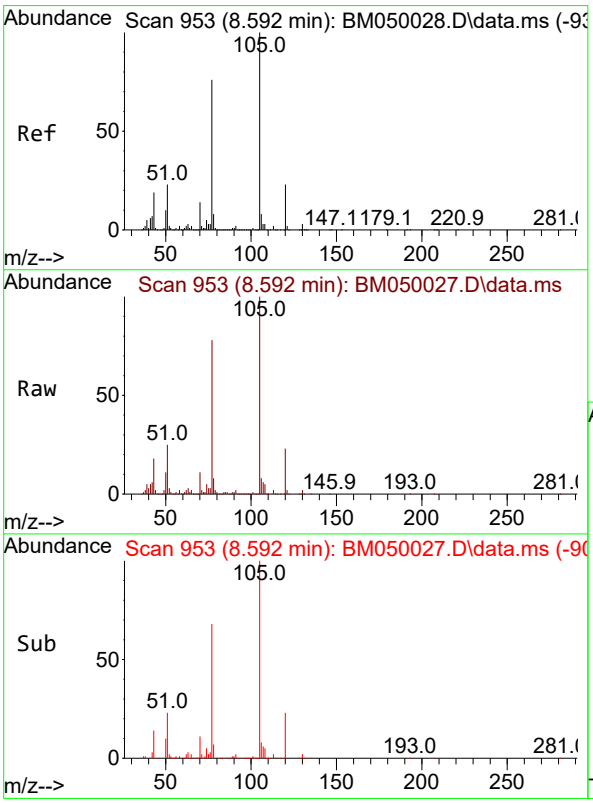
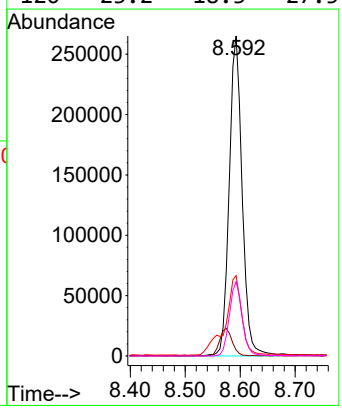
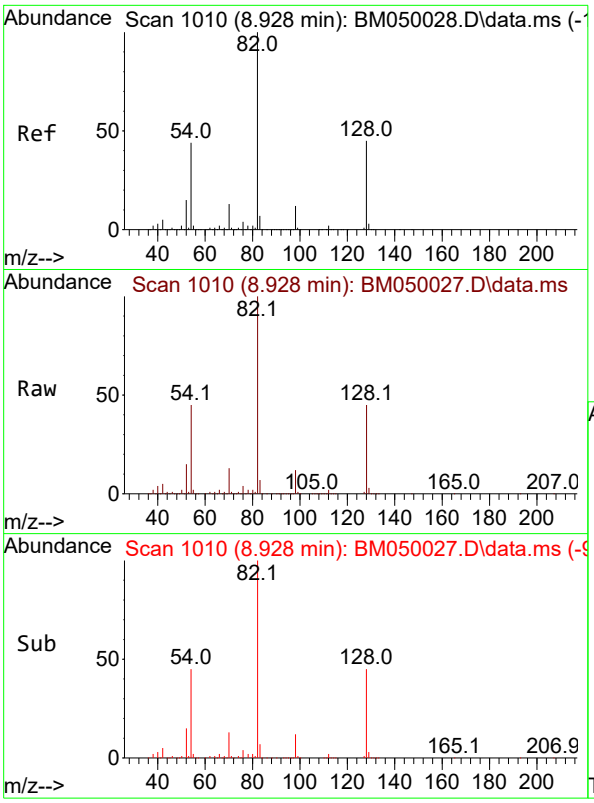


#22
Acetophenone
Concen: 19.499 ng
RT: 8.592 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:105 Resp: 434539

Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.7	2.5
51	25.1	18.6	27.8
120	23.2	18.3	27.5

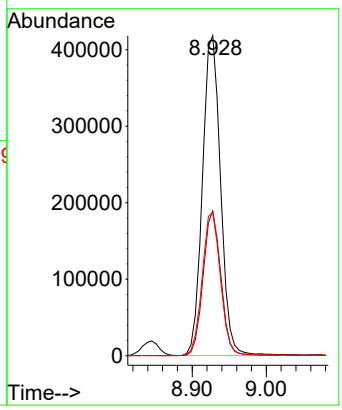




#23
Nitrobenzene-d5
Concen: 39.151 ng
RT: 8.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 82 Resp: 71217

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	44.8	35.4	53.2



Instrument :
BNA_M
ClientSampleId :
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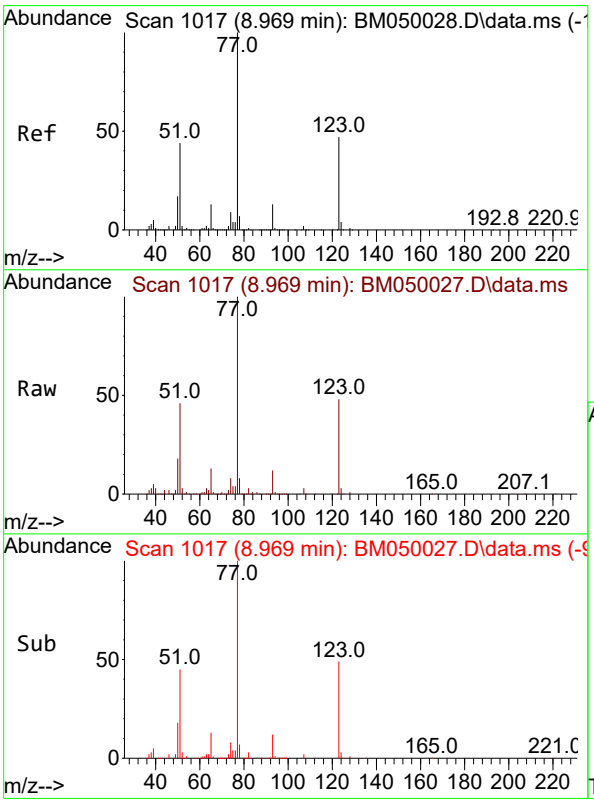
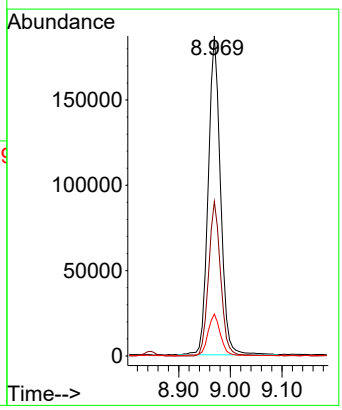
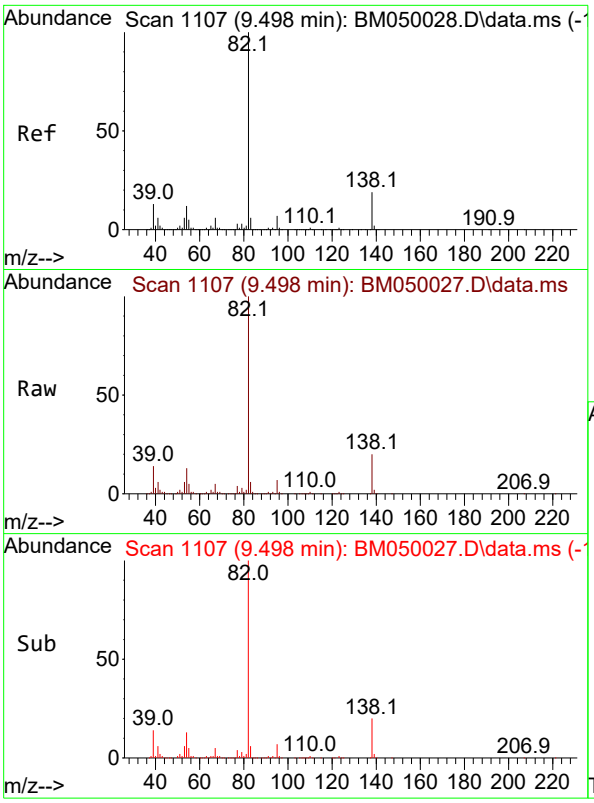


#24
Nitrobenzene
Concen: 19.667 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 77 Resp: 309341

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.9	56.9
65	13.1	10.1	15.1

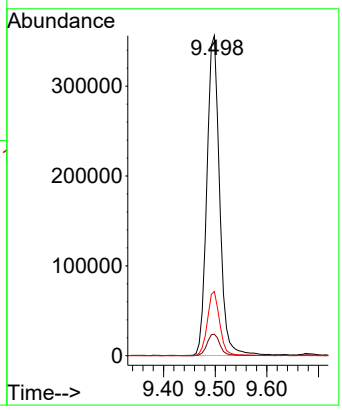




#25
Isophorone
Concen: 19.648 ng
RT: 9.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 82 Resp: 60925

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	20.1	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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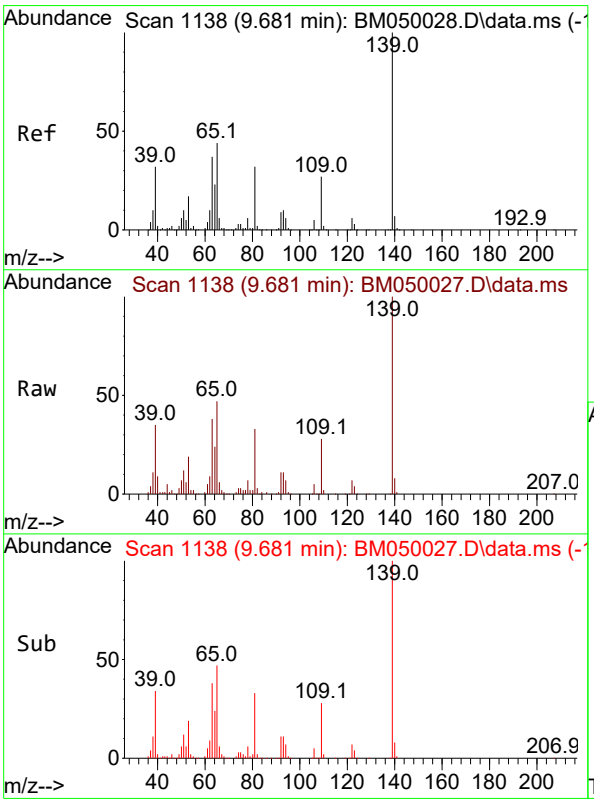
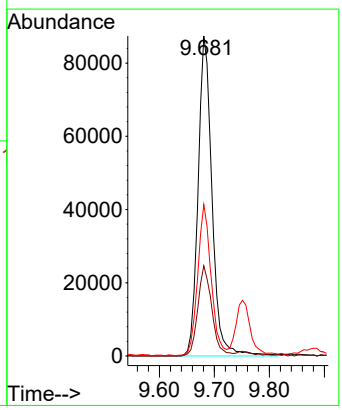
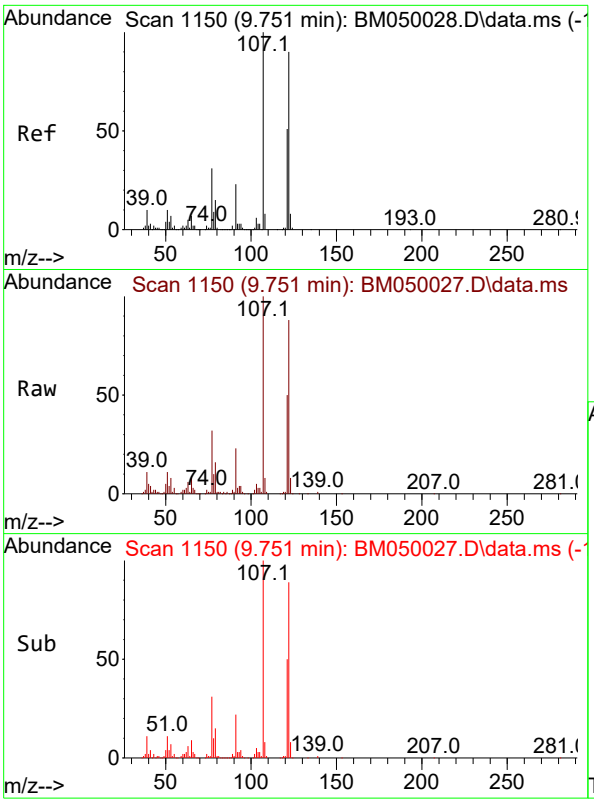


#26
2-Nitrophenol
Concen: 19.211 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:139 Resp: 154364

Ion	Ratio	Lower	Upper
139	100		
109	28.2	21.9	32.9
65	47.3	35.4	53.2

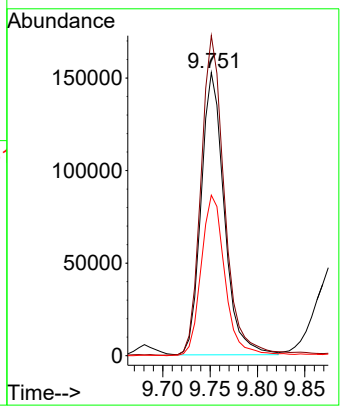




#27
2,4-Dimethylphenol
Concen: 19.460 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:122 Resp: 25931

Ion	Ratio	Lower	Upper
122	100		
107	113.1	89.0	133.6
121	56.7	45.6	68.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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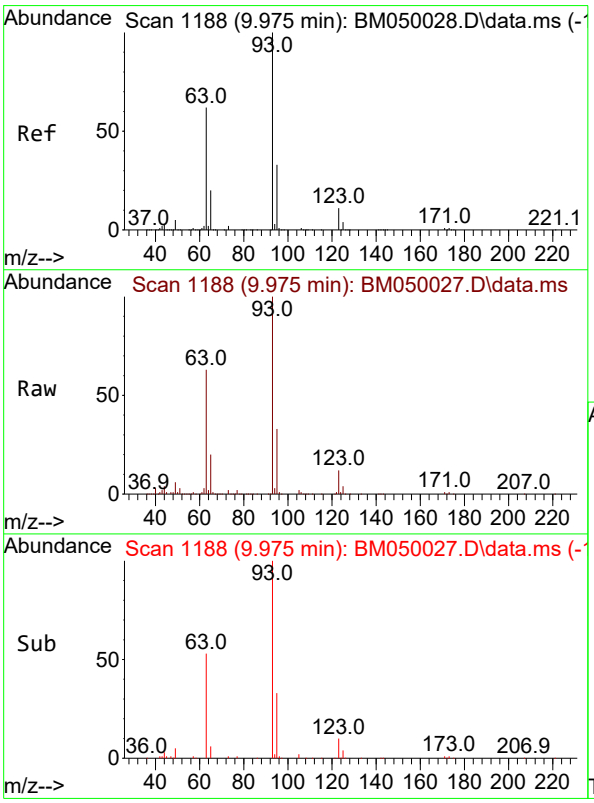
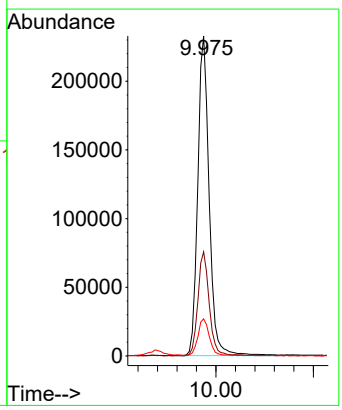
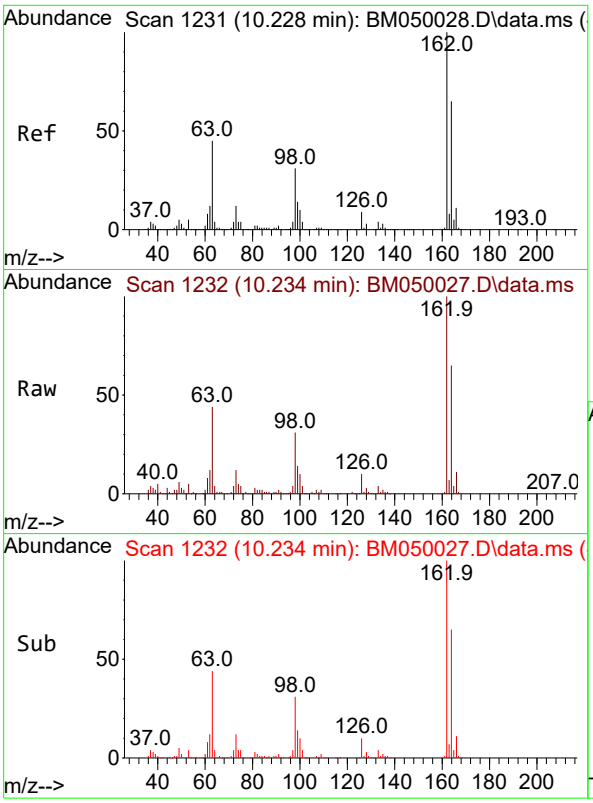


#28
bis(2-Chloroethoxy)methane
Concen: 19.732 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 93 Resp: 378162

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.1	39.1
123	11.6	9.5	14.3

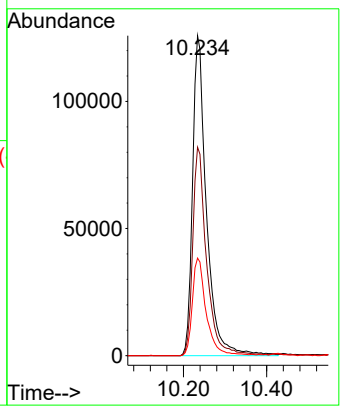




#29
2,4-Dichlorophenol
Concen: 19.582 ng
RT: 10.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:162 Resp: 29233

Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.4	85.4
98	30.5	11.3	51.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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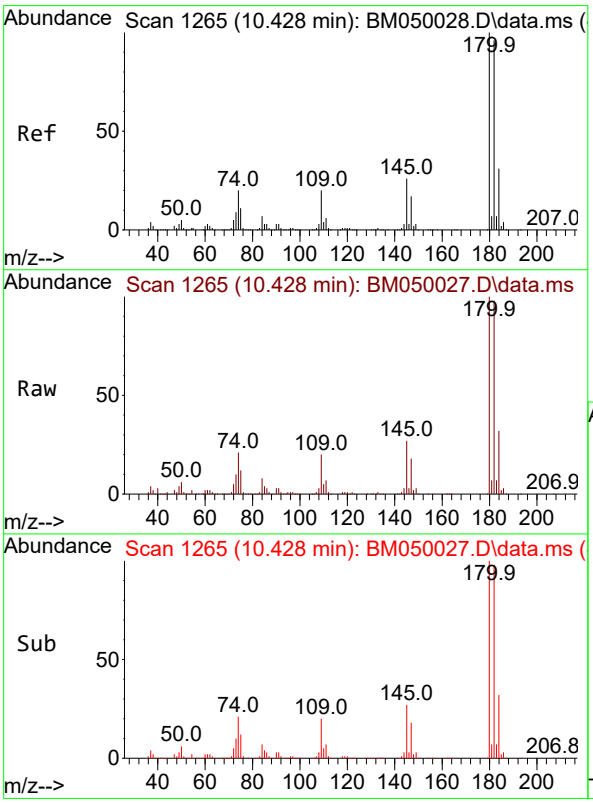
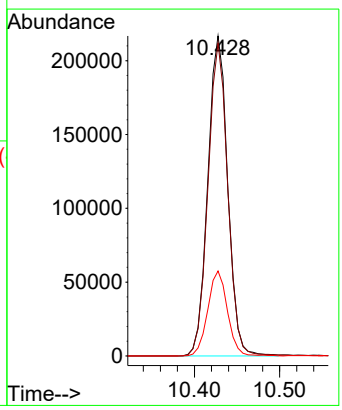
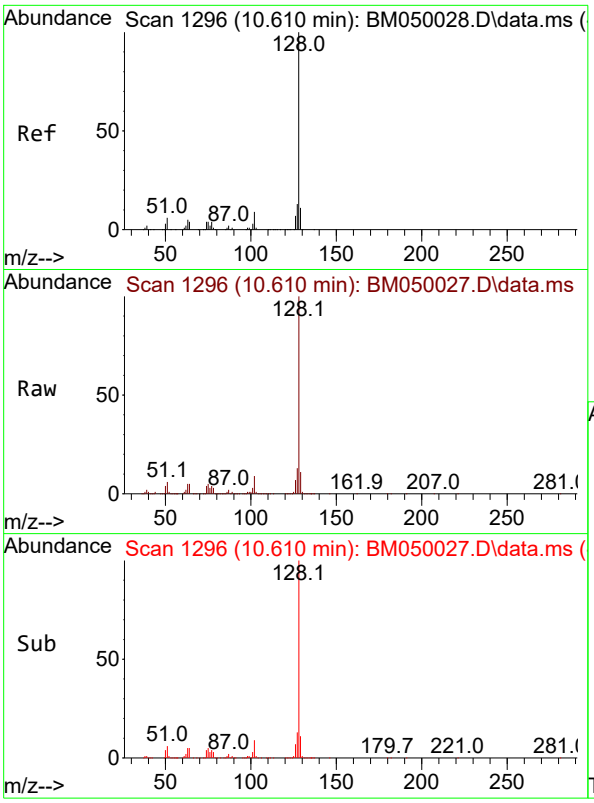


#30
1,2,4-Trichlorobenzene
Concen: 19.397 ng
RT: 10.428 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:180 Resp: 352792

Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.0	115.4
145	26.6	20.6	30.8

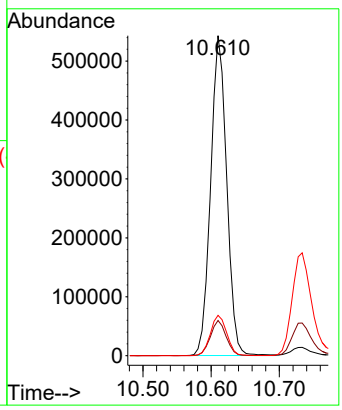




#31
Naphthalene
Concen: 19.618 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:128 Resp: 89053

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.6	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
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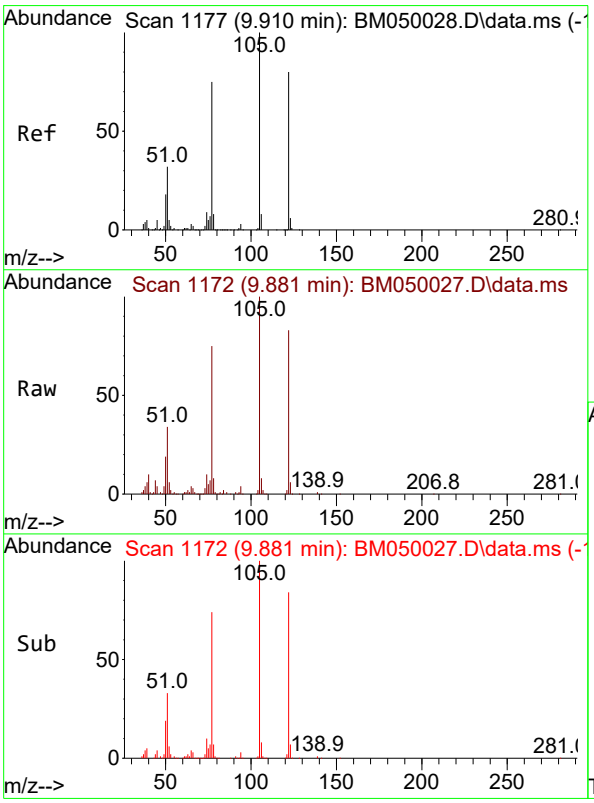
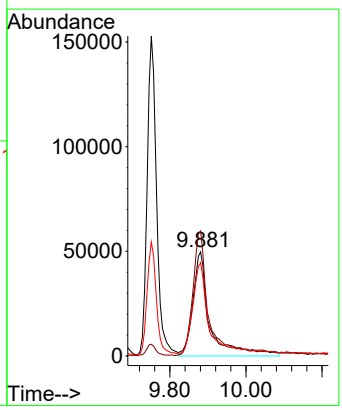
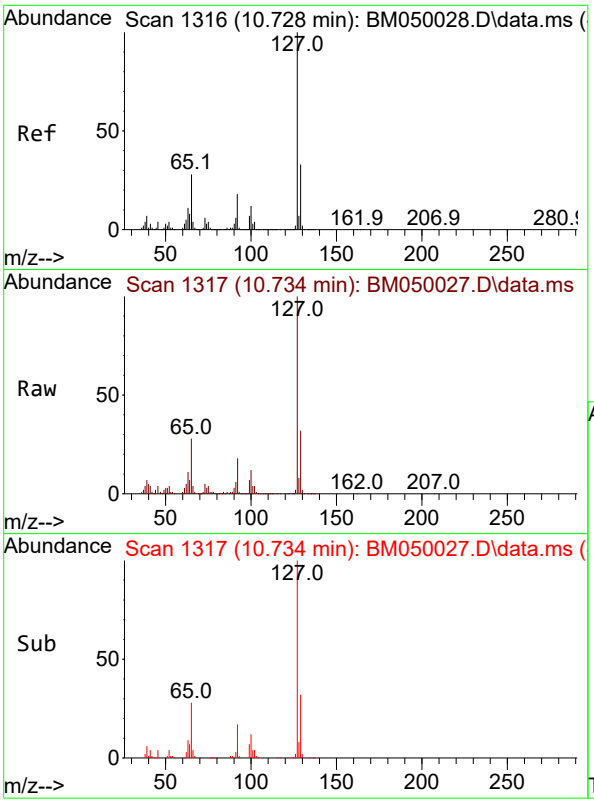


#32
Benzoic acid
Concen: 18.168 ng m
RT: 9.881 min Scan# 1172
Delta R.T. -0.029 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:122 Resp: 154412

Ion	Ratio	Lower	Upper
122	100		
105	120.1	103.6	143.6
77	89.7	73.7	113.7

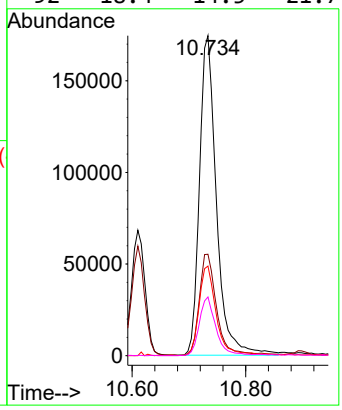




#33
4-Chloroaniline
Concen: 19.475 ng
RT: 10.734 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:127 Resp: 36236

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	28.0	22.5	33.7
92	18.4	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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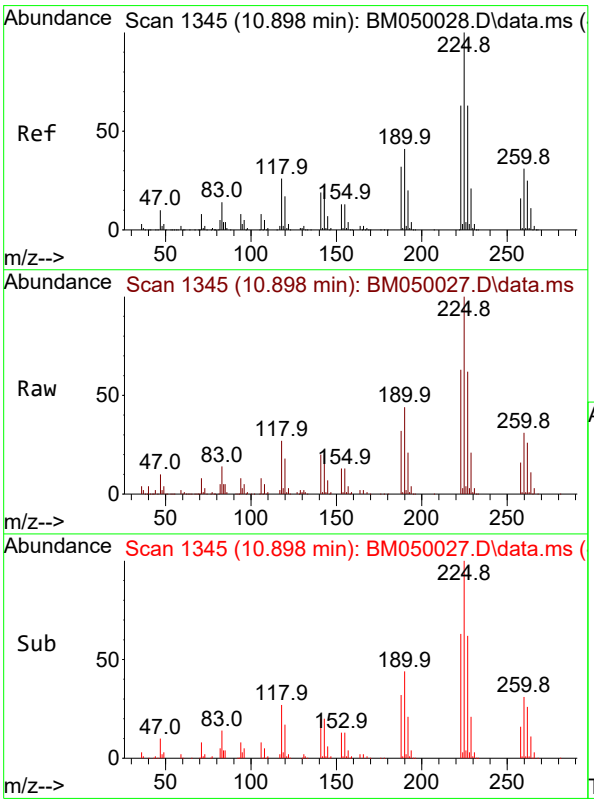
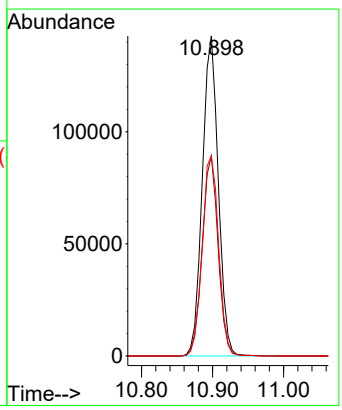
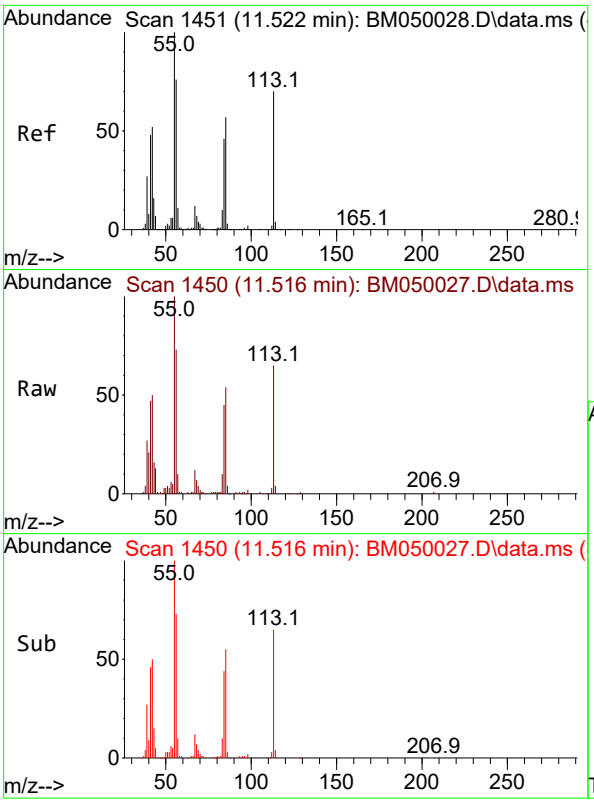


#34
Hexachlorobutadiene
Concen: 19.327 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:225 Resp: 223143

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	62.4	50.6	76.0





#35
Caprolactam
Concen: 19.509 ng
RT: 11.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:113 Resp: 8491

Ion	Ratio	Lower	Upper
113	100		
55	154.8	122.9	162.9
56	112.6	88.1	128.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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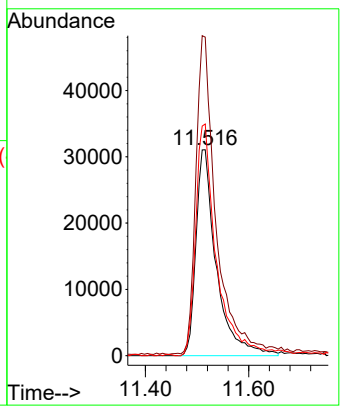
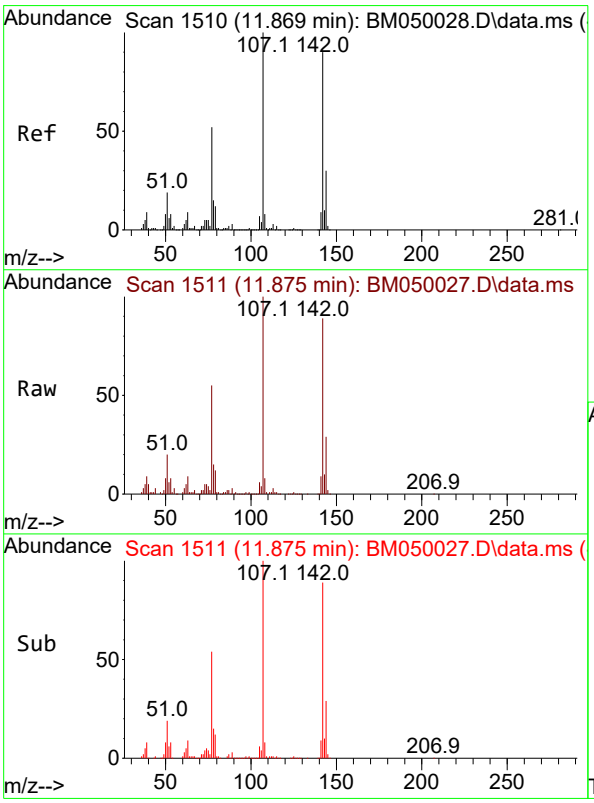
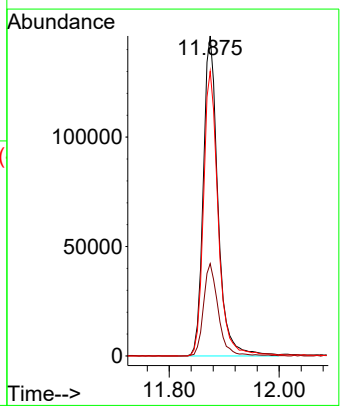


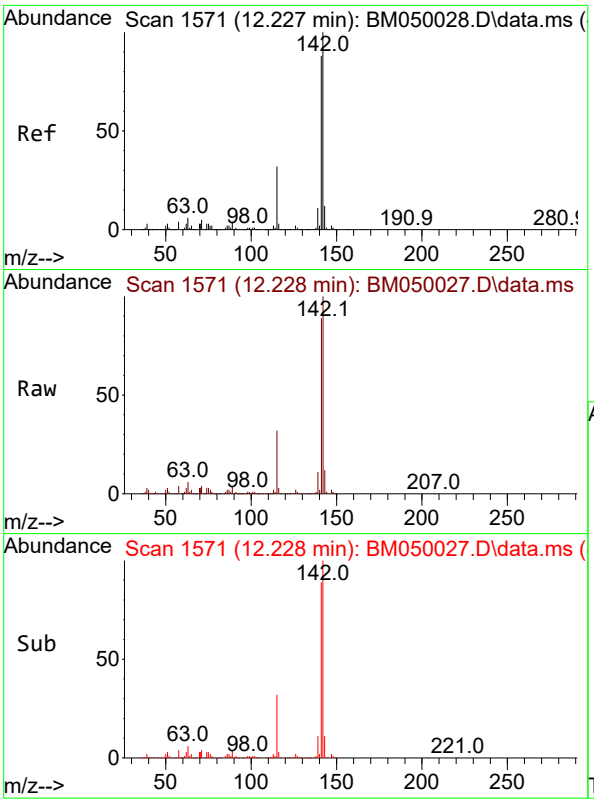


#36
4-Chloro-3-methylphenol
Concen: 19.613 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:107 Resp: 270510

Ion	Ratio	Lower	Upper
107	100		
144	28.8	23.8	35.6
142	89.0	71.9	107.9

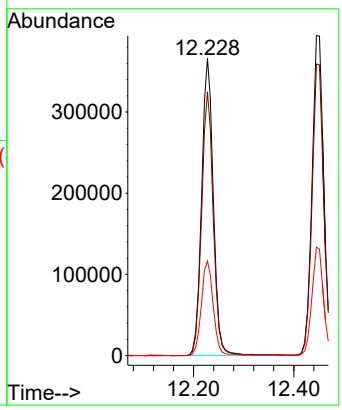




#37
2-Methylnaphthalene
Concen: 19.498 ng
RT: 12.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:142 Resp: 59340

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	31.8	25.4	38.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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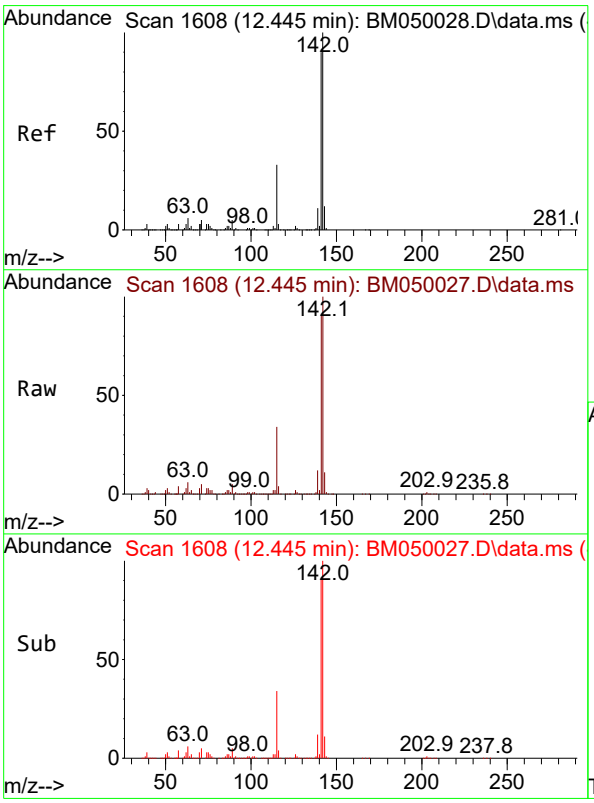
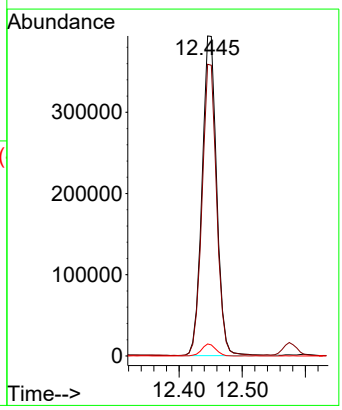
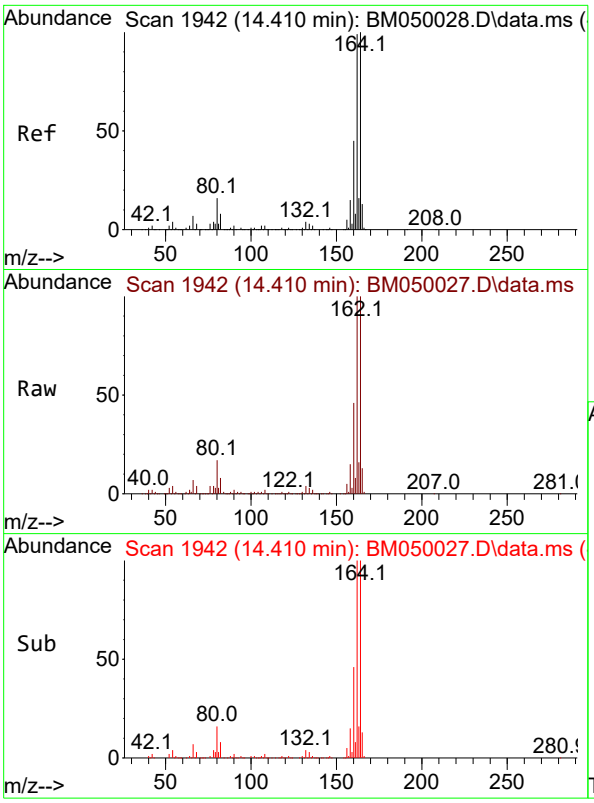


#38
1-Methylnaphthalene
Concen: 19.694 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:142 Resp: 634293

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1
116	3.8	2.7	4.1

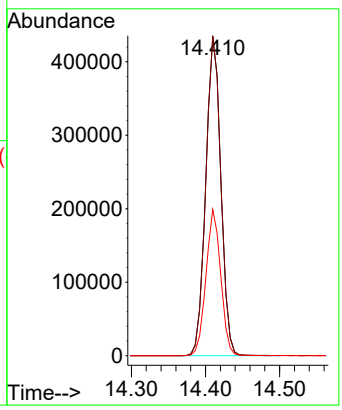




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:164 Resp: 61468

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.4	119.0
160	45.8	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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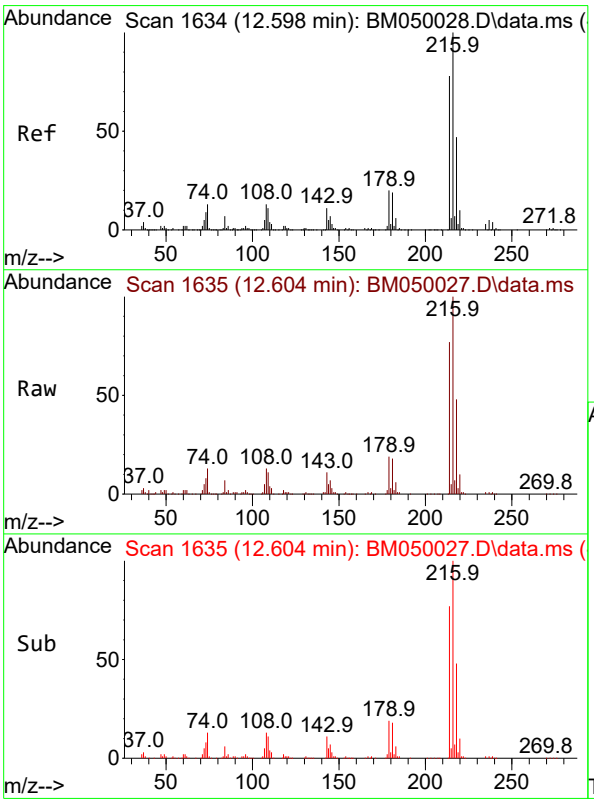
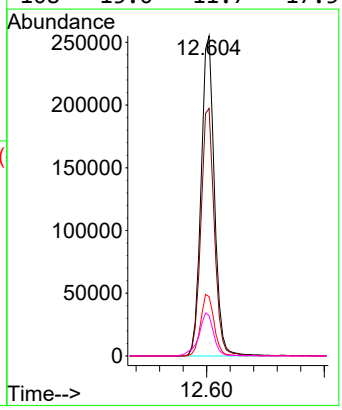
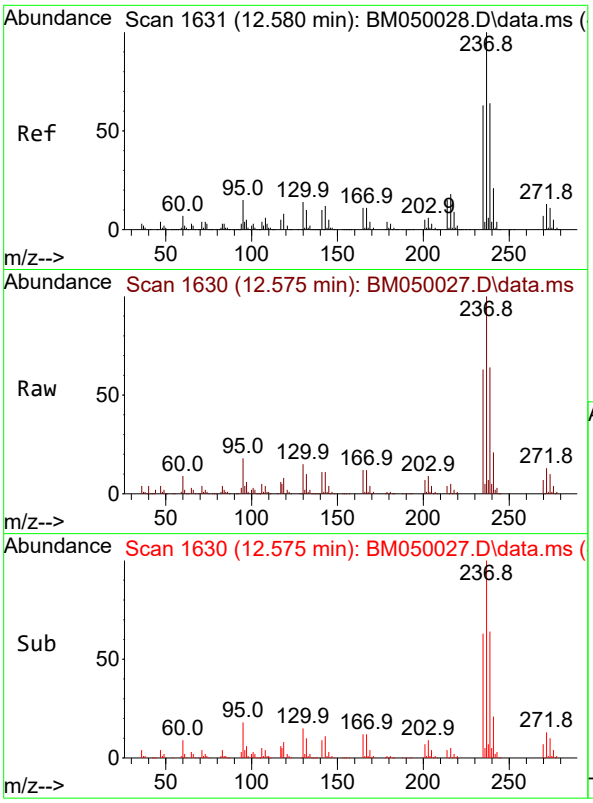


#40
1,2,4,5-Tetrachlorobenzene
Concen: 18.909 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:216 Resp: 402355

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	19.6	15.4	23.0
108	15.0	11.7	17.5





#41
Hexachlorocyclopentadiene
Concen: 17.091 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:237 Resp: 22225

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.9	82.9
272	12.9	0.0	32.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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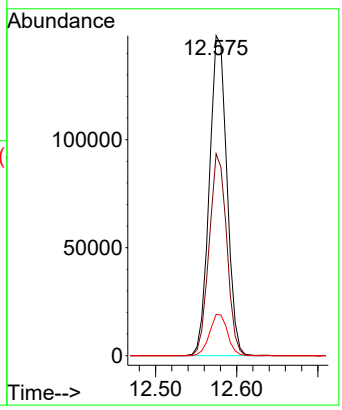
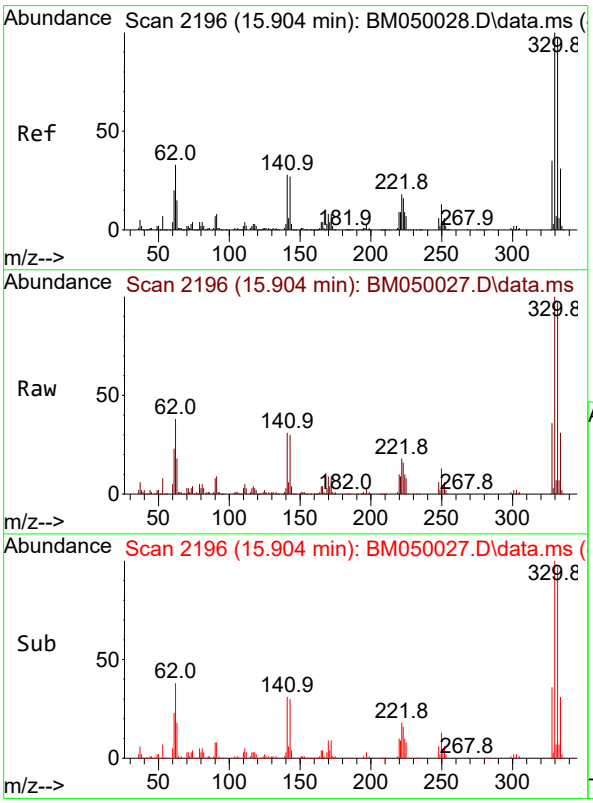
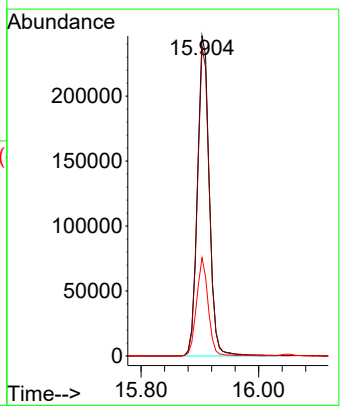


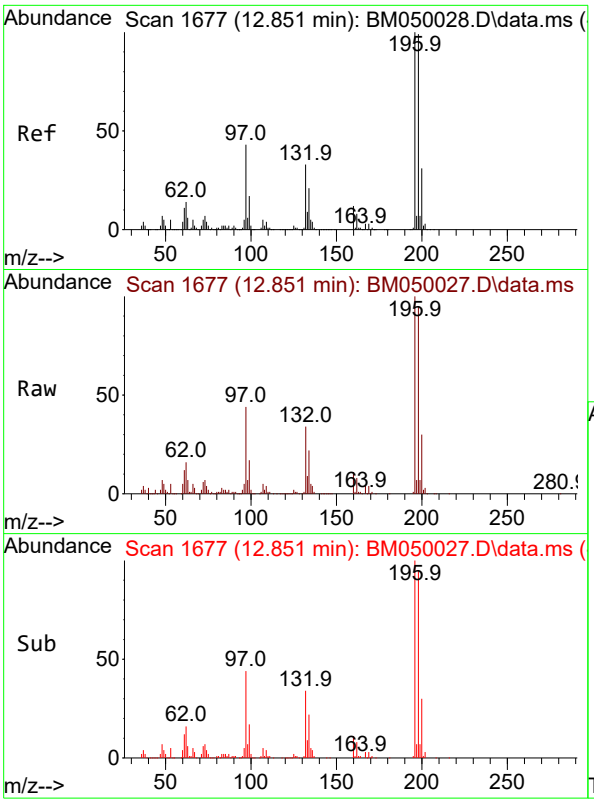


#42
2,4,6-Tribromophenol
Concen: 37.960 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:330 Resp: 345020

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	30.1	22.5	33.7





#43
2,4,6-Trichlorophenol
Concen: 19.276 ng
RT: 12.851 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:196 Resp: 26016

Ion	Ratio	Lower	Upper
196	100		
198	94.8	79.0	118.6
200	30.0	25.1	37.7

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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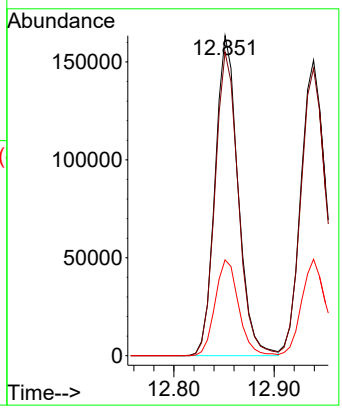
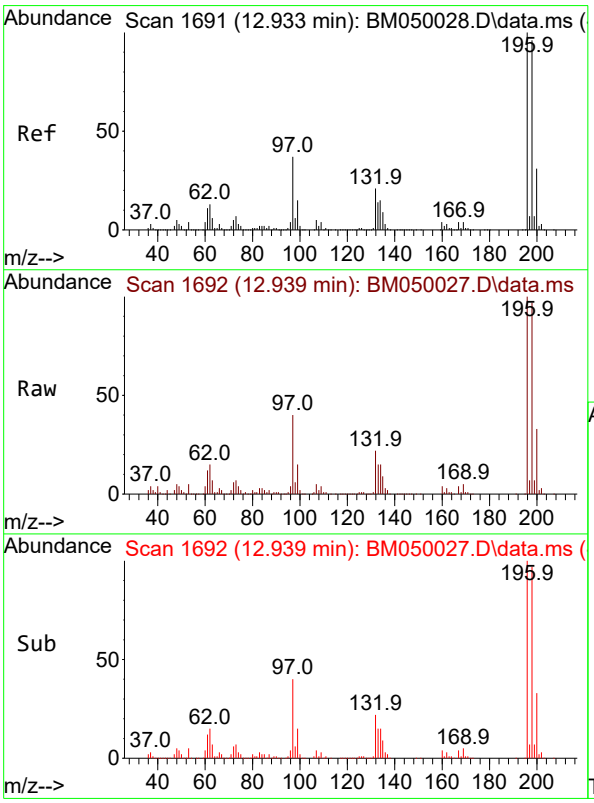
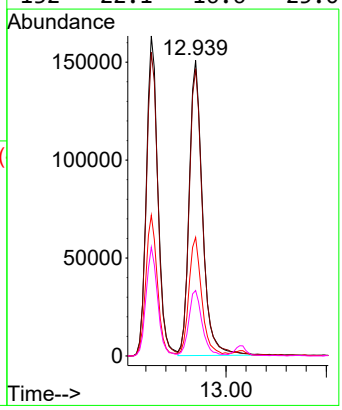


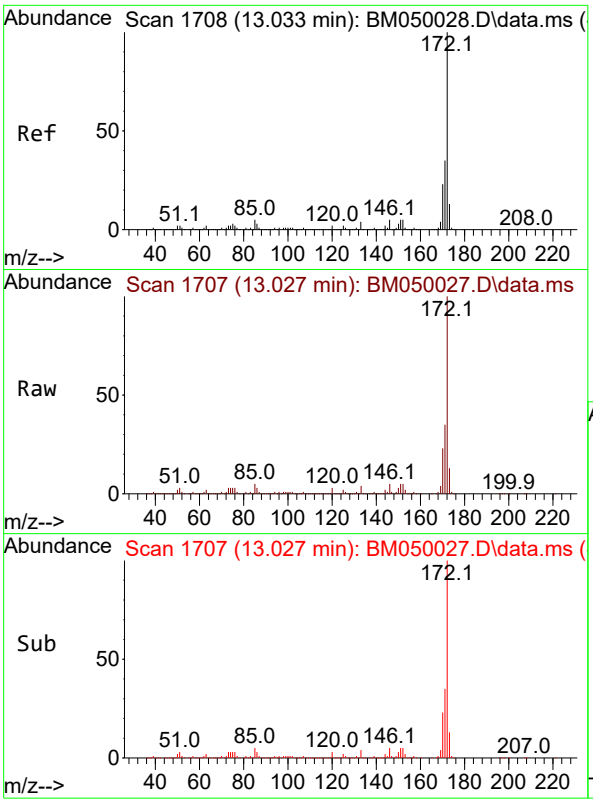


#44
2,4,5-Trichlorophenol
Concen: 19.123 ng
RT: 12.939 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:196 Resp: 278307

Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.7	115.1
97	40.1	30.1	45.1
132	22.1	16.6	25.0

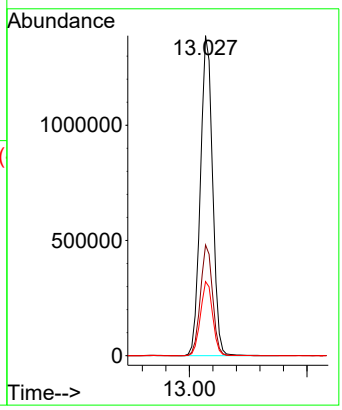




#45
2-Fluorobiphenyl
Concen: 38.602 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:172 Resp: 200578

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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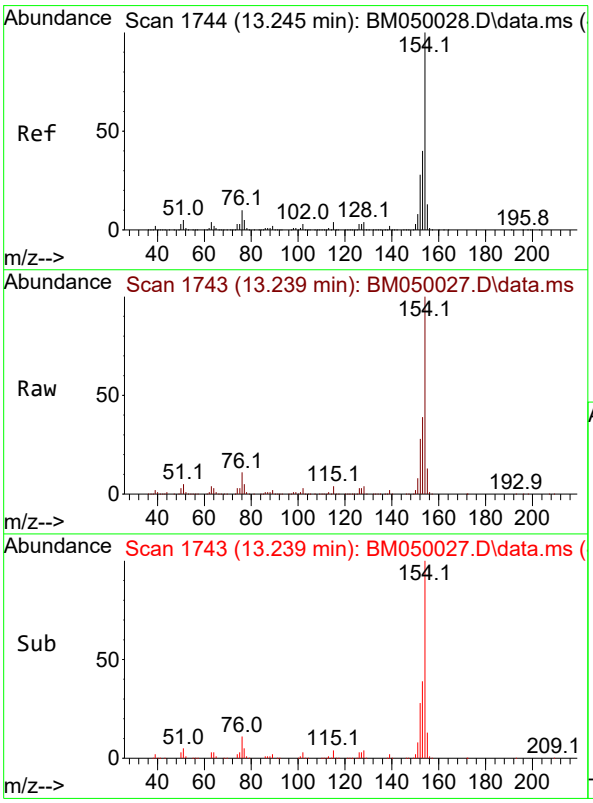
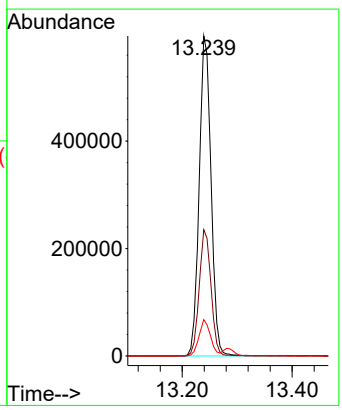
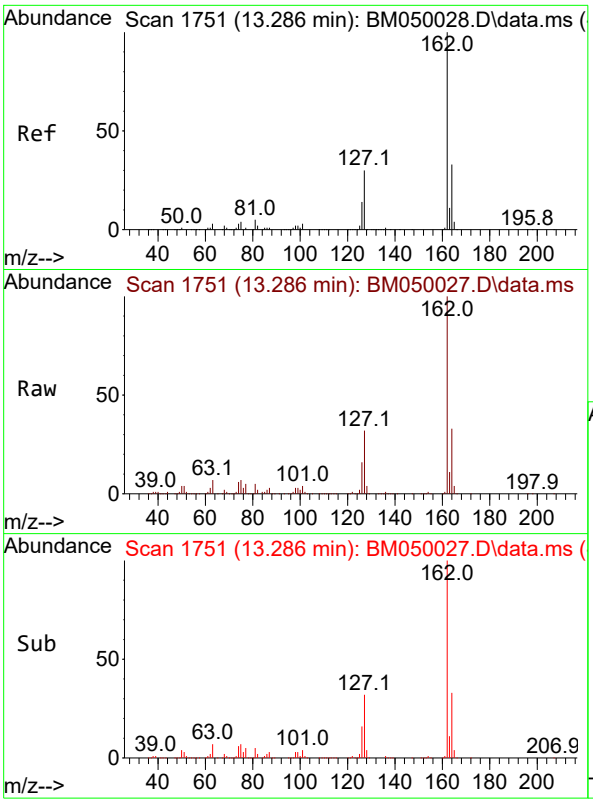


#46
1,1'-Biphenyl
Concen: 19.530 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:154 Resp: 892394

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.0	60.0
76	11.3	0.0	30.3

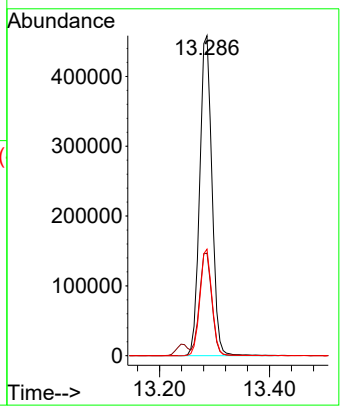




#47
2-Chloronaphthalene
Concen: 19.614 ng
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:162 Resp: 70981

Ion	Ratio	Lower	Upper
162	100		
127	32.0	25.9	38.9
164	33.3	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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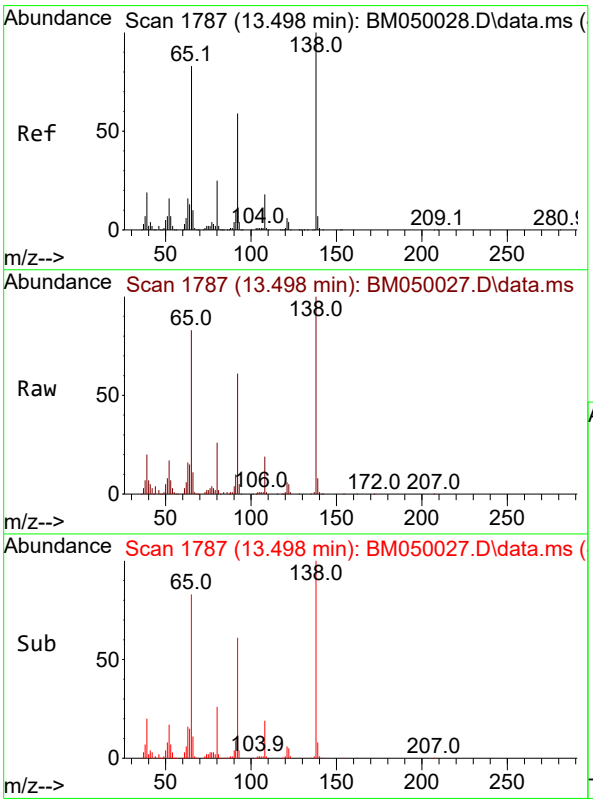
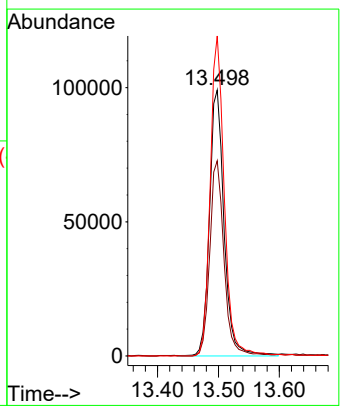
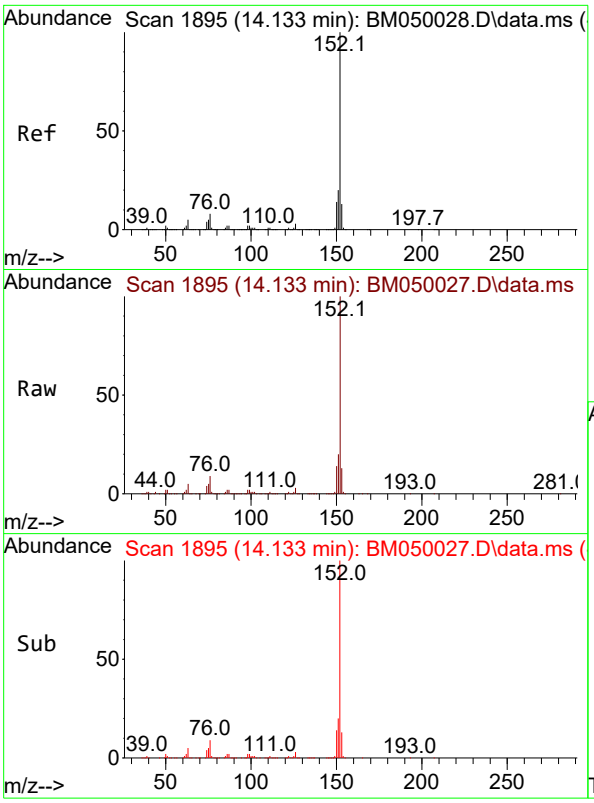


#48
2-Nitroaniline
Concen: 19.465 ng
RT: 13.498 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 65 Resp: 165324

Ion	Ratio	Lower	Upper
65	100		
92	73.4	57.1	85.7
138	120.3	97.0	145.4

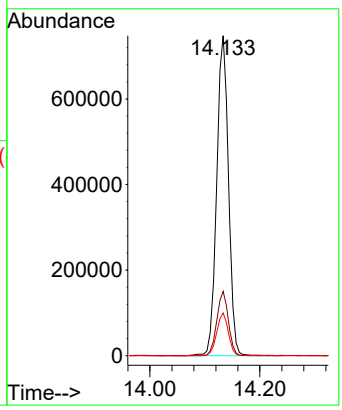




#49
Acenaphthylene
Concen: 19.502 ng
RT: 14.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:152 Resp: 111276

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.3	10.6	15.8



Instrument :
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ClientSampleId :
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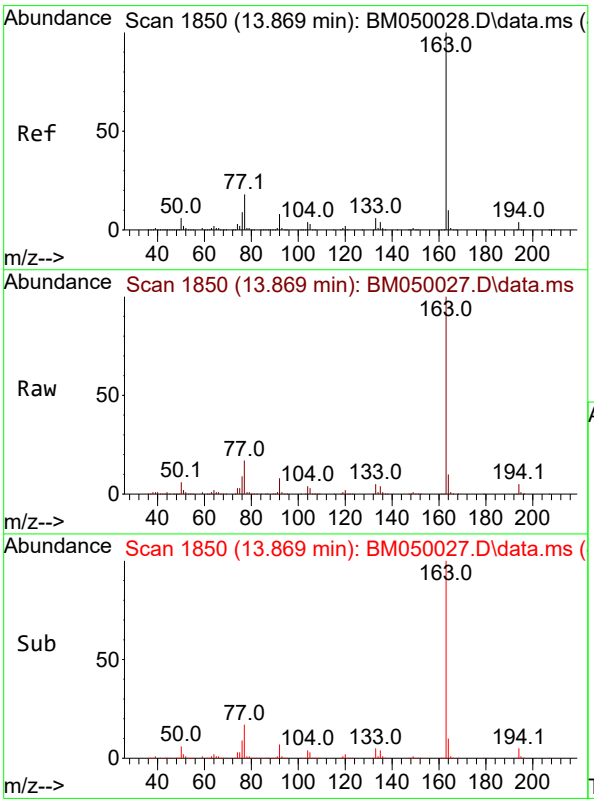
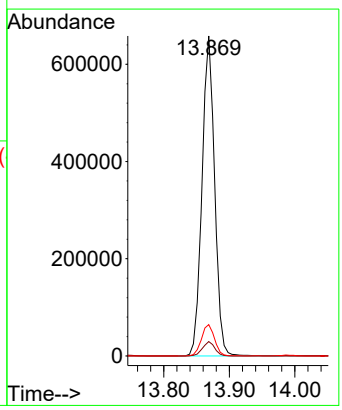
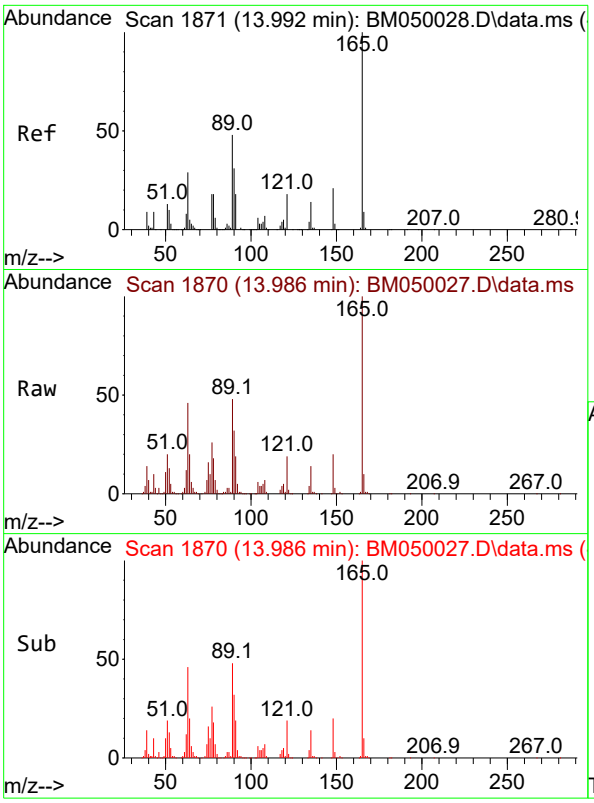


#50
Dimethylphthalate
Concen: 19.659 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:163 Resp: 883120

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.8	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 19.729 ng
RT: 13.986 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:165 Resp: 18349

Ion	Ratio	Lower	Upper
165	100		
63	45.7	35.1	52.7
89	48.1	38.4	57.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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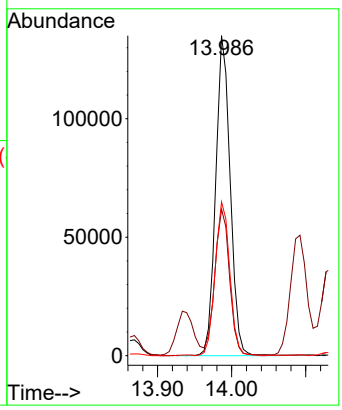
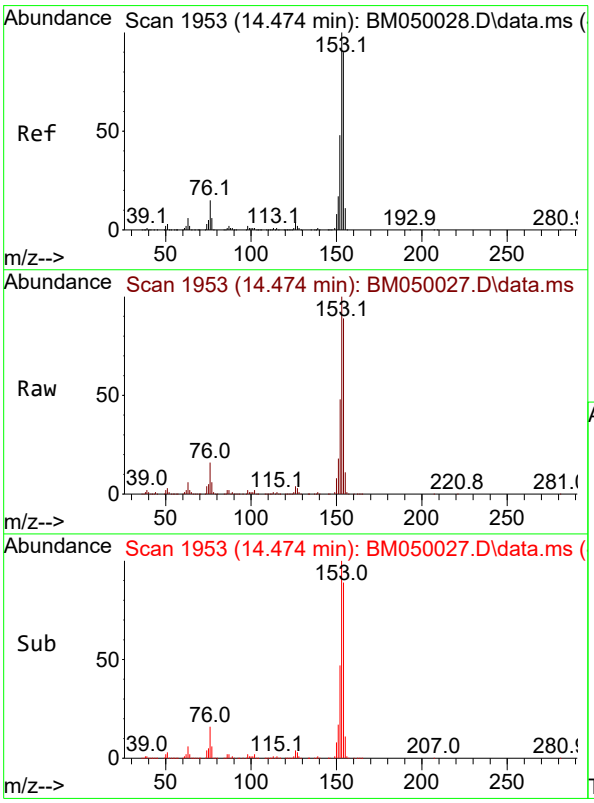
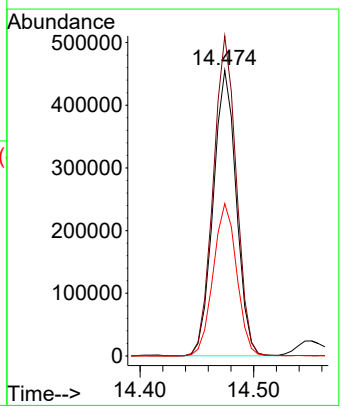


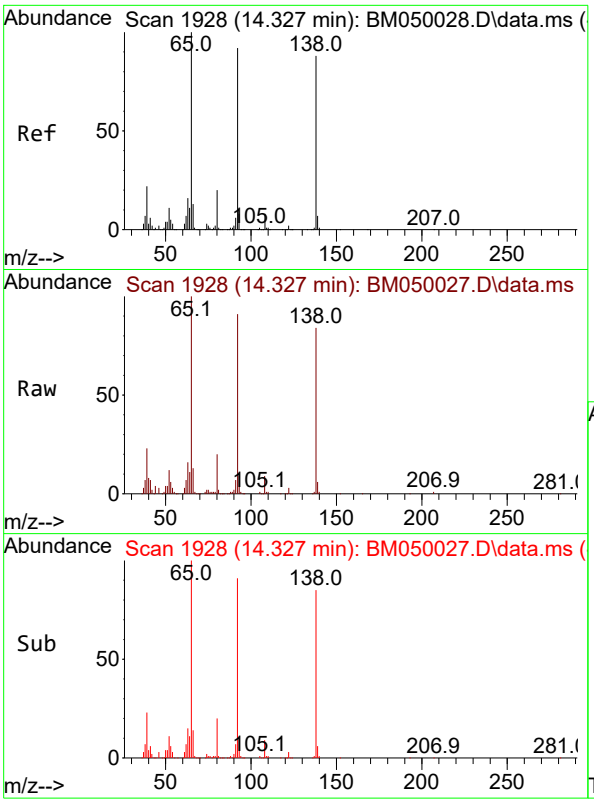


#52
Acenaphthene
Concen: 19.474 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:154 Resp: 643177

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.0	133.4
152	53.3	43.0	64.6





#53
3-Nitroaniline
Concen: 19.666 ng
RT: 14.327 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:138 Resp: 17462

Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.4	11.2
92	107.9	84.0	126.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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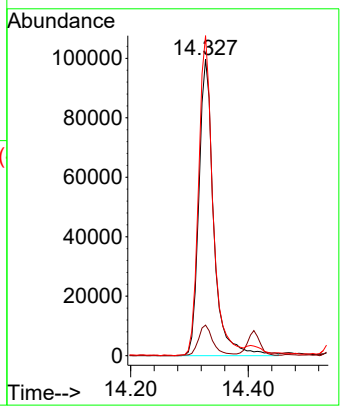
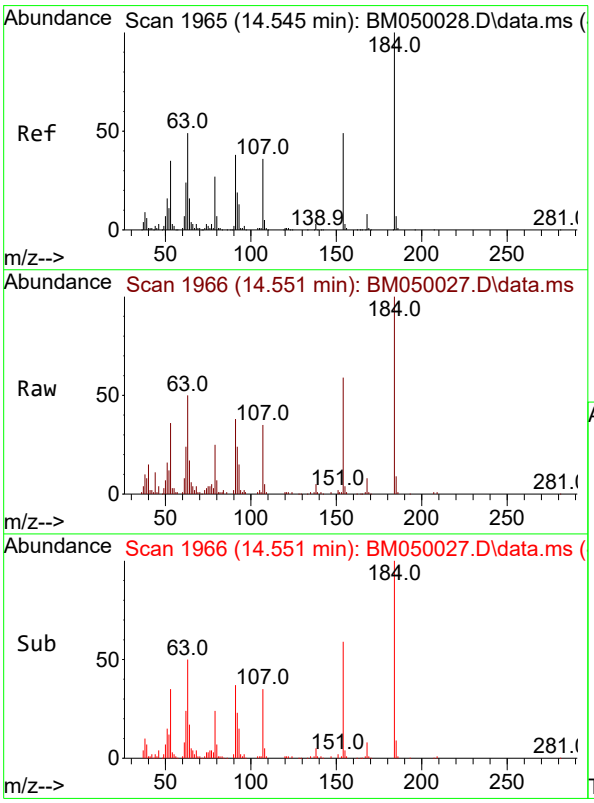
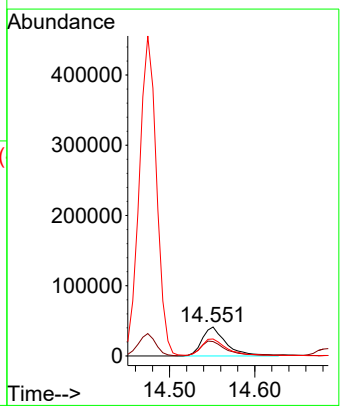


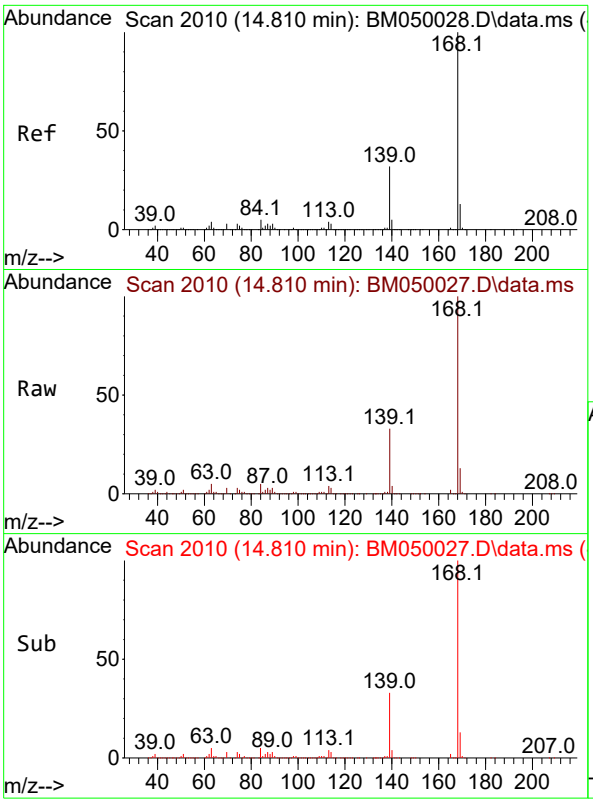


#54
2,4-Dinitrophenol
Concen: 18.373 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:184 Resp: 80991

Ion	Ratio	Lower	Upper
184	100		
63	50.1	39.8	59.6
154	58.5	46.1	69.1

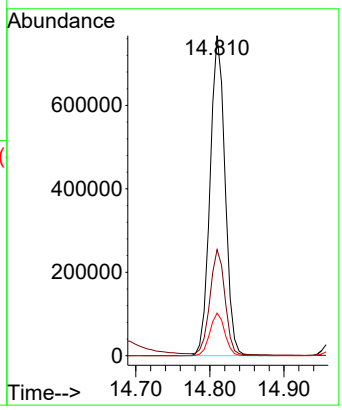




#55
Dibenzofuran
Concen: 19.562 ng
RT: 14.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:168 Resp: 107497

Ion	Ratio	Lower	Upper
168	100		
139	33.2	26.1	39.1
169	13.3	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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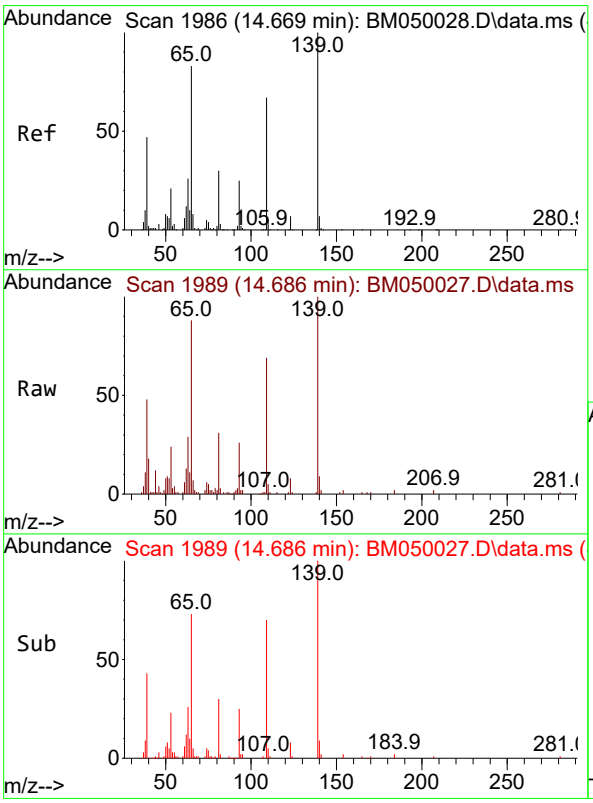
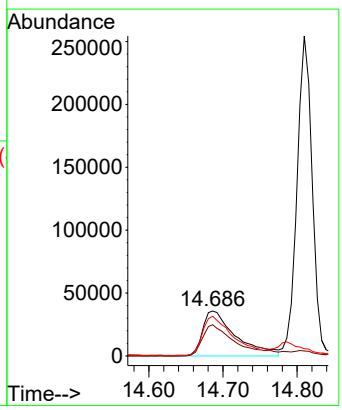
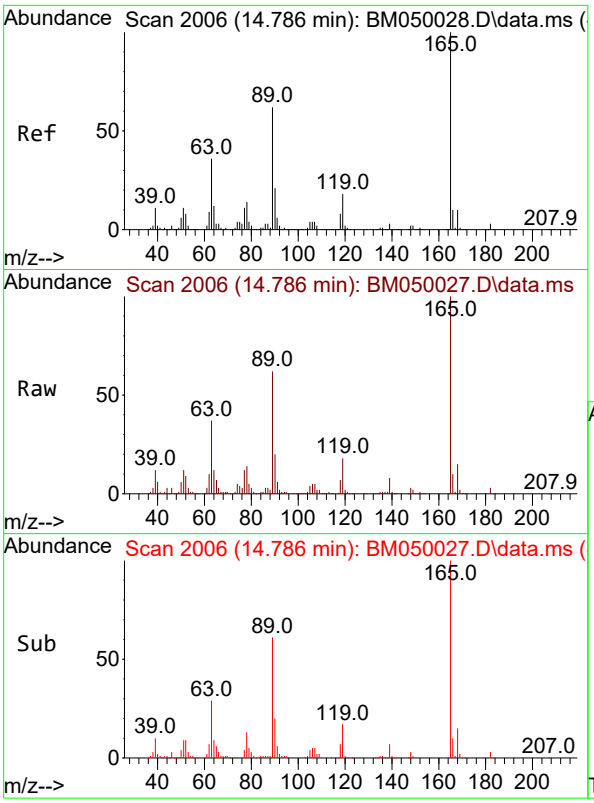


#56
4-Nitrophenol
Concen: 19.021 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.017 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:139 Resp: 110948

Ion	Ratio	Lower	Upper
139	100		
109	69.3	47.0	87.0
65	88.3	64.3	104.3

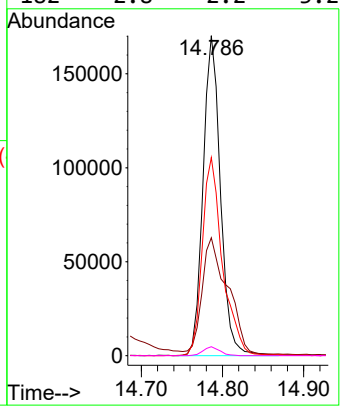




#57
2,4-Dinitrotoluene
Concen: 19.685 ng
RT: 14.786 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:165 Resp: 25299

Ion	Ratio	Lower	Upper
165	100		
63	36.9	29.0	43.6
89	61.9	49.4	74.2
182	2.8	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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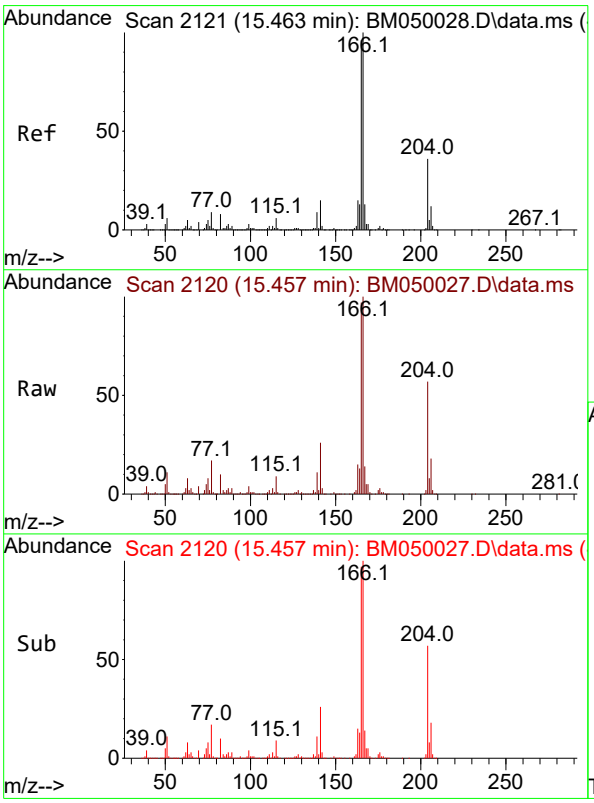
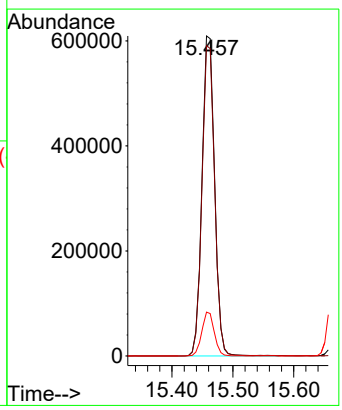
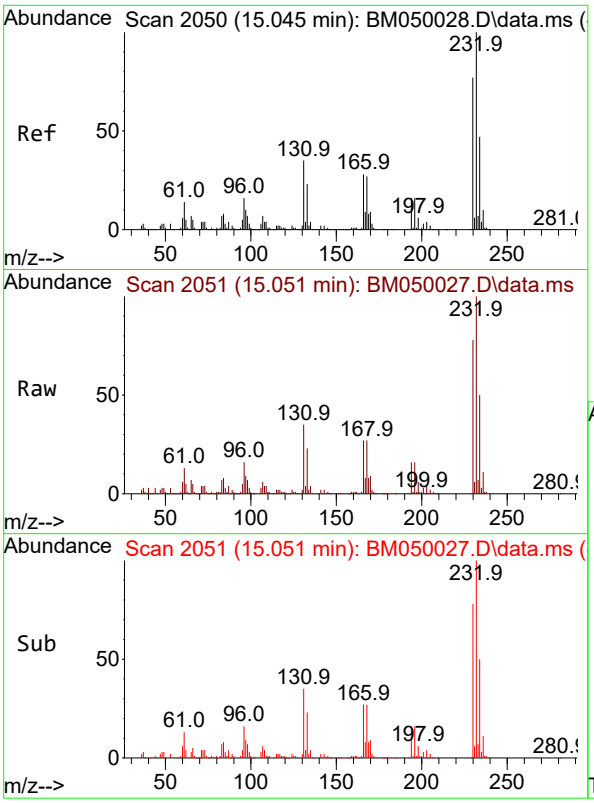


#58
Fluorene
Concen: 19.553 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:166 Resp: 879470

Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.6	115.0
167	13.7	10.6	16.0

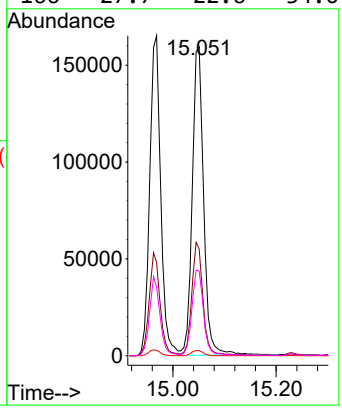




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.442 ng
RT: 15.051 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:232 Resp: 24492

Ion	Ratio	Lower	Upper
232	100		
131	35.9	28.2	42.4
130	1.7	1.5	2.3
166	27.7	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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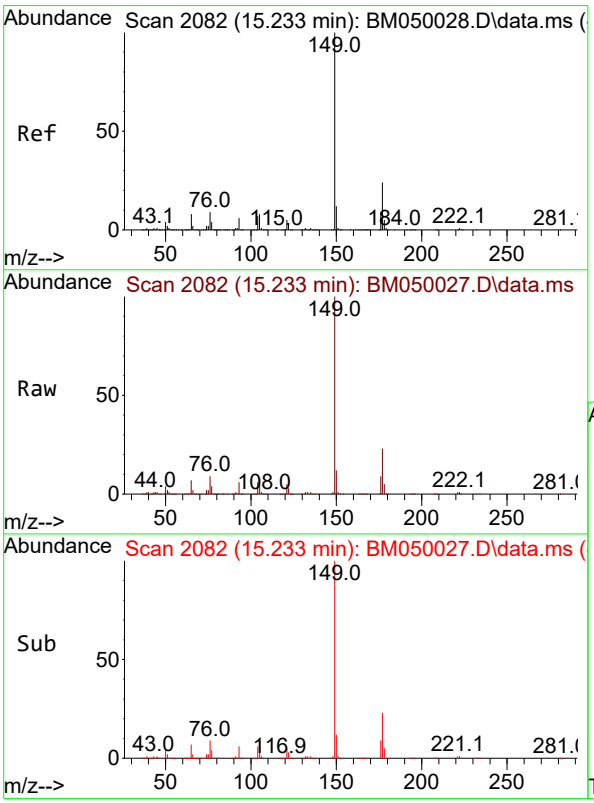
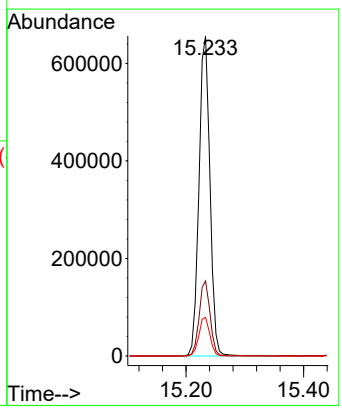
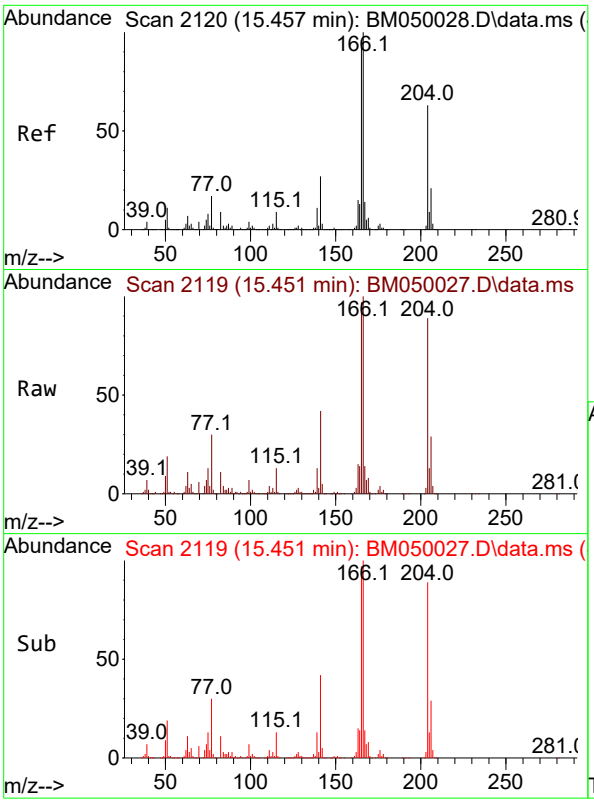


#60
Diethylphthalate
Concen: 20.034 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 848021

Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	12.1	9.6	14.4





#61
4-Chlorophenyl-phenylether
Concen: 19.157 ng
RT: 15.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 47327

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	47.7	34.0	51.0

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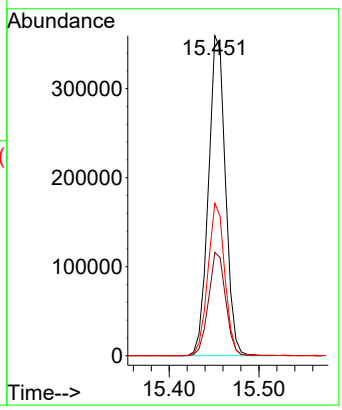
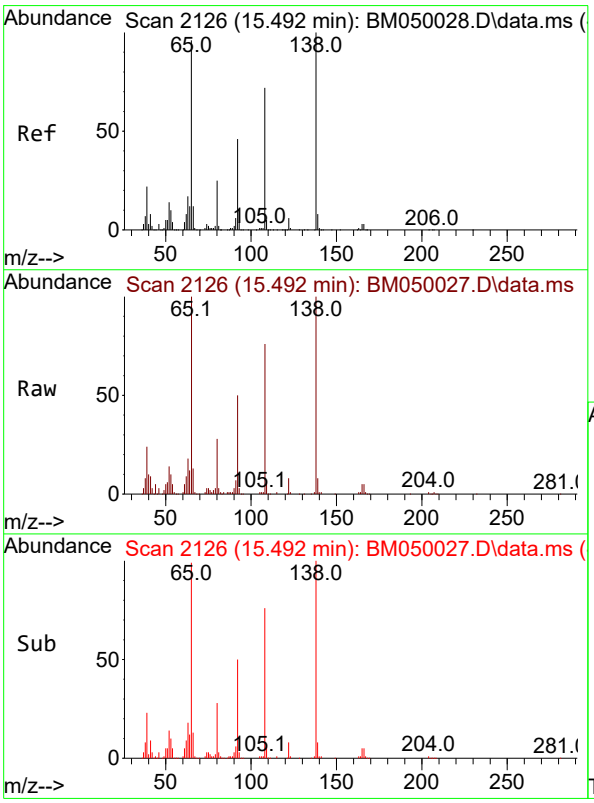
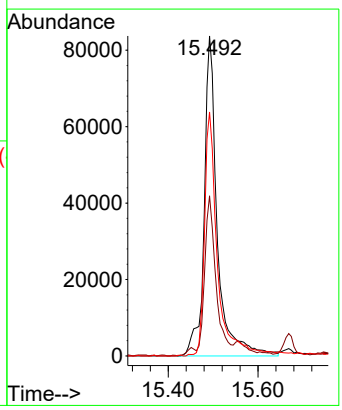


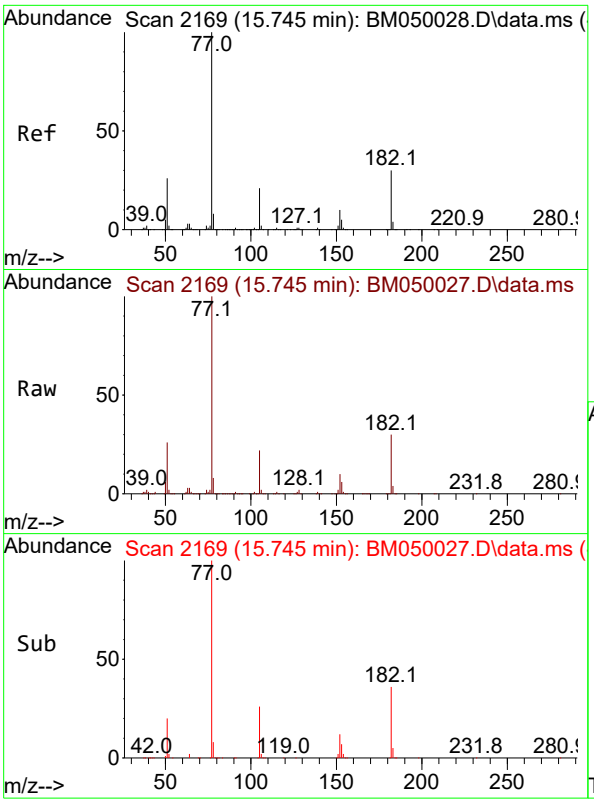


#62
4-Nitroaniline
Concen: 19.880 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:138 Resp: 170438

Ion	Ratio	Lower	Upper
138	100		
92	50.0	25.9	65.9
108	76.3	52.4	92.4

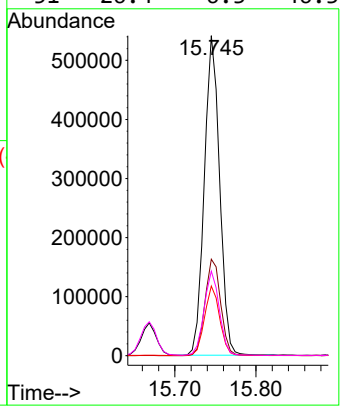




#63
Azobenzene
Concen: 19.930 ng
RT: 15.745 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 77 Resp: 70702

Ion	Ratio	Lower	Upper
77	100		
182	30.2	10.5	50.5
105	21.8	1.1	41.1
51	26.4	6.3	46.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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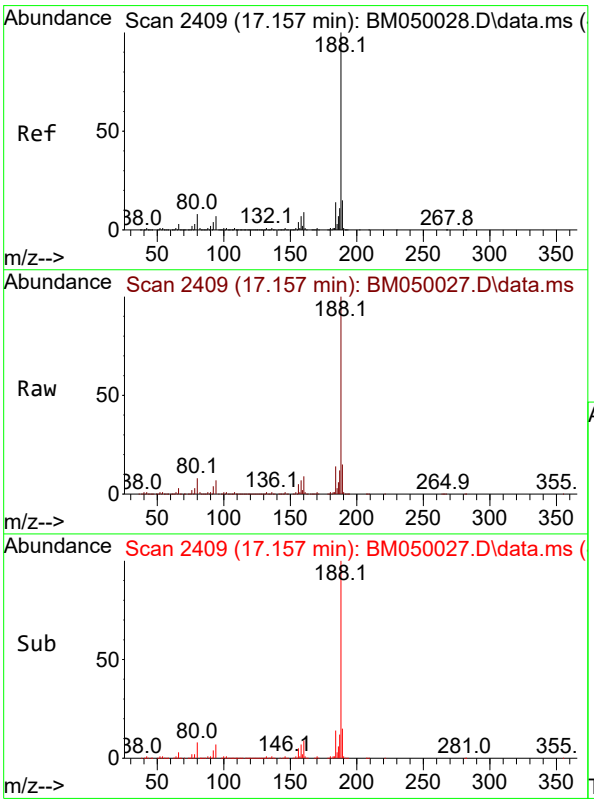
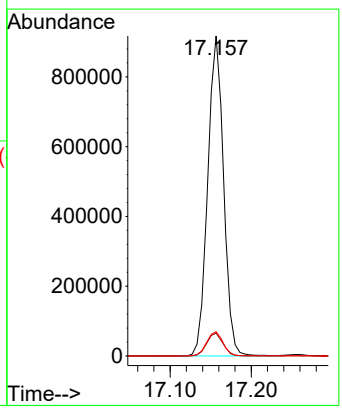
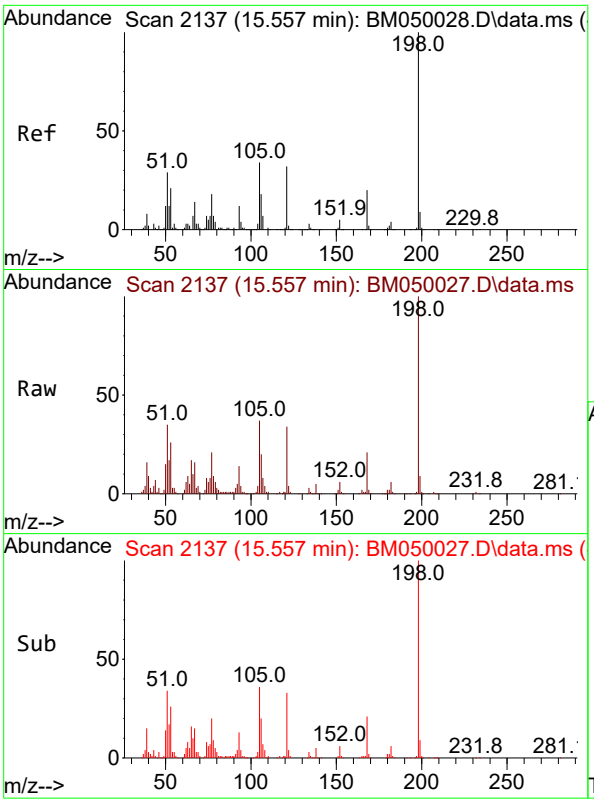


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:188 Resp: 1244440

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.6	6.2	9.4





#65
4,6-Dinitro-2-methylphenol
Concen: 17.576 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:198 Resp: 13691

Ion	Ratio	Lower	Upper
198	100		
51	34.7	10.4	50.4
105	37.2	14.6	54.6

Instrument :
BNA_M
ClientSampleId :
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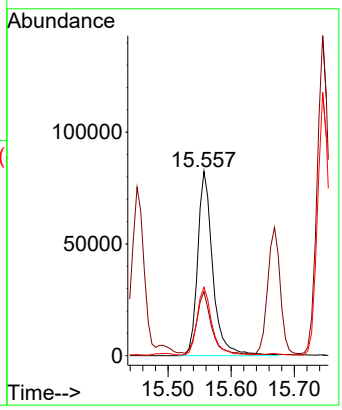
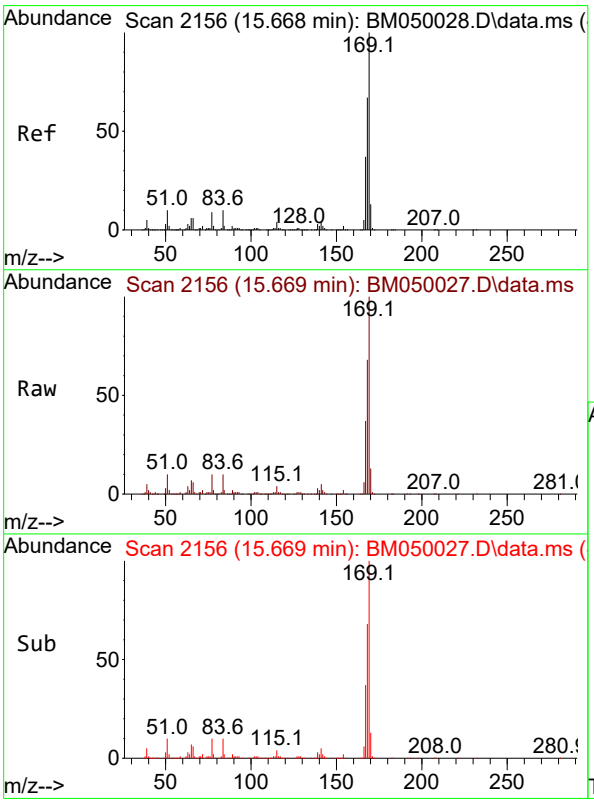
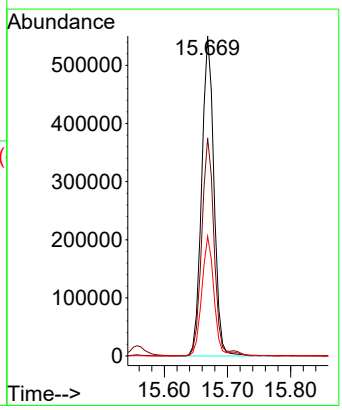


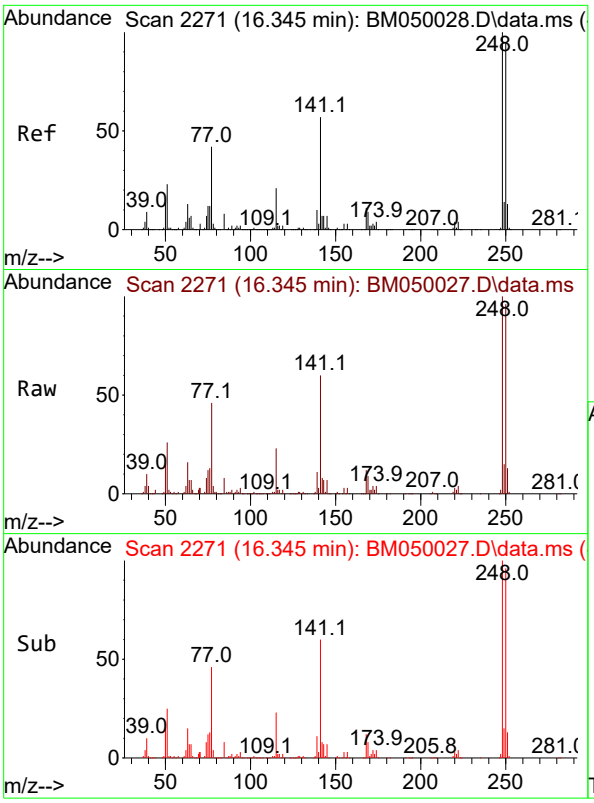


#66
n-Nitrosodiphenylamine
Concen: 19.415 ng
RT: 15.669 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:169 Resp: 741920

Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.4	80.2
167	37.4	29.4	44.0

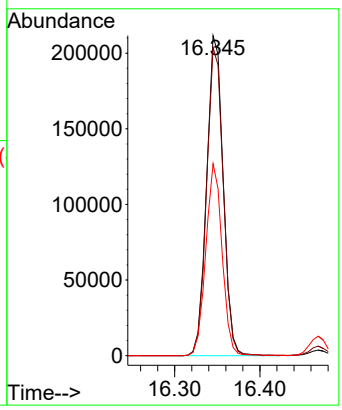




#67
4-Bromophenyl-phenylether
Concen: 18.962 ng
RT: 16.345 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:248 Resp: 28535

Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.2	114.2
141	60.0	45.9	68.9



Instrument :
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ClientSampleId :
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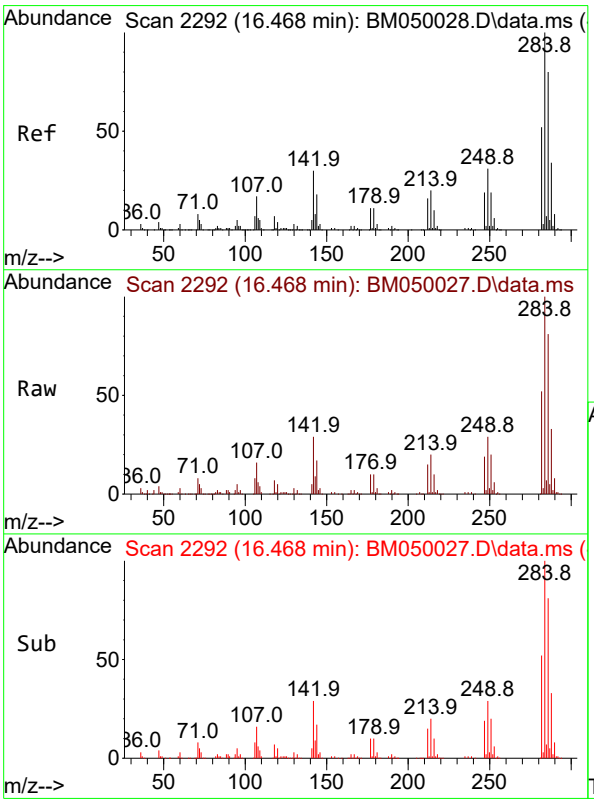
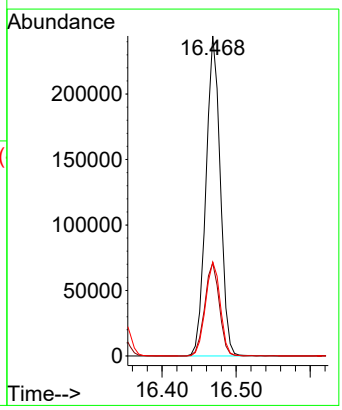
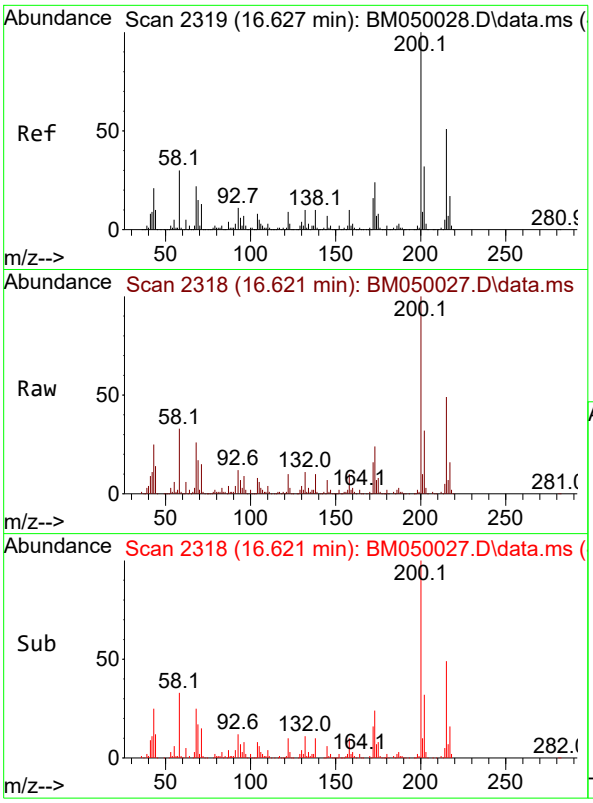


#68
Hexachlorobenzene
Concen: 18.903 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:284 Resp: 327912

Ion	Ratio	Lower	Upper
284	100		
142	29.1	23.9	35.9
249	29.3	24.5	36.7





#69
Atrazine
Concen: 19.303 ng
RT: 16.621 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:200 Resp: 26606

Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.3	44.3
215	48.7	30.6	70.6

Instrument :
BNA_M
ClientSampleId :
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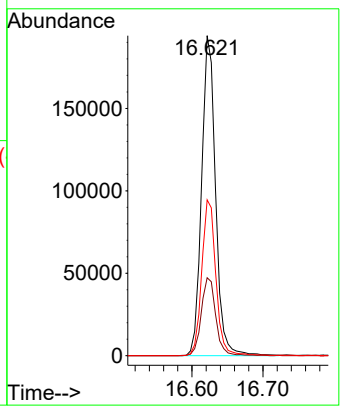
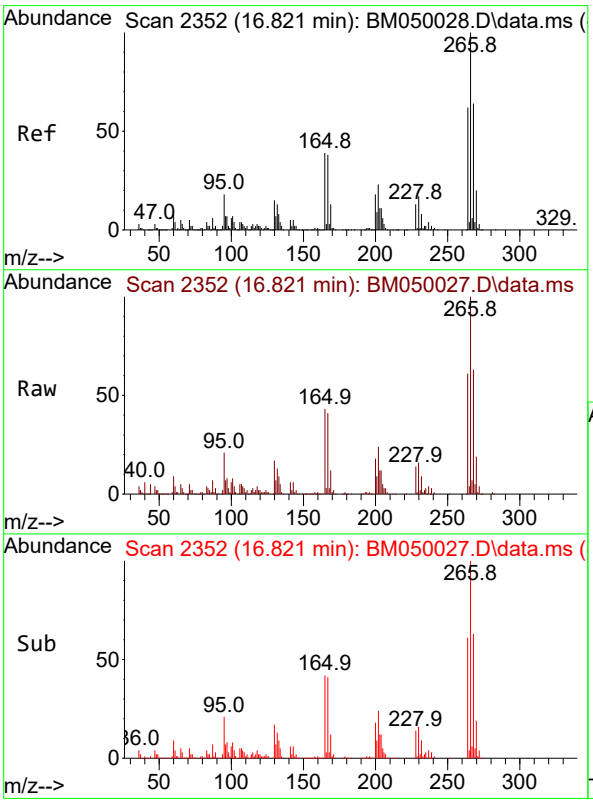
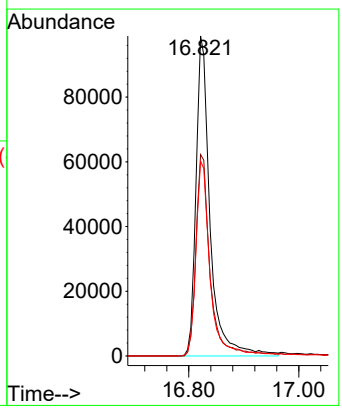


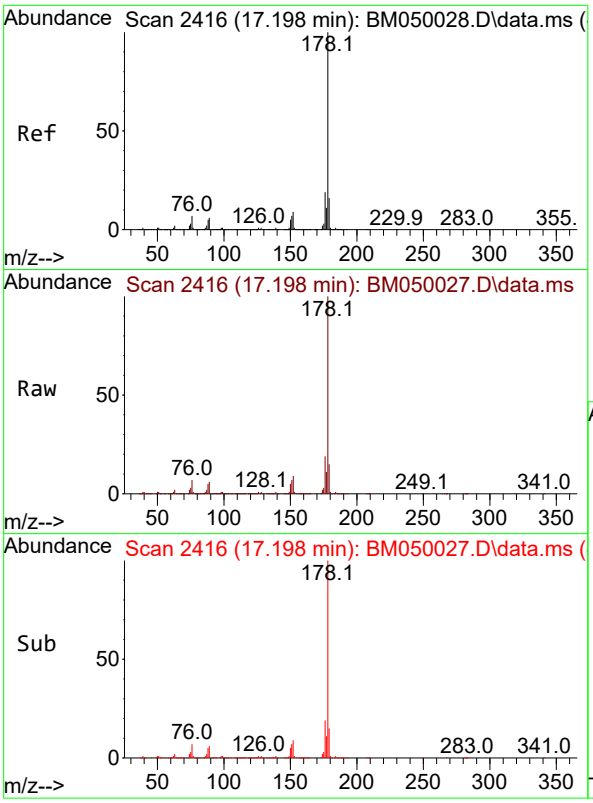


#70
Pentachlorophenol
Concen: 18.004 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:266 Resp: 175794

Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.2	76.8
264	60.9	49.6	74.4

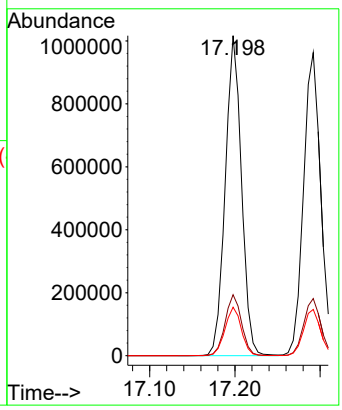




#71
Phenanthrene
Concen: 19.208 ng
RT: 17.198 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:178 Resp: 134819

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.1	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
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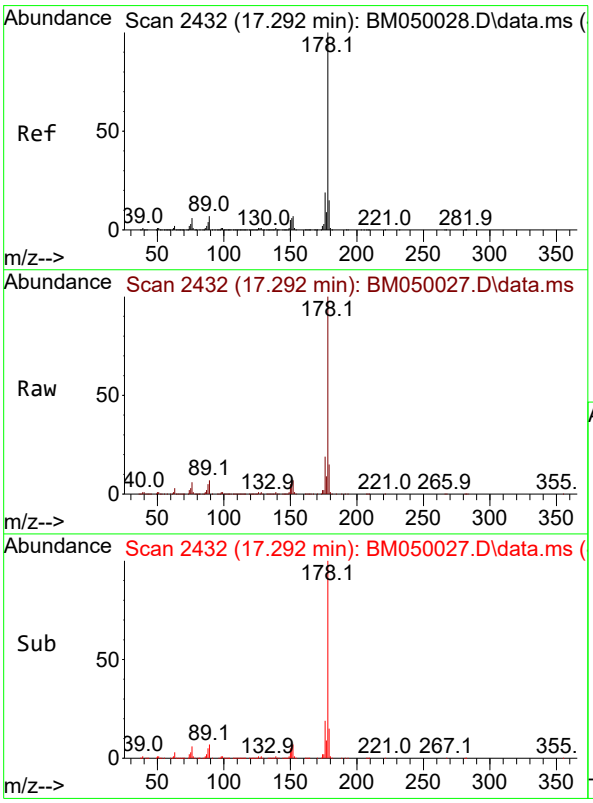
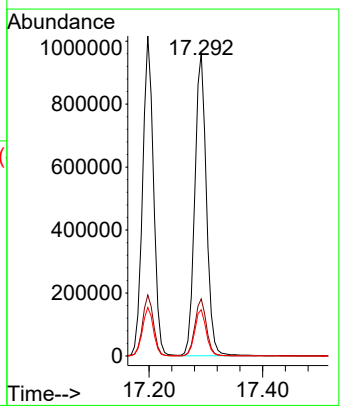
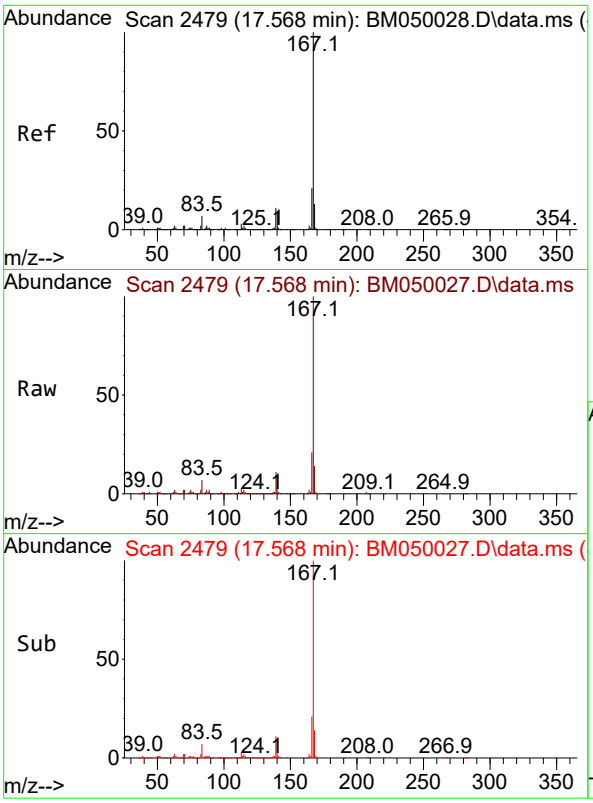


#72
Anthracene
Concen: 19.210 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:178 Resp: 1364462

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.2	18.4

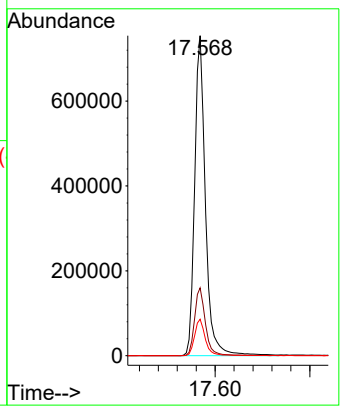




#73
Carbazole
Concen: 19.377 ng
RT: 17.568 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:167 Resp: 119431

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.4	9.0	13.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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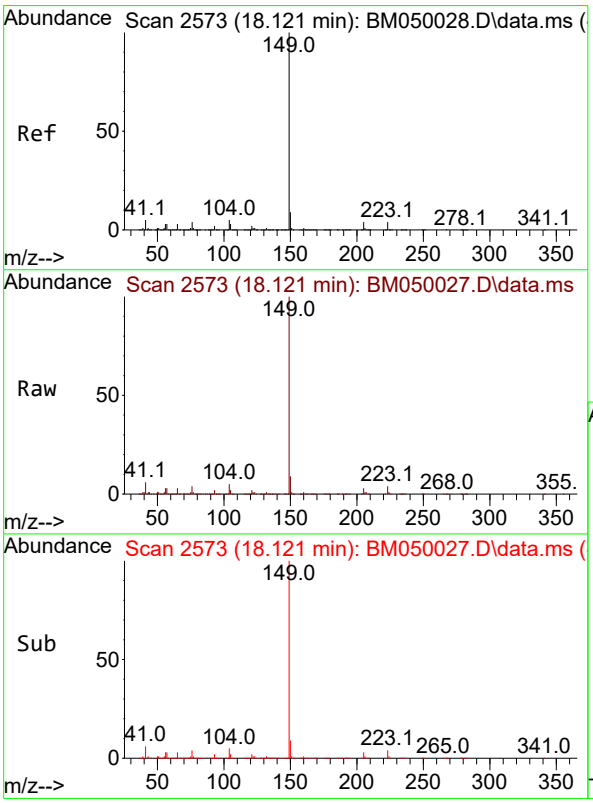
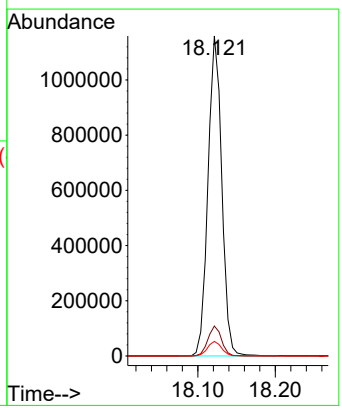
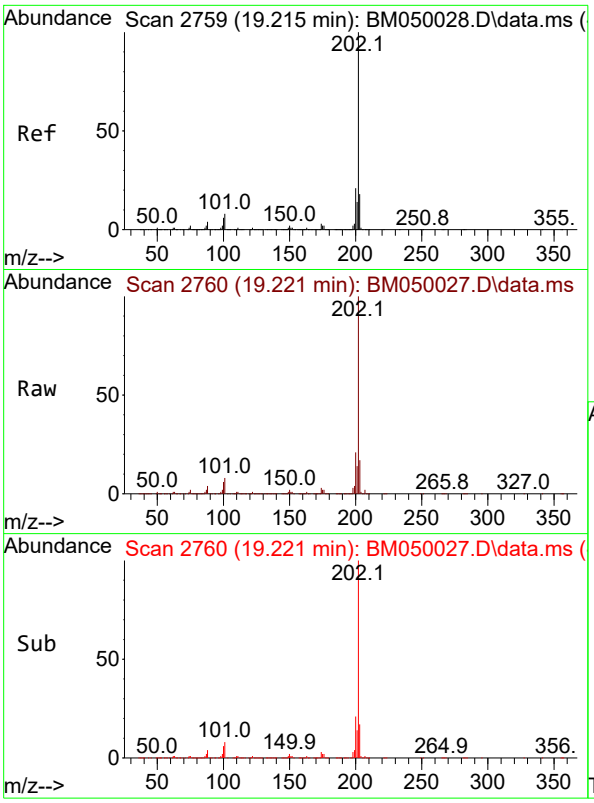


#74
Di-n-butylphthalate
Concen: 19.519 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 1432688

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.6	3.8	5.6

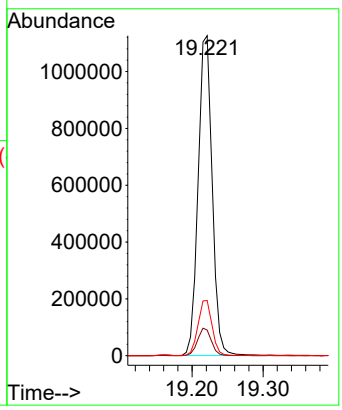




#75
Fluoranthene
Concen: 18.872 ng
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:202 Resp: 155516

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	17.2	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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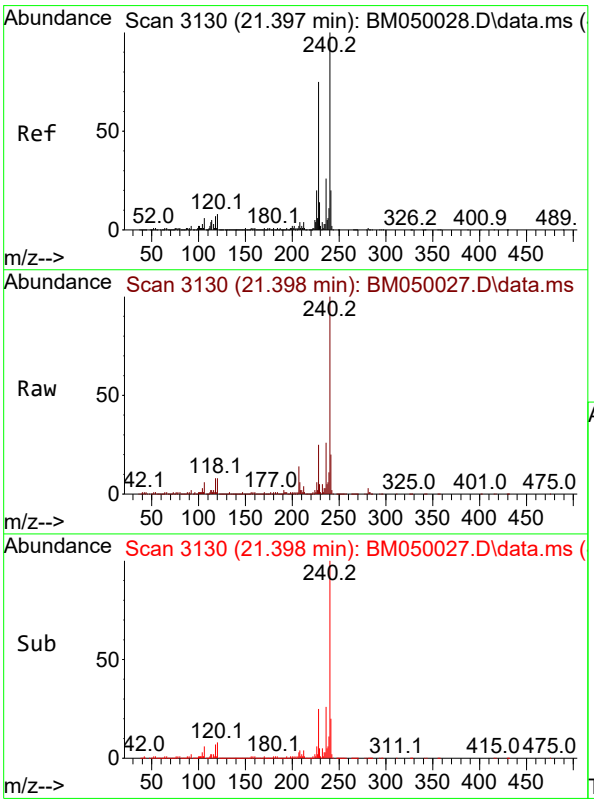
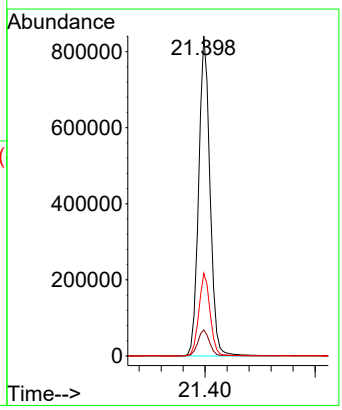
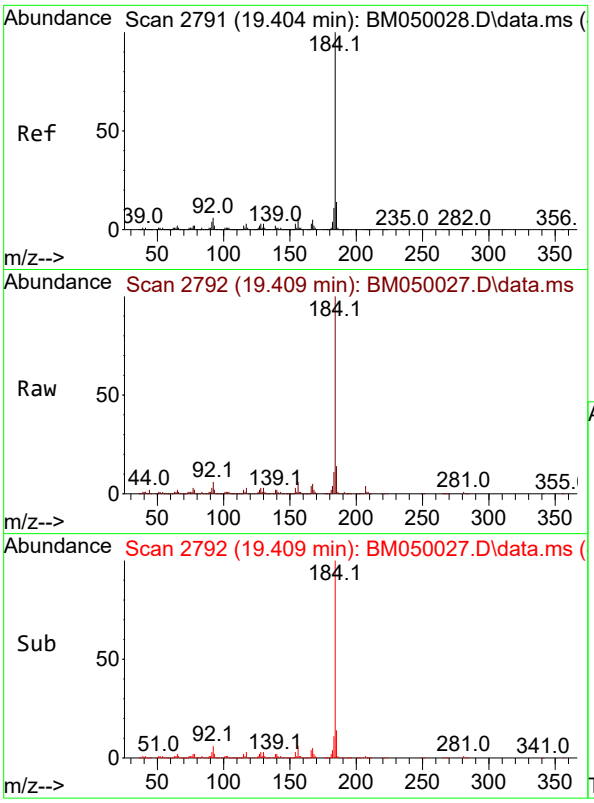


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:240 Resp: 1204355

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.5	9.7
236	25.9	20.9	31.3

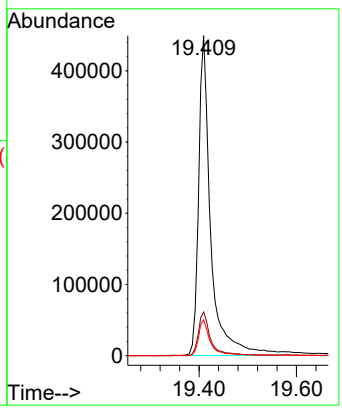




#77
Benzidine
Concen: 18.175 ng
RT: 19.409 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:184 Resp: 77750

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.5	17.3
183	11.2	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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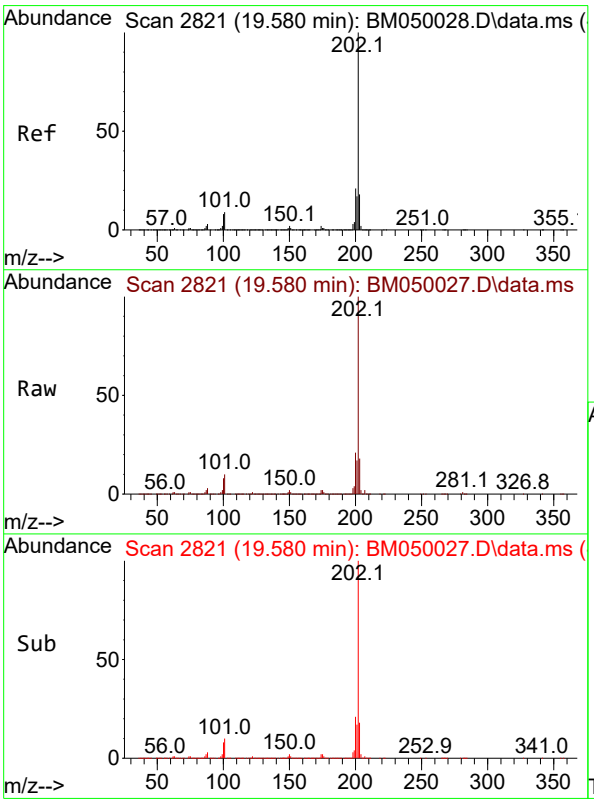
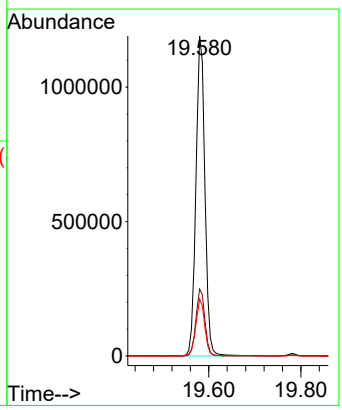
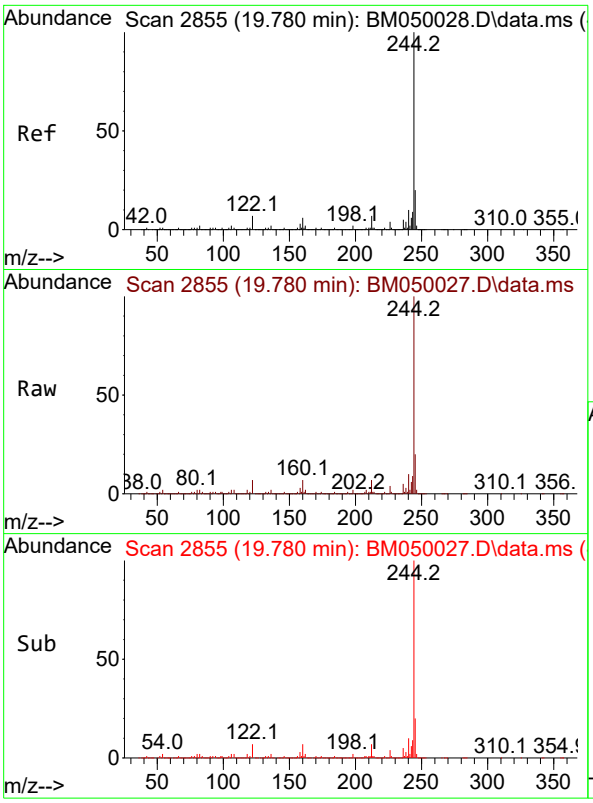


#78
Pyrene
Concen: 18.964 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:202 Resp: 1603874

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.8	14.1	21.1

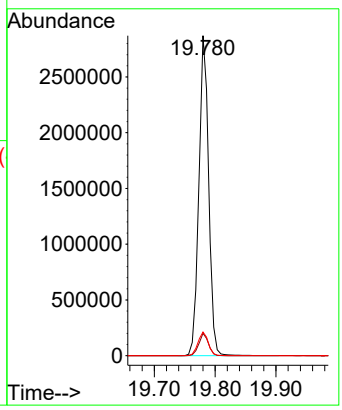




#79
Terphenyl-d14
Concen: 39.418 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:244 Resp: 320824

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	7.4	5.6	8.4



Instrument :
BNA_M
ClientSampleId :
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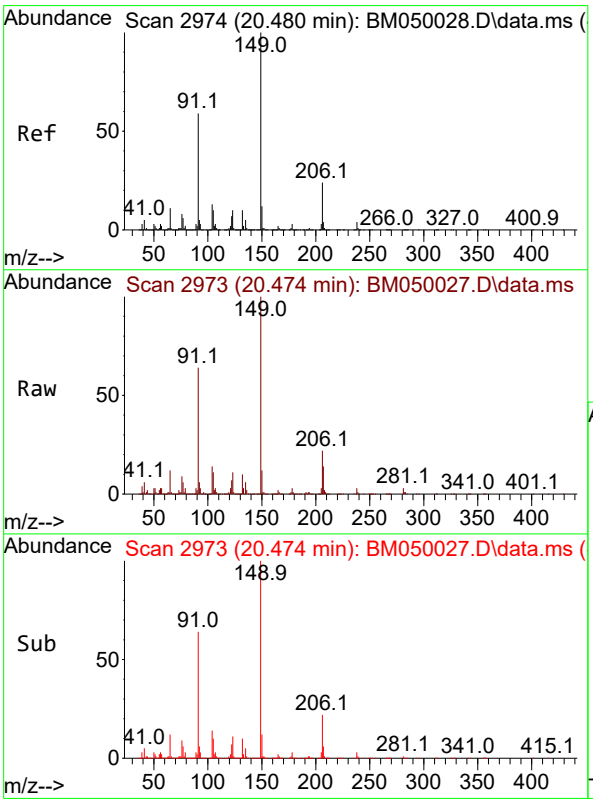
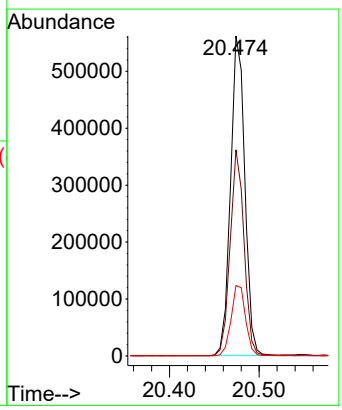
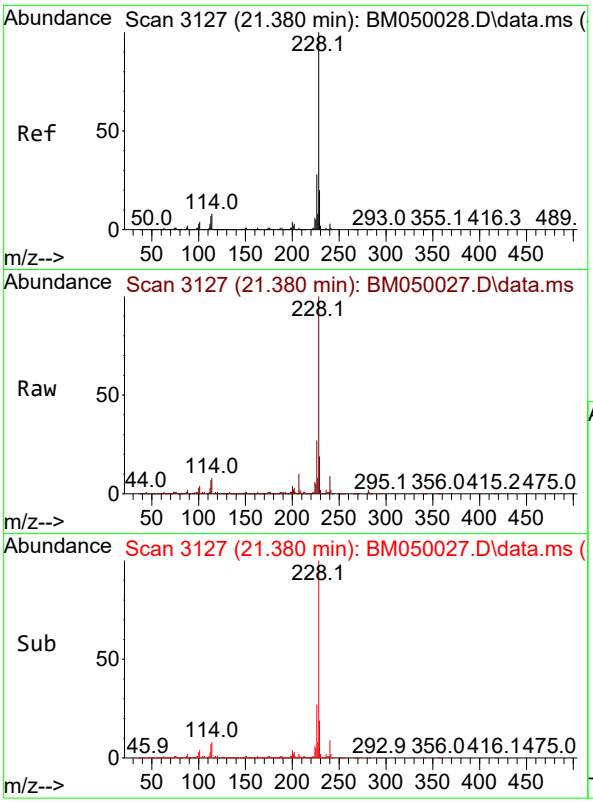


#80
Butylbenzylphthalate
Concen: 19.597 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 620751

Ion	Ratio	Lower	Upper
149	100		
91	64.4	47.4	71.2
206	22.0	19.4	29.0





#81
Benzo(a)anthracene
Concen: 19.187 ng
RT: 21.380 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 159129

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	19.4	15.7	23.5

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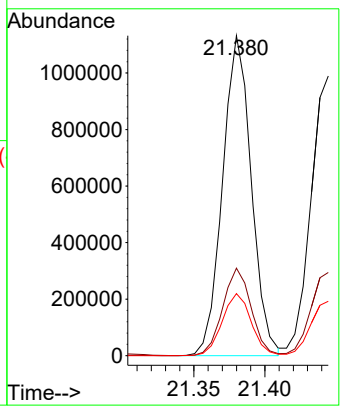
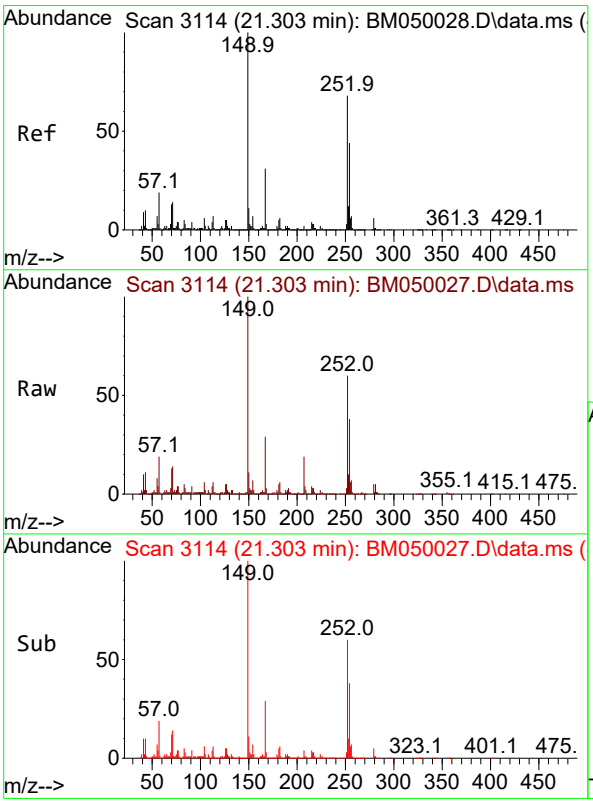
Supervised By :Jagrut Upadhyay 04/29/2025

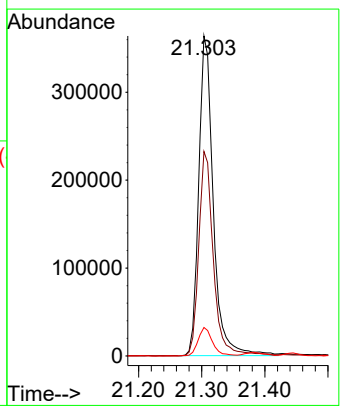


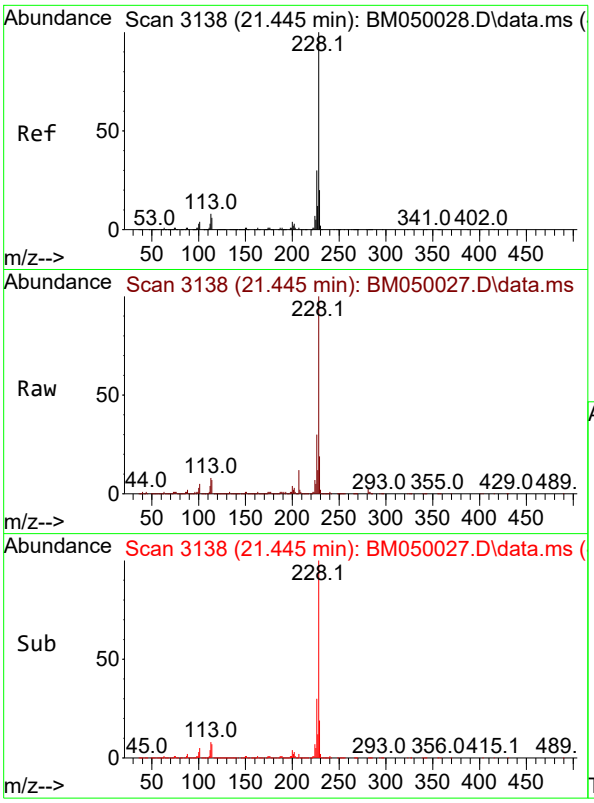


#82
3,3'-Dichlorobenzidine
Concen: 18.333 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 582038

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.8	77.6
126	8.9	6.0	9.0





#83
Chrysene
Concen: 19.044 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 146177

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.5	15.7	23.5

Manual Integrations
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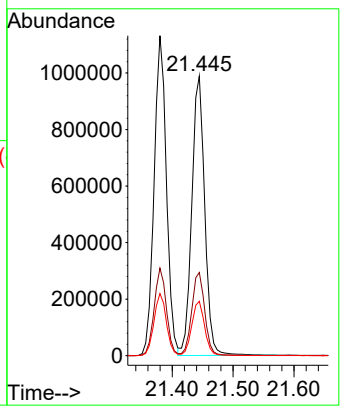
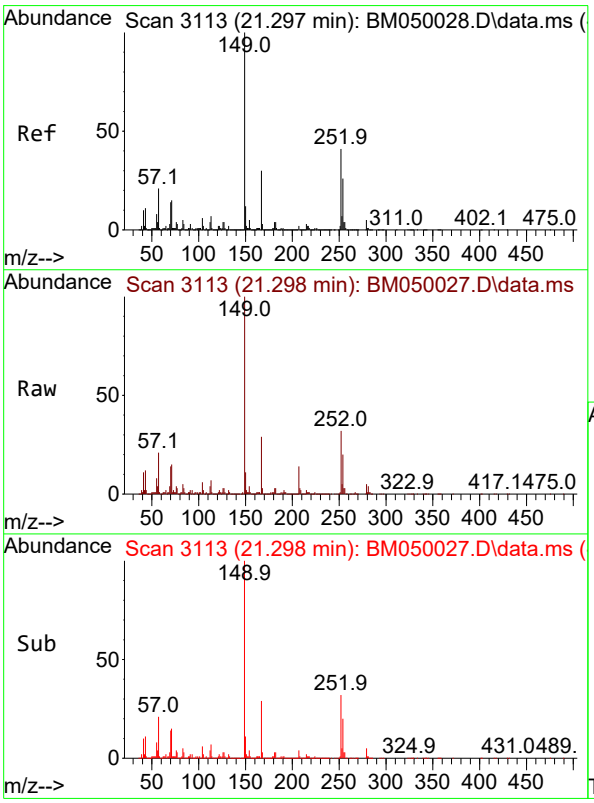
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

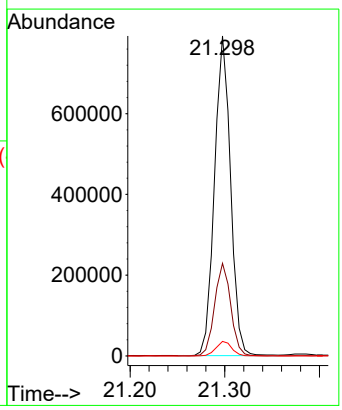


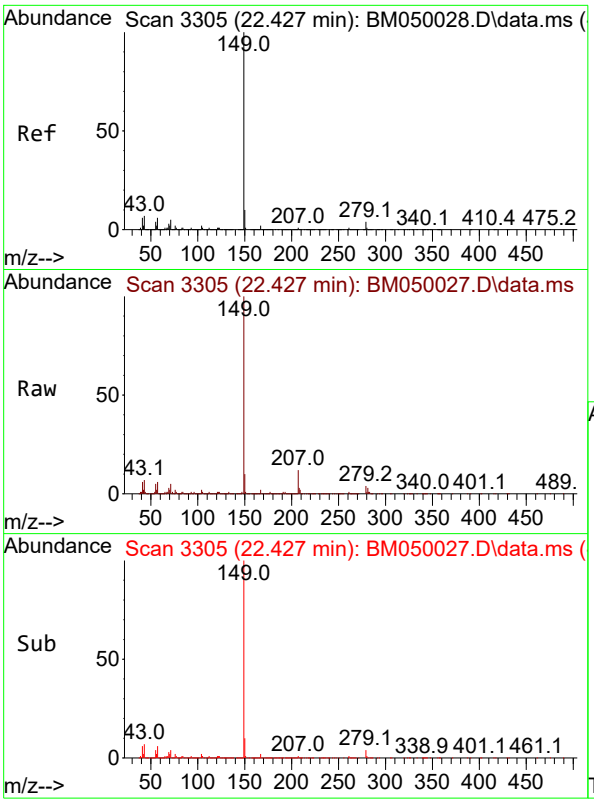


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.730 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 933505

Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.1	36.1
279	4.6	3.9	5.9

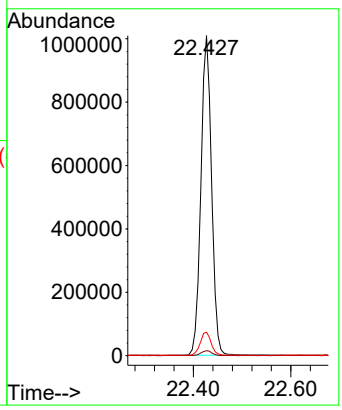




#85
Di-n-octyl phthalate
Concen: 19.552 ng
RT: 22.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 152559

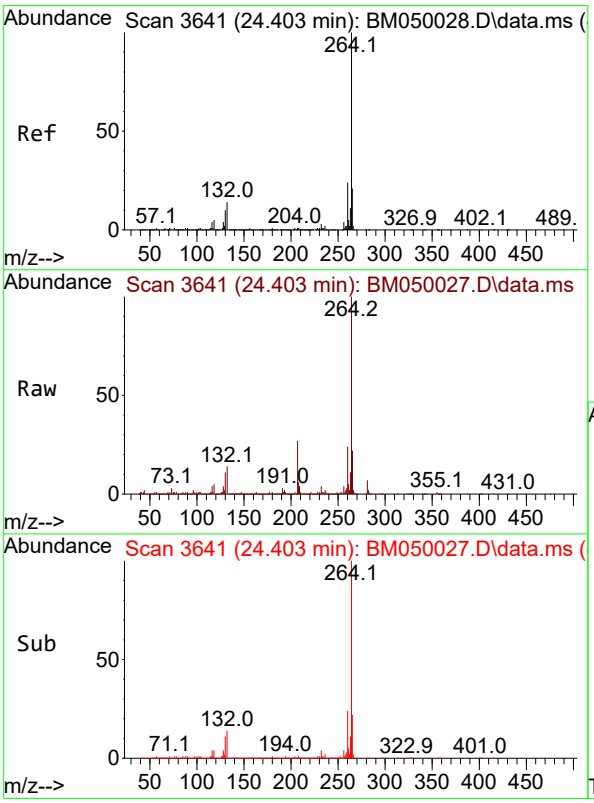
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

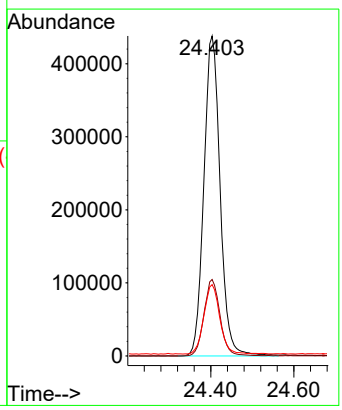
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

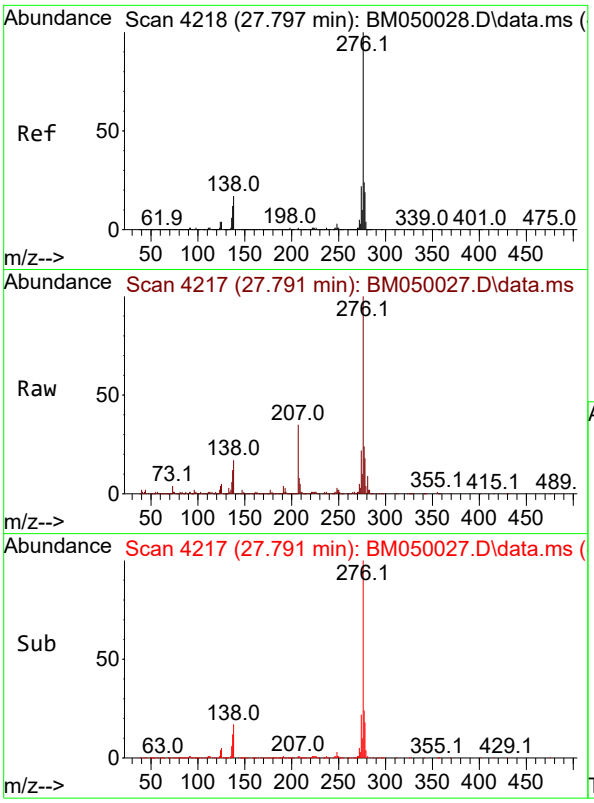


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:264 Resp: 1191041

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.3	17.0	25.4

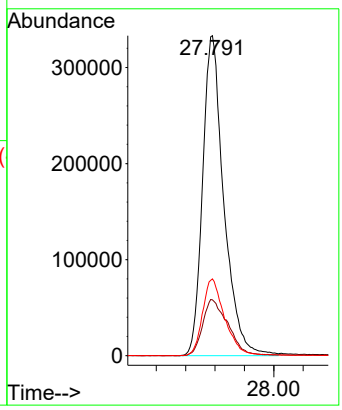




#87
Indeno(1,2,3-cd)pyrene
Concen: 18.840 ng
RT: 27.791 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:276 Resp: 167196

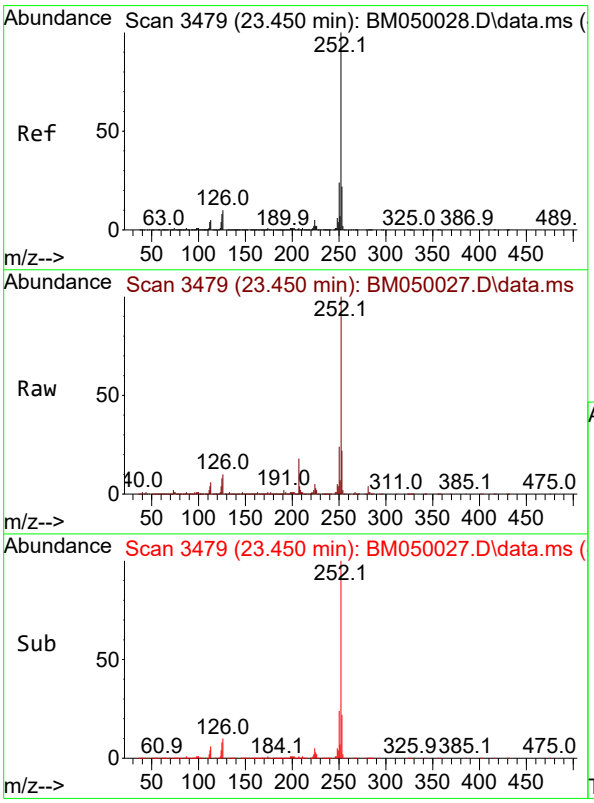
Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.4	24.6
277	25.0	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

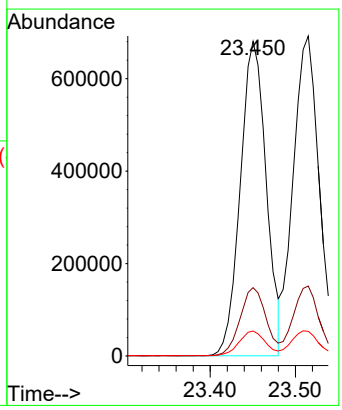
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

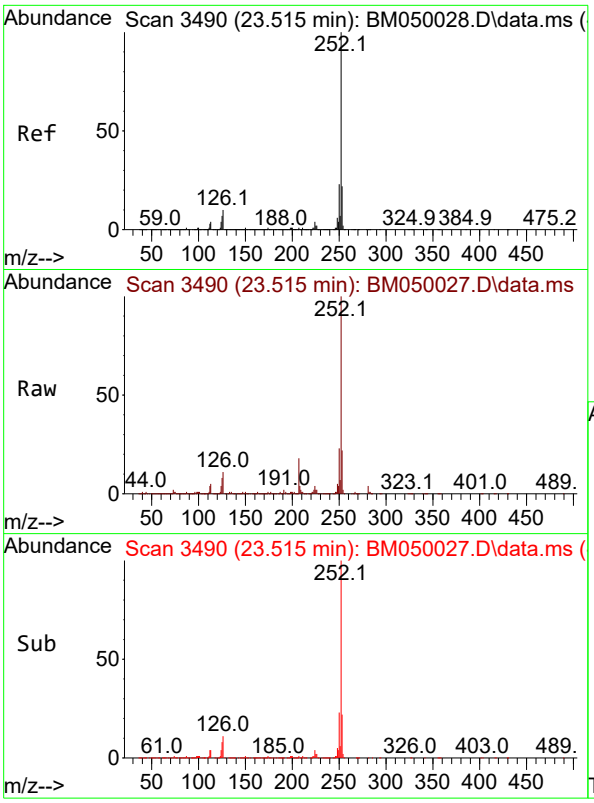


#88
Benzo(b)fluoranthene
Concen: 18.588 ng
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 1439776

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	7.9	6.1	9.1

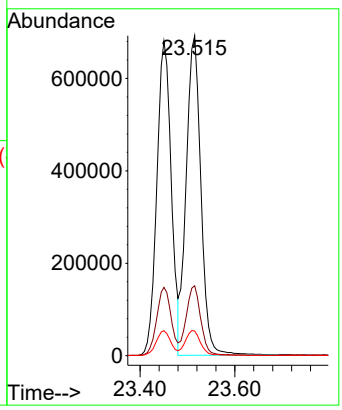




#89
Benzo(k)fluoranthene
Concen: 19.005 ng
RT: 23.515 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 148941

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	7.7	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
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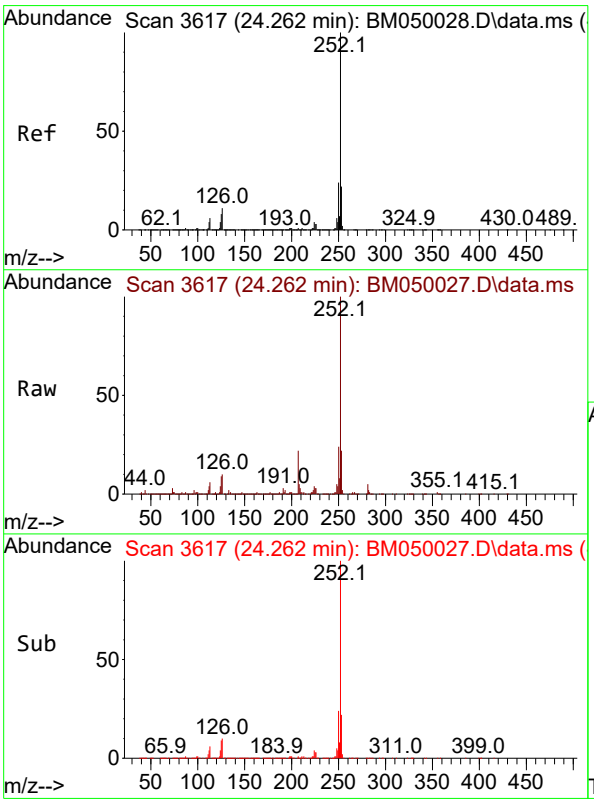
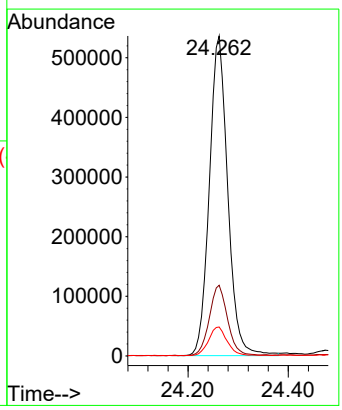
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

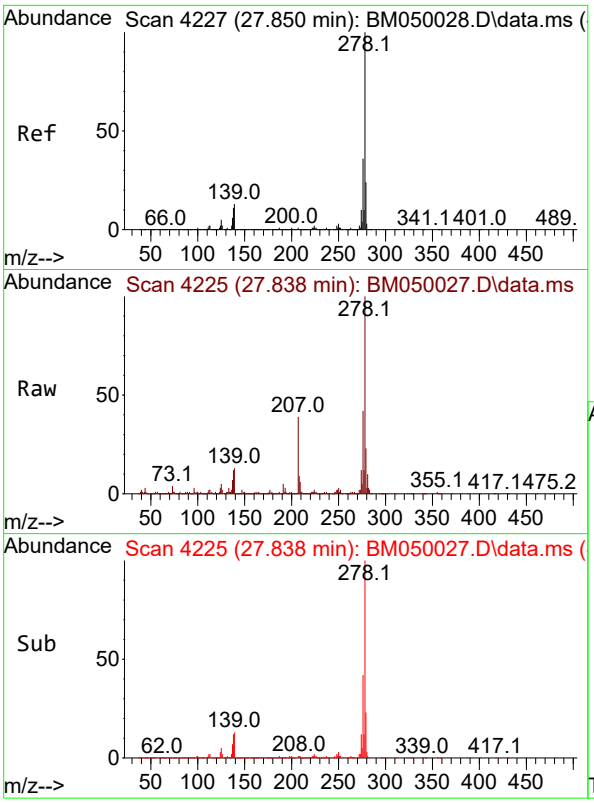


#90
Benzo(a)pyrene
Concen: 18.825 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 1365706

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	9.0	6.6	9.8

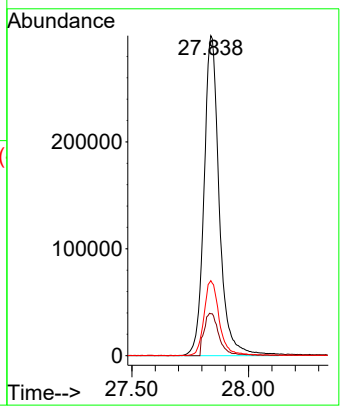




#91
Dibenzo(a,h)anthracene
Concen: 18.803 ng
RT: 27.838 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:278 Resp: 136026

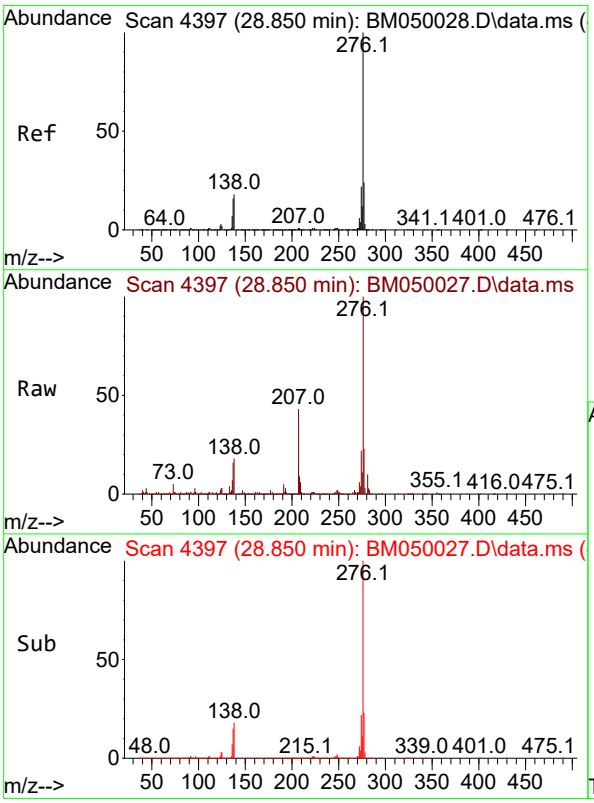
Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.5	15.7
279	23.4	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

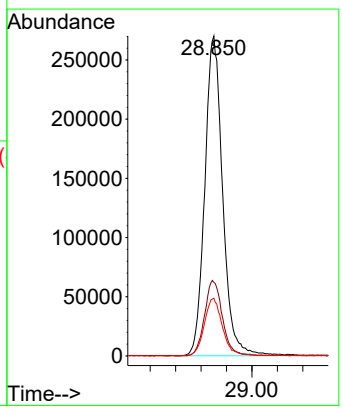
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 19.008 ng
RT: 28.850 min Scan# 4397
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:276 Resp: 1316513

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.1	28.7
138	18.1	14.3	21.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241109	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	890488	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	591599	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1163791	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1114654	20.000	ng	0.00
86) Perylene-d12	24.403	264	1072526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1165032	84.611	ng	0.00
7) Phenol-d6	6.951	99	1487856	85.973	ng	0.00
23) Nitrobenzene-d5	8.928	82	1547270	85.620	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	751927	85.958	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4275240	85.489	ng	0.00
79) Terphenyl-d14	19.780	244	6797031	90.233	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	246624	41.774	ng	100
3) Pyridine	3.657	79	641890	42.316	ng	100
4) n-Nitrosodimethylamine	3.563	42	251749	42.316	ng	100
6) Aniline	7.098	93	936673	42.862	ng	100
8) 2-Chlorophenol	7.340	128	632836	42.508	ng	100
9) Benzaldehyde	6.910	77	497166	42.981	ng	100
10) Phenol	6.981	94	742305	42.370	ng	100
11) bis(2-Chloroethyl)ether	7.193	93	616851	42.166	ng	100
12) 1,3-Dichlorobenzene	7.657	146	754937	41.979	ng	100
13) 1,4-Dichlorobenzene	7.804	146	752959	41.677	ng	100
14) 1,2-Dichlorobenzene	8.122	146	733848	42.050	ng	100
15) Benzyl Alcohol	8.016	79	521025	43.413	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.292	45	748400	42.085	ng	100
17) 2-Methylphenol	8.222	107	498005	43.149	ng	100
18) Hexachloroethane	8.845	117	268328	41.780	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	483699	43.579	ng	100
20) 3+4-Methylphenols	8.557	107	671942	43.111	ng	100
22) Acetophenone	8.592	105	946106	42.735	ng	100
24) Nitrobenzene	8.969	77	666034	42.625	ng	100
25) Isophorone	9.498	82	1298577	42.156	ng	100
26) 2-Nitrophenol	9.681	139	349855	43.827	ng	100
27) 2,4-Dimethylphenol	9.751	122	576549	43.552	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	809528	42.518	ng	100
29) 2,4-Dichlorophenol	10.228	162	644546	43.461	ng	100
30) 1,2,4-Trichlorobenzene	10.428	180	759987	42.060	ng	100
31) Naphthalene	10.610	128	1898588	42.100	ng	100
32) Benzoic acid	9.910	122	351345	41.613	ng	100
33) 4-Chloroaniline	10.728	127	784625	42.448	ng	100
34) Hexachlorobutadiene	10.898	225	481510	41.981	ng	100
35) Caprolactam	11.522	113	185984	43.010	ng	100
36) 4-Chloro-3-methylphenol	11.869	107	579492	42.293	ng	100
37) 2-Methylnaphthalene	12.227	142	1269061	41.973	ng	100
38) 1-Methylnaphthalene	12.445	142	1341577	41.928	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	878448	42.894	ng	100
41) Hexachlorocyclopentadiene	12.580	237	538788	43.050	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	563324	43.368	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	612194	43.706	ng	100
46) 1,1'-Biphenyl	13.245	154	1860581	42.309	ng	100
47) 2-Chloronaphthalene	13.286	162	1479560	42.480	ng	100
48) 2-Nitroaniline	13.498	65	357098	43.684	ng	100
49) Acenaphthylene	14.133	152	2332675	42.478	ng	100
50) Dimethylphthalate	13.869	163	1812335	41.918	ng	100
51) 2,6-Dinitrotoluene	13.992	165	386623	43.191	ng	100
52) Acenaphthene	14.474	154	1340946	42.186	ng	100
53) 3-Nitroaniline	14.327	138	379359	44.389	ng	100
54) 2,4-Dinitrophenol	14.545	184	210115	39.788	ng	100
55) Dibenzofuran	14.810	168	2219206	41.961	ng	100
56) 4-Nitrophenol	14.669	139	264964	40.483	ng	100
57) 2,4-Dinitrotoluene	14.786	165	539867	43.646	ng	100
58) Fluorene	15.463	166	1843261	42.580	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	514644	42.446	ng	100
60) Diethylphthalate	15.233	149	1696013	41.631	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1014134	42.652	ng	100
62) 4-Nitroaniline	15.492	138	370884	44.949	ng	100
63) Azobenzene	15.745	77	1439085	42.150	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	315113	43.256	ng	100
66) n-Nitrosodiphenylamine	15.668	169	1525193	42.678	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	600373	42.660	ng	100
68) Hexachlorobenzene	16.468	284	683325	42.122	ng	100
69) Atrazine	16.627	200	550018	42.668	ng	100
70) Pentachlorophenol	16.821	266	387613	42.448	ng	100
71) Phenanthrene	17.198	178	2762249	42.082	ng	100
72) Anthracene	17.292	178	2824805	42.525	ng	100
73) Carbazole	17.568	167	2452474	42.547	ng	100
74) Di-n-butylphthalate	18.121	149	2899479	42.239	ng	100
75) Fluoranthene	19.215	202	3282789	42.598	ng	100
77) Benzidine	19.404	184	1720168	43.446	ng	100
78) Pyrene	19.580	202	3383053	43.220	ng	100
80) Butylbenzylphthalate	20.480	149	1251950	42.704	ng	100
81) Benzo(a)anthracene	21.380	228	3295625	42.935	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1292611	43.991	ng	100
83) Chrysene	21.445	228	2992790	42.127	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1878368	42.895	ng	100
85) Di-n-octyl phthalate	22.427	149	3044578	42.160	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	3435665	42.991	ng	100
88) Benzo(b)fluoranthene	23.450	252	3016197	43.243	ng	100
89) Benzo(k)fluoranthene	23.515	252	2974903	42.155	ng	100
90) Benzo(a)pyrene	24.262	252	2777683	42.519	ng	100
91) Dibenzo(a,h)anthracene	27.850	278	2787948	42.796	ng	100
92) Benzo(g,h,i)perylene	28.850	276	2651145	42.508	ng	100

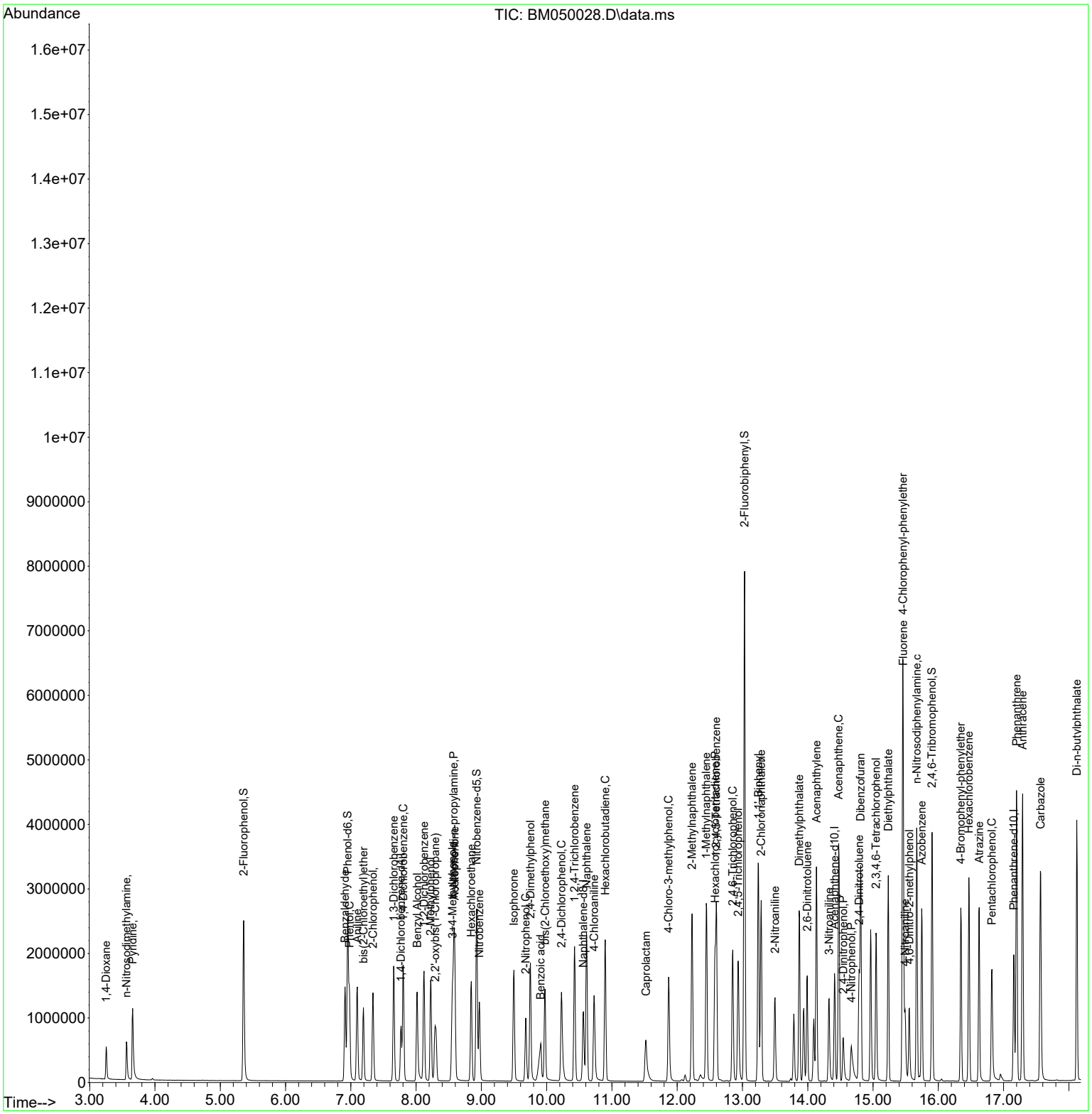
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
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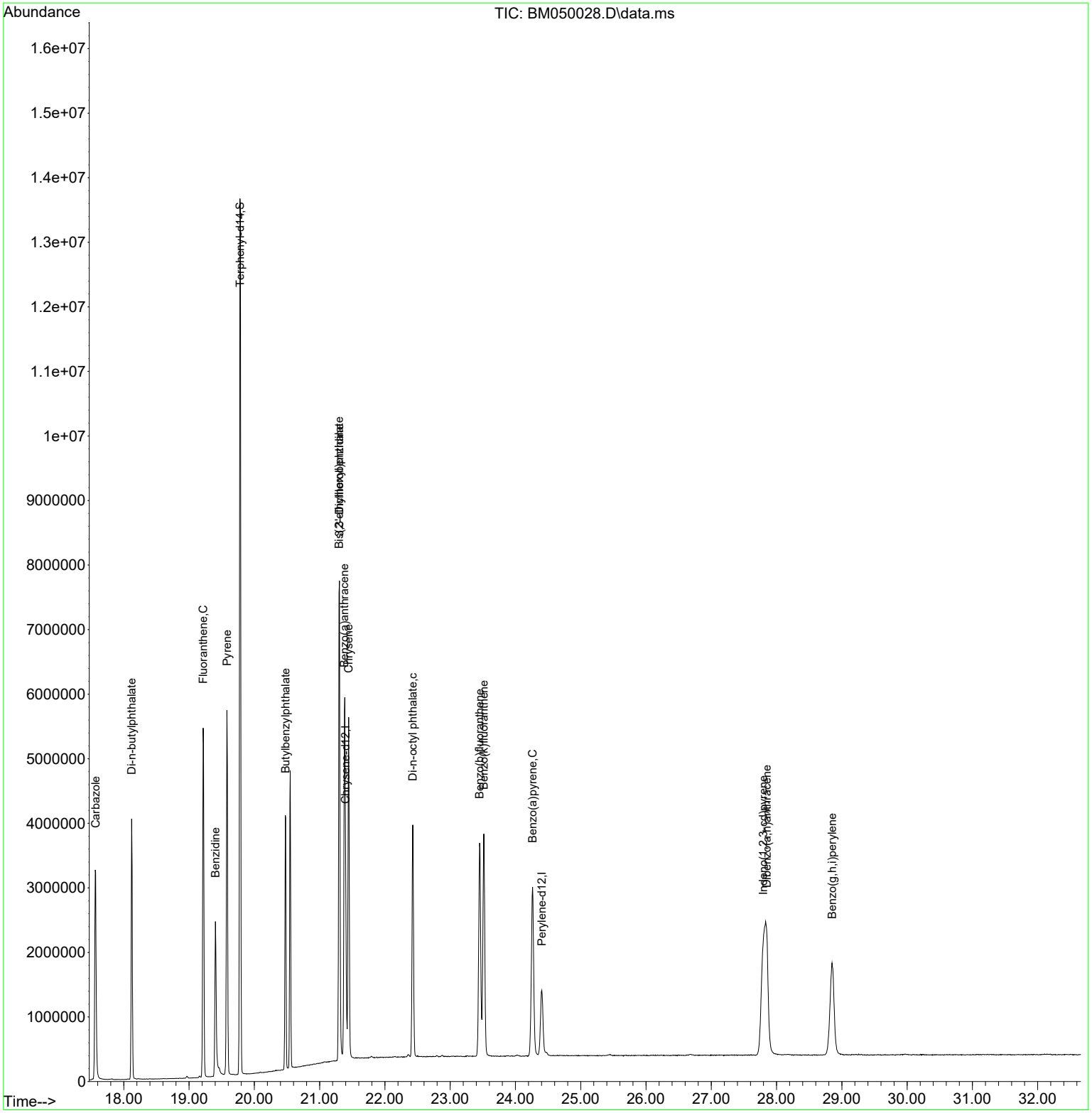
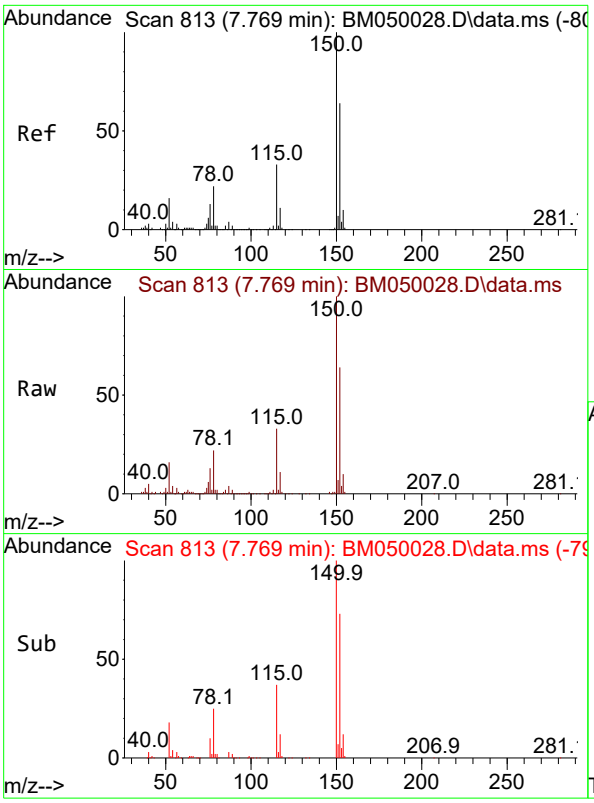


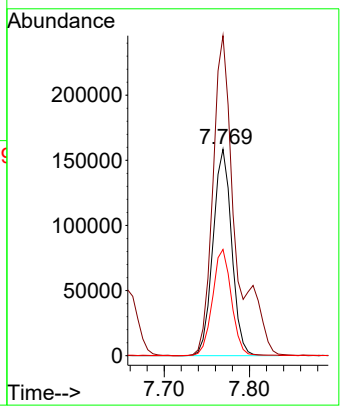


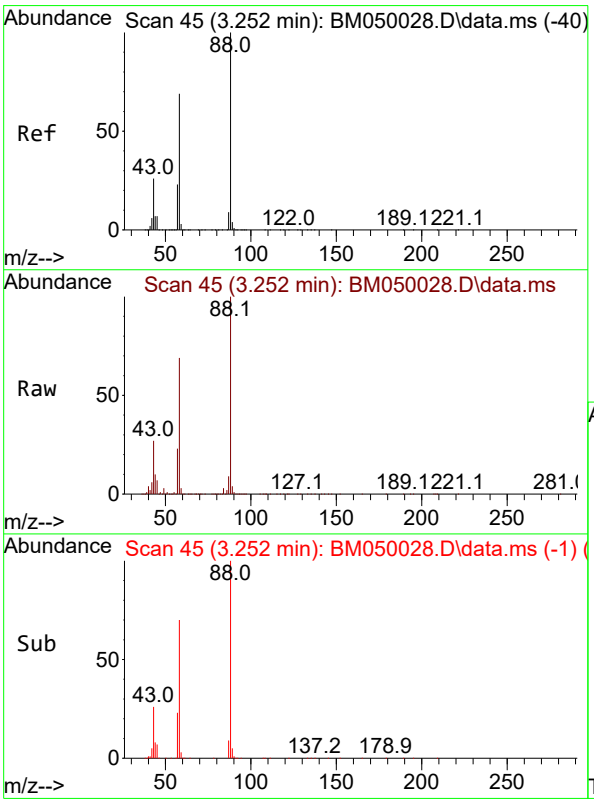
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 241109

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.1	186.1
115	51.5	41.2	61.8

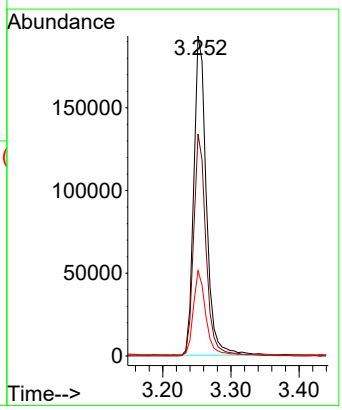


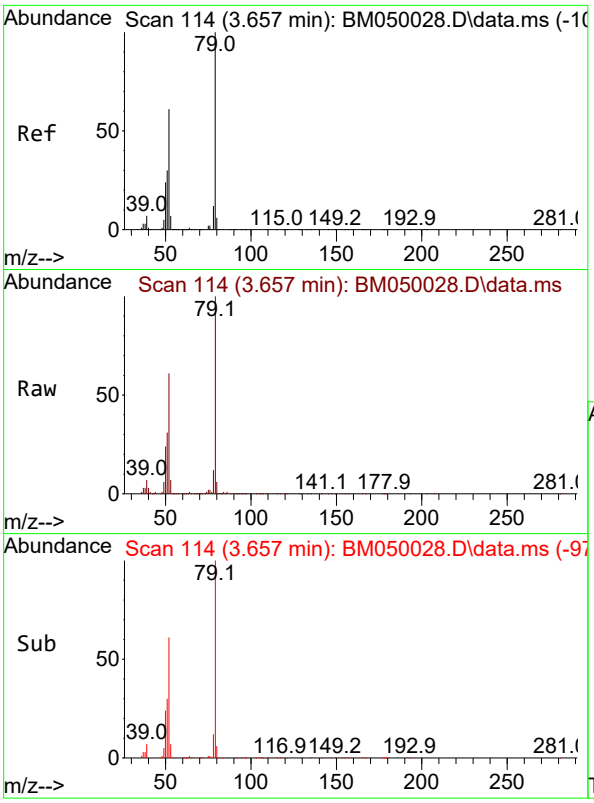


#2
1,4-Dioxane
Concen: 41.774 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 88 Resp: 246624

Ion	Ratio	Lower	Upper
88	100		
58	68.9	55.1	82.7
43	26.1	20.9	31.3



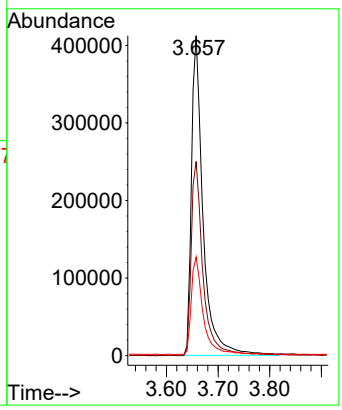


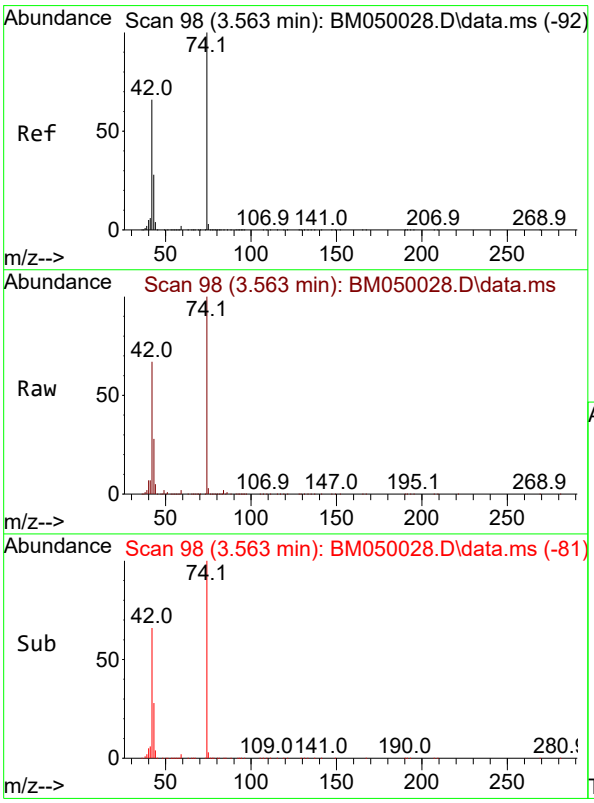
#3
Pyridine
Concen: 42.316 ng
RT: 3.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 641890

Ion	Ratio	Lower	Upper
79	100		
52	60.7	48.6	72.8
51	30.8	24.6	37.0

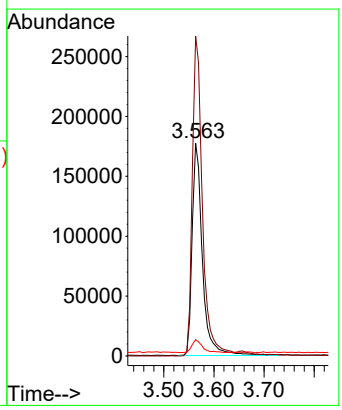


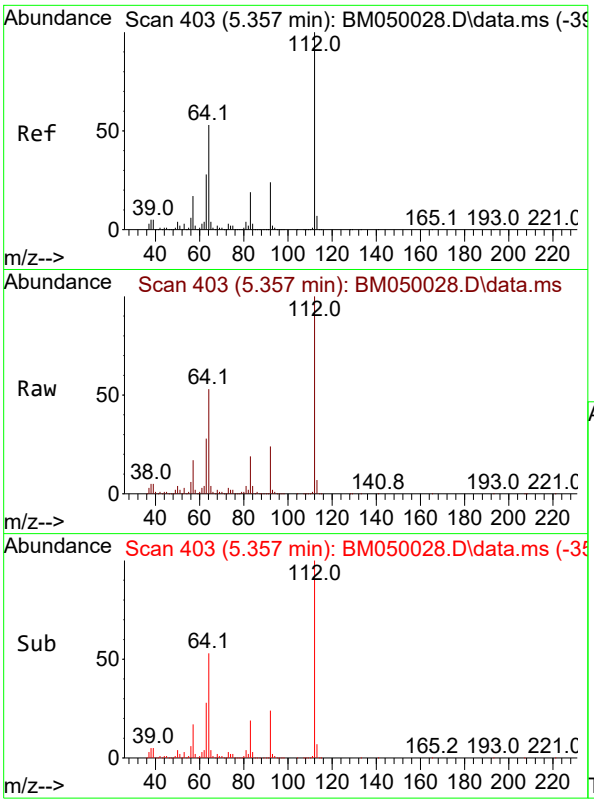


#4
n-Nitrosodimethylamine
Concen: 42.316 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 42 Resp: 251749

Ion	Ratio	Lower	Upper
42	100		
74	150.2	120.2	180.2
44	7.7	6.2	9.2



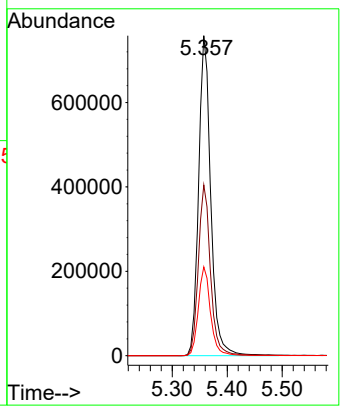


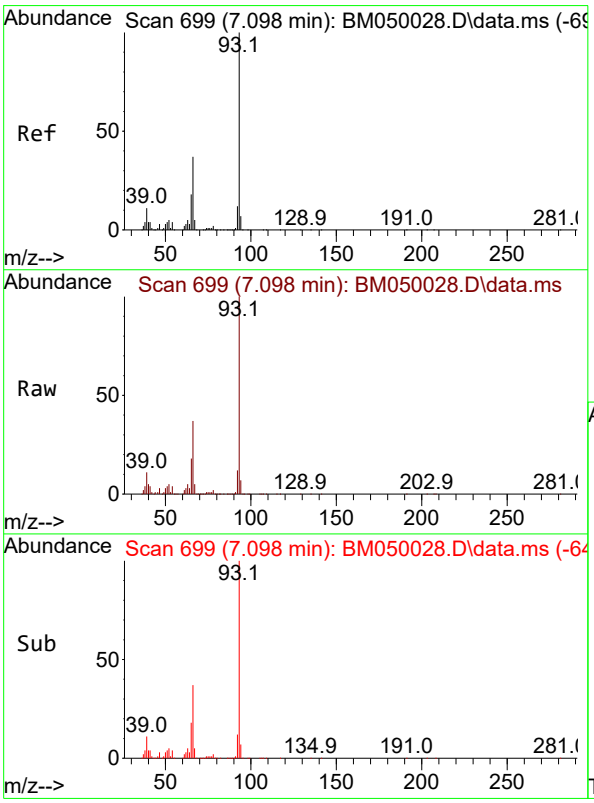
#5
2-Fluorophenol
Concen: 84.611 ng
RT: 5.357 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1165032

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.6	64.0
63	27.8	22.2	33.4

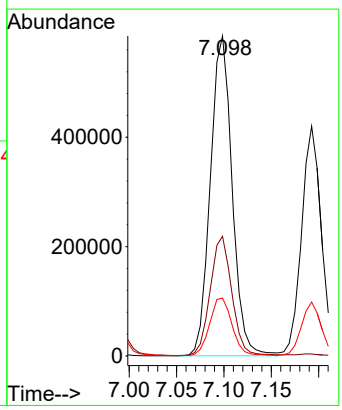


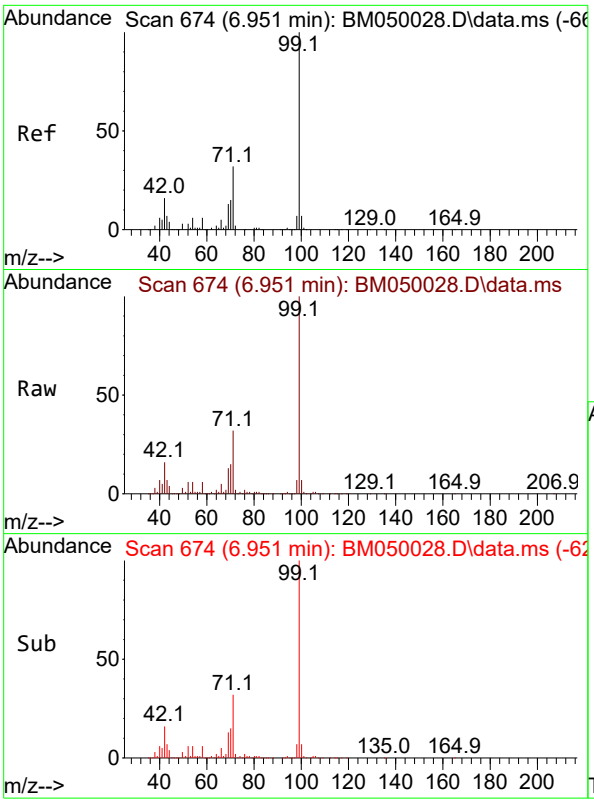


#6
Aniline
Concen: 42.862 ng
RT: 7.098 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 93 Resp: 936673

Ion	Ratio	Lower	Upper
93	100		
66	37.4	29.9	44.9
65	18.1	14.5	21.7



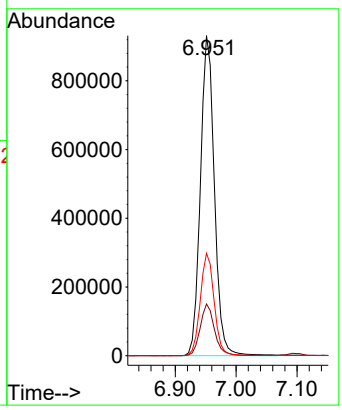


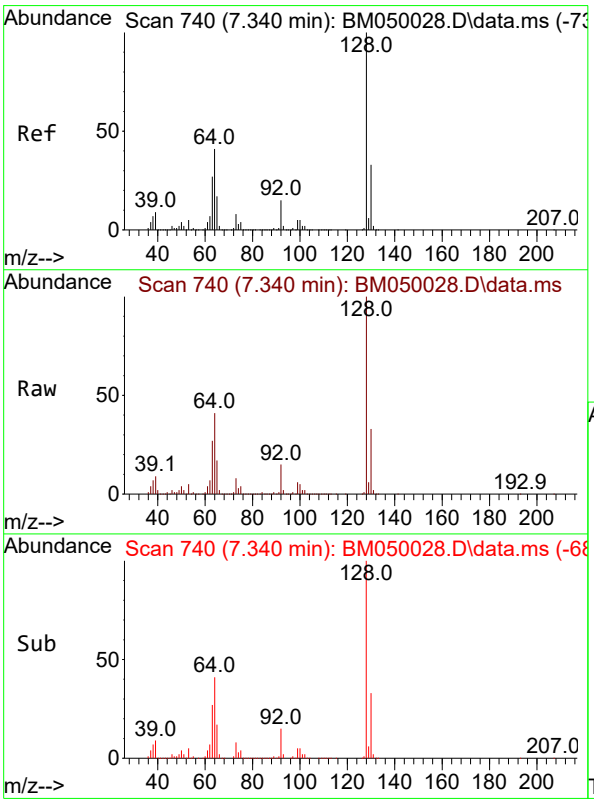
#7
Phenol-d6
Concen: 85.973 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1487856

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.0	19.4
71	32.0	25.6	38.4

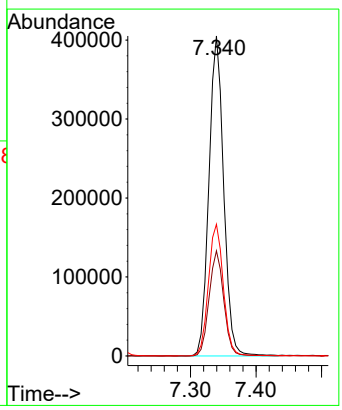


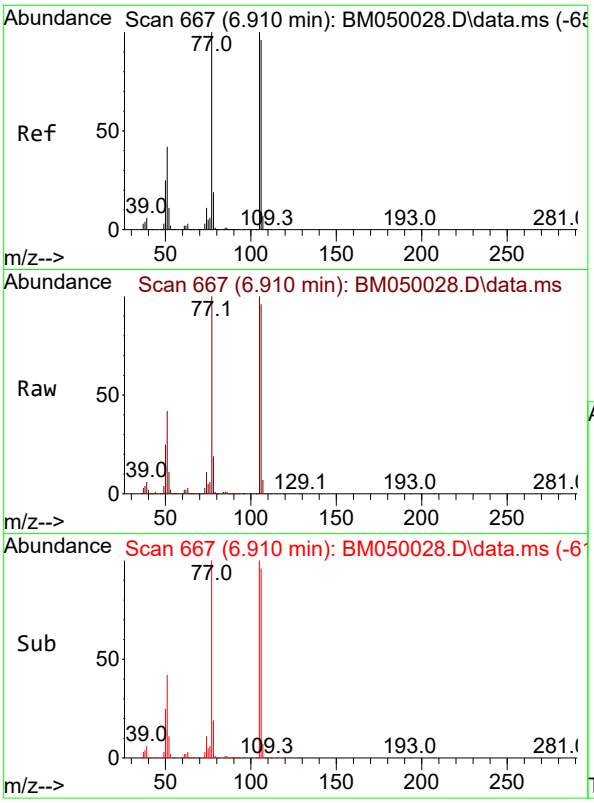


#8
2-Chlorophenol
Concen: 42.508 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:128 Resp: 632836

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	41.2	21.2	61.2



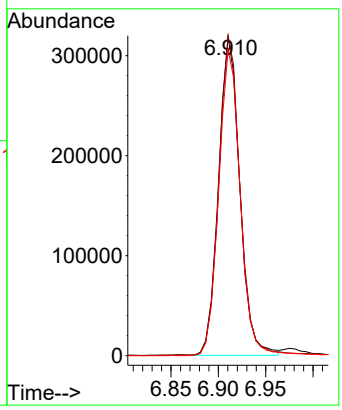


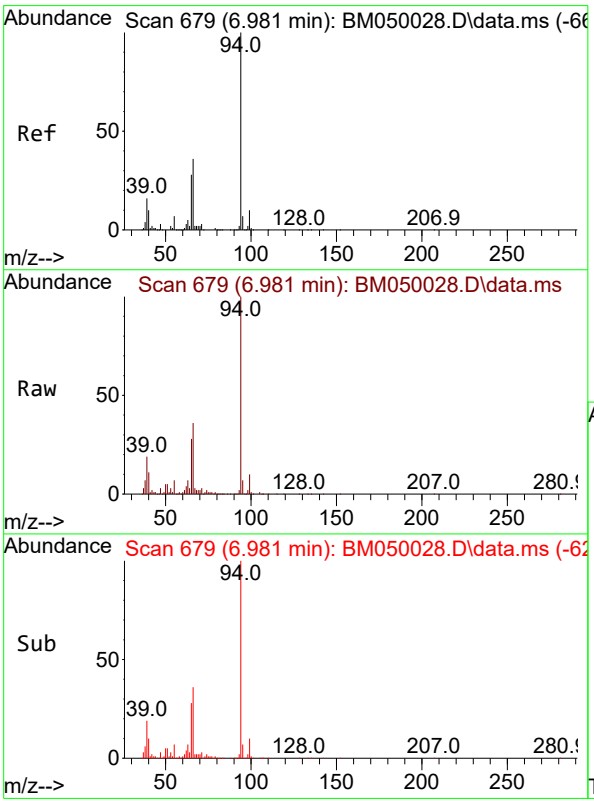
#9
Benzaldehyde
Concen: 42.981 ng
RT: 6.910 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 497166

Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.5	120.5
106	96.1	76.1	116.1

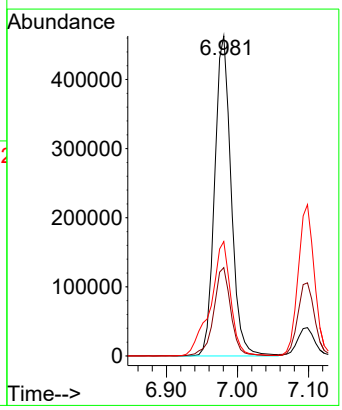


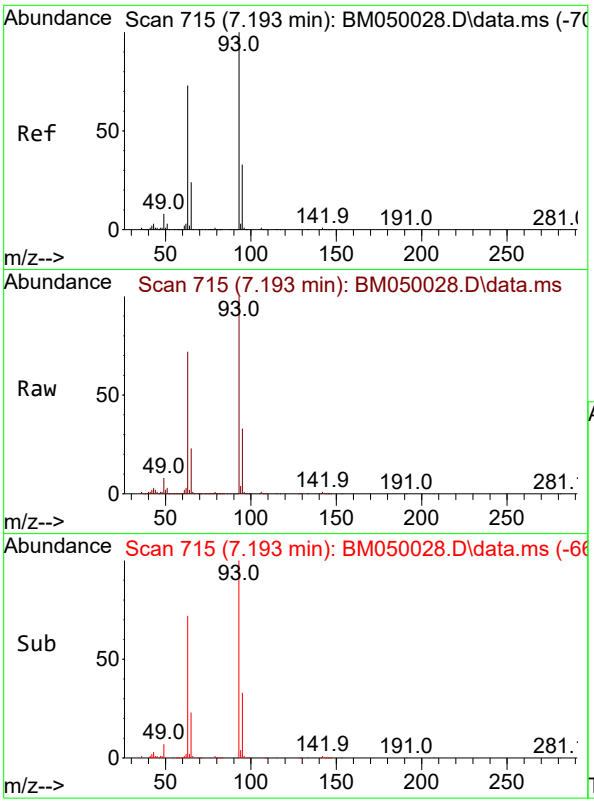


#10
Phenol
Concen: 42.370 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 94 Resp: 742305

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.6	47.6
66	35.8	15.8	55.8



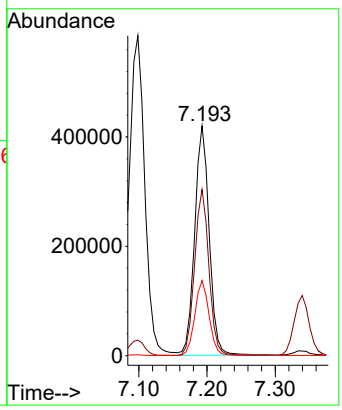


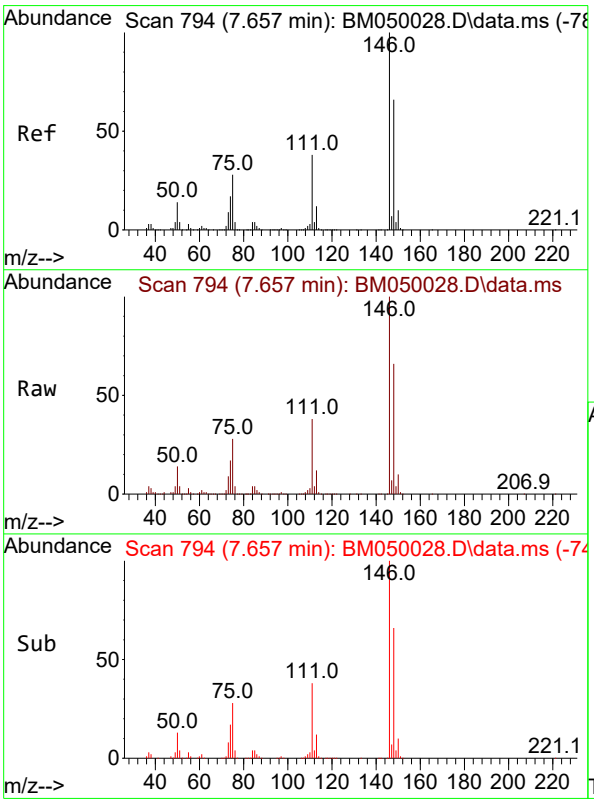
#11
bis(2-Chloroethyl)ether
Concen: 42.166 ng
RT: 7.193 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 616851

Ion	Ratio	Lower	Upper
93	100		
63	72.3	52.3	92.3
95	32.8	12.8	52.8

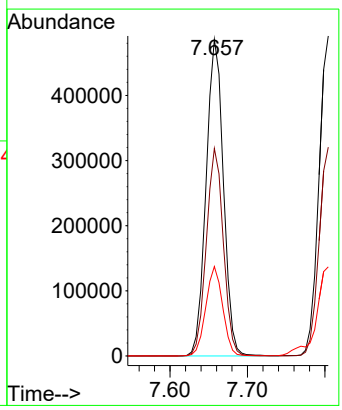


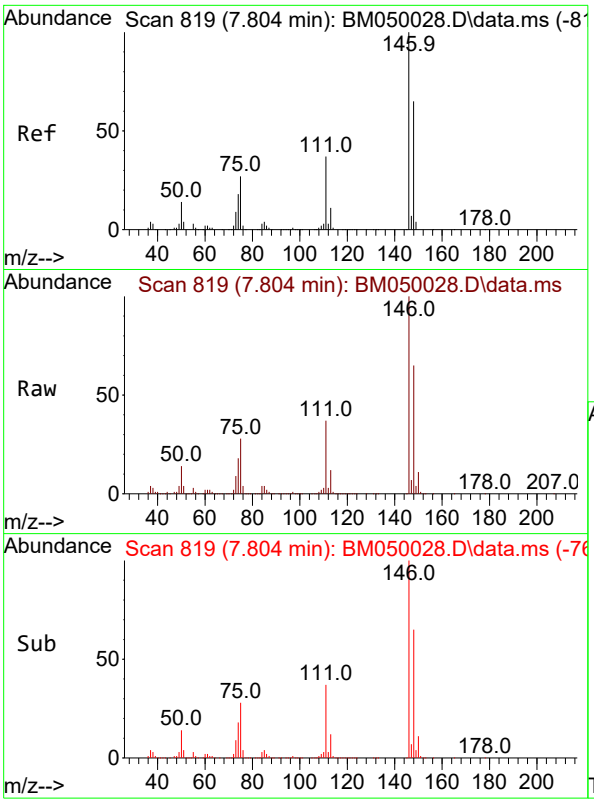


#12
1,3-Dichlorobenzene
Concen: 41.979 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:146 Resp: 754937

Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.5	78.7
75	28.3	22.6	34.0



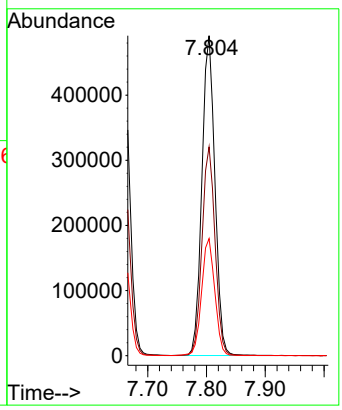


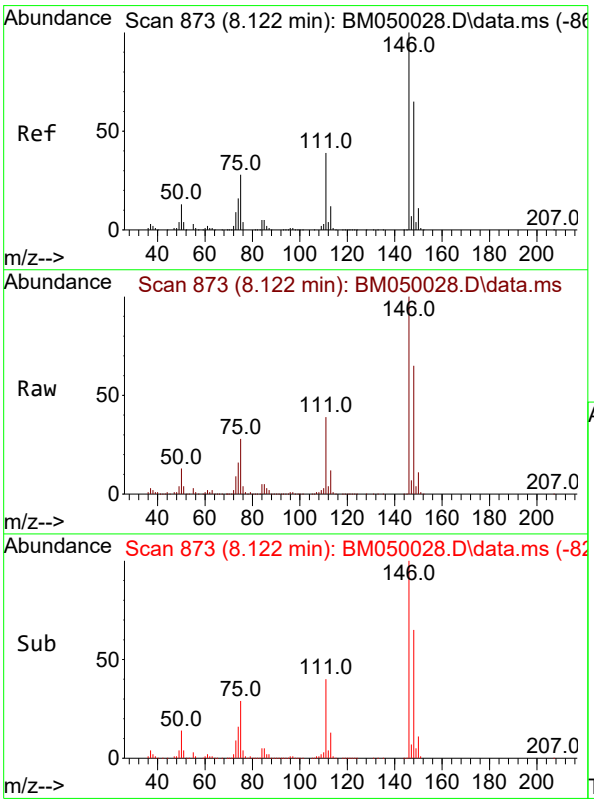
#13
1,4-Dichlorobenzene
Concen: 41.677 ng
RT: 7.804 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 752959

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	36.6	29.3	43.9

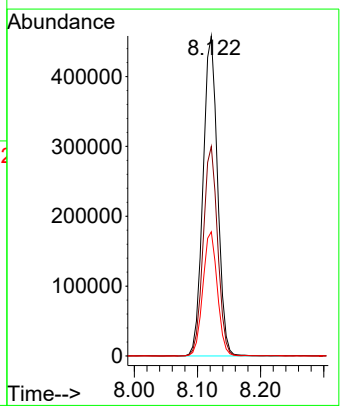


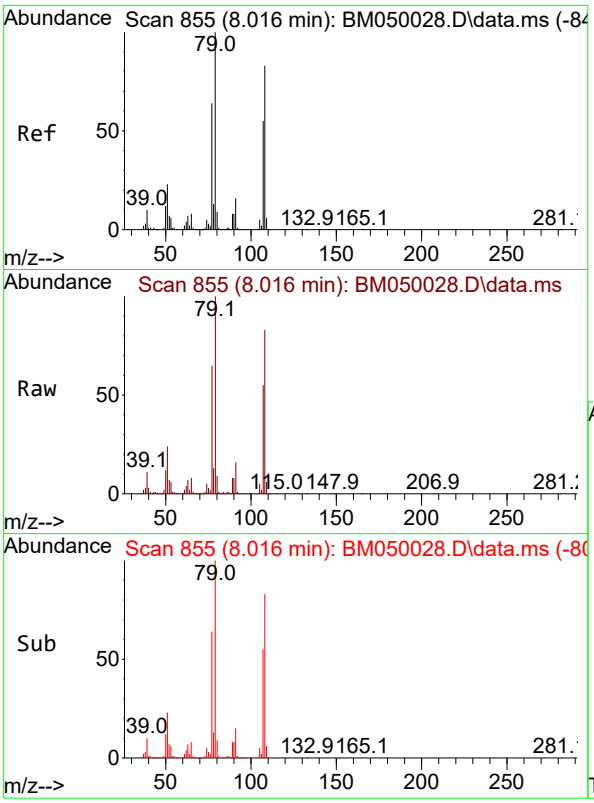


#14
1,2-Dichlorobenzene
Concen: 42.050 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:146 Resp: 733848

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.4	78.6
111	38.8	31.0	46.6



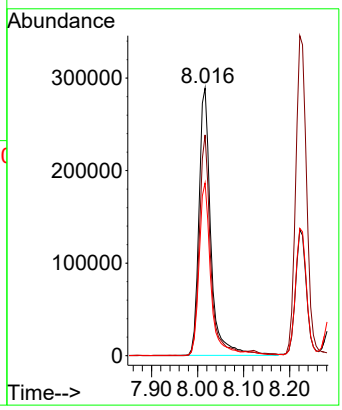


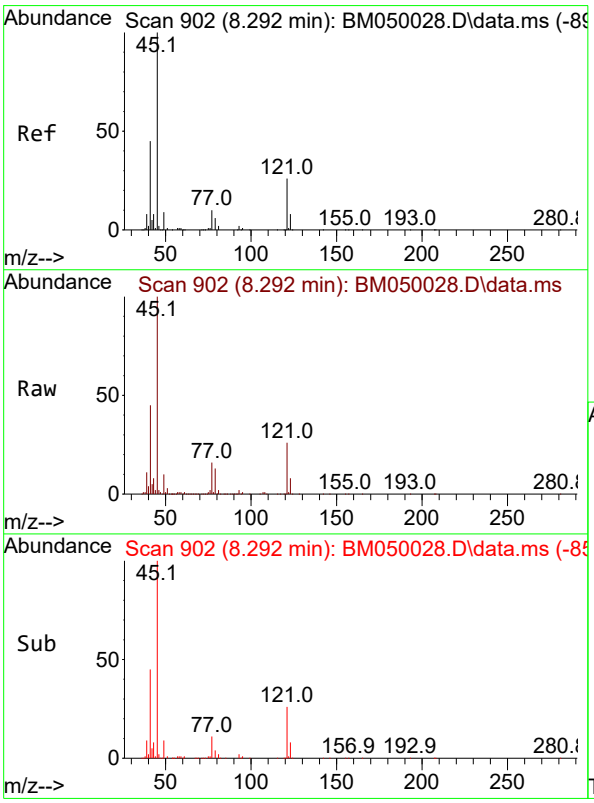
#15
Benzyl Alcohol
Concen: 43.413 ng
RT: 8.016 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 521025

Ion	Ratio	Lower	Upper
79	100		
108	82.5	66.0	99.0
77	64.5	51.6	77.4

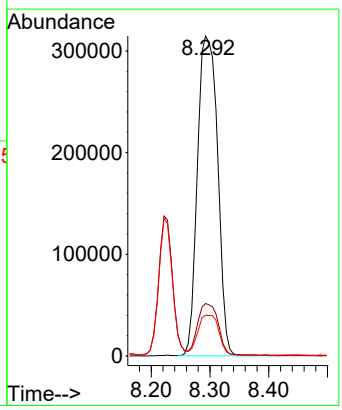


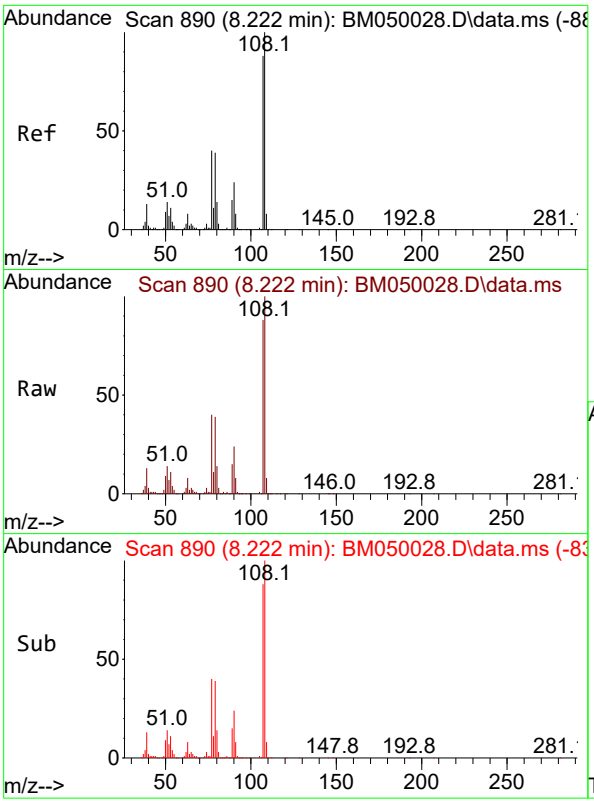


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.085 ng
RT: 8.292 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 45 Resp: 748400

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.7	0.0	32.7



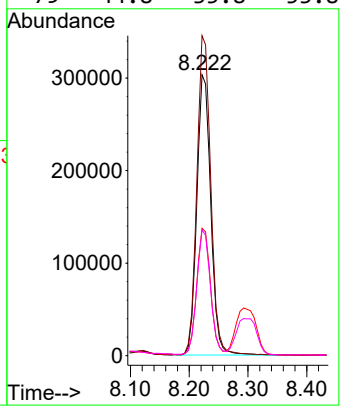


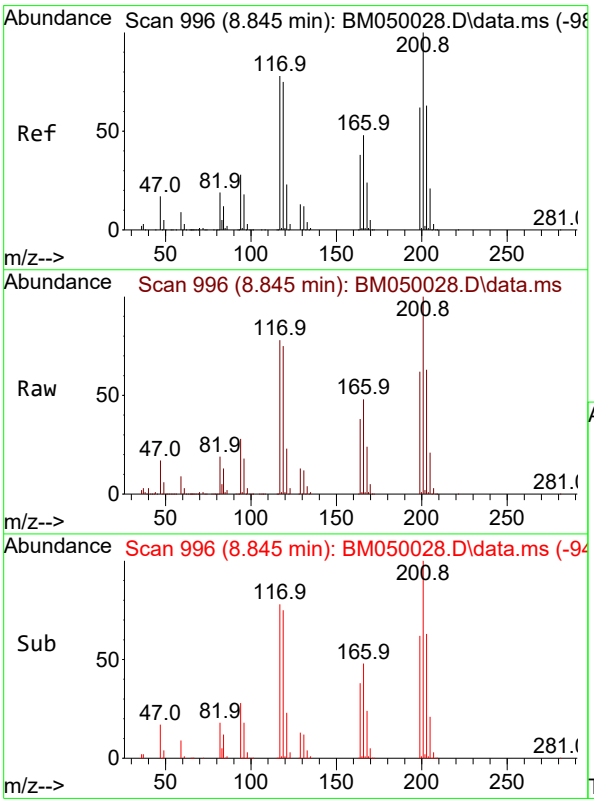
#17
2-Methylphenol
Concen: 43.149 ng
RT: 8.222 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 498005

Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	45.3	36.2	54.4
79	44.8	35.8	53.8

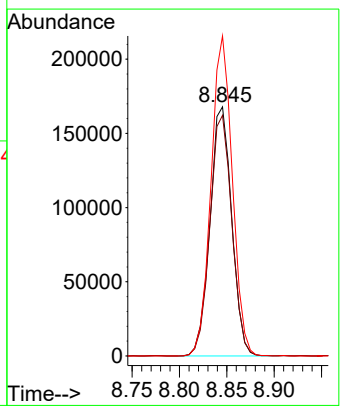


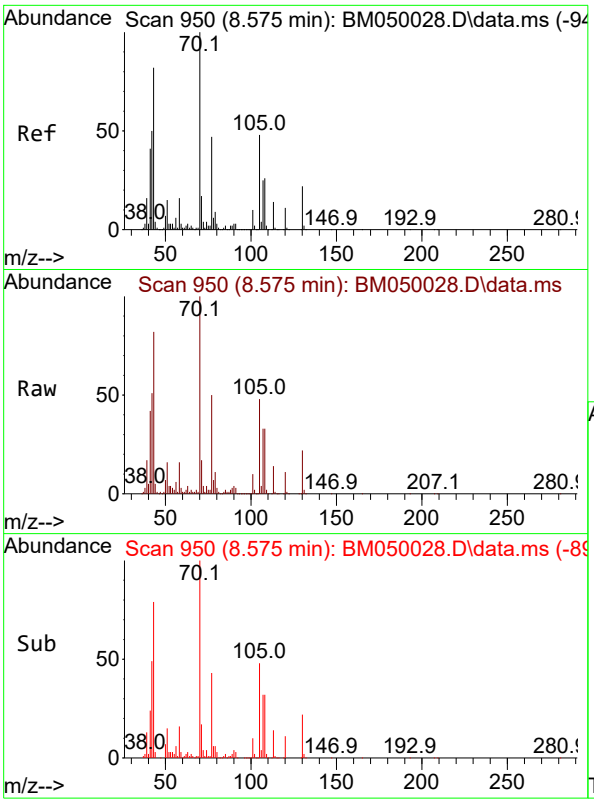


#18
Hexachloroethane
Concen: 41.780 ng
RT: 8.845 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:117 Resp: 268328

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
201	128.5	102.8	154.2



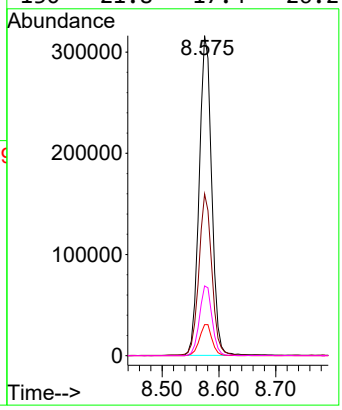


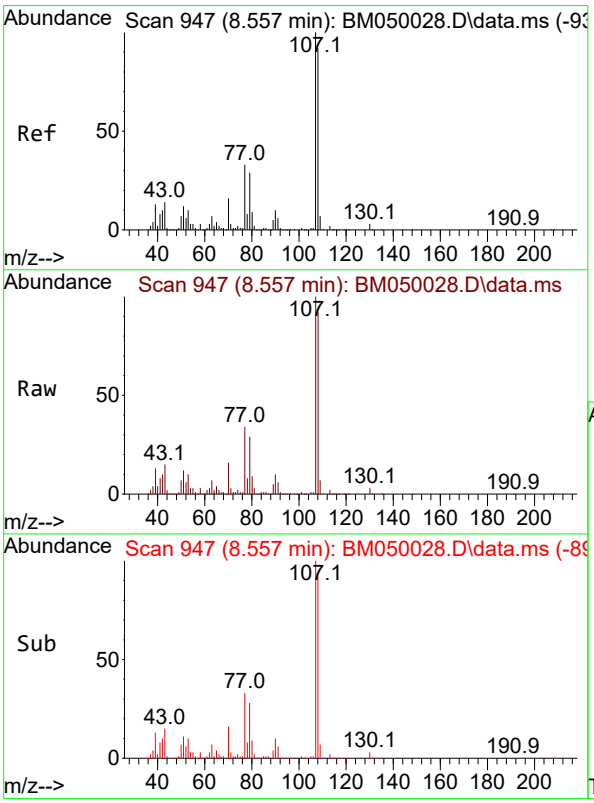
#19
n-Nitroso-di-n-propylamine
Concen: 43.579 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 483699

Ion	Ratio	Lower	Upper
70	100		
42	50.6	40.5	60.7
101	9.7	7.8	11.6
130	21.8	17.4	26.2

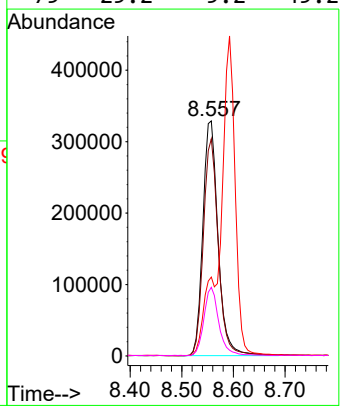


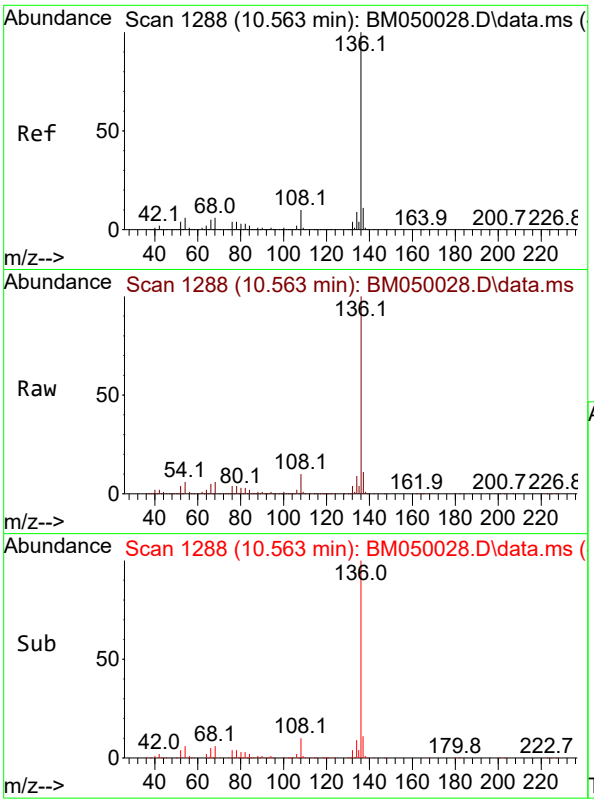


#20
3+4-Methylphenols
Concen: 43.111 ng
RT: 8.557 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:107 Resp: 671942

Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.4	112.4
77	33.6	13.6	53.6
79	29.2	9.2	49.2



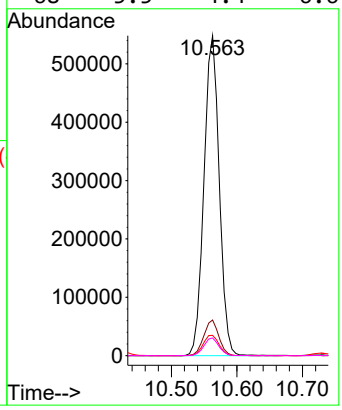


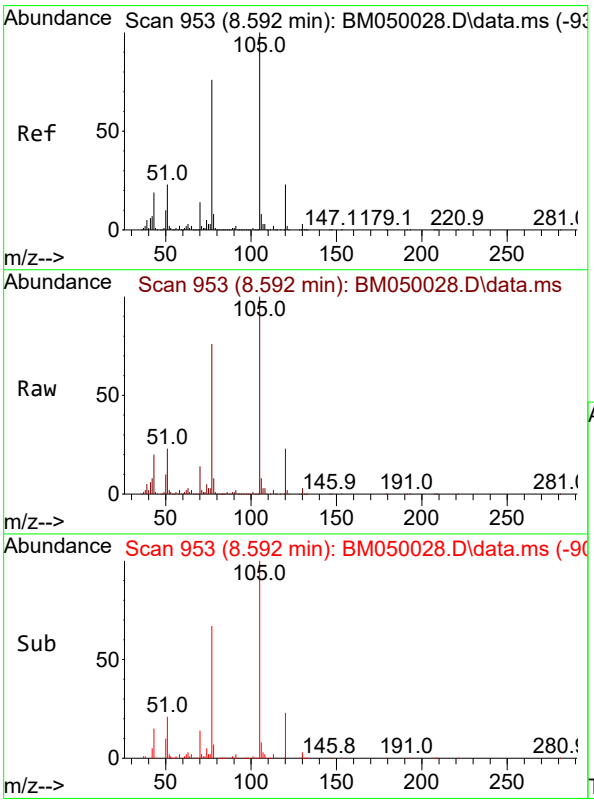
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 890488

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.4	5.1	7.7
68	5.5	4.4	6.6

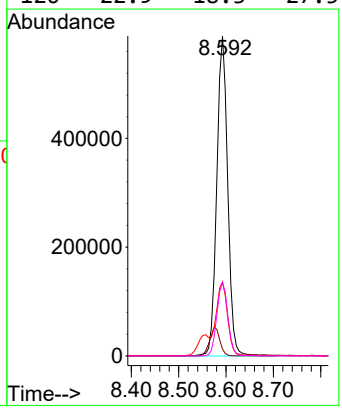


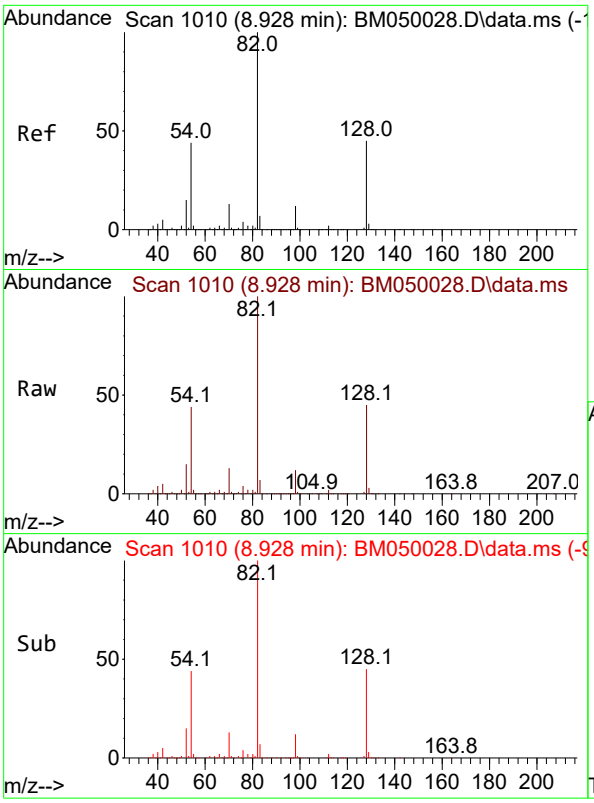


#22
Acetophenone
Concen: 42.735 ng
RT: 8.592 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:105 Resp: 946106

Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	23.2	18.6	27.8
120	22.9	18.3	27.5



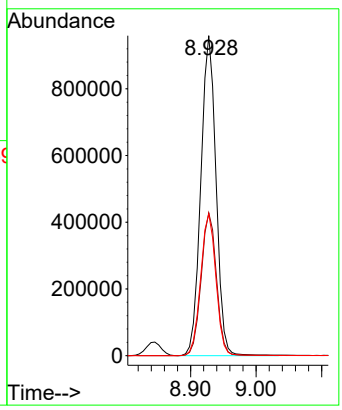


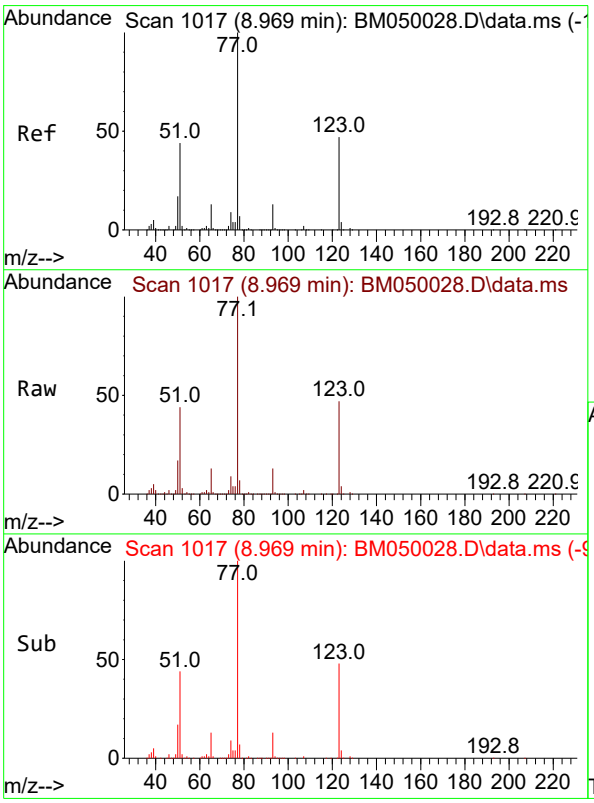
#23
Nitrobenzene-d5
Concen: 85.620 ng
RT: 8.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1547270

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	44.3	35.4	53.2

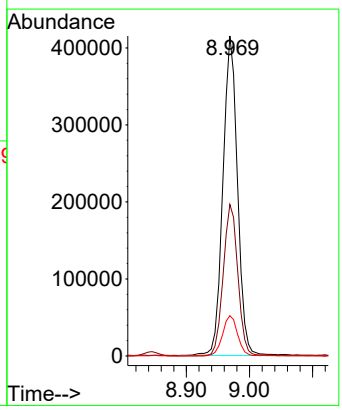


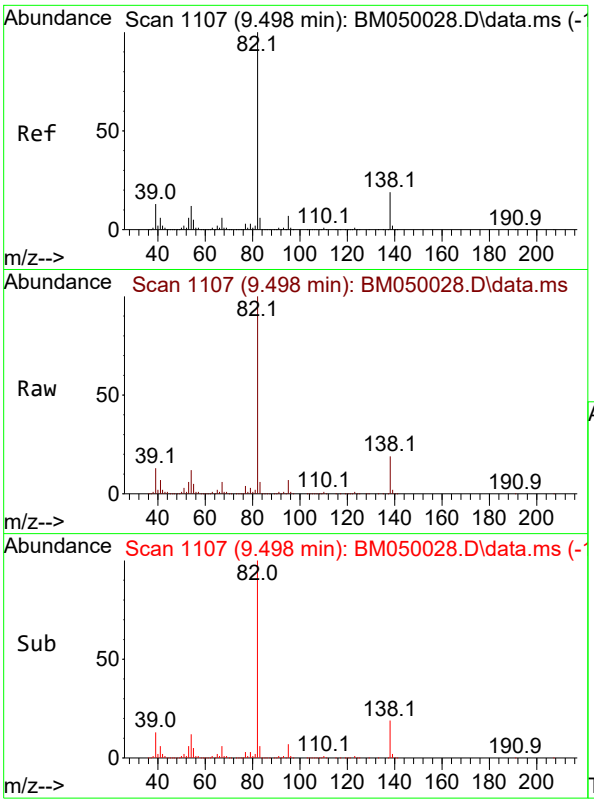


#24
Nitrobenzene
Concen: 42.625 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 77 Resp: 666034

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.9	56.9
65	12.6	10.1	15.1



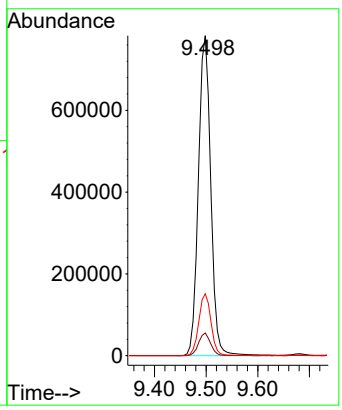


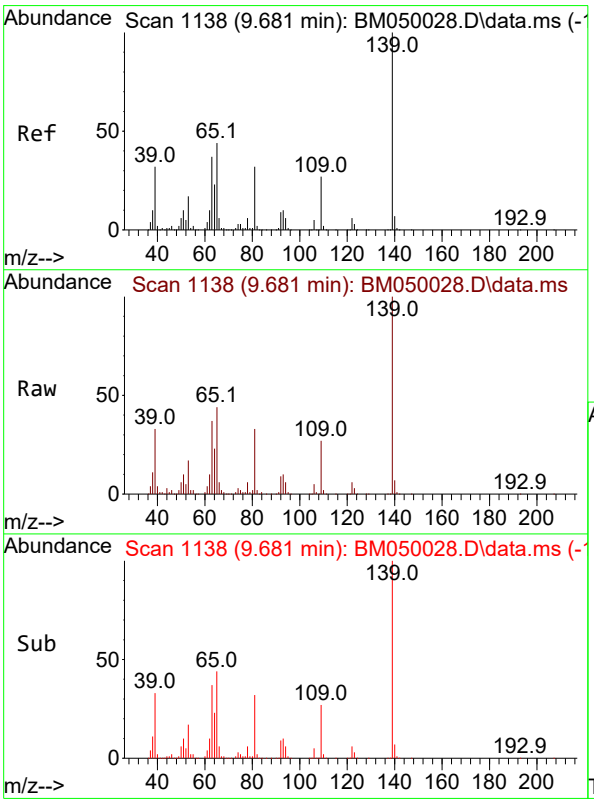
#25
Isophorone
Concen: 42.156 ng
RT: 9.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1298577

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	19.4	15.5	23.3

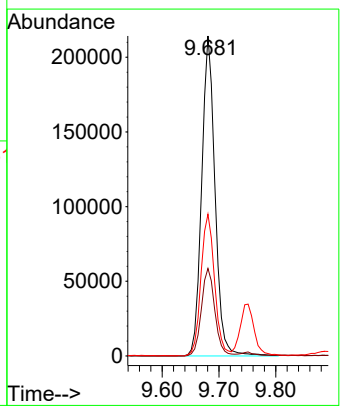


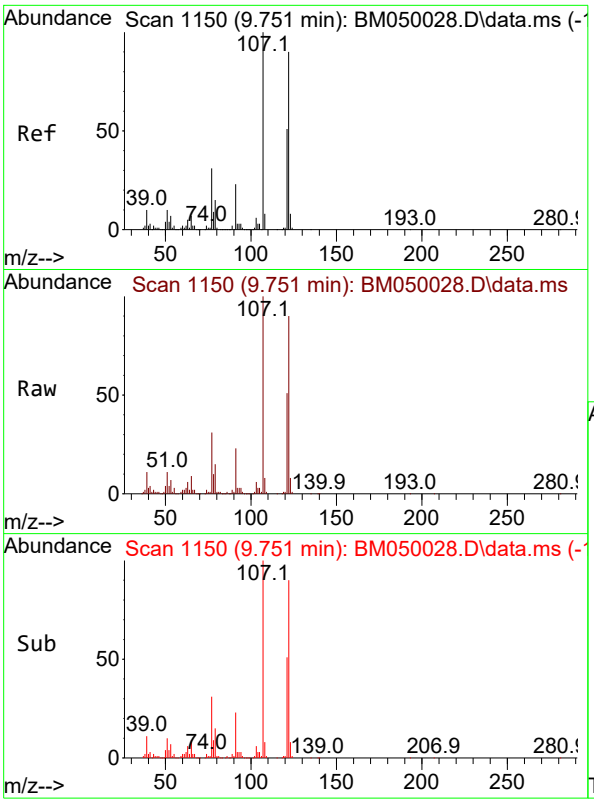


#26
2-Nitrophenol
Concen: 43.827 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:139 Resp: 349855

Ion	Ratio	Lower	Upper
139	100		
109	27.4	21.9	32.9
65	44.3	35.4	53.2



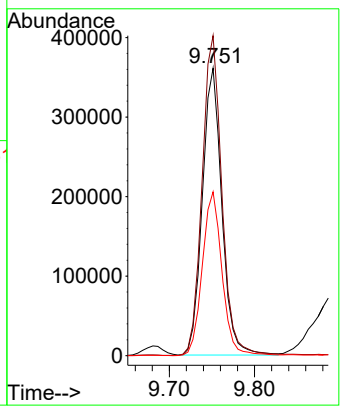


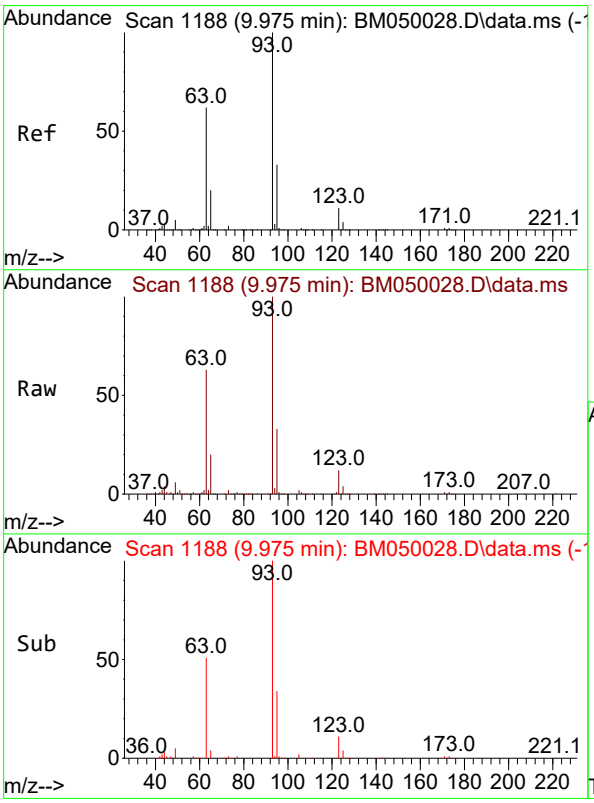
#27
2,4-Dimethylphenol
Concen: 43.552 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 576549

Ion	Ratio	Lower	Upper
122	100		
107	111.3	89.0	133.6
121	57.0	45.6	68.4

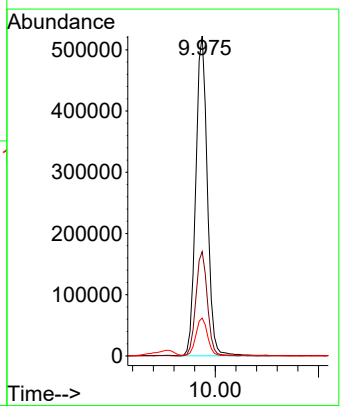


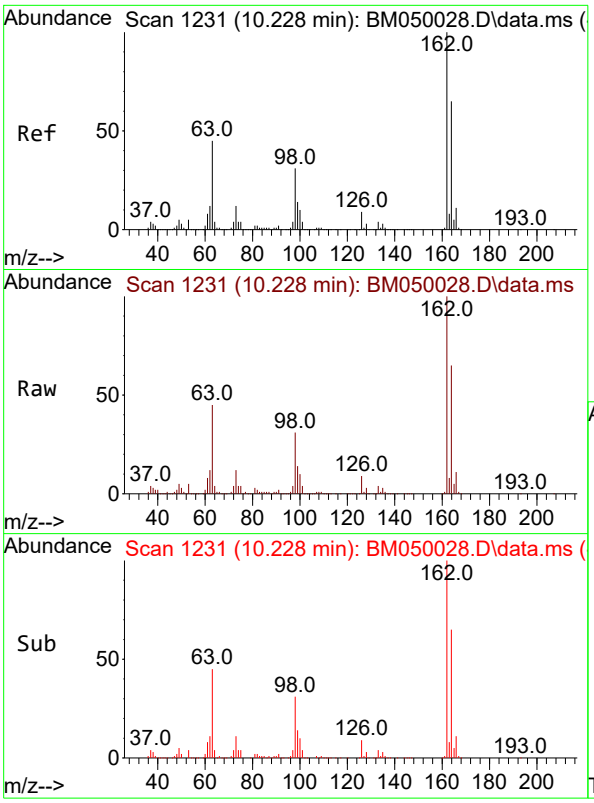


#28
bis(2-Chloroethoxy)methane
Concen: 42.518 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 93 Resp: 809528

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.9	9.5	14.3



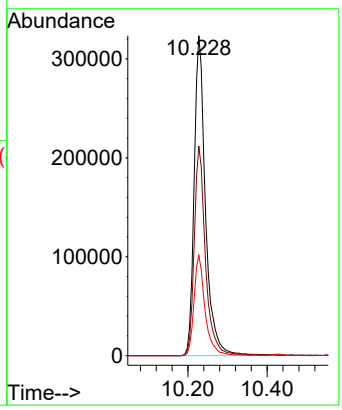


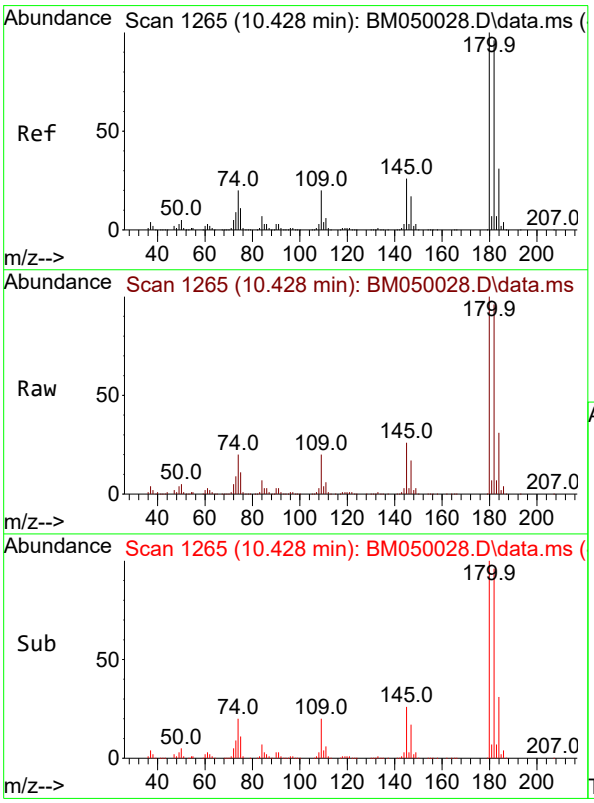
#29
2,4-Dichlorophenol
Concen: 43.461 ng
RT: 10.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 644546

Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.4	85.4
98	31.3	11.3	51.3

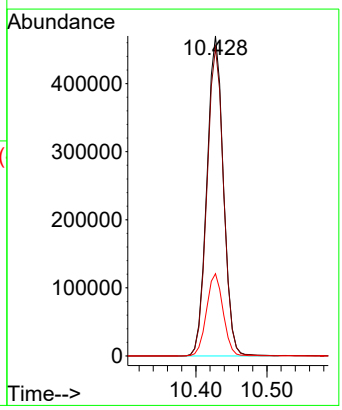


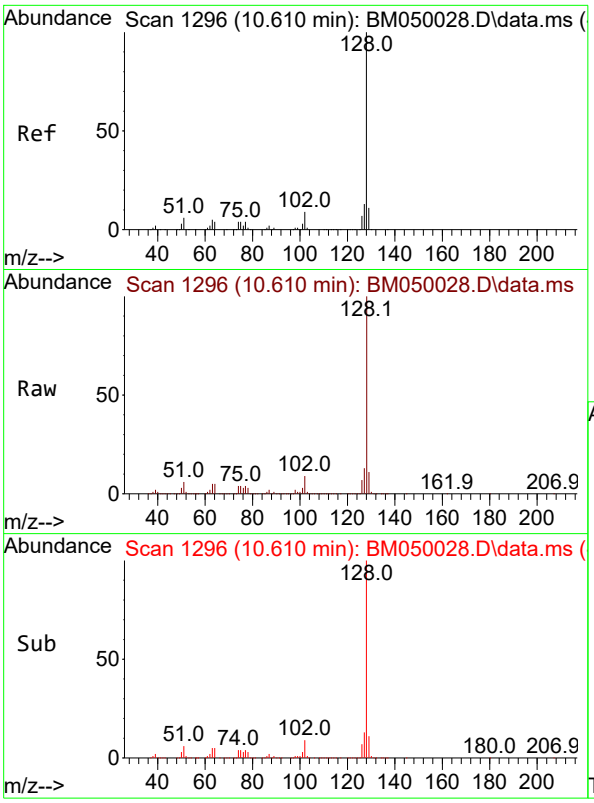


#30
1,2,4-Trichlorobenzene
Concen: 42.060 ng
RT: 10.428 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:180 Resp: 759987

Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
145	25.7	20.6	30.8



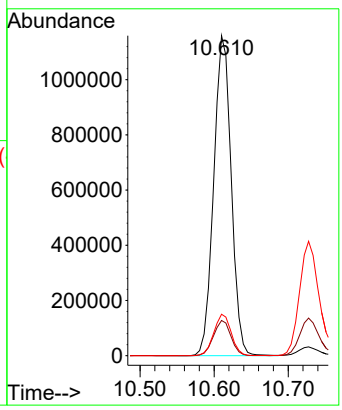


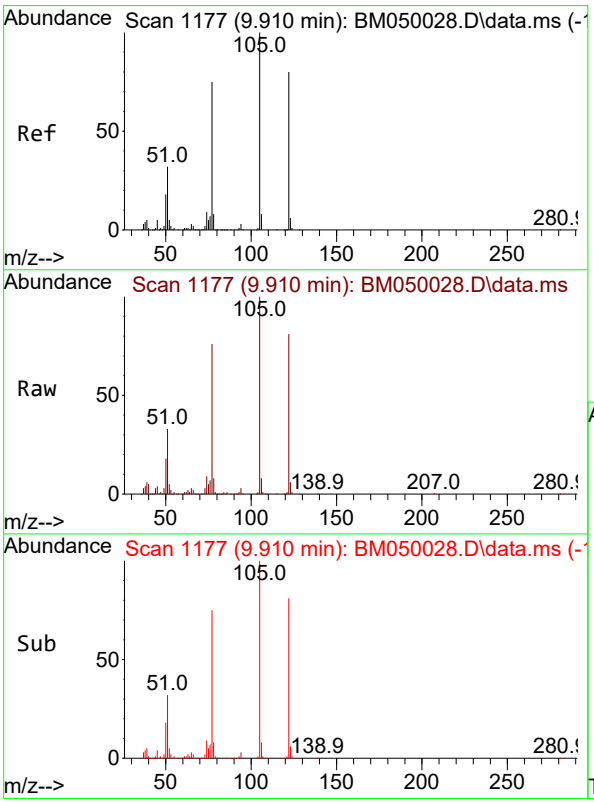
#31
Naphthalene
Concen: 42.100 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1898588

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.4	15.6

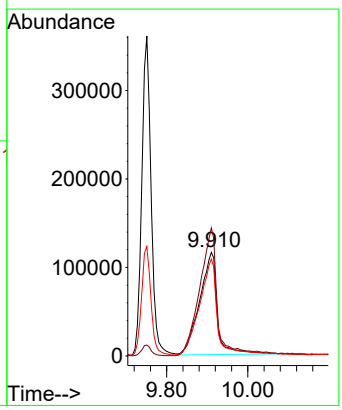


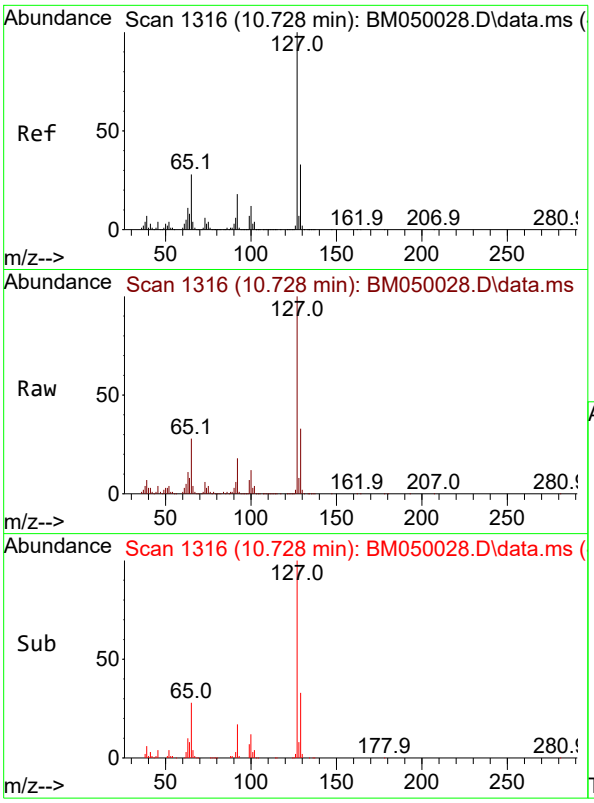


#32
Benzoic acid
Concen: 41.613 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:122 Resp: 351345

Ion	Ratio	Lower	Upper
122	100		
105	123.6	103.6	143.6
77	93.7	73.7	113.7



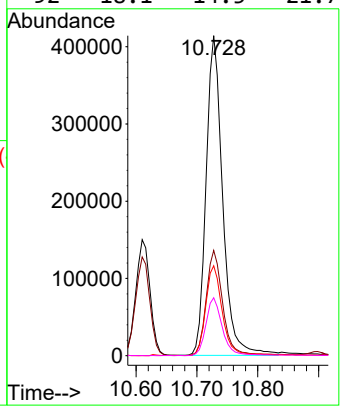


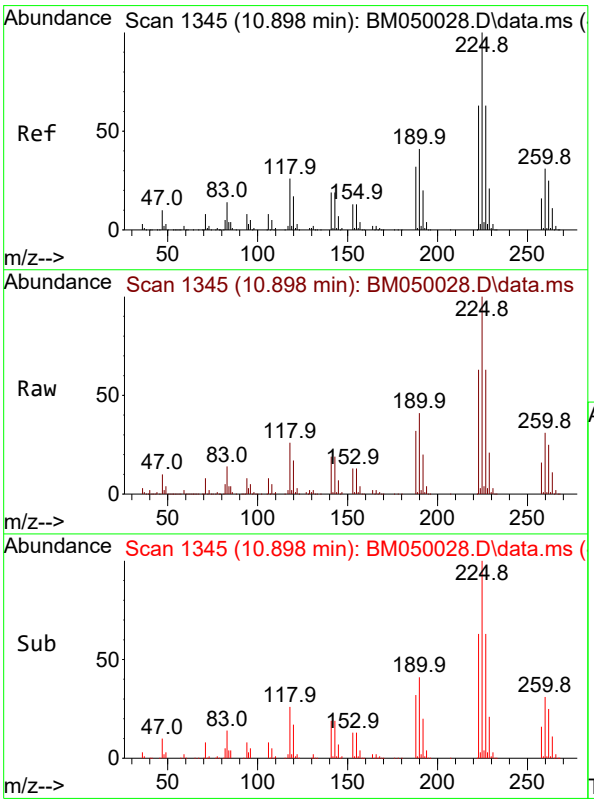
#33
4-Chloroaniline
Concen: 42.448 ng
RT: 10.728 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 784625

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	28.1	22.5	33.7
92	18.1	14.5	21.7

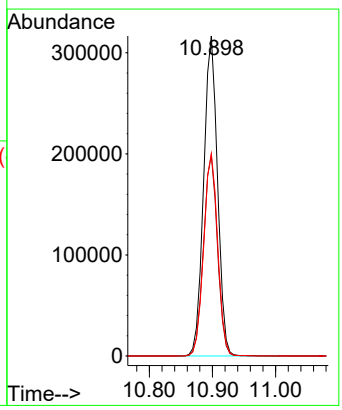


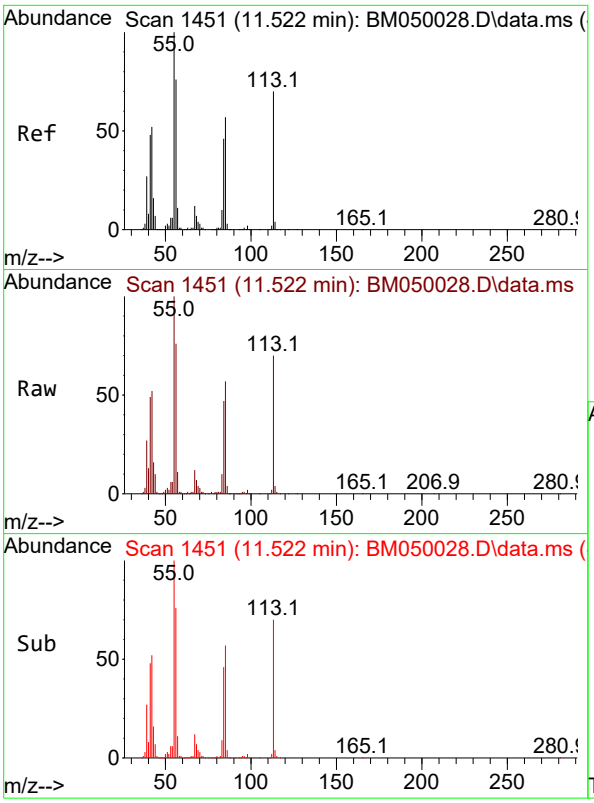


#34
Hexachlorobutadiene
Concen: 41.981 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:225 Resp: 481510

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.3	50.6	76.0



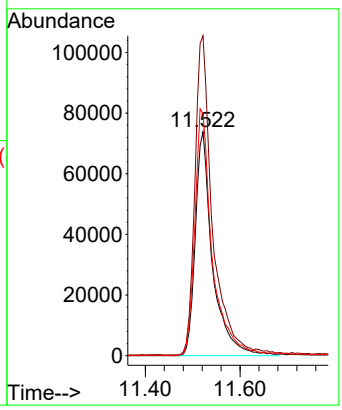


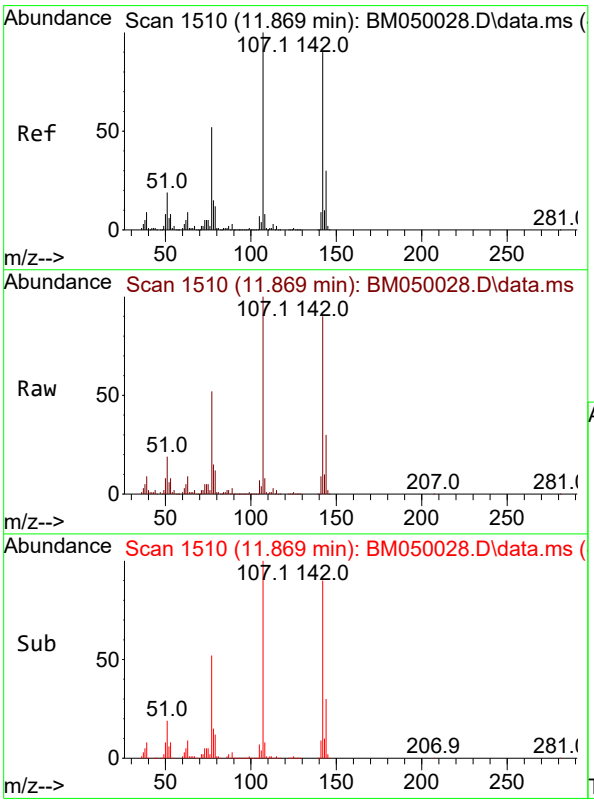
#35
Caprolactam
Concen: 43.010 ng
RT: 11.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 185984

Ion	Ratio	Lower	Upper
113	100		
55	142.9	122.9	162.9
56	108.1	88.1	128.1

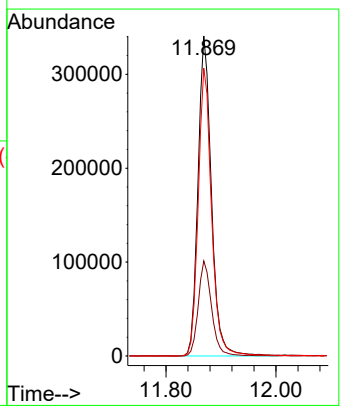


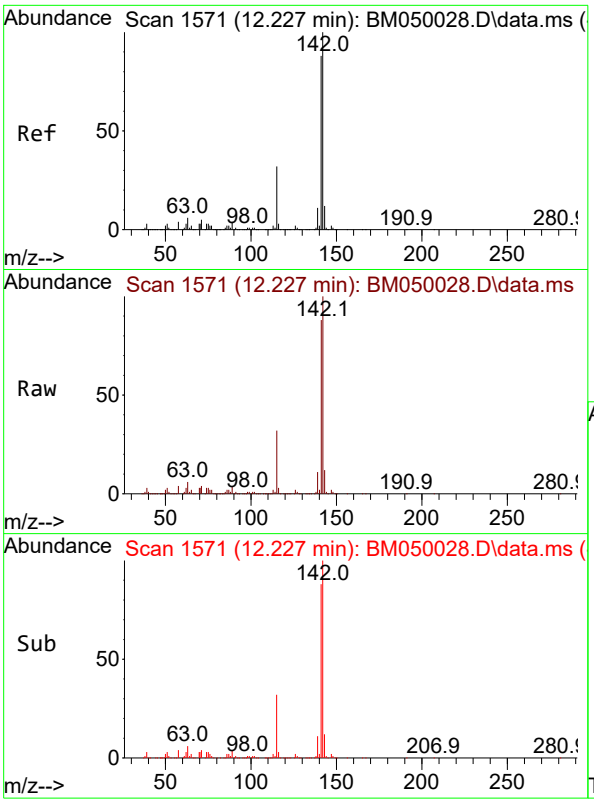


#36
4-Chloro-3-methylphenol
Concen: 42.293 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:107 Resp: 579492

Ion	Ratio	Lower	Upper
107	100		
144	29.7	23.8	35.6
142	89.9	71.9	107.9



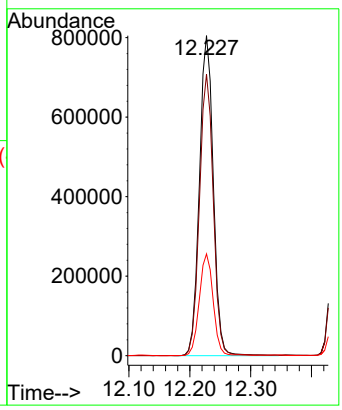


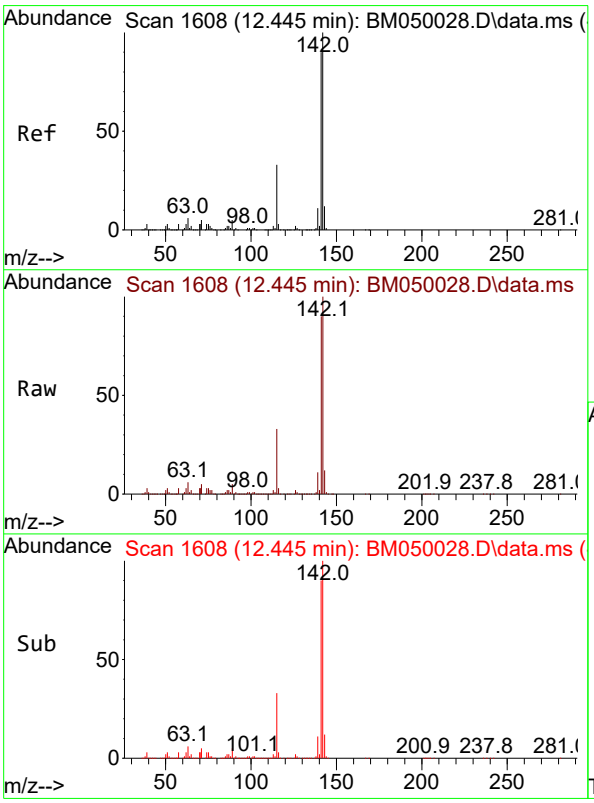
#37
2-Methylnaphthalene
Concen: 41.973 ng
RT: 12.227 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 1269061

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	31.8	25.4	38.2

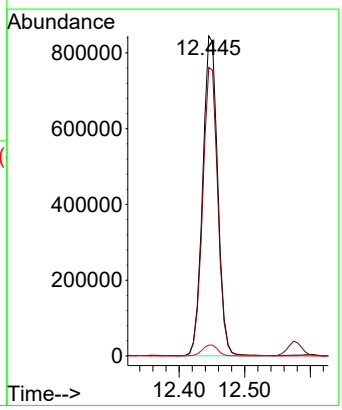


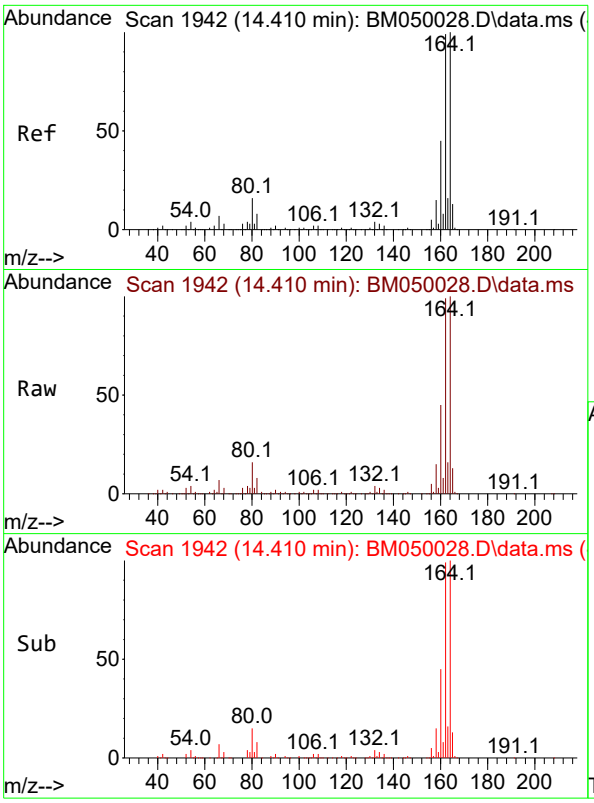


#38
1-Methylnaphthalene
Concen: 41.928 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:142 Resp: 1341577

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.1	108.1
116	3.4	2.7	4.1



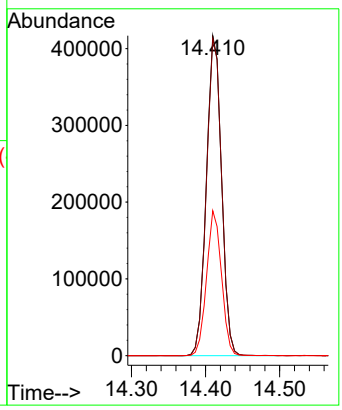


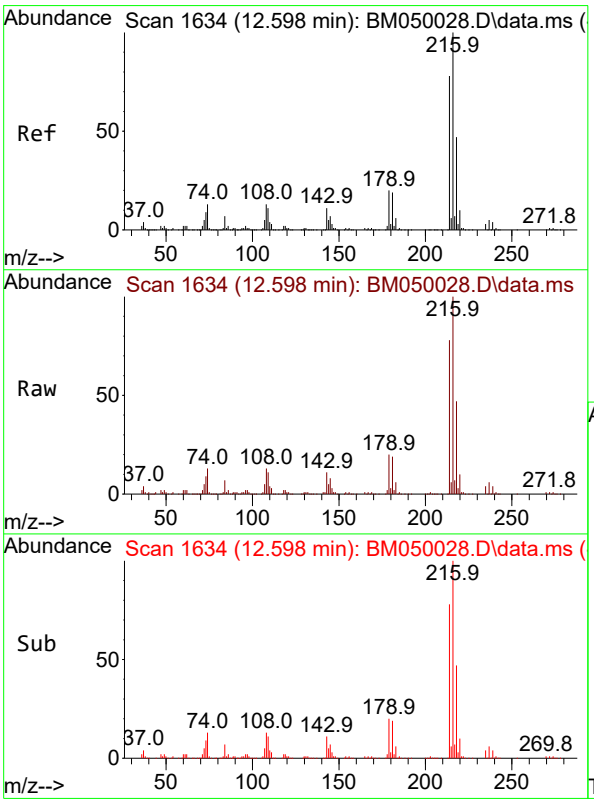
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 591599

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.4	119.0
160	45.3	36.2	54.4

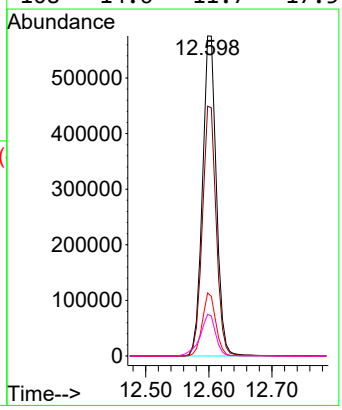


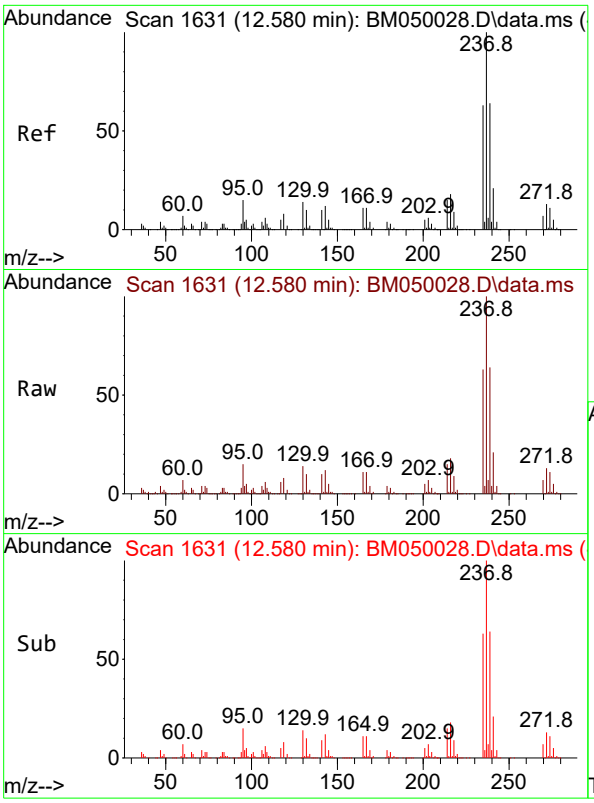


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.894 ng
RT: 12.598 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:216 Resp: 878448

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	19.2	15.4	23.0
108	14.6	11.7	17.5



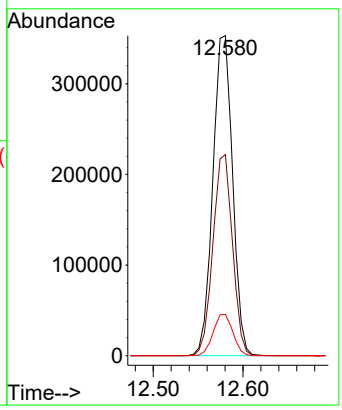


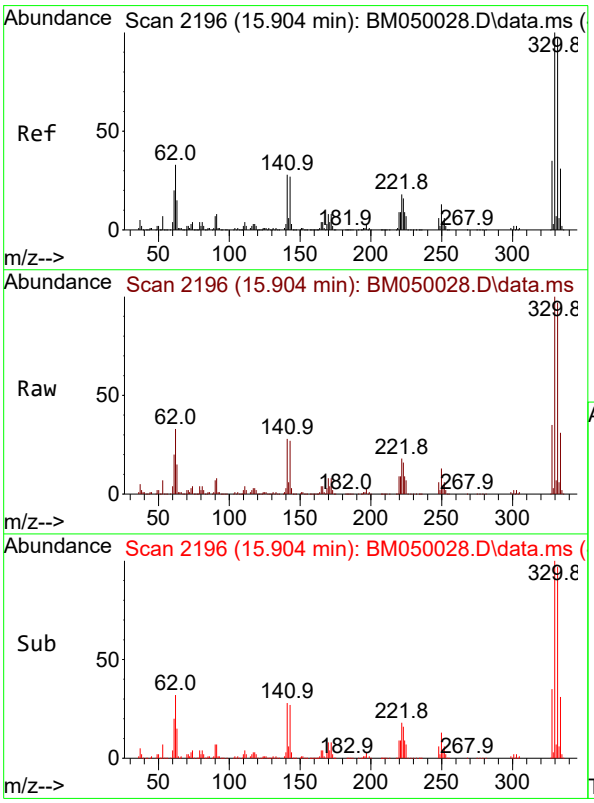
#41
Hexachlorocyclopentadiene
Concen: 43.050 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 538788

Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.9	82.9
272	12.9	0.0	32.9

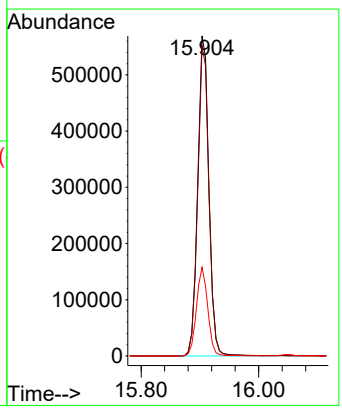


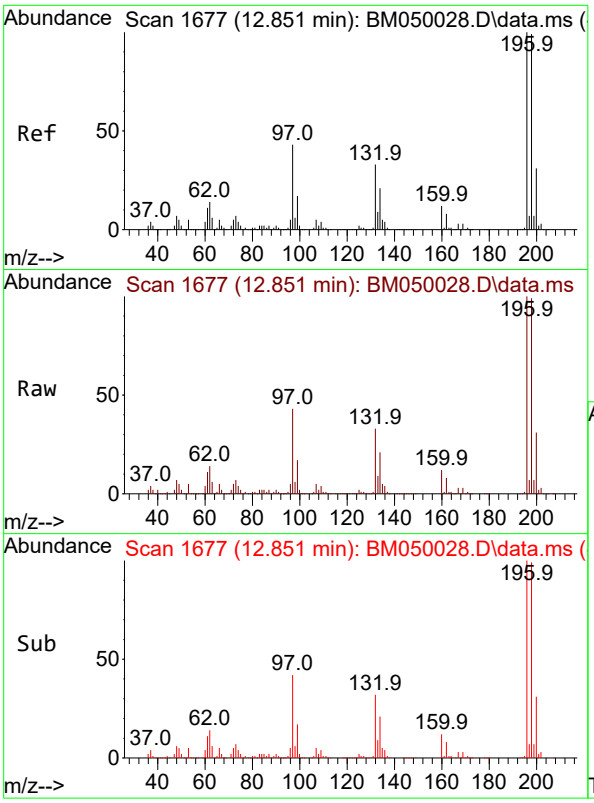


#42
2,4,6-Tribromophenol
Concen: 85.958 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:330 Resp: 751927

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	28.1	22.5	33.7



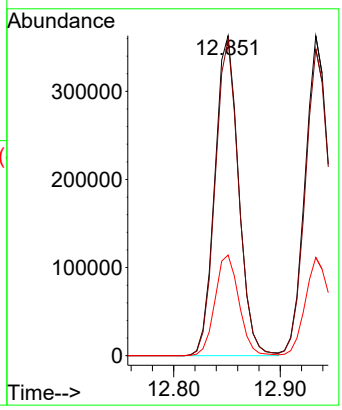


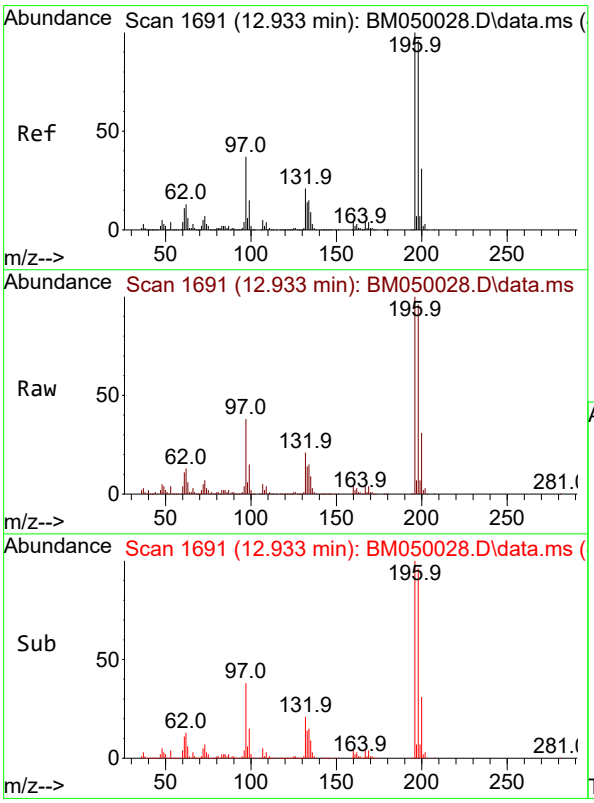
#43
2,4,6-Trichlorophenol
Concen: 43.368 ng
RT: 12.851 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 563324

Ion	Ratio	Lower	Upper
196	100		
198	98.8	79.0	118.6
200	31.4	25.1	37.7

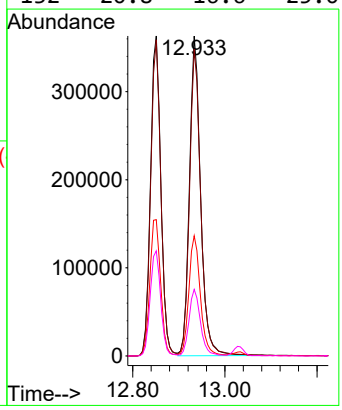


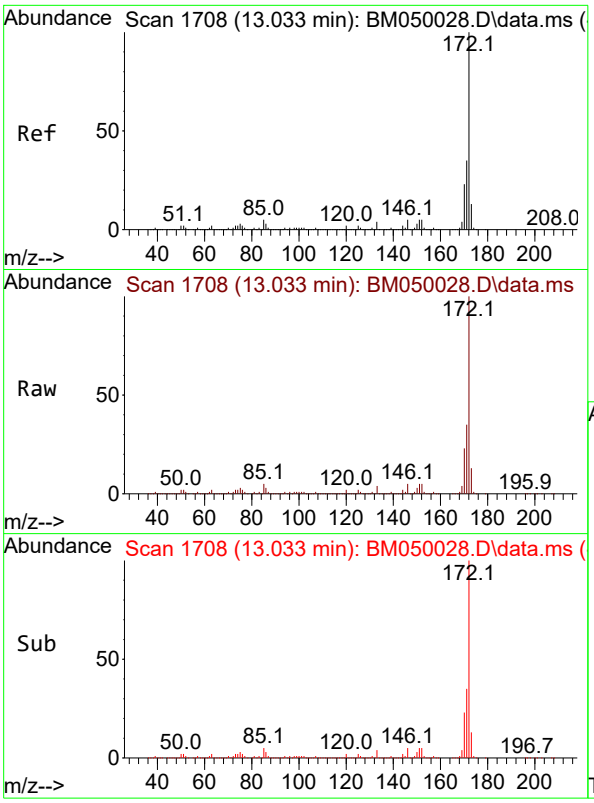


#44
2,4,5-Trichlorophenol
Concen: 43.706 ng
RT: 12.933 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:196 Resp: 612194

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.7	115.1
97	37.6	30.1	45.1
132	20.8	16.6	25.0



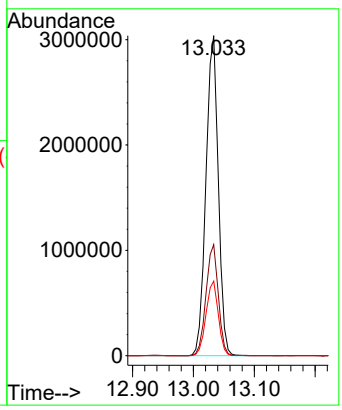


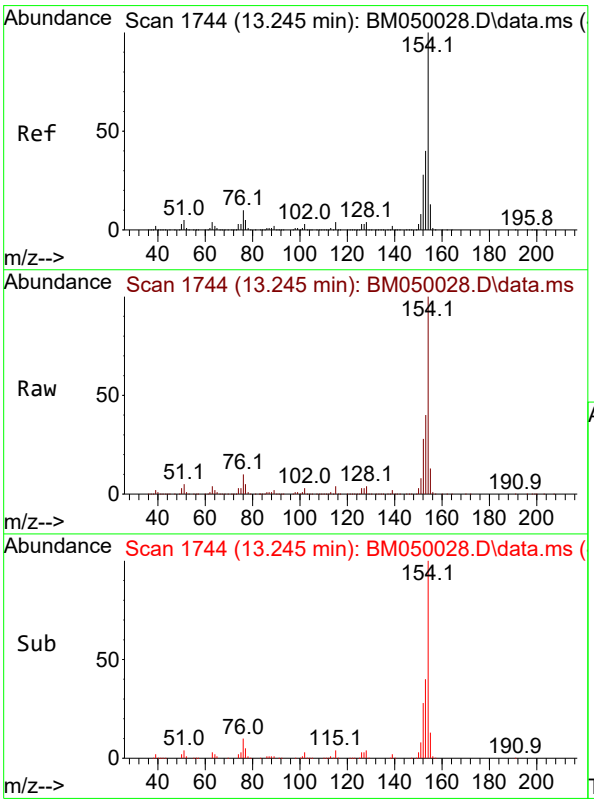
#45
2-Fluorobiphenyl
Concen: 85.489 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 4275240

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.3	18.6	28.0

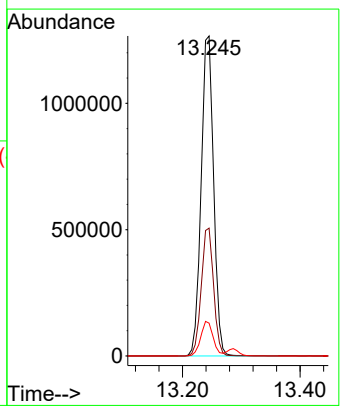


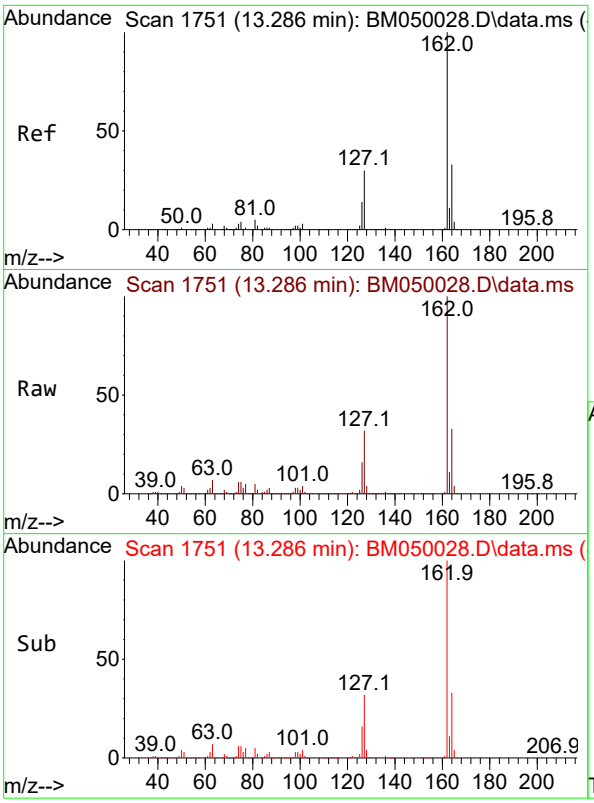


#46
1,1'-Biphenyl
Concen: 42.309 ng
RT: 13.245 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:154 Resp: 1860581

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.0	60.0
76	10.3	0.0	30.3



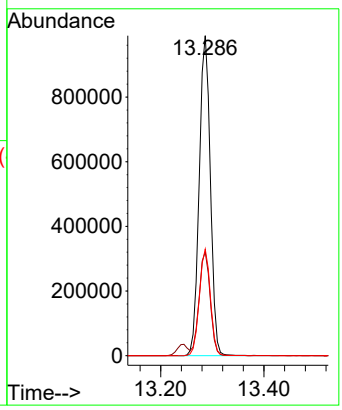


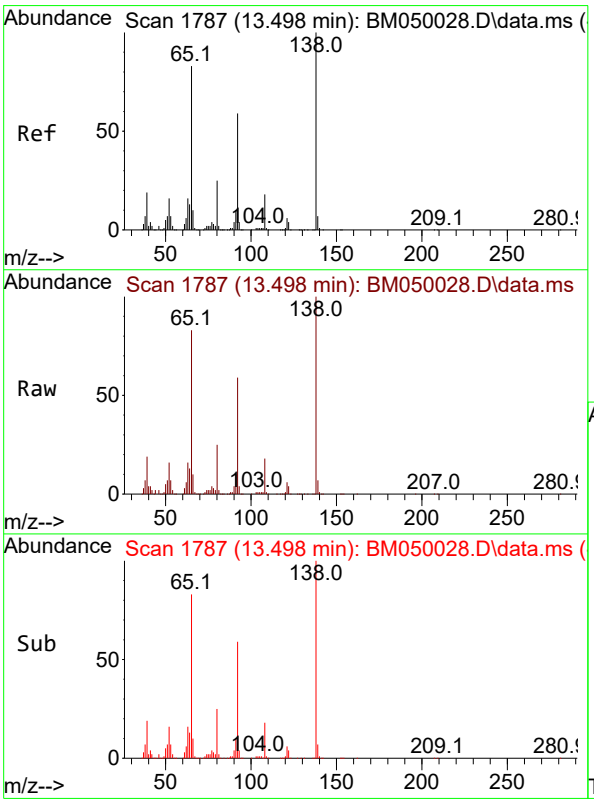
#47
2-Chloronaphthalene
Concen: 42.480 ng
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 1479560

Ion	Ratio	Lower	Upper
162	100		
127	32.4	25.9	38.9
164	33.3	26.6	40.0

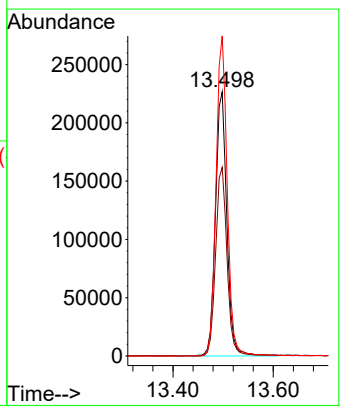


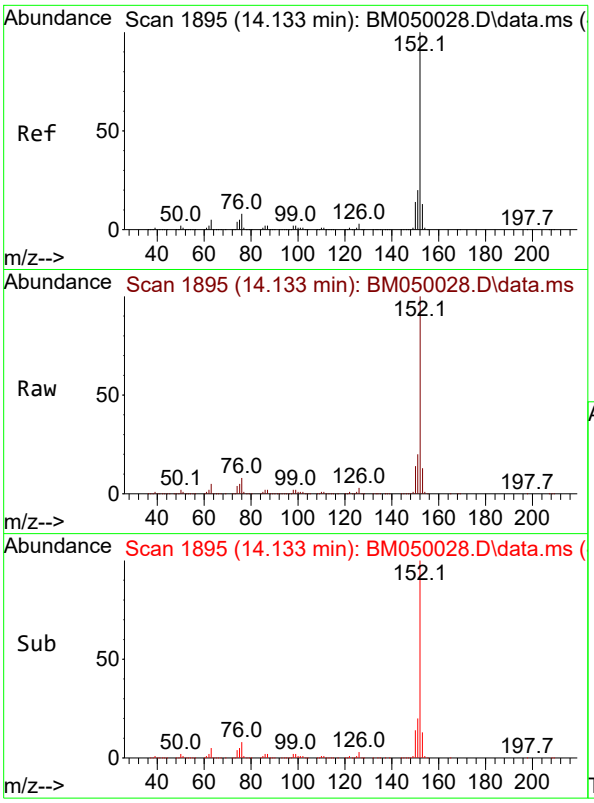


#48
2-Nitroaniline
Concen: 43.684 ng
RT: 13.498 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 65 Resp: 357098

Ion	Ratio	Lower	Upper
65	100		
92	71.4	57.1	85.7
138	121.2	97.0	145.4



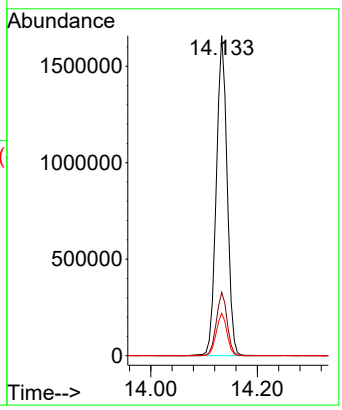


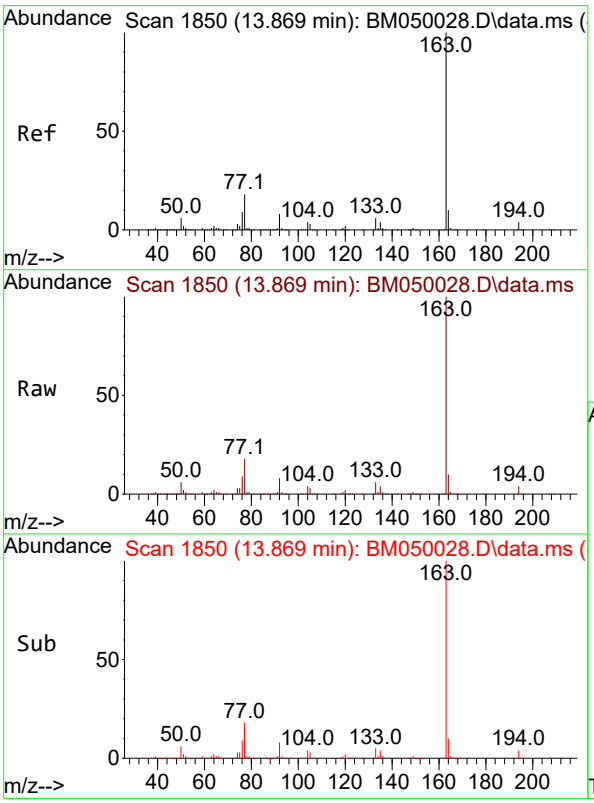
#49
Acenaphthylene
Concen: 42.478 ng
RT: 14.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 2332675

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.2	10.6	15.8

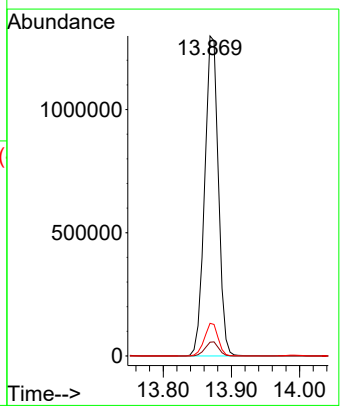


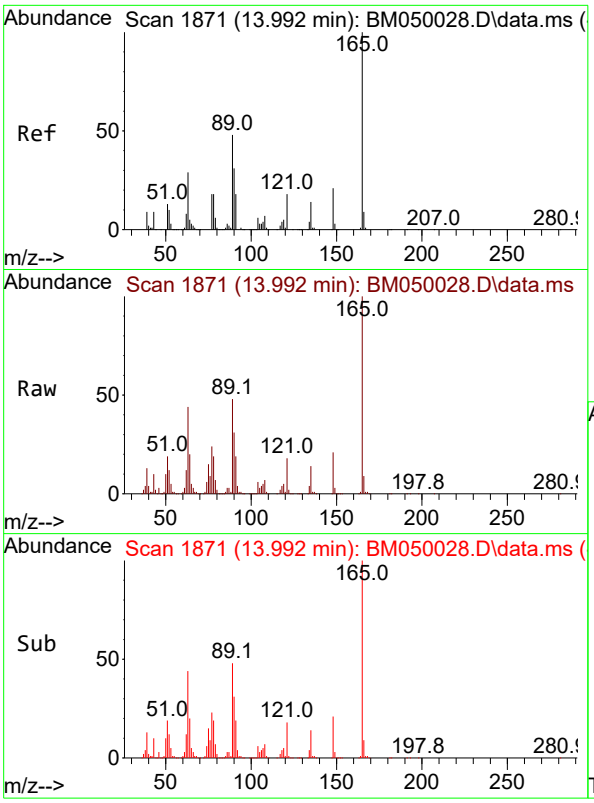


#50
Dimethylphthalate
Concen: 41.918 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:163 Resp: 1812335

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



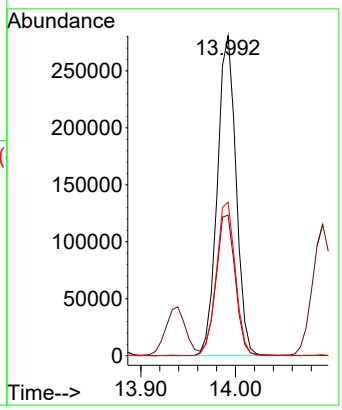


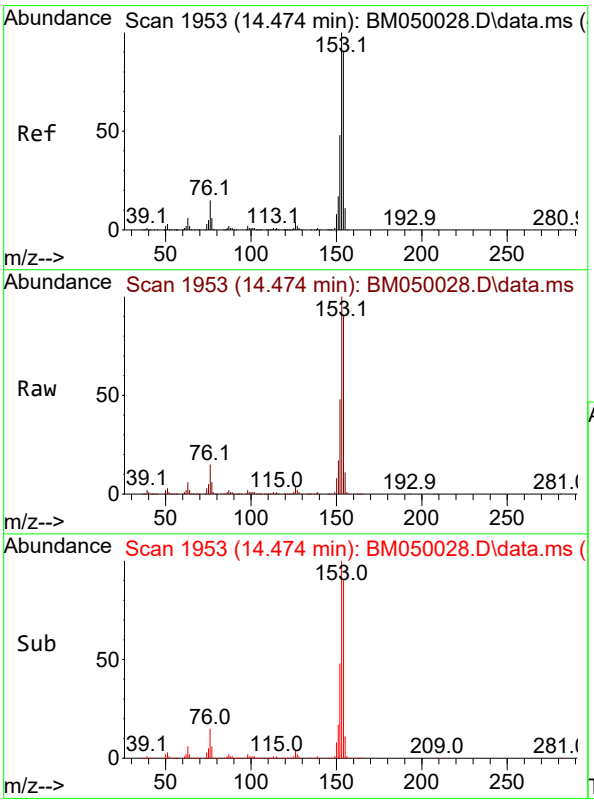
#51
2,6-Dinitrotoluene
Concen: 43.191 ng
RT: 13.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 386623

Ion	Ratio	Lower	Upper
165	100		
63	43.9	35.1	52.7
89	48.0	38.4	57.6

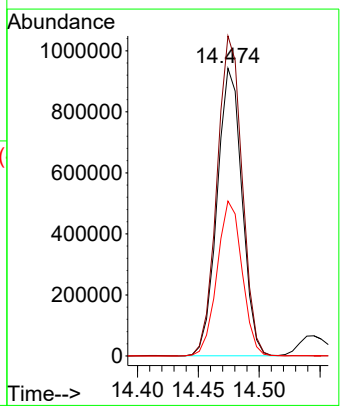


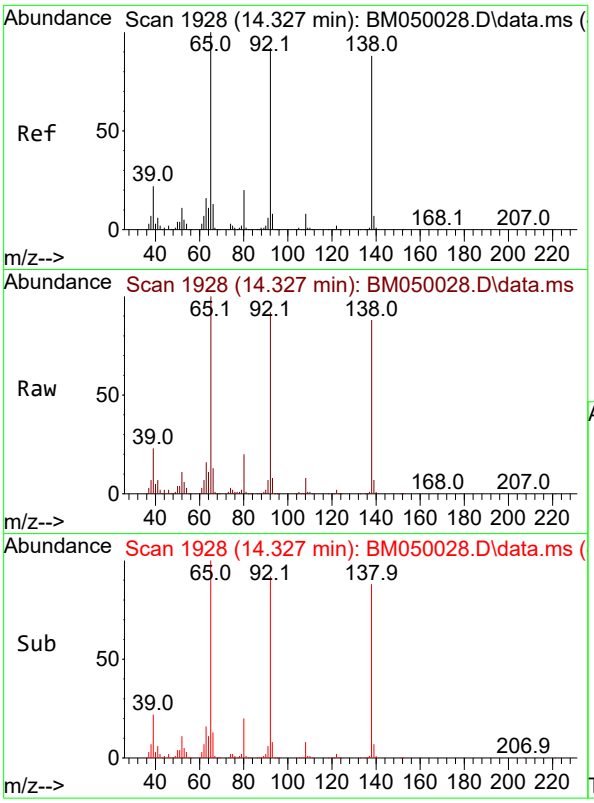


#52
Acenaphthene
Concen: 42.186 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:154 Resp: 1340946

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.0	133.4
152	53.8	43.0	64.6



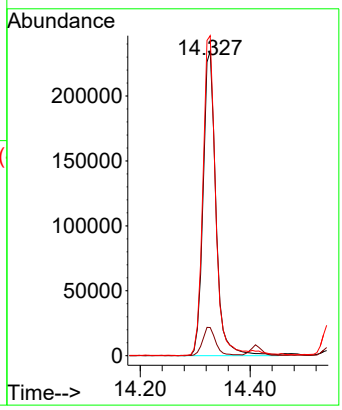


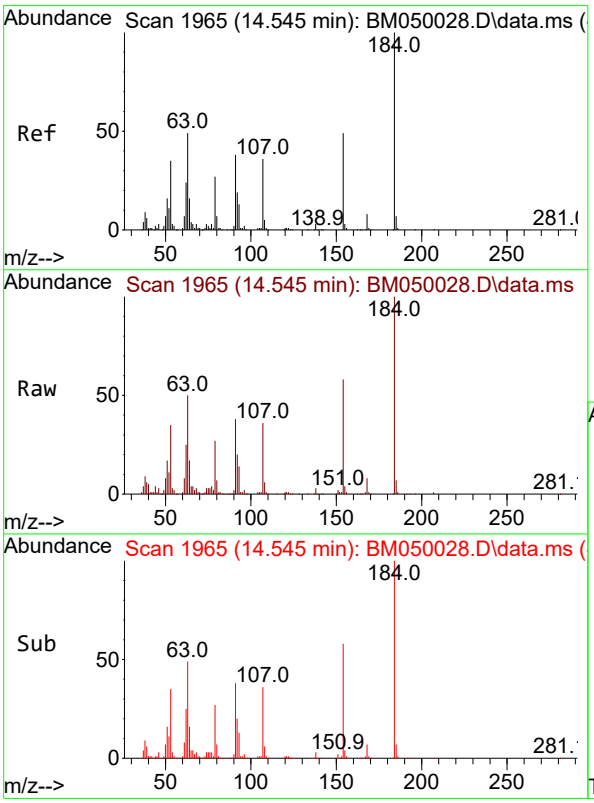
#53
3-Nitroaniline
Concen: 44.389 ng
RT: 14.327 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 379359

Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.4	11.2
92	105.0	84.0	126.0

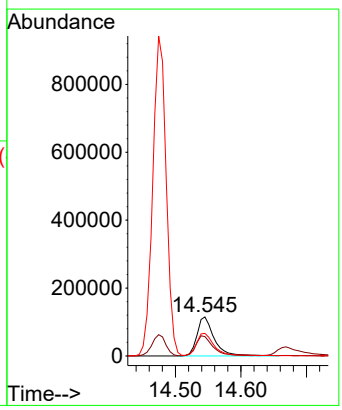


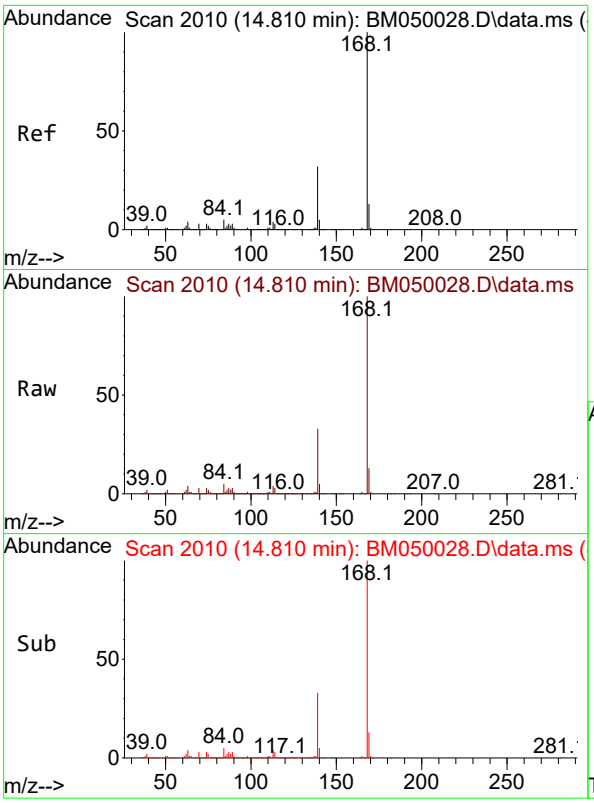


#54
2,4-Dinitrophenol
Concen: 39.788 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:184 Resp: 210115

Ion	Ratio	Lower	Upper
184	100		
63	49.7	39.8	59.6
154	57.6	46.1	69.1



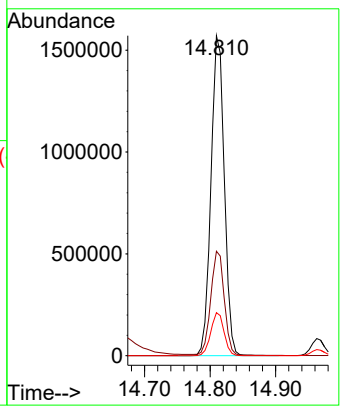


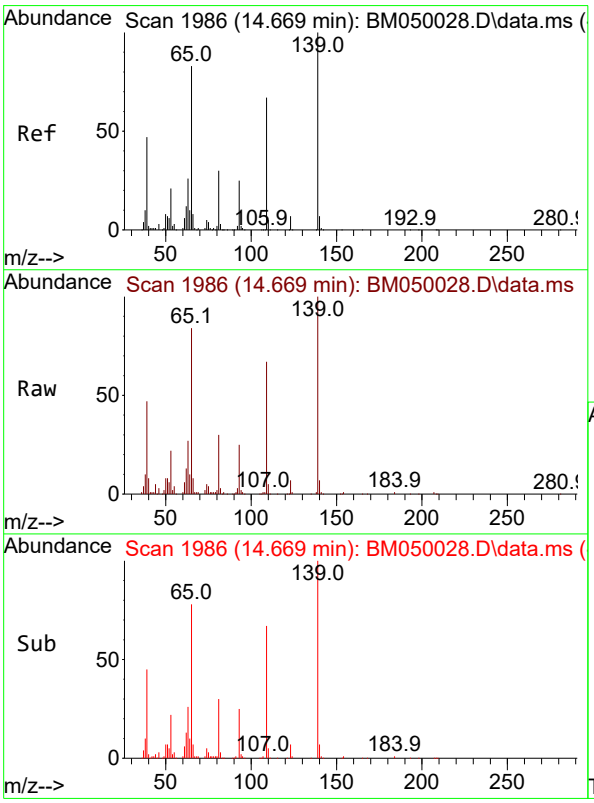
#55
Dibenzofuran
Concen: 41.961 ng
RT: 14.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 2219206

Ion	Ratio	Lower	Upper
168	100		
139	32.6	26.1	39.1
169	13.5	10.8	16.2

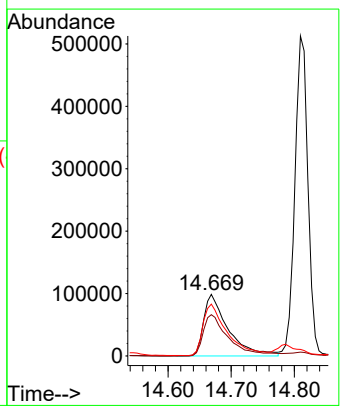


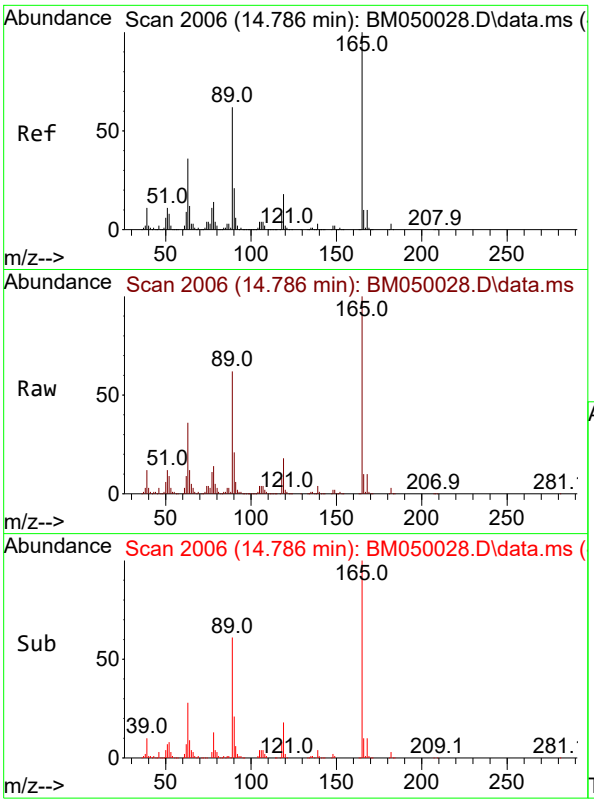


#56
4-Nitrophenol
Concen: 40.483 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:139 Resp: 264964

Ion	Ratio	Lower	Upper
139	100		
109	67.0	47.0	87.0
65	84.3	64.3	104.3



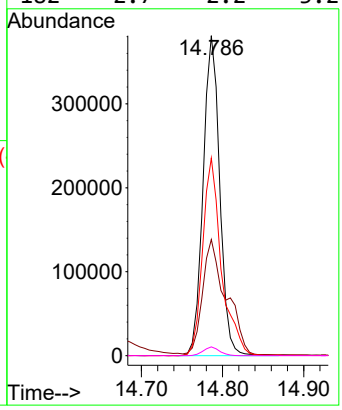


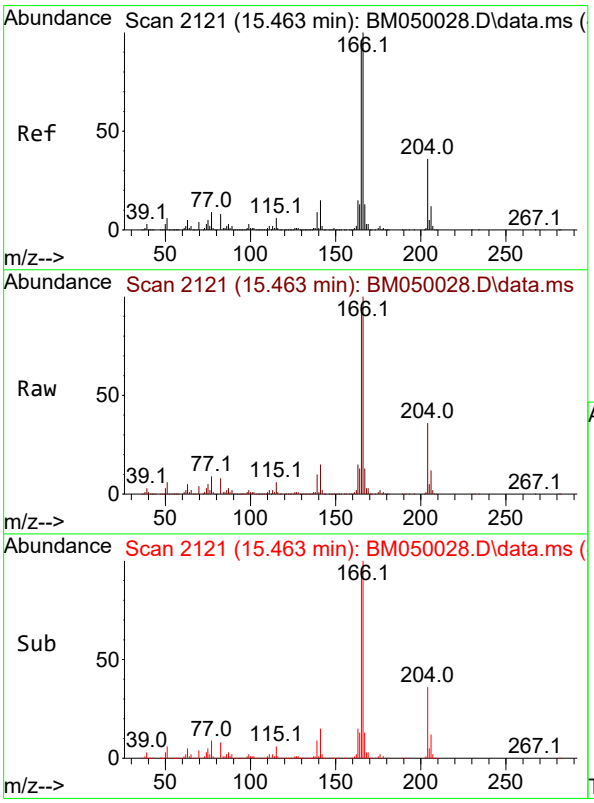
#57
2,4-Dinitrotoluene
Concen: 43.646 ng
RT: 14.786 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 539867

Ion	Ratio	Lower	Upper
165	100		
63	36.3	29.0	43.6
89	61.8	49.4	74.2
182	2.7	2.2	3.2

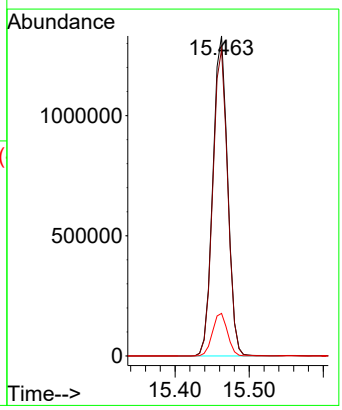


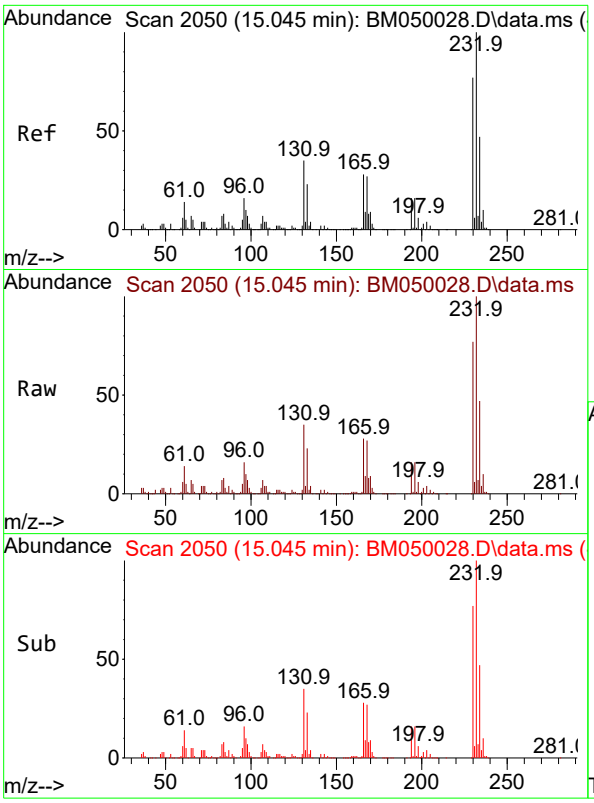


#58
Fluorene
Concen: 42.580 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:166 Resp: 1843261

Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.6	115.0
167	13.3	10.6	16.0



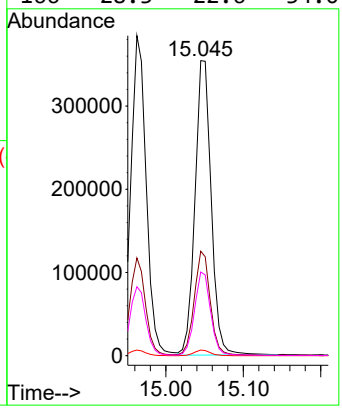


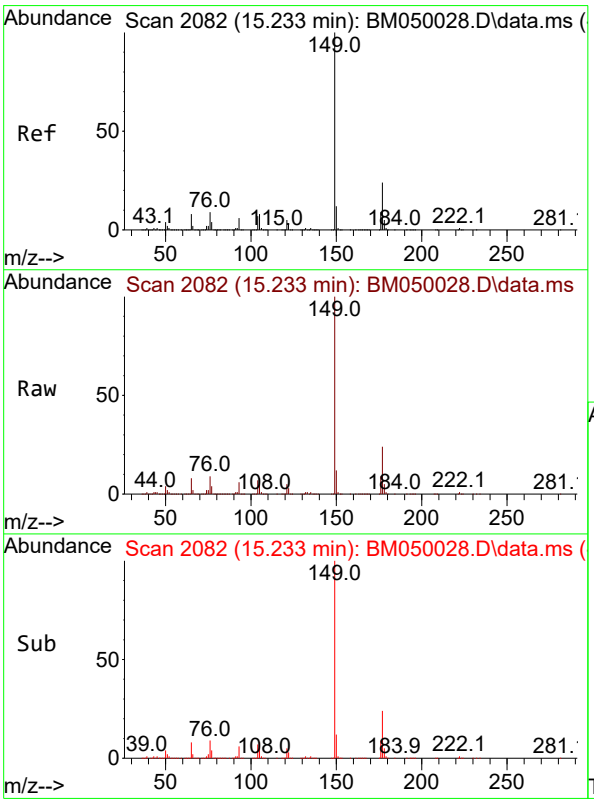
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.446 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 514644

Ion	Ratio	Lower	Upper
232	100		
131	35.3	28.2	42.4
130	1.9	1.5	2.3
166	28.3	22.6	34.0

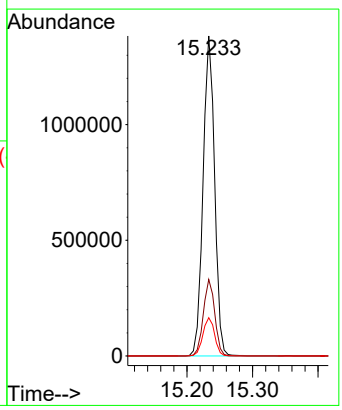


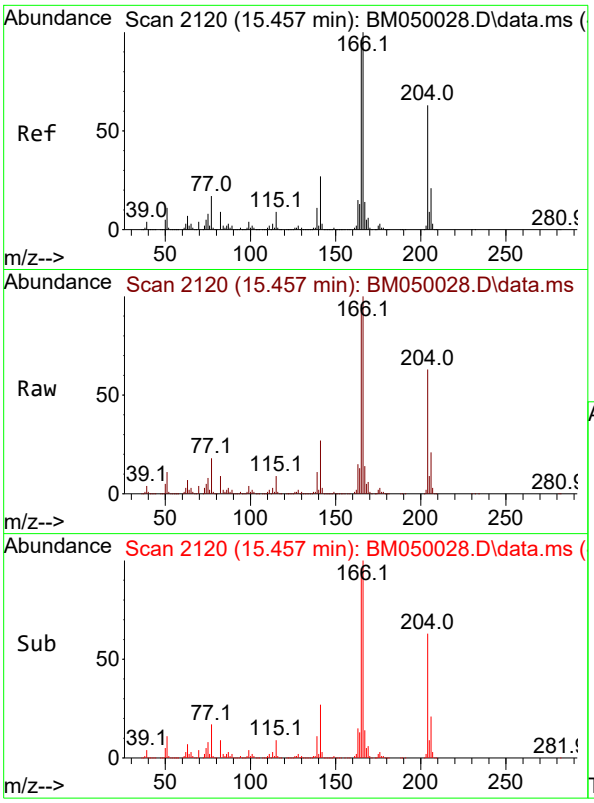


#60
Diethylphthalate
Concen: 41.631 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1696013

Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	12.0	9.6	14.4



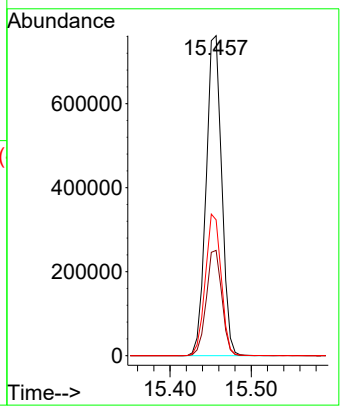


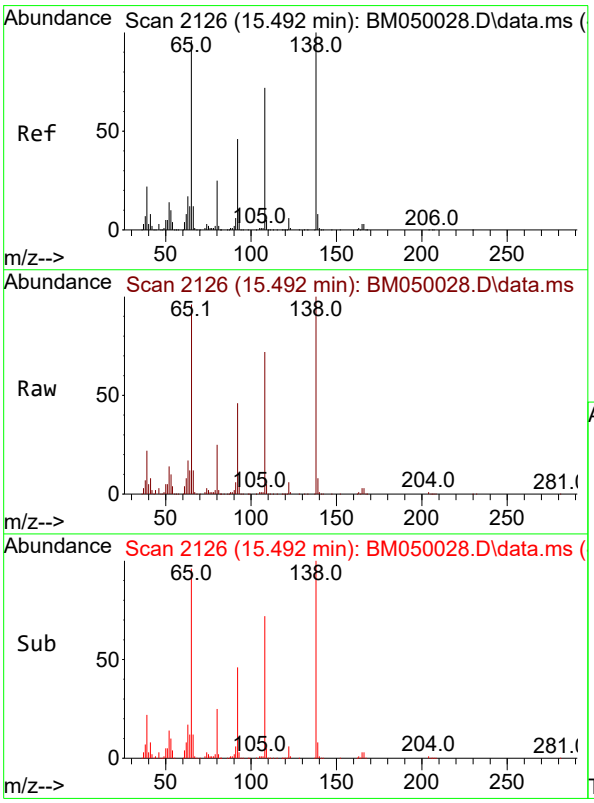
#61
4-Chlorophenyl-phenylether
Concen: 42.652 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 1014134

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	42.5	34.0	51.0

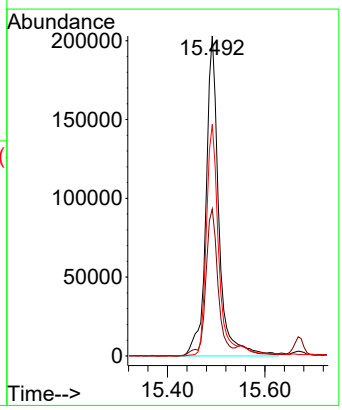


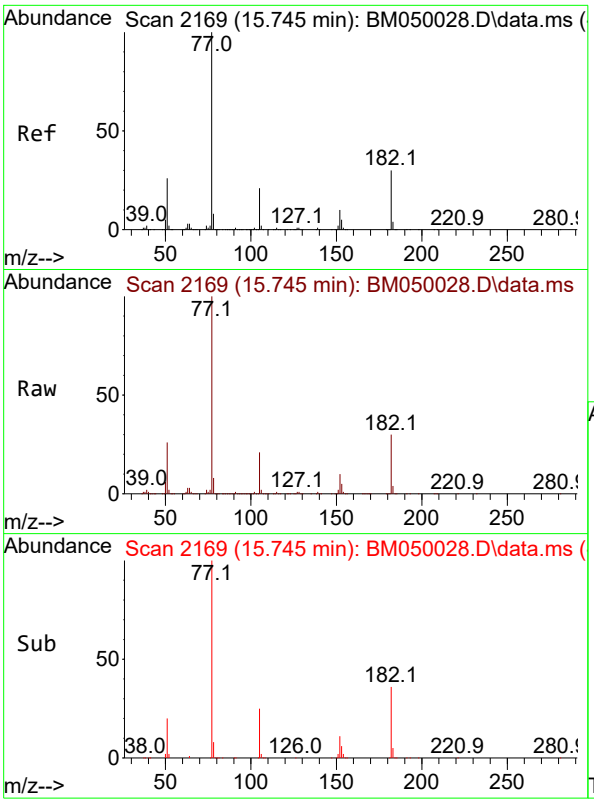


#62
4-Nitroaniline
Concen: 44.949 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:138 Resp: 370884

Ion	Ratio	Lower	Upper
138	100		
92	45.9	25.9	65.9
108	72.4	52.4	92.4



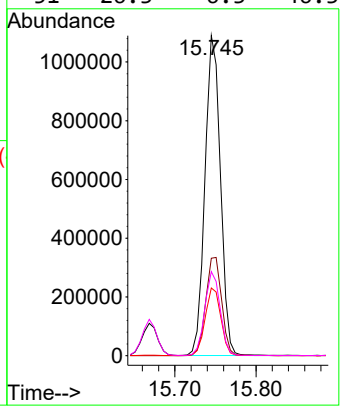


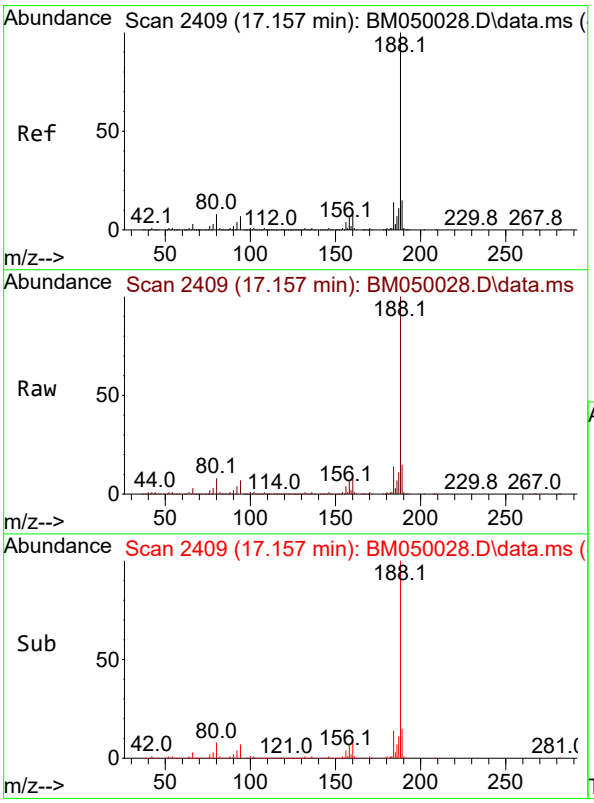
#63
Azobenzene
Concen: 42.150 ng
RT: 15.745 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1439085

Ion	Ratio	Lower	Upper
77	100		
182	30.5	10.5	50.5
105	21.1	1.1	41.1
51	26.3	6.3	46.3

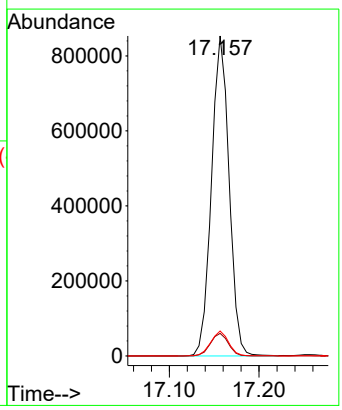


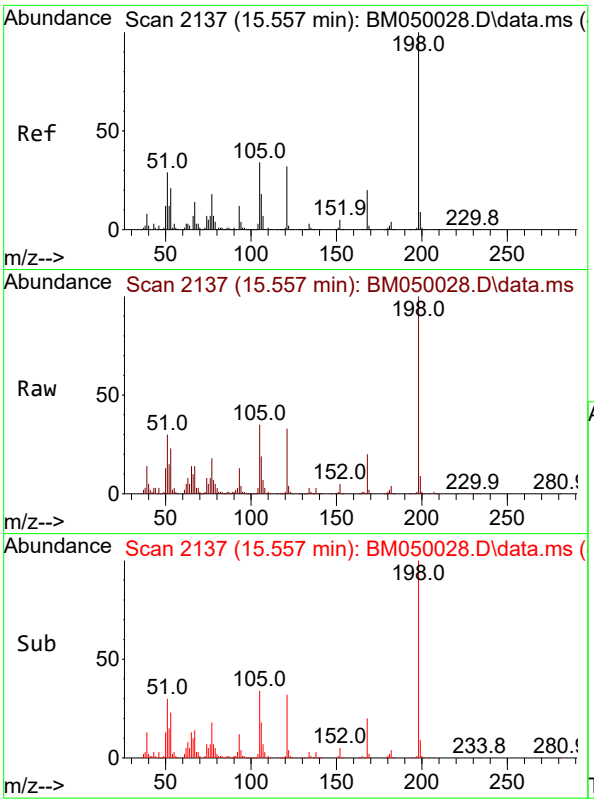


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:188 Resp: 1163791

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.8	6.2	9.4



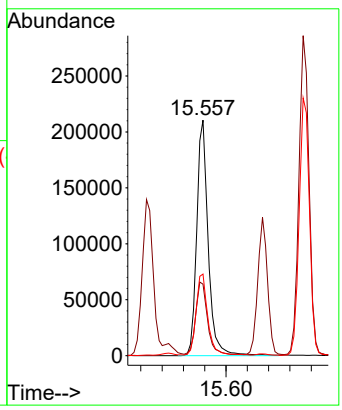


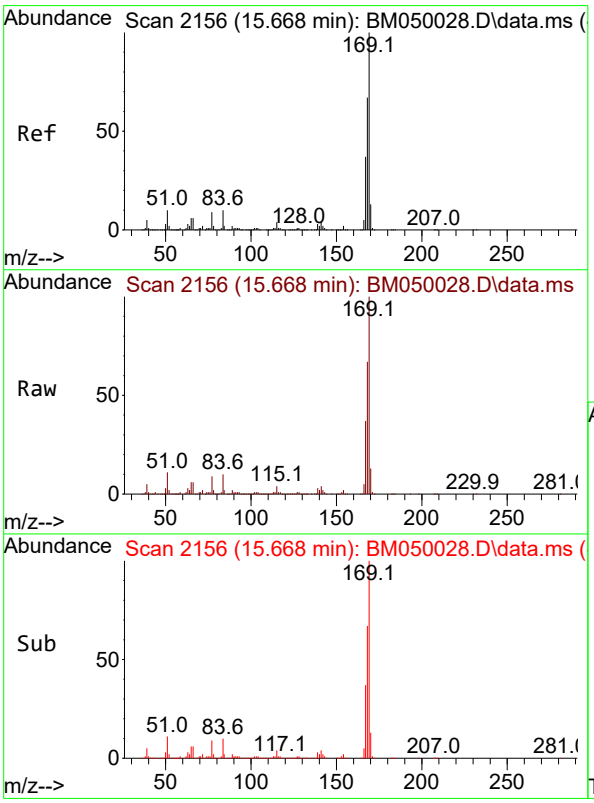
#65
4,6-Dinitro-2-methylphenol
Concen: 43.256 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 315113

Ion	Ratio	Lower	Upper
198	100		
51	30.4	10.4	50.4
105	34.6	14.6	54.6

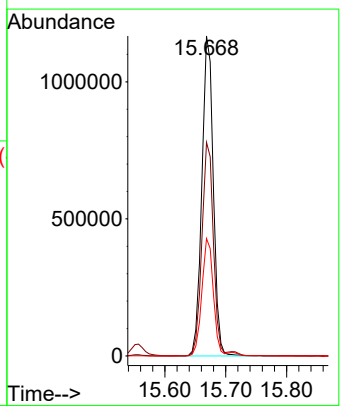


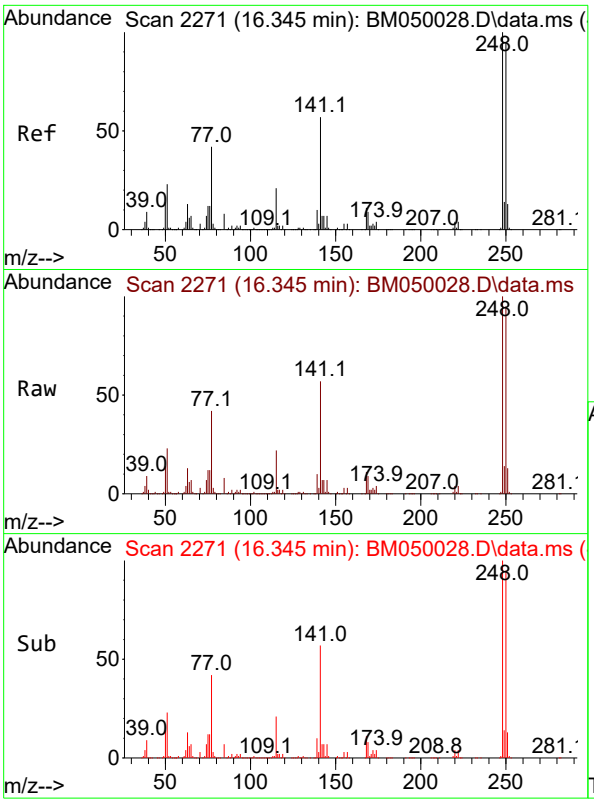


#66
n-Nitrosodiphenylamine
Concen: 42.678 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:169 Resp: 1525193

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	36.7	29.4	44.0



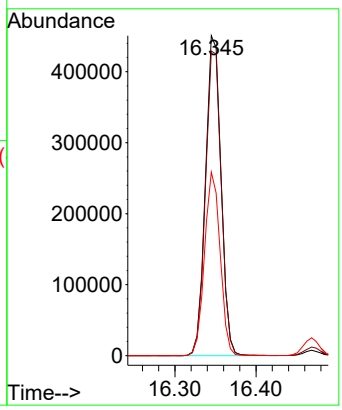


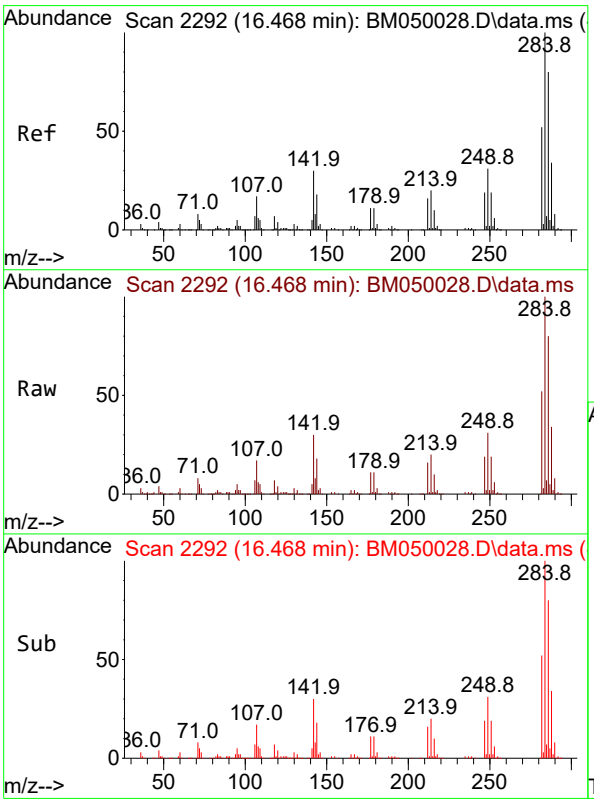
#67
4-Bromophenyl-phenylether
Concen: 42.660 ng
RT: 16.345 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 600373

Ion	Ratio	Lower	Upper
248	100		
250	95.2	76.2	114.2
141	57.4	45.9	68.9

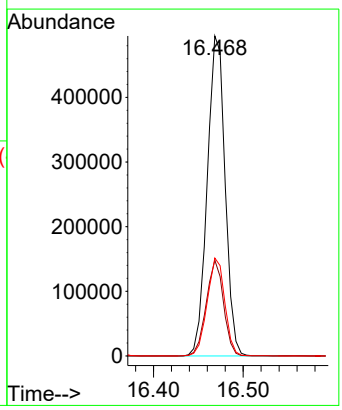


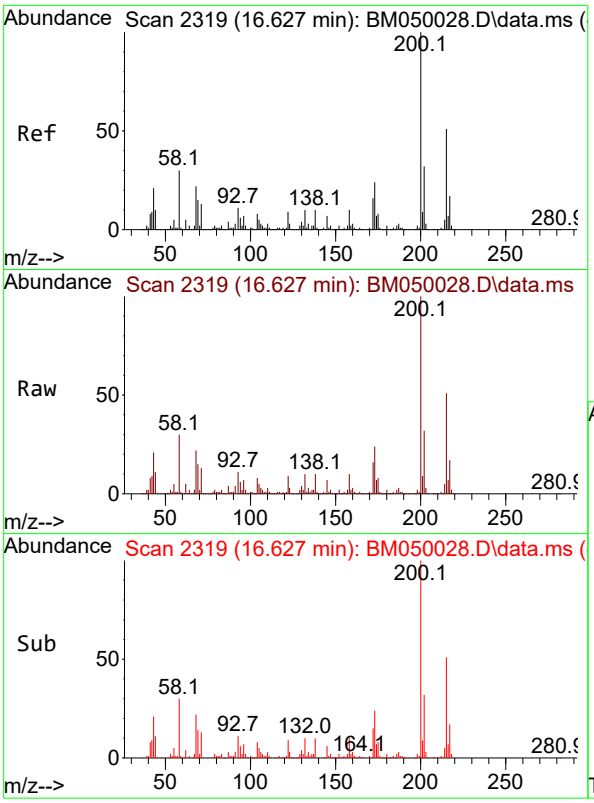


#68
Hexachlorobenzene
Concen: 42.122 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:284 Resp: 683325

Ion	Ratio	Lower	Upper
284	100		
142	29.9	23.9	35.9
249	30.6	24.5	36.7



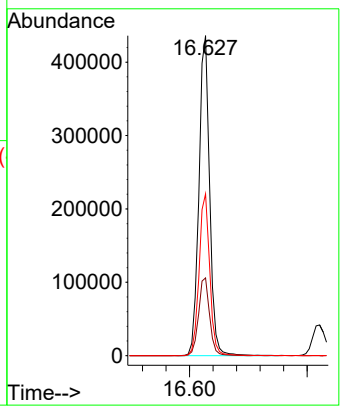


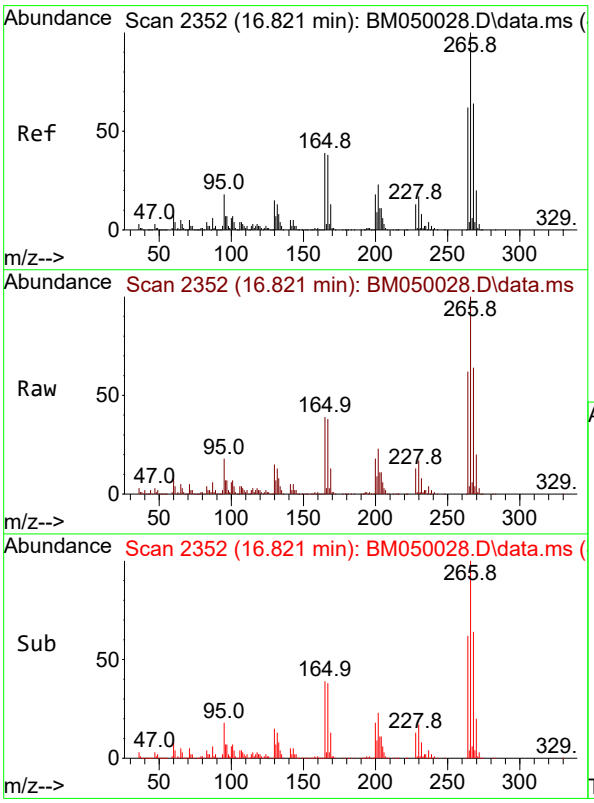
#69
Atrazine
Concen: 42.668 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 550018

Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.3	44.3
215	50.6	30.6	70.6

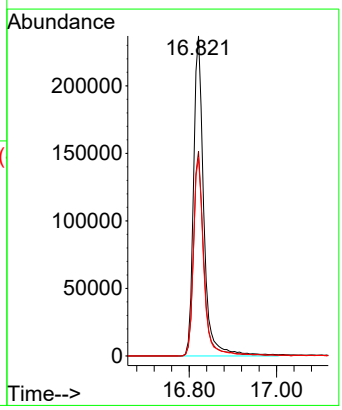


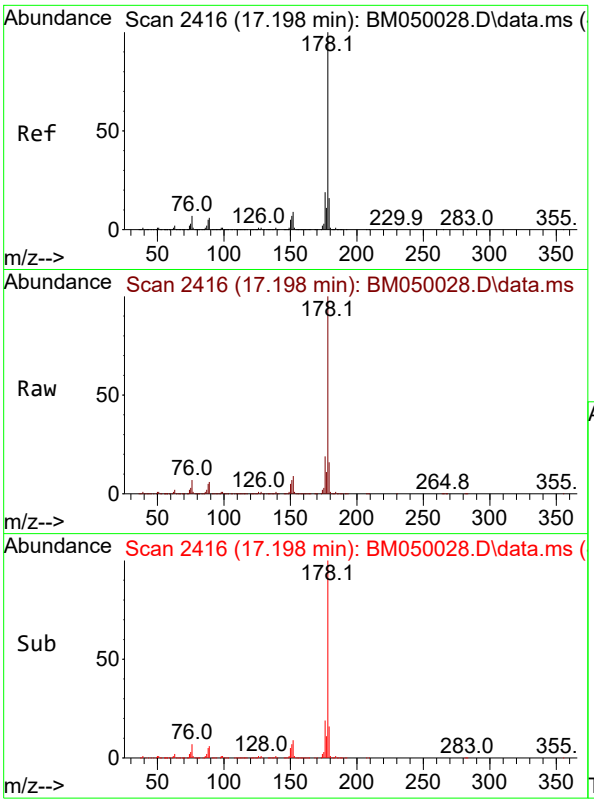


#70
Pentachlorophenol
Concen: 42.448 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:266 Resp: 387613

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.2	76.8
264	62.0	49.6	74.4



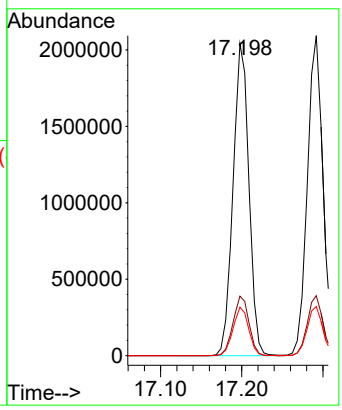


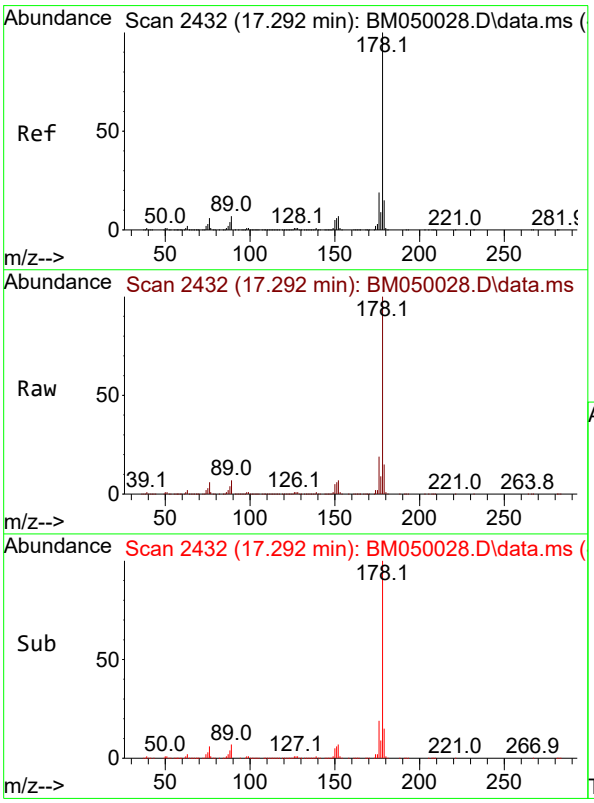
#71
Phenanthrene
Concen: 42.082 ng
RT: 17.198 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 2762249

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.4	18.6

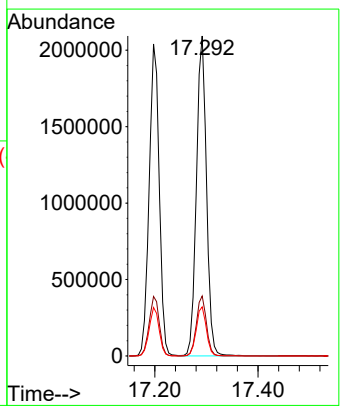


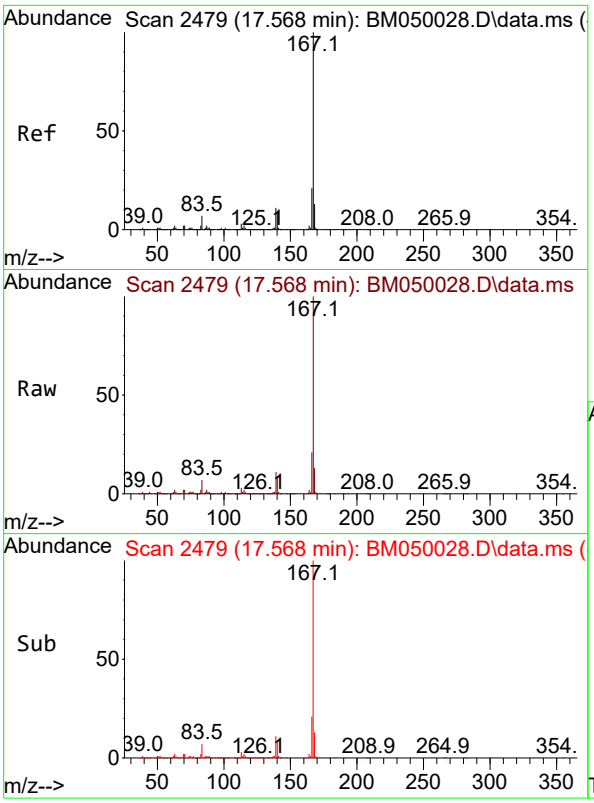


#72
Anthracene
Concen: 42.525 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:178 Resp: 2824805

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.2	18.4



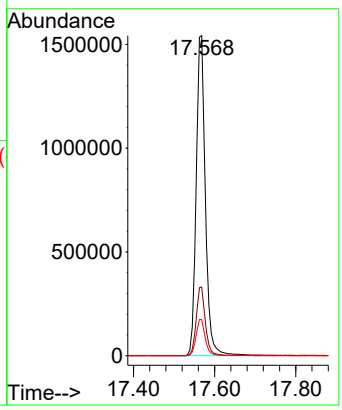


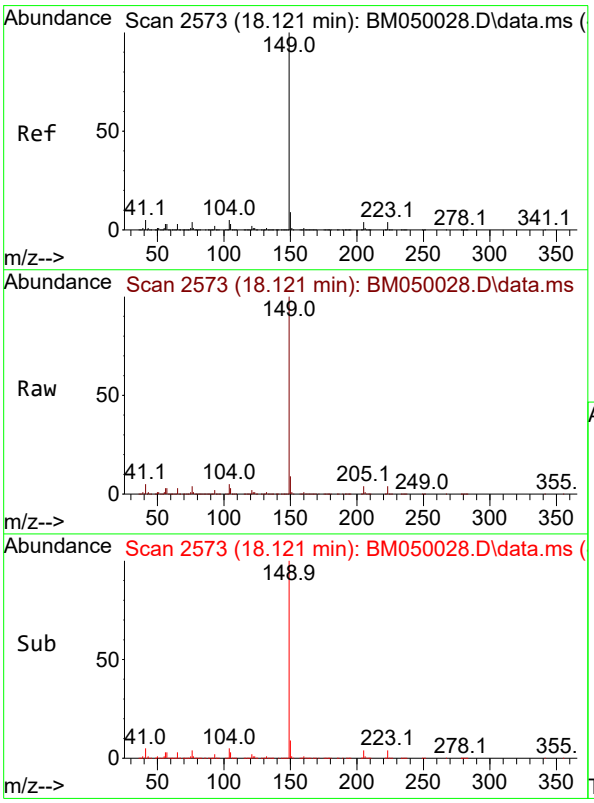
#73
Carbazole
Concen: 42.547 ng
RT: 17.568 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 2452474

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	11.3	9.0	13.6

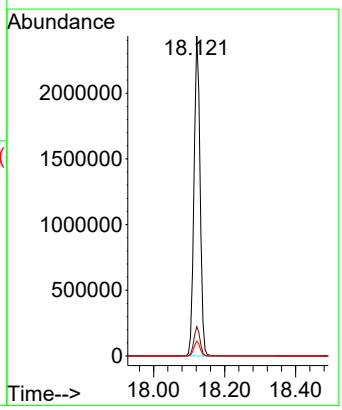


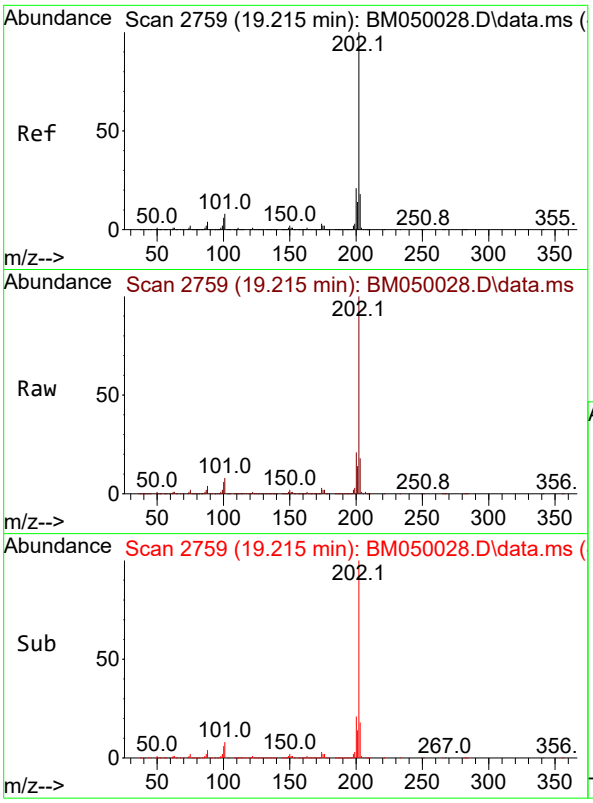


#74
Di-n-butylphthalate
Concen: 42.239 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 2899479

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.7	3.8	5.6



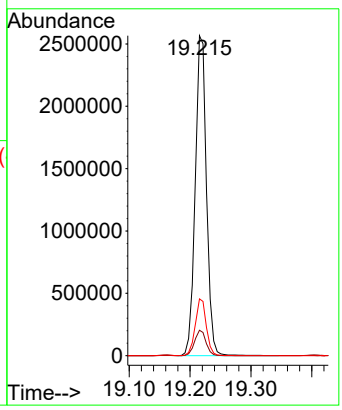


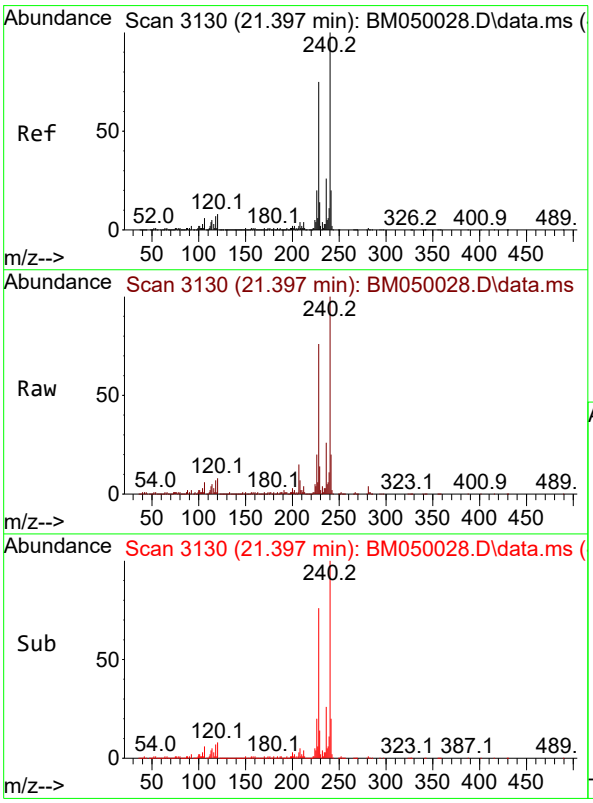
#75
Fluoranthene
Concen: 42.598 ng
RT: 19.215 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 3282789

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	17.7	0.0	37.7

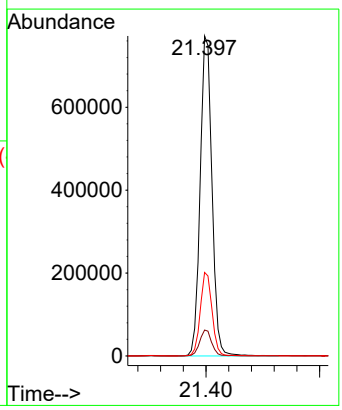


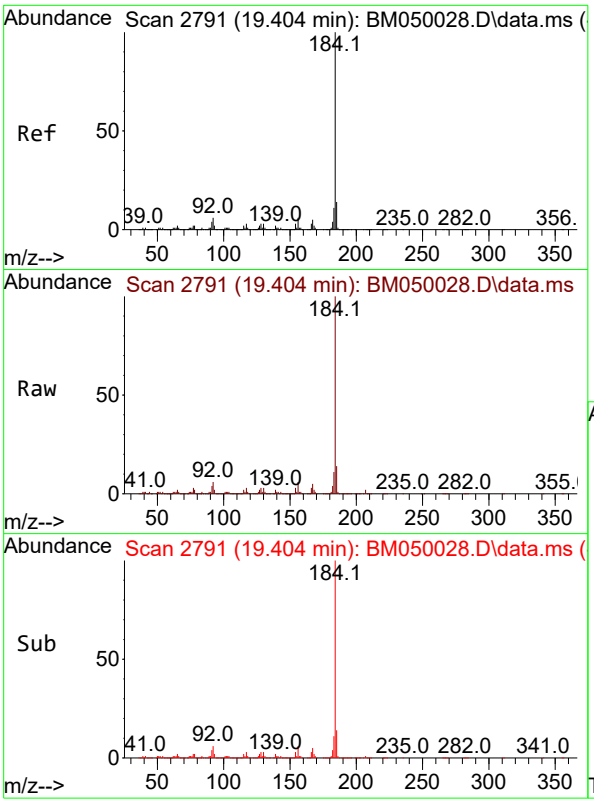


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:240 Resp: 1114654

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	26.1	20.9	31.3



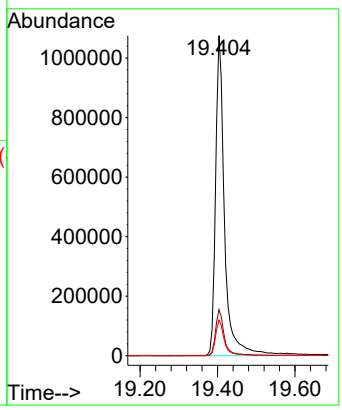


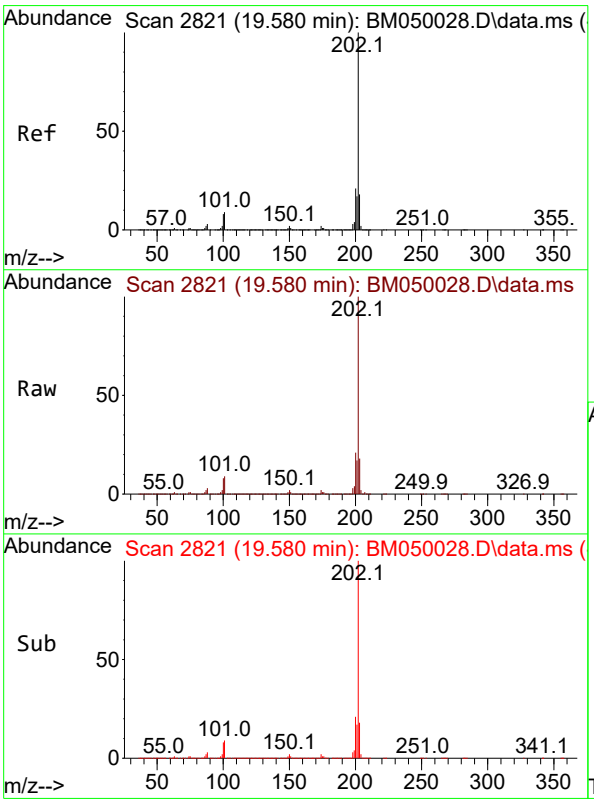
#77
Benzidine
Concen: 43.446 ng
RT: 19.404 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 1720168

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.1	8.9	13.3

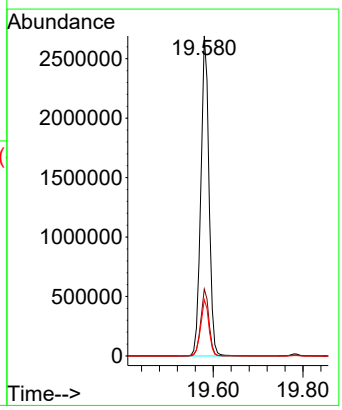


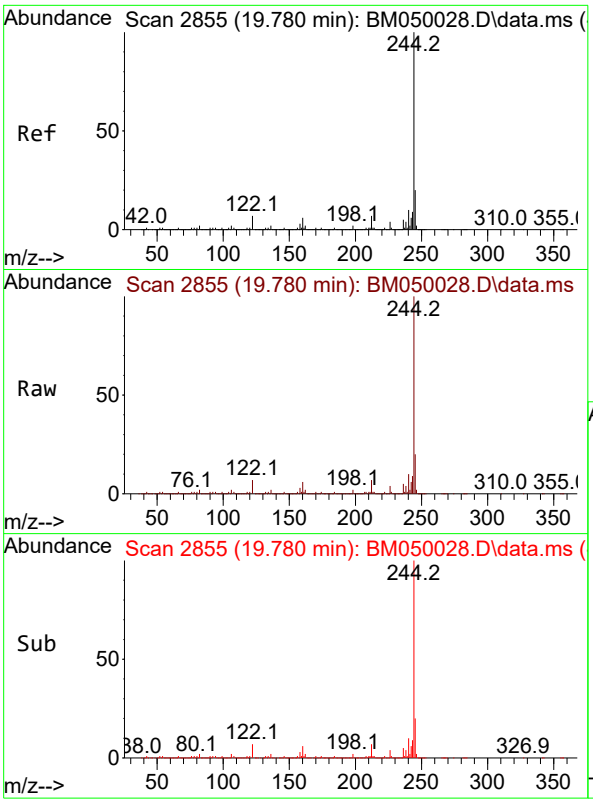


#78
Pyrene
Concen: 43.220 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:202 Resp: 3383053

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.6	14.1	21.1



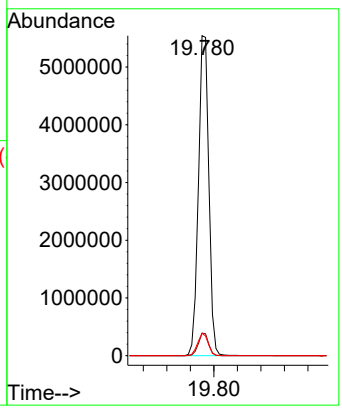


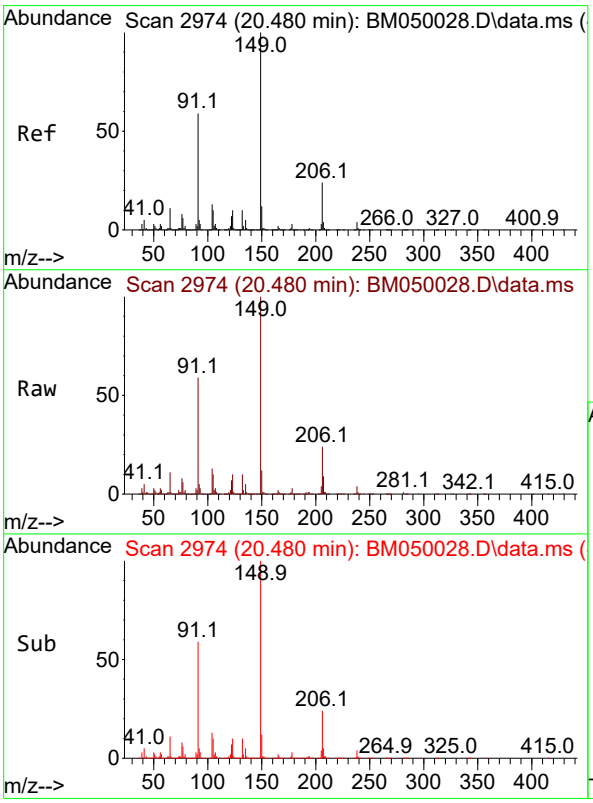
#79
Terphenyl-d14
Concen: 90.233 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 6797031

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	7.0	5.6	8.4

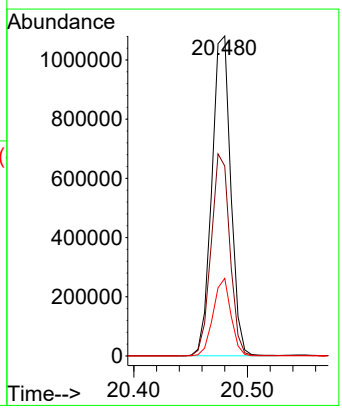


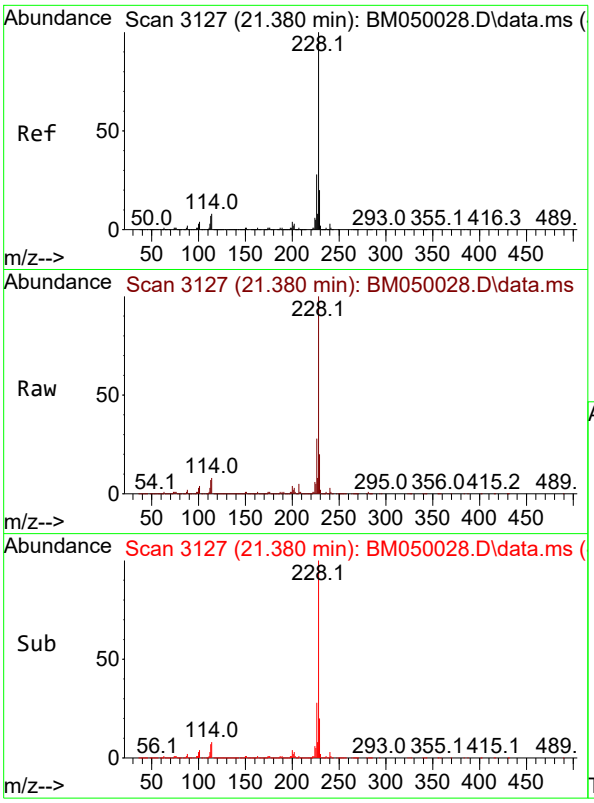


#80
Butylbenzylphthalate
Concen: 42.704 ng
RT: 20.480 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1251950

Ion	Ratio	Lower	Upper
149	100		
91	59.3	47.4	71.2
206	24.2	19.4	29.0



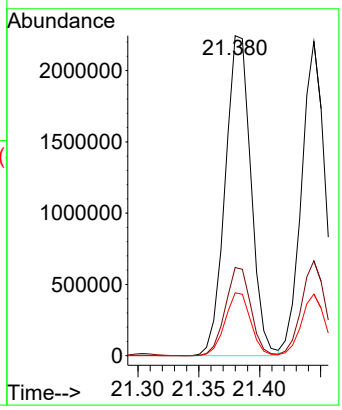


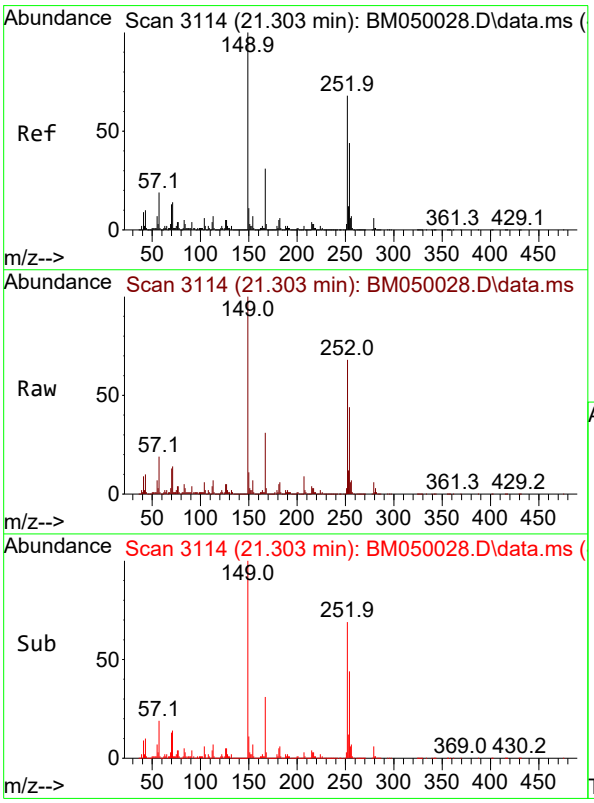
#81
Benzo(a)anthracene
Concen: 42.935 ng
RT: 21.380 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 3295625

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.6	15.7	23.5

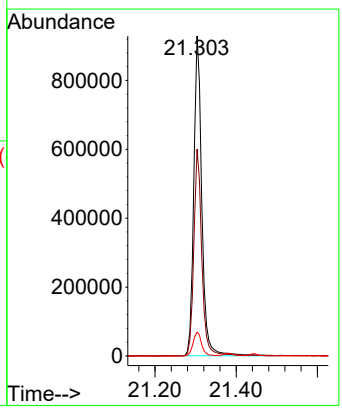


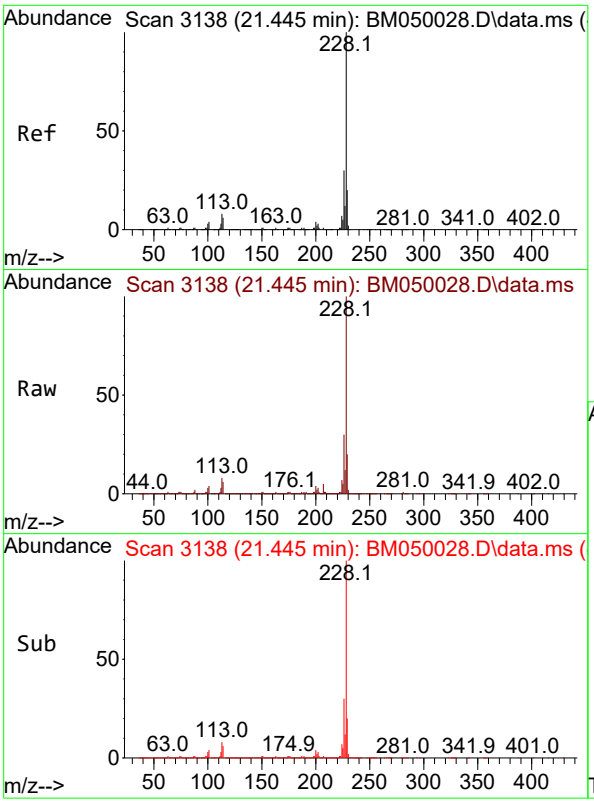


#82
3,3'-Dichlorobenzidine
Concen: 43.991 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 1292611

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	7.5	6.0	9.0



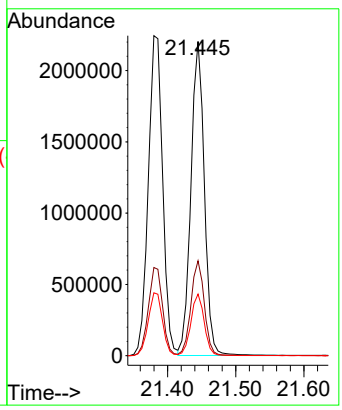


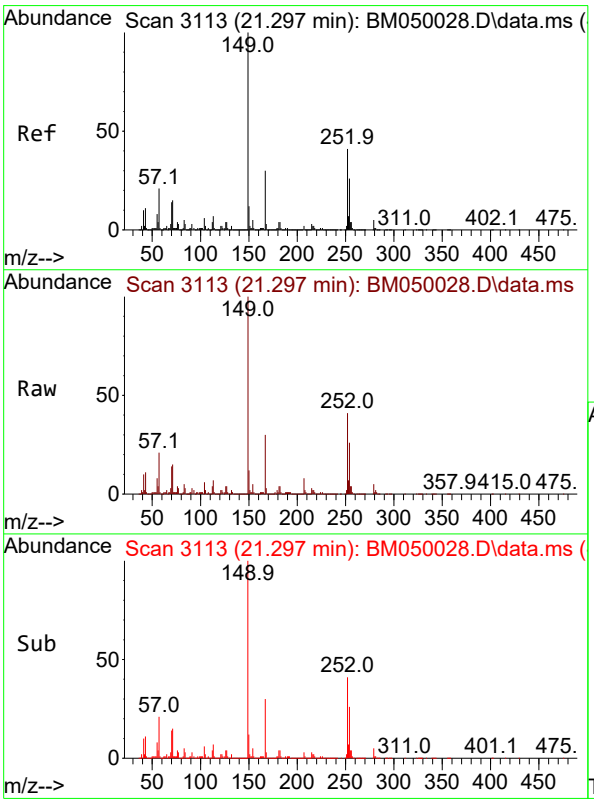
#83
Chrysene
Concen: 42.127 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 2992790

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.6	15.7	23.5

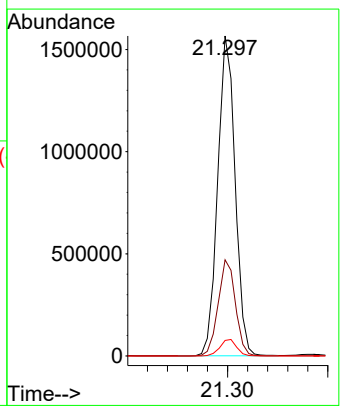


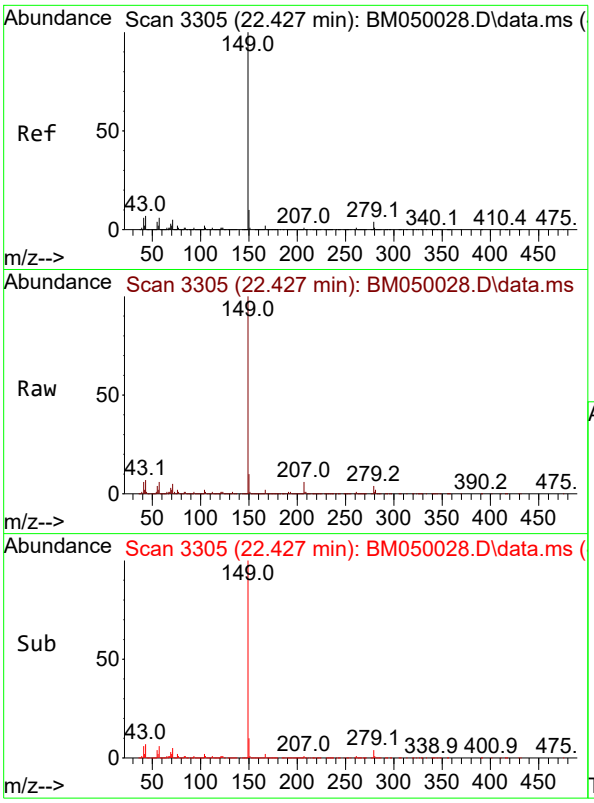


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.895 ng
RT: 21.297 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1878368

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.1	36.1
279	4.9	3.9	5.9



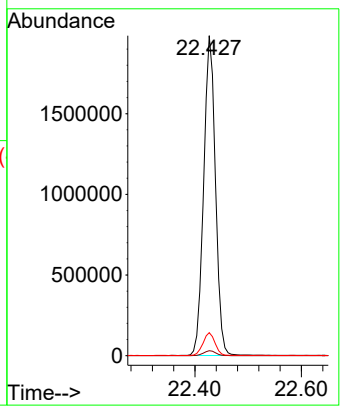


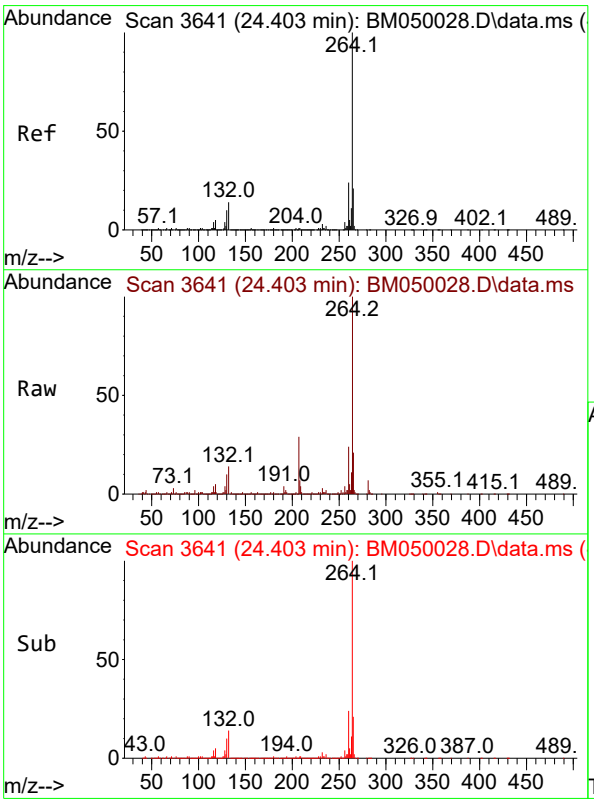
#85
Di-n-octyl phthalate
Concen: 42.160 ng
RT: 22.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 3044578

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	5.8	8.8

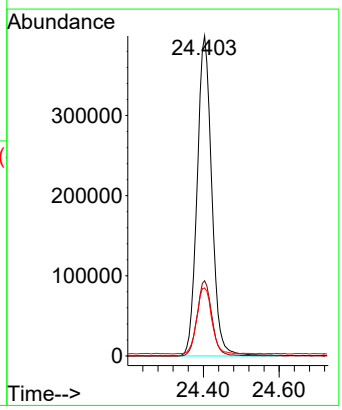


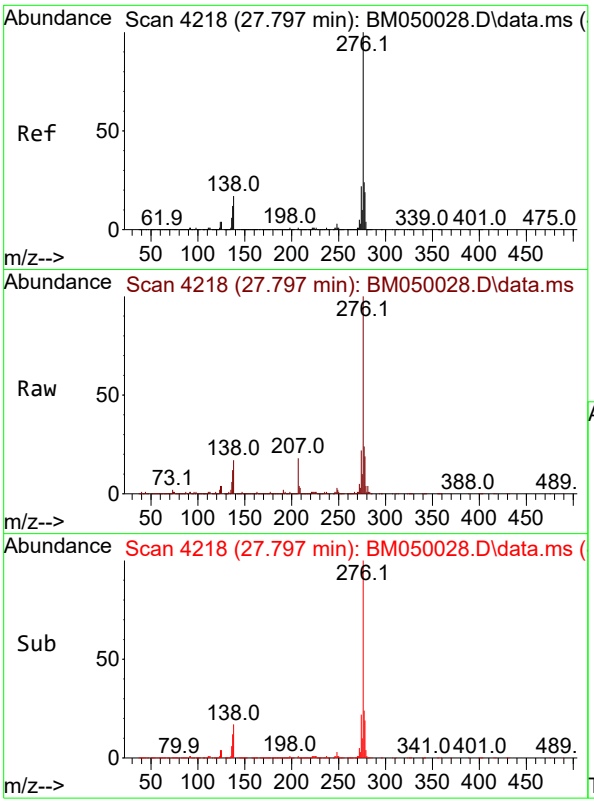


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:264 Resp: 1072526

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.2	17.0	25.4



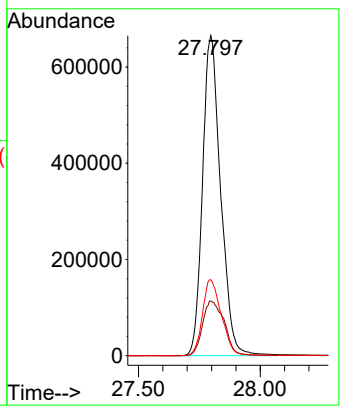


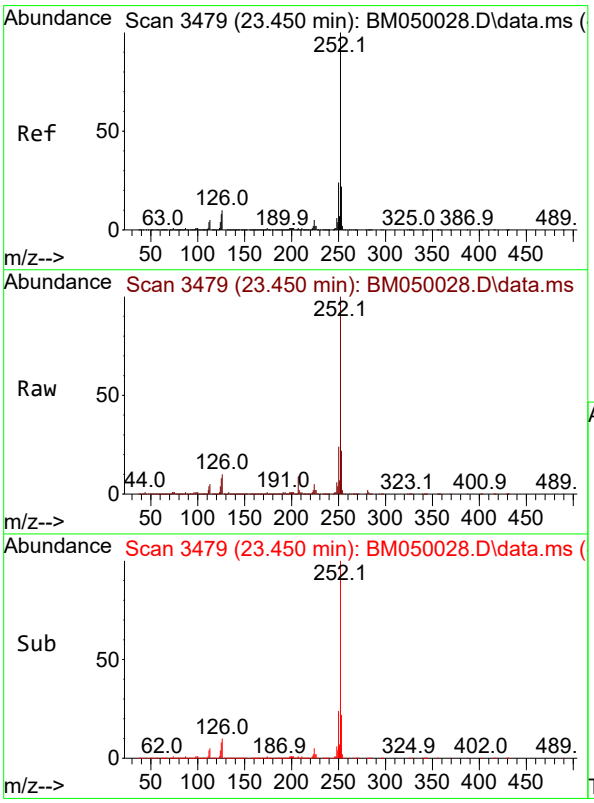
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.991 ng
RT: 27.797 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 3435665

Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.4	24.6
277	24.8	19.8	29.8

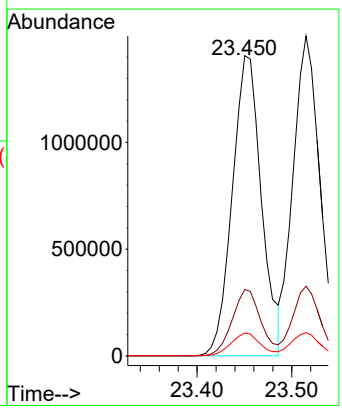


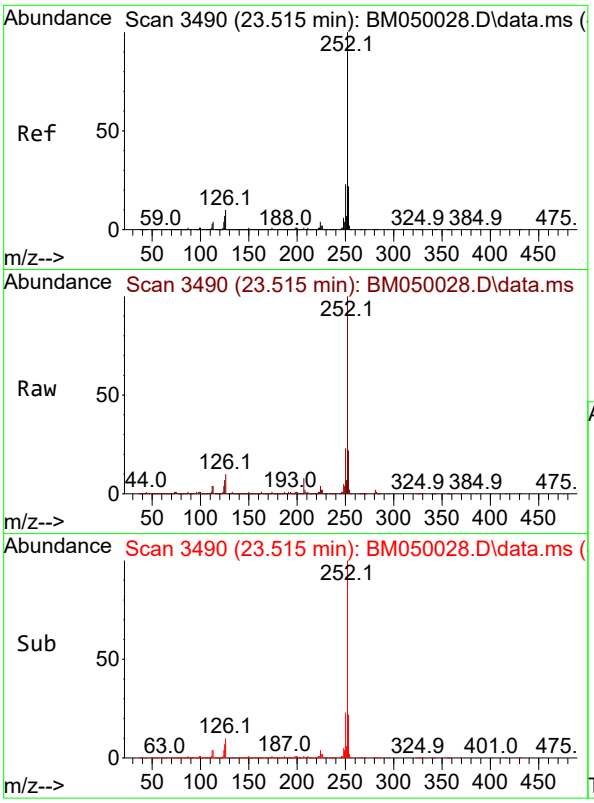


#88
Benzo(b)fluoranthene
Concen: 43.243 ng
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 3016197

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	7.6	6.1	9.1



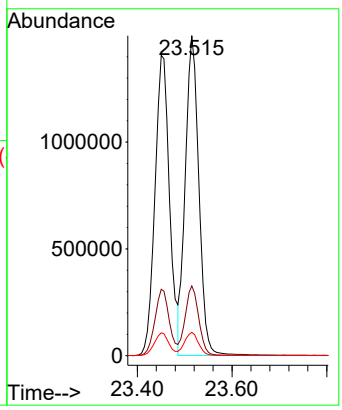


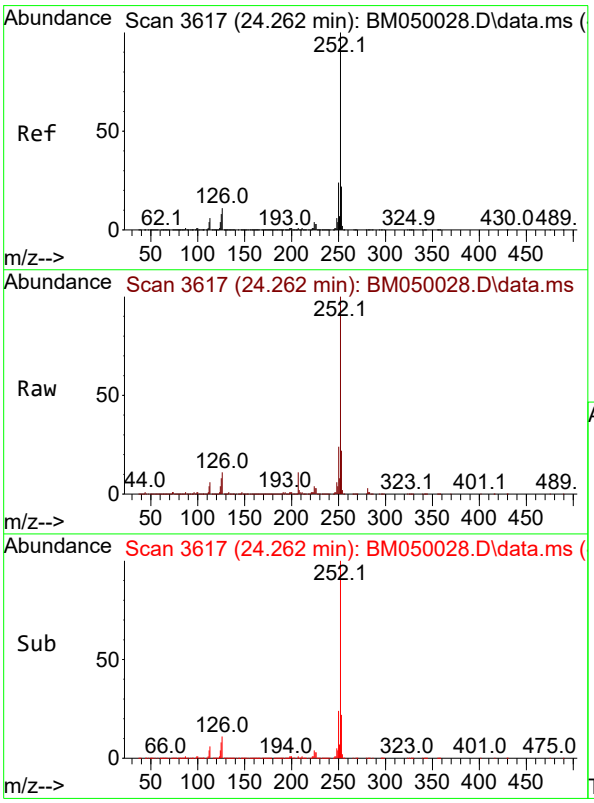
#89
Benzo(k)fluoranthene
Concen: 42.155 ng
RT: 23.515 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 2974903

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	7.3	5.8	8.8

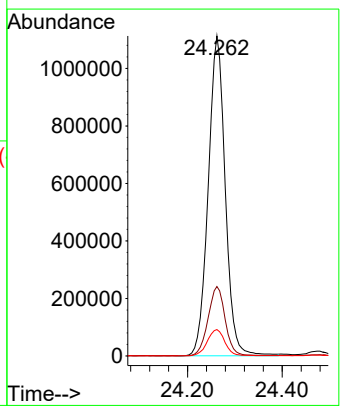


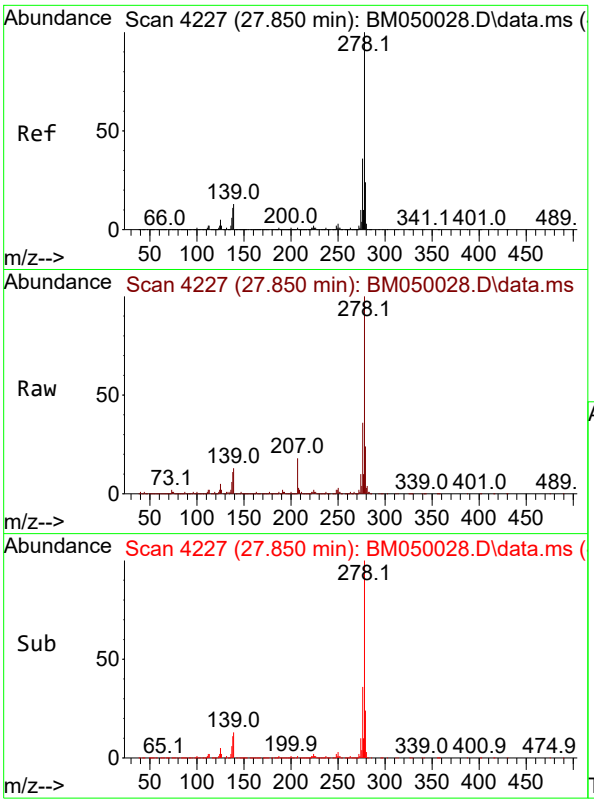


#90
Benzo(a)pyrene
Concen: 42.519 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 2777683

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	8.2	6.6	9.8



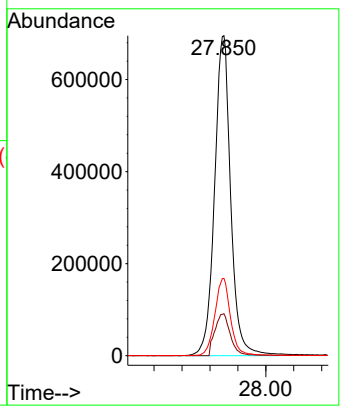


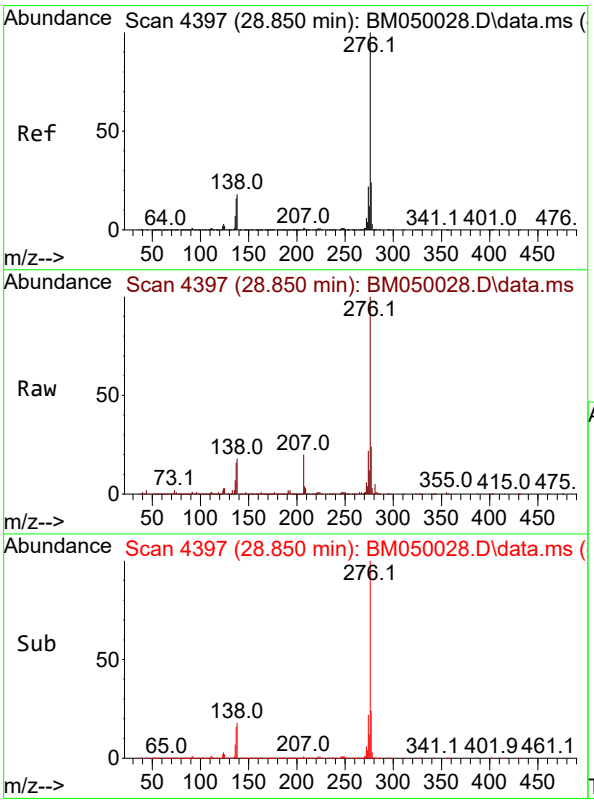
#91
Dibenzo(a,h)anthracene
Concen: 42.796 ng
RT: 27.850 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 2787948

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.5	15.7
279	24.2	19.4	29.0

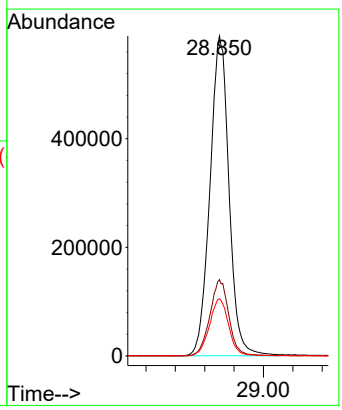




#92
Benzo(g,h,i)perylene
Concen: 42.508 ng
RT: 28.850 min Scan# 4397
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:276 Resp: 2651145

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	17.9	14.3	21.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	228207	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	837552	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	554448	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1105769	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1097646	20.000	ng	0.00
86) Perylene-d12	24.397	264	1061511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1382138	106.054	ng	0.00
7) Phenol-d6	6.951	99	1754123	107.089	ng	0.00
23) Nitrobenzene-d5	8.928	82	1811208	106.560	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	911669	111.203	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5051261	107.775	ng	0.00
79) Terphenyl-d14	19.780	244	8457811	114.020	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	287618	51.472	ng	100
3) Pyridine	3.657	79	757569	52.766	ng	99
4) n-Nitrosodimethylamine	3.563	42	295491	52.476	ng	100
6) Aniline	7.098	93	1096746	53.024	ng	99
8) 2-Chlorophenol	7.339	128	742074	52.664	ng	100
9) Benzaldehyde	6.910	77	577740	52.770	ng	99
10) Phenol	6.981	94	877155	52.897	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	725268	52.379	ng	99
12) 1,3-Dichlorobenzene	7.657	146	885183	52.004	ng	100
13) 1,4-Dichlorobenzene	7.804	146	888114	51.937	ng	100
14) 1,2-Dichlorobenzene	8.122	146	859475	52.033	ng	99
15) Benzyl Alcohol	8.016	79	612811	53.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	863443	51.300	ng	99
17) 2-Methylphenol	8.228	107	585120	53.563	ng	99
18) Hexachloroethane	8.845	117	312710	51.444	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	563847	53.672	ng	100
20) 3+4-Methylphenols	8.551	107	794422	53.851	ng	98
22) Acetophenone	8.592	105	1100024	52.827	ng	99
24) Nitrobenzene	8.969	77	779215	53.020	ng	99
25) Isophorone	9.498	82	1526436	52.685	ng	100
26) 2-Nitrophenol	9.680	139	415316	55.315	ng	99
27) 2,4-Dimethylphenol	9.751	122	674547	54.175	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	946285	52.843	ng	100
29) 2,4-Dichlorophenol	10.227	162	751117	53.847	ng	99
30) 1,2,4-Trichlorobenzene	10.427	180	891501	52.457	ng	98
31) Naphthalene	10.610	128	2214025	52.198	ng	100
32) Benzoic acid	9.922	122	431557	54.343	ng	98
33) 4-Chloroaniline	10.727	127	937309	53.913	ng	99
34) Hexachlorobutadiene	10.898	225	566049	52.471	ng	99
35) Caprolactam	11.522	113	218572	53.741	ng	92
36) 4-Chloro-3-methylphenol	11.869	107	688099	53.394	ng	98
37) 2-Methylnaphthalene	12.227	142	1494348	52.548	ng	99
38) 1-Methylnaphthalene	12.445	142	1572248	52.243	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1033027	53.822	ng	99
41) Hexachlorocyclopentadiene	12.580	237	649060	55.336	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	672901	55.275	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

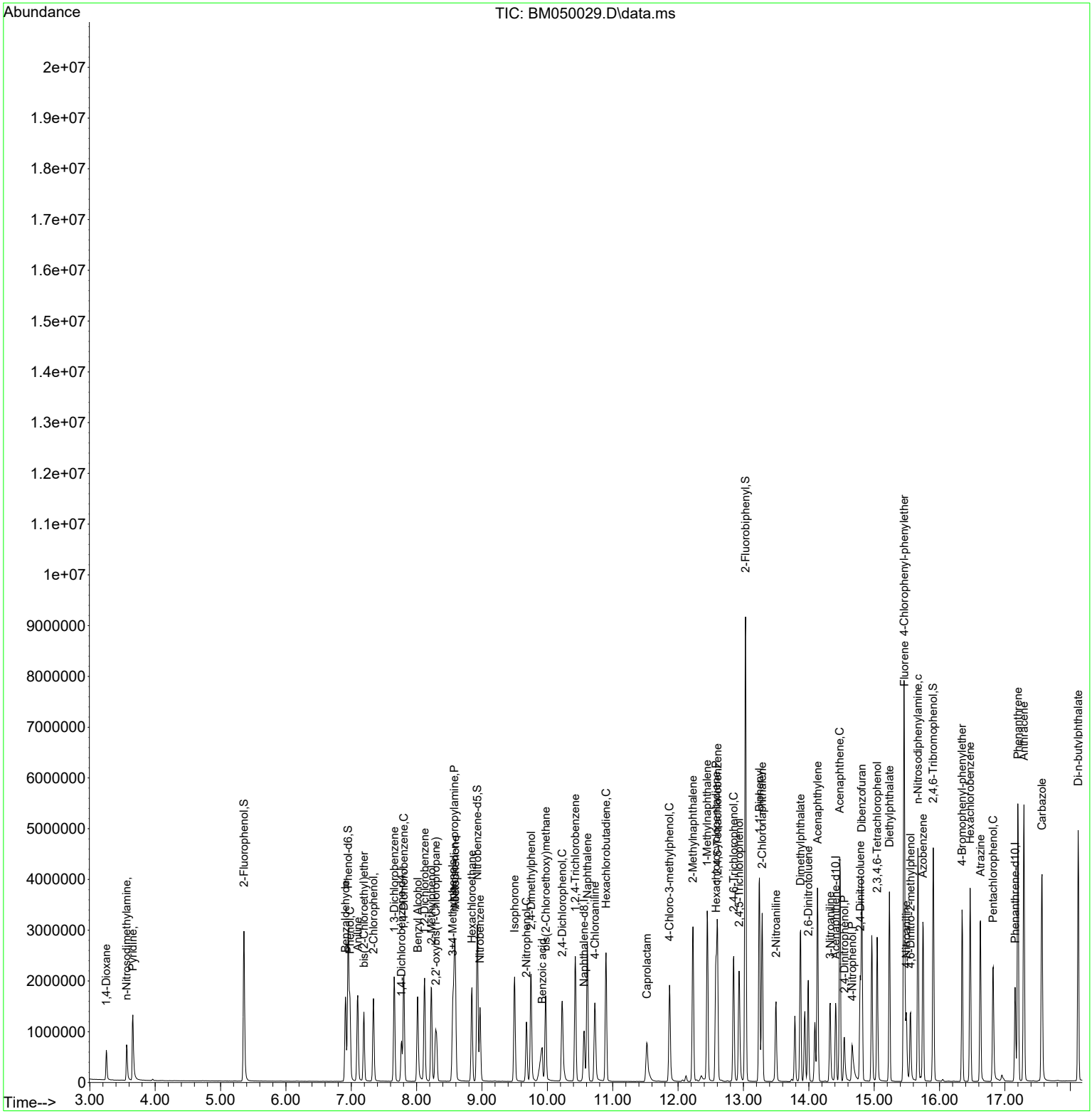
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	719930	54.841	ng	100
46) 1,1'-Biphenyl	13.245	154	2191996	53.185	ng	100
47) 2-Chloronaphthalene	13.286	162	1729678	52.989	ng	100
48) 2-Nitroaniline	13.498	65	421489	55.016	ng	99
49) Acenaphthylene	14.133	152	2731966	53.082	ng	100
50) Dimethylphthalate	13.874	163	2138242	52.770	ng	100
51) 2,6-Dinitrotoluene	13.992	165	458476	54.650	ng	99
52) Acenaphthene	14.474	154	1587472	53.287	ng	99
53) 3-Nitroaniline	14.327	138	450021	56.186	ng	96
54) 2,4-Dinitrophenol	14.545	184	269515	52.338	ng	99
55) Dibenzofuran	14.810	168	2617489	52.809	ng	100
56) 4-Nitrophenol	14.663	139	328078	52.029	ng	100
57) 2,4-Dinitrotoluene	14.786	165	648262	55.921	ng	99
58) Fluorene	15.462	166	2180247	53.740	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	617151	54.311	ng	99
60) Diethylphthalate	15.233	149	2011763	52.691	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1207514	54.188	ng	99
62) 4-Nitroaniline	15.492	138	445520	57.612	ng	99
63) Azobenzene	15.745	77	1703932	53.251	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	393191	56.806	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1815723	53.474	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	713498	53.359	ng	98
68) Hexachlorobenzene	16.468	284	815392	52.900	ng	98
69) Atrazine	16.627	200	669330	54.648	ng	99
70) Pentachlorophenol	16.821	266	475717	54.830	ng	99
71) Phenanthrene	17.198	178	3349195	53.702	ng	100
72) Anthracene	17.292	178	3417239	54.143	ng	100
73) Carbazole	17.568	167	2971695	54.260	ng	99
74) Di-n-butylphthalate	18.121	149	3530893	54.137	ng	100
75) Fluoranthene	19.215	202	4021516	54.922	ng	100
77) Benzidine	19.403	184	2110748	54.137	ng	100
78) Pyrene	19.580	202	4169831	54.097	ng	100
80) Butylbenzylphthalate	20.474	149	1557463	53.948	ng	96
81) Benzo(a)anthracene	21.380	228	4058011	53.687	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1639448	56.659	ng	99
83) Chrysene	21.444	228	3755543	53.683	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2336926	54.194	ng	98
85) Di-n-octyl phthalate	22.427	149	3852190	54.170	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	4369253	55.240	ng	99
88) Benzo(b)fluoranthene	23.450	252	3755728	54.405	ng	99
89) Benzo(k)fluoranthene	23.515	252	3844095	55.037	ng	99
90) Benzo(a)pyrene	24.262	252	3529489	54.588	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	3575099	55.448	ng	99
92) Benzo(g,h,i)perylene	28.850	276	3363778	54.494	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

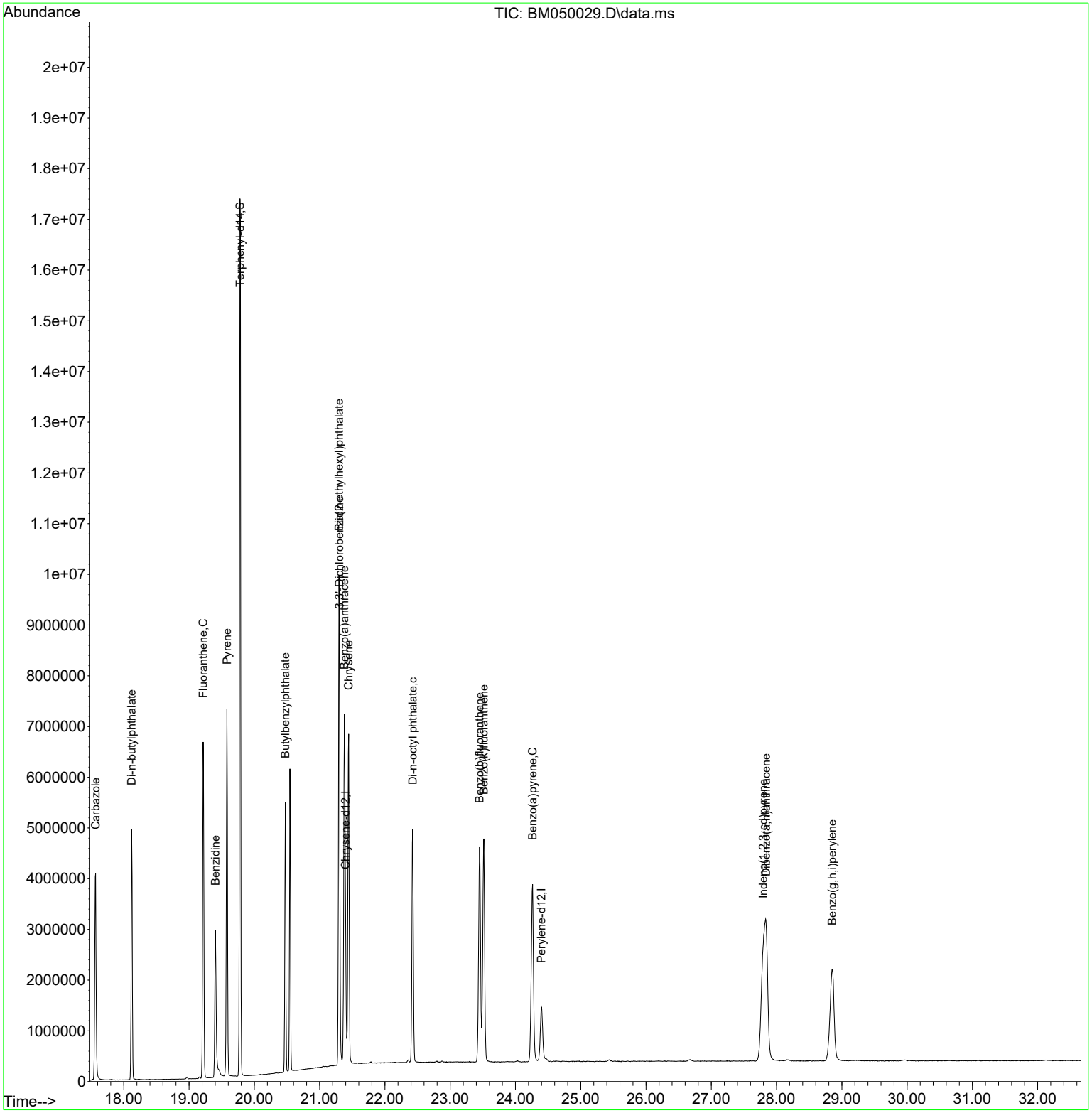


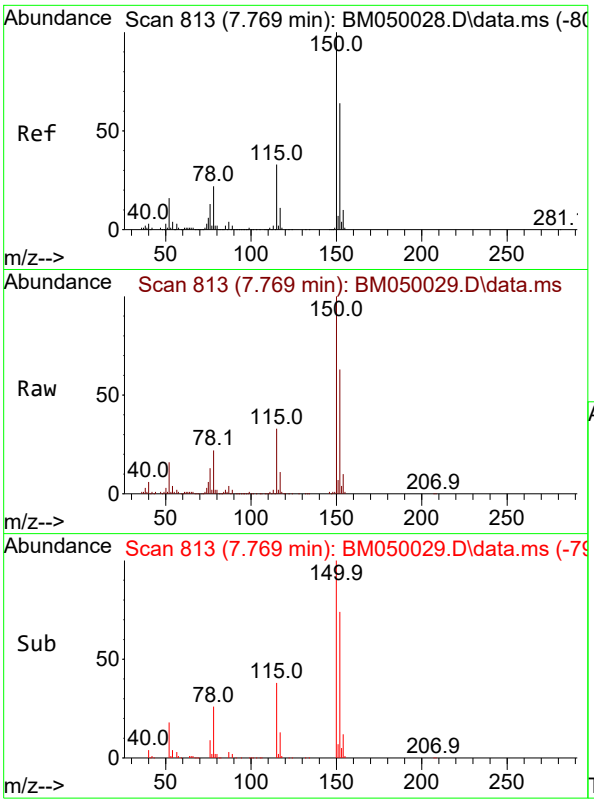
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



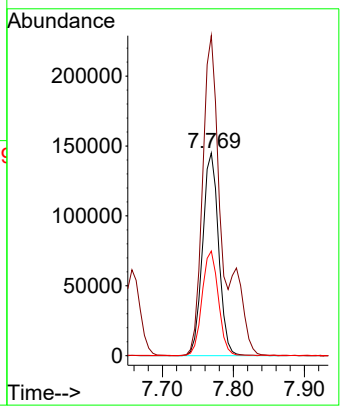


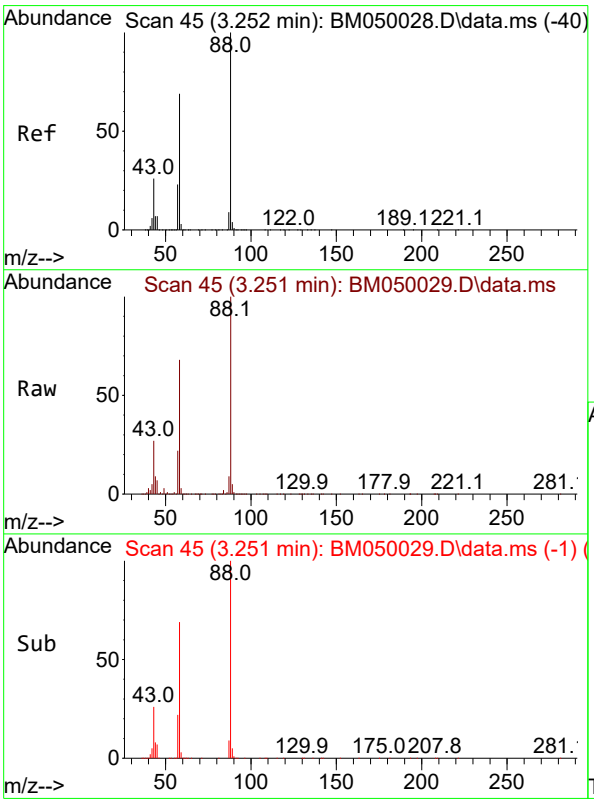
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 228207

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.1	186.1
115	51.6	41.2	61.8

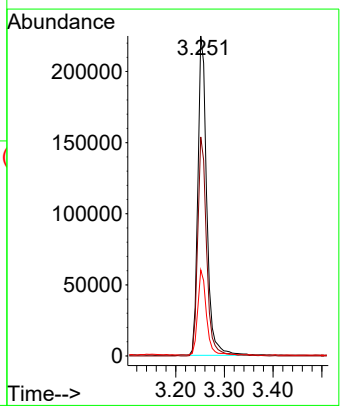


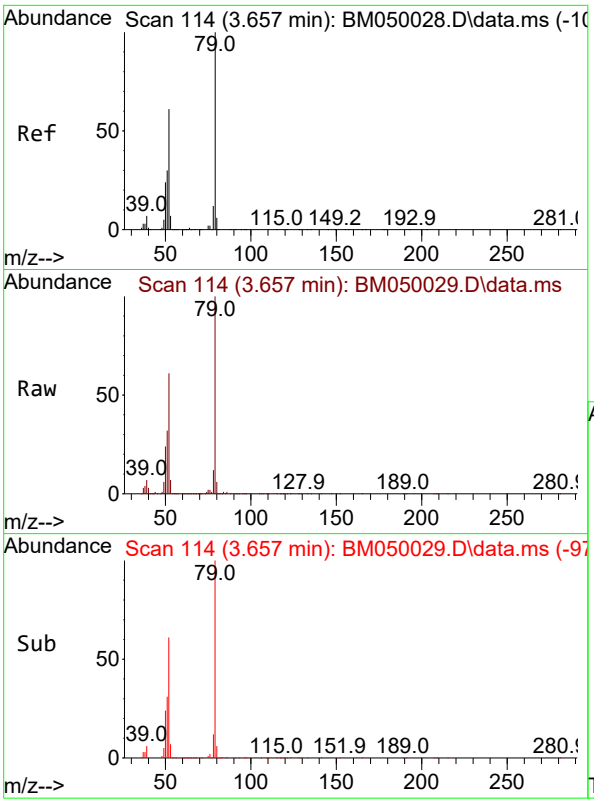


#2
1,4-Dioxane
Concen: 51.472 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 88 Resp: 287618

Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.1	82.7
43	26.0	20.9	31.3



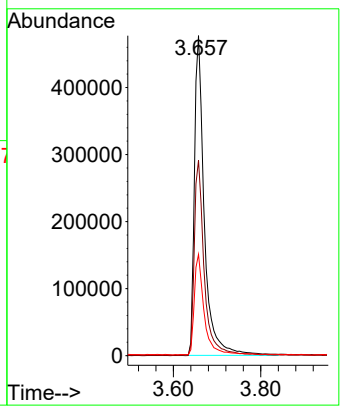


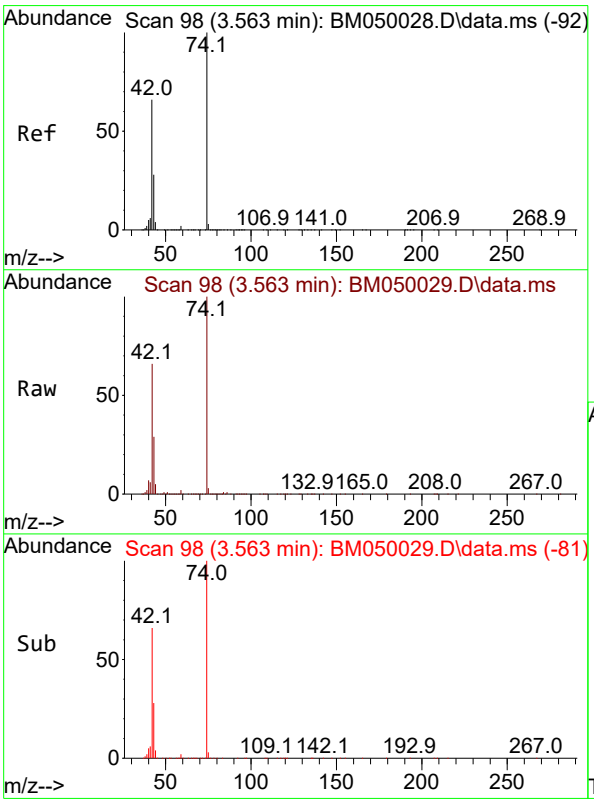
#3
Pyridine
Concen: 52.766 ng
RT: 3.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 757569

Ion	Ratio	Lower	Upper
79	100		
52	61.0	48.6	72.8
51	31.7	24.6	37.0

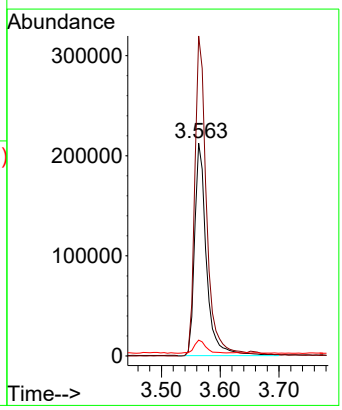


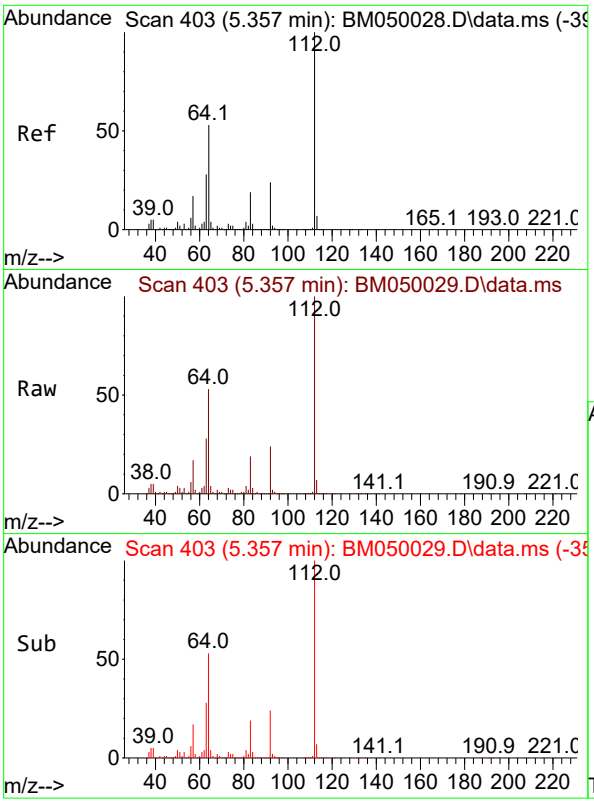


#4
n-Nitrosodimethylamine
Concen: 52.476 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 42 Resp: 295491

Ion	Ratio	Lower	Upper
42	100		
74	150.4	120.2	180.2
44	7.4	6.2	9.2



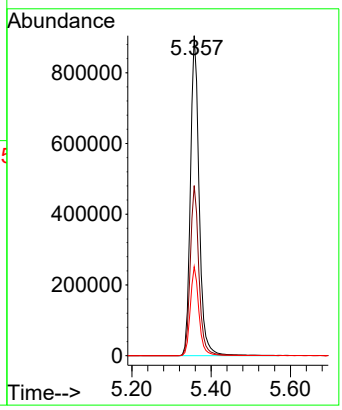


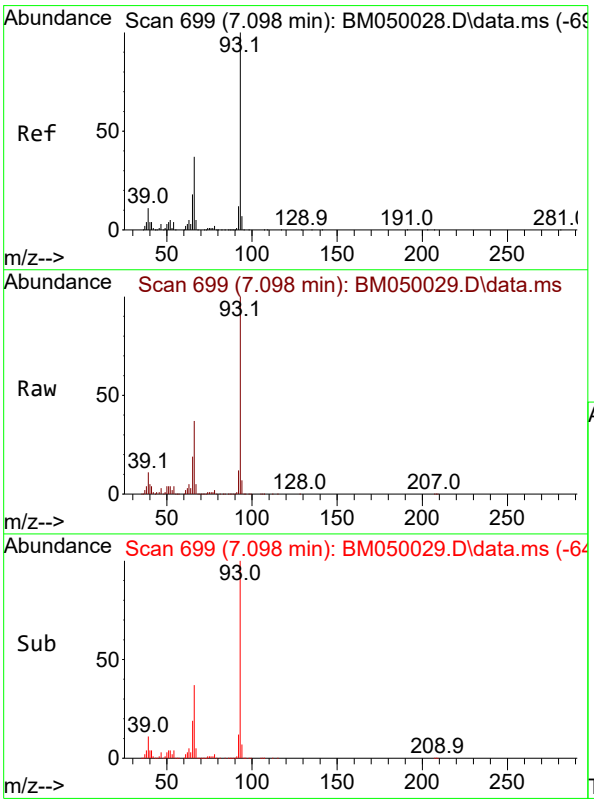
#5
2-Fluorophenol
Concen: 106.054 ng
RT: 5.357 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 1382138

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.6	64.0
63	27.8	22.2	33.4

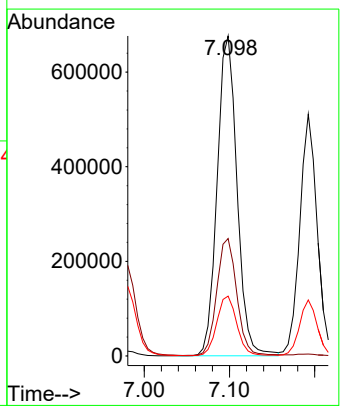


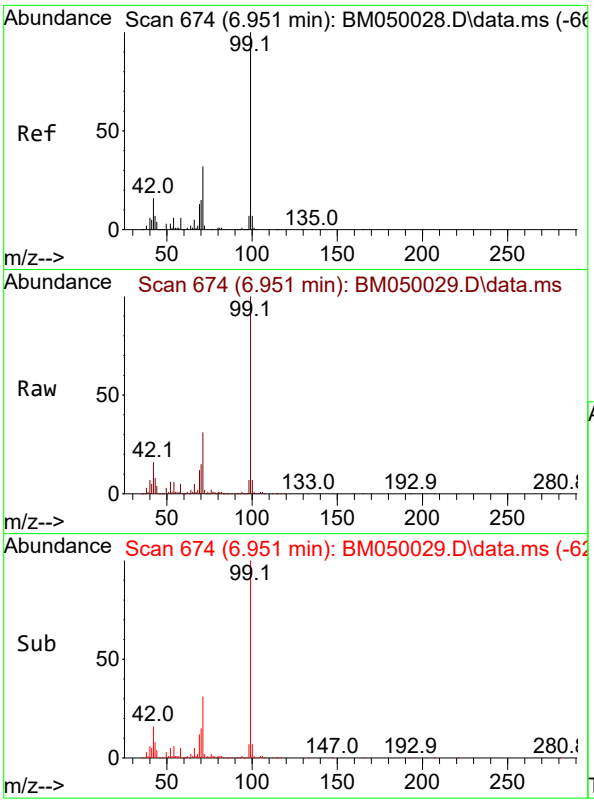


#6
Aniline
Concen: 53.024 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 93 Resp: 1096746

Ion	Ratio	Lower	Upper
93	100		
66	36.7	29.9	44.9
65	18.7	14.5	21.7



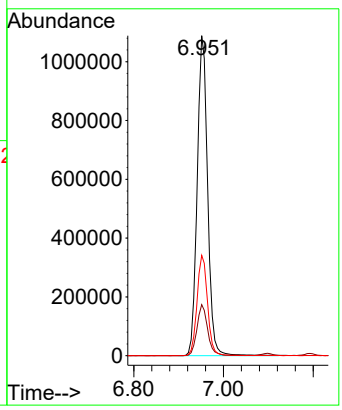


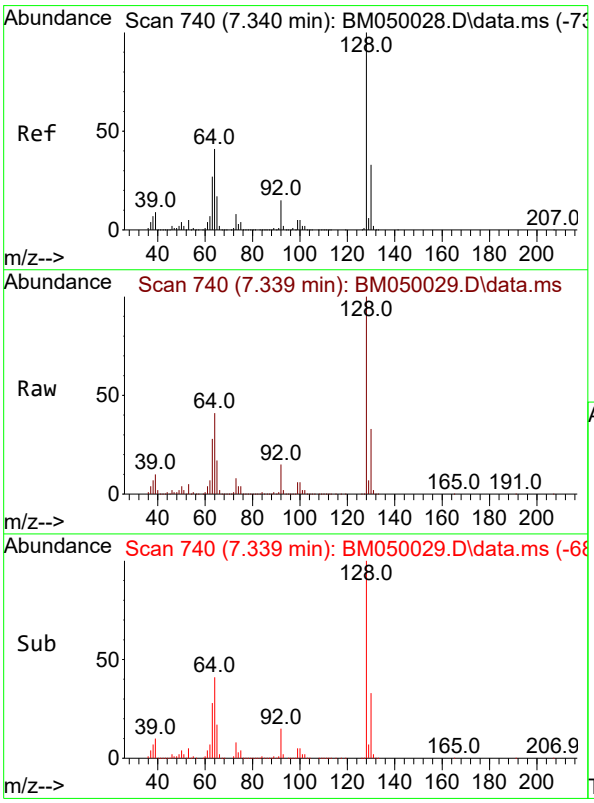
#7
Phenol-d6
Concen: 107.089 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1754123

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.0	19.4
71	31.3	25.6	38.4

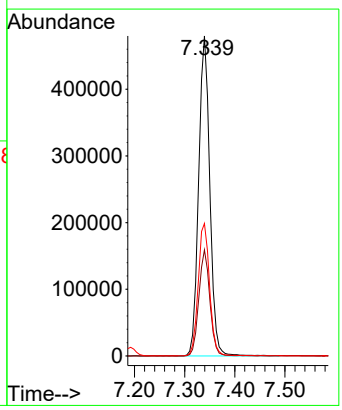


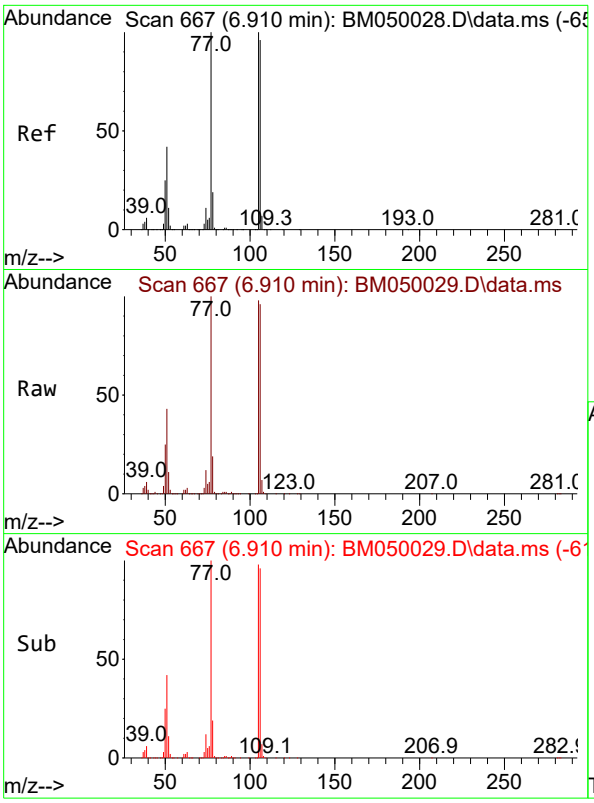


#8
2-Chlorophenol
Concen: 52.664 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:128 Resp: 742074

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.8	52.8
64	41.4	21.2	61.2



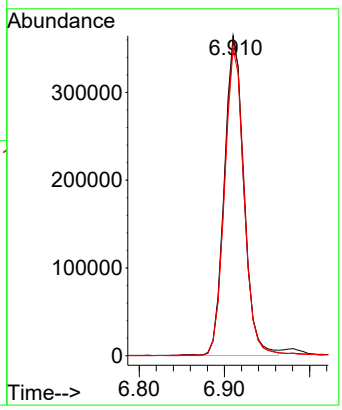


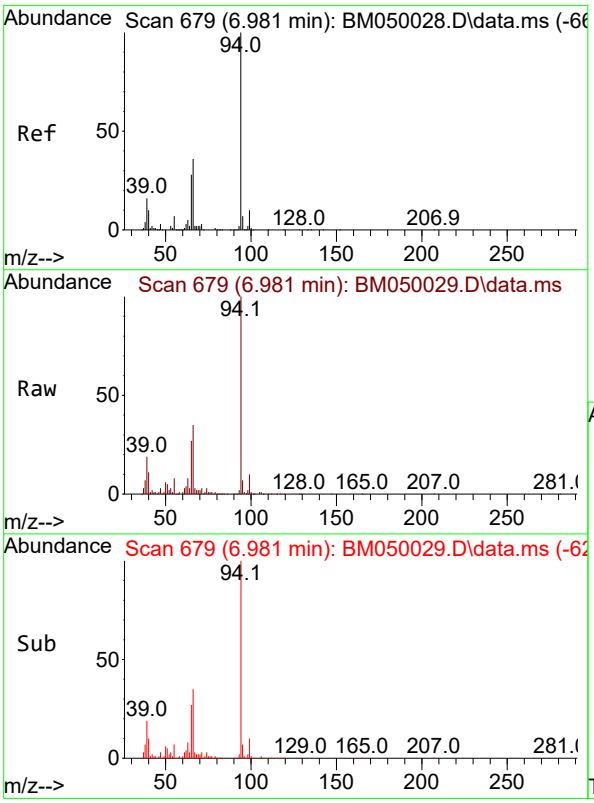
#9
Benzaldehyde
Concen: 52.770 ng
RT: 6.910 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 577740

Ion	Ratio	Lower	Upper
77	100		
105	98.2	80.5	120.5
106	95.9	76.1	116.1

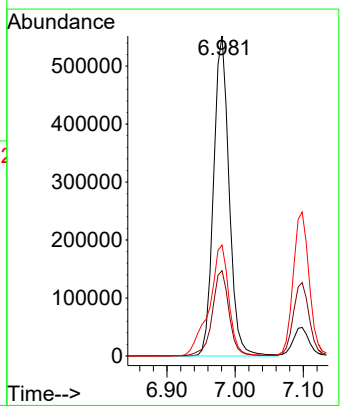


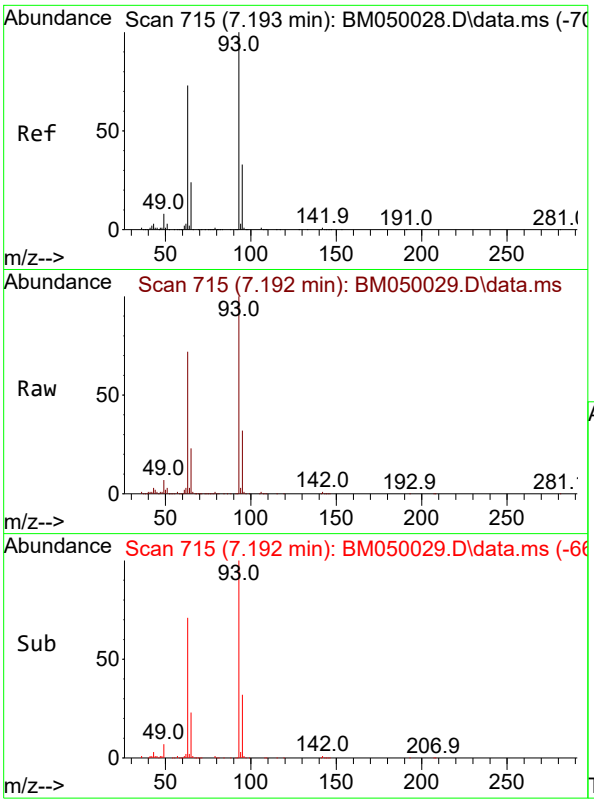


#10
Phenol
Concen: 52.897 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 94 Resp: 877155

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.6	47.6
66	34.7	15.8	55.8



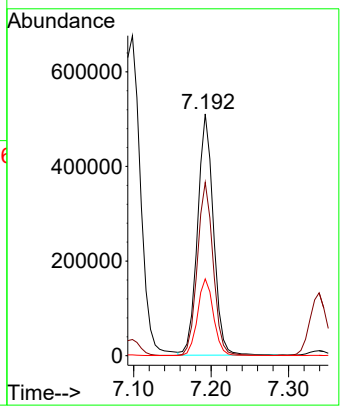


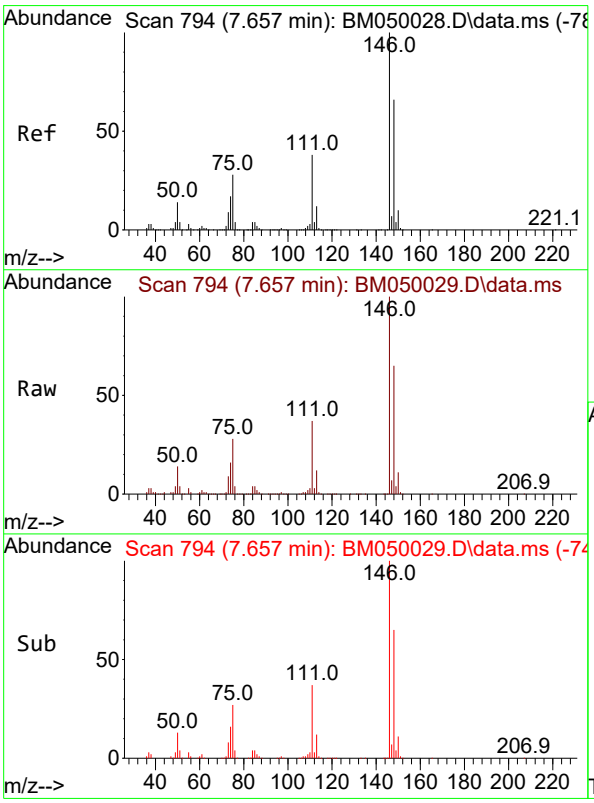
#11
bis(2-Chloroethyl)ether
Concen: 52.379 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 725268

Ion	Ratio	Lower	Upper
93	100		
63	71.7	52.3	92.3
95	31.8	12.8	52.8

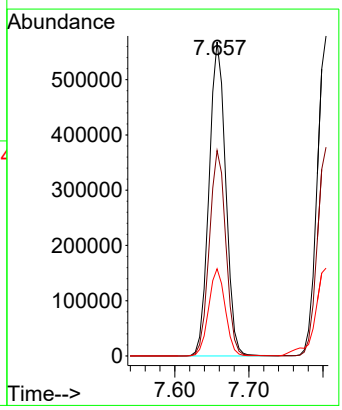


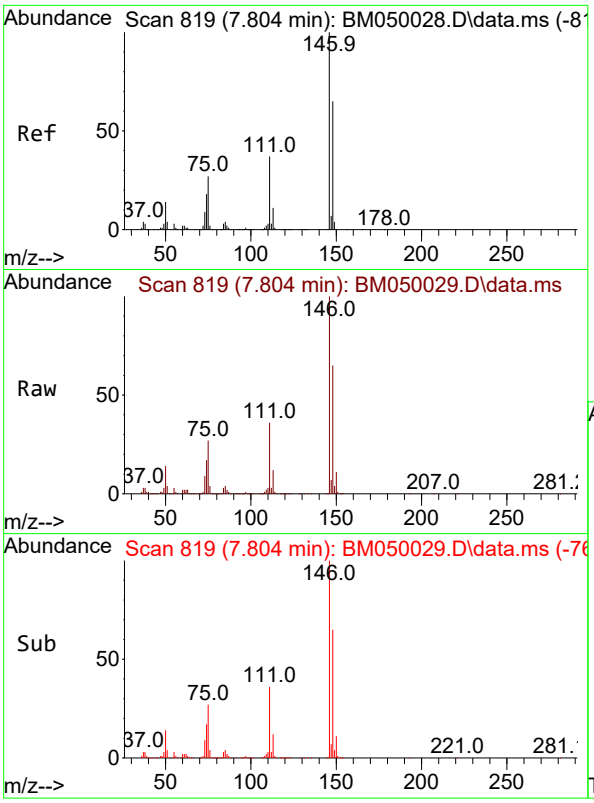


#12
1,3-Dichlorobenzene
Concen: 52.004 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:146 Resp: 885183

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.5	78.7
75	27.8	22.6	34.0



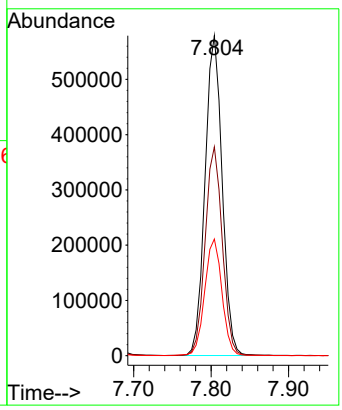


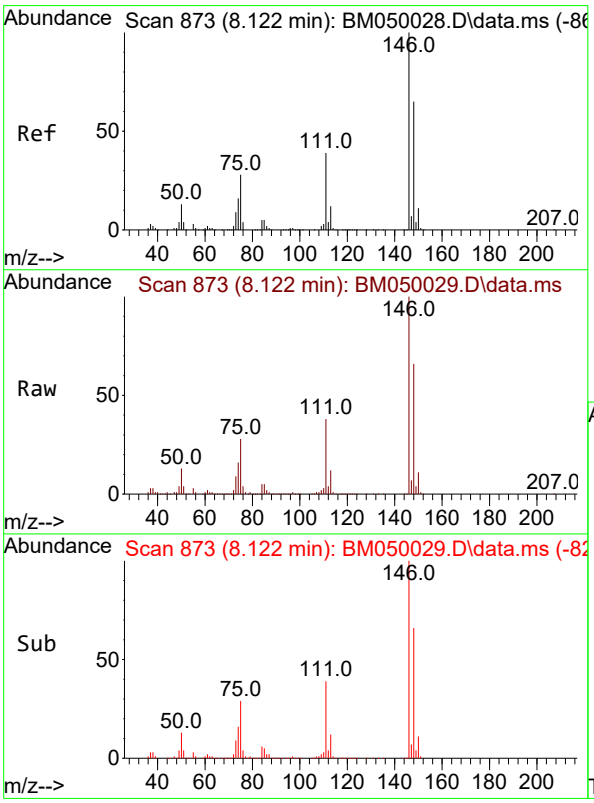
#13
1,4-Dichlorobenzene
Concen: 51.937 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 888114

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	36.5	29.3	43.9

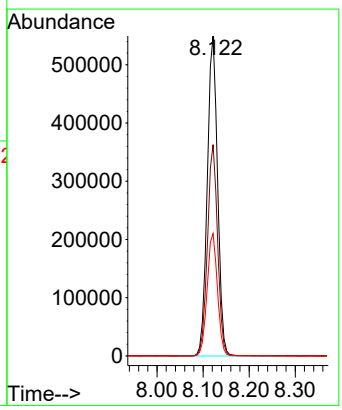


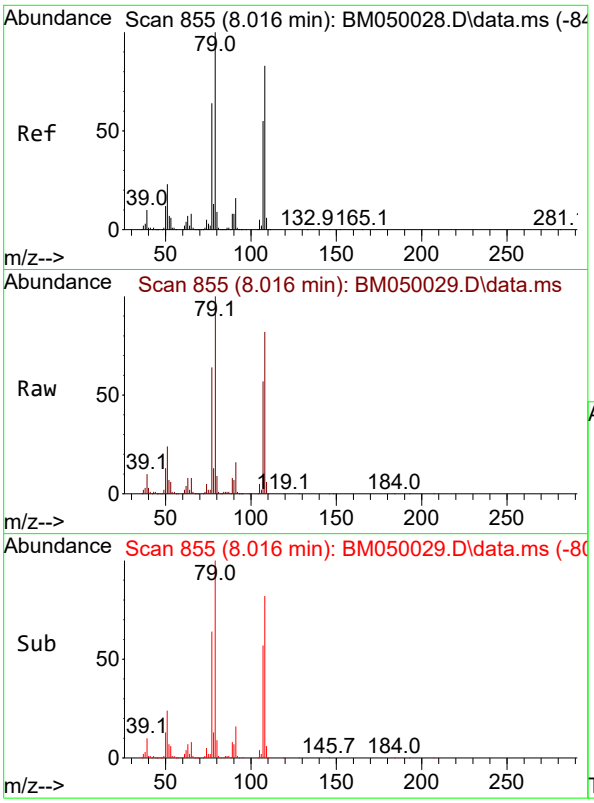


#14
1,2-Dichlorobenzene
Concen: 52.033 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:146 Resp: 859475

Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.4	78.6
111	38.2	31.0	46.6



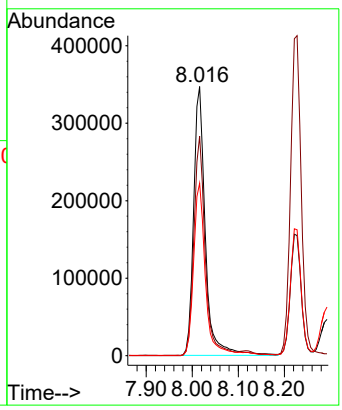


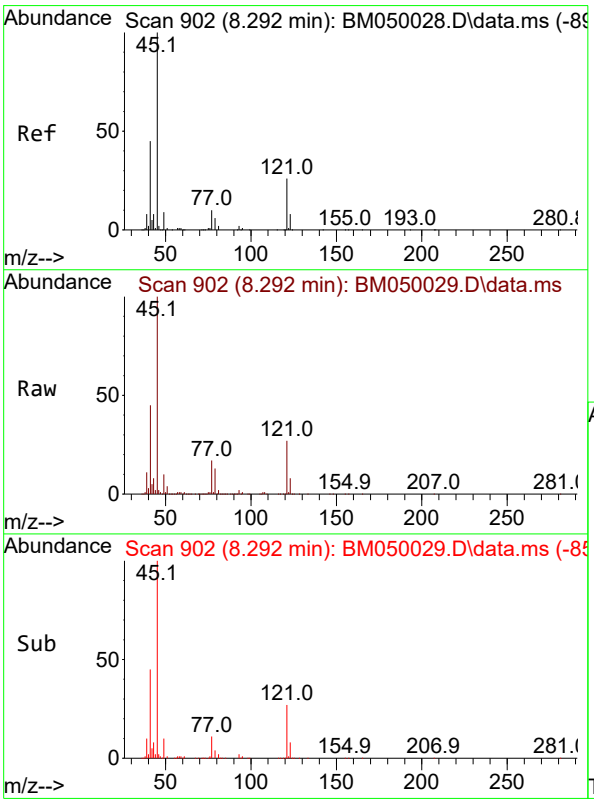
#15
Benzyl Alcohol
Concen: 53.947 ng
RT: 8.016 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 612811

Ion	Ratio	Lower	Upper
79	100		
108	81.6	66.0	99.0
77	64.1	51.6	77.4

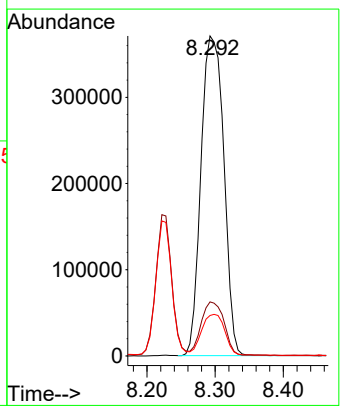


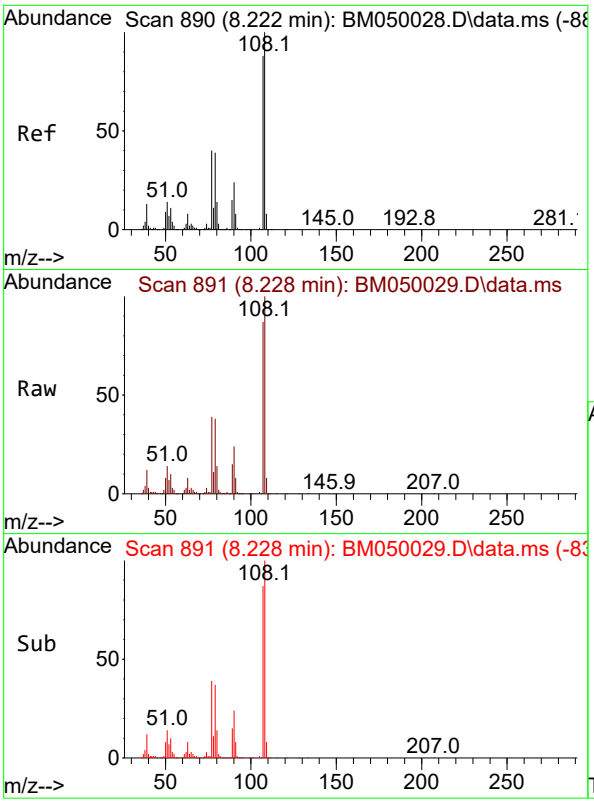


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.300 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 45 Resp: 863443

Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	36.4
79	12.7	0.0	32.7



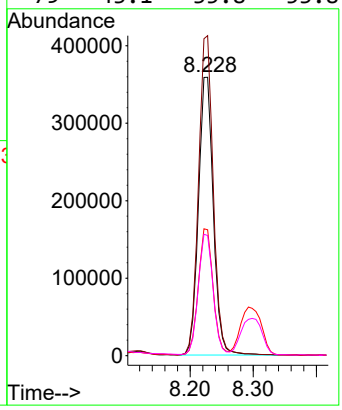


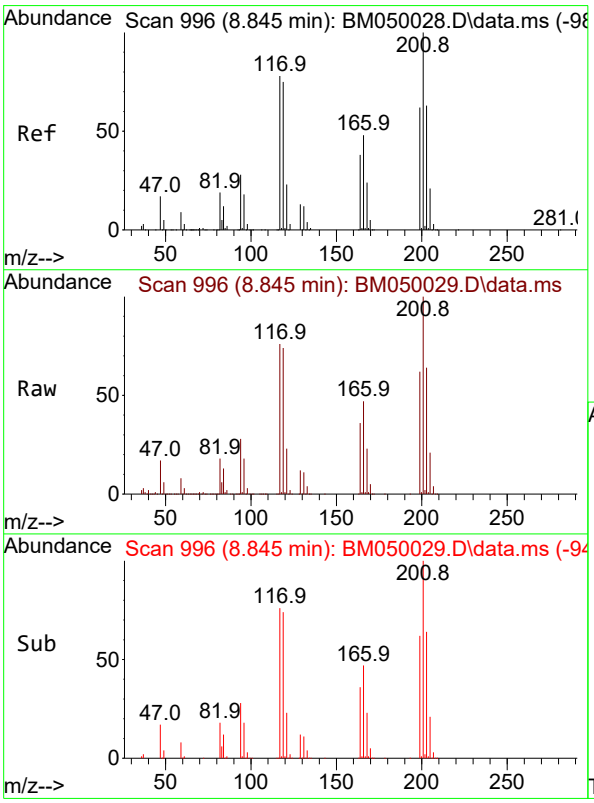
#17
2-Methylphenol
Concen: 53.563 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 585120

Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.1	136.7
77	45.2	36.2	54.4
79	43.1	35.8	53.8

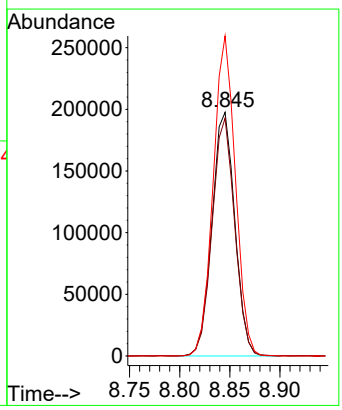


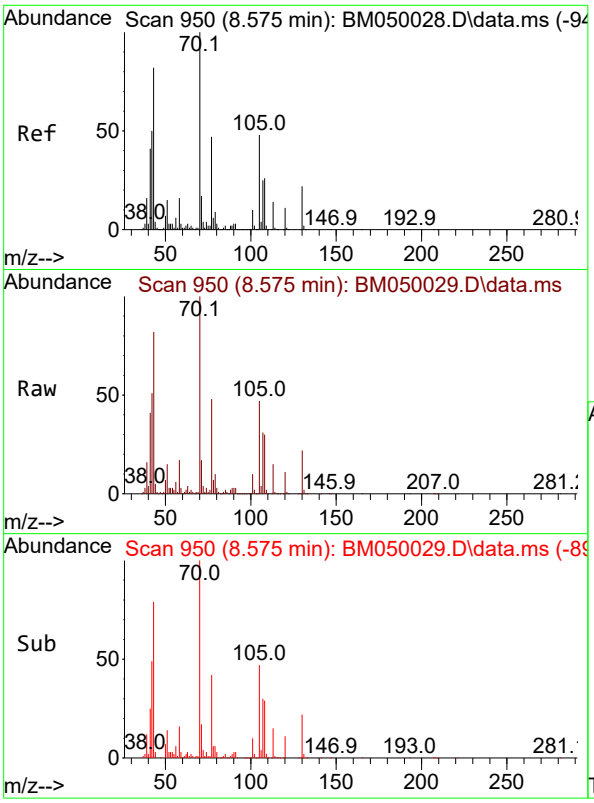


#18
Hexachloroethane
Concen: 51.444 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:117 Resp: 312710

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.3	115.9
201	131.4	102.8	154.2



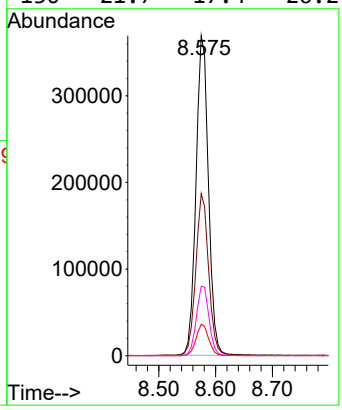


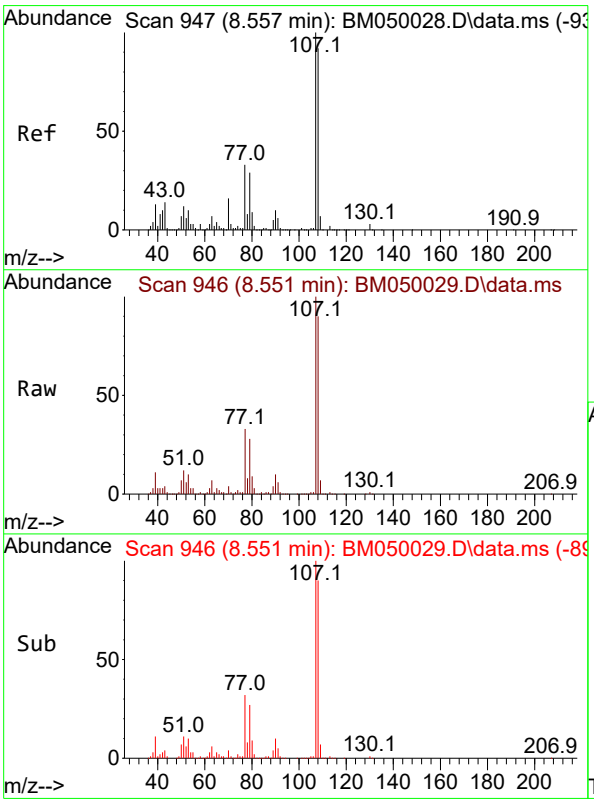
#19
n-Nitroso-di-n-propylamine
Concen: 53.672 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 563847

Ion	Ratio	Lower	Upper
70	100		
42	50.7	40.5	60.7
101	9.8	7.8	11.6
130	21.7	17.4	26.2

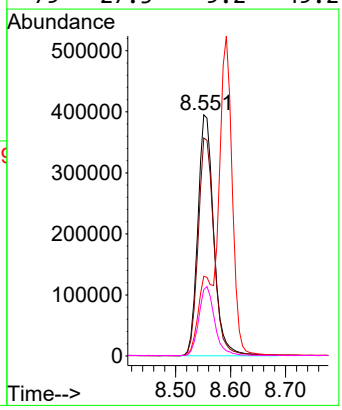


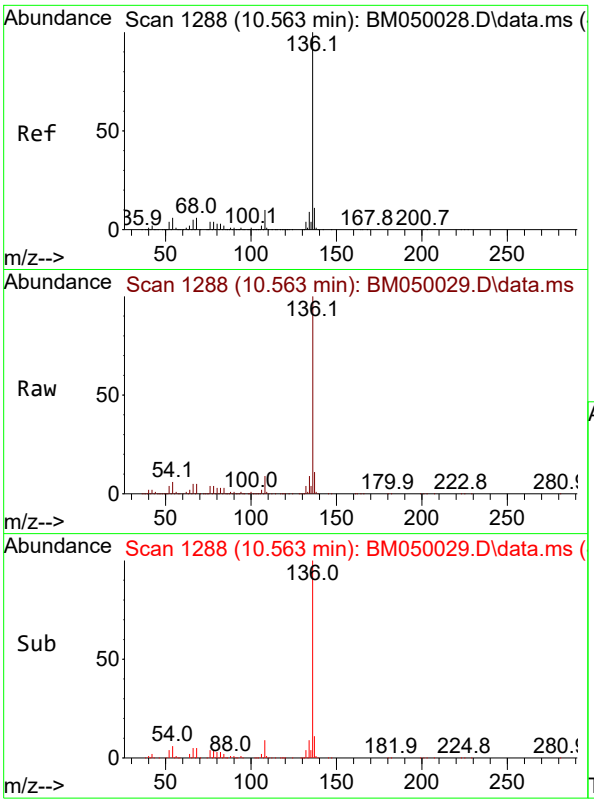


#20
3+4-Methylphenols
Concen: 53.851 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:107 Resp: 794422

Ion	Ratio	Lower	Upper
107	100		
108	90.4	72.4	112.4
77	33.0	13.6	53.6
79	27.5	9.2	49.2



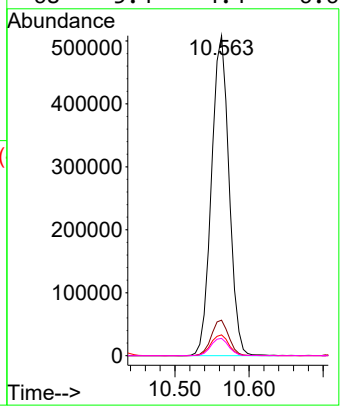


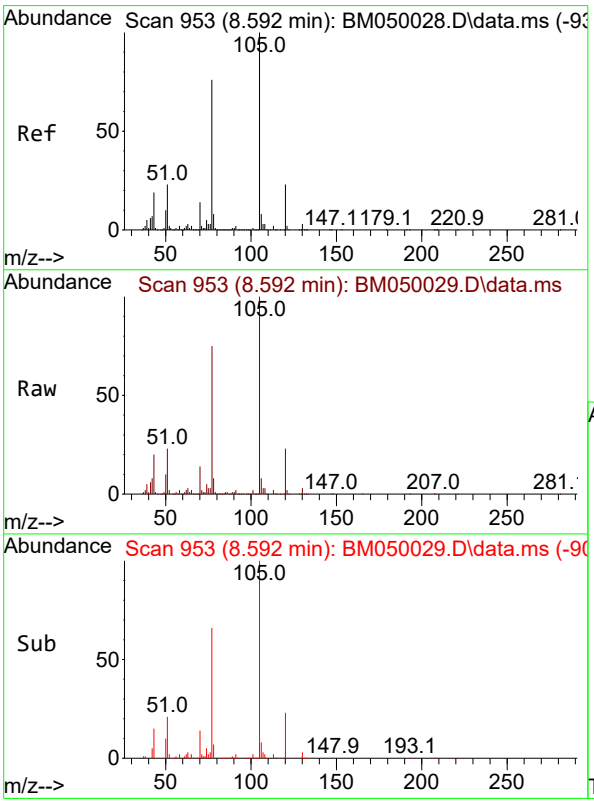
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 837552

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	5.1	7.7
68	5.4	4.4	6.6

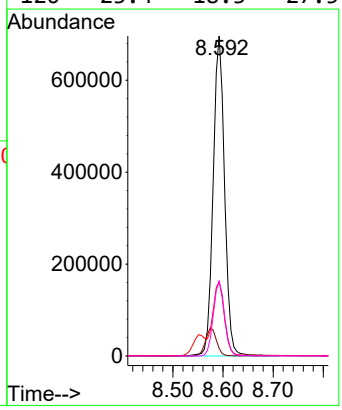


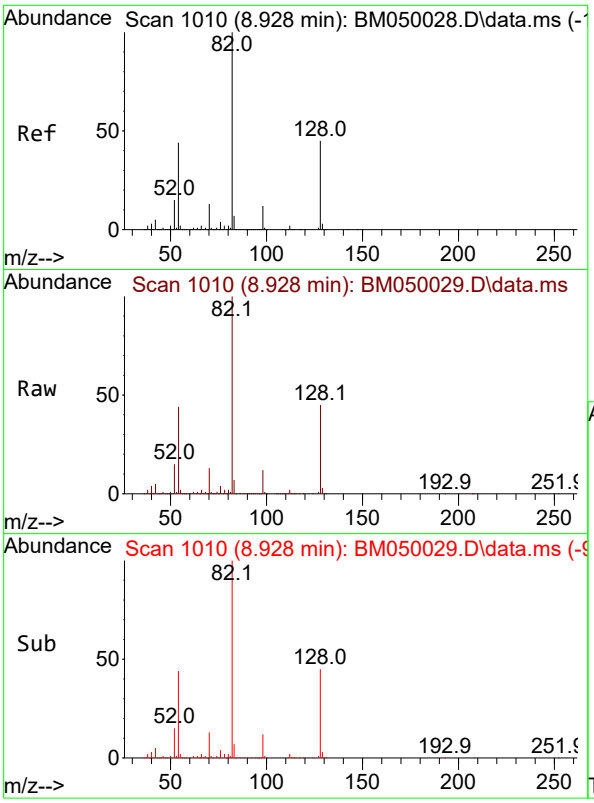


#22
Acetophenone
Concen: 52.827 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:105 Resp: 1100024

Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.7	2.5
51	23.2	18.6	27.8
120	23.4	18.3	27.5



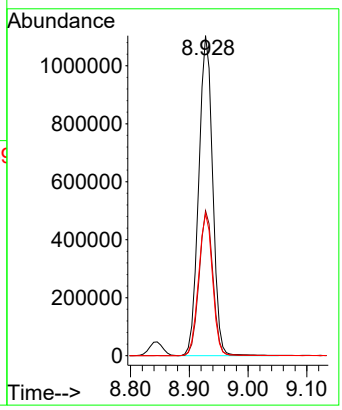


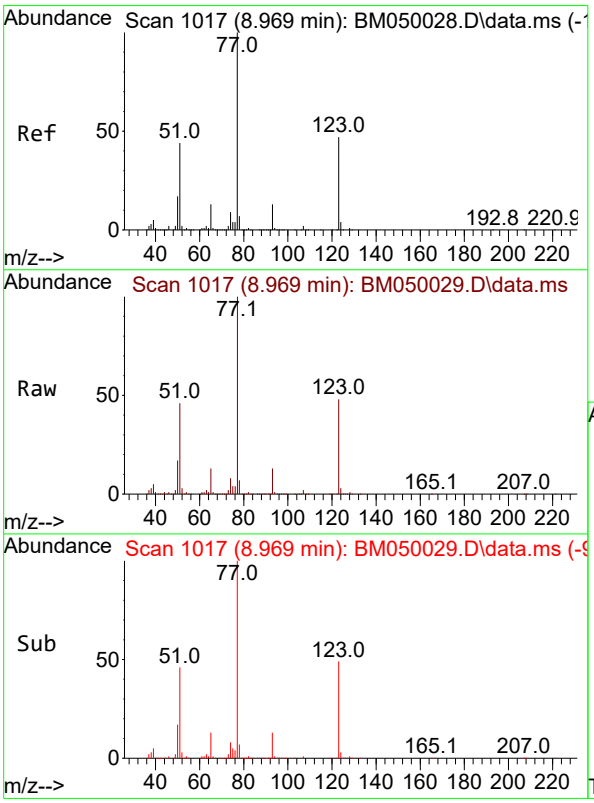
#23
Nitrobenzene-d5
Concen: 106.560 ng
RT: 8.928 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1811208

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	44.3	35.4	53.2

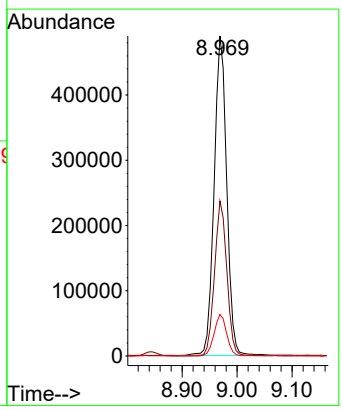


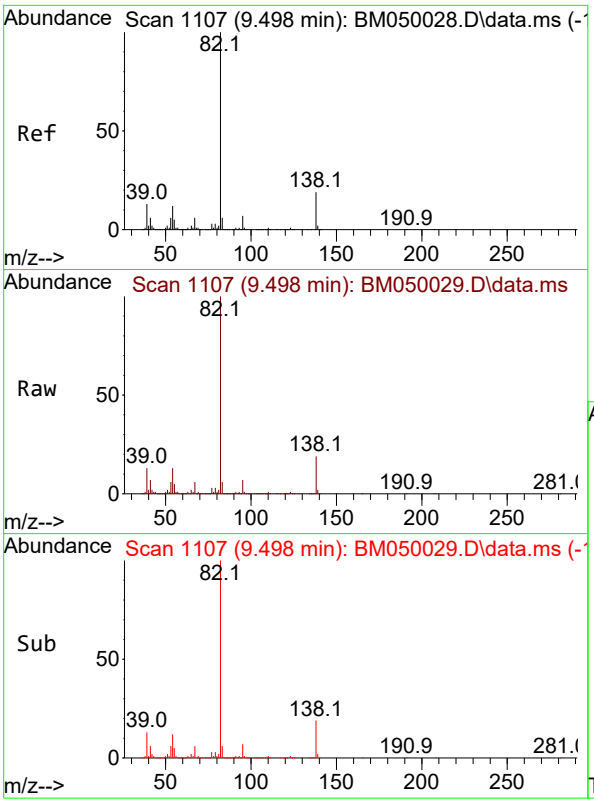


#24
Nitrobenzene
Concen: 53.020 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 77 Resp: 779215

Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.9	56.9
65	13.0	10.1	15.1



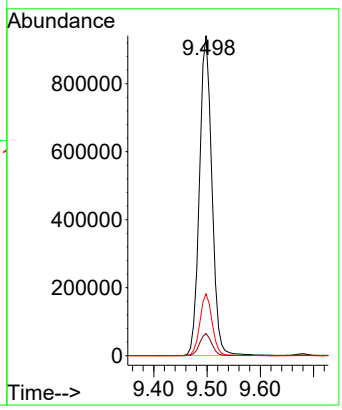


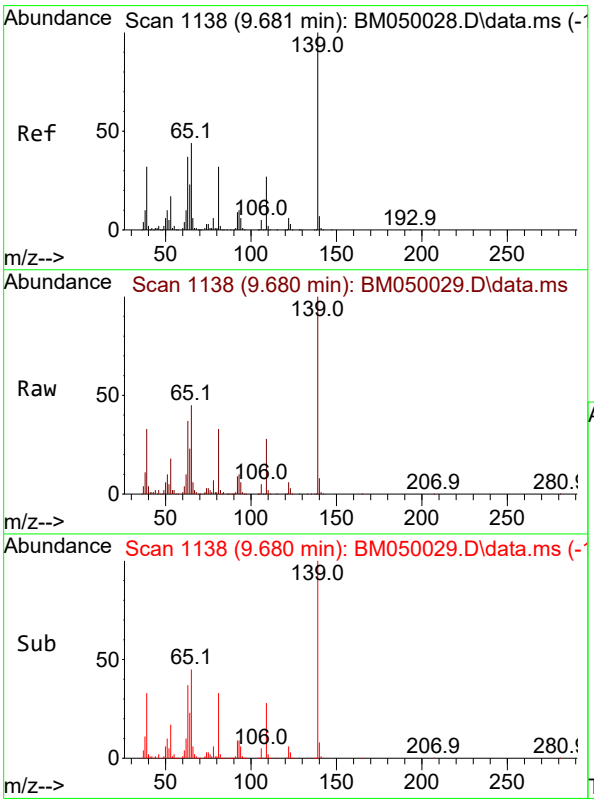
#25
Isophorone
Concen: 52.685 ng
RT: 9.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1526436

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	19.3	15.5	23.3

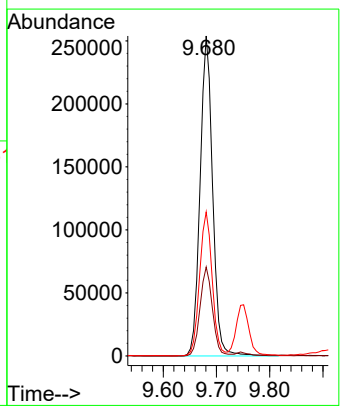


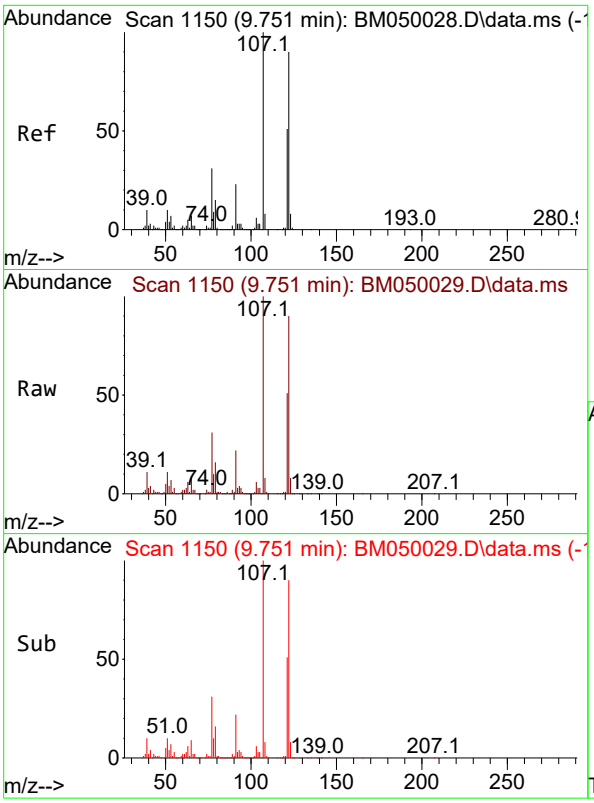


#26
2-Nitrophenol
Concen: 55.315 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:139 Resp: 415316

Ion	Ratio	Lower	Upper
139	100		
109	27.8	21.9	32.9
65	45.0	35.4	53.2



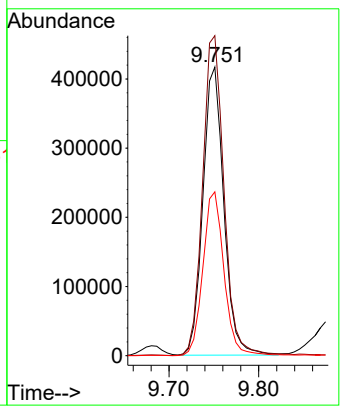


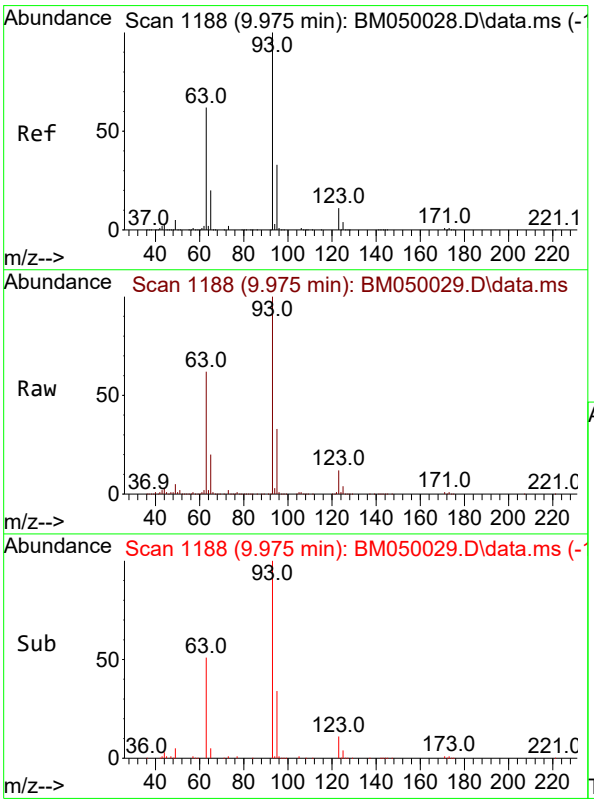
#27
2,4-Dimethylphenol
Concen: 54.175 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 674547

Ion	Ratio	Lower	Upper
122	100		
107	110.9	89.0	133.6
121	56.7	45.6	68.4

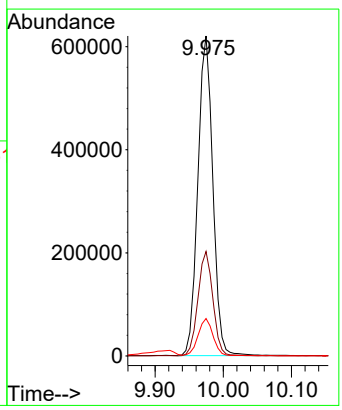


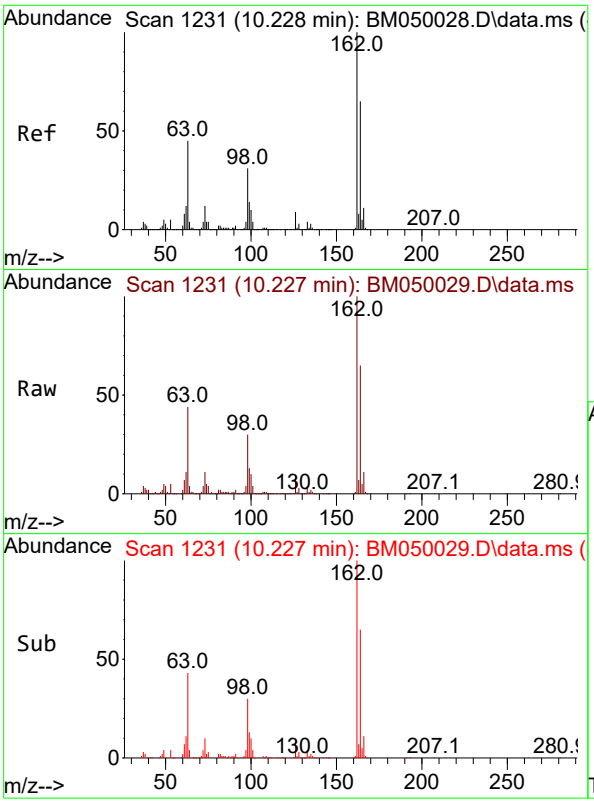


#28
bis(2-Chloroethoxy)methane
Concen: 52.843 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 93 Resp: 946285

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.7	9.5	14.3



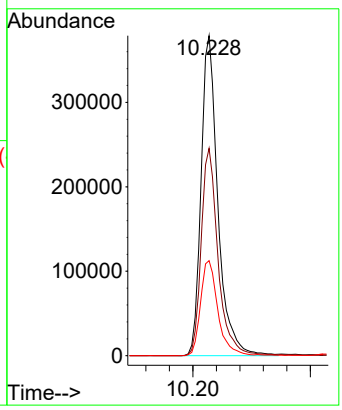


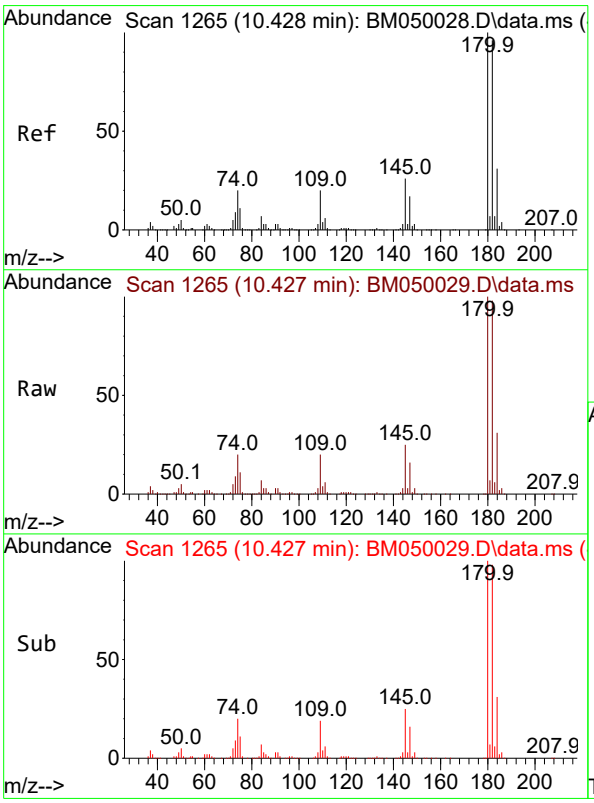
#29
2,4-Dichlorophenol
Concen: 53.847 ng
RT: 10.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 751117

Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.4	85.4
98	29.7	11.3	51.3

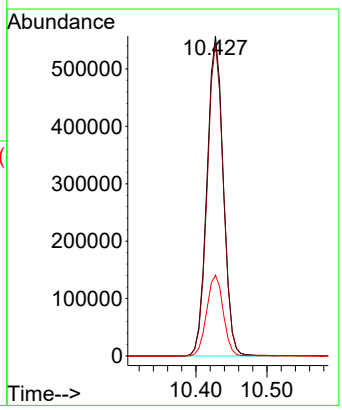


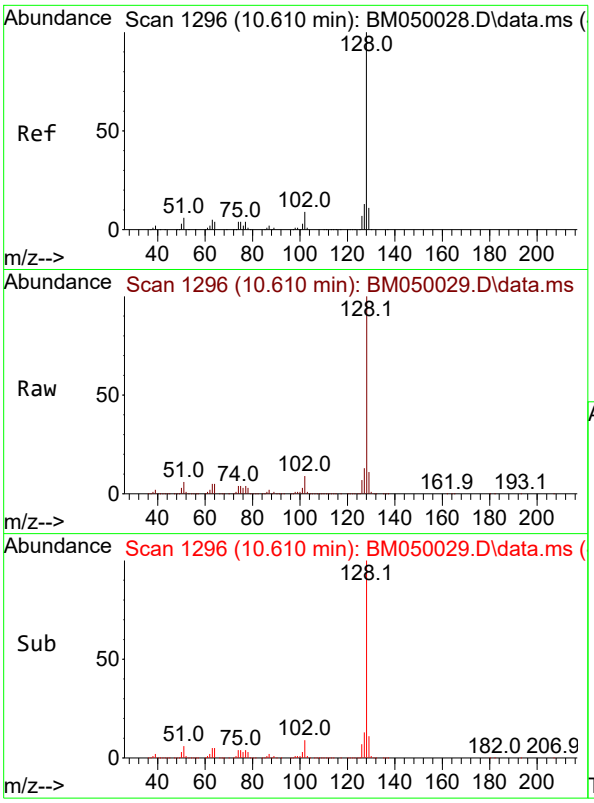


#30
1,2,4-Trichlorobenzene
Concen: 52.457 ng
RT: 10.427 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:180 Resp: 891501

Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.0	115.4
145	25.3	20.6	30.8



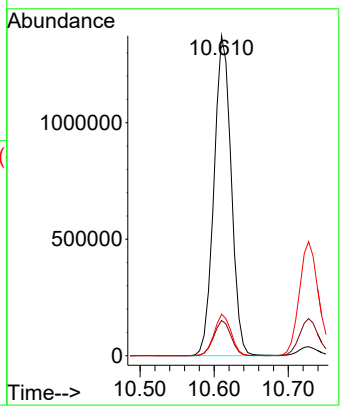


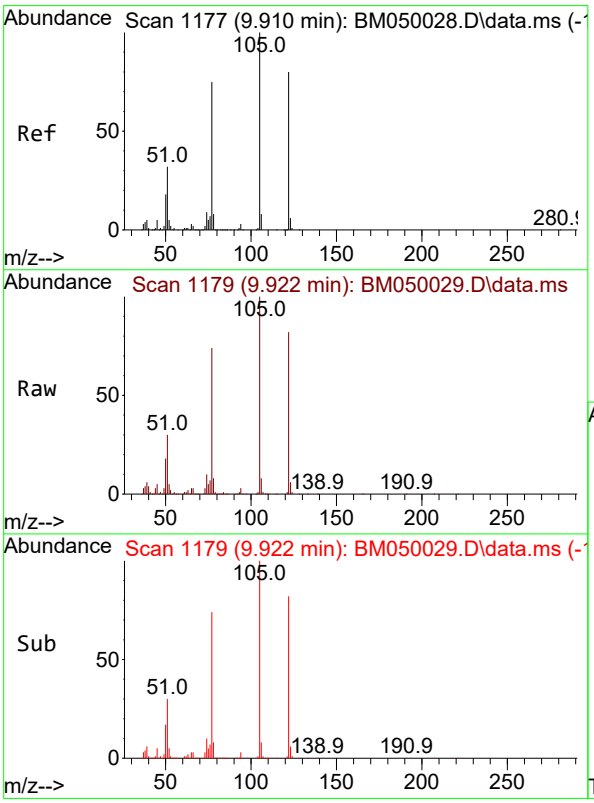
#31
Naphthalene
Concen: 52.198 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 2214025

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.4	15.6

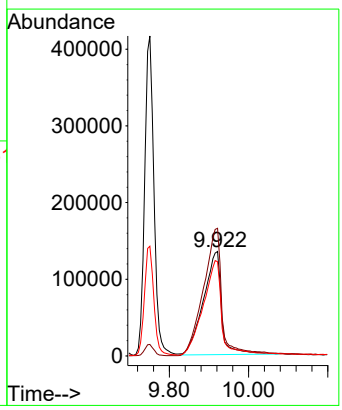


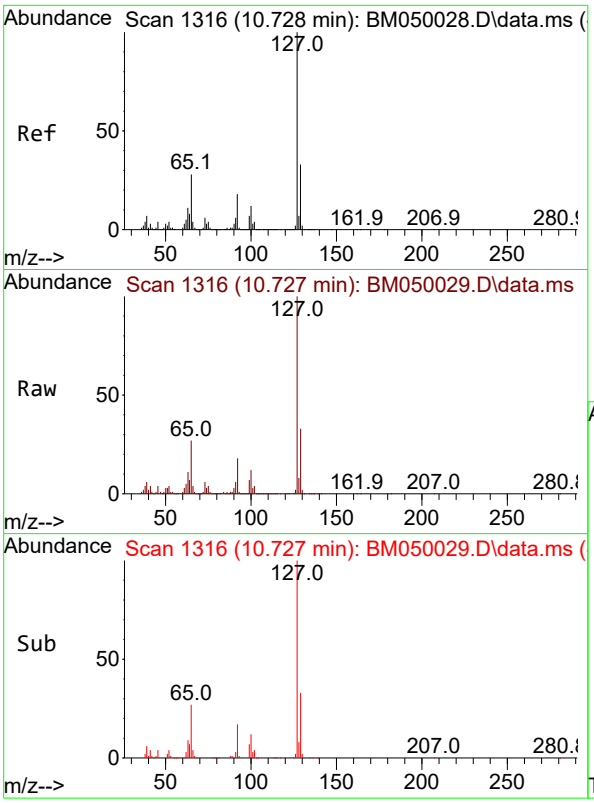


#32
Benzoic acid
Concen: 54.343 ng
RT: 9.922 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:122 Resp: 431557

Ion	Ratio	Lower	Upper
122	100		
105	122.2	103.6	143.6
77	90.1	73.7	113.7



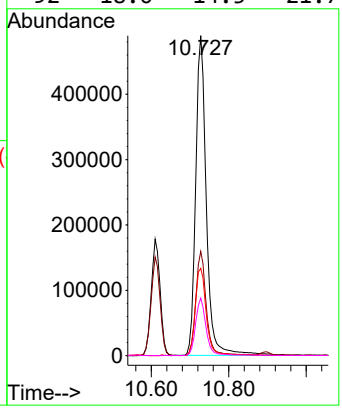


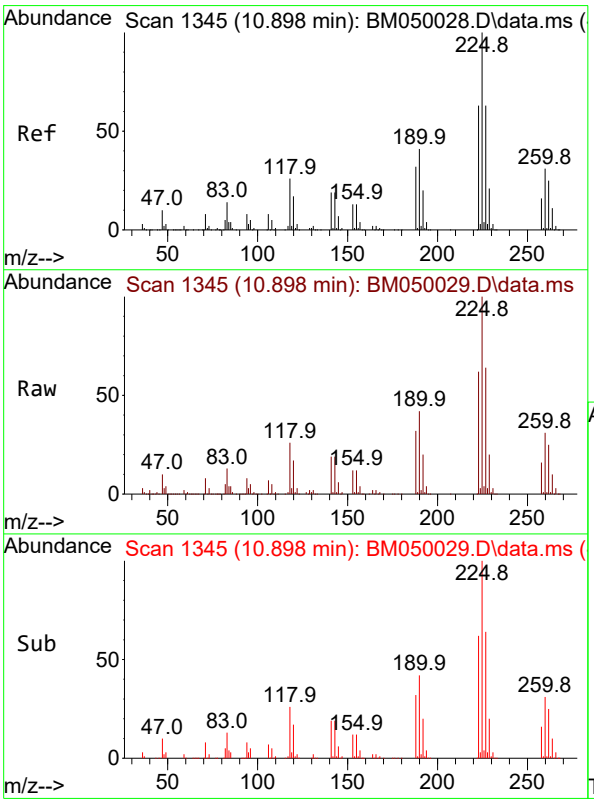
#33
4-Chloroaniline
Concen: 53.913 ng
RT: 10.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 937309

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	27.3	22.5	33.7
92	18.0	14.5	21.7

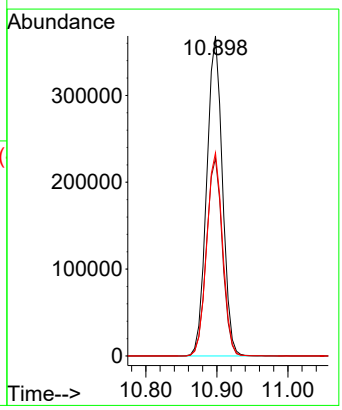


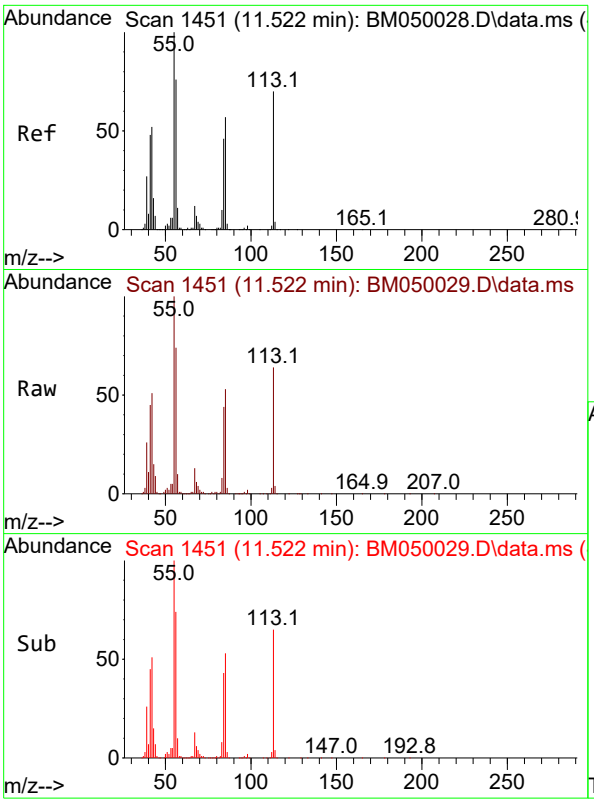


#34
Hexachlorobutadiene
Concen: 52.471 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:225 Resp: 566049

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.2	75.2
227	63.5	50.6	76.0



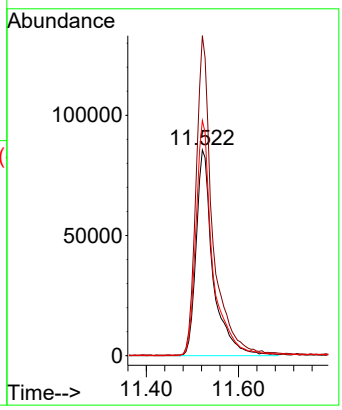


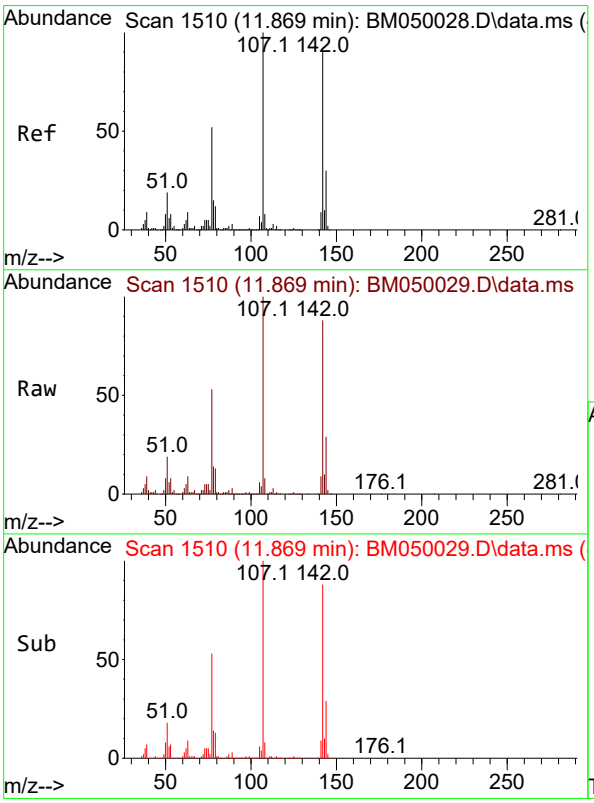
#35
Caprolactam
Concen: 53.741 ng
RT: 11.522 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 218572

Ion	Ratio	Lower	Upper
113	100		
55	155.5	122.9	162.9
56	114.3	88.1	128.1

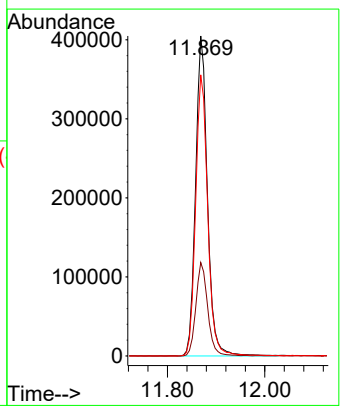


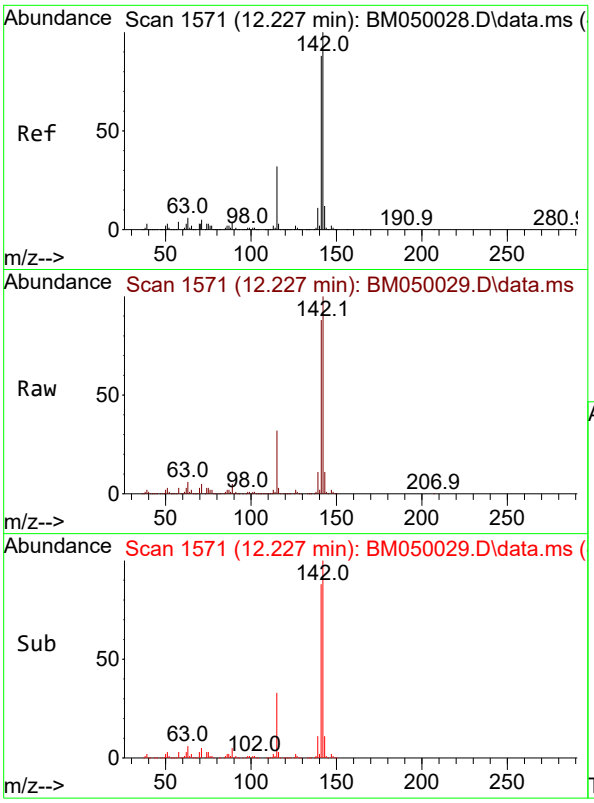


#36
4-Chloro-3-methylphenol
Concen: 53.394 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:107 Resp: 688099

Ion	Ratio	Lower	Upper
107	100		
144	29.2	23.8	35.6
142	87.9	71.9	107.9



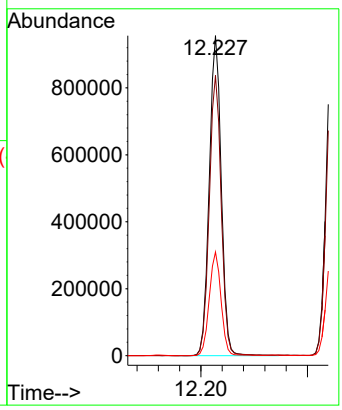


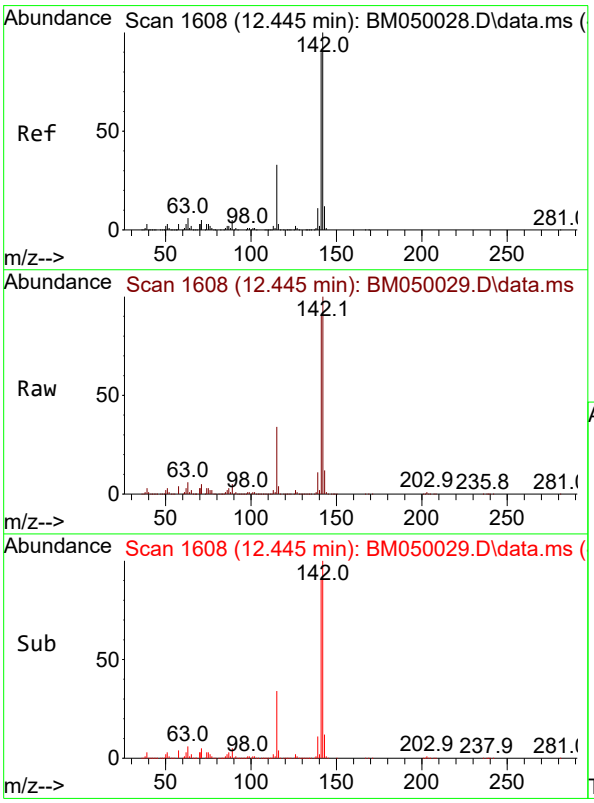
#37
2-Methylnaphthalene
Concen: 52.548 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 1494348

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	32.4	25.4	38.2

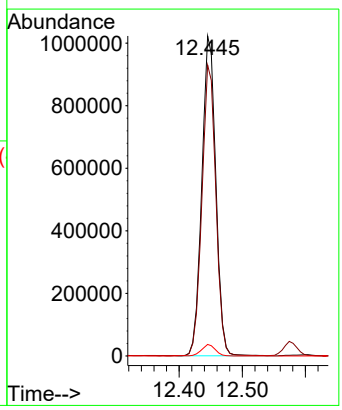


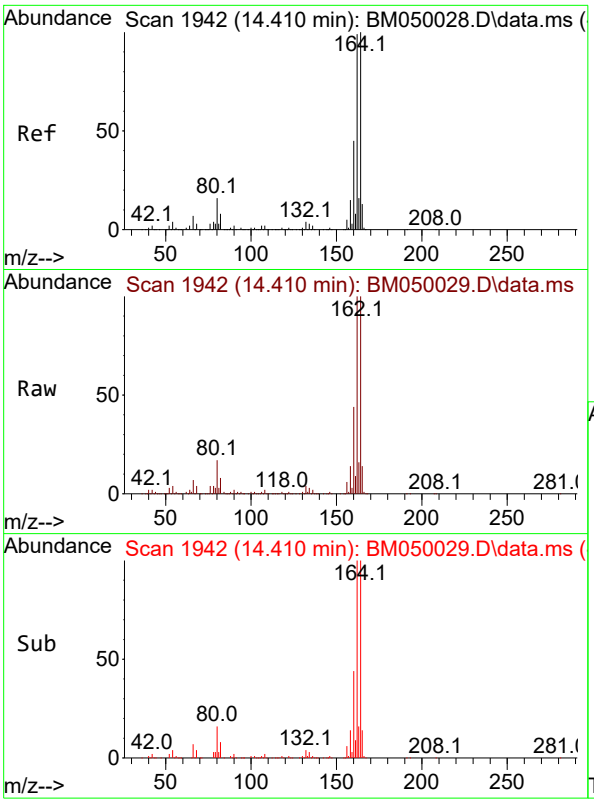


#38
1-Methylnaphthalene
Concen: 52.243 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:142 Resp: 1572248

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.1	108.1
116	3.6	2.7	4.1



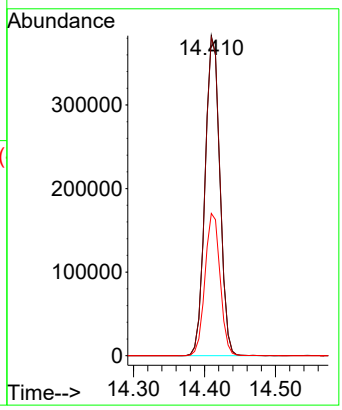


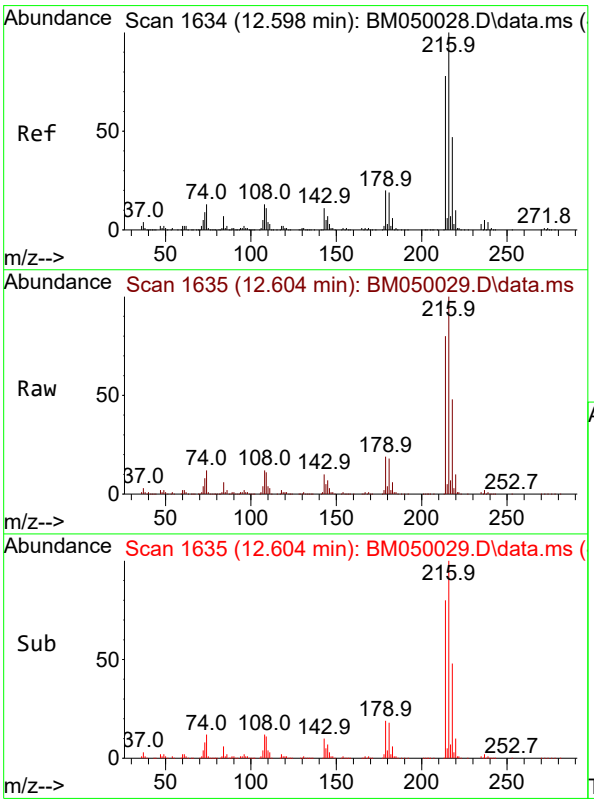
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 554448

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.4	119.0
160	44.4	36.2	54.4

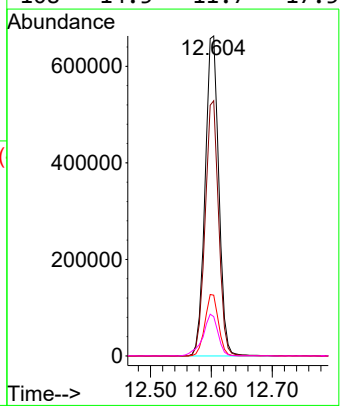


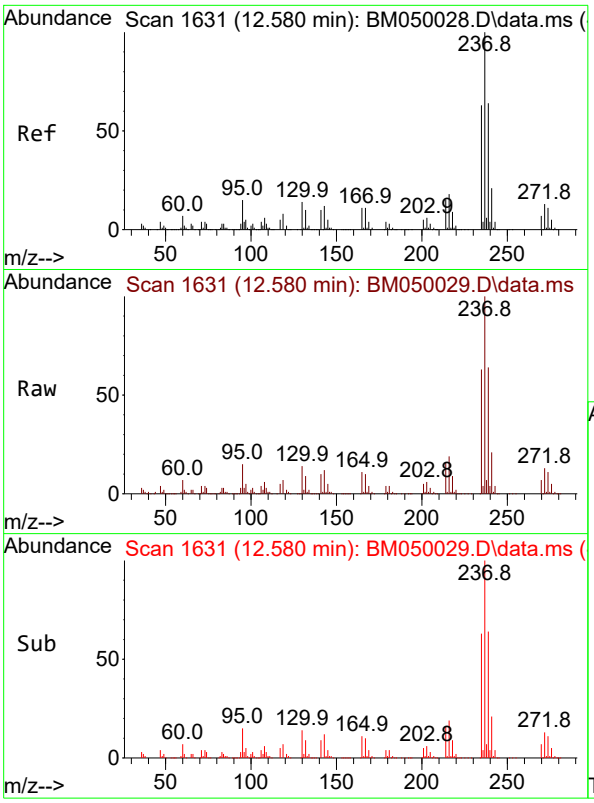


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.822 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:216 Resp: 1033027

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.3	93.5
179	19.1	15.4	23.0
108	14.5	11.7	17.5



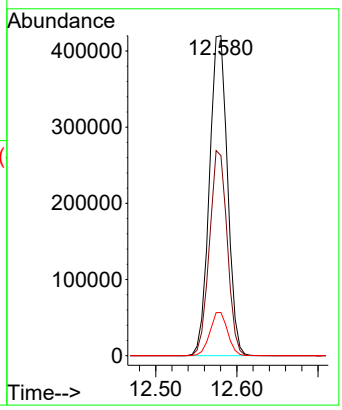


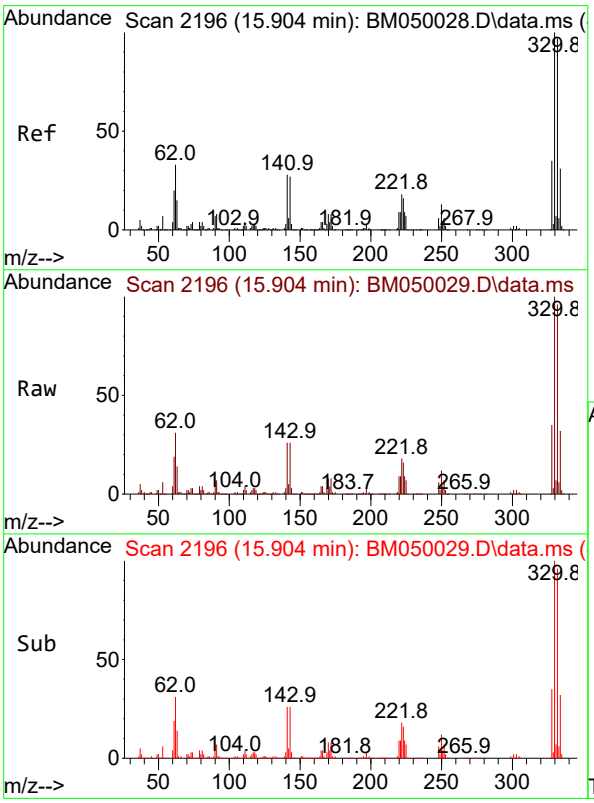
#41
Hexachlorocyclopentadiene
Concen: 55.336 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 649060

Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.9	82.9
272	13.5	0.0	32.9

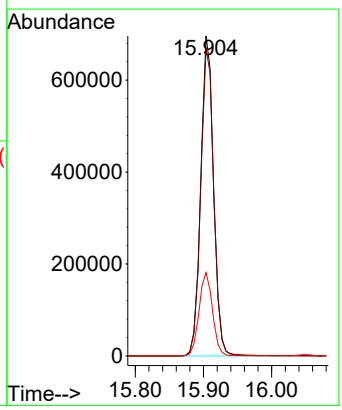


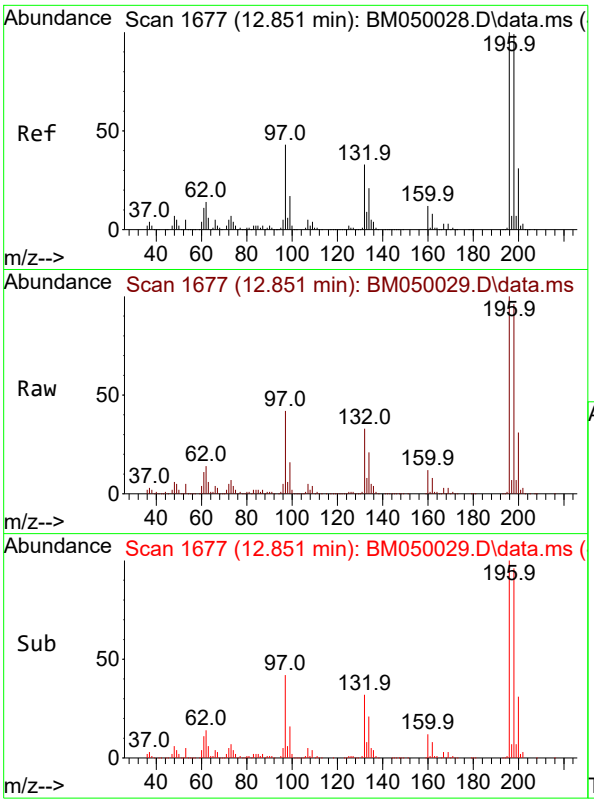


#42
2,4,6-Tribromophenol
Concen: 111.203 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:330 Resp: 911669

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	27.3	22.5	33.7



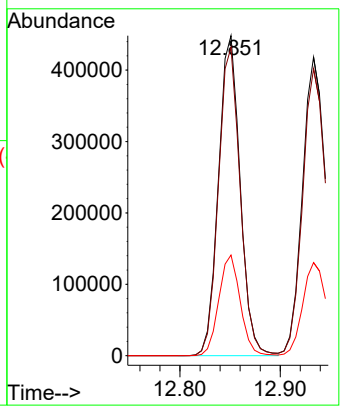


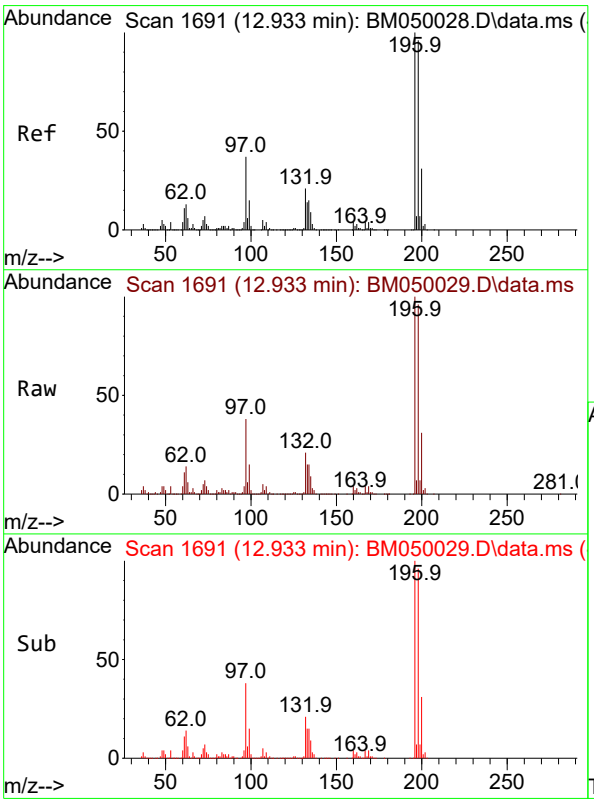
#43
2,4,6-Trichlorophenol
Concen: 55.275 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 672901

Ion	Ratio	Lower	Upper
196	100		
198	96.4	79.0	118.6
200	31.4	25.1	37.7

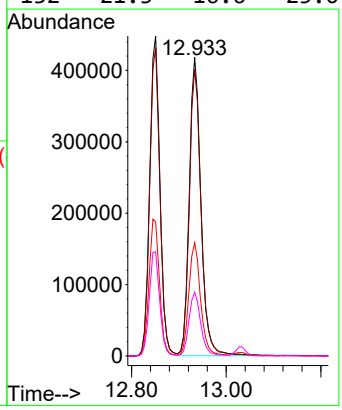


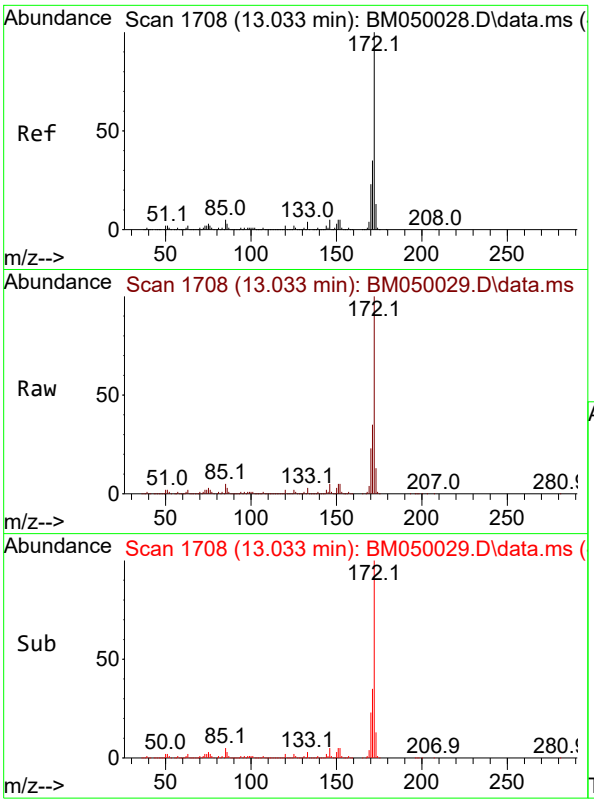


#44
2,4,5-Trichlorophenol
Concen: 54.841 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:196 Resp: 719930

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.7	115.1
97	37.9	30.1	45.1
132	21.3	16.6	25.0



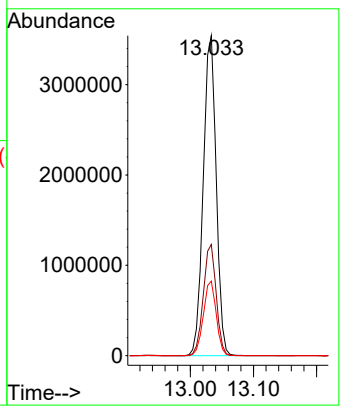


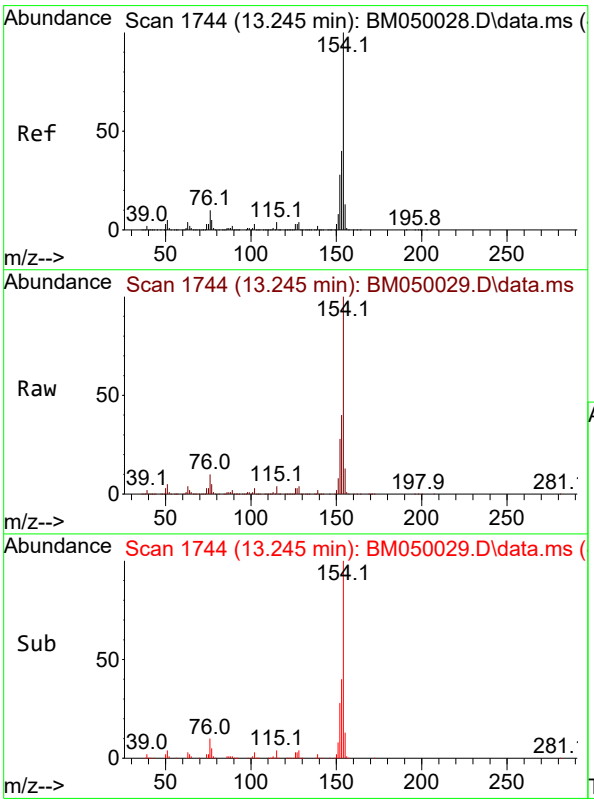
#45
2-Fluorobiphenyl
Concen: 107.775 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 5051261

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	28.0

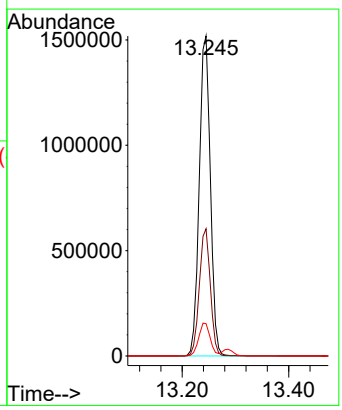


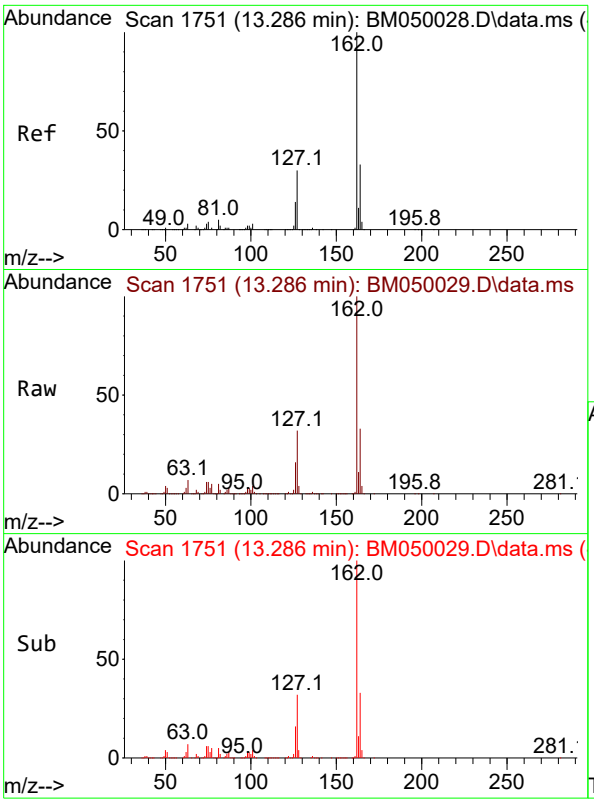


#46
1,1'-Biphenyl
Concen: 53.185 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:154 Resp: 2191996

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	10.1	0.0	30.3



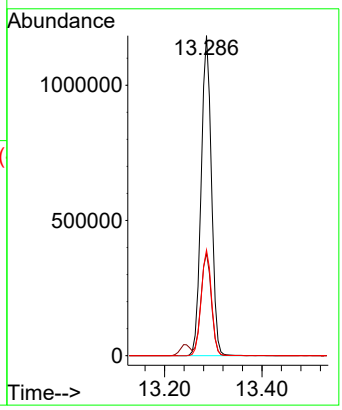


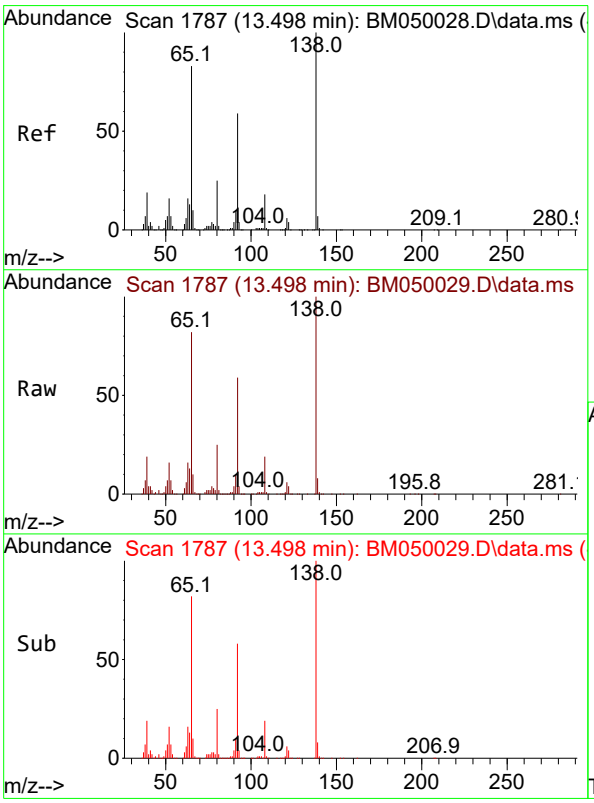
#47
2-Chloronaphthalene
Concen: 52.989 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 1729678

Ion	Ratio	Lower	Upper
162	100		
127	32.1	25.9	38.9
164	33.1	26.6	40.0

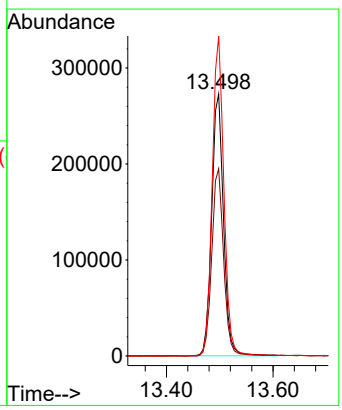


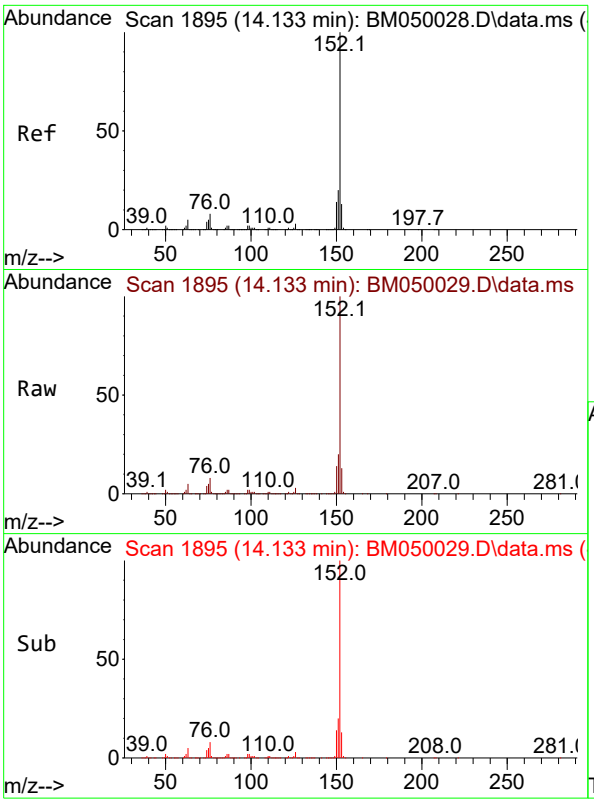


#48
2-Nitroaniline
Concen: 55.016 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 65 Resp: 421489

Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.1	85.7
138	122.2	97.0	145.4



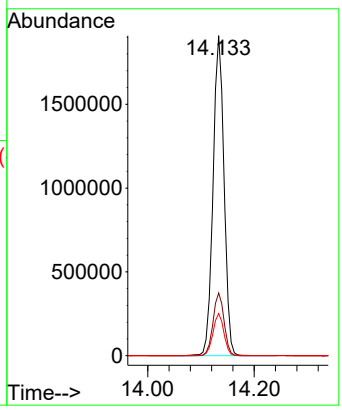


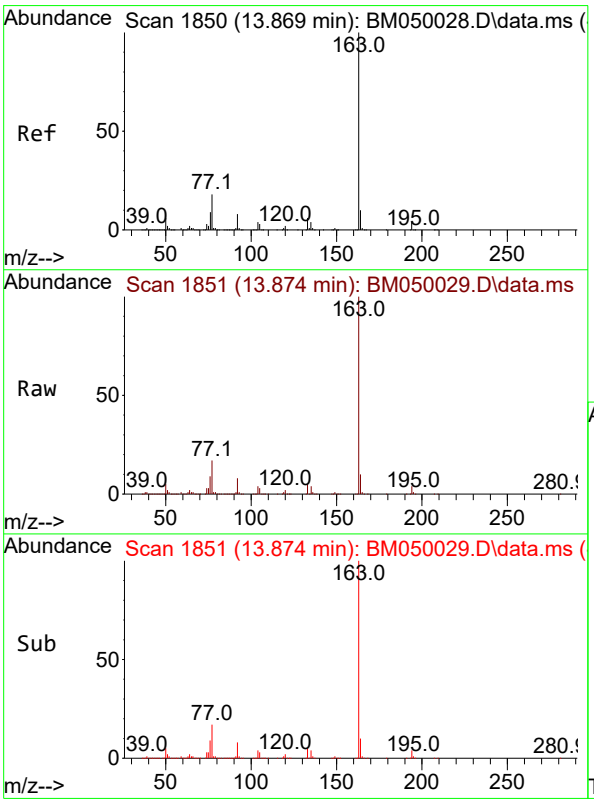
#49
Acenaphthylene
Concen: 53.082 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 2731966

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.6	15.8

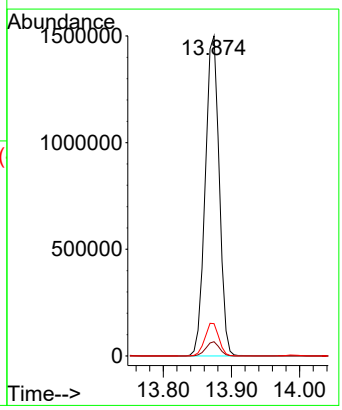


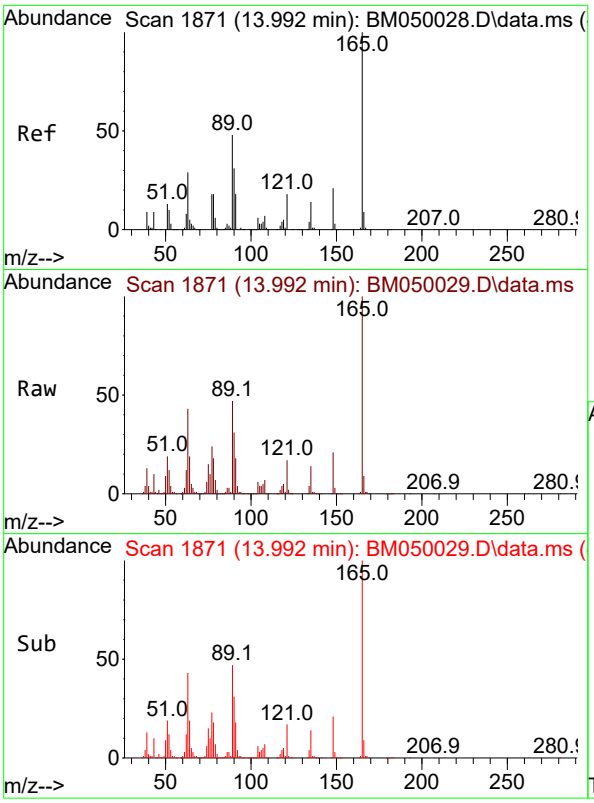


#50
Dimethylphthalate
Concen: 52.770 ng
RT: 13.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:163 Resp: 2138242

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	8.2	12.2



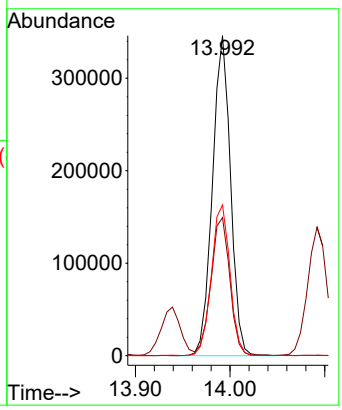


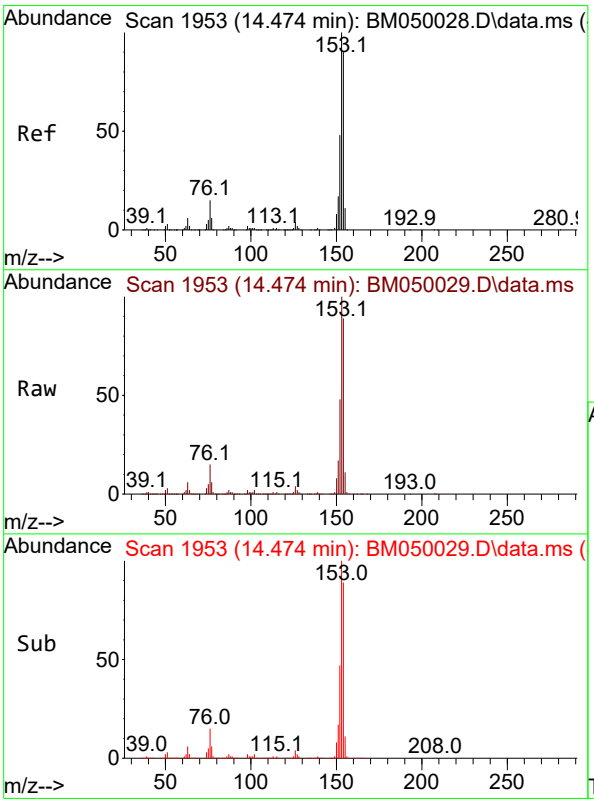
#51
2,6-Dinitrotoluene
Concen: 54.650 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 458476

Ion	Ratio	Lower	Upper
165	100		
63	43.1	35.1	52.7
89	47.1	38.4	57.6

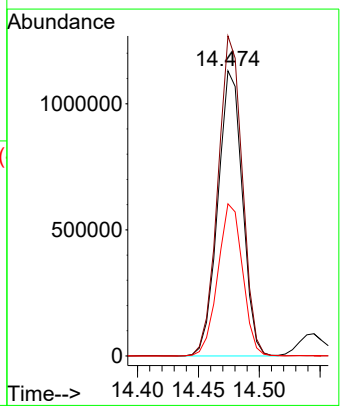


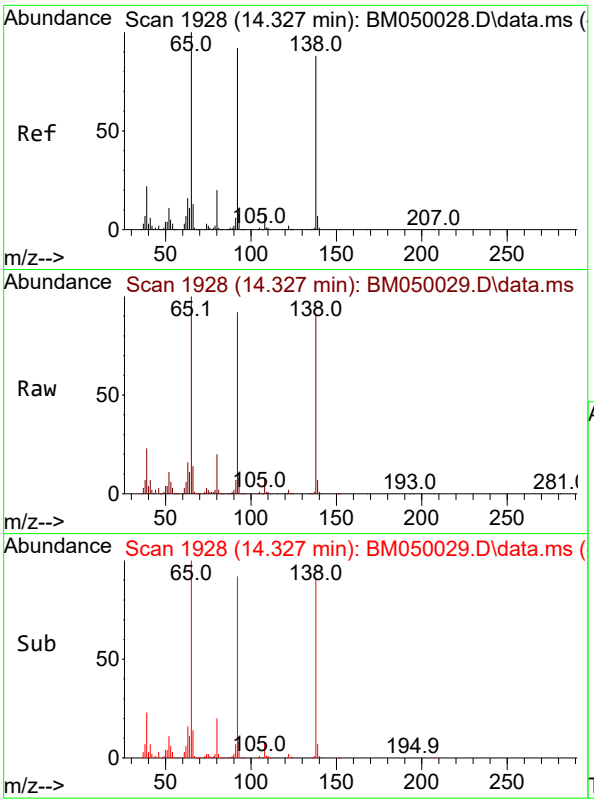


#52
Acenaphthene
Concen: 53.287 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:154 Resp: 1587472

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.0	133.4
152	53.4	43.0	64.6



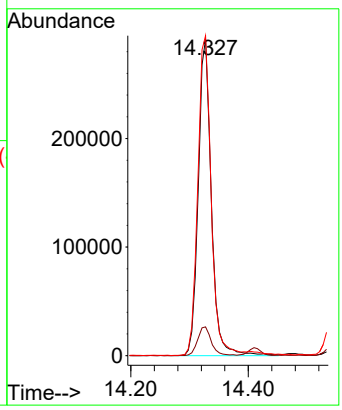


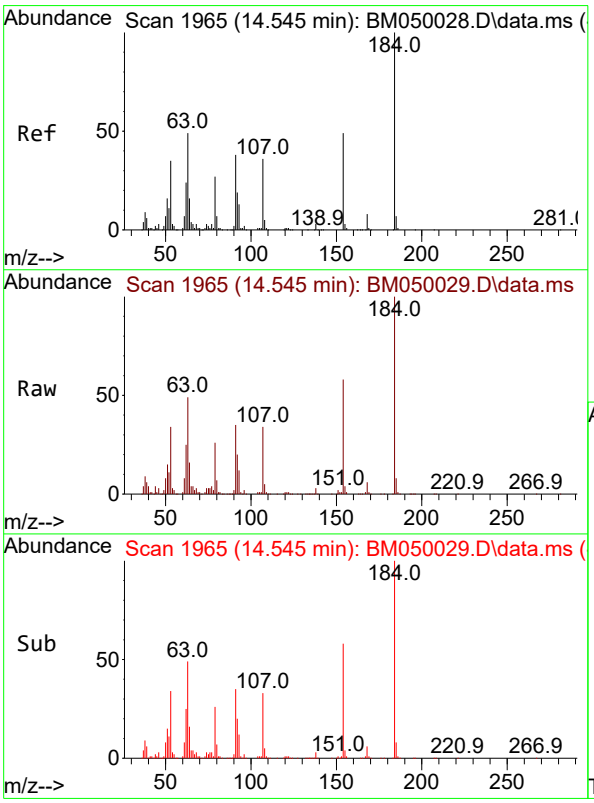
#53
3-Nitroaniline
Concen: 56.186 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 450021

Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.4	11.2
92	101.0	84.0	126.0

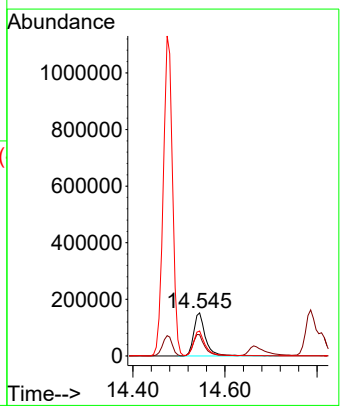


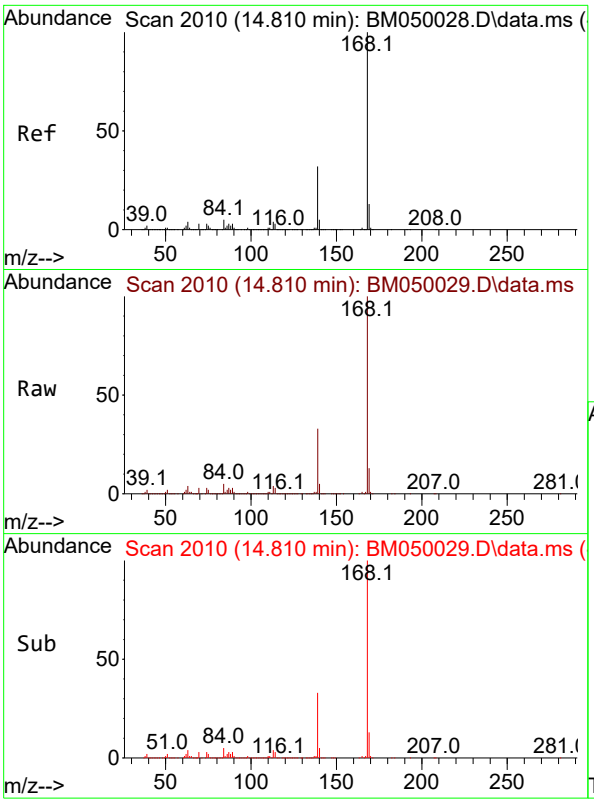


#54
2,4-Dinitrophenol
Concen: 52.338 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:184 Resp: 269515

Ion	Ratio	Lower	Upper
184	100		
63	49.3	39.8	59.6
154	58.0	46.1	69.1



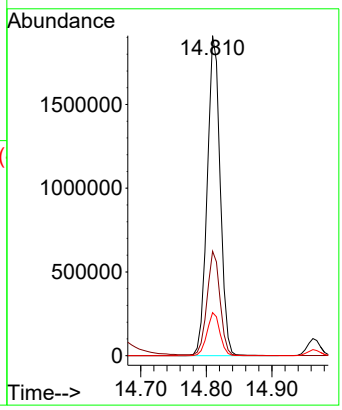


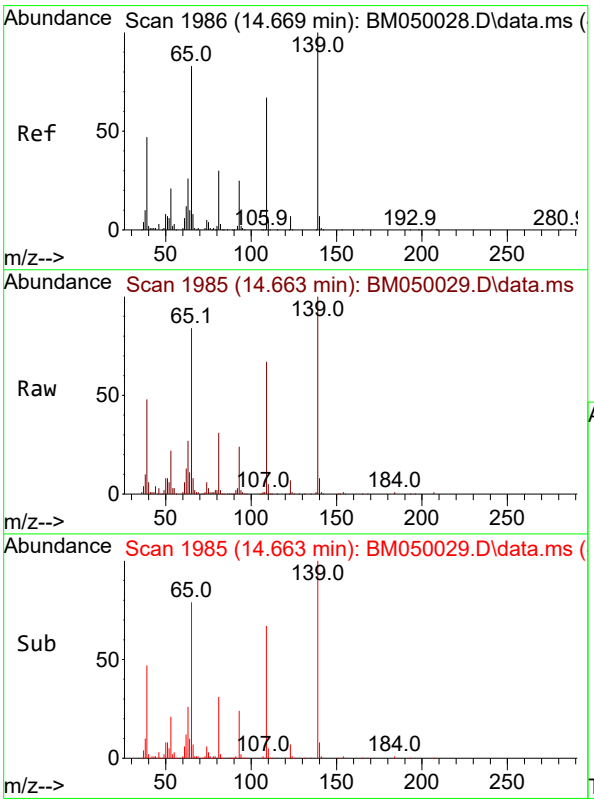
#55
Dibenzofuran
Concen: 52.809 ng
RT: 14.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 2617489

Ion	Ratio	Lower	Upper
168	100		
139	32.6	26.1	39.1
169	13.5	10.8	16.2

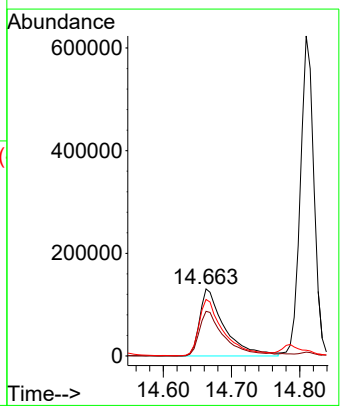


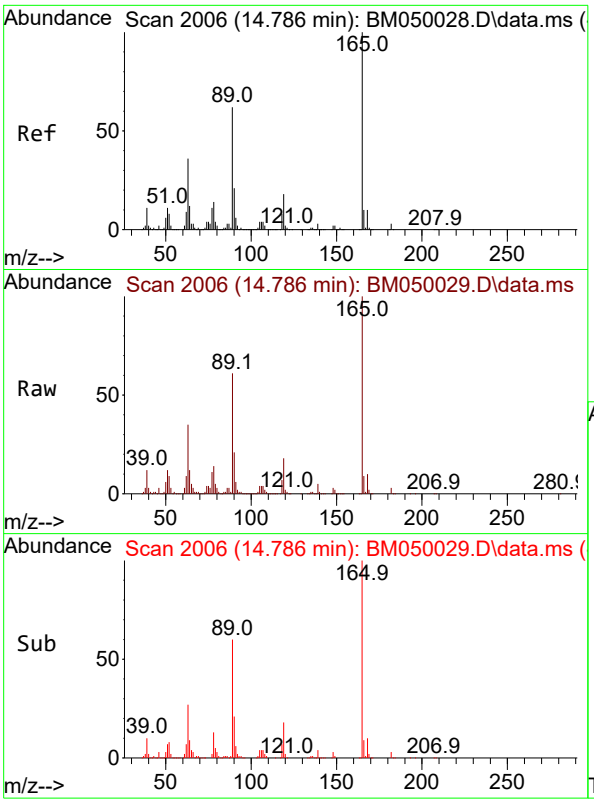


#56
4-Nitrophenol
Concen: 52.029 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:139 Resp: 328078

Ion	Ratio	Lower	Upper
139	100		
109	66.7	47.0	87.0
65	84.3	64.3	104.3



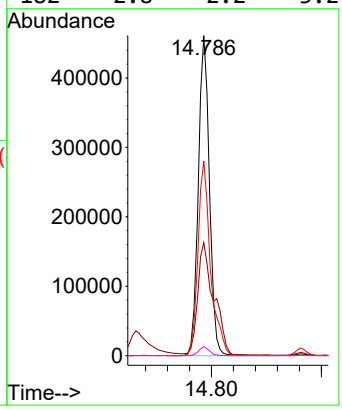


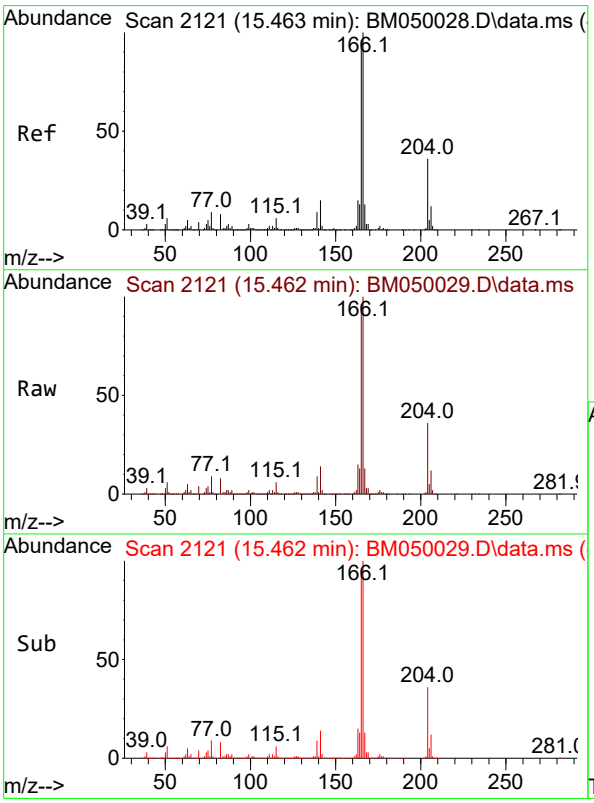
#57
2,4-Dinitrotoluene
Concen: 55.921 ng
RT: 14.786 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 648262

Ion	Ratio	Lower	Upper
165	100		
63	35.3	29.0	43.6
89	60.8	49.4	74.2
182	2.8	2.2	3.2

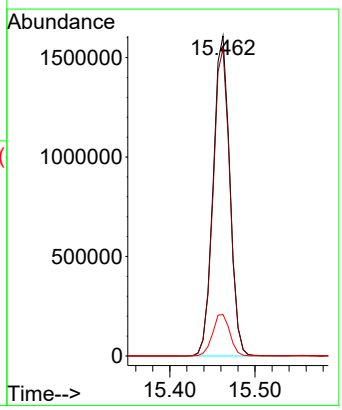


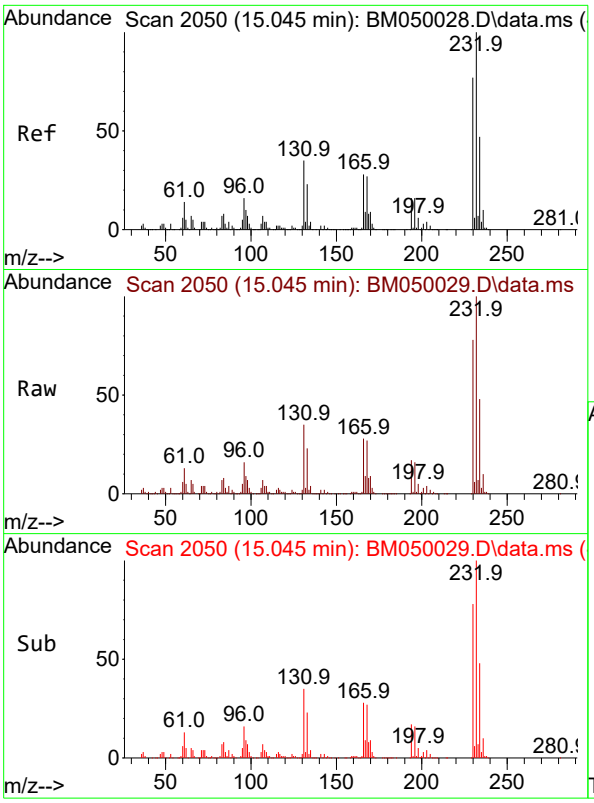


#58
Fluorene
Concen: 53.740 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:166 Resp: 2180247

Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.6	115.0
167	13.0	10.6	16.0



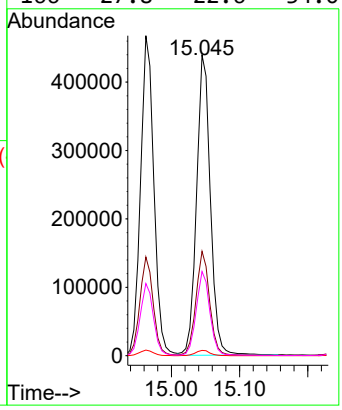


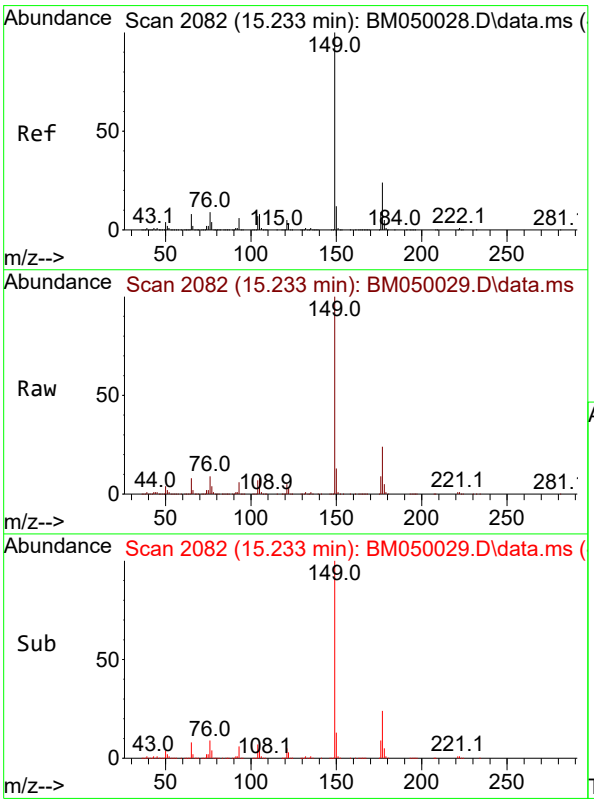
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.311 ng
RT: 15.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 617151

Ion	Ratio	Lower	Upper
232	100		
131	34.5	28.2	42.4
130	1.9	1.5	2.3
166	27.8	22.6	34.0

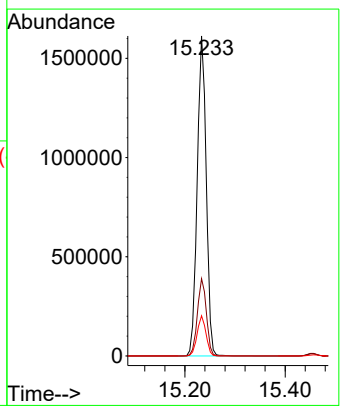


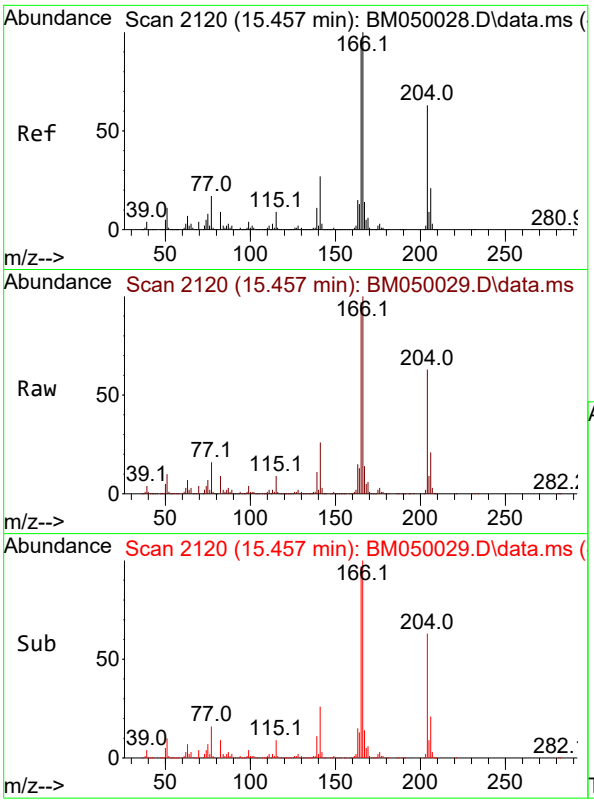


#60
Diethylphthalate
Concen: 52.691 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 2011763

Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.1	28.7
150	12.5	9.6	14.4



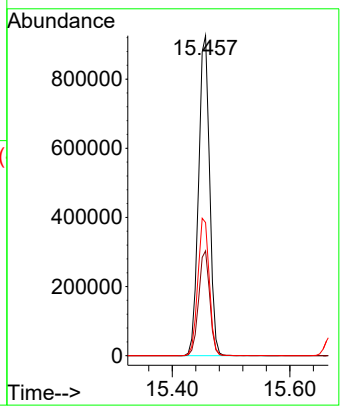


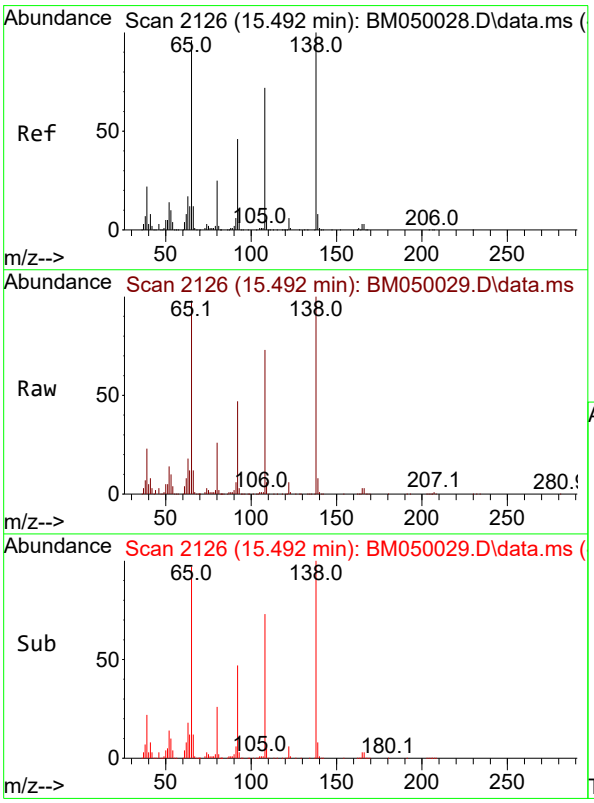
#61
4-Chlorophenyl-phenylether
Concen: 54.188 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1207514

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	41.6	34.0	51.0

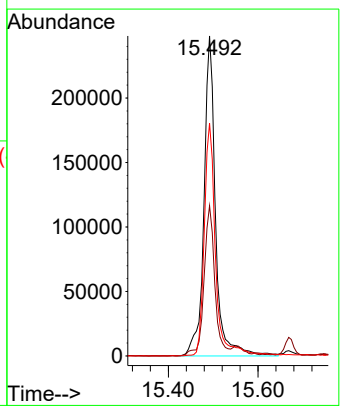


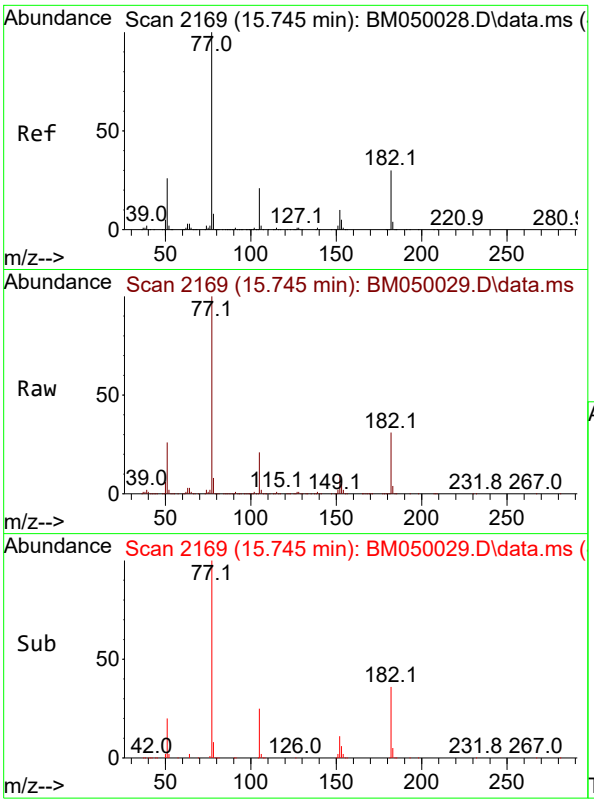


#62
4-Nitroaniline
Concen: 57.612 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:138 Resp: 445520

Ion	Ratio	Lower	Upper
138	100		
92	46.9	25.9	65.9
108	72.7	52.4	92.4



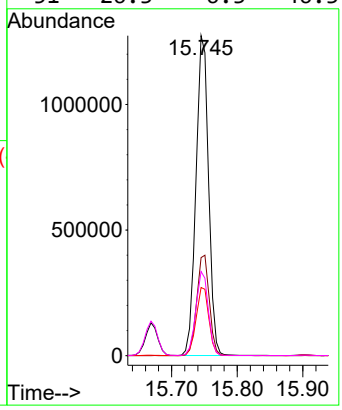


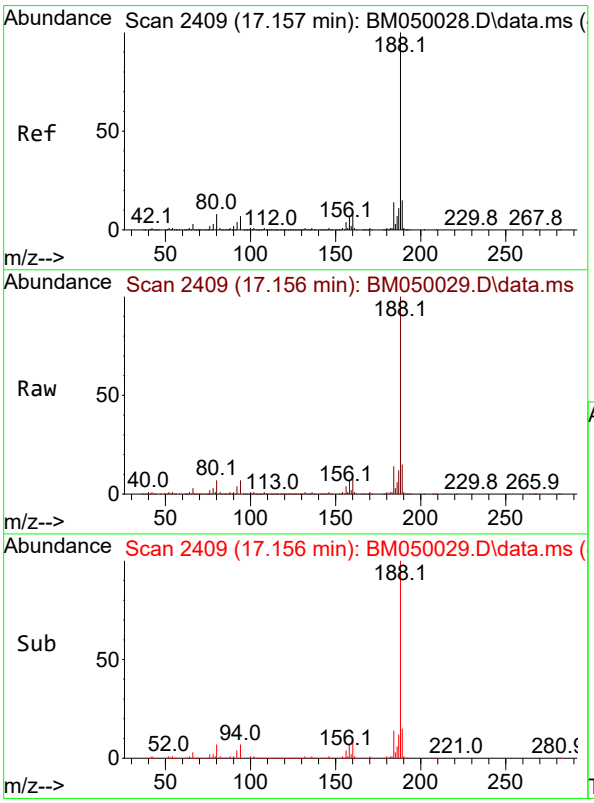
#63
Azobenzene
Concen: 53.251 ng
RT: 15.745 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 1703932

Ion	Ratio	Lower	Upper
77	100		
182	30.7	10.5	50.5
105	21.3	1.1	41.1
51	26.3	6.3	46.3

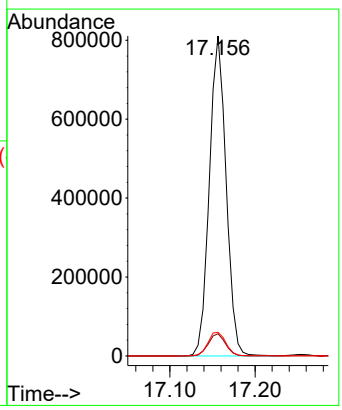


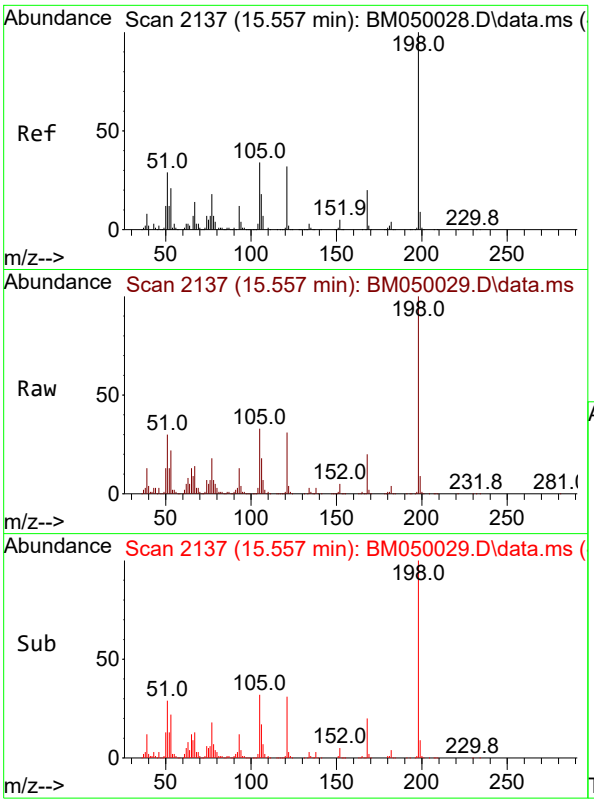


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:188 Resp: 1105769

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.4	6.2	9.4



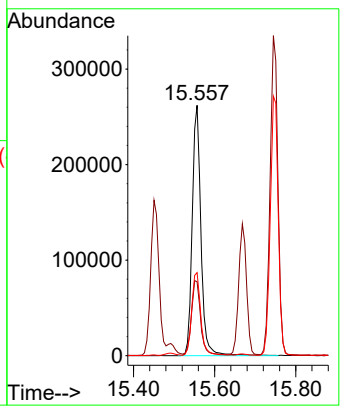


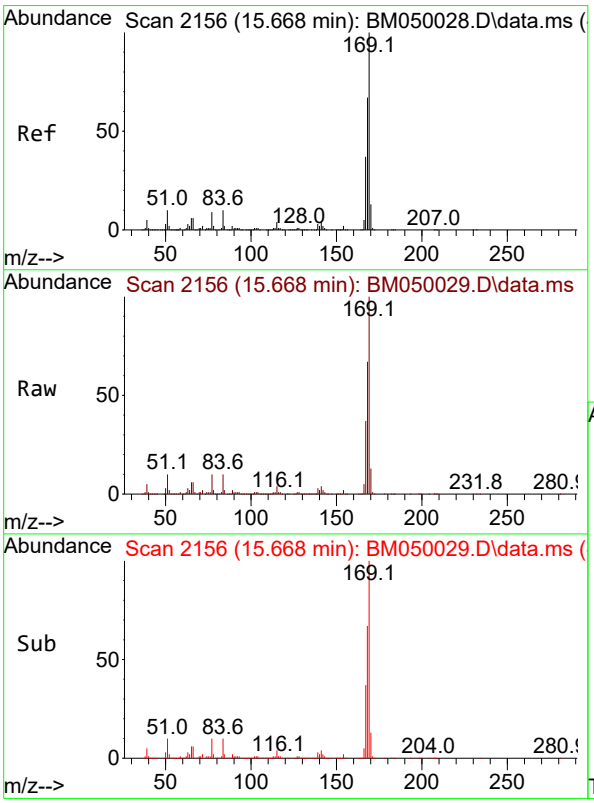
#65
4,6-Dinitro-2-methylphenol
Concen: 56.806 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 393191

Ion	Ratio	Lower	Upper
198	100		
51	29.5	10.4	50.4
105	33.1	14.6	54.6

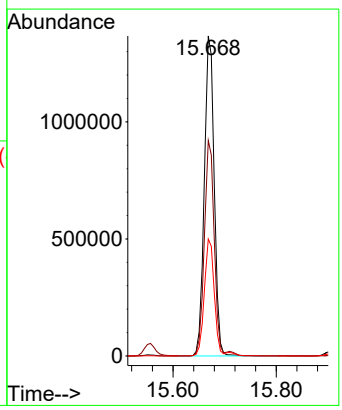


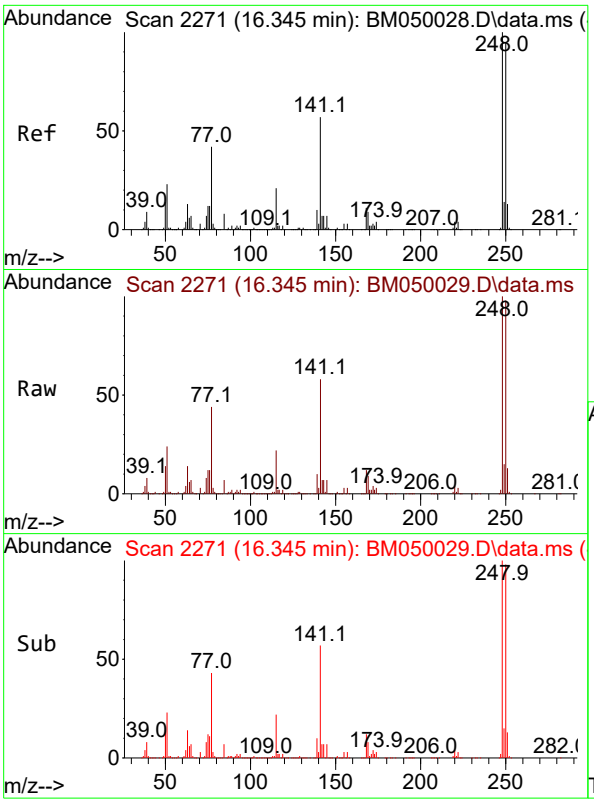


#66
n-Nitrosodiphenylamine
Concen: 53.474 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:169 Resp: 1815723

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.4	80.2
167	36.5	29.4	44.0



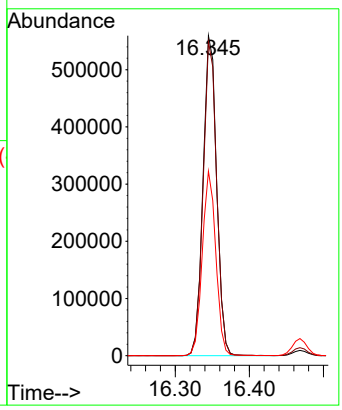


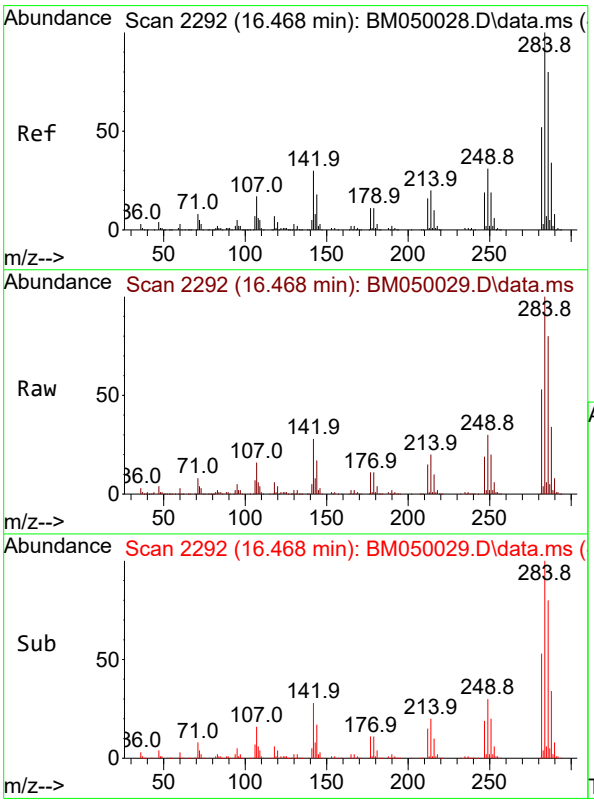
#67
4-Bromophenyl-phenylether
Concen: 53.359 ng
RT: 16.345 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 713498

Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.2	114.2
141	57.6	45.9	68.9

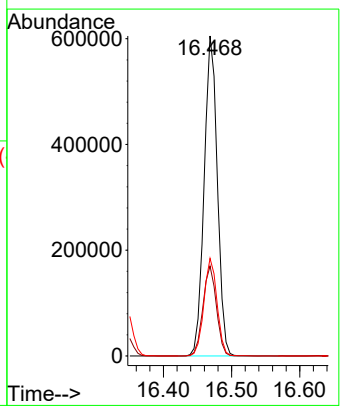


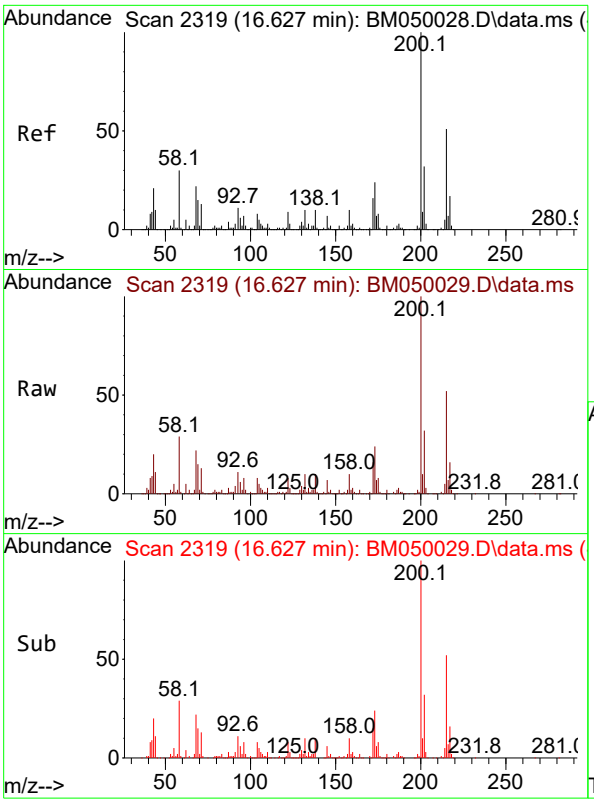


#68
Hexachlorobenzene
Concen: 52.900 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:284 Resp: 815392

Ion	Ratio	Lower	Upper
284	100		
142	28.1	23.9	35.9
249	30.5	24.5	36.7



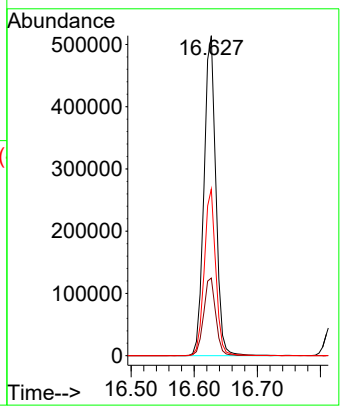


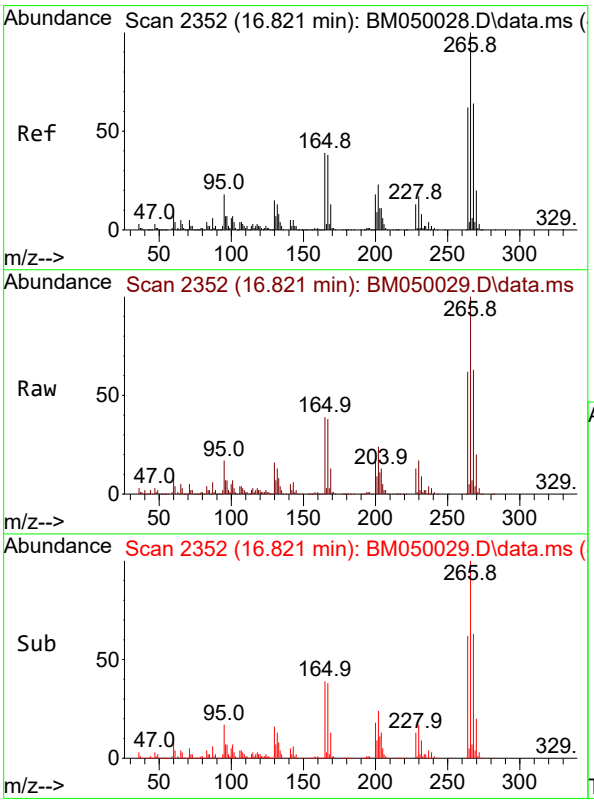
#69
Atrazine
Concen: 54.648 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 669330

Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.3	44.3
215	52.1	30.6	70.6

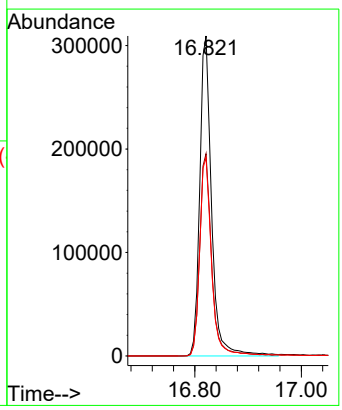


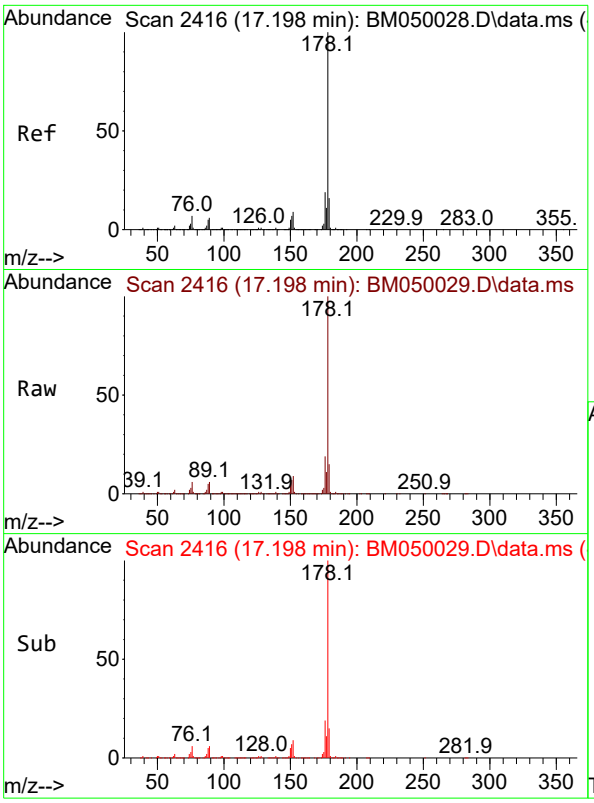


#70
Pentachlorophenol
Concen: 54.830 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:266 Resp: 475717

Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.2	76.8
264	62.0	49.6	74.4



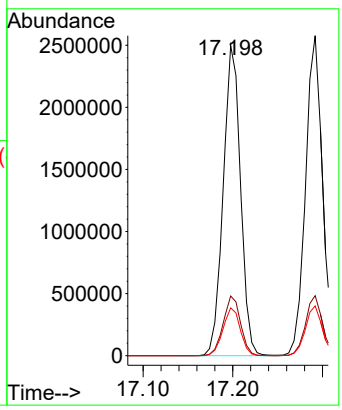


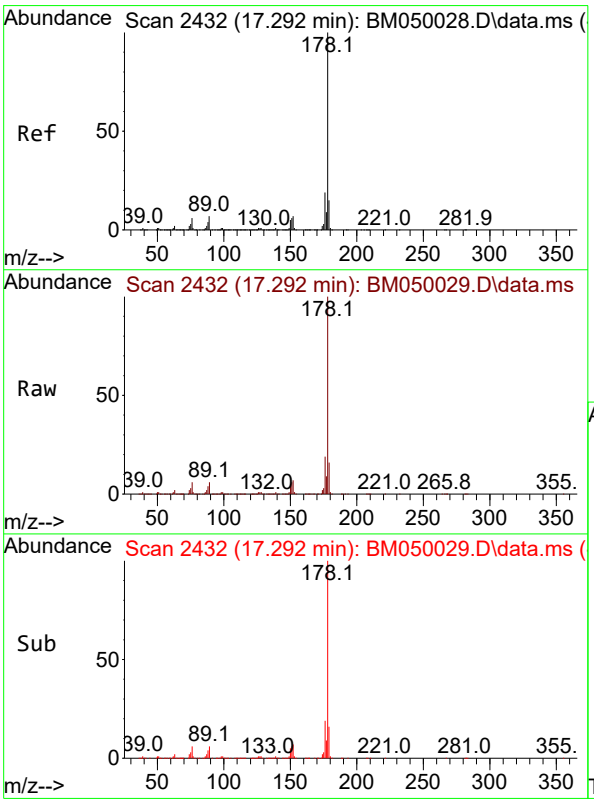
#71
Phenanthrene
Concen: 53.702 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 3349195

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.4	18.6

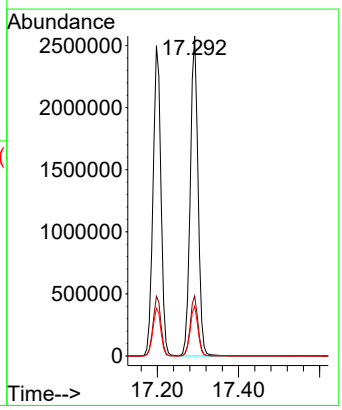


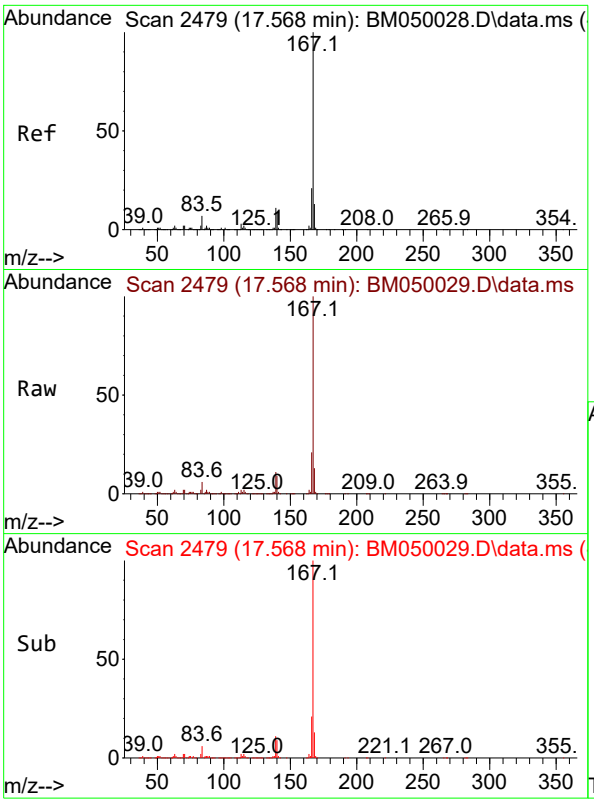


#72
Anthracene
Concen: 54.143 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:178 Resp: 3417239

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.2	18.4



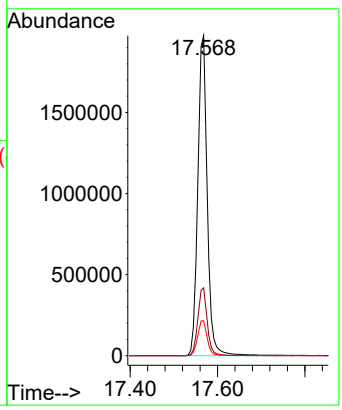


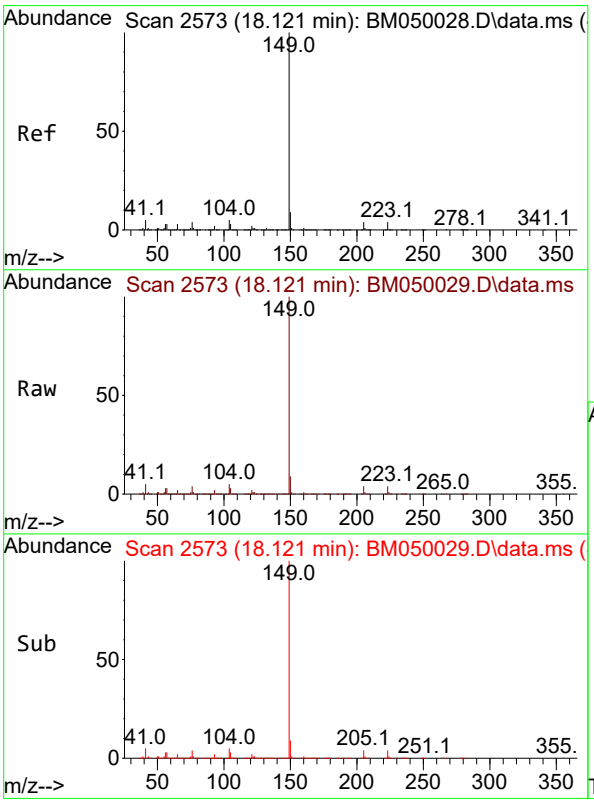
#73
Carbazole
Concen: 54.260 ng
RT: 17.568 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 2971695

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	10.9	9.0	13.6

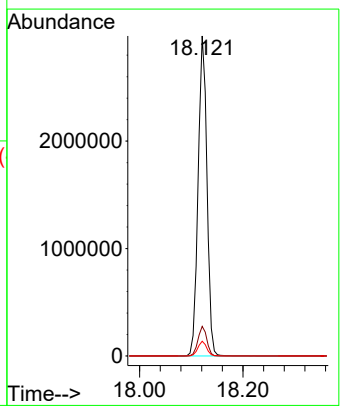


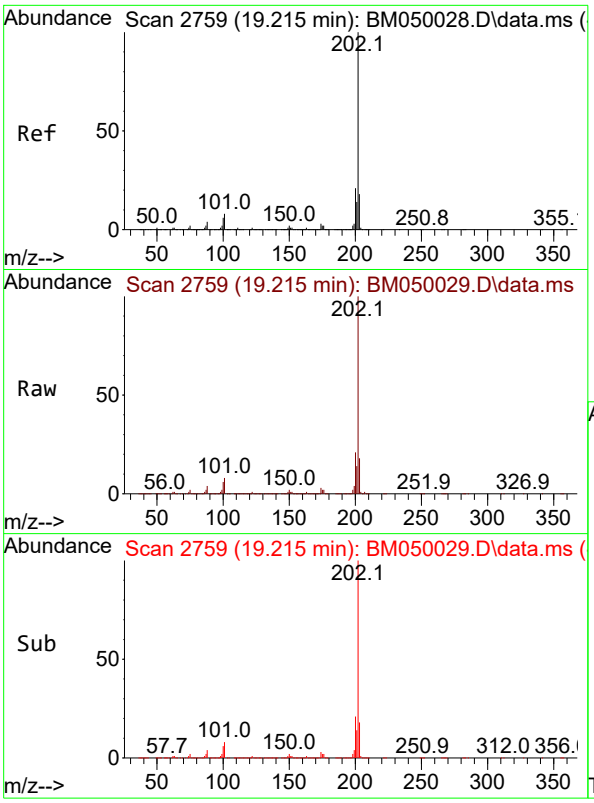


#74
Di-n-butylphthalate
Concen: 54.137 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 3530893

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.6	3.8	5.6



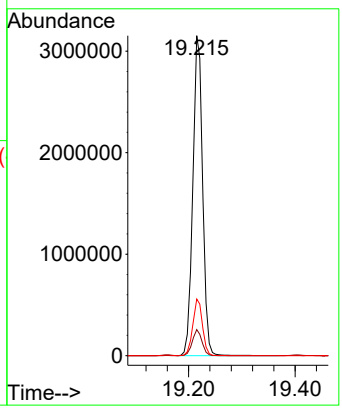


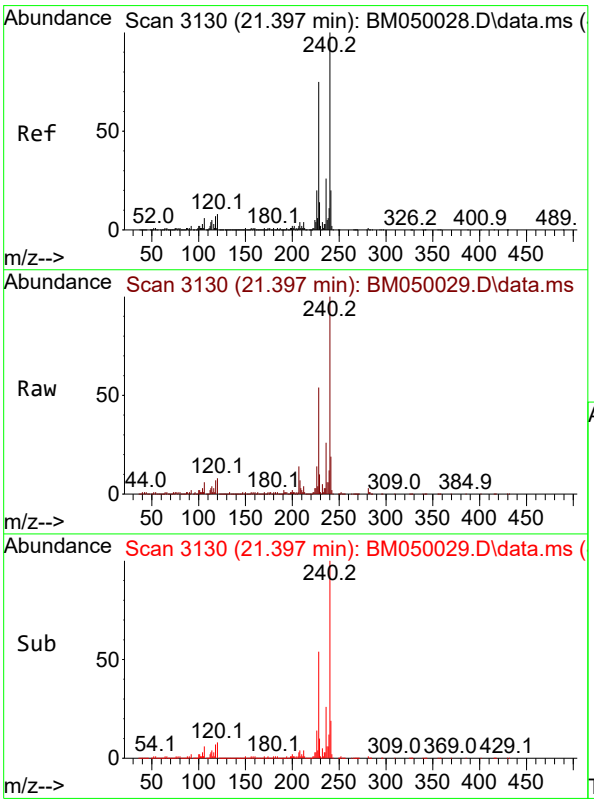
#75
Fluoranthene
Concen: 54.922 ng
RT: 19.215 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 4021516

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.0
203	17.7	0.0	37.7

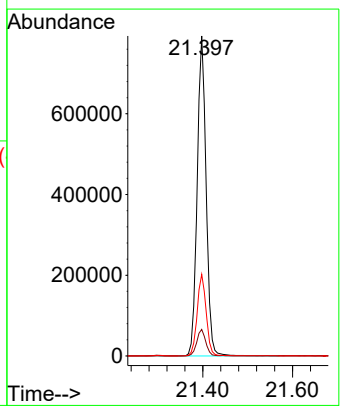


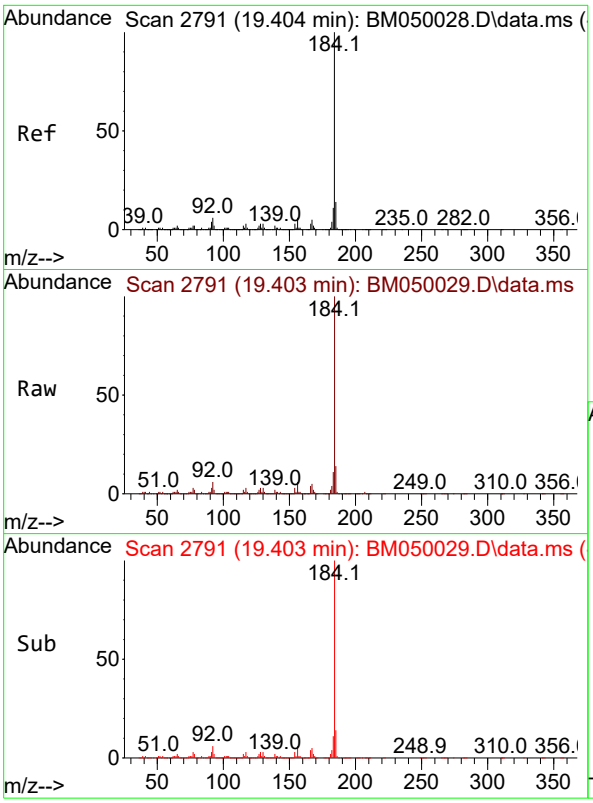


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:240 Resp: 1097646

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	25.5	20.9	31.3



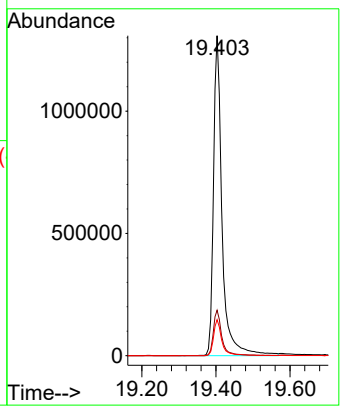


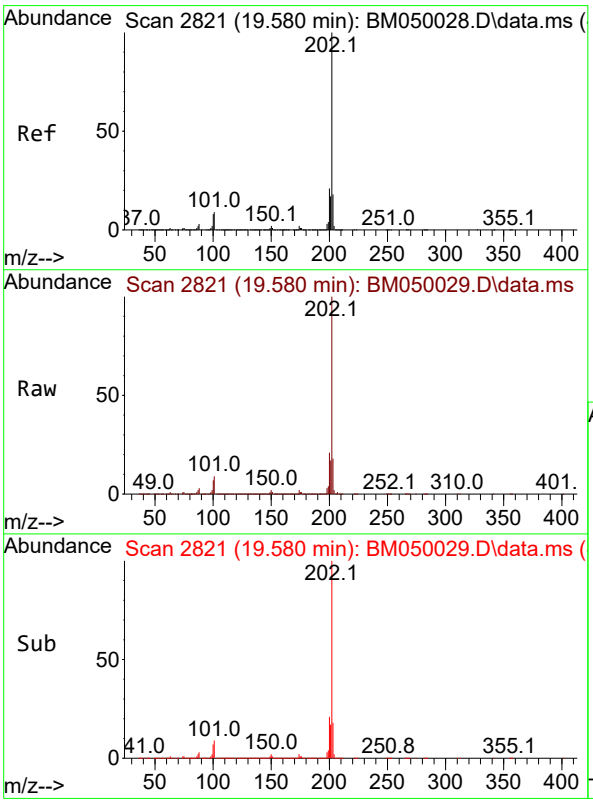
#77
Benzidine
Concen: 54.137 ng
RT: 19.403 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 2110748

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.2	8.9	13.3

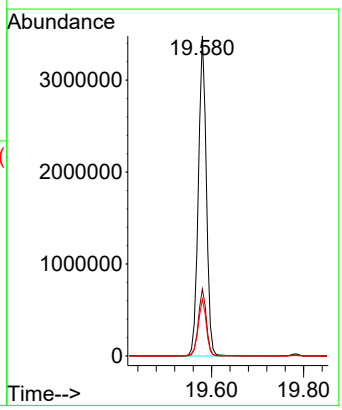


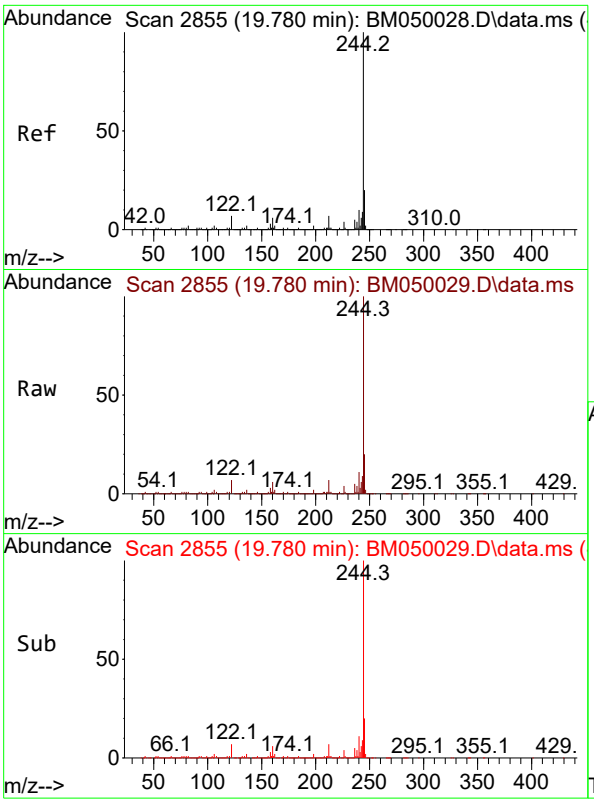


#78
Pyrene
Concen: 54.097 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:202 Resp: 4169831

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.7	14.1	21.1



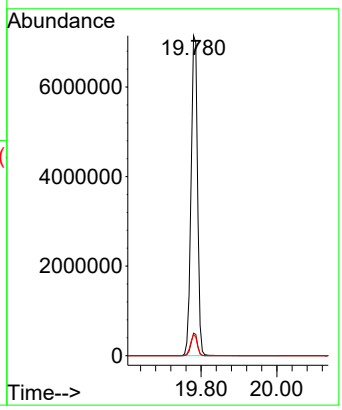


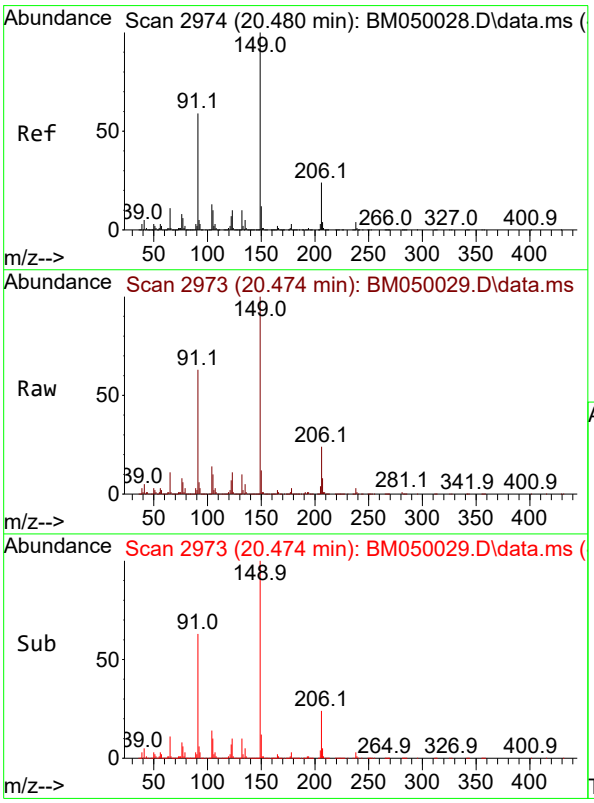
#79
Terphenyl-d14
Concen: 114.020 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 8457811

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.7	5.6	8.4

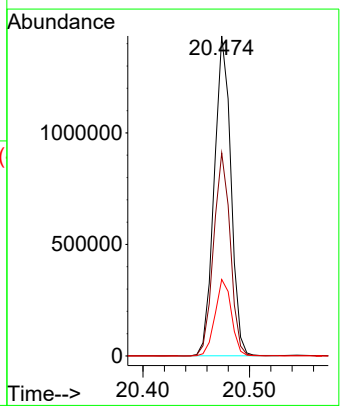


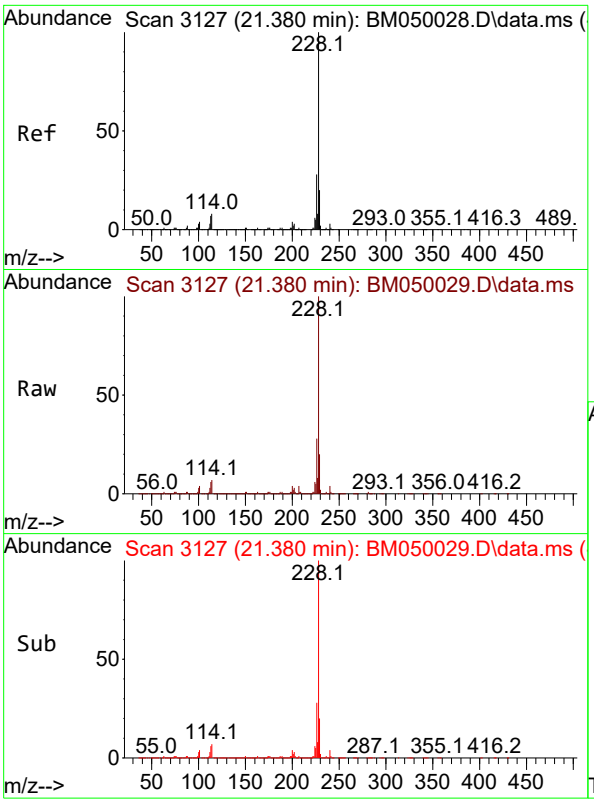


#80
Butylbenzylphthalate
Concen: 53.948 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 1557463

Ion	Ratio	Lower	Upper
149	100		
91	63.4	47.4	71.2
206	23.9	19.4	29.0



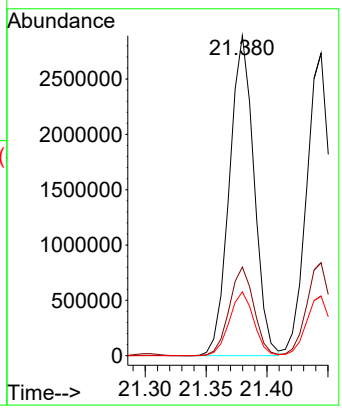


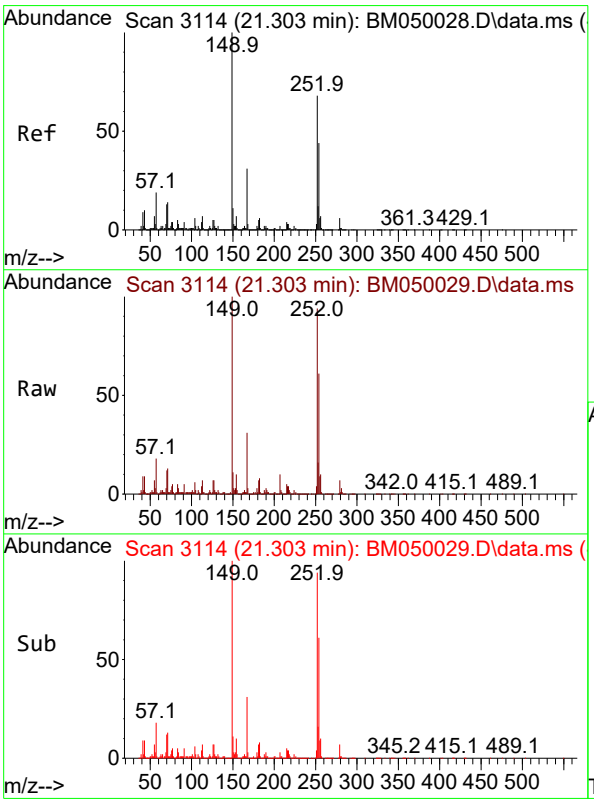
#81
Benzo(a)anthracene
Concen: 53.687 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 4058011

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.0	15.7	23.5

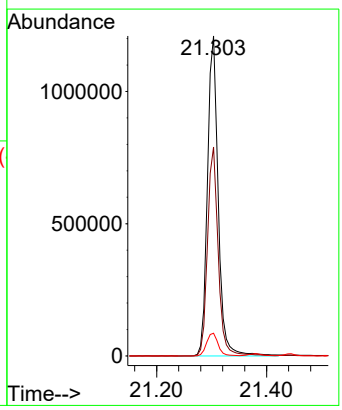


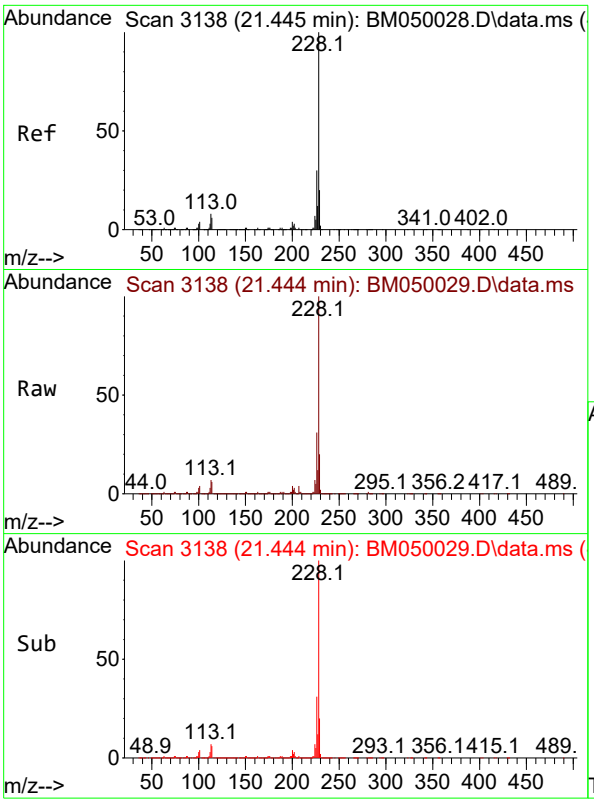


#82
3,3'-Dichlorobenzidine
Concen: 56.659 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 1639448

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.8	77.6
126	7.1	6.0	9.0



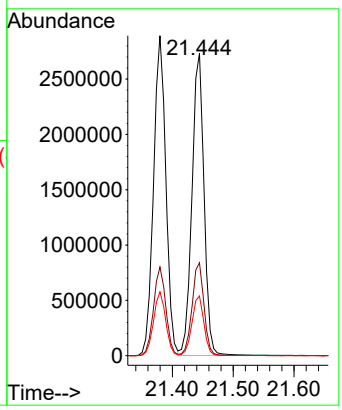


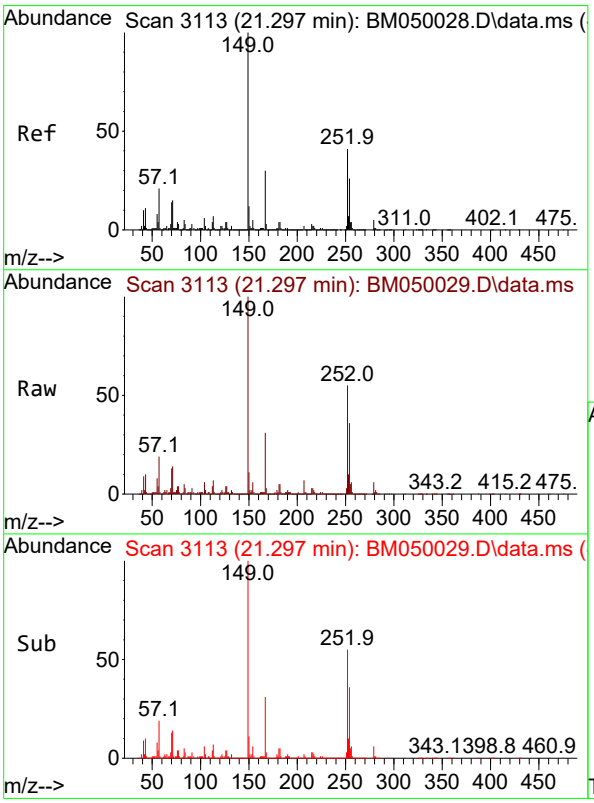
#83
Chrysene
Concen: 53.683 ng
RT: 21.444 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 3755543

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.7	15.7	23.5

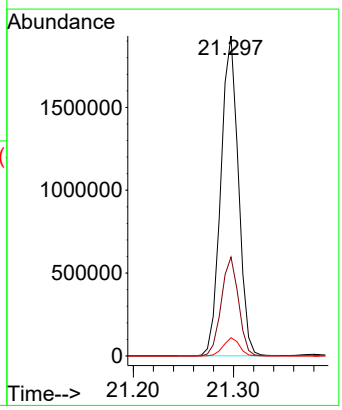


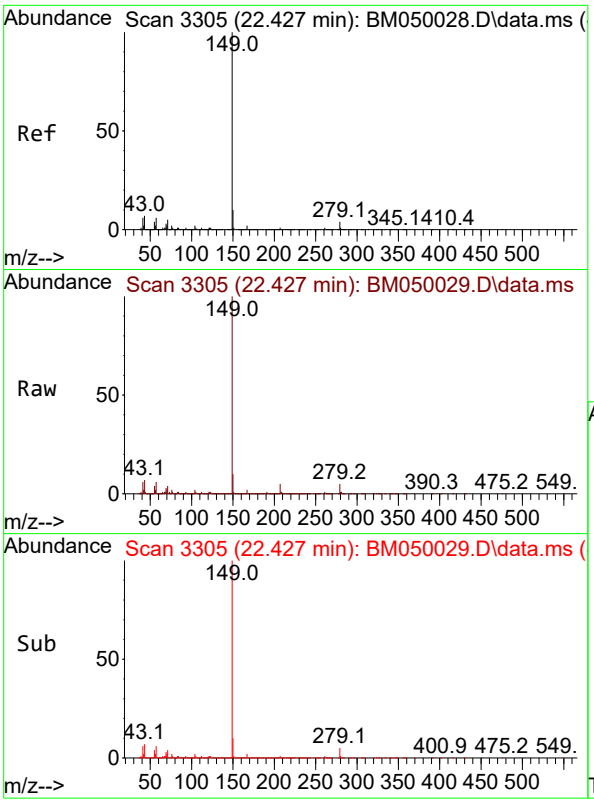


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.194 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 2336926

Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.1	36.1
279	5.7	3.9	5.9



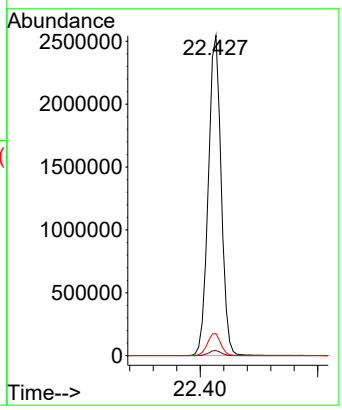


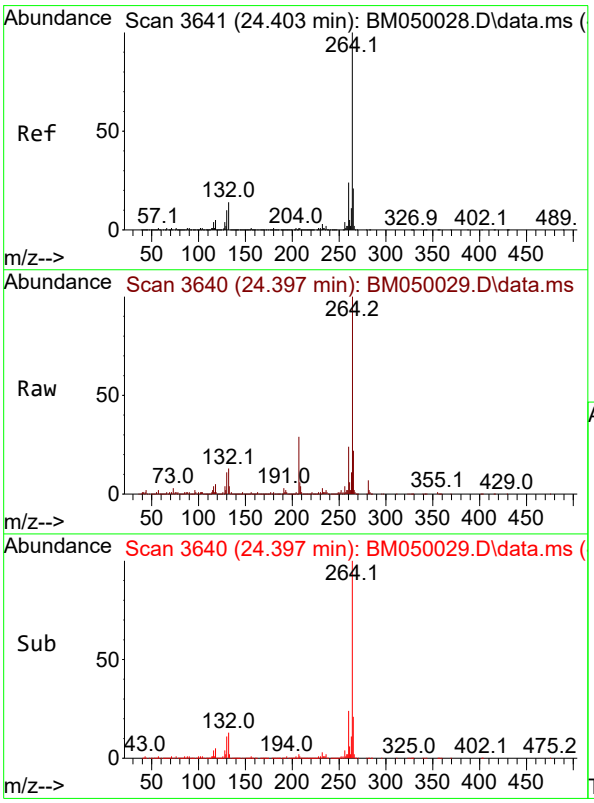
#85
Di-n-octyl phthalate
Concen: 54.170 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 3852190

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.8

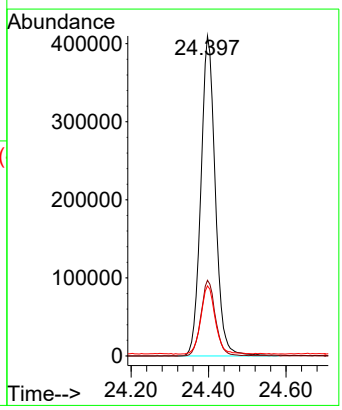


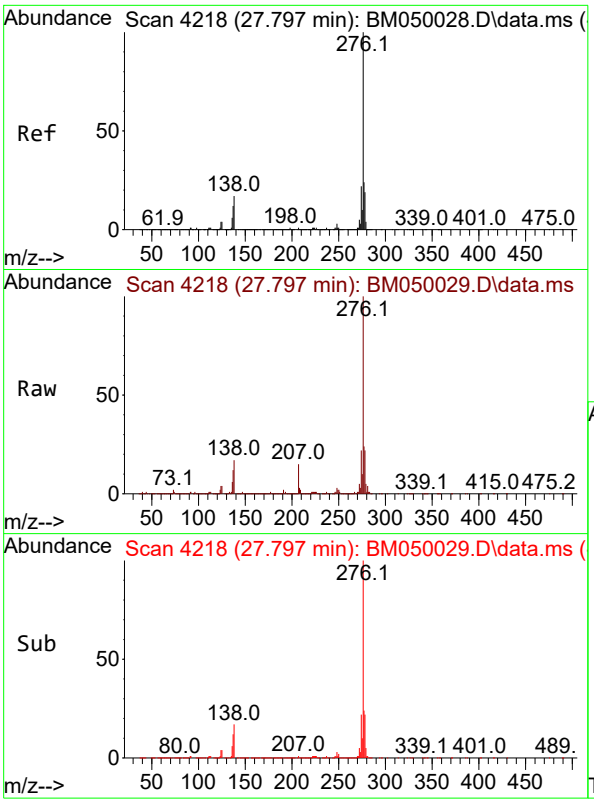


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:264 Resp: 1061511

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.9	17.0	25.4



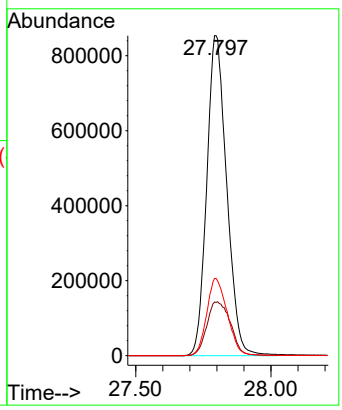


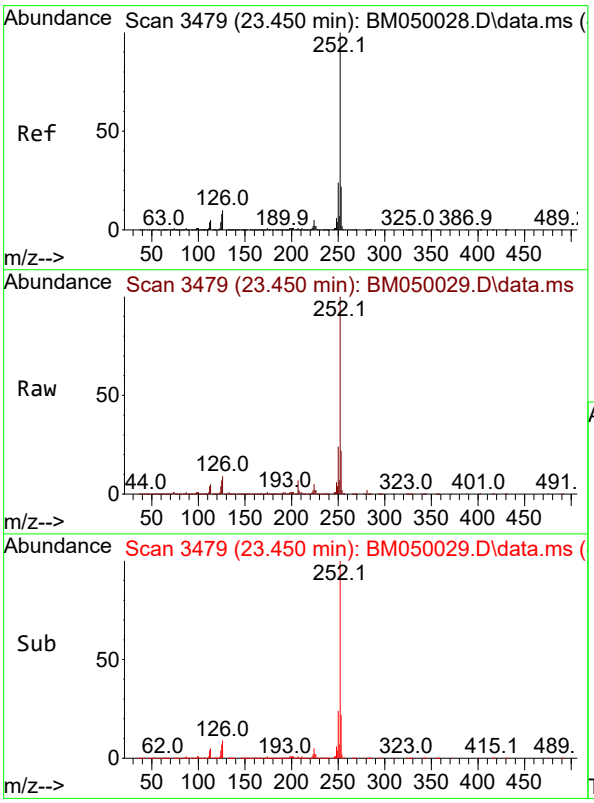
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.240 ng
RT: 27.797 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 4369253

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.4	24.6
277	24.9	19.8	29.8

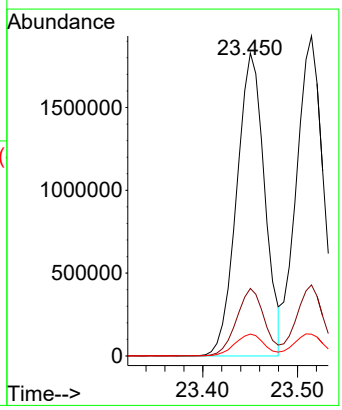


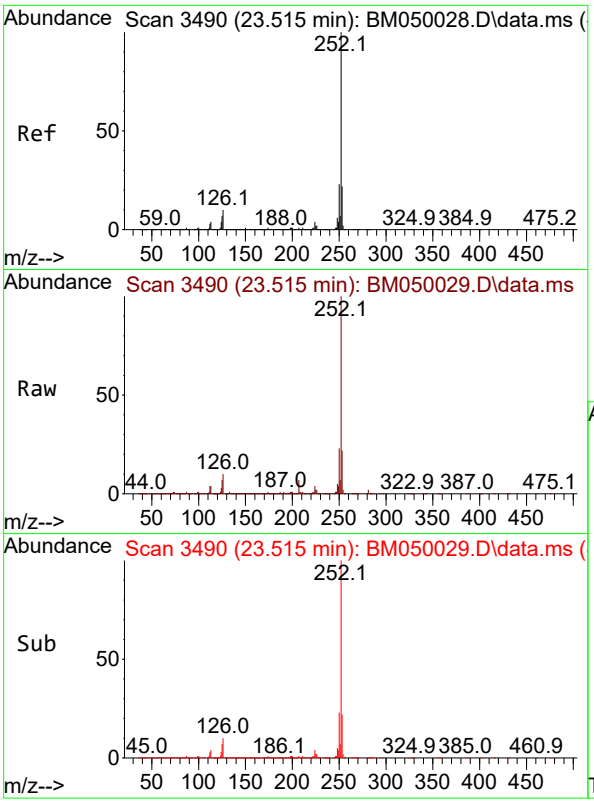


#88
Benzo(b)fluoranthene
Concen: 54.405 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 3755728

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	7.2	6.1	9.1



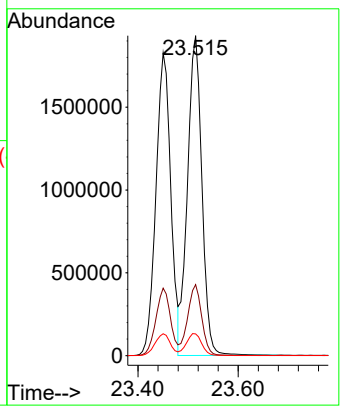


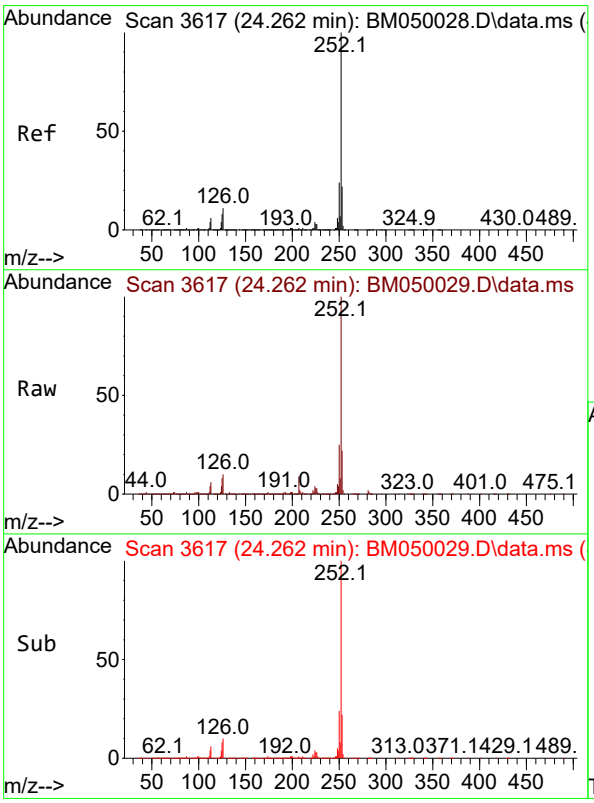
#89
Benzo(k)fluoranthene
Concen: 55.037 ng
RT: 23.515 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 3844095

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	6.8	5.8	8.8

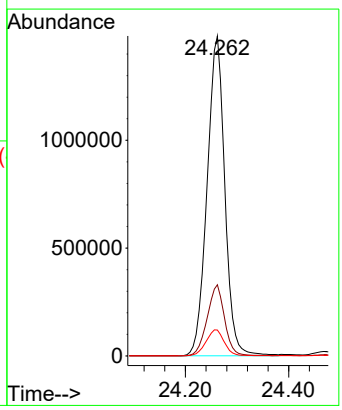


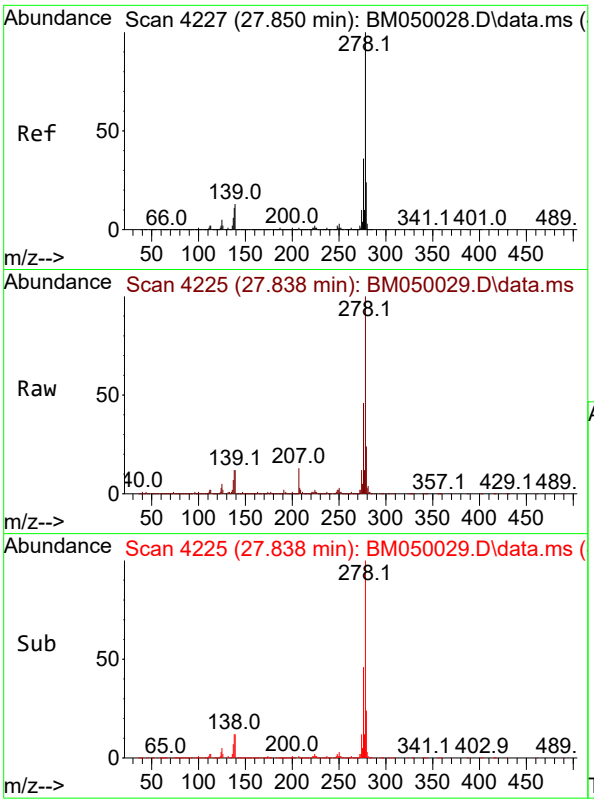


#90
Benzo(a)pyrene
Concen: 54.588 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 3529489

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	8.1	6.6	9.8



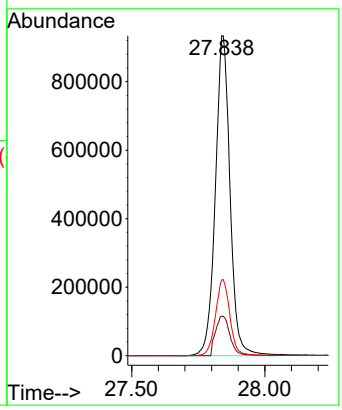


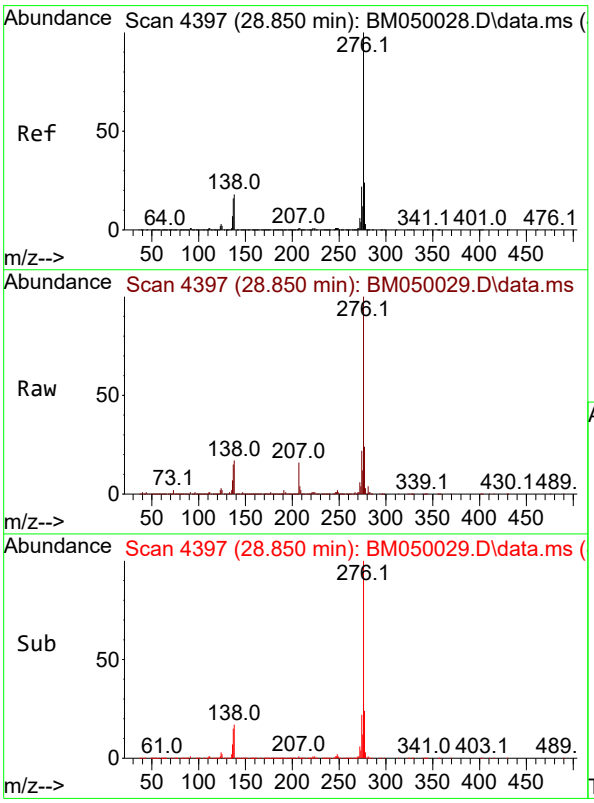
#91
Dibenzo(a,h)anthracene
Concen: 55.448 ng
RT: 27.838 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 3575099

Ion	Ratio	Lower	Upper
278	100		
139	12.3	10.5	15.7
279	23.7	19.4	29.0

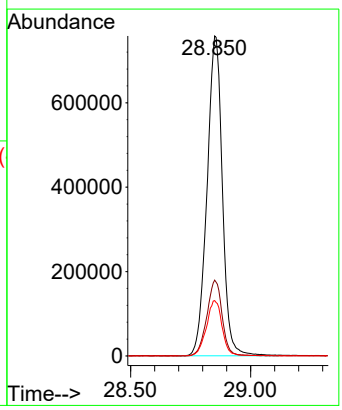




#92
Benzo(g,h,i)perylene
Concen: 54.494 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:276 Resp: 3363778

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	17.3	14.3	21.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050030.D
Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	238160	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	873845	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	580977	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1144389	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1144881	20.000	ng		0.00
86) Perylene-d12	24.397	264	1099459	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1676078	123.234	ng		0.00
7) Phenol-d6	6.951	99	2135178	124.905	ng		0.00
23) Nitrobenzene-d5	8.928	82	2186546	123.300	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1107899	128.968	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	6079094	123.782	ng		0.00
79) Terphenyl-d14	19.780	244	10017186	129.471	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	350690	60.136	ng		99
3) Pyridine	3.658	79	923444	61.631	ng		99
4) n-Nitrosodimethylamine	3.563	42	360090	61.276	ng		98
6) Aniline	7.098	93	1339587	62.058	ng		100
8) 2-Chlorophenol	7.340	128	905849	61.600	ng		99
9) Benzaldehyde	6.910	77	683177	59.793	ng		99
10) Phenol	6.981	94	1072175	61.956	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	880705	60.947	ng		100
12) 1,3-Dichlorobenzene	7.657	146	1077725	60.670	ng		99
13) 1,4-Dichlorobenzene	7.804	146	1083367	60.707	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1046214	60.691	ng		98
15) Benzyl Alcohol	8.016	79	750490	63.306	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1052561	59.922	ng		100
17) 2-Methylphenol	8.228	107	705836	61.914	ng		99
18) Hexachloroethane	8.845	117	380742	60.018	ng		99
19) n-Nitroso-di-n-propyla...	8.575	70	678107	61.851	ng		100
20) 3+4-Methylphenols	8.551	107	964063	62.619	ng		97
22) Acetophenone	8.592	105	1325893	61.030	ng	#	99
24) Nitrobenzene	8.969	77	938300	61.193	ng		99
25) Isophorone	9.498	82	1845274	61.044	ng		99
26) 2-Nitrophenol	9.681	139	504441	64.395	ng		99
27) 2,4-Dimethylphenol	9.751	122	816717	62.869	ng		98
28) bis(2-Chloroethoxy)met...	9.975	93	1138921	60.958	ng		100
29) 2,4-Dichlorophenol	10.228	162	920741	63.266	ng		98
30) 1,2,4-Trichlorobenzene	10.428	180	1079970	60.907	ng		100
31) Naphthalene	10.610	128	2682942	60.626	ng		100
32) Benzoic acid	9.928	122	556598	67.178	ng		98
33) 4-Chloroaniline	10.728	127	1146085	63.184	ng		99
34) Hexachlorobutadiene	10.898	225	689159	61.230	ng		99
35) Caprolactam	11.528	113	266678	62.845	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	832050	61.882	ng		100
37) 2-Methylnaphthalene	12.228	142	1815345	61.185	ng		99
38) 1-Methylnaphthalene	12.445	142	1916000	61.021	ng		100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1264090	62.853	ng		100
41) Hexachlorocyclopentadiene	12.580	237	814238	66.248	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	814256	63.832	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050030.D
Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	872921	63.459	ng		99
46) 1,1'-Biphenyl	13.245	154	2626494	60.817	ng		99
47) 2-Chloronaphthalene	13.286	162	2078242	60.760	ng		100
48) 2-Nitroaniline	13.498	65	512544	63.847	ng		99
49) Acenaphthylene	14.133	152	3292902	61.060	ng		100
50) Dimethylphthalate	13.874	163	2562233	60.347	ng		100
51) 2,6-Dinitrotoluene	13.992	165	551466	62.732	ng		99
52) Acenaphthene	14.474	154	1906973	61.089	ng		100
53) 3-Nitroaniline	14.327	138	541960	64.574	ng		99
54) 2,4-Dinitrophenol	14.545	184	327924	59.847	ng		97
55) Dibenzofuran	14.810	168	3154566	60.738	ng		100
56) 4-Nitrophenol	14.663	139	402106	60.088	ng		99
57) 2,4-Dinitrotoluene	14.786	165	779604	64.180	ng		98
58) Fluorene	15.463	166	2614340	61.497	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	752680	63.213	ng		98
60) Diethylphthalate	15.233	149	2397624	59.930	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	1457099	62.403	ng		98
62) 4-Nitroaniline	15.492	138	524887	64.776	ng		98
63) Azobenzene	15.745	77	2030208	60.550	ng		99
65) 4,6-Dinitro-2-methylph...	15.557	198	473987	66.167	ng		98
66) n-Nitrosodiphenylamine	15.668	169	2158446	61.422	ng		100
67) 4-Bromophenyl-phenylether	16.351	248	878886	63.509	ng		95
68) Hexachlorobenzene	16.468	284	1000366	62.711	ng		97
69) Atrazine	16.627	200	802538	63.312	ng		99
70) Pentachlorophenol	16.821	266	584874	65.136	ng		99
71) Phenanthrene	17.198	178	4028280	62.410	ng		99
72) Anthracene	17.292	178	4088295	62.590	ng		100
73) Carbazole	17.562	167	3562573	62.854	ng		100
74) Di-n-butylphthalate	18.121	149	4225922	62.607	ng		100
75) Fluoranthene	19.215	202	4891273	64.546	ng		100
77) Benzidine	19.404	184	2626747	64.592	ng		100
78) Pyrene	19.580	202	5030035	62.565	ng		100
80) Butylbenzylphthalate	20.474	149	1873444	62.216	ng		96
81) Benzo(a)anthracene	21.380	228	4954357	62.841	ng		99
82) 3,3'-Dichlorobenzidine	21.303	252	2003019	66.368	ng		99
83) Chrysene	21.445	228	4549388	62.348	ng		99
84) Bis(2-ethylhexyl)phtha...	21.298	149	2797195	62.192	ng	#	97
85) Di-n-octyl phthalate	22.427	149	4605837	62.095	ng		100
87) Indeno(1,2,3-cd)pyrene	27.797	276	5248662	64.068	ng		99
88) Benzo(b)fluoranthene	23.456	252	4643026	64.936	ng		99
89) Benzo(k)fluoranthene	23.515	252	4561134	63.050	ng		100
90) Benzo(a)pyrene	24.262	252	4281665	63.936	ng		100
91) Dibenzo(a,h)anthracene	27.850	278	4305928	64.478	ng		99
92) Benzo(g,h,i)perylene	28.850	276	4036958	63.142	ng		99

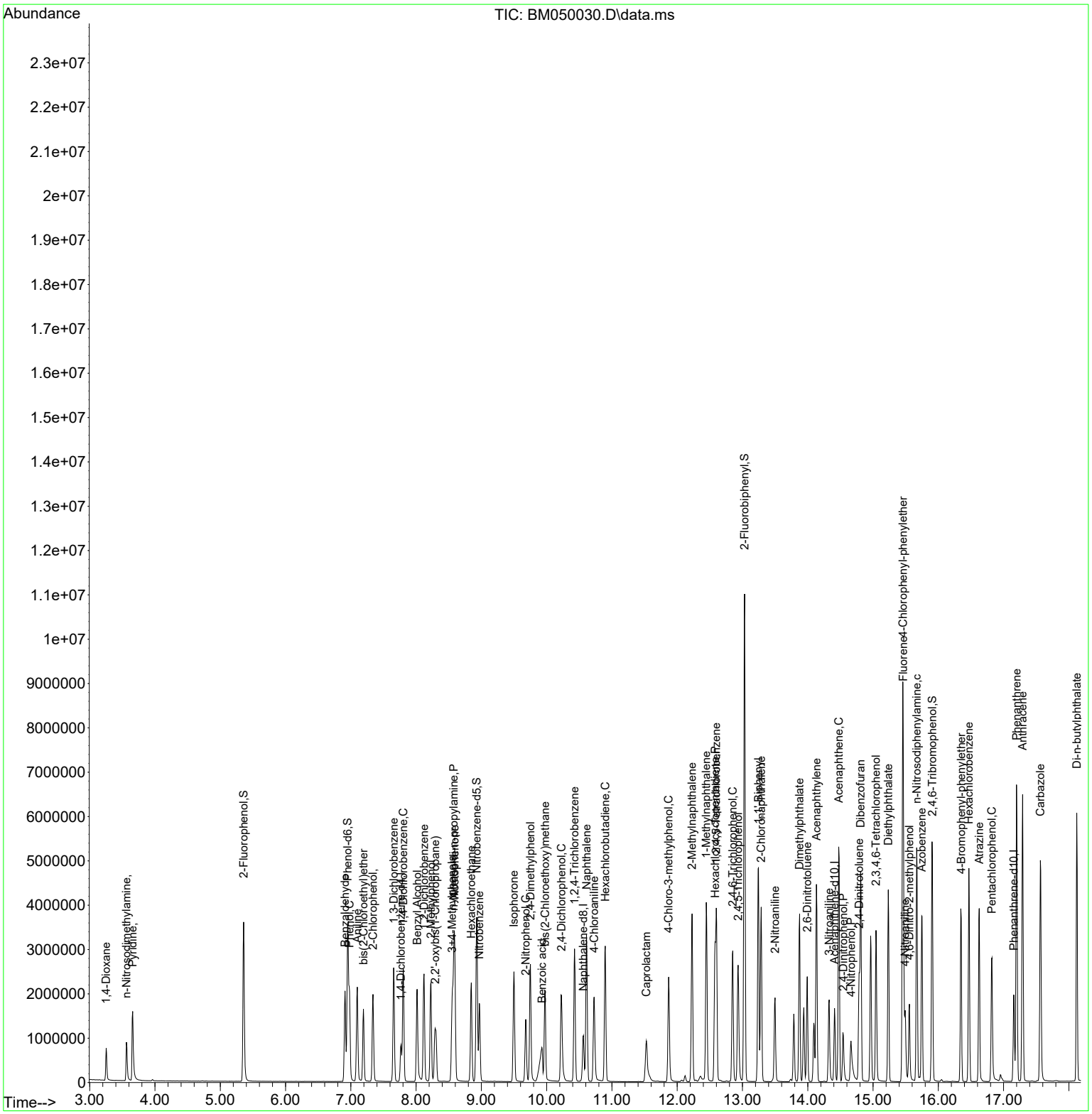
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050030.D
Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

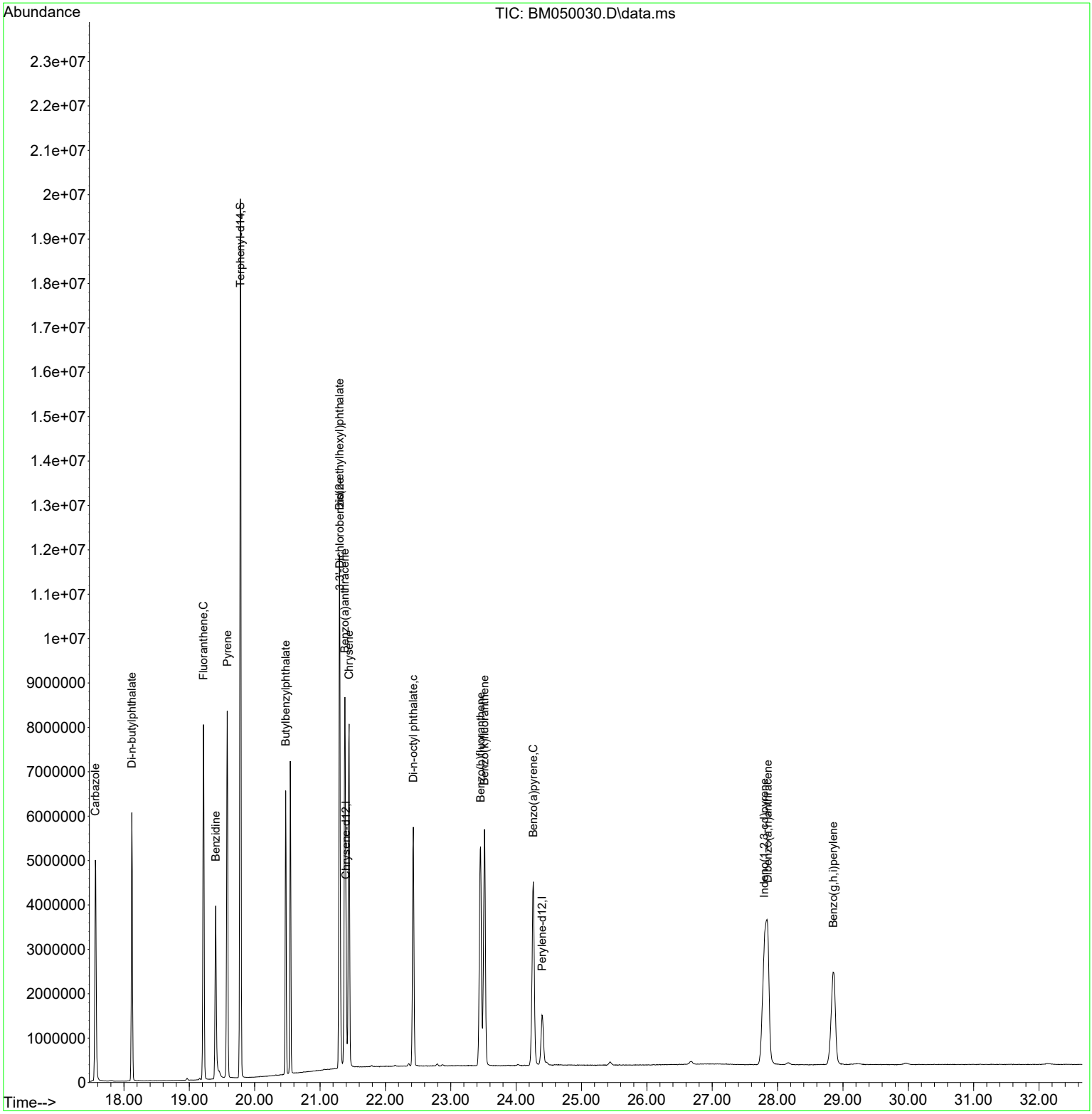
Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

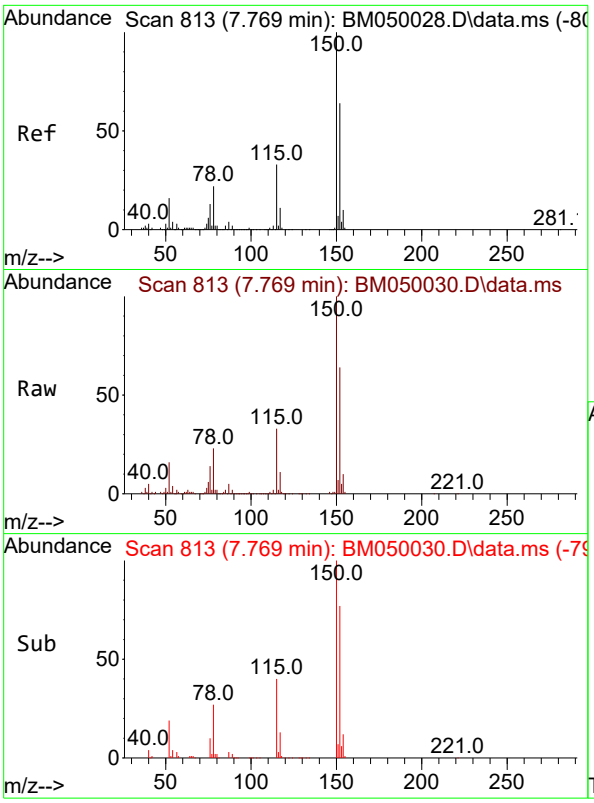


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050030.D
Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



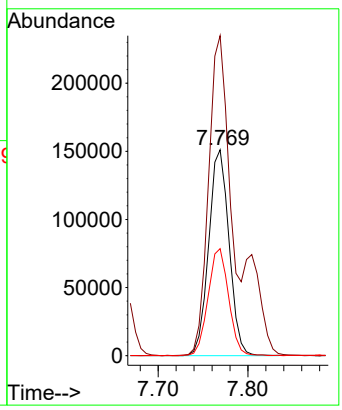


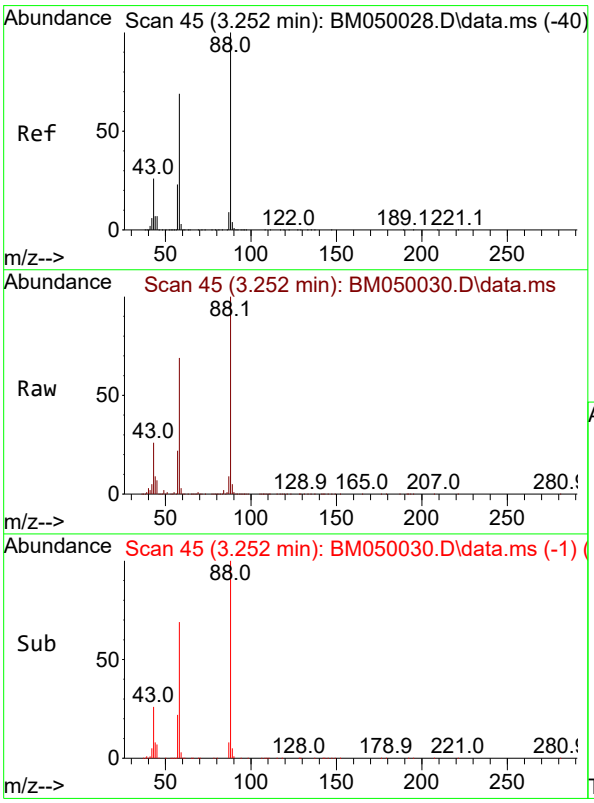
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 238160

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.1	186.1
115	52.0	41.2	61.8

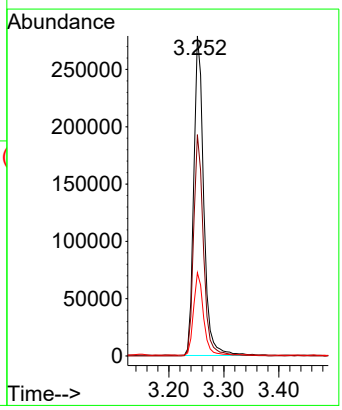


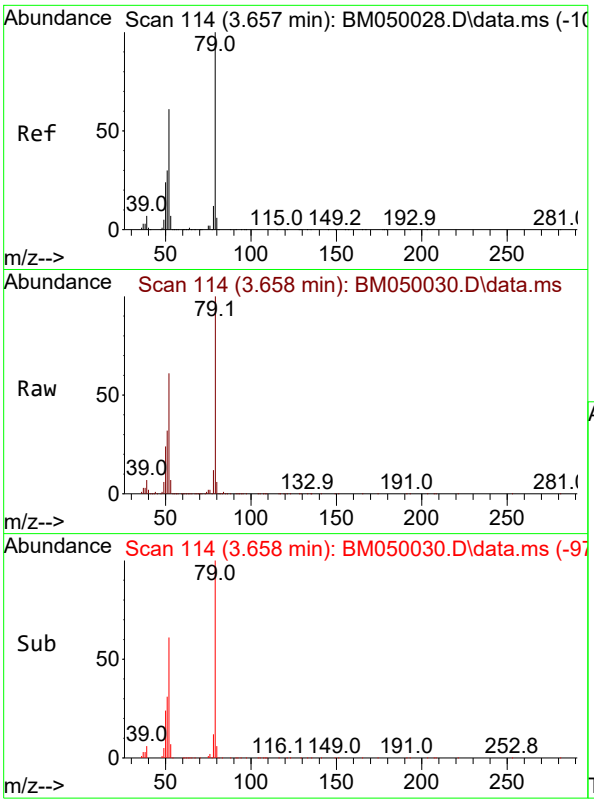


#2
1,4-Dioxane
Concen: 60.136 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 88 Resp: 350690

Ion	Ratio	Lower	Upper
88	100		
58	68.4	55.1	82.7
43	25.4	20.9	31.3



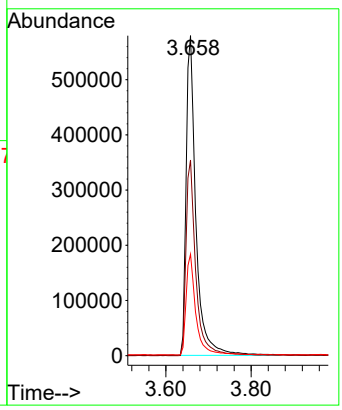


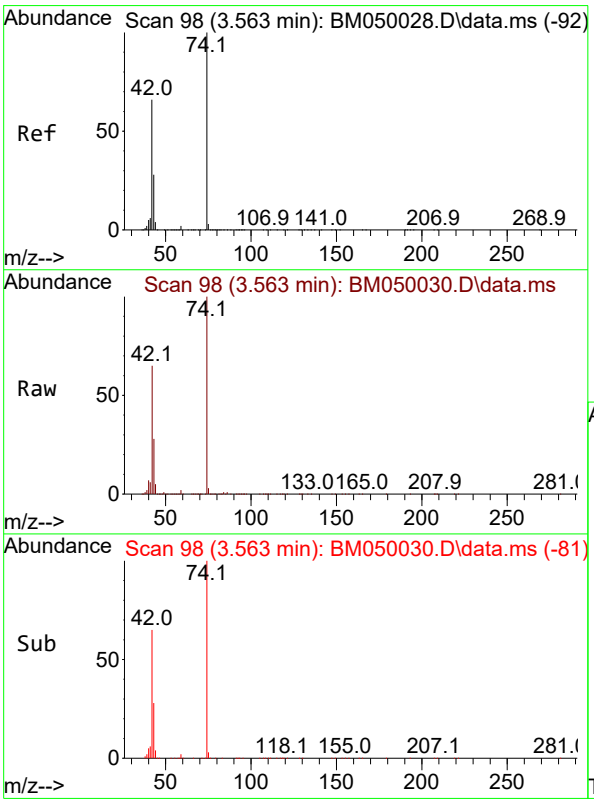
#3
Pyridine
Concen: 61.631 ng
RT: 3.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 923444

Ion	Ratio	Lower	Upper
79	100		
52	61.2	48.6	72.8
51	31.7	24.6	37.0

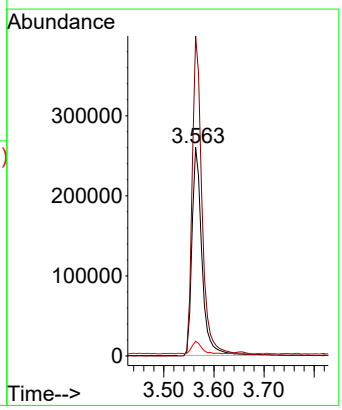


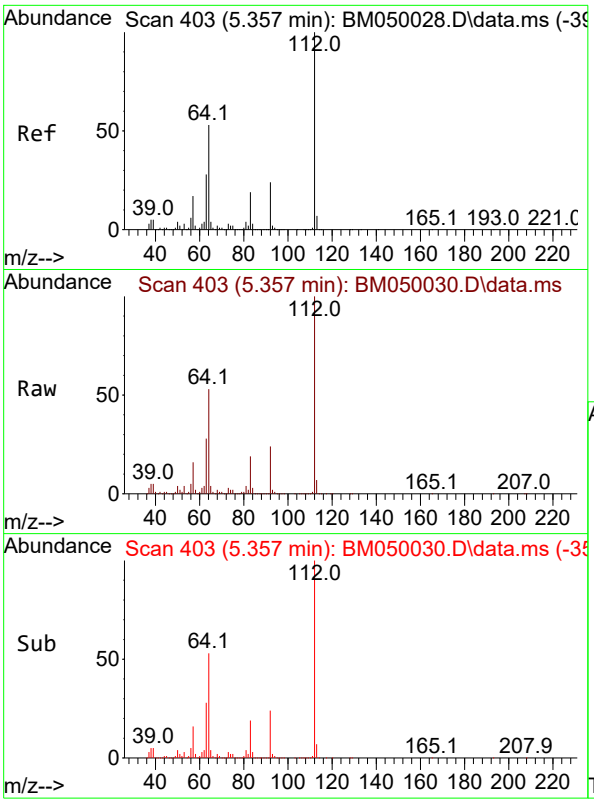


#4
n-Nitrosodimethylamine
Concen: 61.276 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 42 Resp: 360090

Ion	Ratio	Lower	Upper
42	100		
74	153.4	120.2	180.2
44	7.1	6.2	9.2



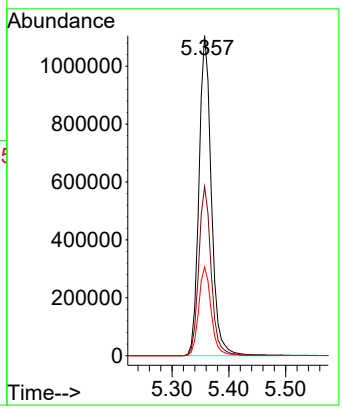


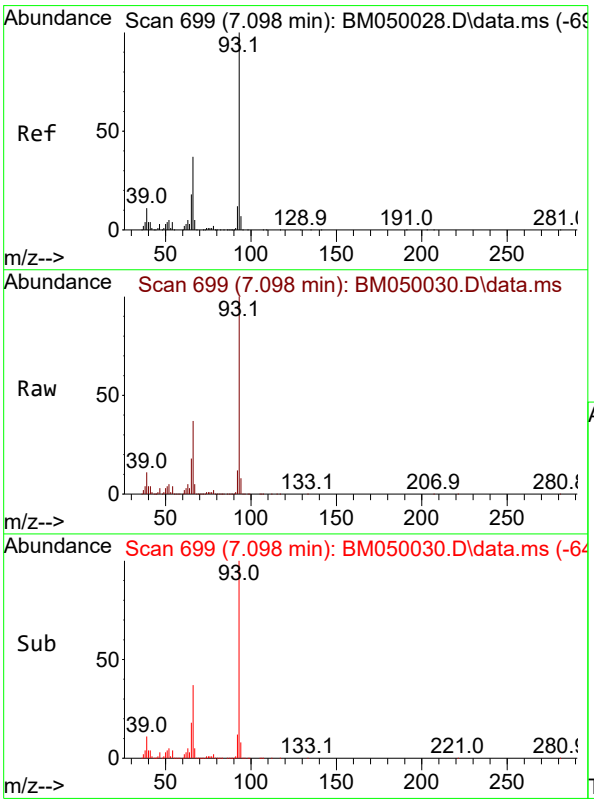
#5
2-Fluorophenol
Concen: 123.234 ng
RT: 5.357 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1676078

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.6	64.0
63	27.7	22.2	33.4

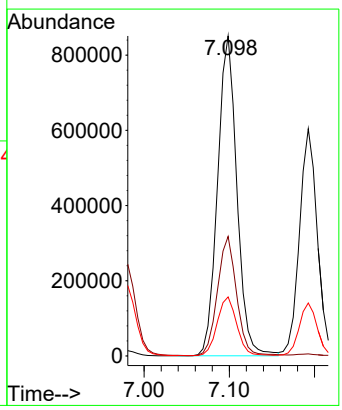


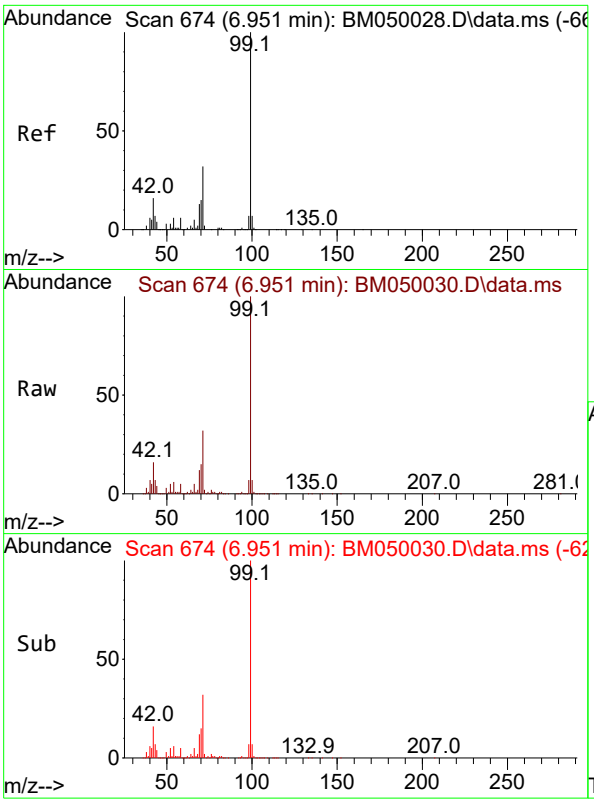


#6
Aniline
Concen: 62.058 ng
RT: 7.098 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 93 Resp: 1339587

Ion	Ratio	Lower	Upper
93	100		
66	37.4	29.9	44.9
65	18.5	14.5	21.7



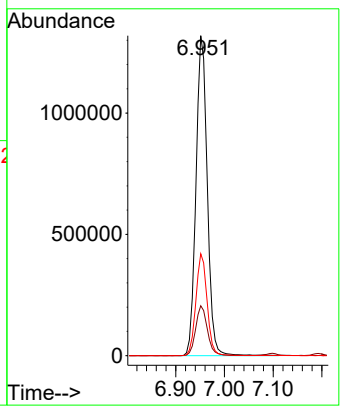


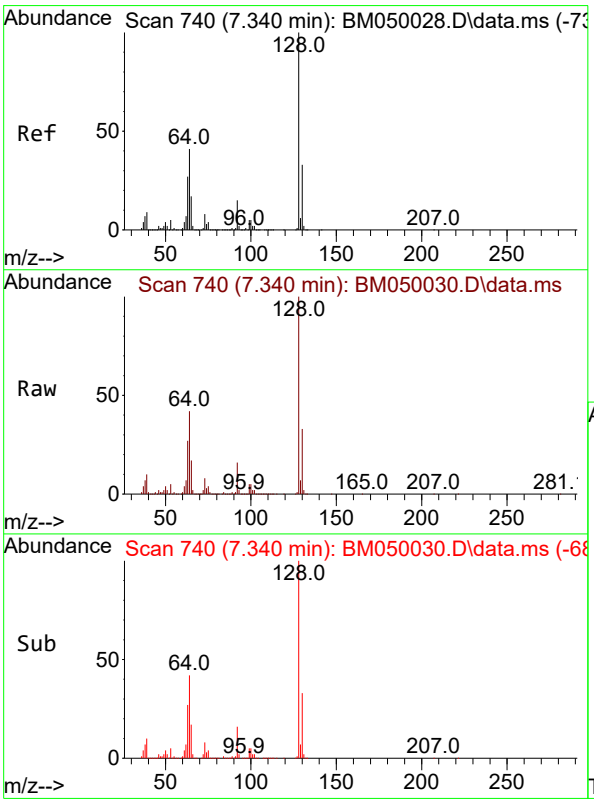
#7
Phenol-d6
Concen: 124.905 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 2135178

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	31.8	25.6	38.4

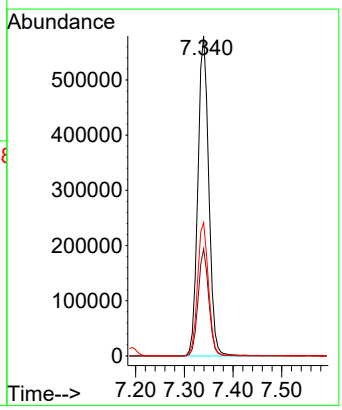


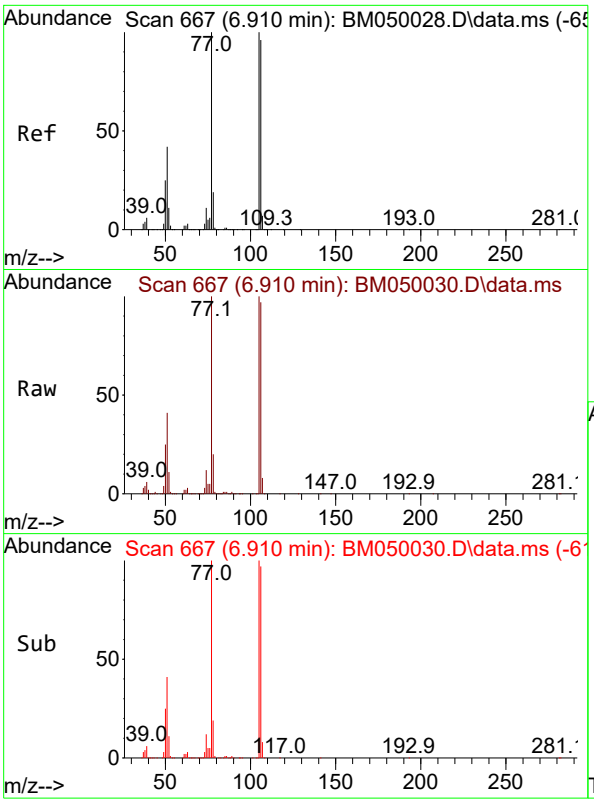


#8
2-Chlorophenol
Concen: 61.600 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:128 Resp: 905849

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.8	52.8
64	41.7	21.2	61.2



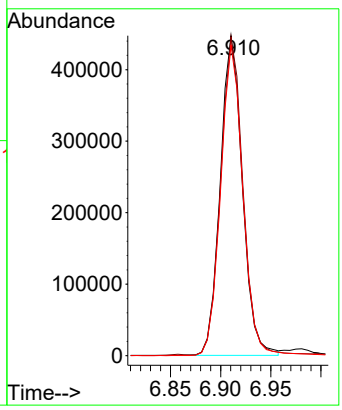


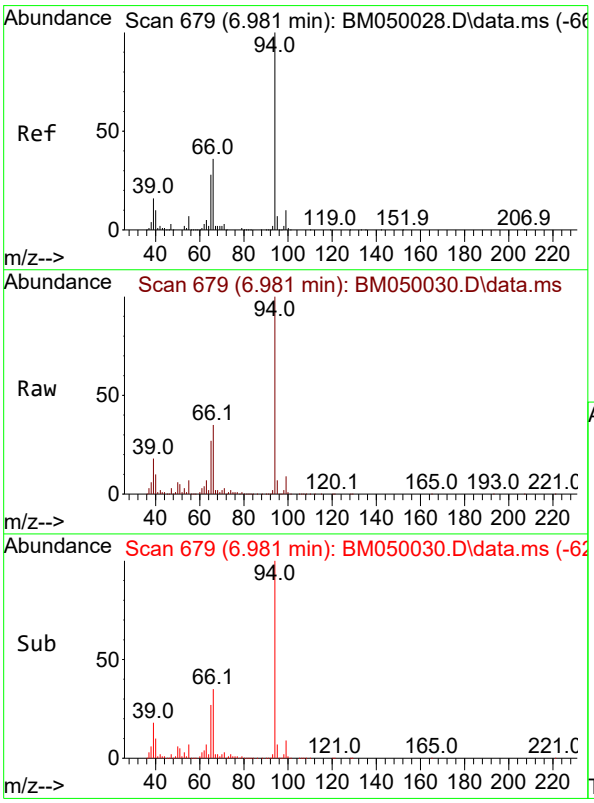
#9
Benzaldehyde
Concen: 59.793 ng
RT: 6.910 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 683177

Ion	Ratio	Lower	Upper
77	100		
105	99.6	80.5	120.5
106	97.1	76.1	116.1

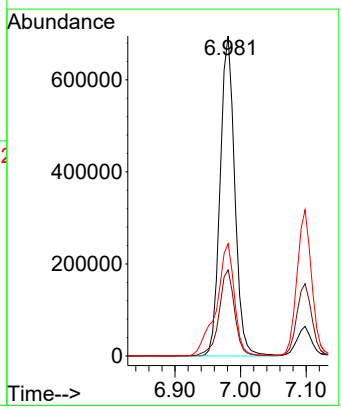


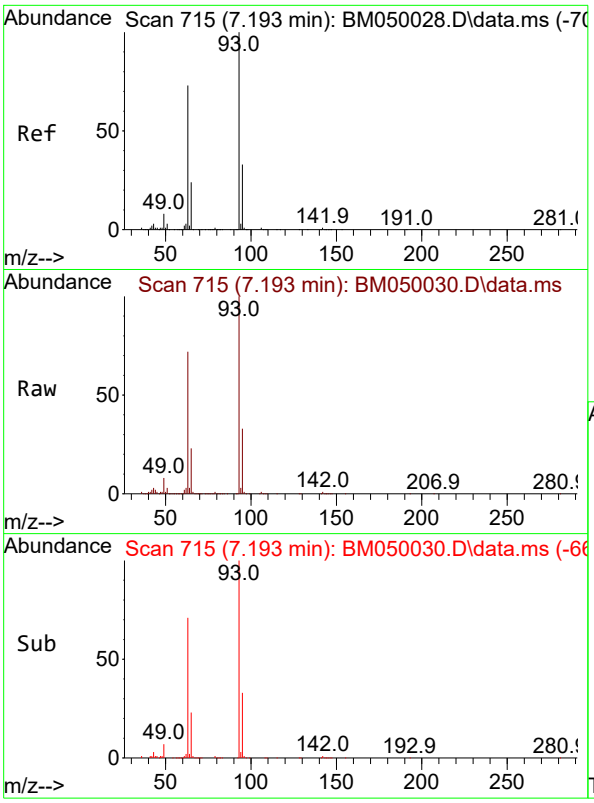


#10
Phenol
Concen: 61.956 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 94 Resp: 1072175

Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.6	47.6
66	35.1	15.8	55.8



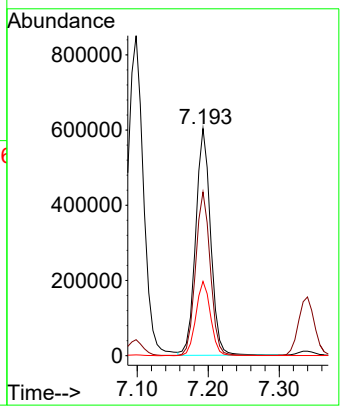


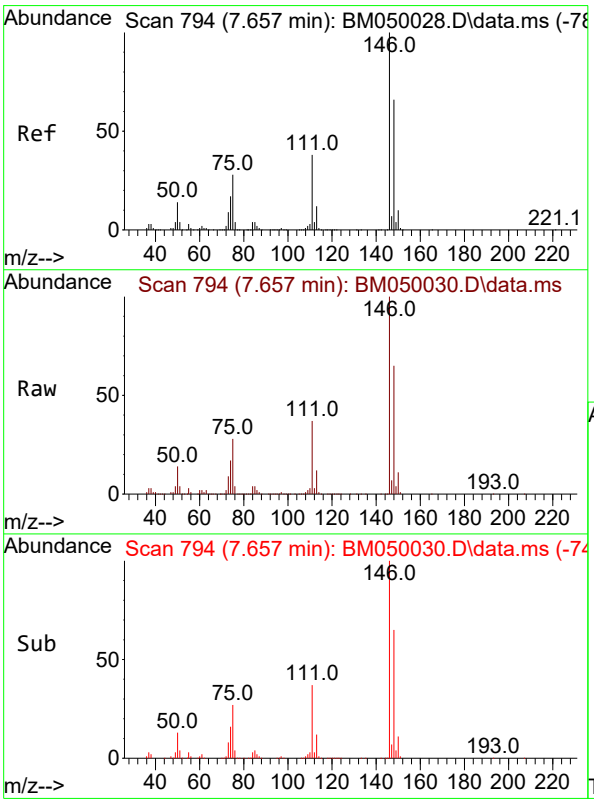
#11
bis(2-Chloroethyl)ether
Concen: 60.947 ng
RT: 7.193 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 880705

Ion	Ratio	Lower	Upper
93	100		
63	72.0	52.3	92.3
95	32.7	12.8	52.8

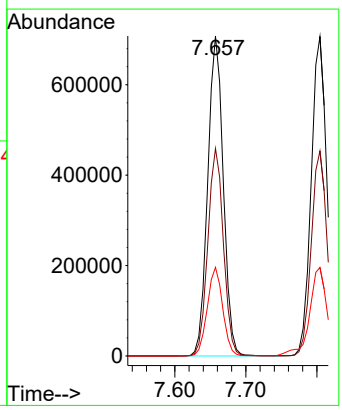


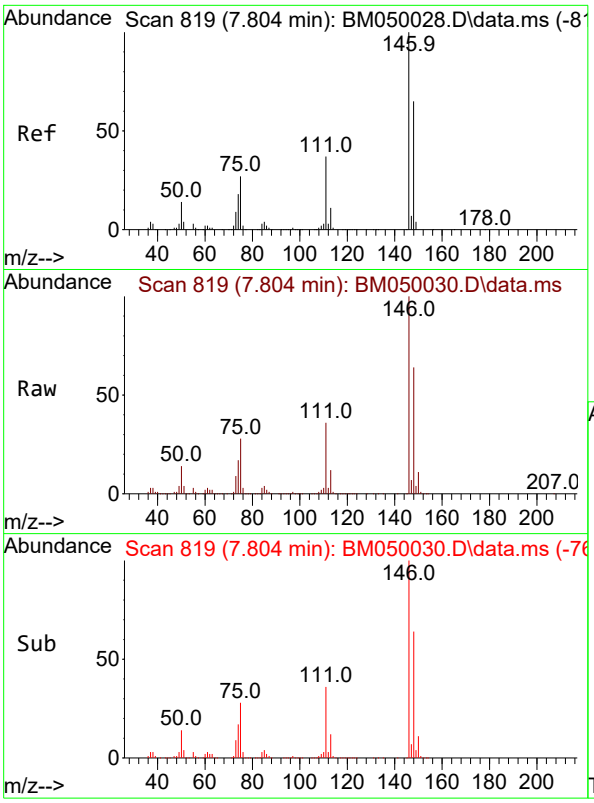


#12
1,3-Dichlorobenzene
Concen: 60.670 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:146 Resp: 1077725

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.5	78.7
75	27.7	22.6	34.0



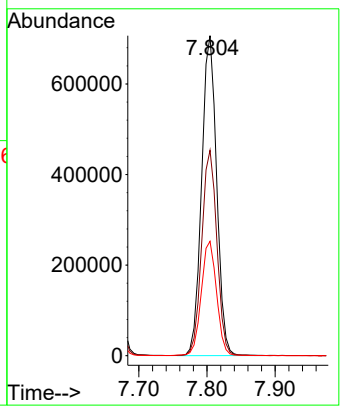


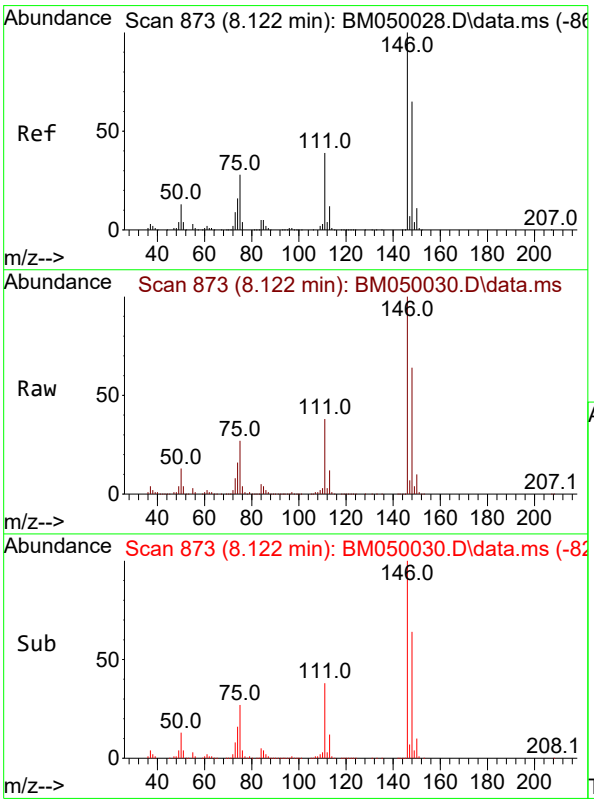
#13
1,4-Dichlorobenzene
Concen: 60.707 ng
RT: 7.804 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1083367

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	35.7	29.3	43.9

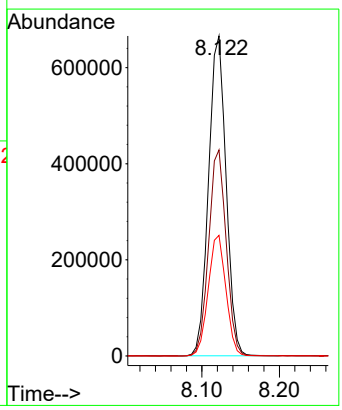


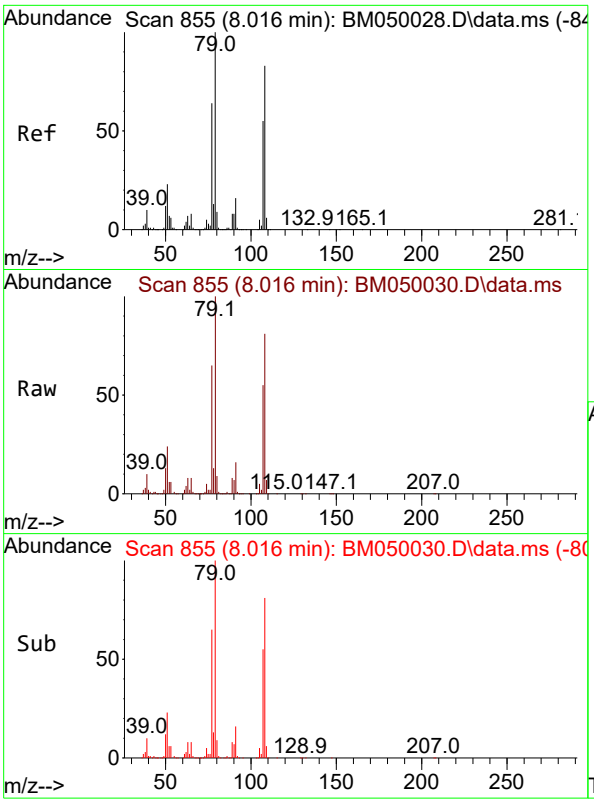


#14
1,2-Dichlorobenzene
Concen: 60.691 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:146 Resp: 1046214

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.4	78.6
111	37.7	31.0	46.6



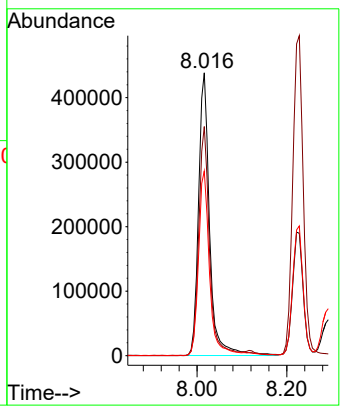


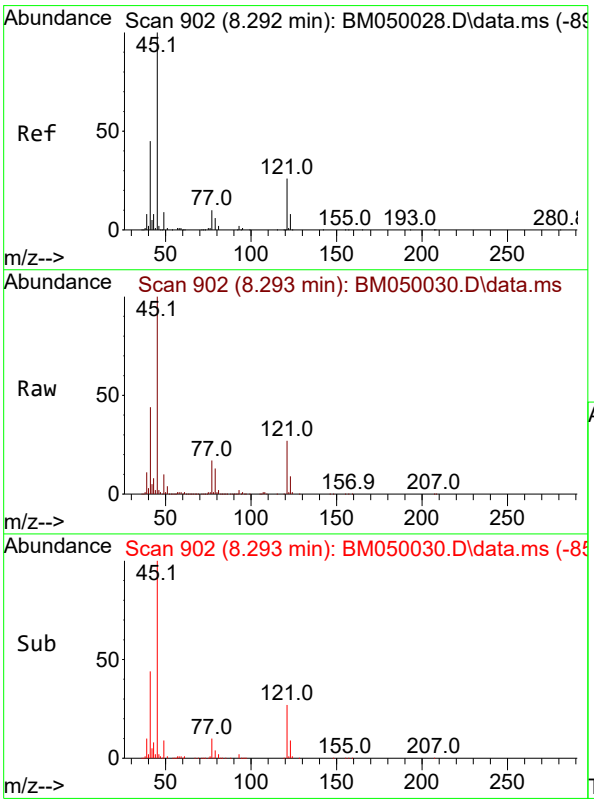
#15
Benzyl Alcohol
Concen: 63.306 ng
RT: 8.016 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 750490

Ion	Ratio	Lower	Upper
79	100		
108	81.0	66.0	99.0
77	65.3	51.6	77.4

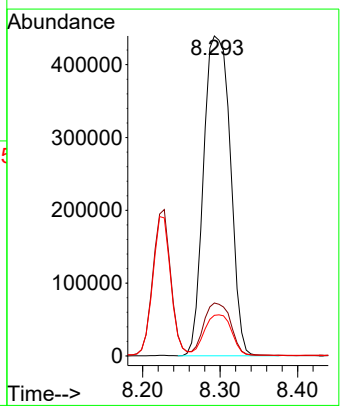


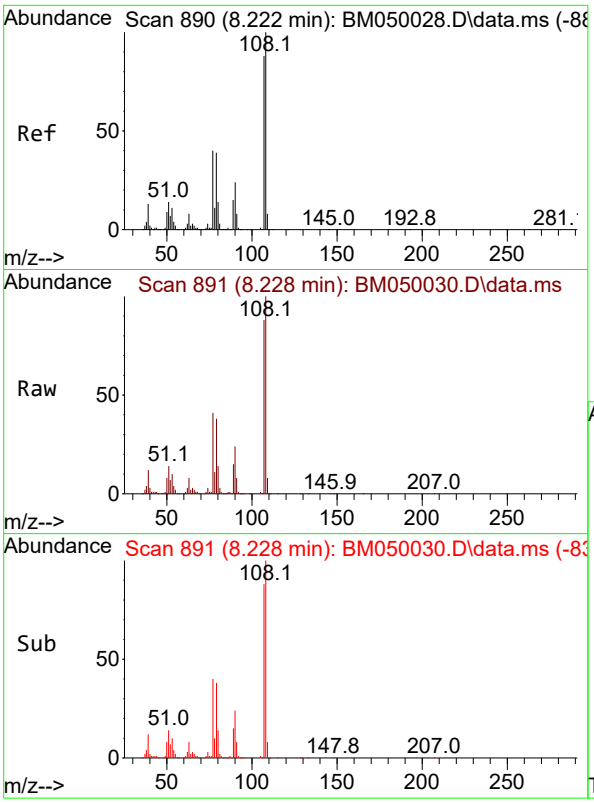


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.922 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 45 Resp: 1052561

Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	36.4
79	12.7	0.0	32.7



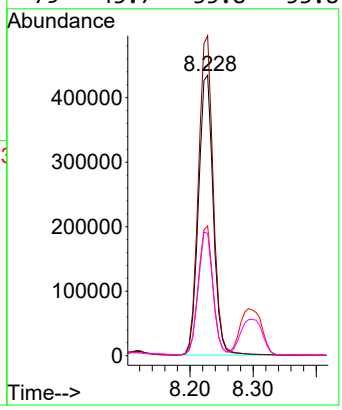


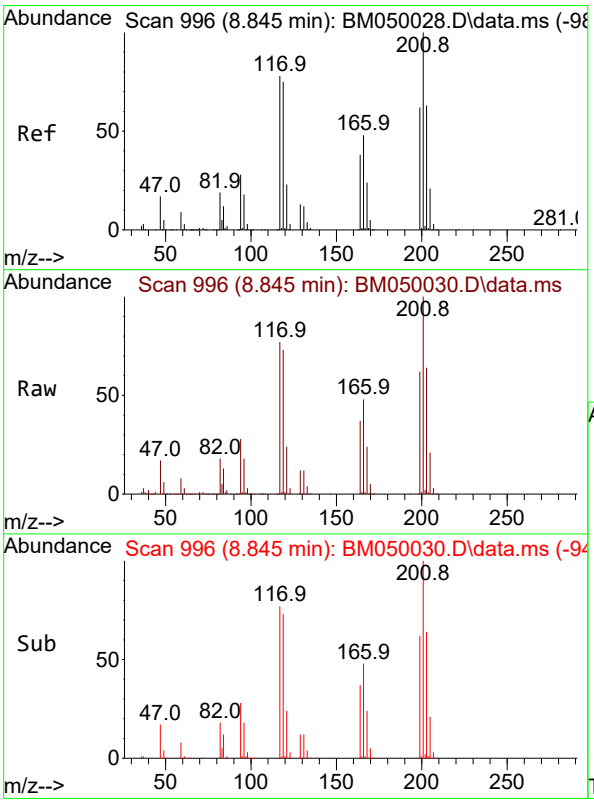
#17
2-Methylphenol
Concen: 61.914 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 705836

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.1	136.7
77	46.3	36.2	54.4
79	43.7	35.8	53.8

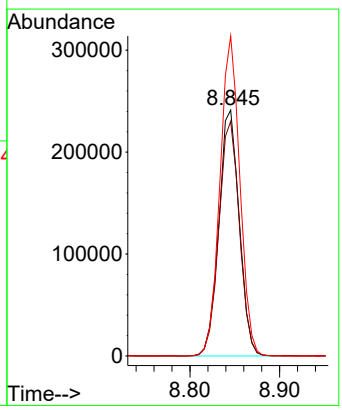


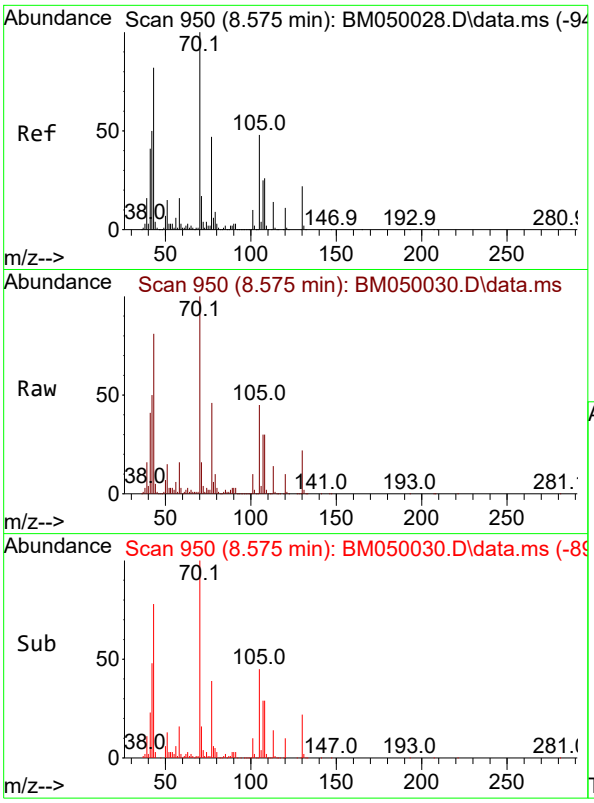


#18
Hexachloroethane
Concen: 60.018 ng
RT: 8.845 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:117 Resp: 380742

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9
201	130.1	102.8	154.2



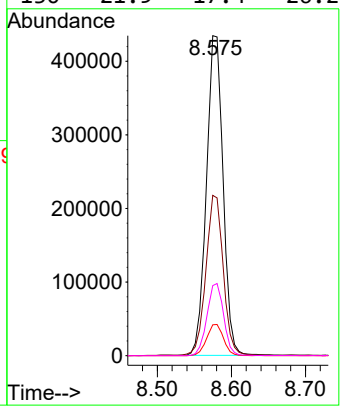


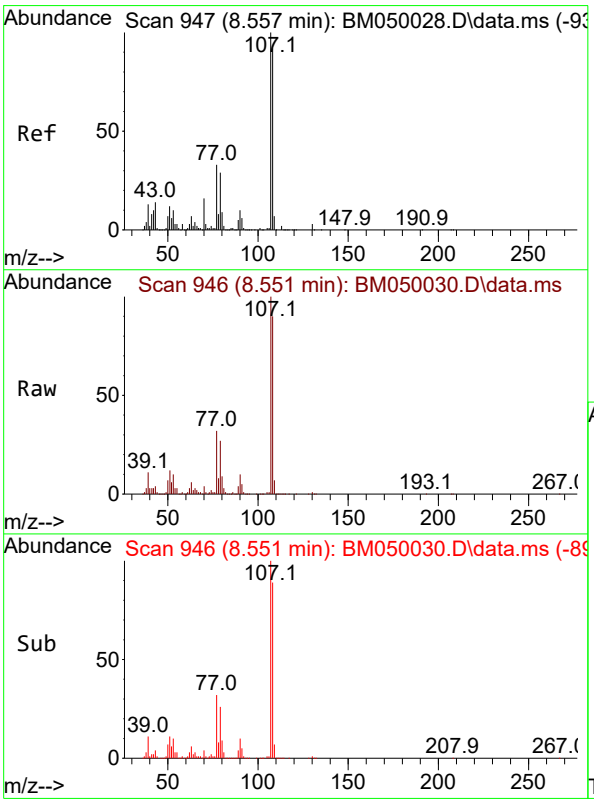
#19
n-Nitroso-di-n-propylamine
Concen: 61.851 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 678107

Ion	Ratio	Lower	Upper
70	100		
42	50.1	40.5	60.7
101	9.7	7.8	11.6
130	21.9	17.4	26.2

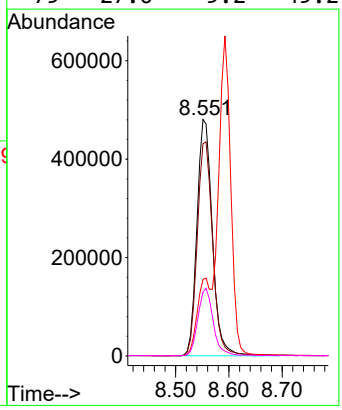


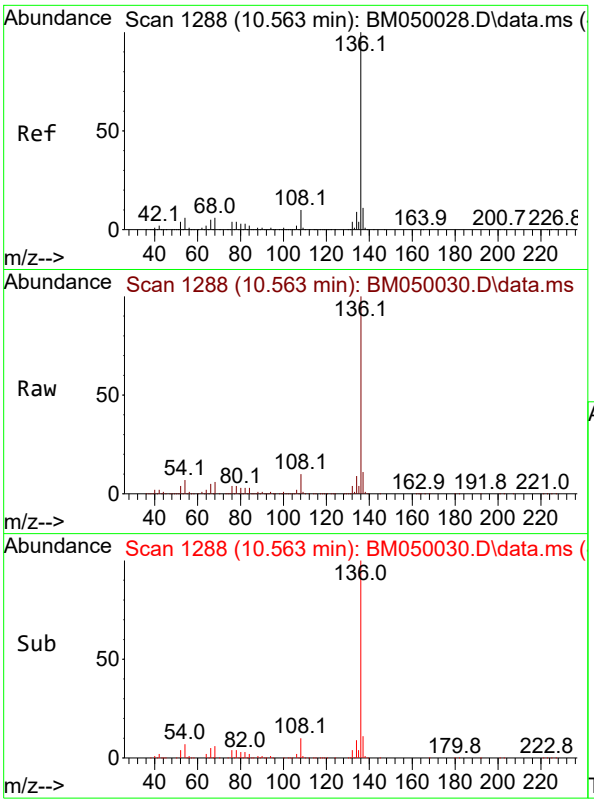


#20
3+4-Methylphenols
Concen: 62.619 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:107 Resp: 964063

Ion	Ratio	Lower	Upper
107	100		
108	89.8	72.4	112.4
77	32.4	13.6	53.6
79	27.0	9.2	49.2



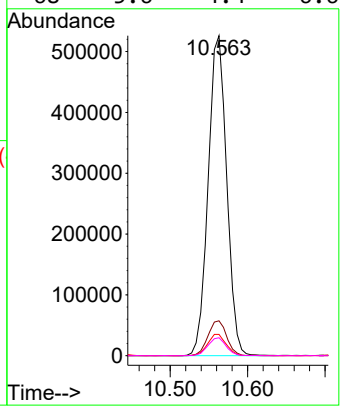


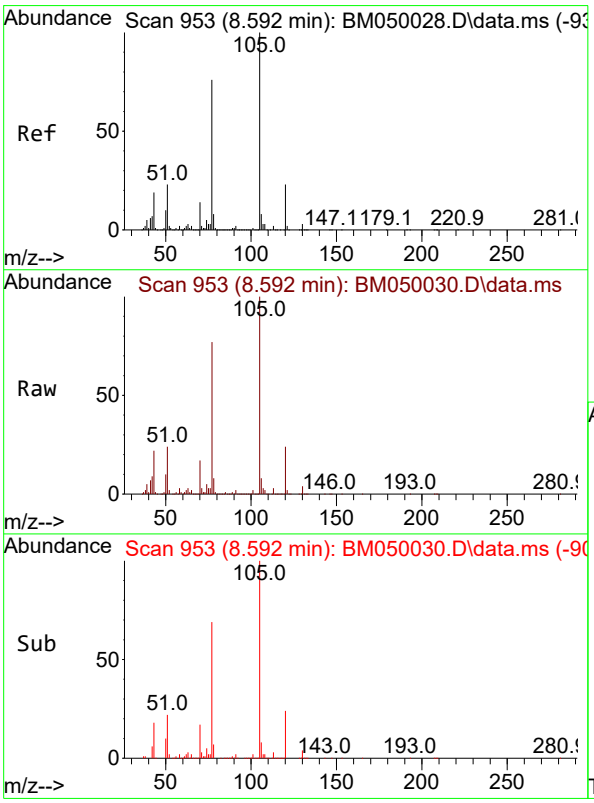
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 873845

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	5.1	7.7
68	5.6	4.4	6.6

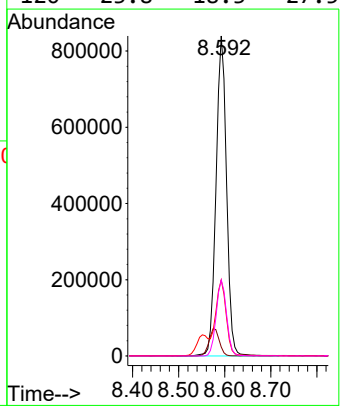


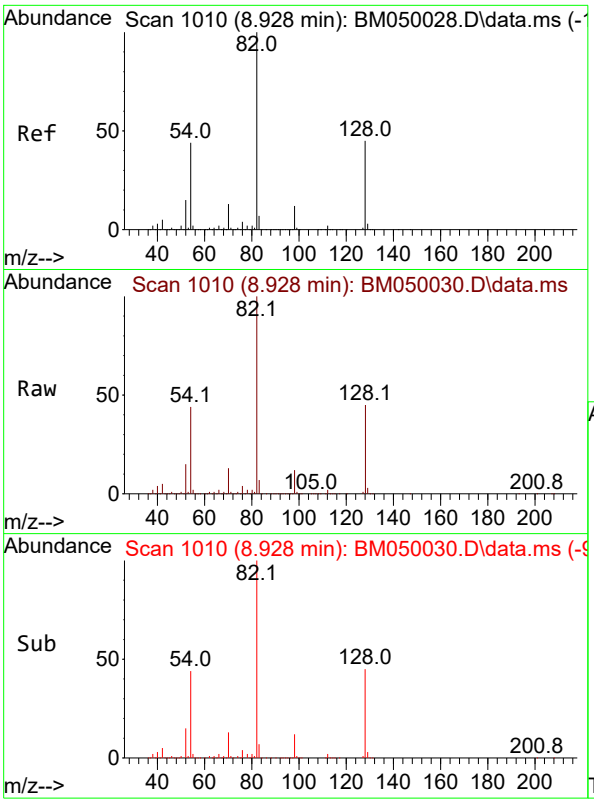


#22
Acetophenone
Concen: 61.030 ng
RT: 8.592 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:105 Resp: 1325893

Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.7	2.5#
51	23.7	18.6	27.8
120	23.8	18.3	27.5



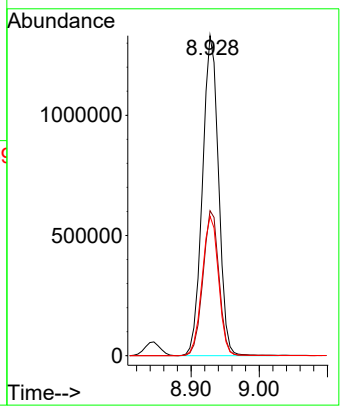


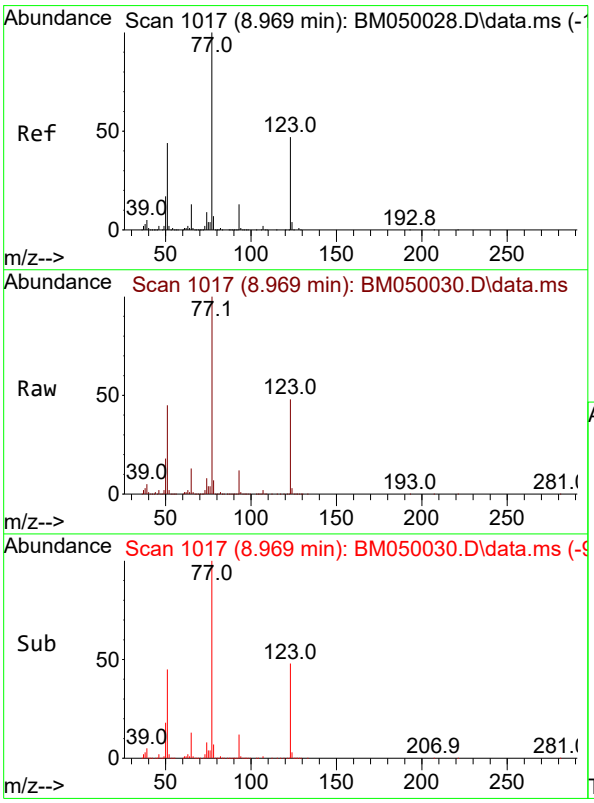
#23
Nitrobenzene-d5
Concen: 123.300 ng
RT: 8.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2186546

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	43.6	35.4	53.2

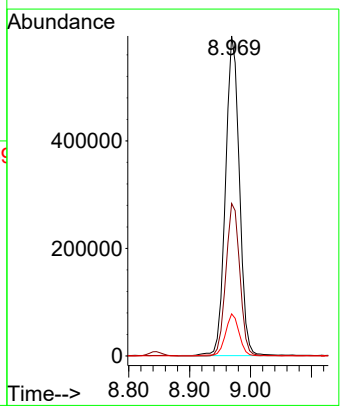


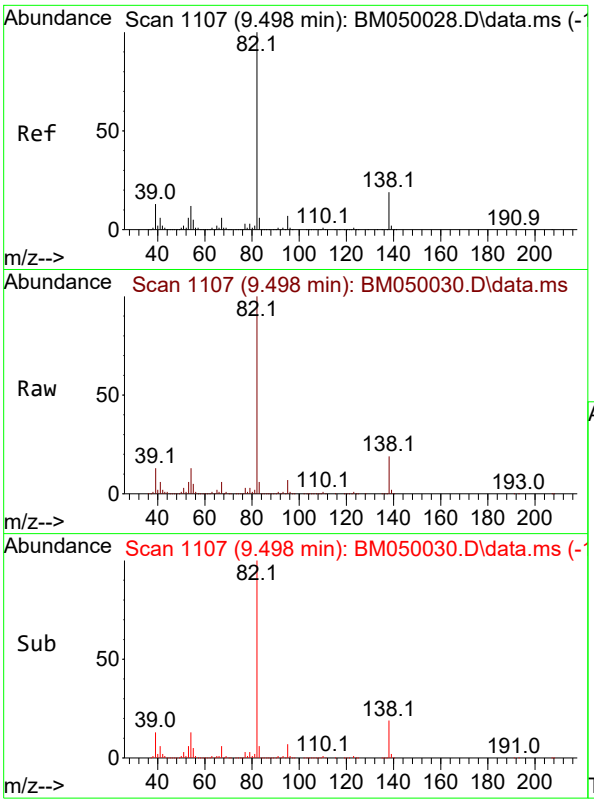


#24
Nitrobenzene
Concen: 61.193 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 77 Resp: 938300

Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.9	56.9
65	13.2	10.1	15.1



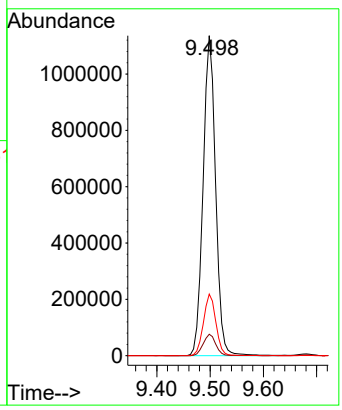


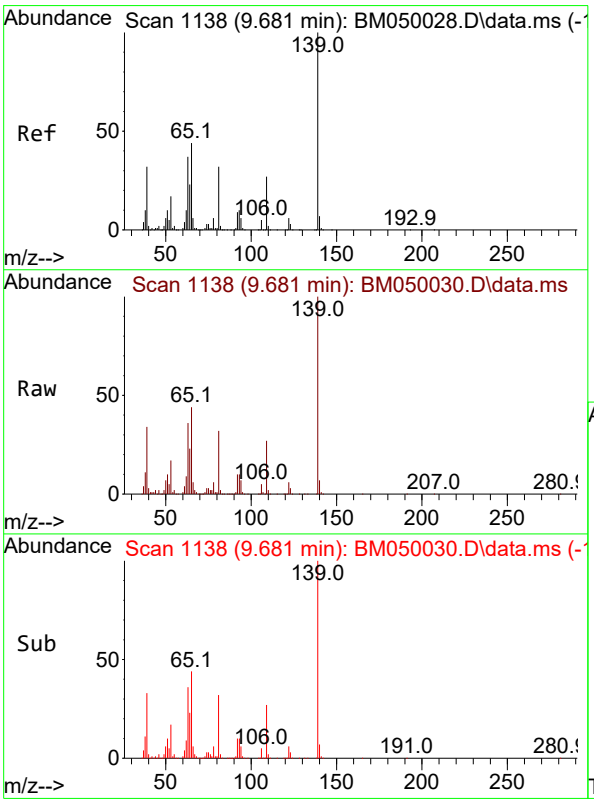
#25
Isophorone
Concen: 61.044 ng
RT: 9.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1845274

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	19.2	15.5	23.3

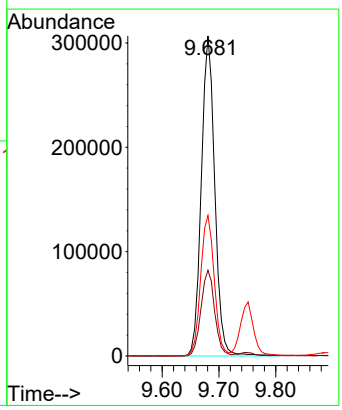


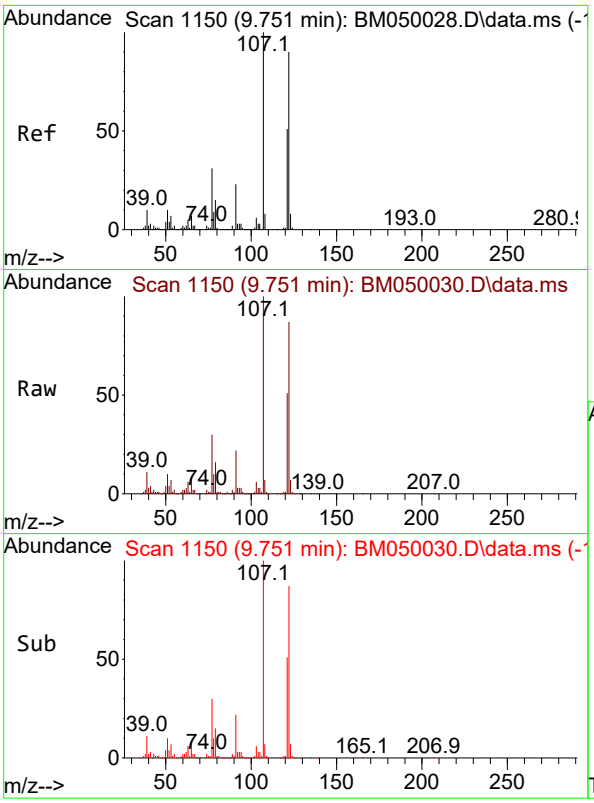


#26
2-Nitrophenol
Concen: 64.395 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:139 Resp: 504441

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.9	32.9
65	43.9	35.4	53.2



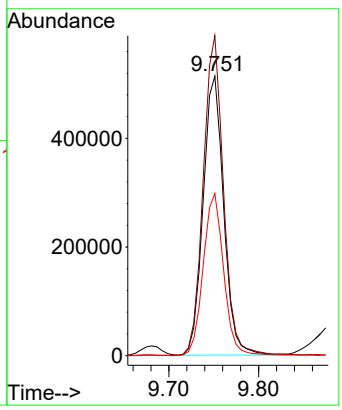


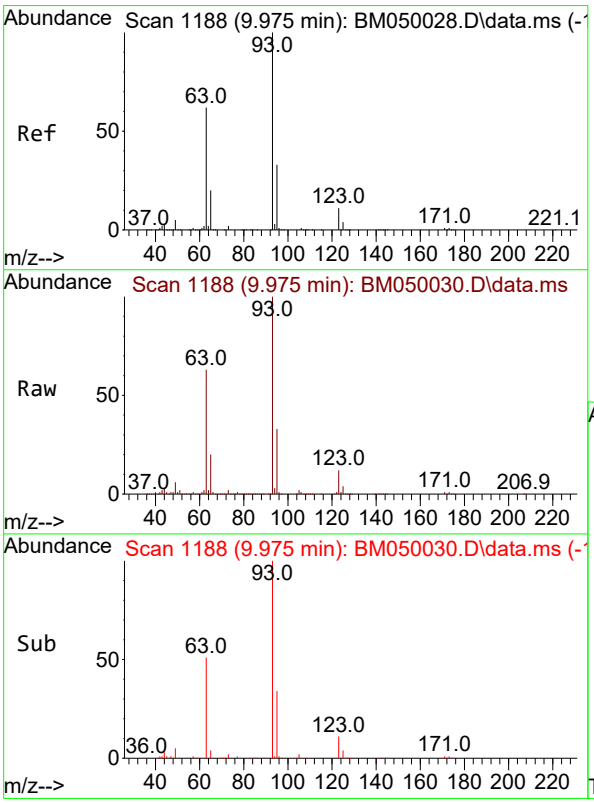
#27
2,4-Dimethylphenol
Concen: 62.869 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 816717

Ion	Ratio	Lower	Upper
122	100		
107	114.4	89.0	133.6
121	58.0	45.6	68.4

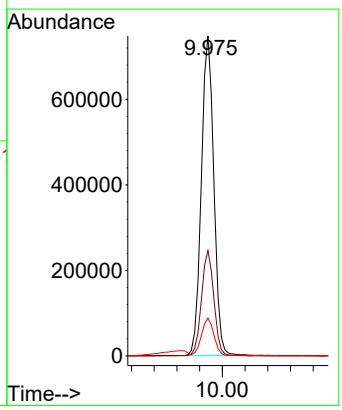


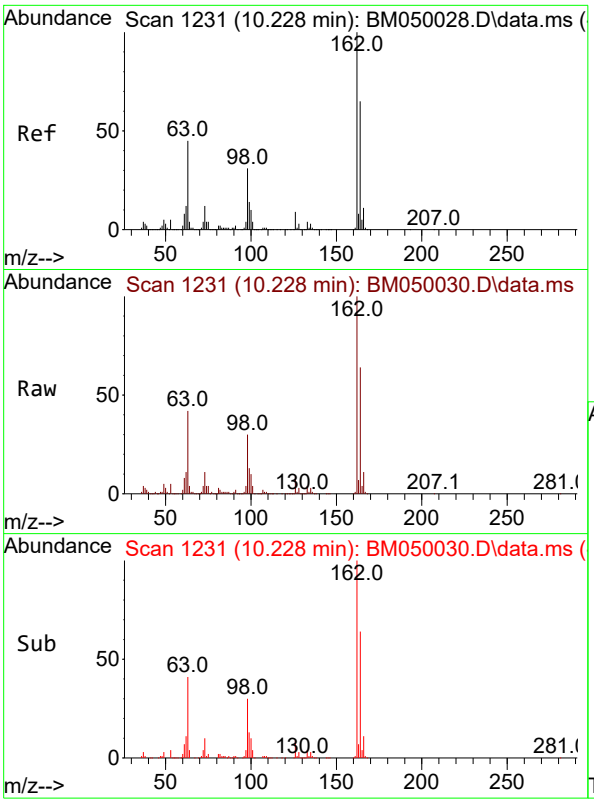


#28
bis(2-Chloroethoxy)methane
Concen: 60.958 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 93 Resp: 1138921

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.8	9.5	14.3



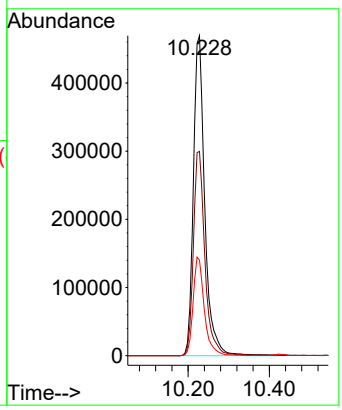


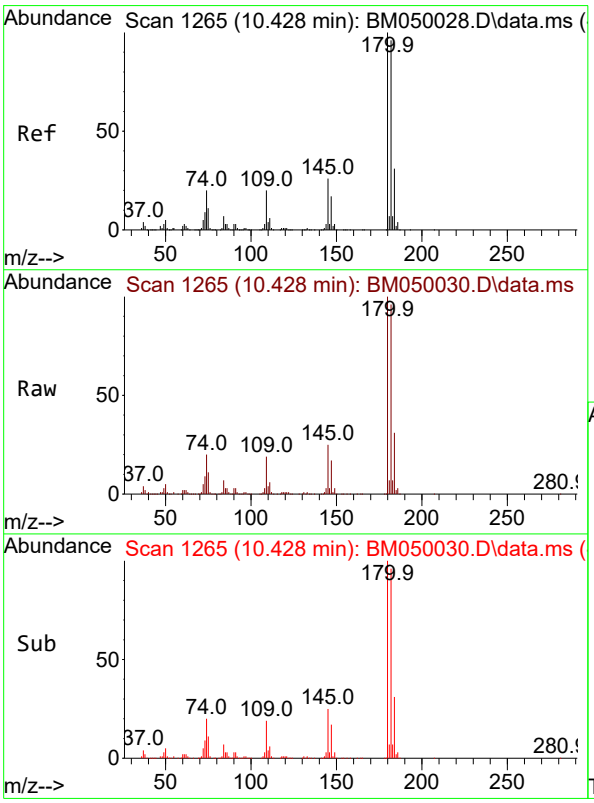
#29
2,4-Dichlorophenol
Concen: 63.266 ng
RT: 10.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 920741

Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.4	85.4
98	29.8	11.3	51.3

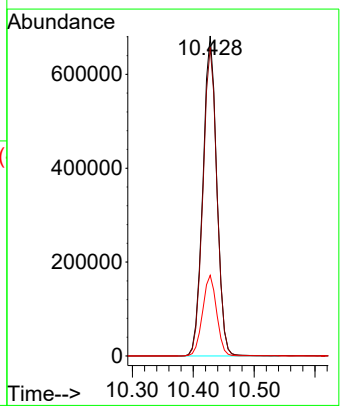


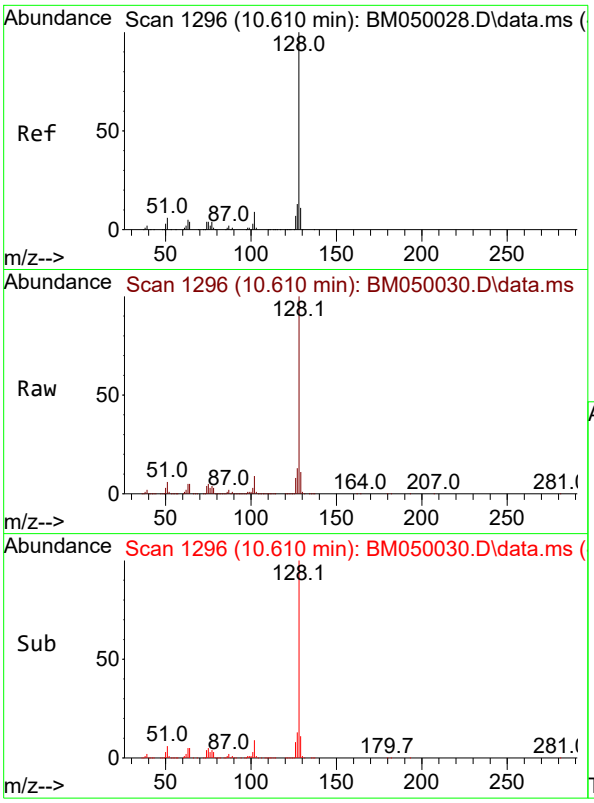


#30
1,2,4-Trichlorobenzene
Concen: 60.907 ng
RT: 10.428 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:180 Resp: 1079970

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.4
145	25.2	20.6	30.8



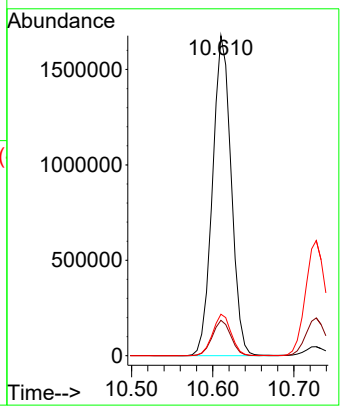


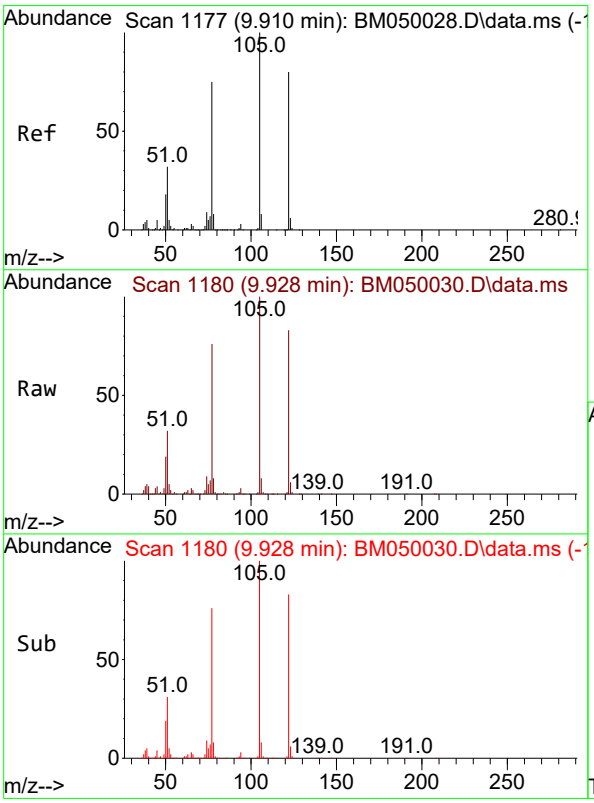
#31
Naphthalene
Concen: 60.626 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 2682942

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.0	10.4	15.6

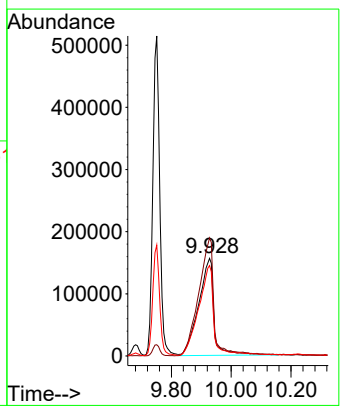


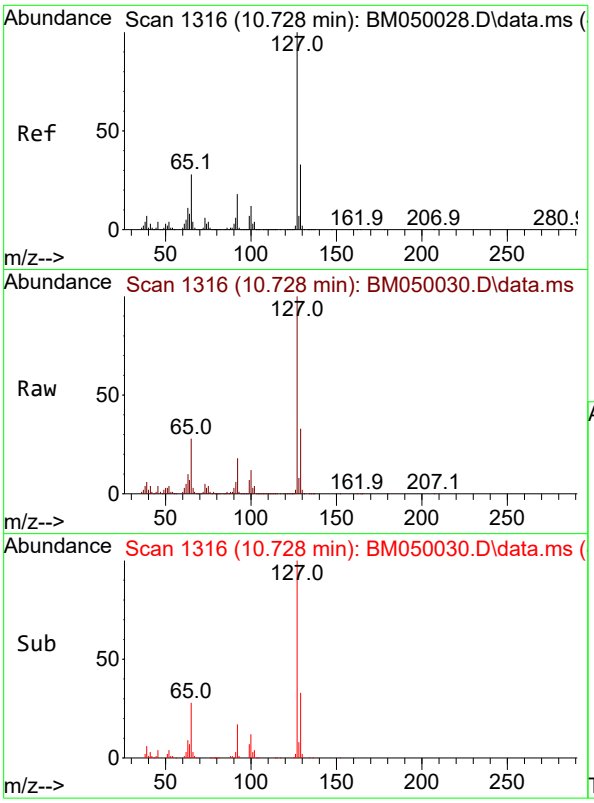


#32
Benzoic acid
Concen: 67.178 ng
RT: 9.928 min Scan# 1180
Delta R.T. 0.018 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:122 Resp: 556598

Ion	Ratio	Lower	Upper
122	100		
105	120.9	103.6	143.6
77	92.5	73.7	113.7



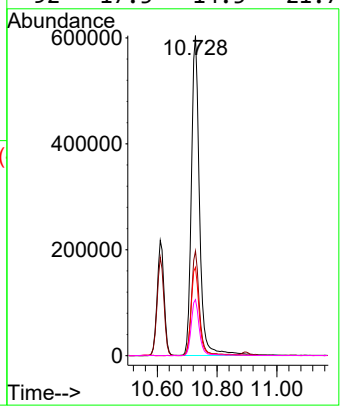


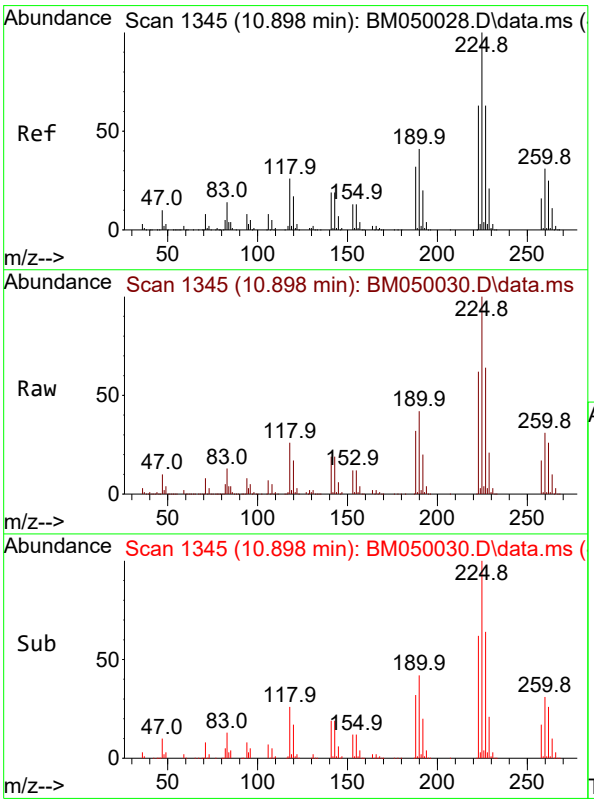
#33
4-Chloroaniline
Concen: 63.184 ng
RT: 10.728 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1146085

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	27.6	22.5	33.7
92	17.5	14.5	21.7

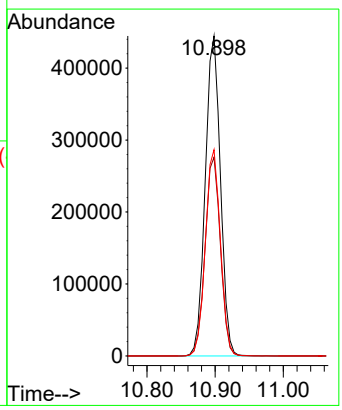


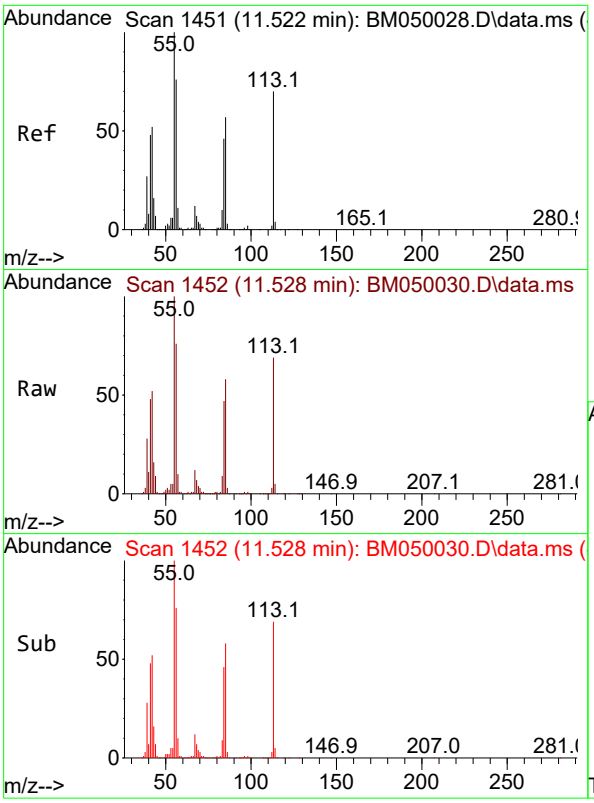


#34
Hexachlorobutadiene
Concen: 61.230 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:225 Resp: 689159

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	64.5	50.6	76.0



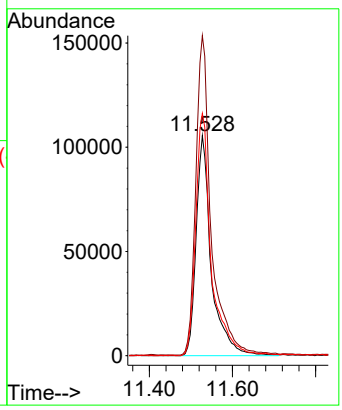


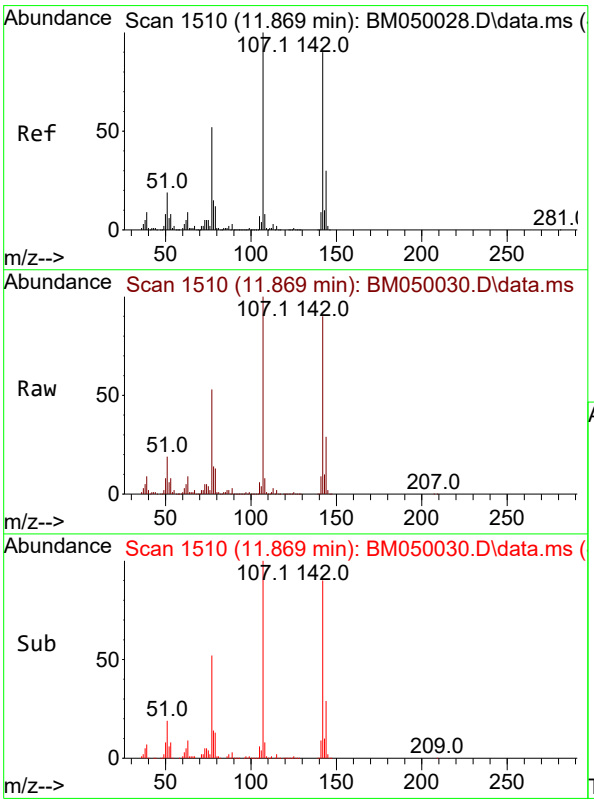
#35
Caprolactam
Concen: 62.845 ng
RT: 11.528 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 266678

Ion	Ratio	Lower	Upper
113	100		
55	145.4	122.9	162.9
56	110.1	88.1	128.1

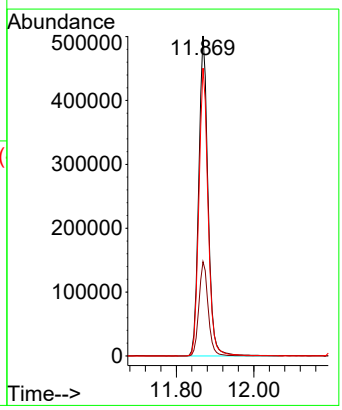


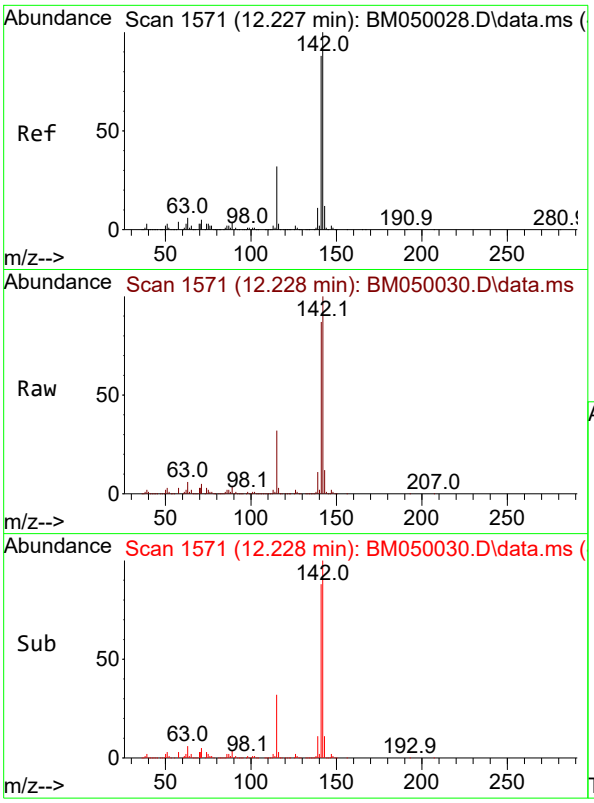


#36
4-Chloro-3-methylphenol
Concen: 61.882 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:107 Resp: 832050

Ion	Ratio	Lower	Upper
107	100		
144	29.4	23.8	35.6
142	89.9	71.9	107.9



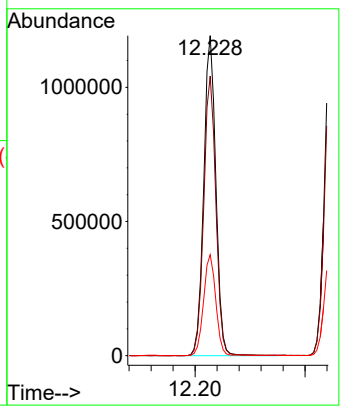


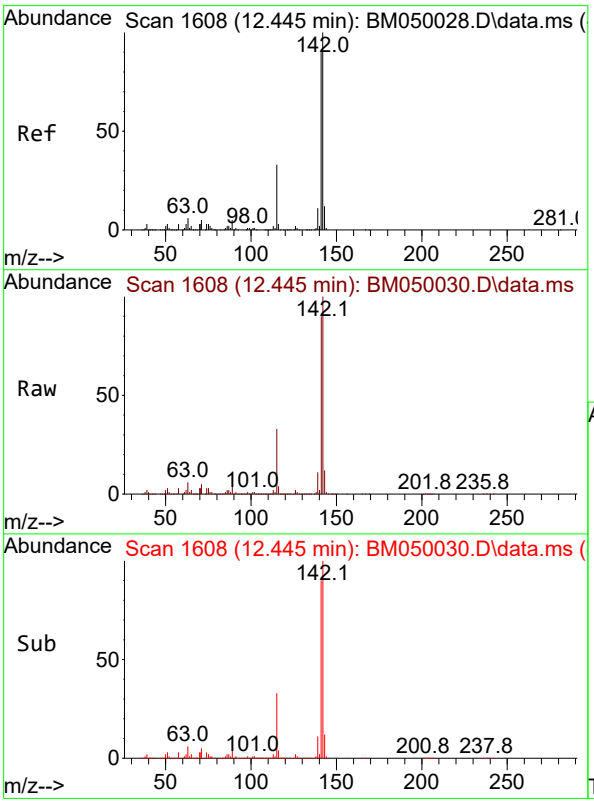
#37
2-Methylnaphthalene
Concen: 61.185 ng
RT: 12.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1815345

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.4	105.6
115	31.5	25.4	38.2

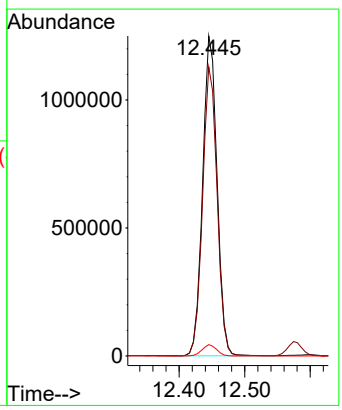


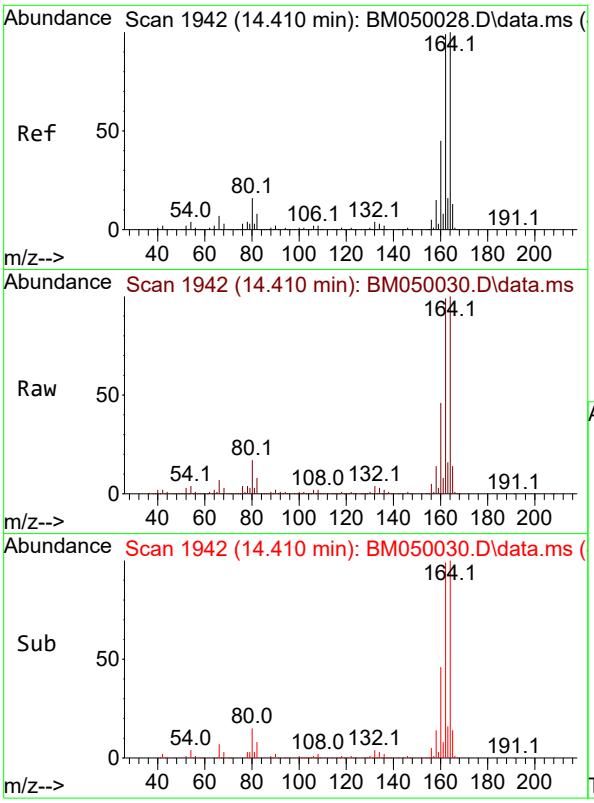


#38
1-Methylnaphthalene
Concen: 61.021 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:142 Resp: 1916000

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.1	108.1
116	3.5	2.7	4.1



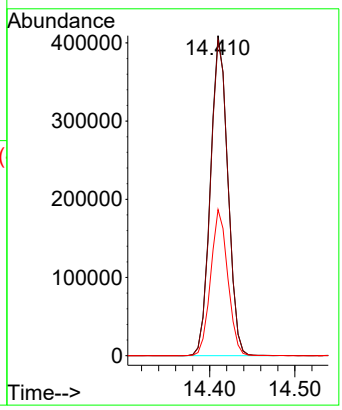


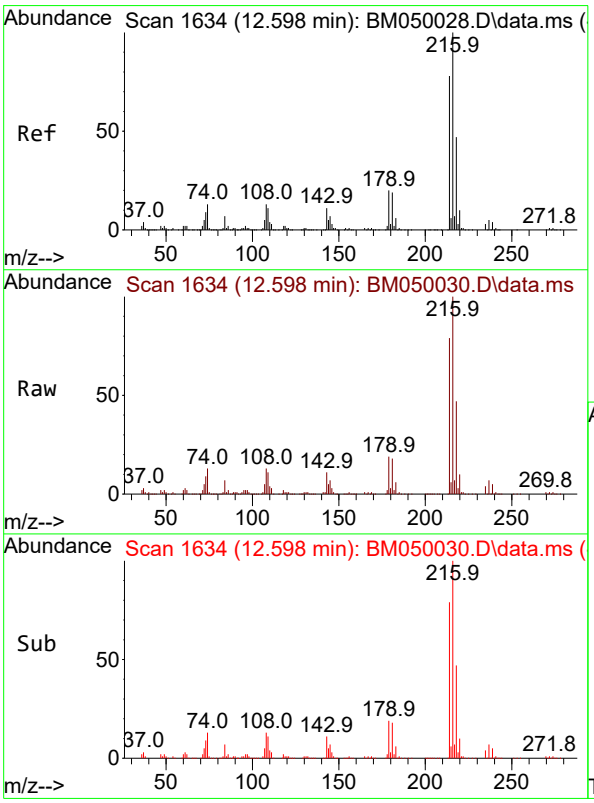
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 580977

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.4	119.0
160	45.7	36.2	54.4

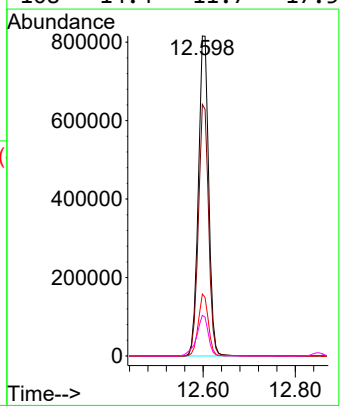


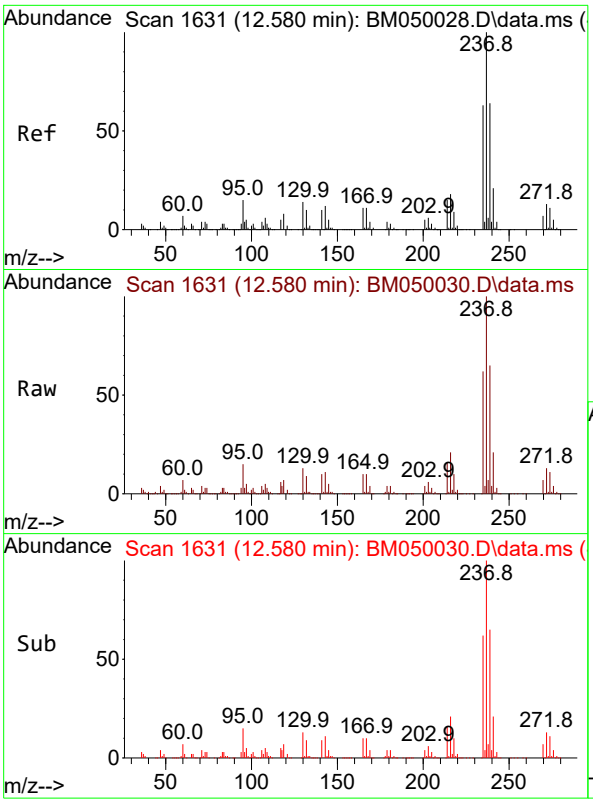


#40
1,2,4,5-Tetrachlorobenzene
Concen: 62.853 ng
RT: 12.598 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:216 Resp: 1264090

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	18.9	15.4	23.0
108	14.4	11.7	17.5



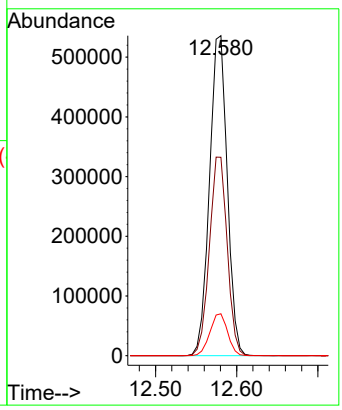


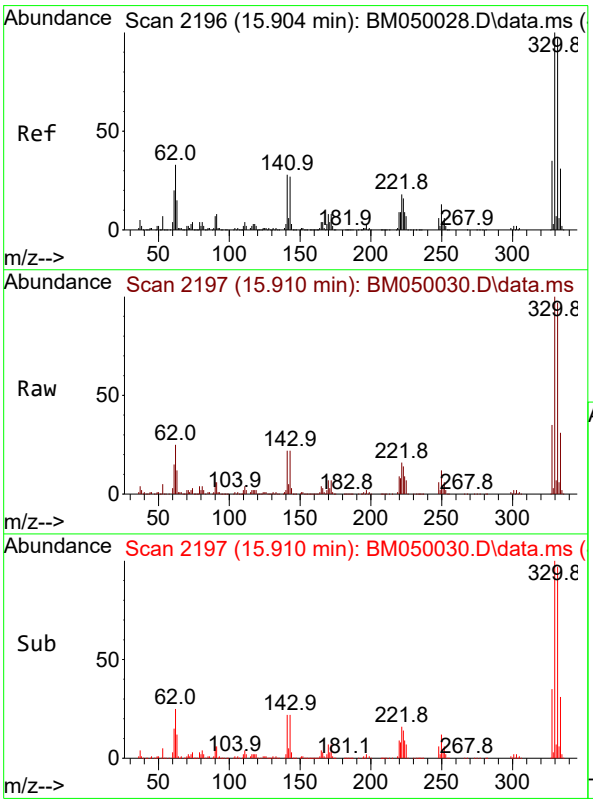
#41
Hexachlorocyclopentadiene
Concen: 66.248 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 814238

Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.9	82.9
272	13.1	0.0	32.9

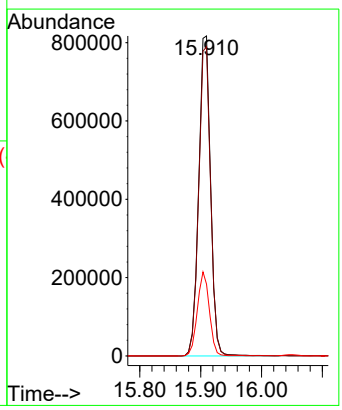


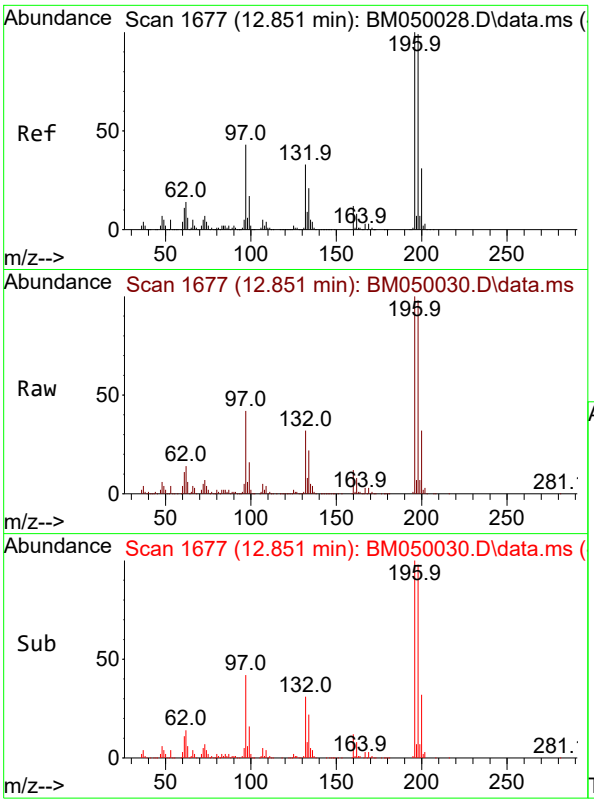


#42
2,4,6-Tribromophenol
Concen: 128.968 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:330 Resp: 1107899

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	26.6	22.5	33.7



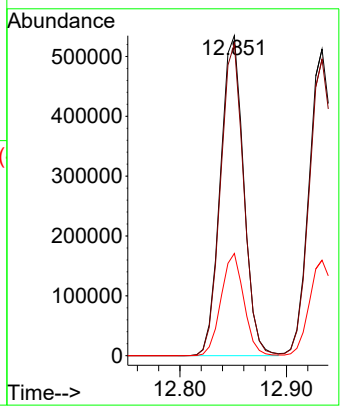


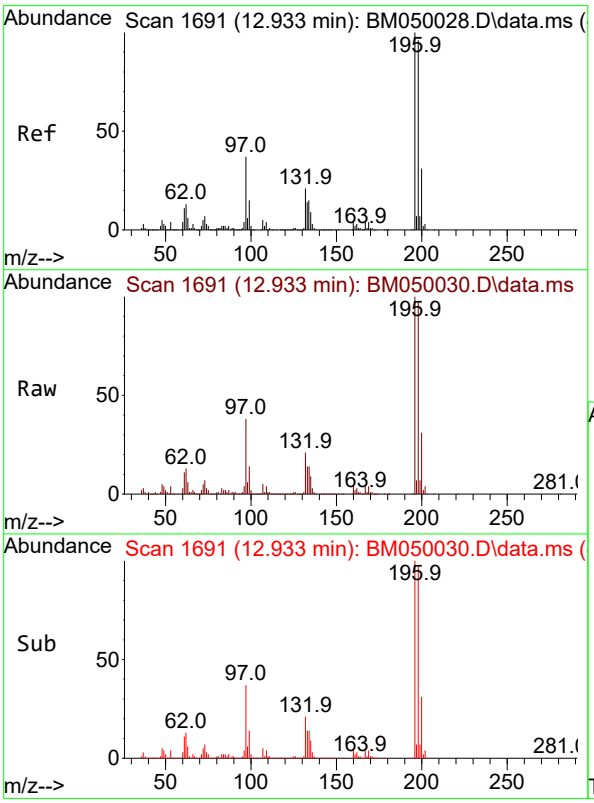
#43
2,4,6-Trichlorophenol
Concen: 63.832 ng
RT: 12.851 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 814256

Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.0	118.6
200	31.9	25.1	37.7

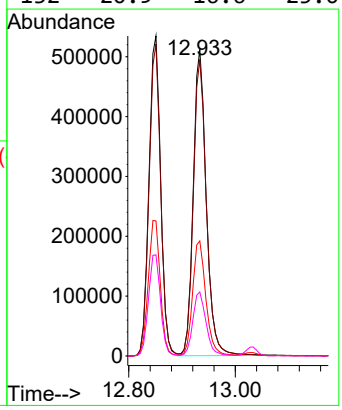


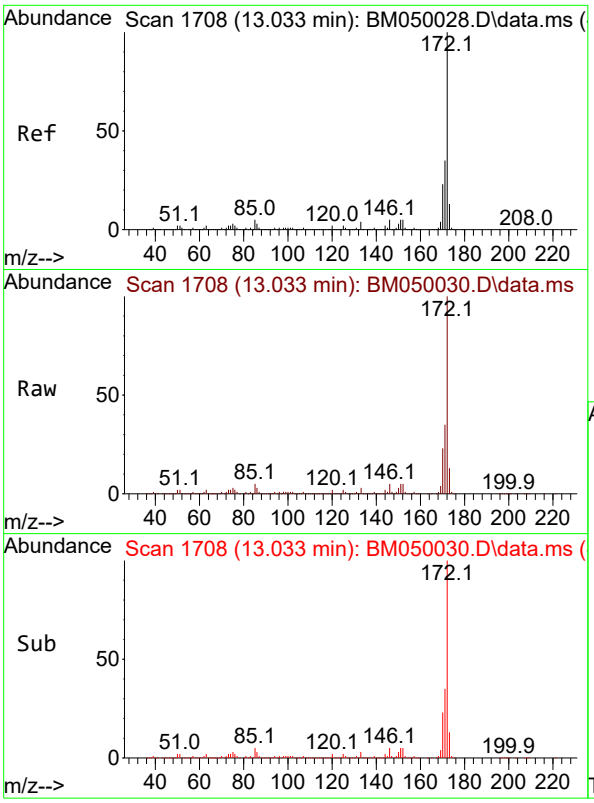


#44
2,4,5-Trichlorophenol
Concen: 63.459 ng
RT: 12.933 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:196 Resp: 872921

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.7	115.1
97	37.5	30.1	45.1
132	20.9	16.6	25.0



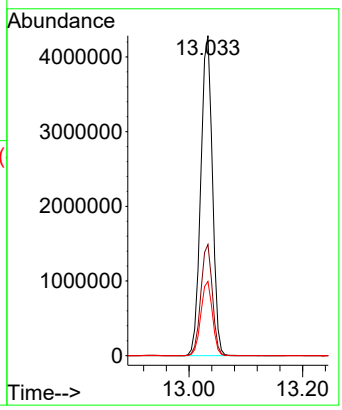


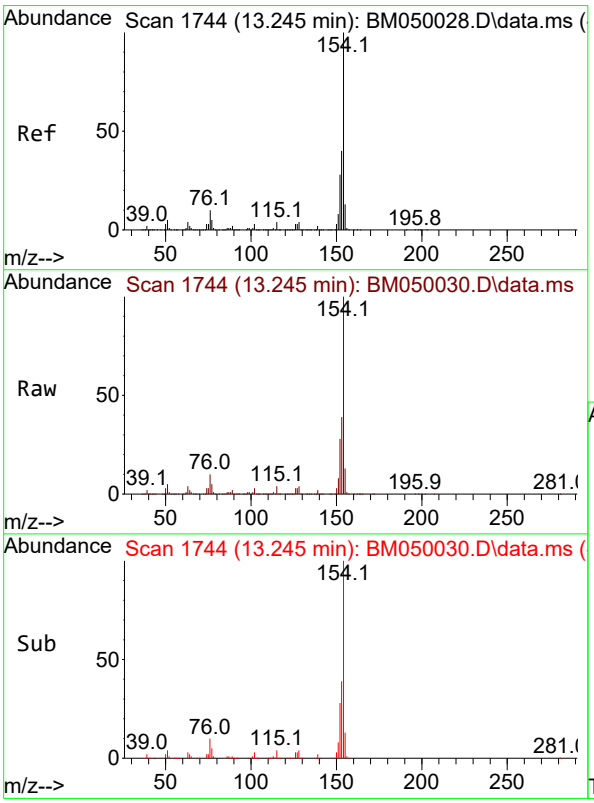
#45
2-Fluorobiphenyl
Concen: 123.782 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 6079094

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.2	18.6	28.0

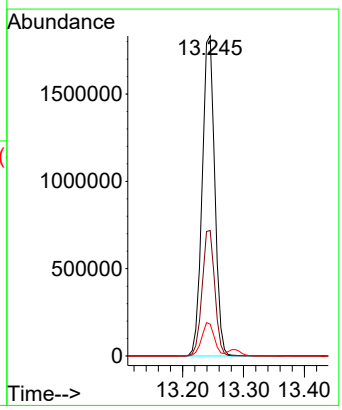


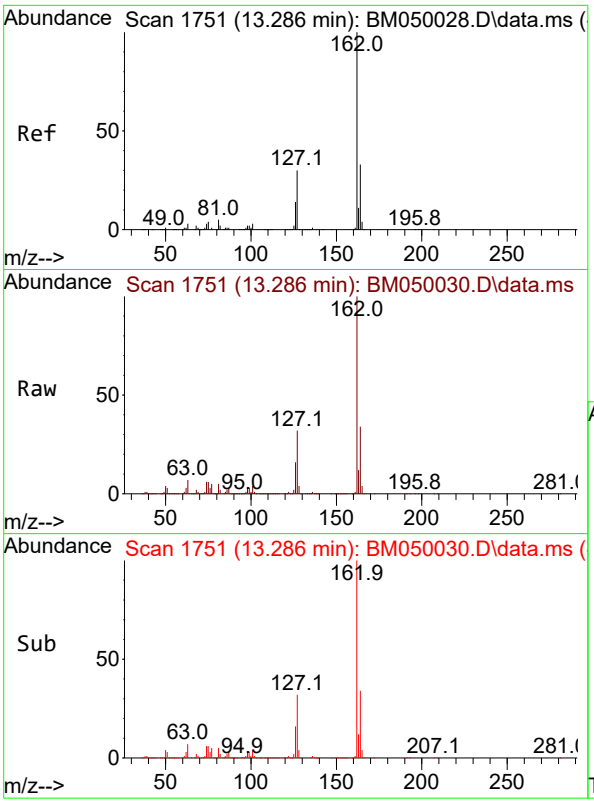


#46
1,1'-Biphenyl
Concen: 60.817 ng
RT: 13.245 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:154 Resp: 2626494

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.0	60.0
76	9.9	0.0	30.3



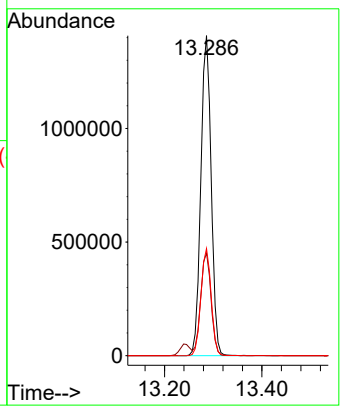


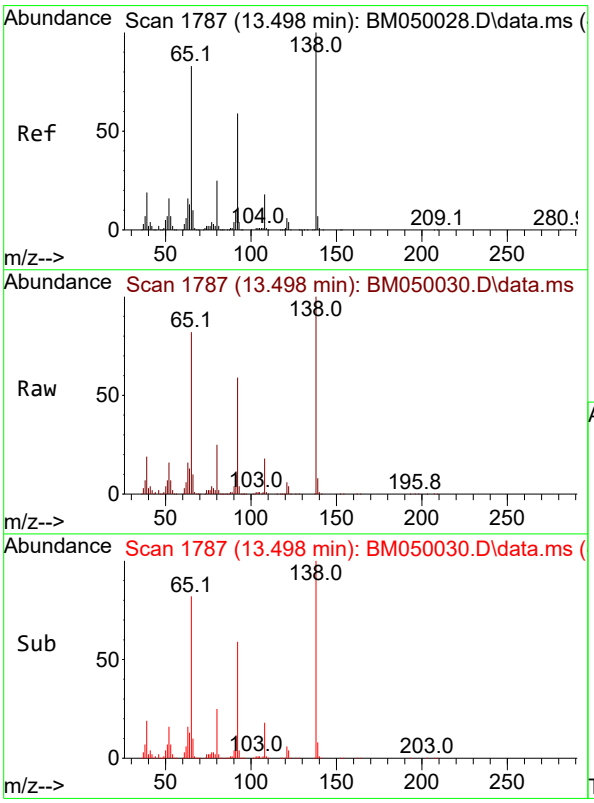
#47
2-Chloronaphthalene
Concen: 60.760 ng
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 2078242

Ion	Ratio	Lower	Upper
162	100		
127	32.1	25.9	38.9
164	33.5	26.6	40.0

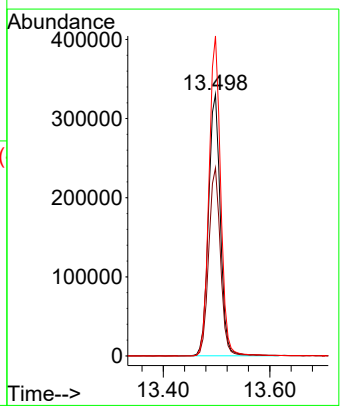


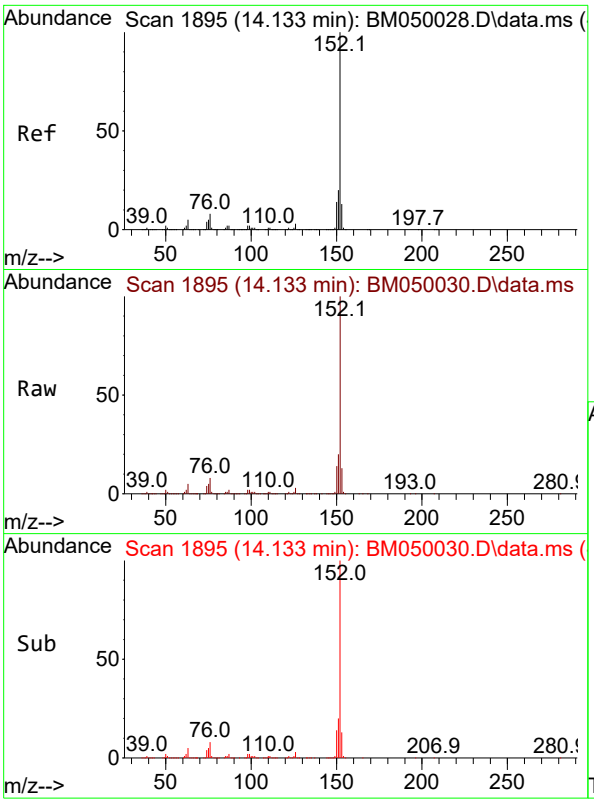


#48
2-Nitroaniline
Concen: 63.847 ng
RT: 13.498 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 65 Resp: 512544

Ion	Ratio	Lower	Upper
65	100		
92	71.9	57.1	85.7
138	122.3	97.0	145.4



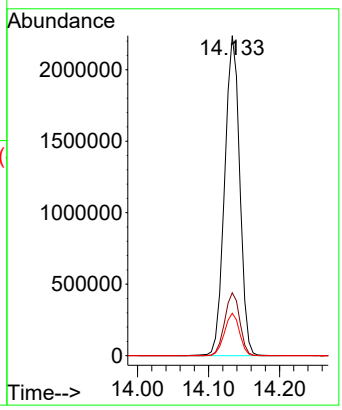


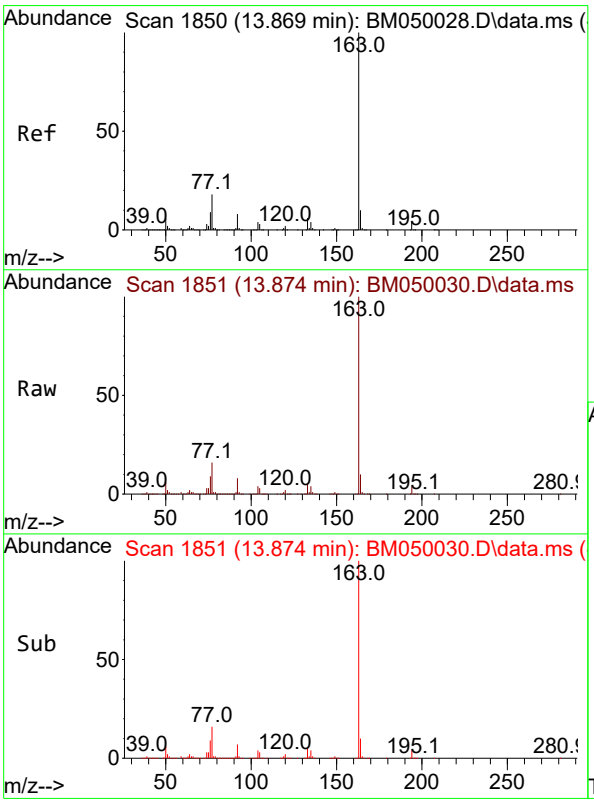
#49
Acenaphthylene
Concen: 61.060 ng
RT: 14.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 3292902

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.2	10.6	15.8

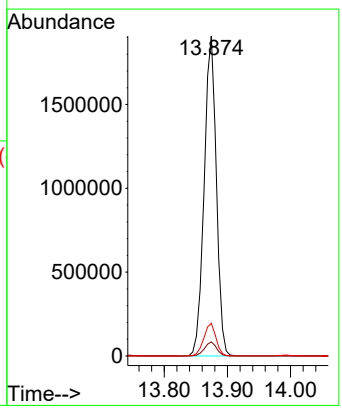


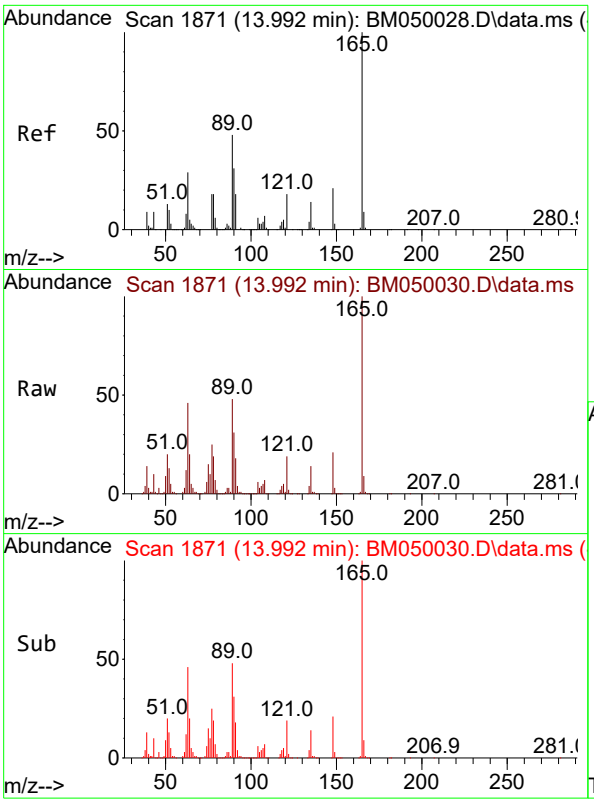


#50
Dimethylphthalate
Concen: 60.347 ng
RT: 13.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:163 Resp: 2562233

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.2	12.2



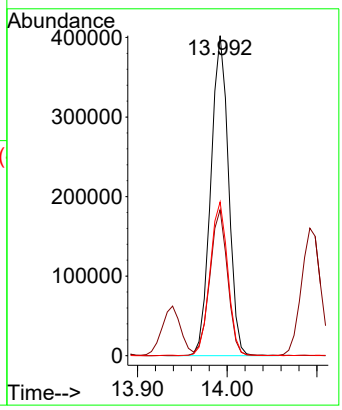


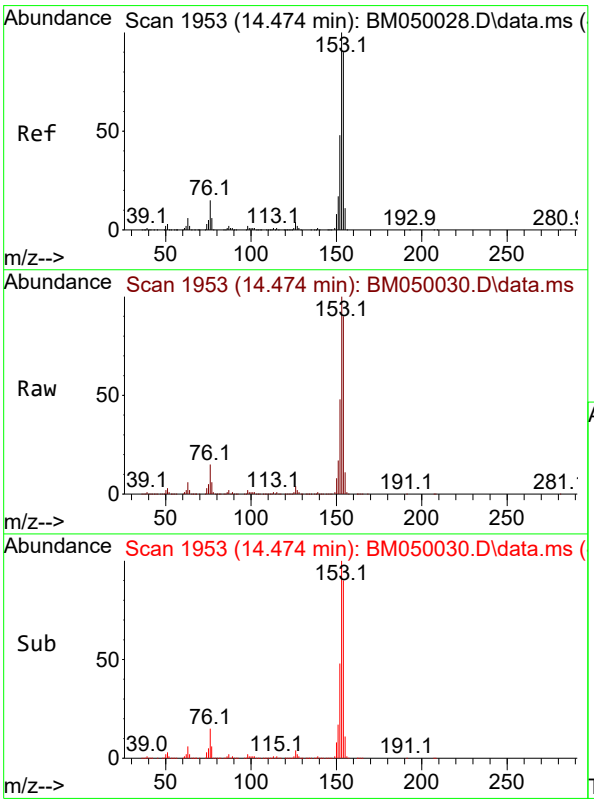
#51
2,6-Dinitrotoluene
Concen: 62.732 ng
RT: 13.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 551466

Ion	Ratio	Lower	Upper
165	100		
63	45.6	35.1	52.7
89	48.1	38.4	57.6

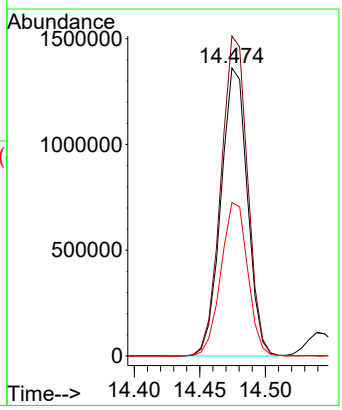


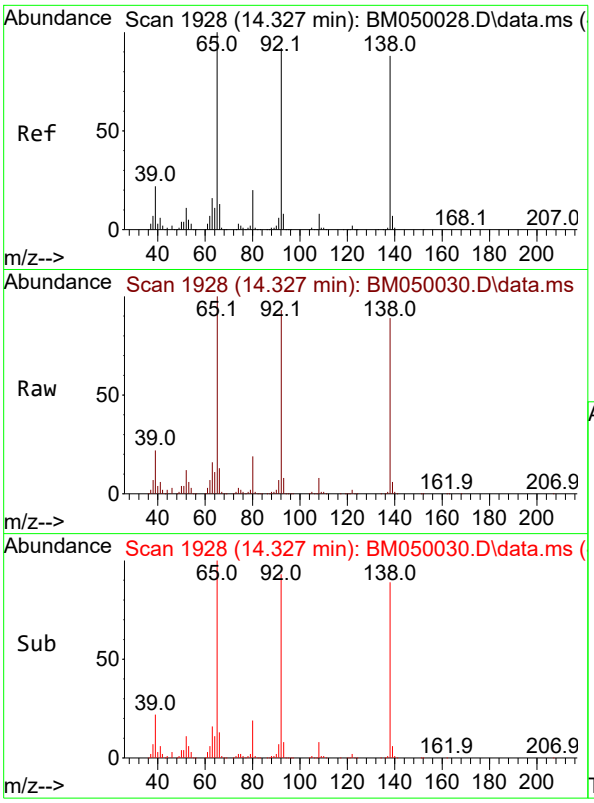


#52
Acenaphthene
Concen: 61.089 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:154 Resp: 1906973

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.0	133.4
152	53.3	43.0	64.6



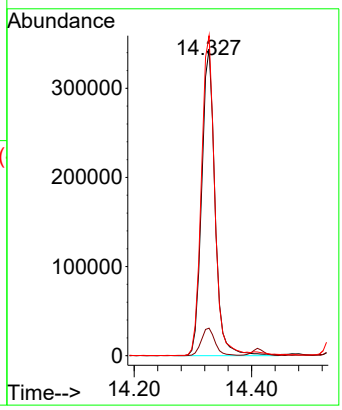


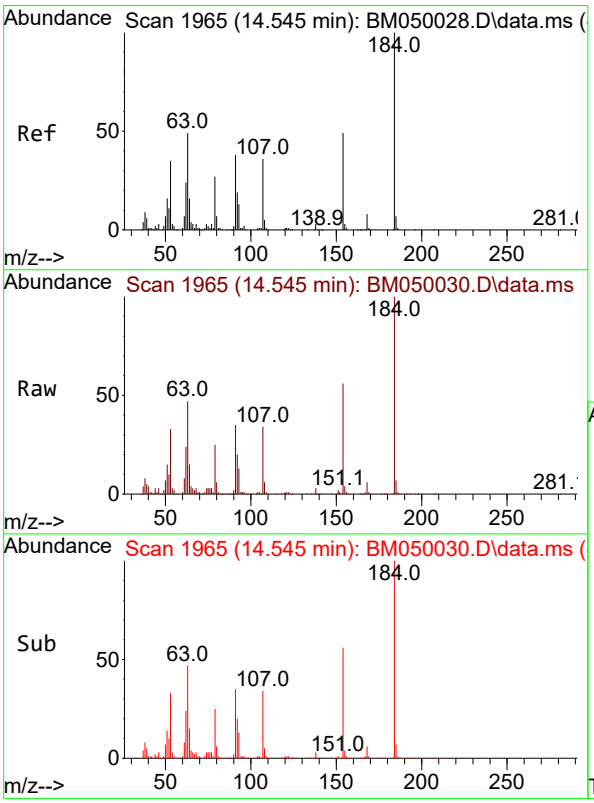
#53
3-Nitroaniline
Concen: 64.574 ng
RT: 14.327 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 541960

Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.4	11.2
92	104.3	84.0	126.0

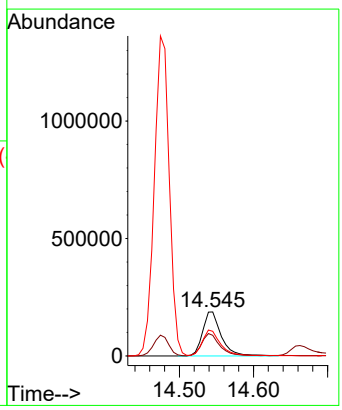


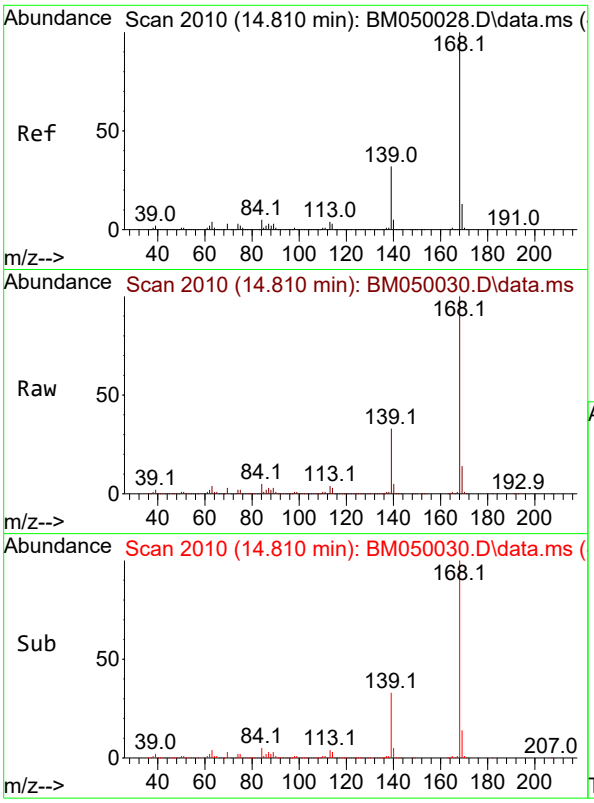


#54
2,4-Dinitrophenol
Concen: 59.847 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:184 Resp: 327924

Ion	Ratio	Lower	Upper
184	100		
63	46.9	39.8	59.6
154	56.0	46.1	69.1



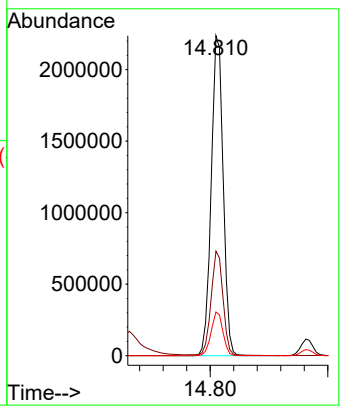


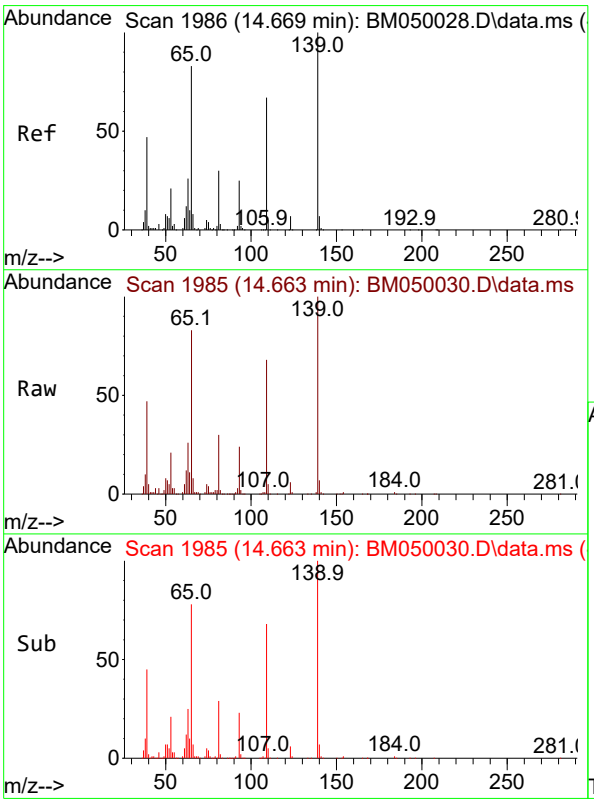
#55
Dibenzofuran
Concen: 60.738 ng
RT: 14.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 3154566

Ion	Ratio	Lower	Upper
168	100		
139	32.6	26.1	39.1
169	13.6	10.8	16.2

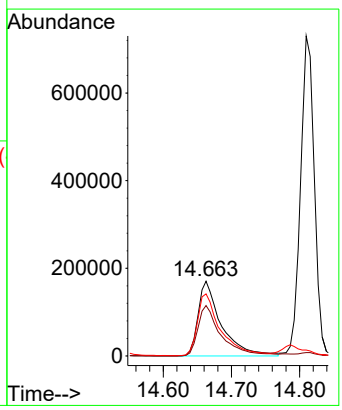


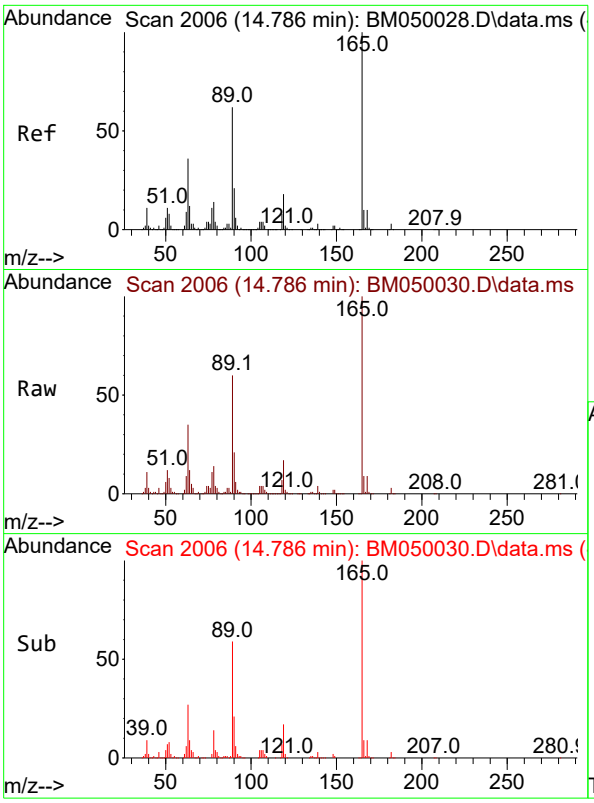


#56
4-Nitrophenol
Concen: 60.088 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:139 Resp: 402106

Ion	Ratio	Lower	Upper
139	100		
109	67.5	47.0	87.0
65	83.0	64.3	104.3



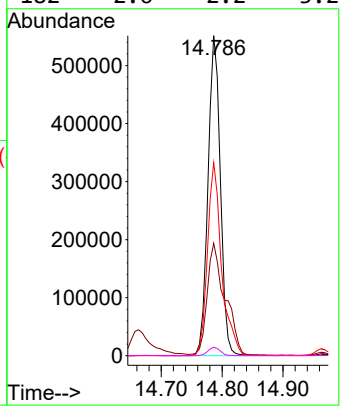


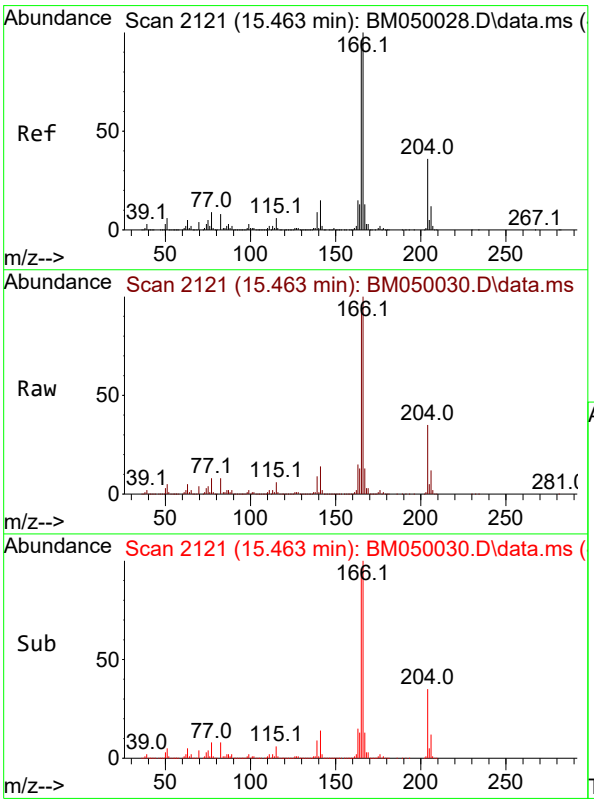
#57
2,4-Dinitrotoluene
Concen: 64.180 ng
RT: 14.786 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 779604

Ion	Ratio	Lower	Upper
165	100		
63	35.1	29.0	43.6
89	60.3	49.4	74.2
182	2.6	2.2	3.2

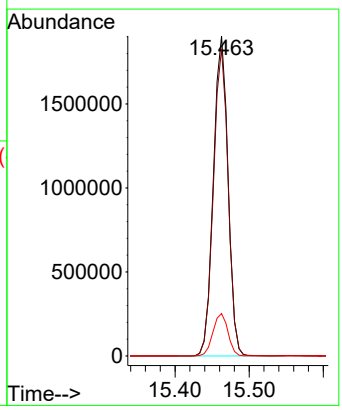


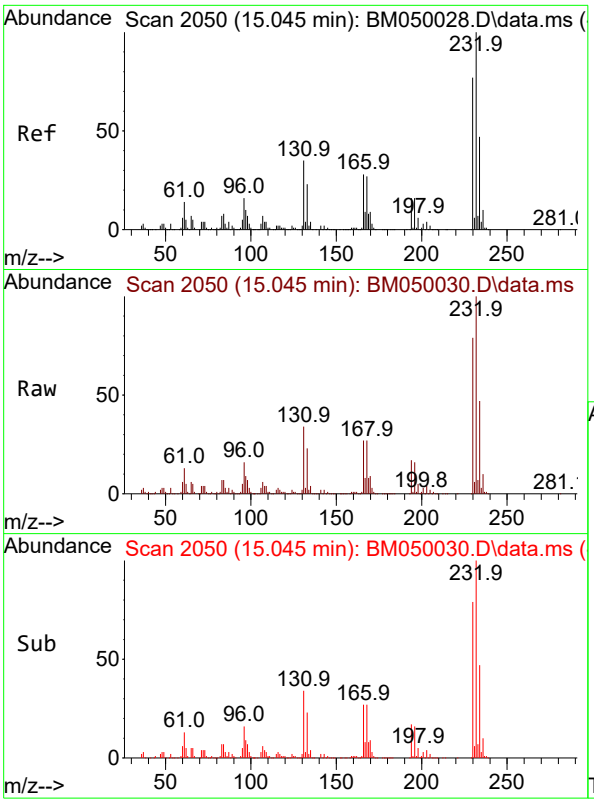


#58
Fluorene
Concen: 61.497 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:166 Resp: 2614340

Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.6	115.0
167	13.3	10.6	16.0



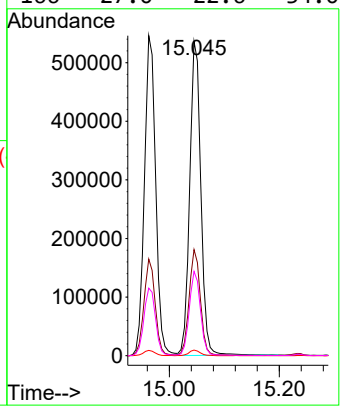


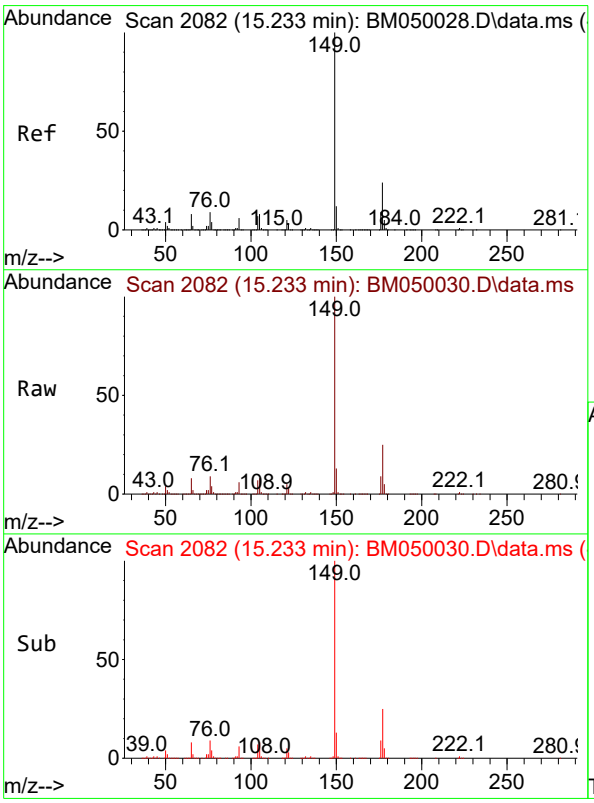
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.213 ng
RT: 15.045 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 752680

Ion	Ratio	Lower	Upper
232	100		
131	34.1	28.2	42.4
130	1.8	1.5	2.3
166	27.0	22.6	34.0

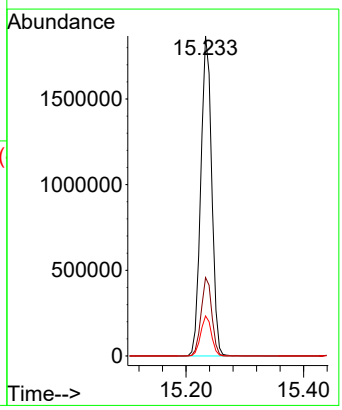


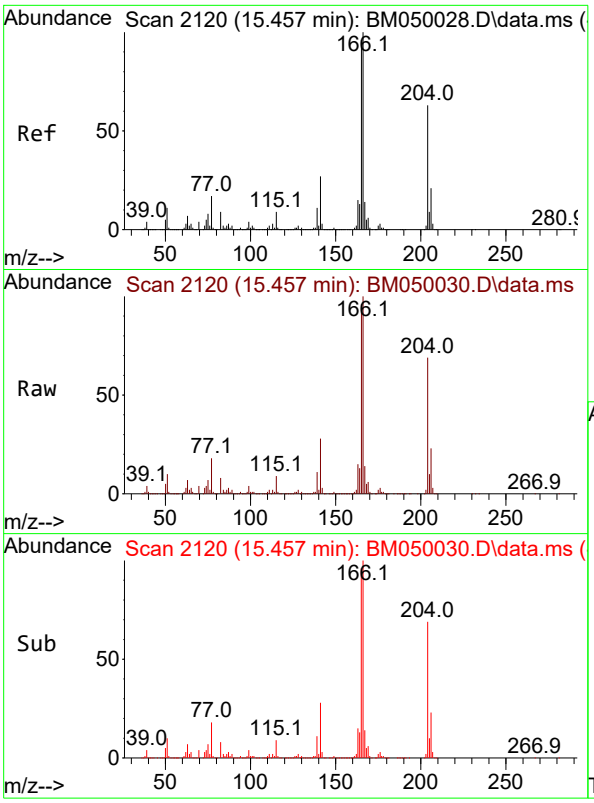


#60
Diethylphthalate
Concen: 59.930 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 2397624

Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.1	28.7
150	12.5	9.6	14.4



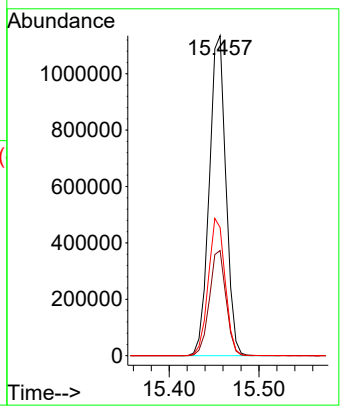


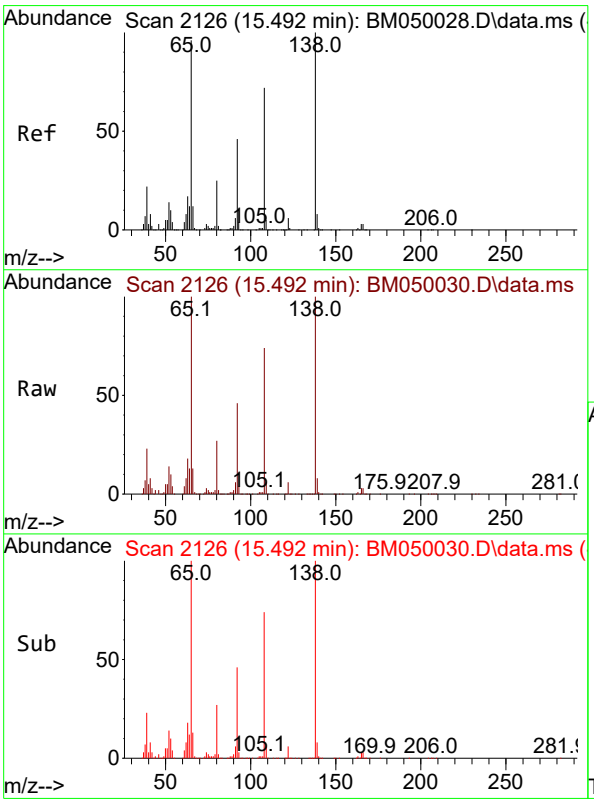
#61
4-Chlorophenyl-phenylether
Concen: 62.403 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 1457099

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	40.0	34.0	51.0

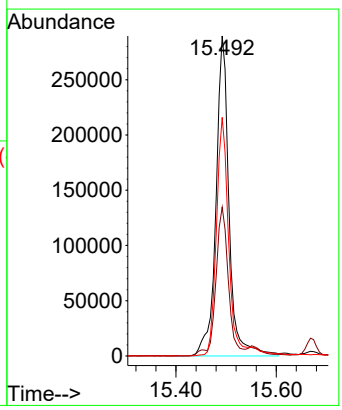


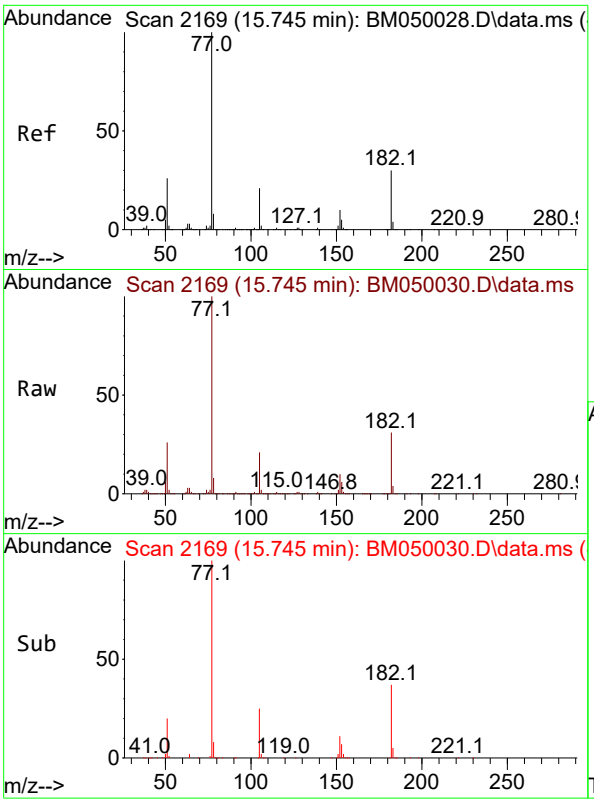


#62
4-Nitroaniline
Concen: 64.776 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:138 Resp: 524887

Ion	Ratio	Lower	Upper
138	100		
92	46.5	25.9	65.9
108	74.6	52.4	92.4



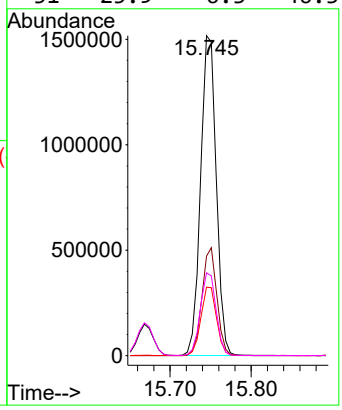


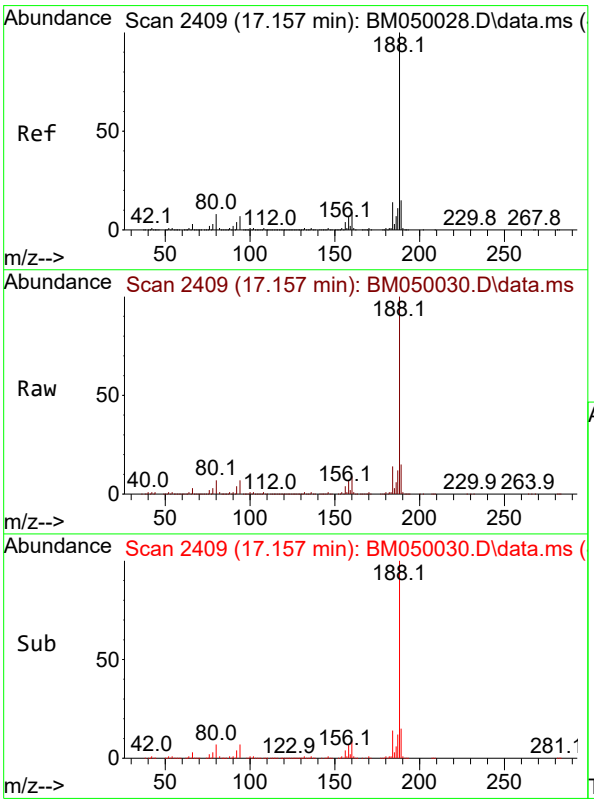
#63
Azobenzene
Concen: 60.550 ng
RT: 15.745 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 2030208

Ion	Ratio	Lower	Upper
77	100		
182	31.1	10.5	50.5
105	21.4	1.1	41.1
51	25.9	6.3	46.3

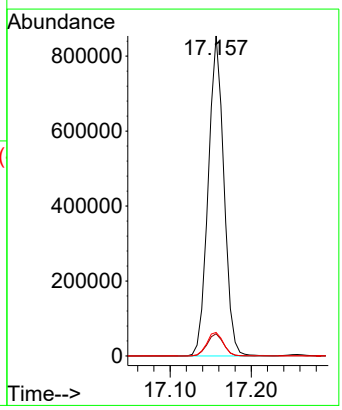


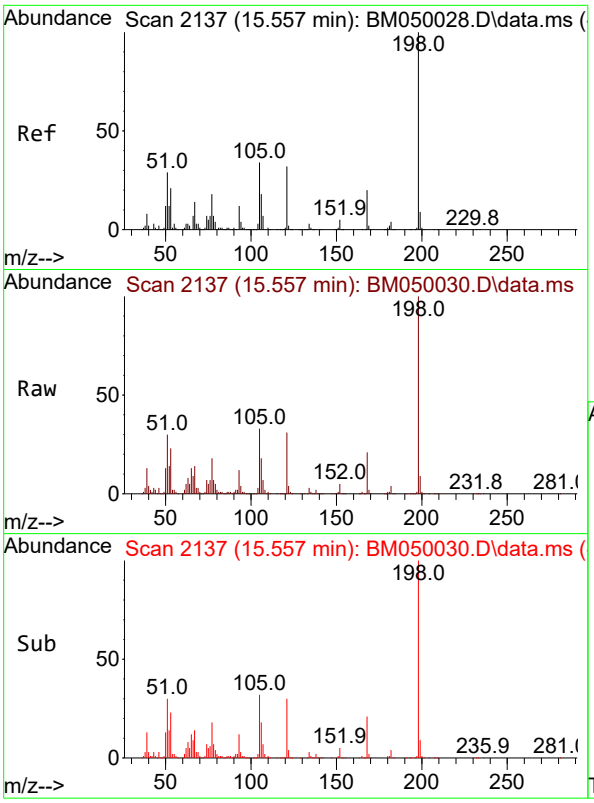


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:188 Resp: 1144389

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	7.3	6.2	9.4



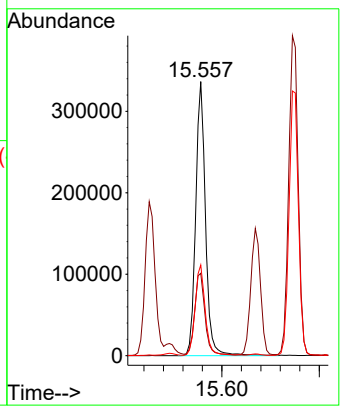


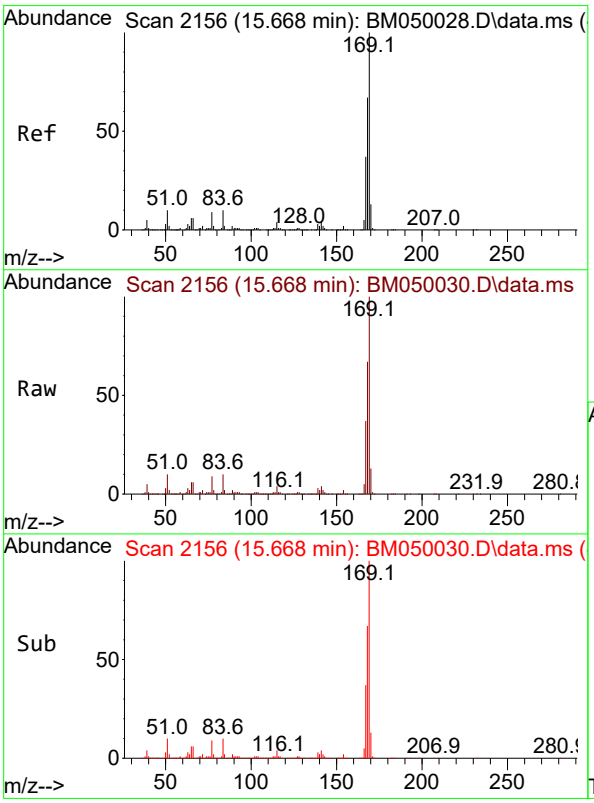
#65
4,6-Dinitro-2-methylphenol
Concen: 66.167 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 473987

Ion	Ratio	Lower	Upper
198	100		
51	30.1	10.4	50.4
105	33.1	14.6	54.6

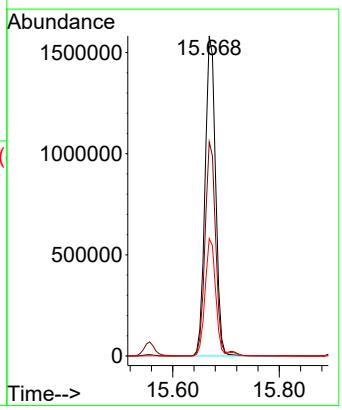


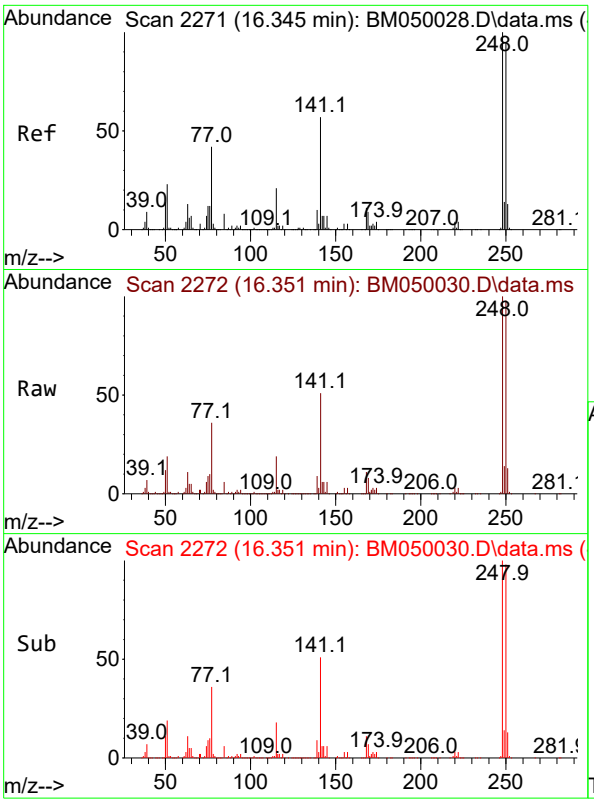


#66
n-Nitrosodiphenylamine
Concen: 61.422 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:169 Resp: 2158446

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.2
167	36.6	29.4	44.0



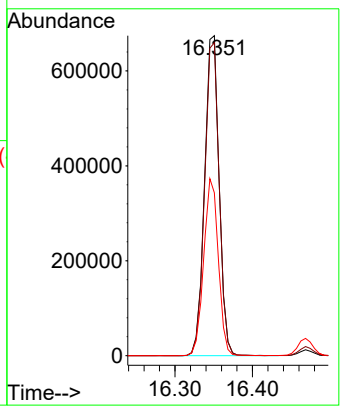


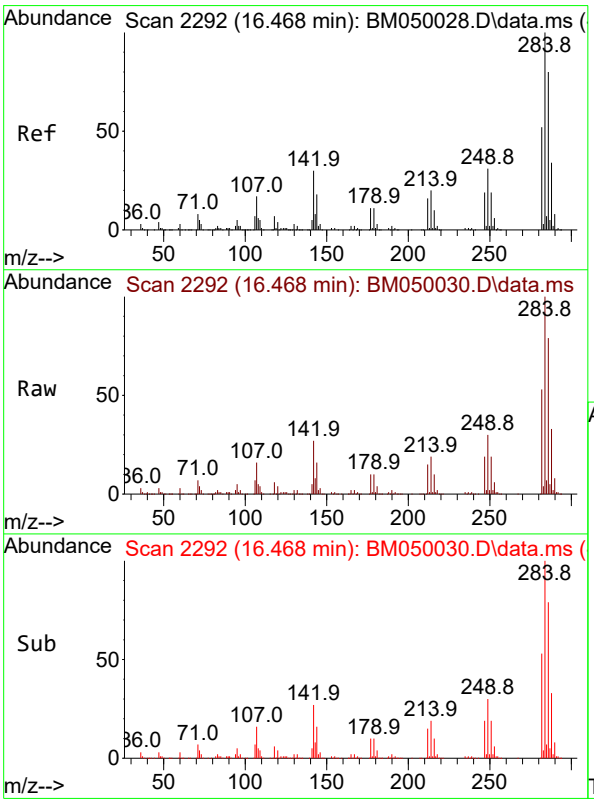
#67
4-Bromophenyl-phenylether
Concen: 63.509 ng
RT: 16.351 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 878886

Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.2	114.2
141	50.9	45.9	68.9

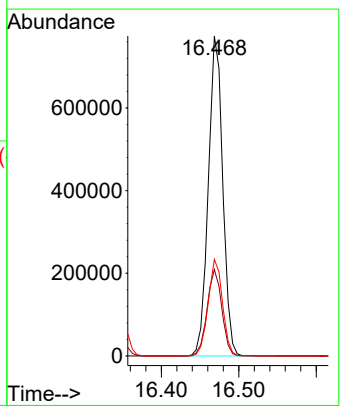


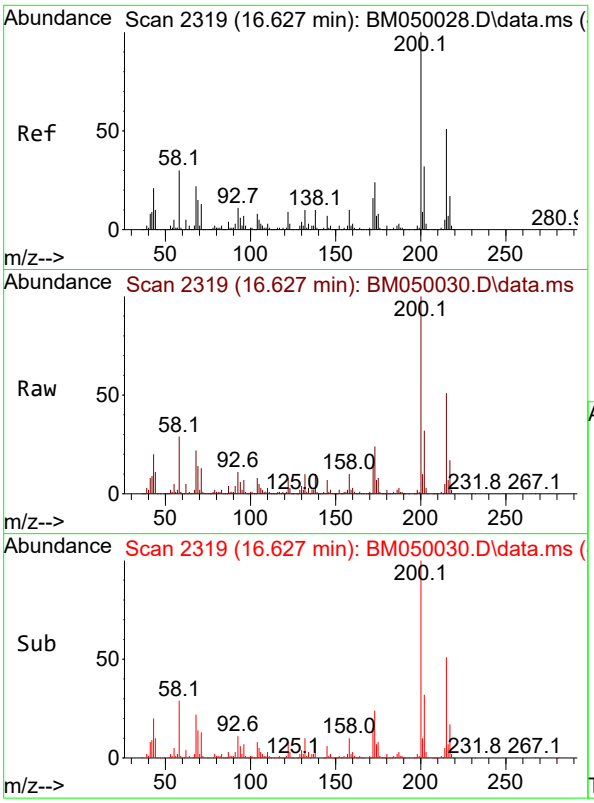


#68
Hexachlorobenzene
Concen: 62.711 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:284 Resp: 1000366

Ion	Ratio	Lower	Upper
284	100		
142	27.0	23.9	35.9
249	30.2	24.5	36.7



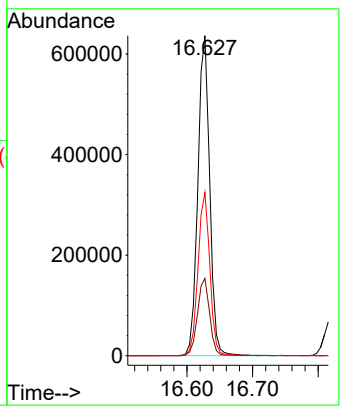


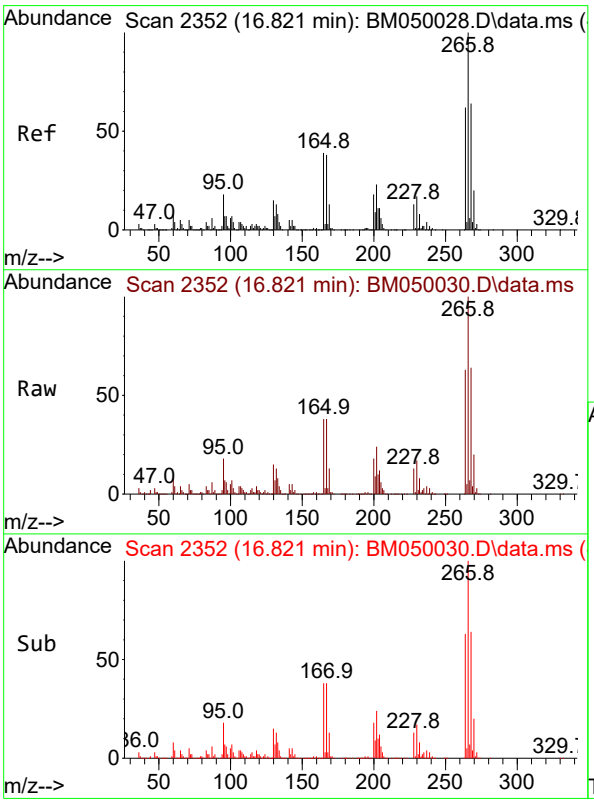
#69
Atrazine
Concen: 63.312 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 802538

Ion	Ratio	Lower	Upper
200	100		
173	24.2	4.3	44.3
215	51.0	30.6	70.6

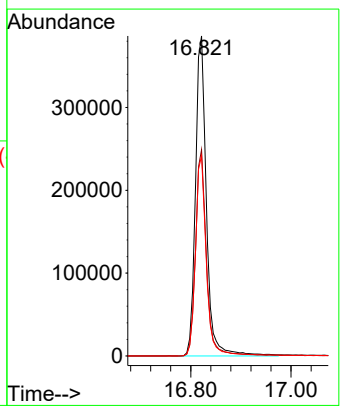


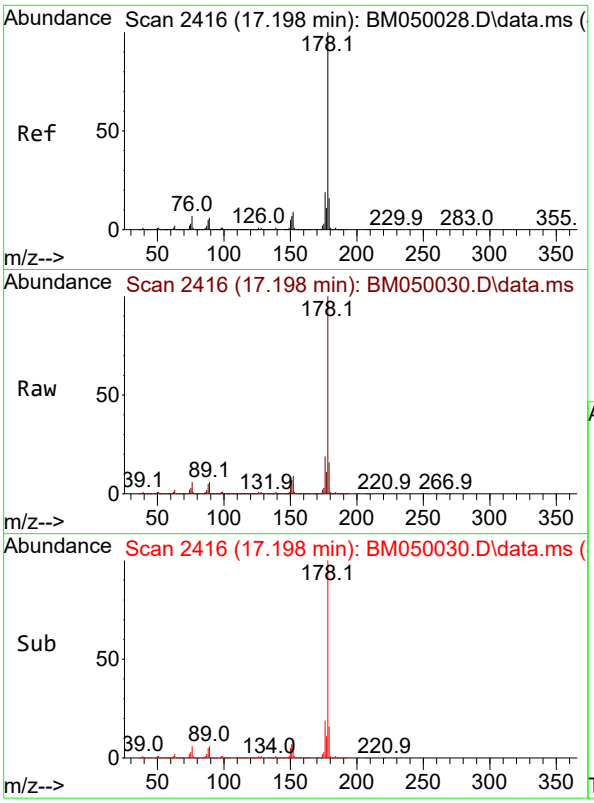


#70
Pentachlorophenol
Concen: 65.136 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:266 Resp: 584874

Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.2	76.8
264	62.6	49.6	74.4



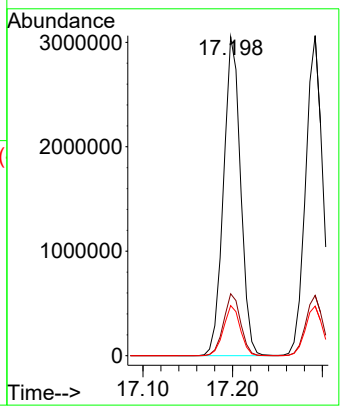


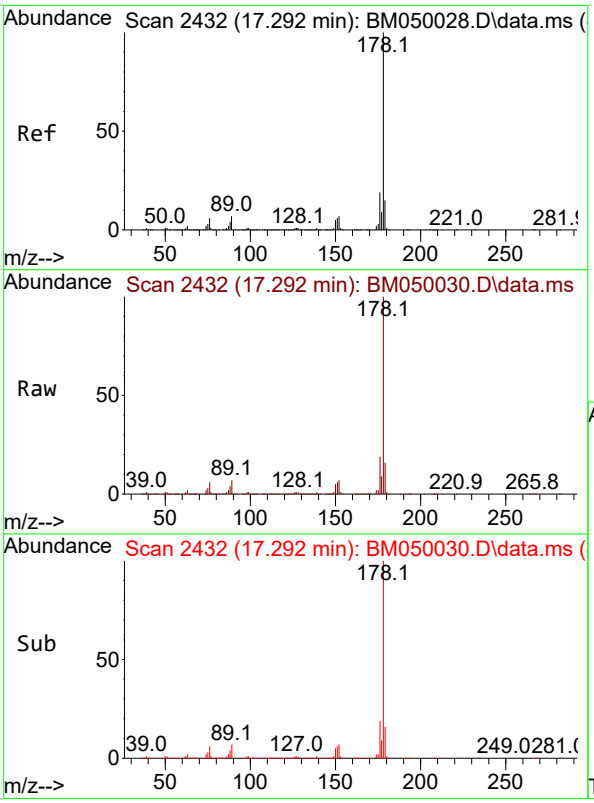
#71
Phenanthrene
Concen: 62.410 ng
RT: 17.198 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 4028280

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.7	12.4	18.6

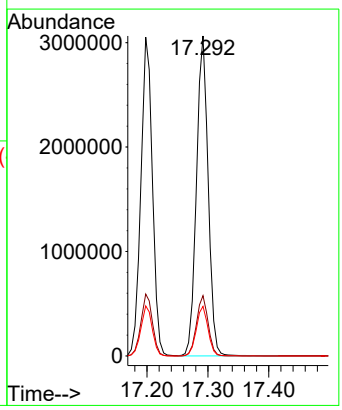


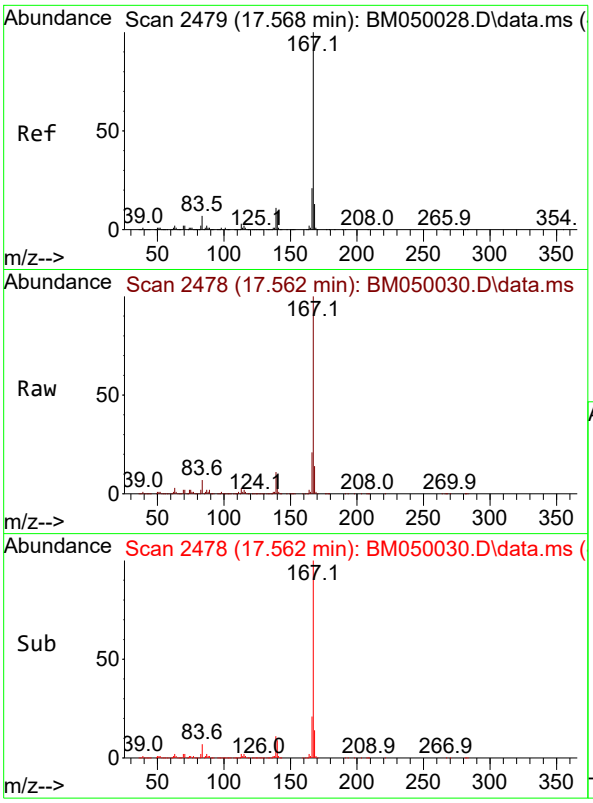


#72
Anthracene
Concen: 62.590 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:178 Resp: 4088295

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.2	18.4



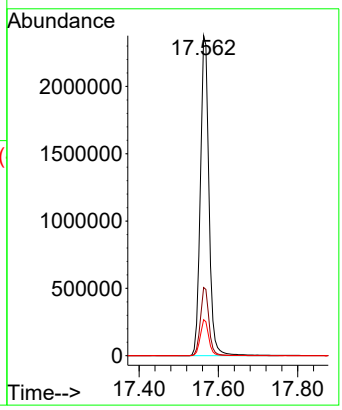


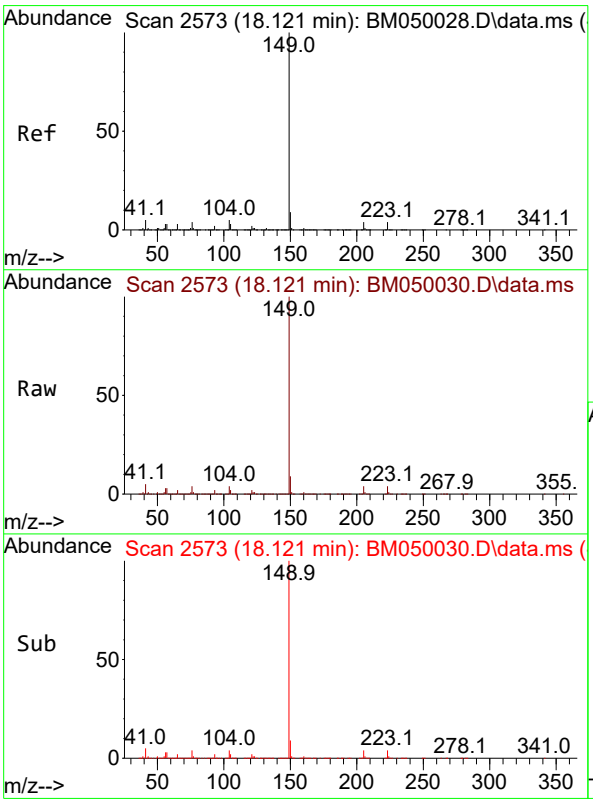
#73
Carbazole
Concen: 62.854 ng
RT: 17.562 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 3562573

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	11.3	9.0	13.6

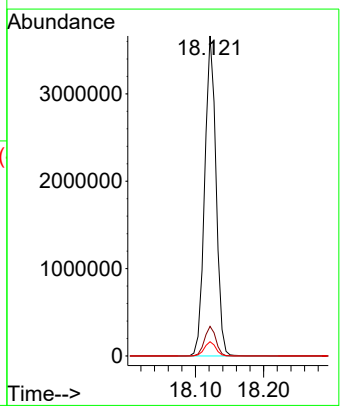


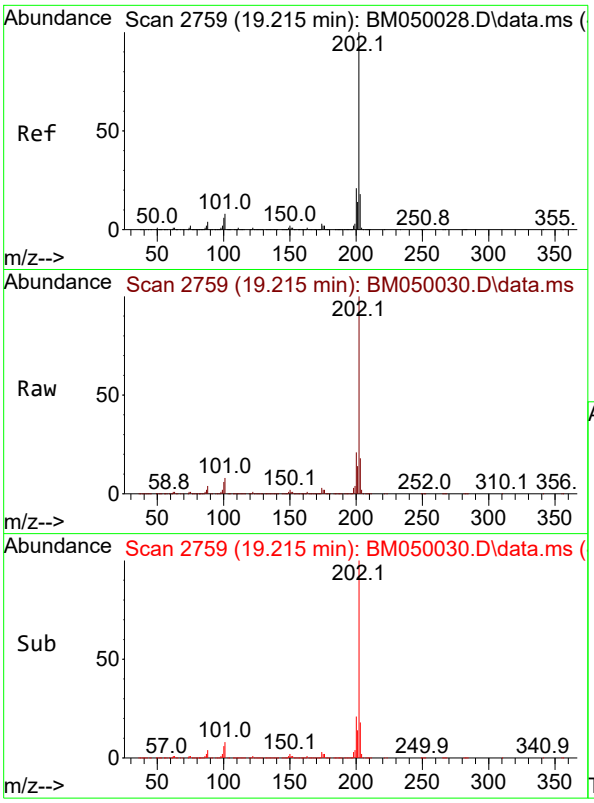


#74
Di-n-butylphthalate
Concen: 62.607 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 4225922

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.8	5.6



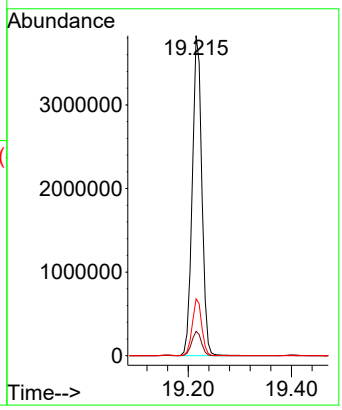


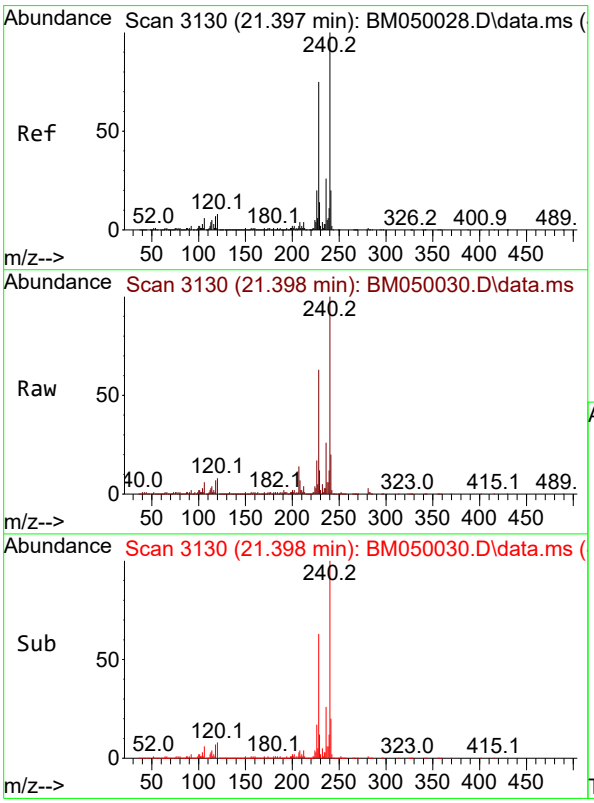
#75
Fluoranthene
Concen: 64.546 ng
RT: 19.215 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 4891273

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.0
203	17.8	0.0	37.7

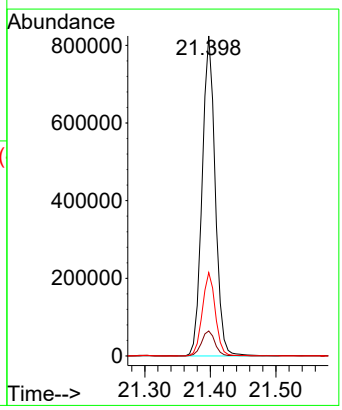


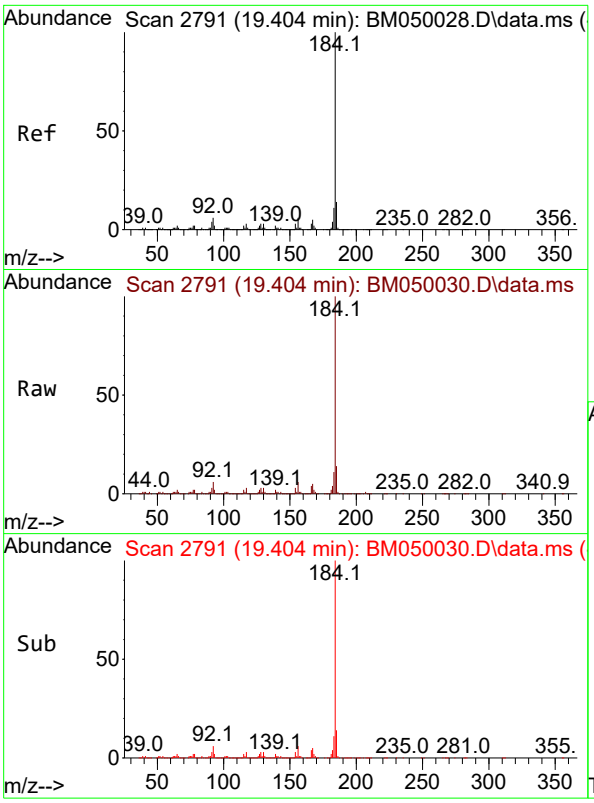


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:240 Resp: 1144881

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.5	9.7
236	26.1	20.9	31.3



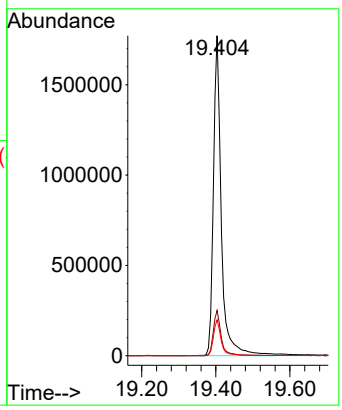


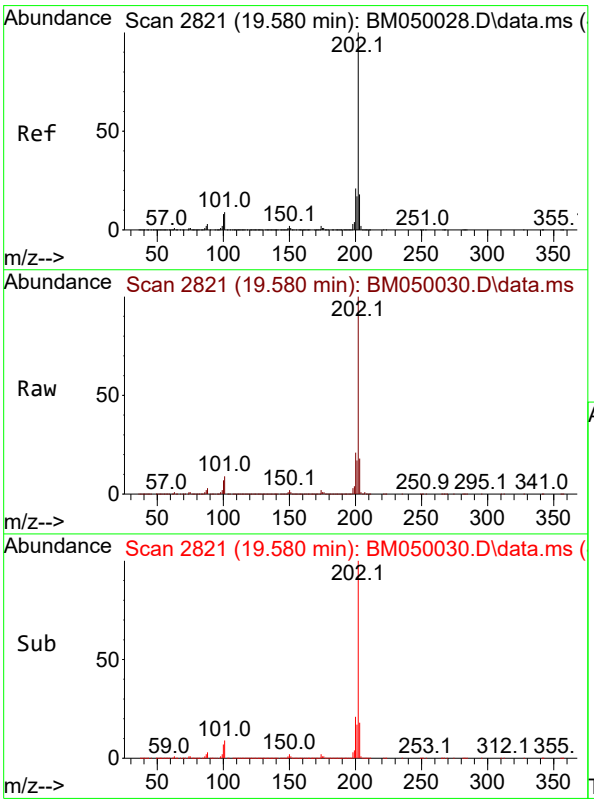
#77
Benzidine
Concen: 64.592 ng
RT: 19.404 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 2626747

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.2	8.9	13.3

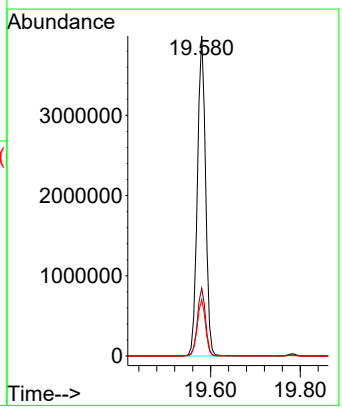


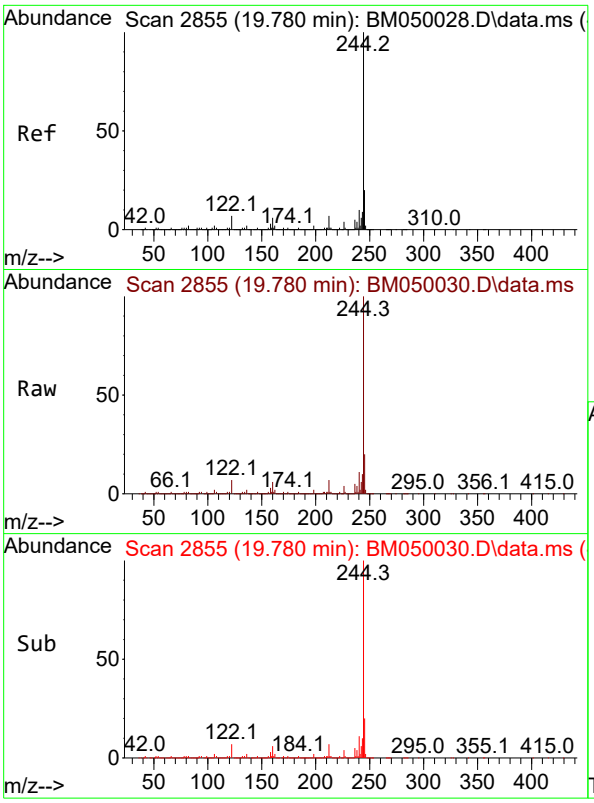


#78
Pyrene
Concen: 62.565 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:202 Resp: 5030035

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.6	14.1	21.1



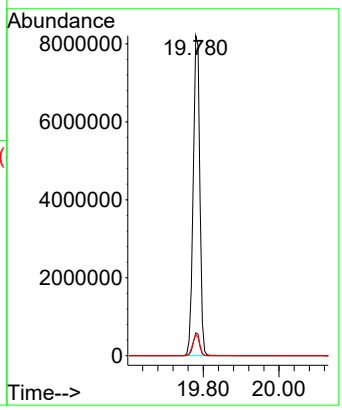


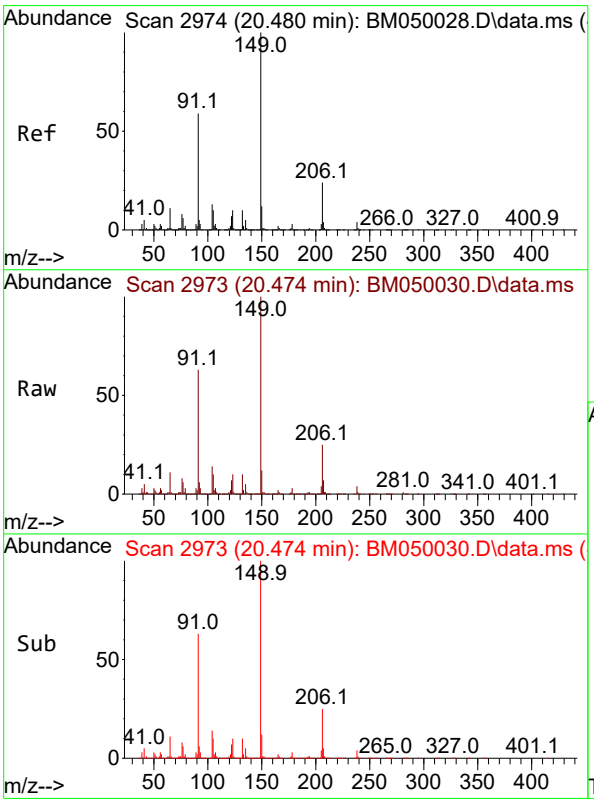
#79
Terphenyl-d14
Concen: 129.471 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp:10017186

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	6.6	5.6	8.4

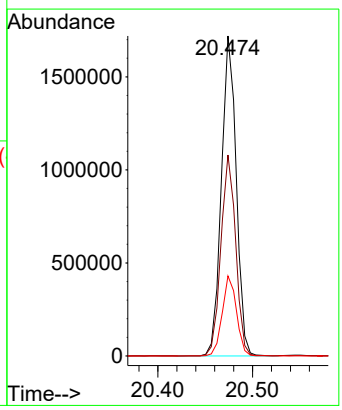


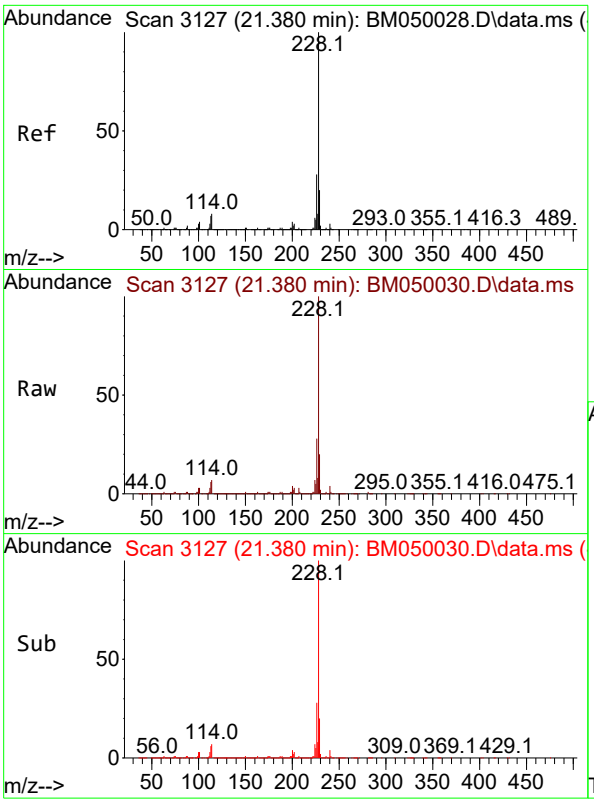


#80
Butylbenzylphthalate
Concen: 62.216 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 1873444

Ion	Ratio	Lower	Upper
149	100		
91	62.8	47.4	71.2
206	25.0	19.4	29.0



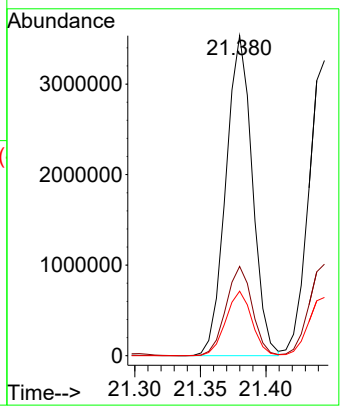


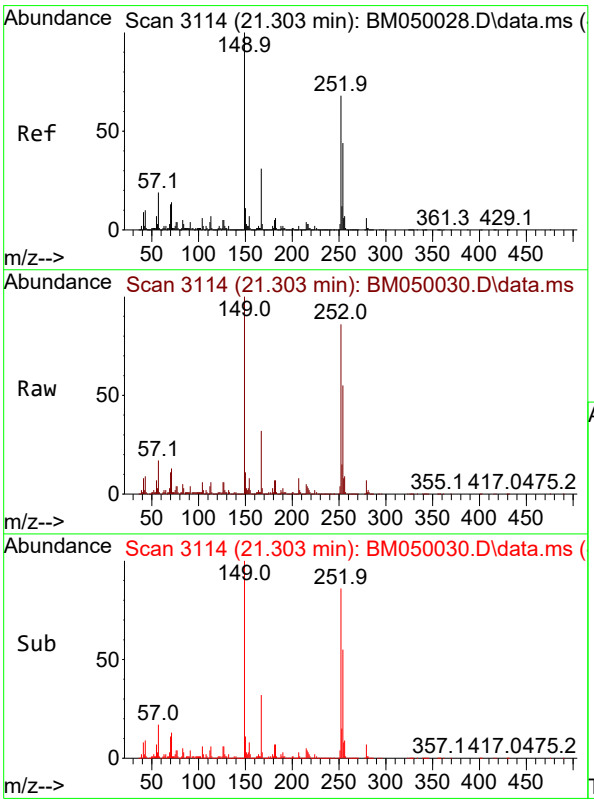
#81
Benzo(a)anthracene
Concen: 62.841 ng
RT: 21.380 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 4954357

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	20.2	15.7	23.5

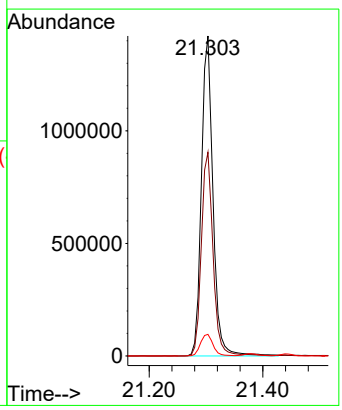


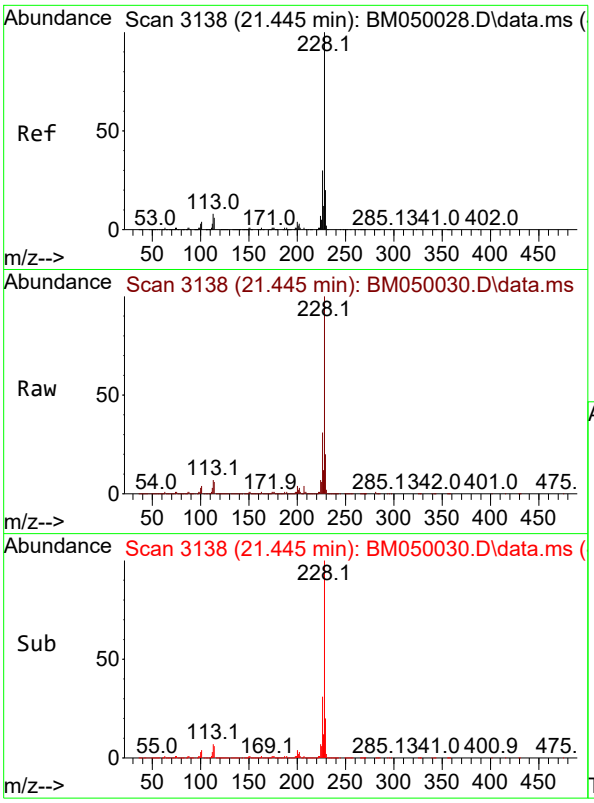


#82
3,3'-Dichlorobenzidine
Concen: 66.368 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 2003019

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.8	77.6
126	6.7	6.0	9.0



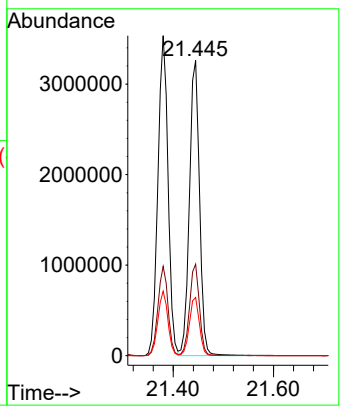


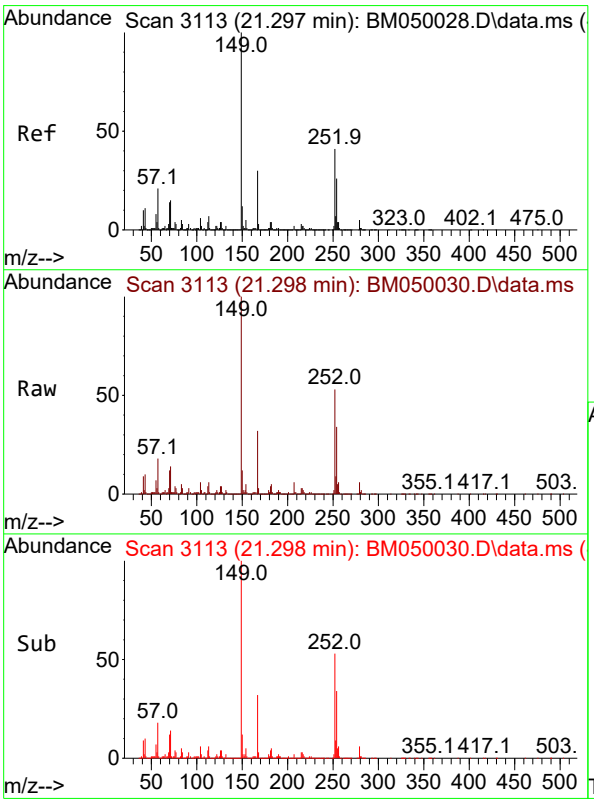
#83
Chrysene
Concen: 62.348 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 4549388

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	19.7	15.7	23.5

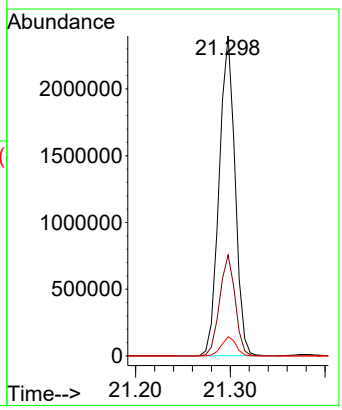


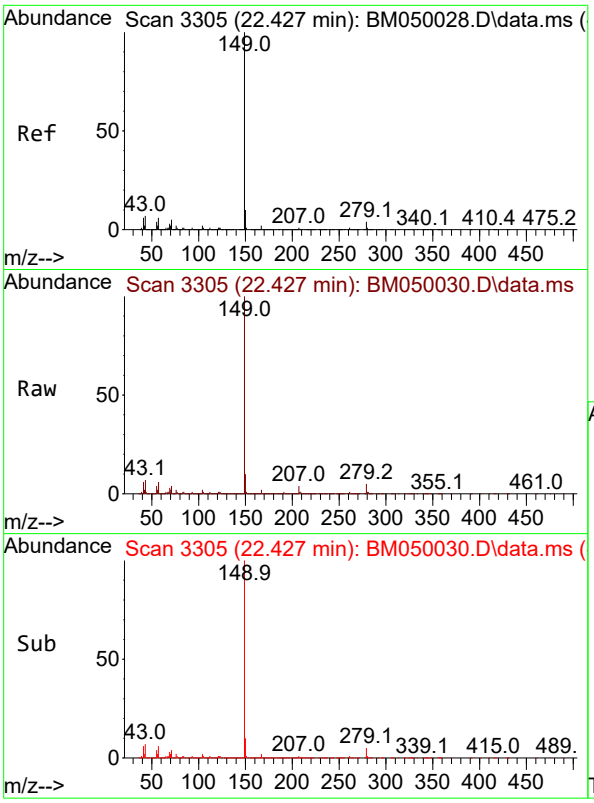


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.192 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 2797195

Ion	Ratio	Lower	Upper
149	100		
167	31.6	24.1	36.1
279	6.0	3.9	5.9#



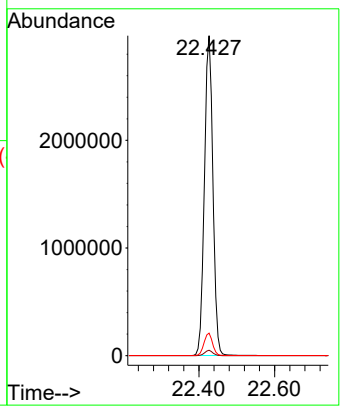


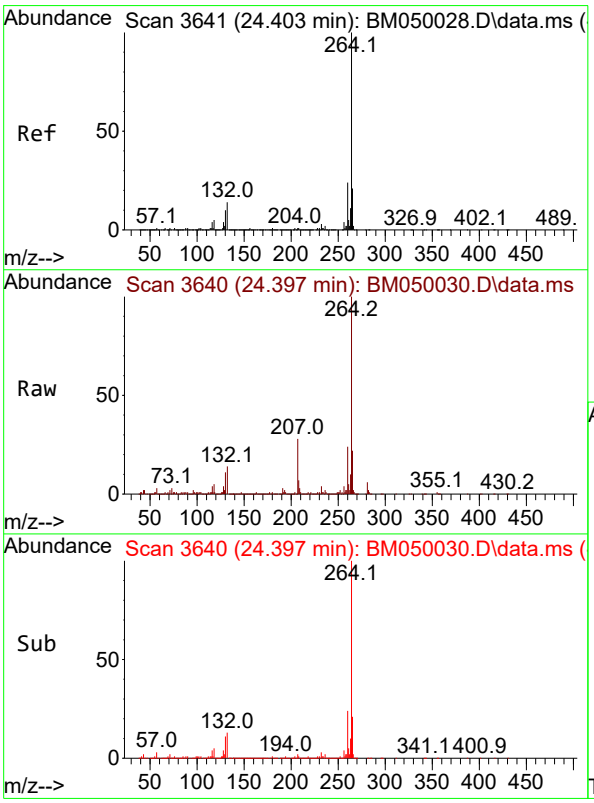
#85
Di-n-octyl phthalate
Concen: 62.095 ng
RT: 22.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 4605837

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.1	5.8	8.8

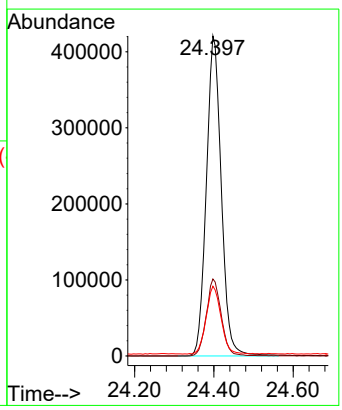


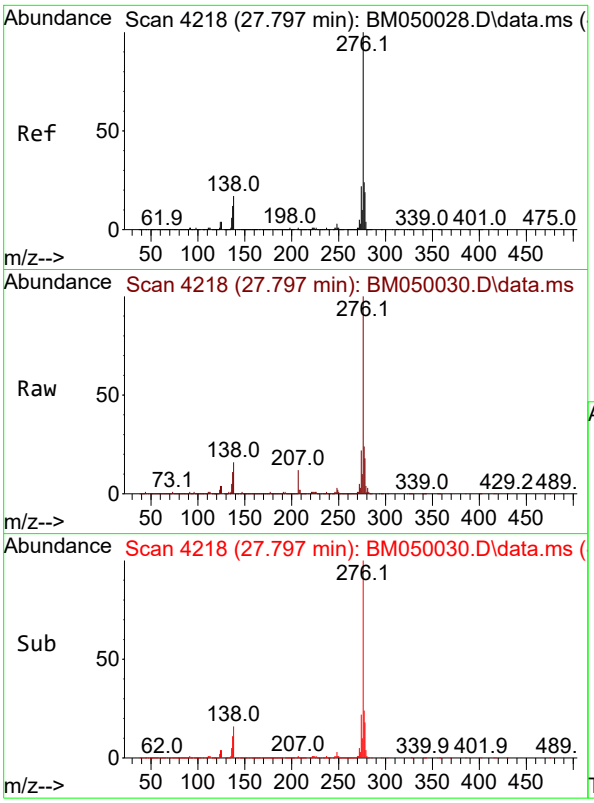


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:264 Resp: 1099459

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.8	17.0	25.4



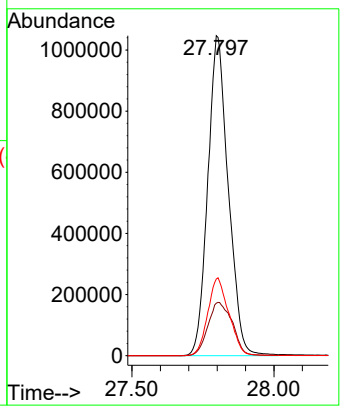


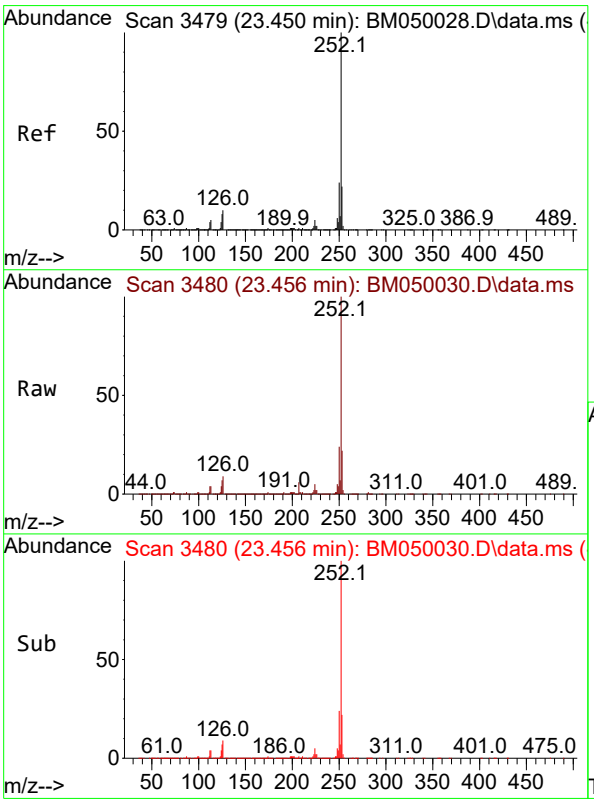
#87
Indeno(1,2,3-cd)pyrene
Concen: 64.068 ng
RT: 27.797 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 5248662

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.4	24.6
277	25.1	19.8	29.8

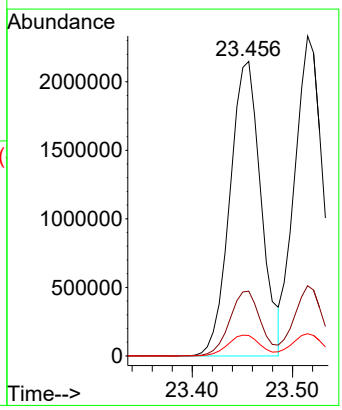


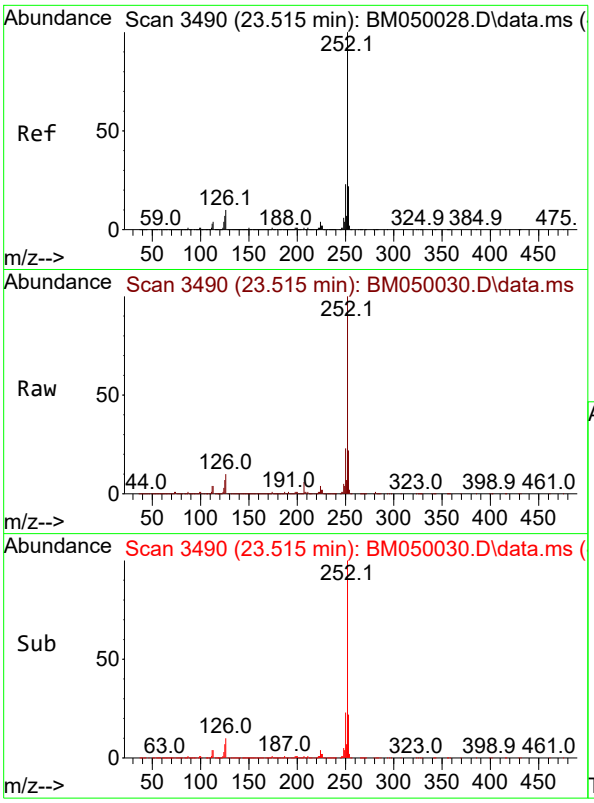


#88
Benzo(b)fluoranthene
Concen: 64.936 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 4643026

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	6.9	6.1	9.1



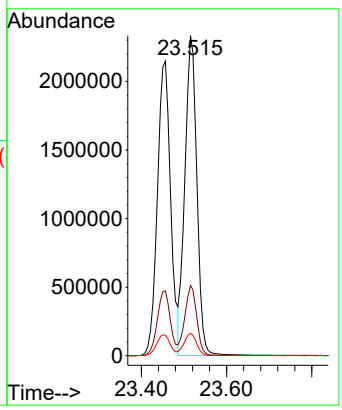


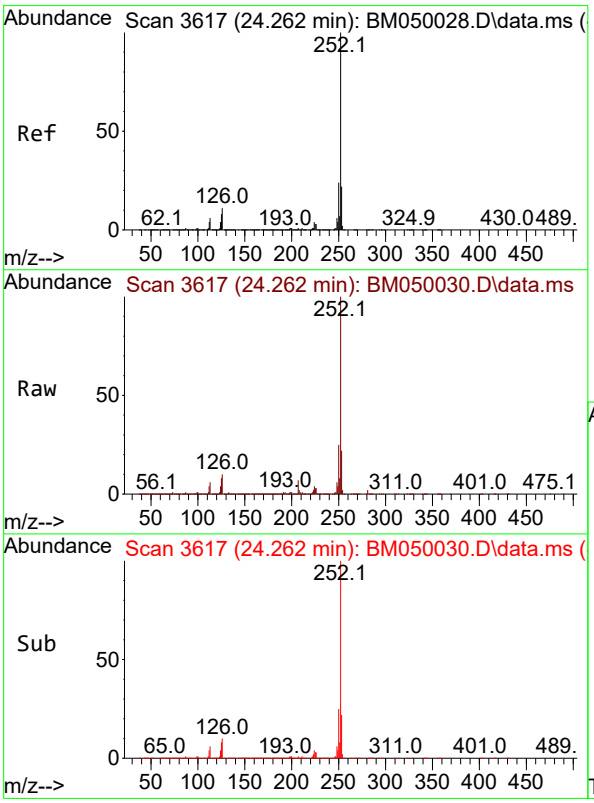
#89
Benzo(k)fluoranthene
Concen: 63.050 ng
RT: 23.515 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 4561134

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	7.0	5.8	8.8

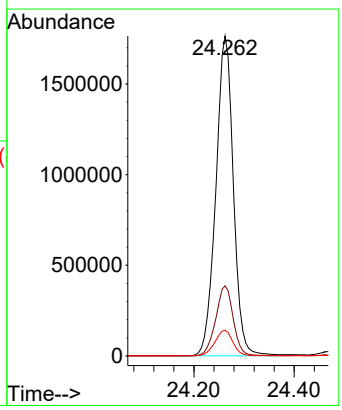


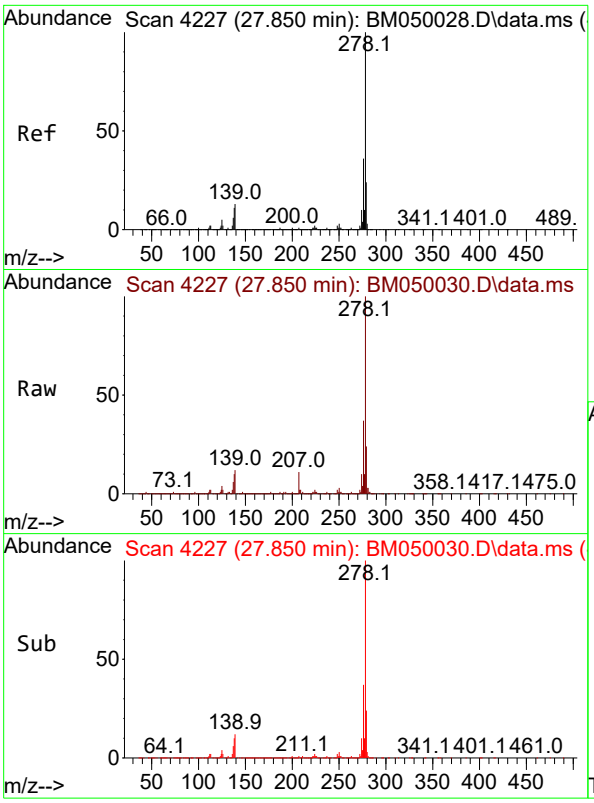


#90
Benzo(a)pyrene
Concen: 63.936 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 4281665

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	8.0	6.6	9.8



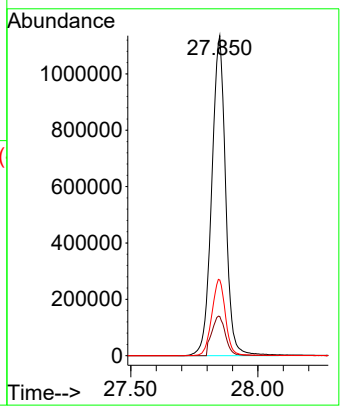


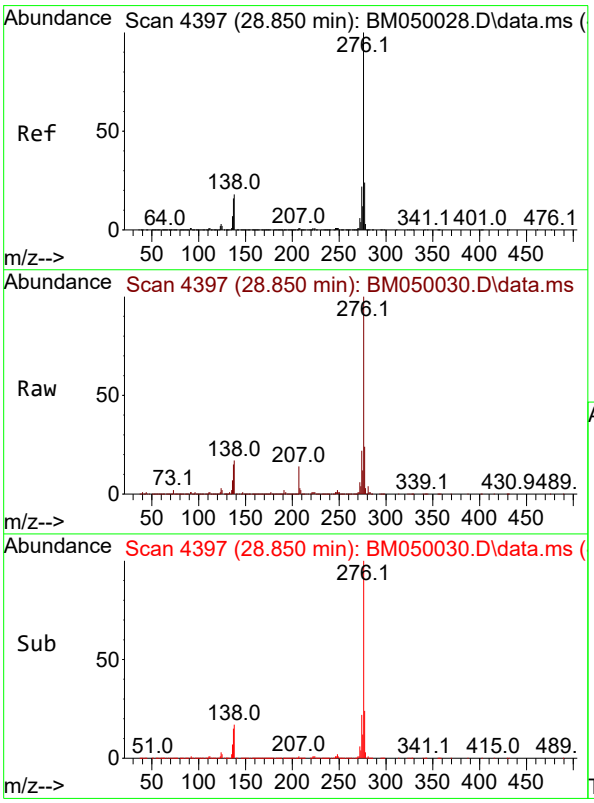
#91
Dibenzo(a,h)anthracene
Concen: 64.478 ng
RT: 27.850 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 4305928

Ion	Ratio	Lower	Upper
278	100		
139	12.3	10.5	15.7
279	23.6	19.4	29.0

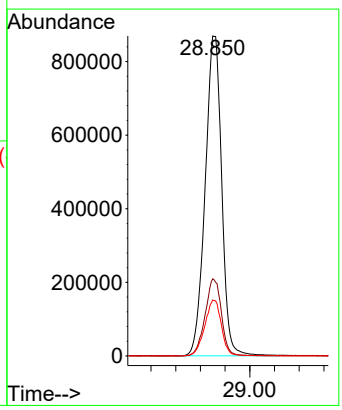




#92
Benzo(g,h,i)perylene
Concen: 63.142 ng
RT: 28.850 min Scan# 4397
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:276 Resp: 4036958

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	17.5	14.3	21.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	251380	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	931435	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	613490	20.000	ng		0.00
64) Phenanthrene-d10	17.156	188	1212251	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1197780	20.000	ng		0.00
86) Perylene-d12	24.397	264	1141905	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2297313	160.027	ng		0.00
7) Phenol-d6	6.957	99	2954036	163.719	ng		0.00
23) Nitrobenzene-d5	8.933	82	2984192	157.875	ng		0.00
42) 2,4,6-Tribromophenol	15.909	330	1586083	174.847	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	8283812	159.736	ng		0.00
79) Terphenyl-d14	19.780	244	11877110	146.730	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.251	88	475912	77.317	ng		99
3) Pyridine	3.657	79	1267903	80.171	ng		99
4) n-Nitrosodimethylamine	3.563	42	492501	79.400	ng		99
6) Aniline	7.098	93	1845033	80.979	ng		99
8) 2-Chlorophenol	7.339	128	1241711	79.998	ng		100
9) Benzaldehyde	6.910	77	898993	74.544	ng		99
10) Phenol	6.981	94	1491194	81.638	ng		98
11) bis(2-Chloroethyl)ether	7.192	93	1224517	80.283	ng		99
12) 1,3-Dichlorobenzene	7.657	146	1460820	77.912	ng		100
13) 1,4-Dichlorobenzene	7.804	146	1465881	77.822	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1412270	77.618	ng		99
15) Benzyl Alcohol	8.016	79	1055328	84.339	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1440484	77.694	ng		100
17) 2-Methylphenol	8.228	107	980375	81.473	ng		99
18) Hexachloroethane	8.845	117	513126	76.632	ng		98
19) n-Nitroso-di-n-propyla...	8.581	70	933468	80.665	ng		99
20) 3+4-Methylphenols	8.557	107	1348190	82.965	ng		99
22) Acetophenone	8.592	105	1815657	78.406	ng	#	99
24) Nitrobenzene	8.975	77	1289068	78.871	ng		99
25) Isophorone	9.504	82	2559279	79.430	ng		100
26) 2-Nitrophenol	9.680	139	710174	85.053	ng		99
27) 2,4-Dimethylphenol	9.751	122	1136040	82.043	ng		99
28) bis(2-Chloroethoxy)met...	9.975	93	1581985	79.437	ng		99
29) 2,4-Dichlorophenol	10.222	162	1275806	82.243	ng		99
30) 1,2,4-Trichlorobenzene	10.427	180	1485344	78.590	ng		99
31) Naphthalene	10.610	128	3686066	78.143	ng		100
32) Benzoic acid	9.951	122	800660	90.660	ng		97
33) 4-Chloroaniline	10.727	127	1575909	81.508	ng		99
34) Hexachlorobutadiene	10.898	225	959905	80.012	ng		99
35) Caprolactam	11.539	113	371164	82.060	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	1152624	80.424	ng		99
37) 2-Methylnaphthalene	12.227	142	2525532	79.858	ng		99
38) 1-Methylnaphthalene	12.451	142	2645483	79.045	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1799698	84.742	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1185418	91.336	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	1151641	85.496	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	1220306	84.011	ng		98
46) 1,1'-Biphenyl	13.245	154	3613893	79.246	ng		99
47) 2-Chloronaphthalene	13.286	162	2842514	78.700	ng		99
48) 2-Nitroaniline	13.498	65	701256	82.725	ng		99
49) Acenaphthylene	14.133	152	4526874	79.492	ng		99
50) Dimethylphthalate	13.874	163	3507333	78.228	ng		99
51) 2,6-Dinitrotoluene	13.992	165	758296	81.689	ng		99
52) Acenaphthene	14.480	154	2618967	79.452	ng		100
53) 3-Nitroaniline	14.327	138	740202	83.521	ng		100
54) 2,4-Dinitrophenol	14.545	184	469472	79.096	ng		98
55) Dibenzofuran	14.815	168	4325783	78.875	ng		99
56) 4-Nitrophenol	14.662	139	566943	78.710	ng		99
57) 2,4-Dinitrotoluene	14.786	165	1080118	84.207	ng		96
58) Fluorene	15.462	166	3565506	79.426	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1057707	84.123	ng		96
60) Diethylphthalate	15.239	149	3257954	77.118	ng		97
61) 4-Chlorophenyl-phenyle...	15.457	204	2051105	83.186	ng		96
62) 4-Nitroaniline	15.498	138	724549	84.678	ng		99
63) Azobenzene	15.751	77	2723186	76.914	ng		95
65) 4,6-Dinitro-2-methylph...	15.557	198	665798	87.741	ng		96
66) n-Nitrosodiphenylamine	15.674	169	2957293	79.443	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	1225531	83.600	ng		94
68) Hexachlorobenzene	16.468	284	1412768	83.606	ng		95
69) Atrazine	16.627	200	1116818	83.174	ng		100
70) Pentachlorophenol	16.821	266	843195	88.648	ng		99
71) Phenanthrene	17.203	178	5487968	80.266	ng		99
72) Anthracene	17.292	178	5597195	80.893	ng		99
73) Carbazole	17.568	167	4845637	80.705	ng		99
74) Di-n-butylphthalate	18.121	149	5649166	79.007	ng		99
75) Fluoranthene	19.221	202	6841999	85.234	ng		99
77) Benzidine	19.403	184	3598340	84.575	ng		100
78) Pyrene	19.580	202	6959279	82.738	ng		99
80) Butylbenzylphthalate	20.474	149	2512705	79.760	ng		97
81) Benzo(a)anthracene	21.380	228	6747718	81.808	ng		99
82) 3,3'-Dichlorobenzidine	21.303	252	2782107	88.111	ng		99
83) Chrysene	21.444	228	6207632	81.316	ng		98
84) Bis(2-ethylhexyl)phtha...	21.297	149	3665836	77.905	ng	#	96
85) Di-n-octyl phthalate	22.427	149	6109632	78.732	ng		99
87) Indeno(1,2,3-cd)pyrene	27.803	276	7285836	85.629	ng		98
88) Benzo(b)fluoranthene	23.456	252	6347901	85.480	ng		99
89) Benzo(k)fluoranthene	23.521	252	6265924	83.396	ng		99
90) Benzo(a)pyrene	24.262	252	5925652	85.195	ng		99
91) Dibenzo(a,h)anthracene	27.850	278	5981478	86.239	ng		99
92) Benzo(g,h,i)perylene	28.862	276	5537637	83.395	ng		99

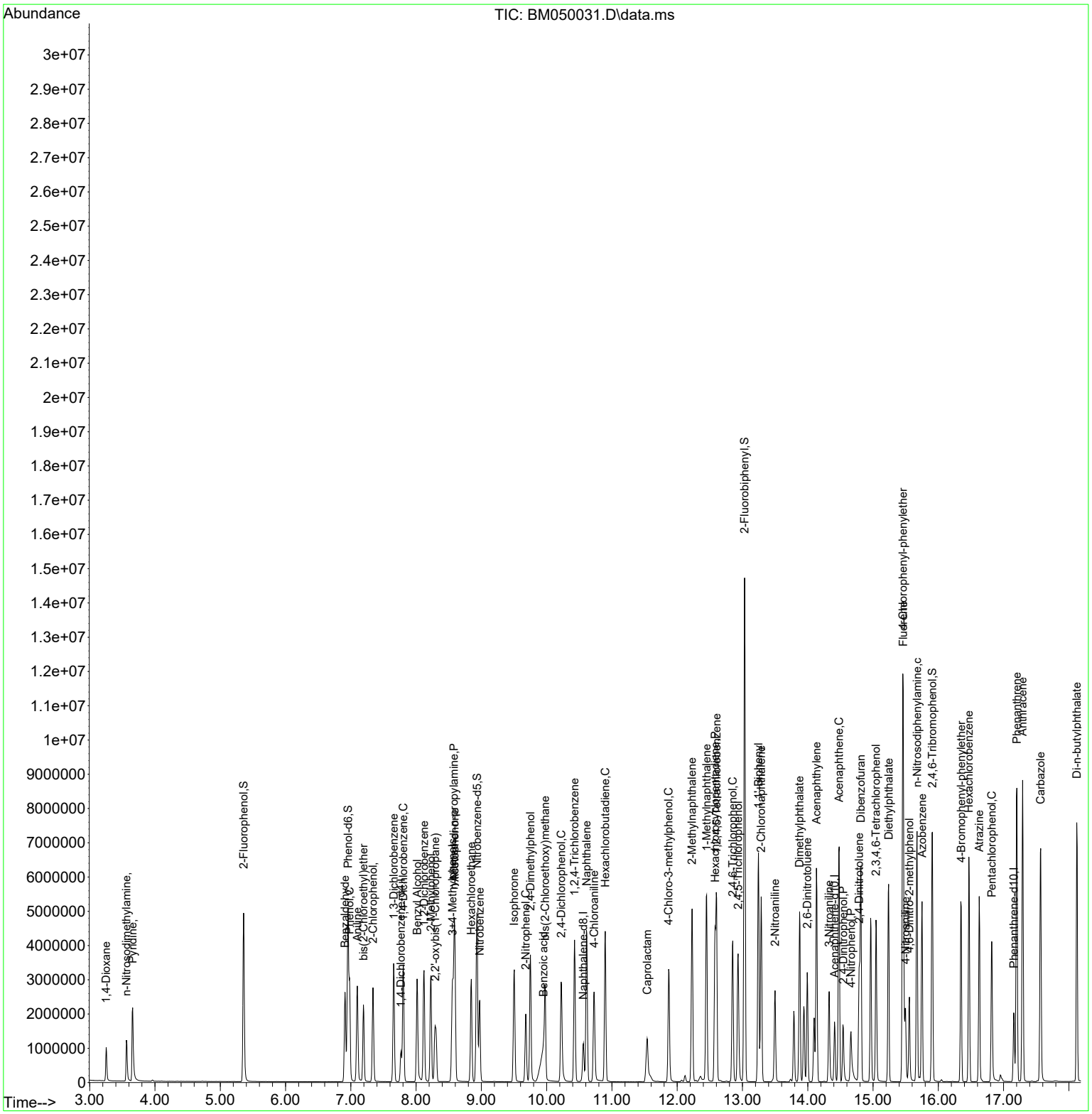
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
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Instrument :
BNA_M
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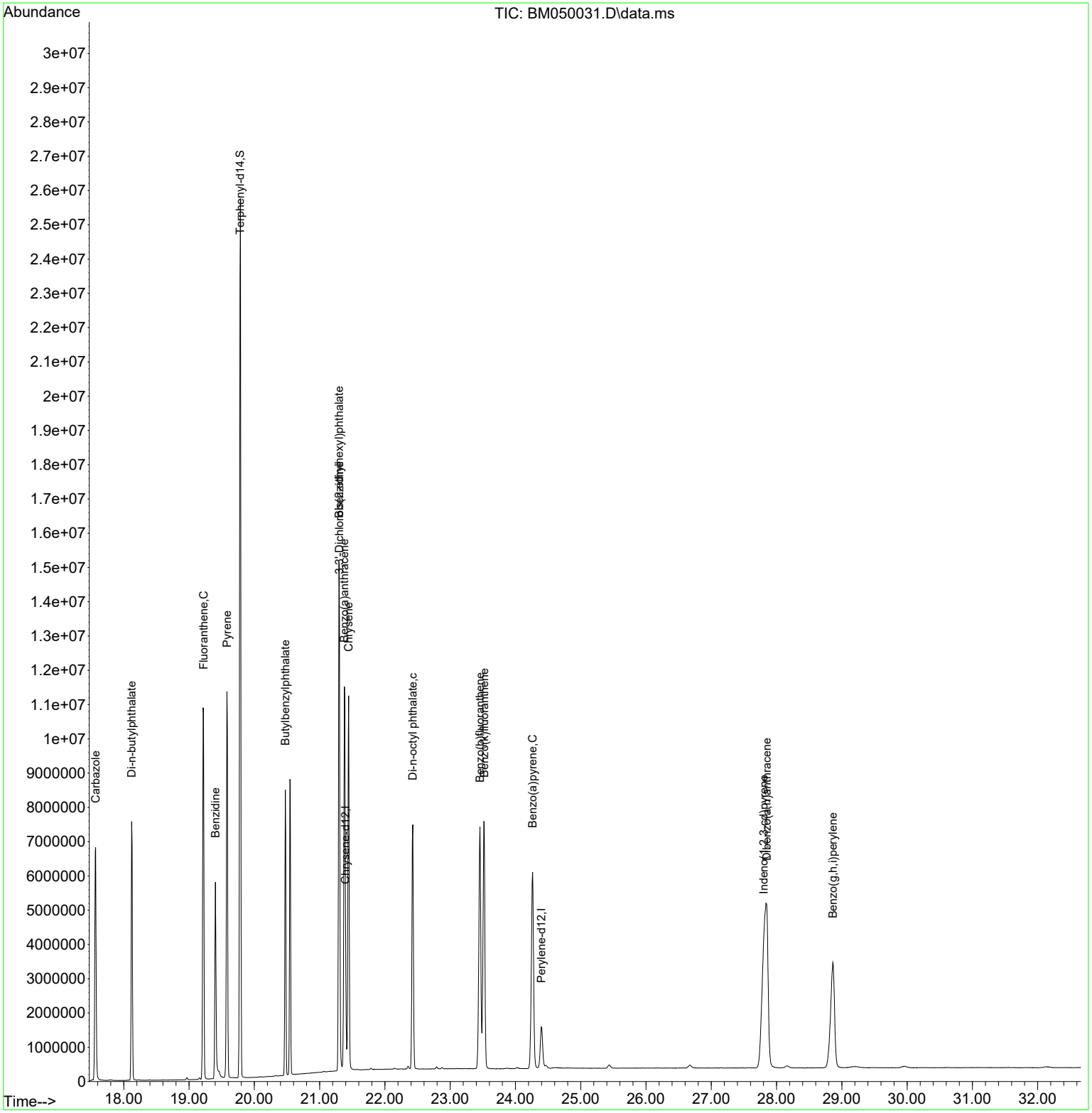
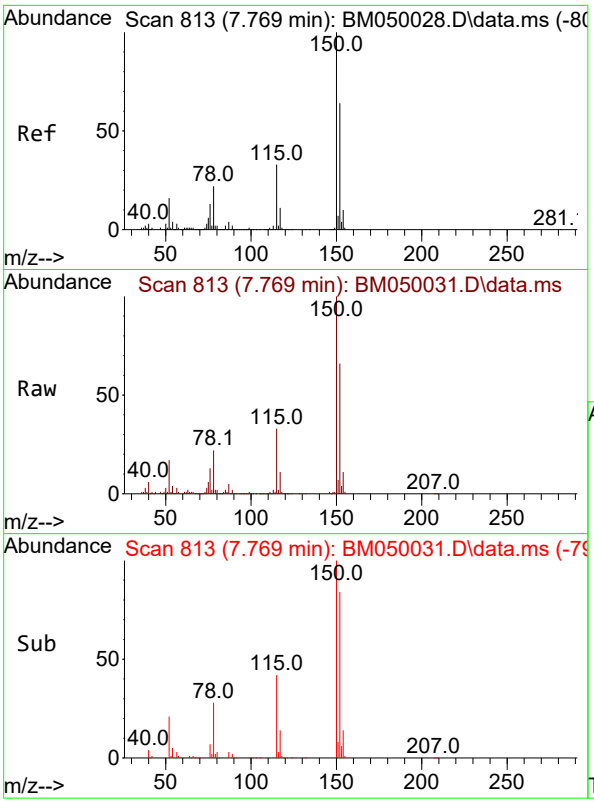
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



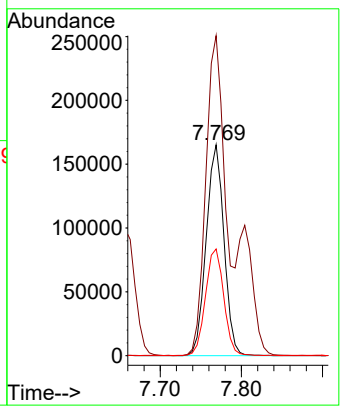


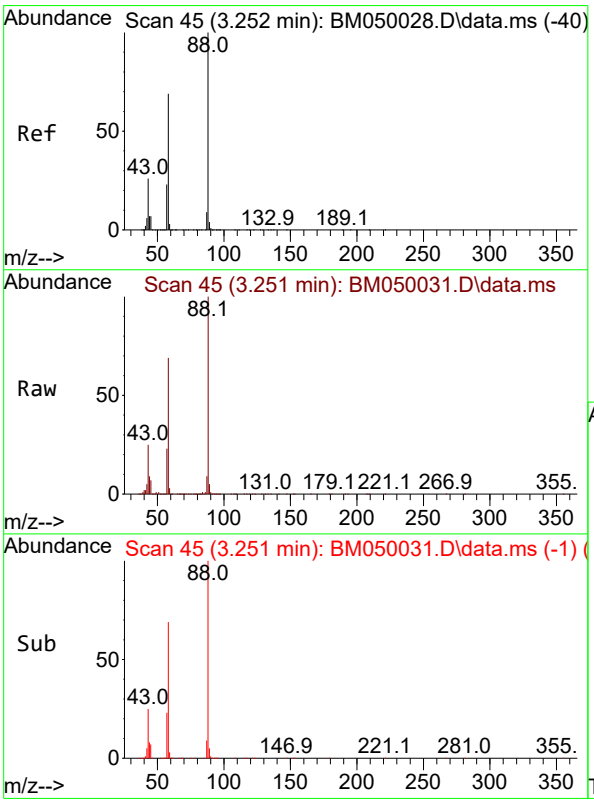
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 251380

Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.1	186.1
115	50.6	41.2	61.8

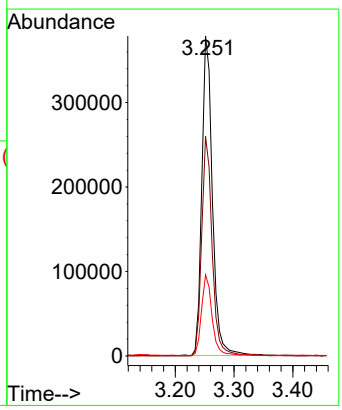


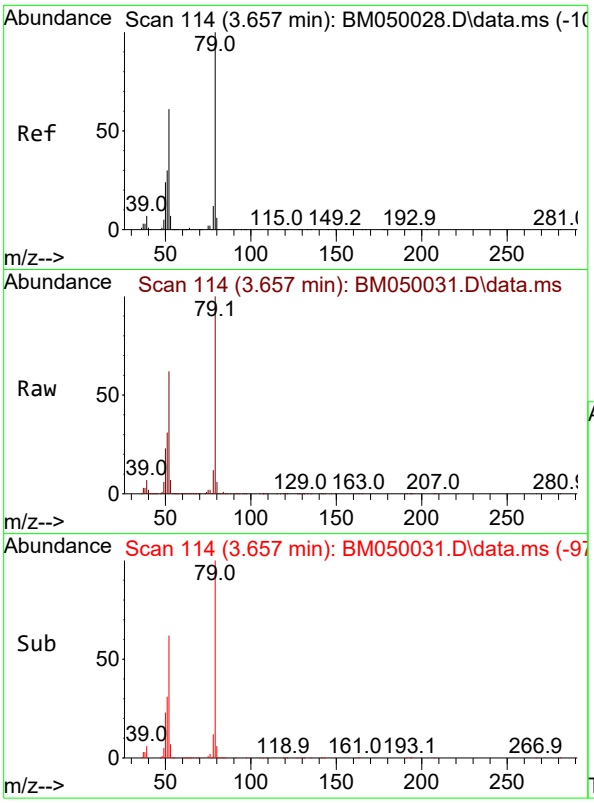


#2
1,4-Dioxane
Concen: 77.317 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 88 Resp: 475912

Ion	Ratio	Lower	Upper
88	100		
58	68.0	55.1	82.7
43	25.3	20.9	31.3



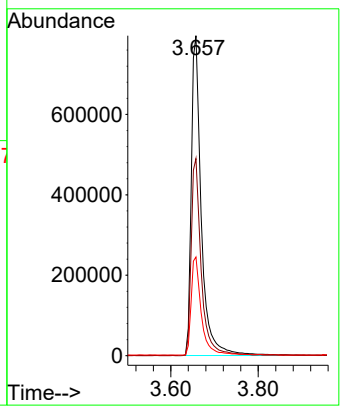


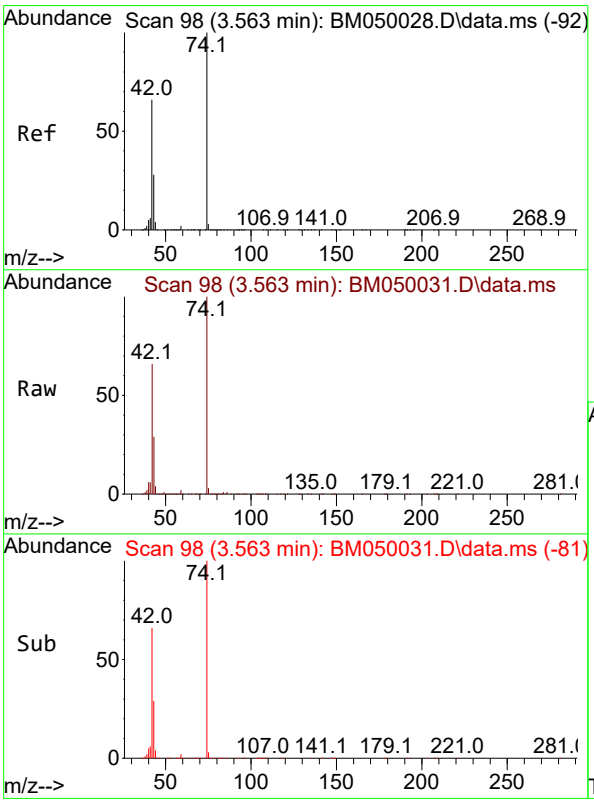
#3
Pyridine
Concen: 80.171 ng
RT: 3.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1267903

Ion	Ratio	Lower	Upper
79	100		
52	61.6	48.6	72.8
51	30.8	24.6	37.0

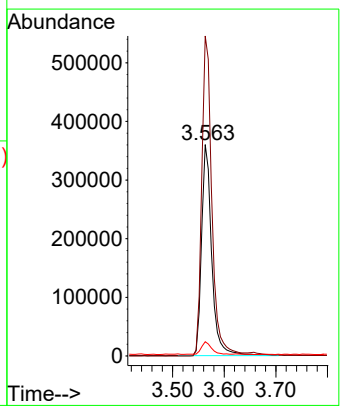


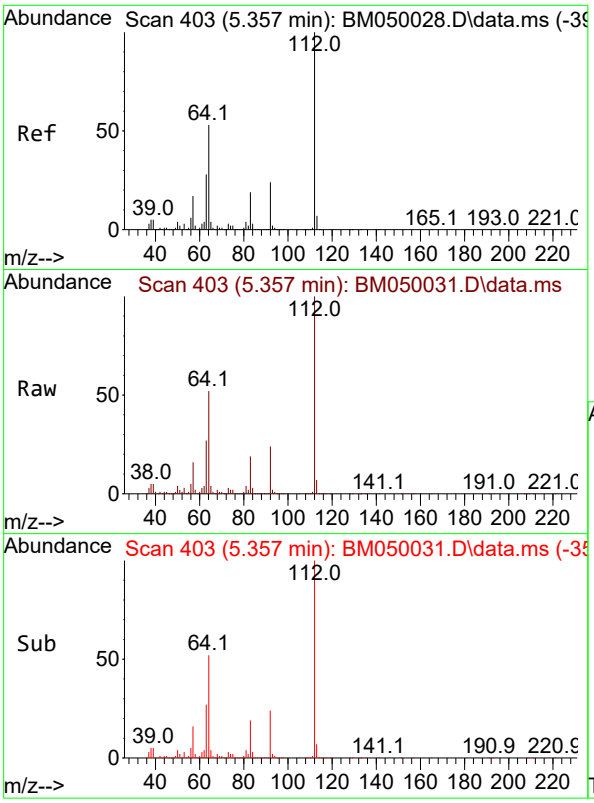


#4
n-Nitrosodimethylamine
Concen: 79.400 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 42 Resp: 492501

Ion	Ratio	Lower	Upper
42	100		
74	151.4	120.2	180.2
44	6.8	6.2	9.2



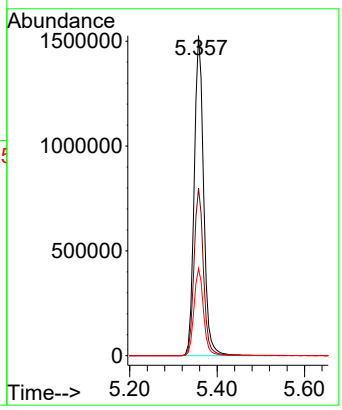


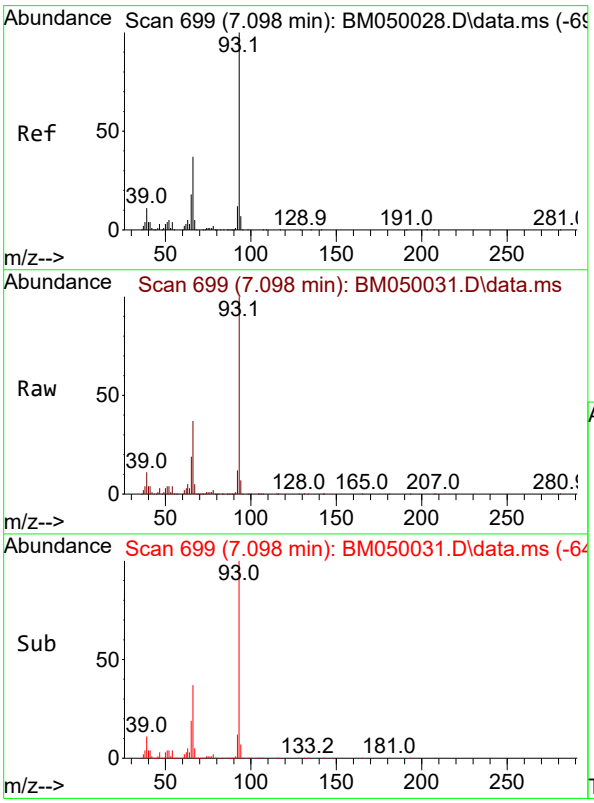
#5
2-Fluorophenol
Concen: 160.027 ng
RT: 5.357 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 2297313

Ion	Ratio	Lower	Upper
112	100		
64	52.3	42.6	64.0
63	27.2	22.2	33.4

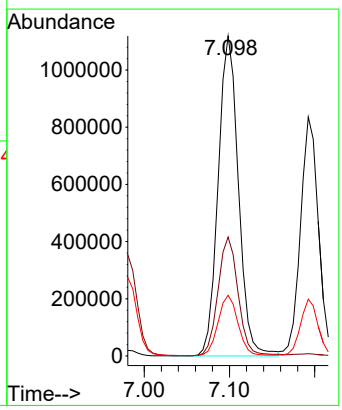


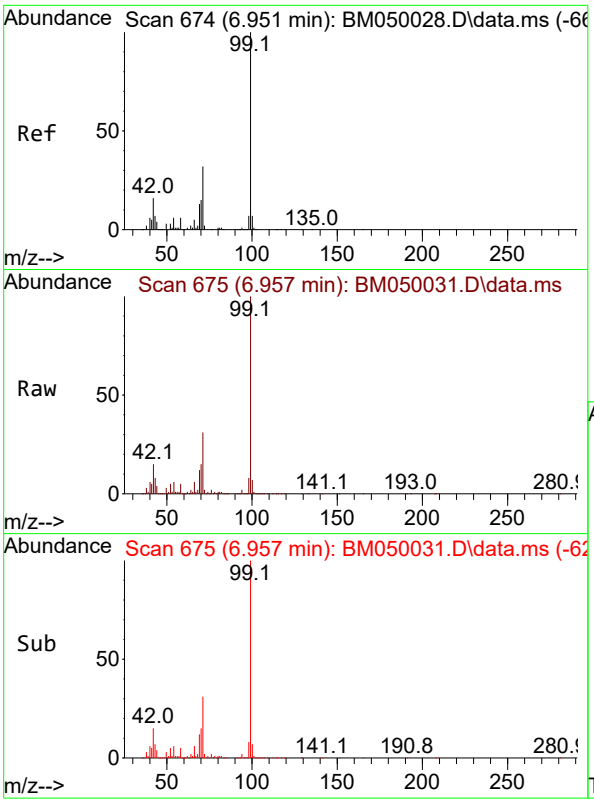


#6
Aniline
Concen: 80.979 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 93 Resp: 1845033

Ion	Ratio	Lower	Upper
93	100		
66	37.2	29.9	44.9
65	19.0	14.5	21.7



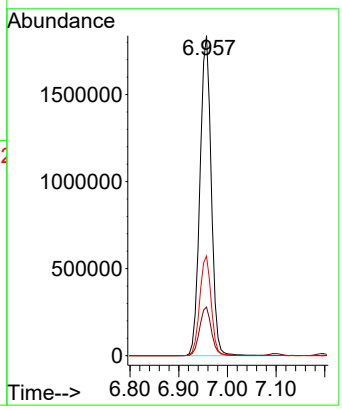


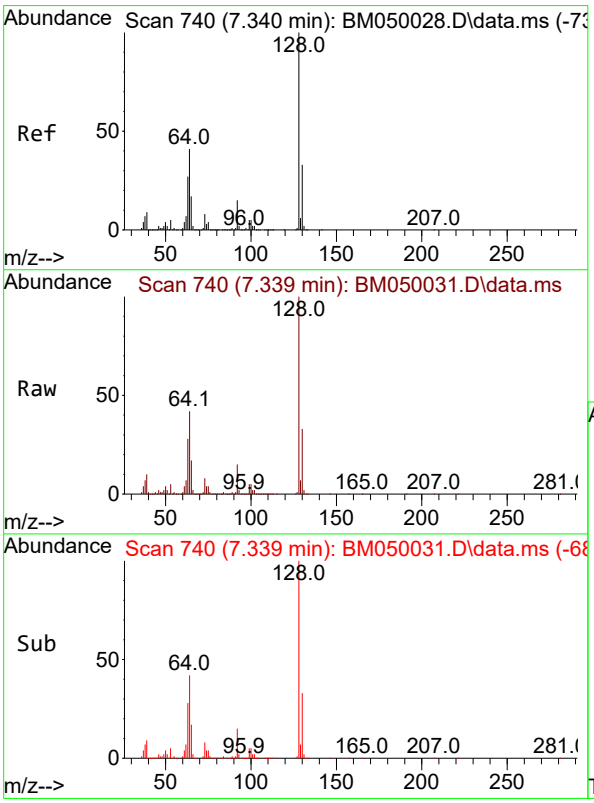
#7
Phenol-d6
Concen: 163.719 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 2954036

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.0	19.4
71	31.1	25.6	38.4

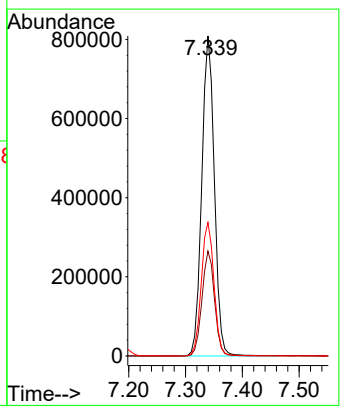


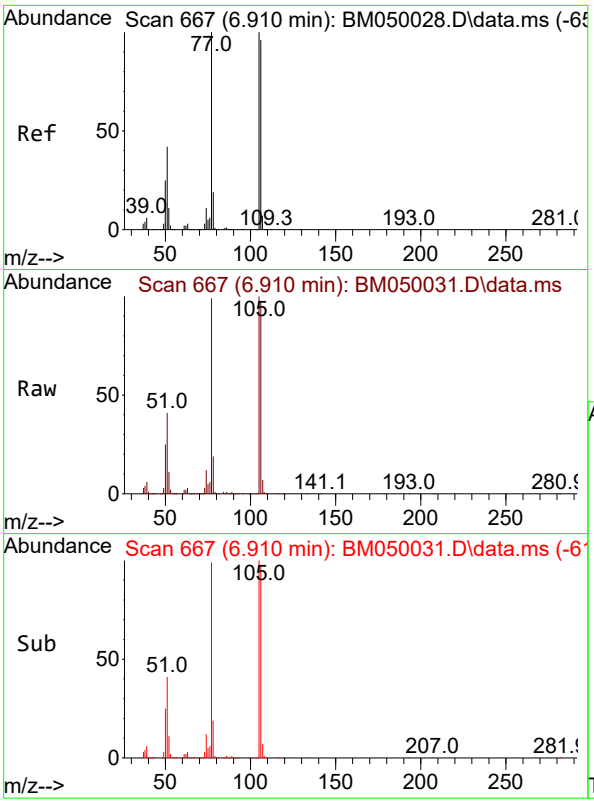


#8
2-Chlorophenol
Concen: 79.998 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:128 Resp: 1241711

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	41.7	21.2	61.2



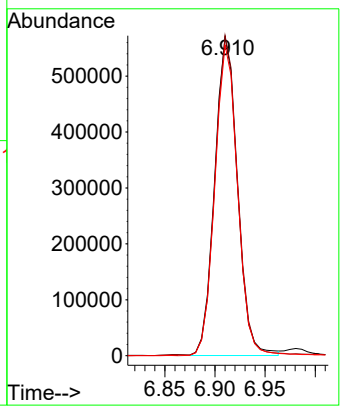


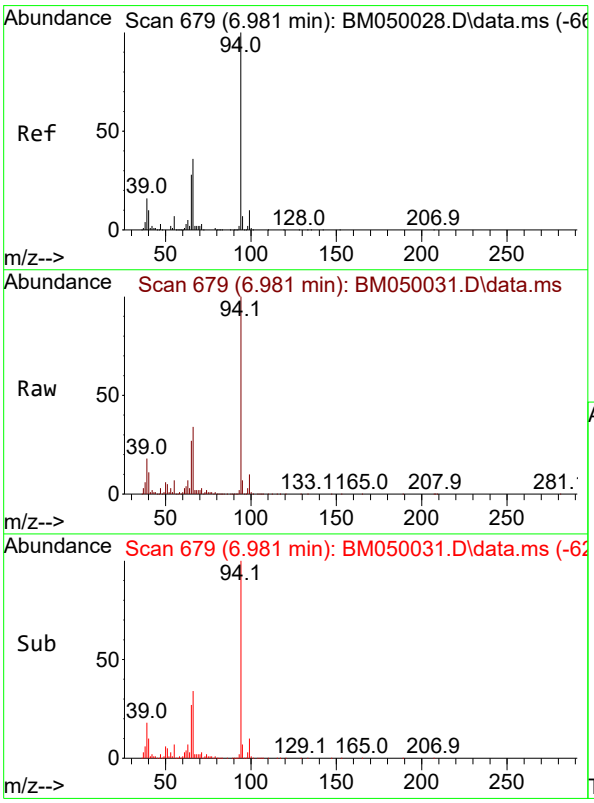
#9
Benzaldehyde
Concen: 74.544 ng
RT: 6.910 min Scan# 6(
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 898993

Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.5	120.5
106	97.5	76.1	116.1

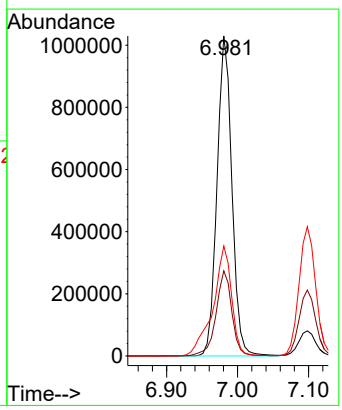


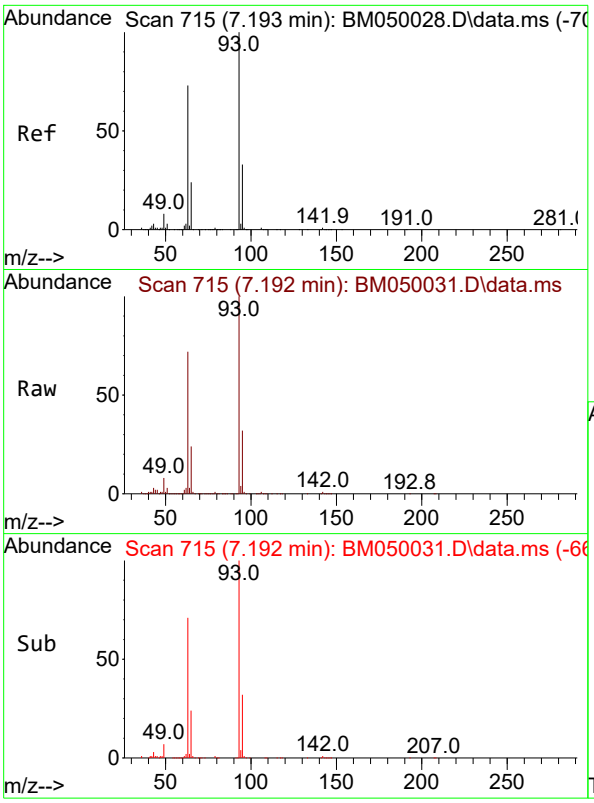


#10
Phenol
Concen: 81.638 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 94 Resp: 1491194

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.6	47.6
66	34.4	15.8	55.8



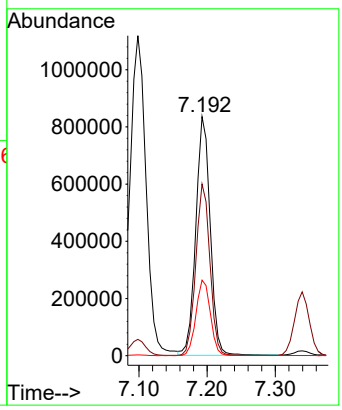


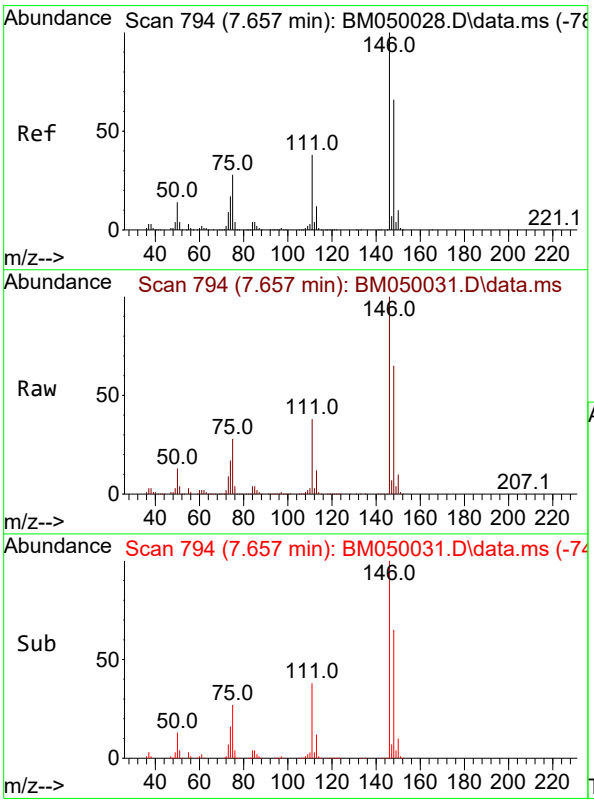
#11
bis(2-Chloroethyl)ether
Concen: 80.283 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 1224517

Ion	Ratio	Lower	Upper
93	100		
63	71.8	52.3	92.3
95	31.6	12.8	52.8

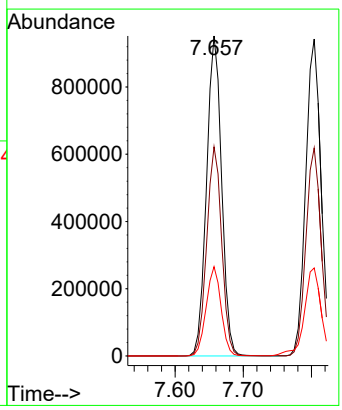


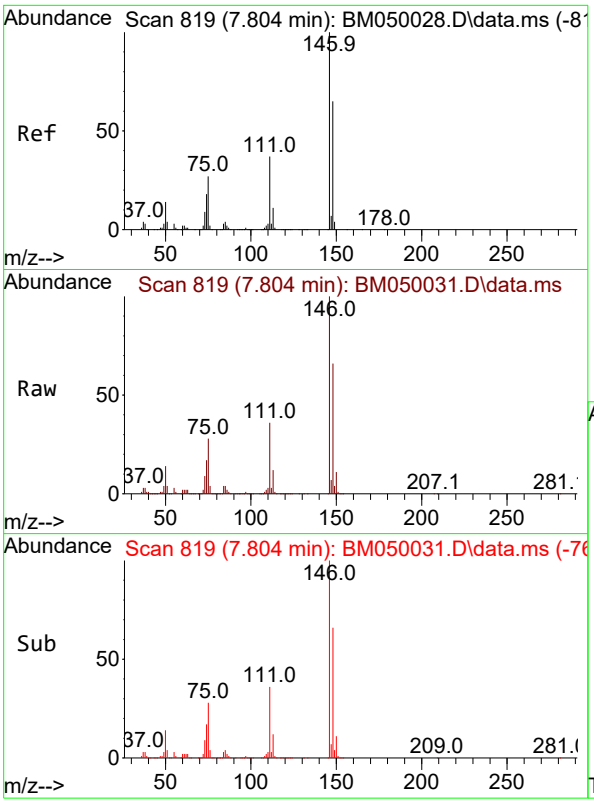


#12
1,3-Dichlorobenzene
Concen: 77.912 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:146 Resp: 1460820

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.5	78.7
75	27.9	22.6	34.0



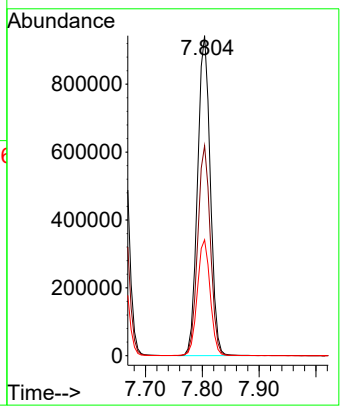


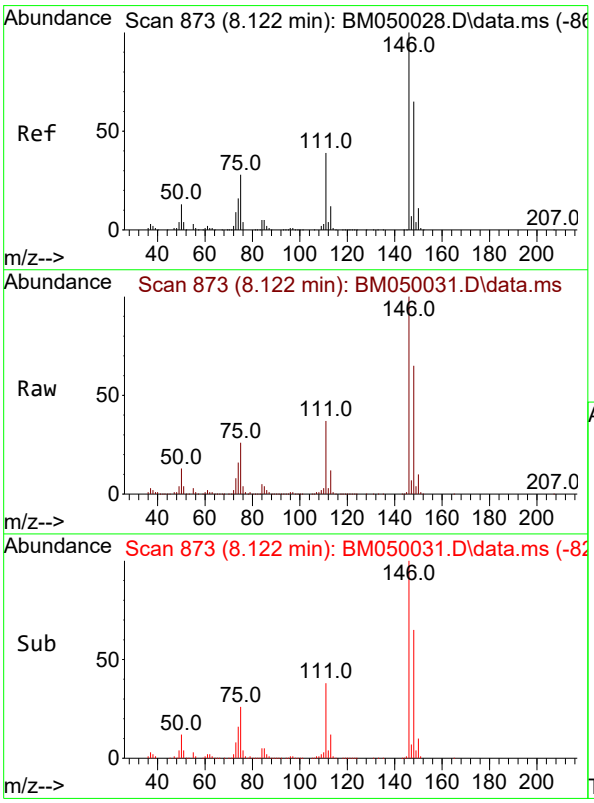
#13
1,4-Dichlorobenzene
Concen: 77.822 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 1465881

Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.2
111	36.2	29.3	43.9

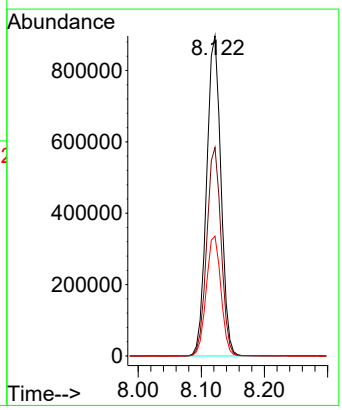


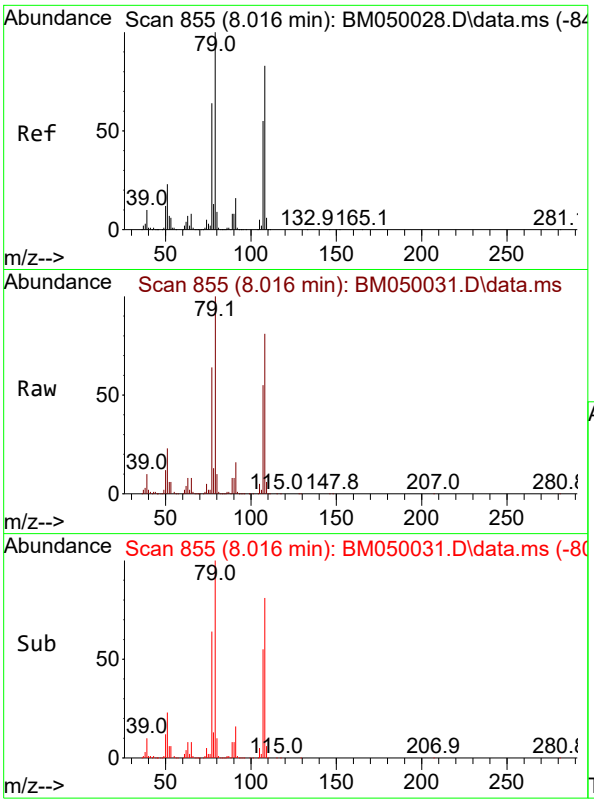


#14
1,2-Dichlorobenzene
Concen: 77.618 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:146 Resp: 1412270

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.4	78.6
111	37.5	31.0	46.6



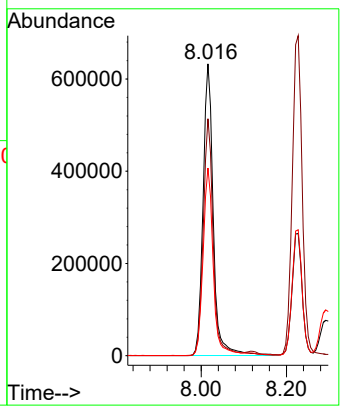


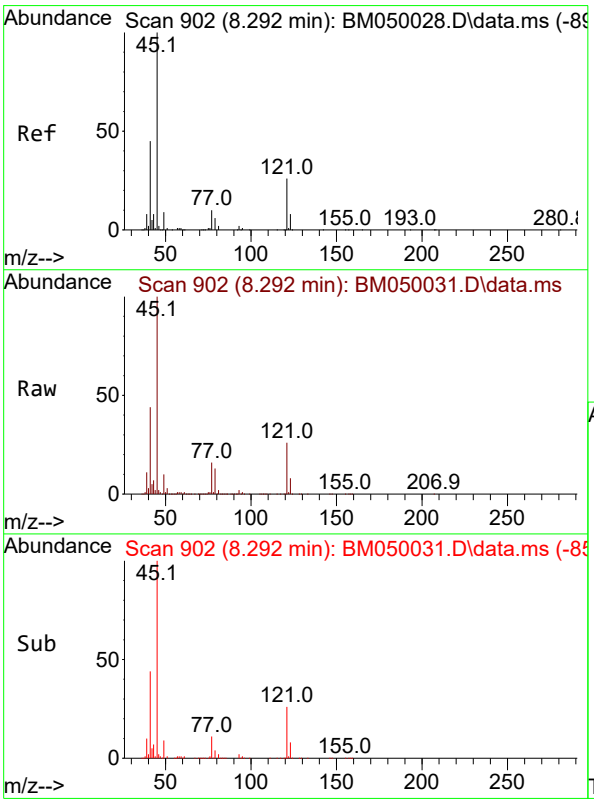
#15
Benzyl Alcohol
Concen: 84.339 ng
RT: 8.016 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1055328

Ion	Ratio	Lower	Upper
79	100		
108	81.2	66.0	99.0
77	64.3	51.6	77.4

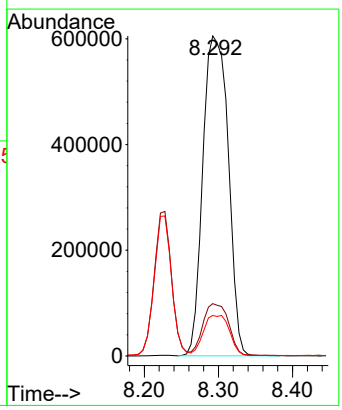


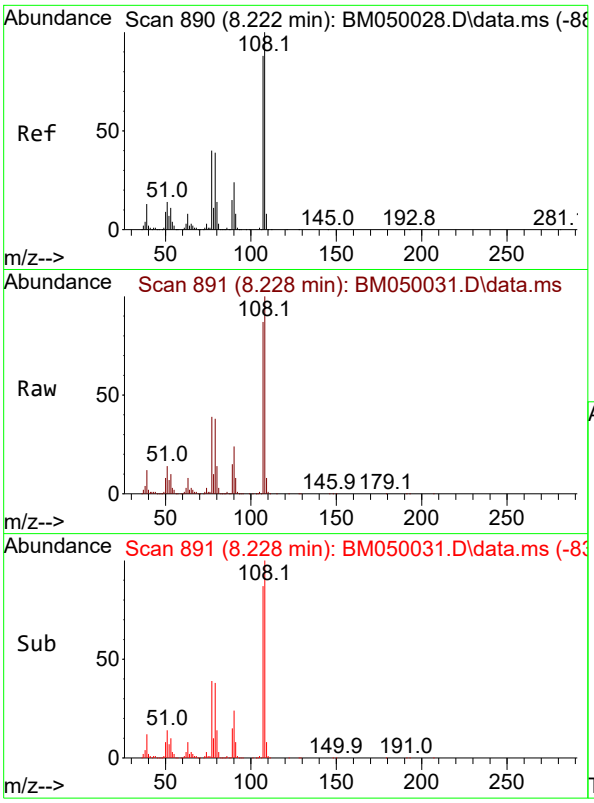


#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.694 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 45 Resp: 1440484

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.7	0.0	32.7



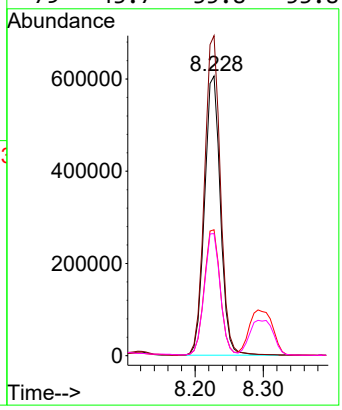


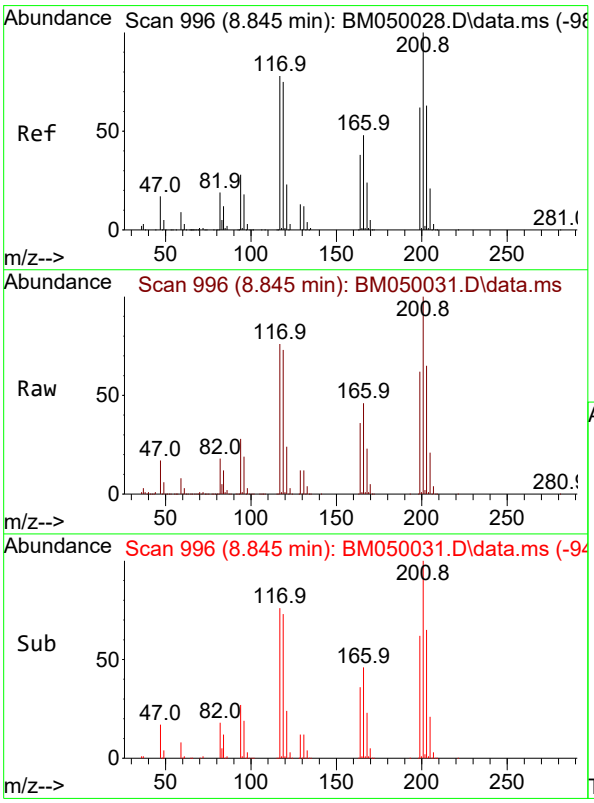
#17
2-Methylphenol
Concen: 81.473 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 980375

Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.1	136.7
77	45.1	36.2	54.4
79	43.7	35.8	53.8

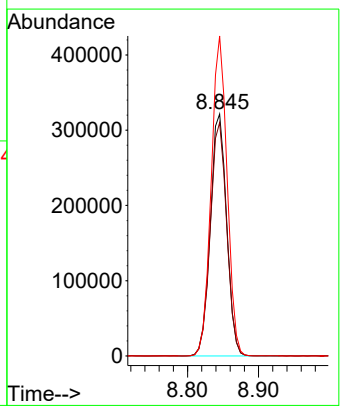


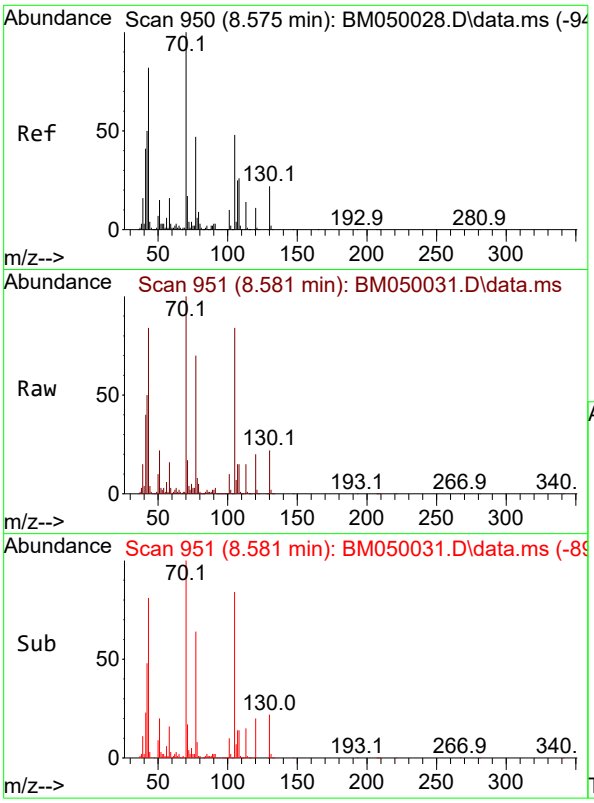


#18
Hexachloroethane
Concen: 76.632 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:117 Resp: 513126

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.3	115.9
201	132.3	102.8	154.2



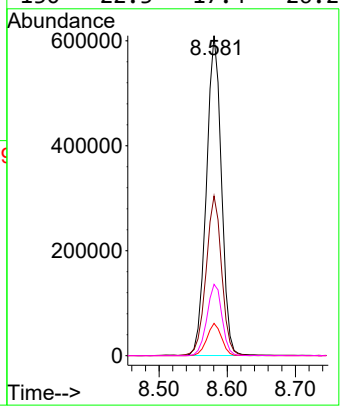


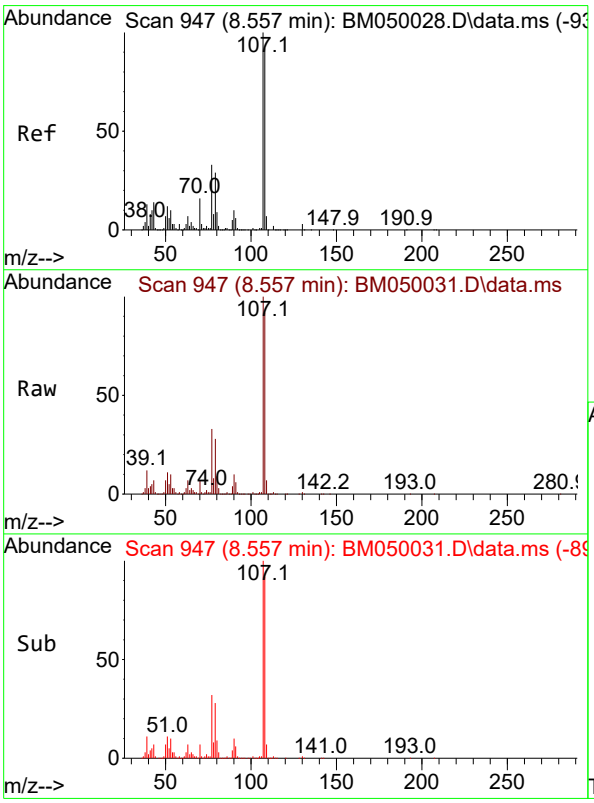
#19
n-Nitroso-di-n-propylamine
Concen: 80.665 ng
RT: 8.581 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 933468

Ion	Ratio	Lower	Upper
70	100		
42	49.9	40.5	60.7
101	10.1	7.8	11.6
130	22.3	17.4	26.2

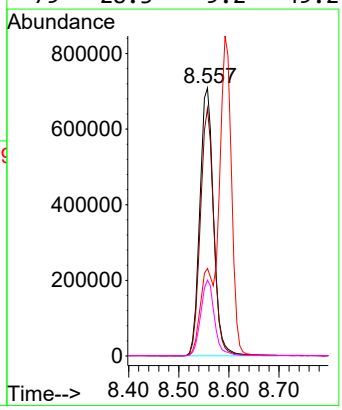


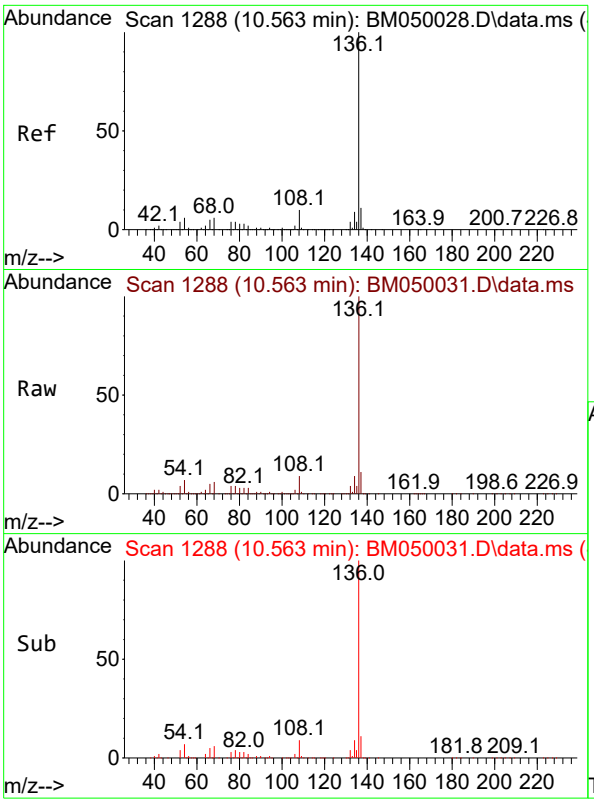


#20
3+4-Methylphenols
Concen: 82.965 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:107 Resp: 1348190

Ion	Ratio	Lower	Upper
107	100		
108	92.3	72.4	112.4
77	32.6	13.6	53.6
79	28.3	9.2	49.2



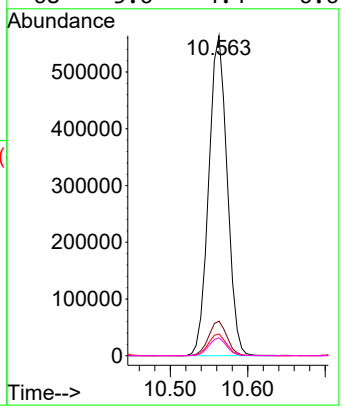


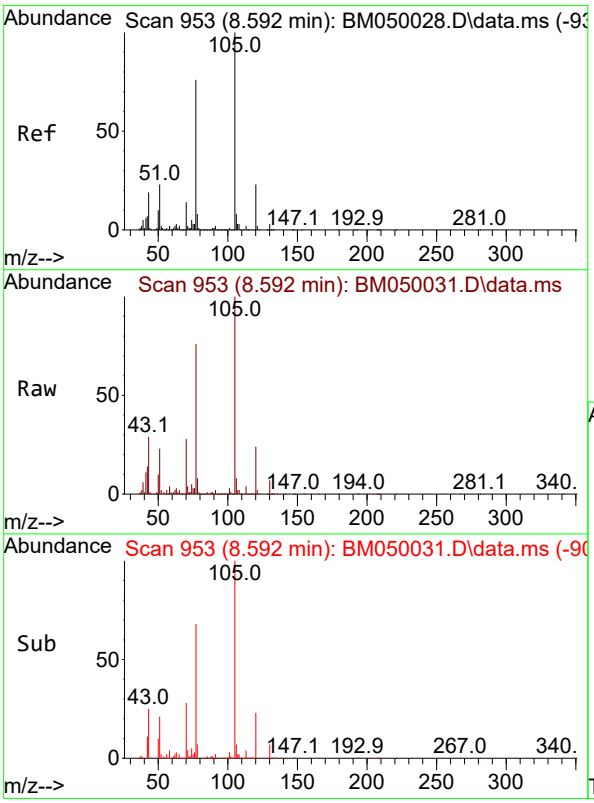
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 931435

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	5.1	7.7
68	5.6	4.4	6.6

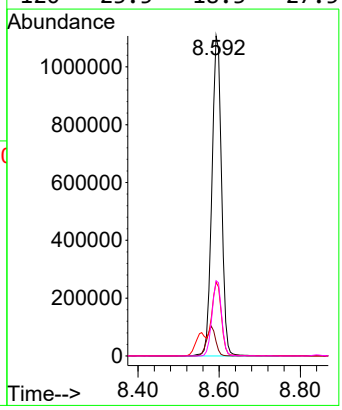


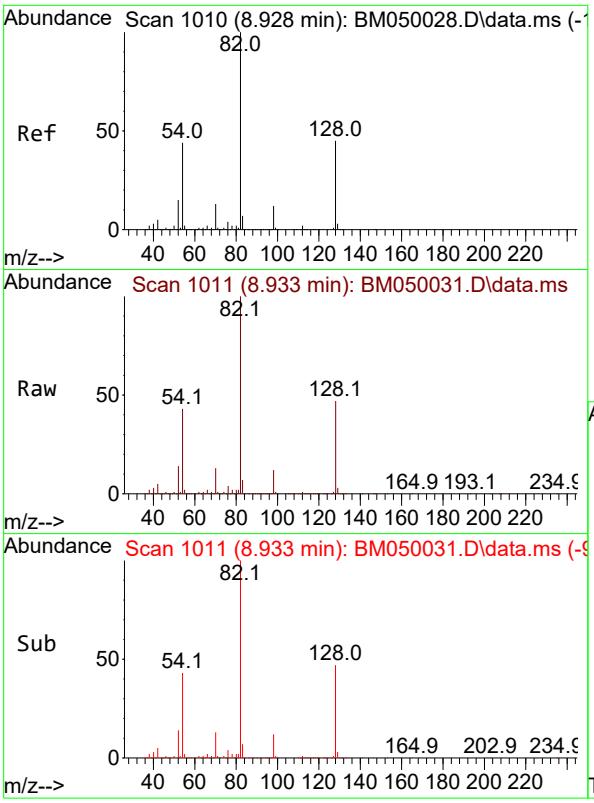


#22
Acetophenone
Concen: 78.406 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:105 Resp: 1815657

Ion	Ratio	Lower	Upper
105	100		
71	4.4	1.7	2.5#
51	23.0	18.6	27.8
120	23.5	18.3	27.5



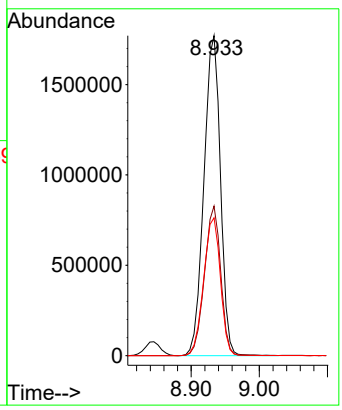


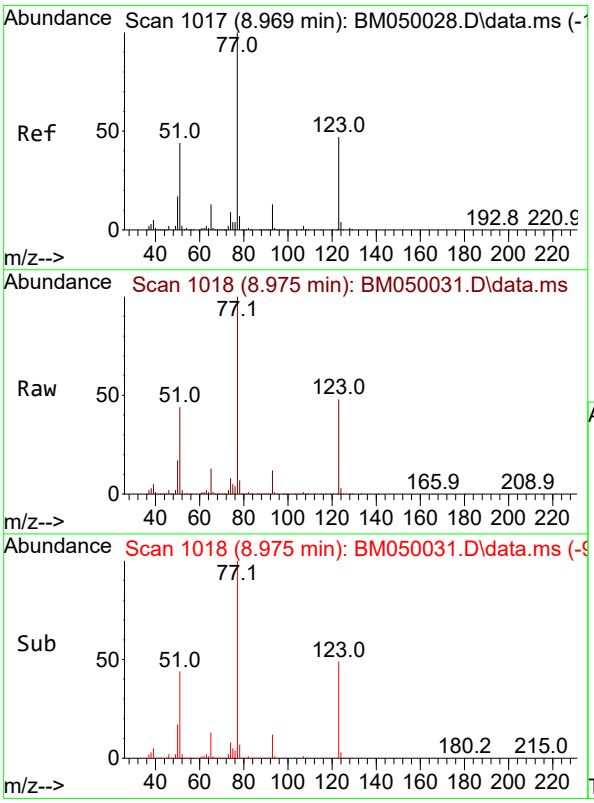
#23
Nitrobenzene-d5
Concen: 157.875 ng
RT: 8.933 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2984192

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.7	53.5
54	43.1	35.4	53.2

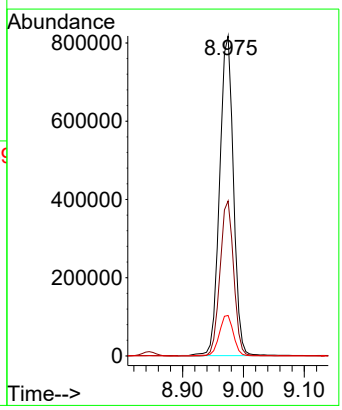


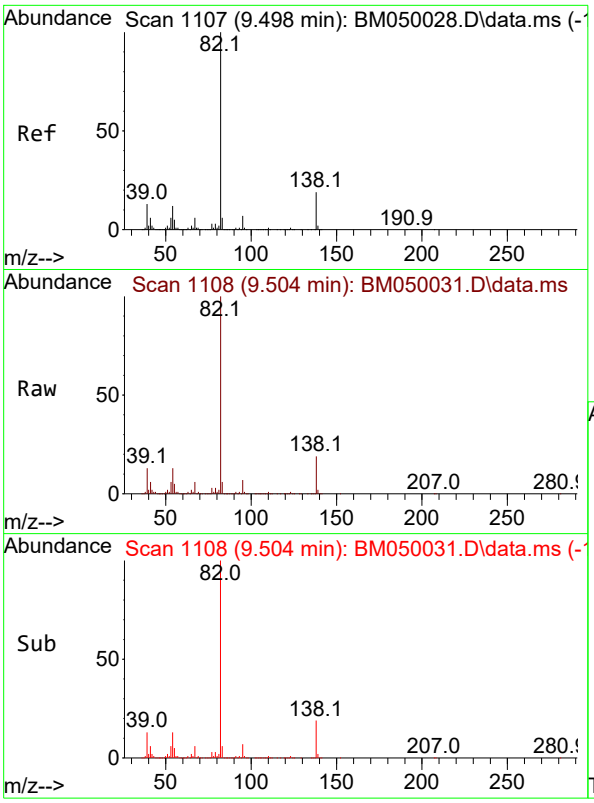


#24
Nitrobenzene
Concen: 78.871 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 77 Resp: 1289068

Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.9	56.9
65	12.7	10.1	15.1



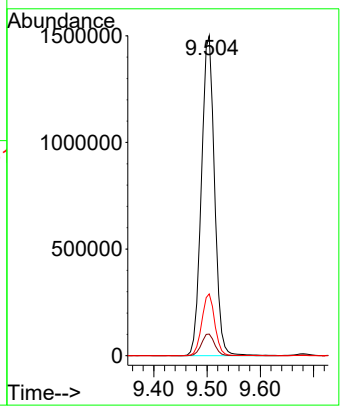


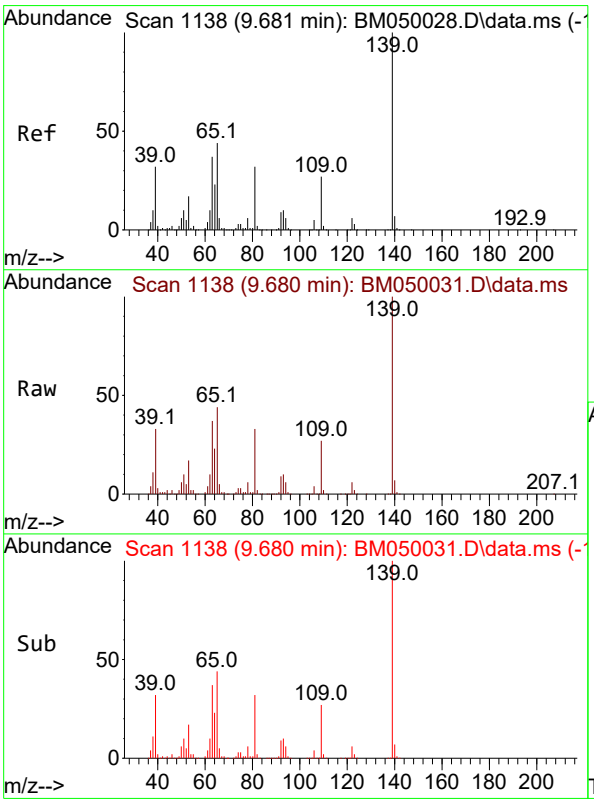
#25
Isophorone
Concen: 79.430 ng
RT: 9.504 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2559279

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	19.3	15.5	23.3

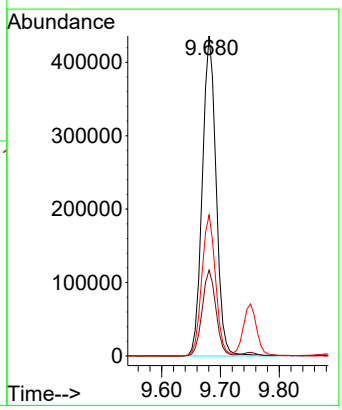


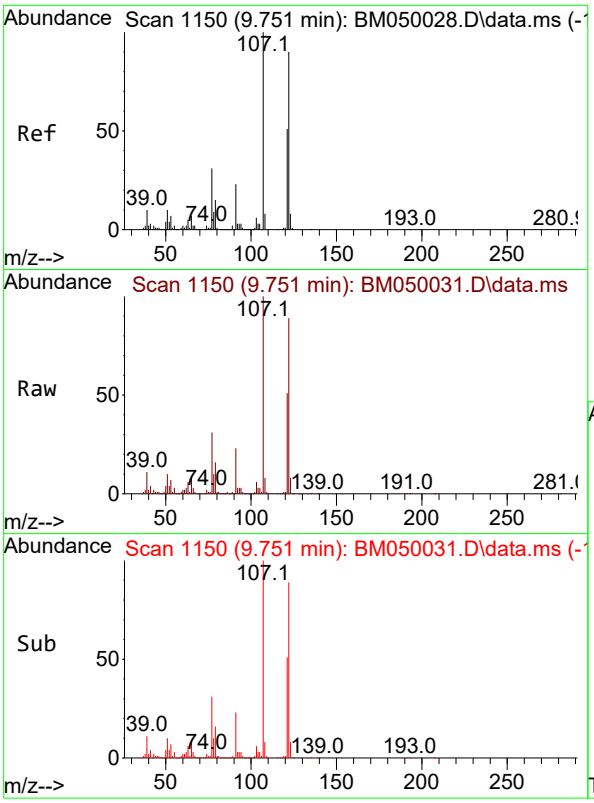


#26
2-Nitrophenol
Concen: 85.053 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:139 Resp: 710174

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.9	32.9
65	44.0	35.4	53.2



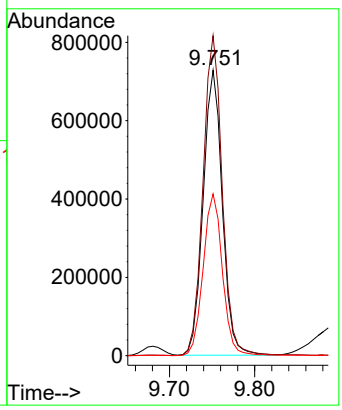


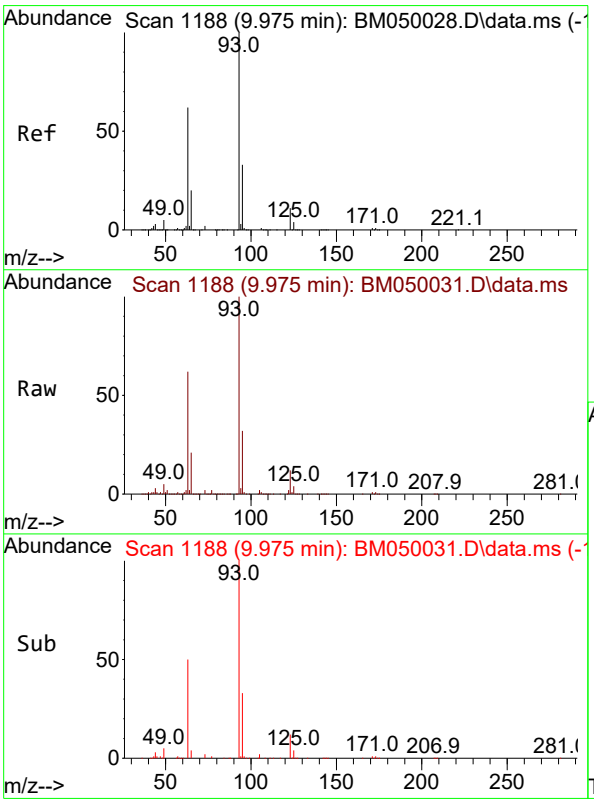
#27
2,4-Dimethylphenol
Concen: 82.043 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 1136040

Ion	Ratio	Lower	Upper
122	100		
107	112.1	89.0	133.6
121	56.7	45.6	68.4

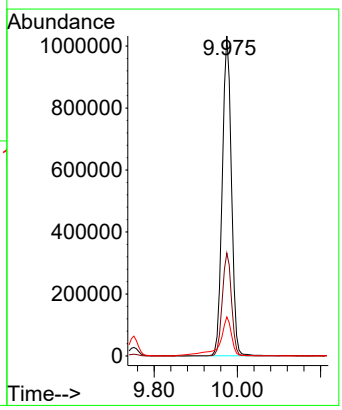


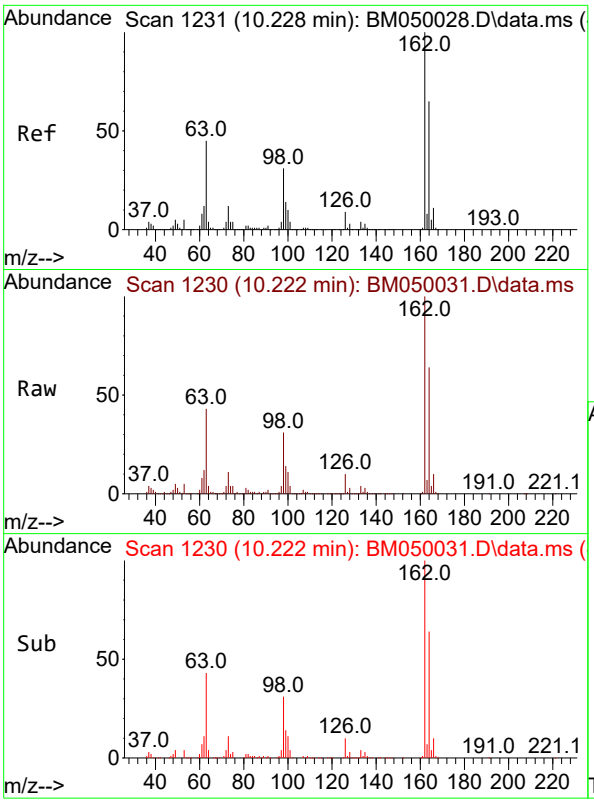


#28
bis(2-Chloroethoxy)methane
Concen: 79.437 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 93 Resp: 1581985

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	12.2	9.5	14.3



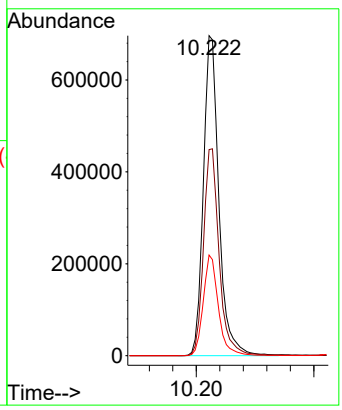


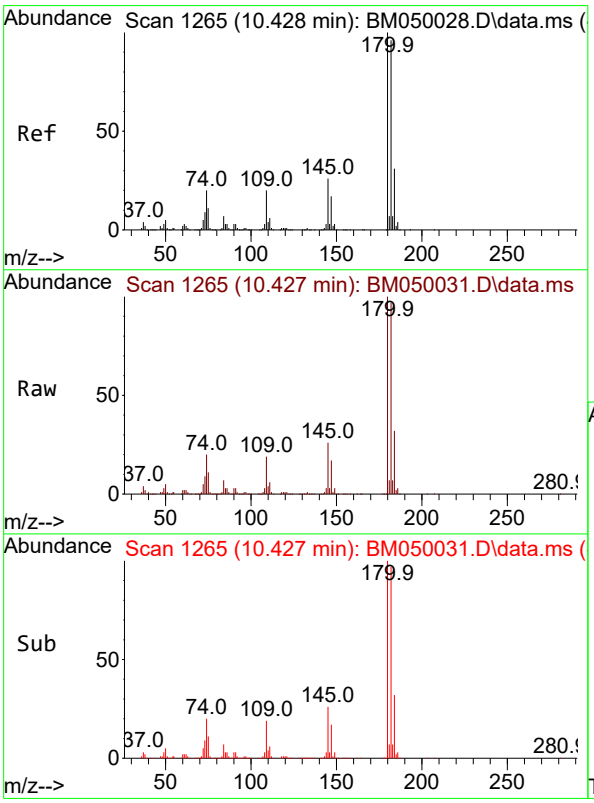
#29
2,4-Dichlorophenol
Concen: 82.243 ng
RT: 10.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1275806

Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.4	85.4
98	31.4	11.3	51.3

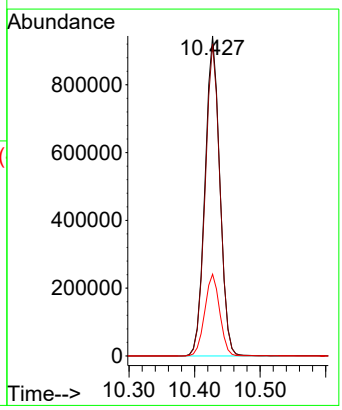


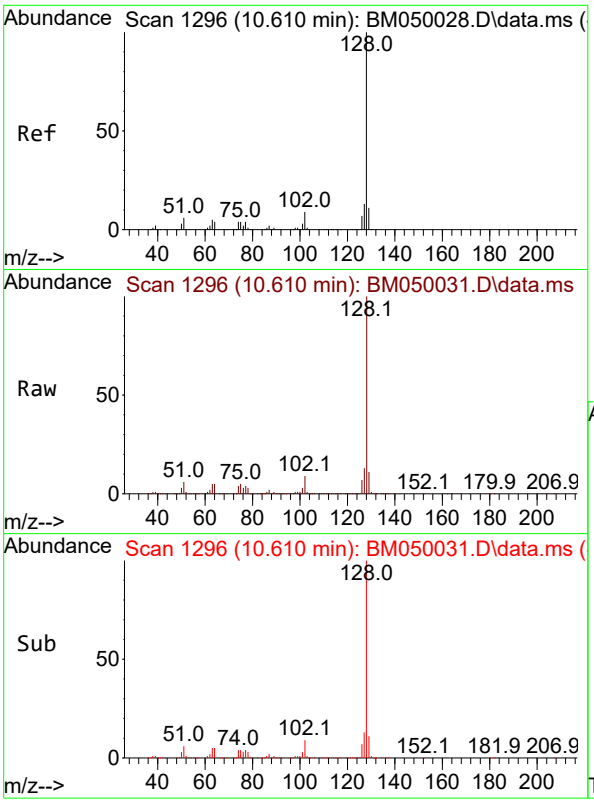


#30
1,2,4-Trichlorobenzene
Concen: 78.590 ng
RT: 10.427 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:180 Resp: 1485344

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.0	115.4
145	25.6	20.6	30.8



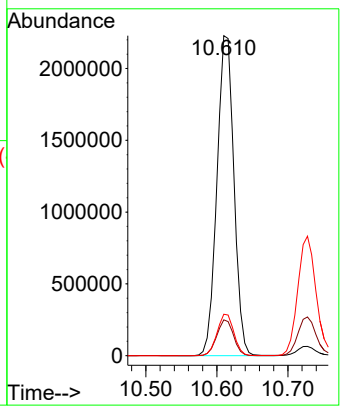


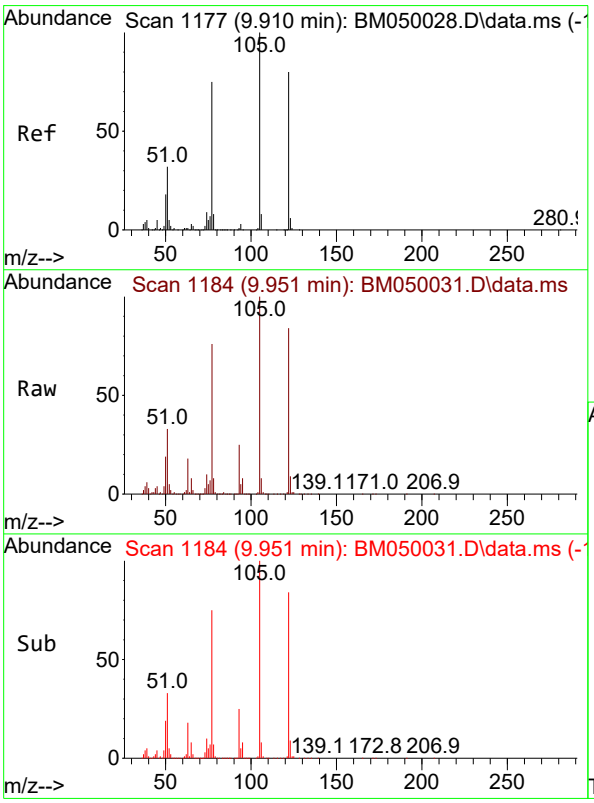
#31
Naphthalene
Concen: 78.143 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 3686066

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.0	10.4	15.6

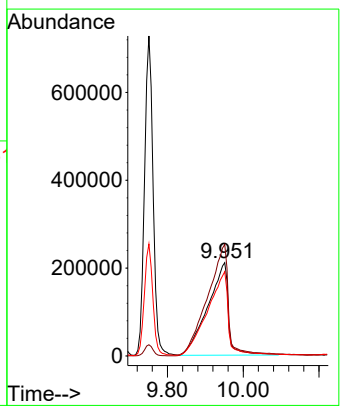


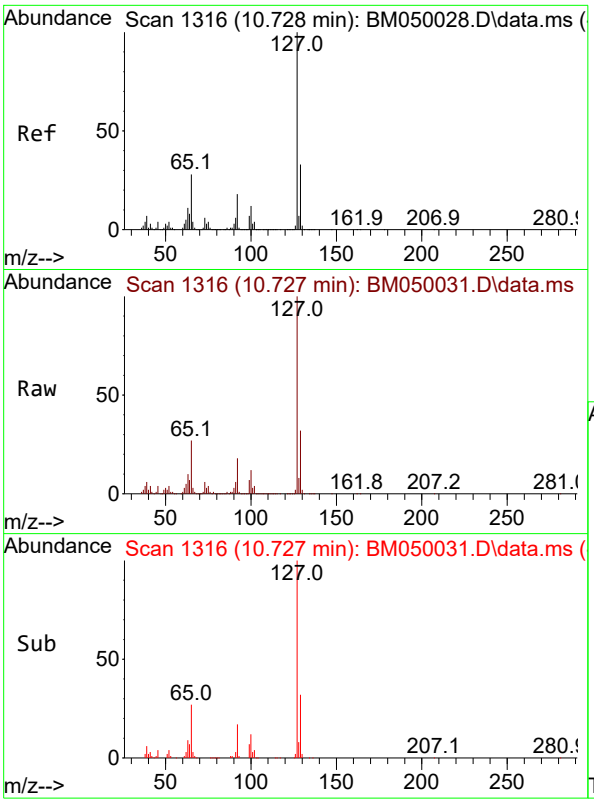


#32
Benzoic acid
Concen: 90.660 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.041 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:122 Resp: 800660

Ion	Ratio	Lower	Upper
122	100		
105	119.6	103.6	143.6
77	90.5	73.7	113.7



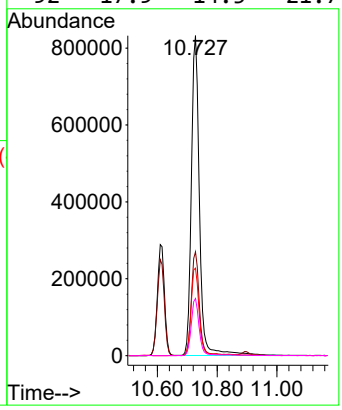


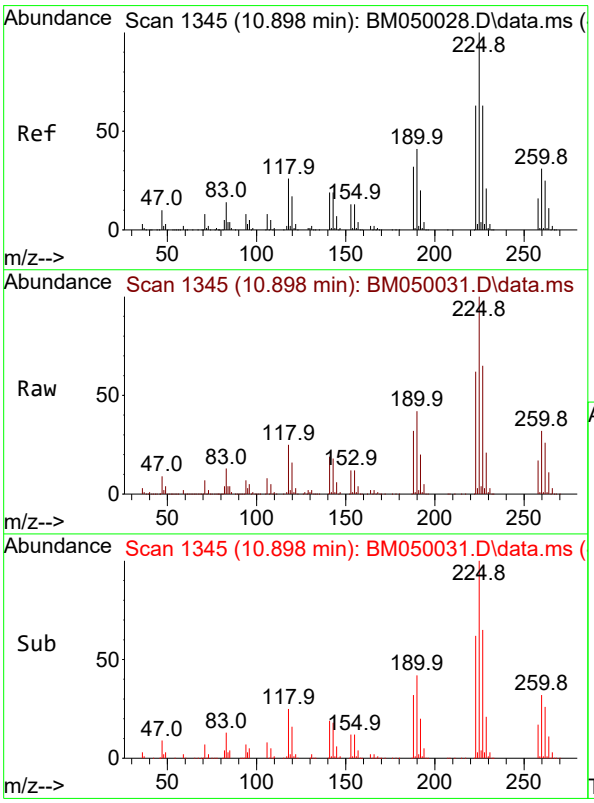
#33
4-Chloroaniline
Concen: 81.508 ng
RT: 10.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1575909

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	27.3	22.5	33.7
92	17.9	14.5	21.7

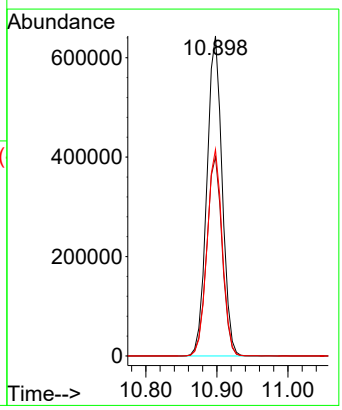


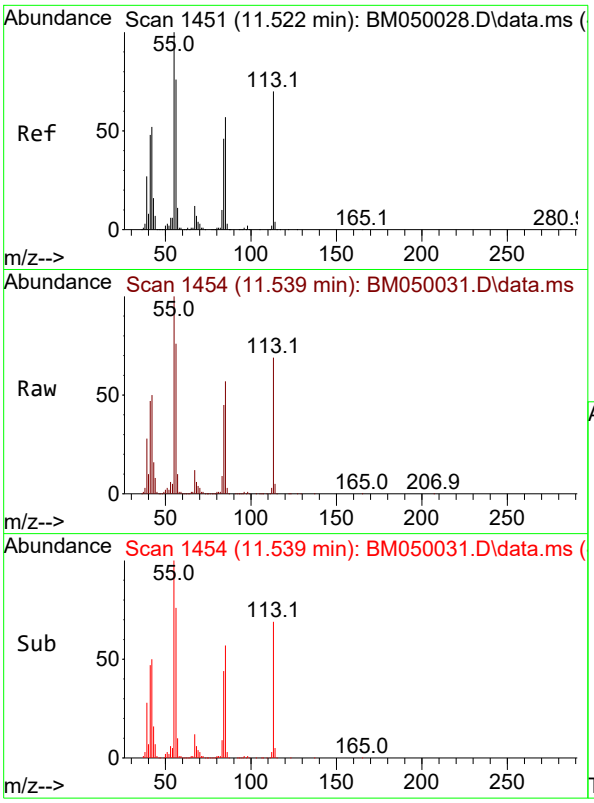


#34
Hexachlorobutadiene
Concen: 80.012 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:225 Resp: 959905

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	64.6	50.6	76.0



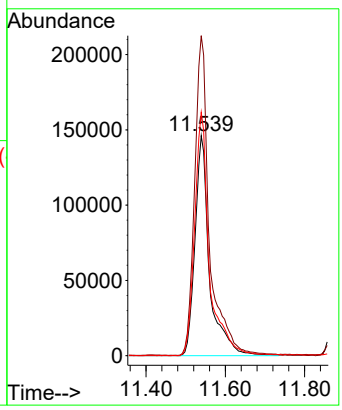


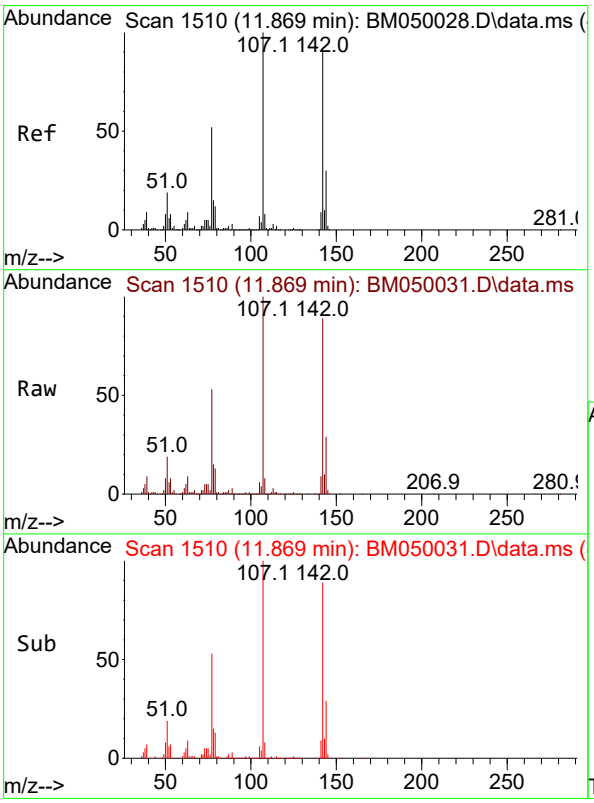
#35
Caprolactam
Concen: 82.060 ng
RT: 11.539 min Scan# 14
Delta R.T. 0.018 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 371164

Ion	Ratio	Lower	Upper
113	100		
55	145.4	122.9	162.9
56	110.6	88.1	128.1

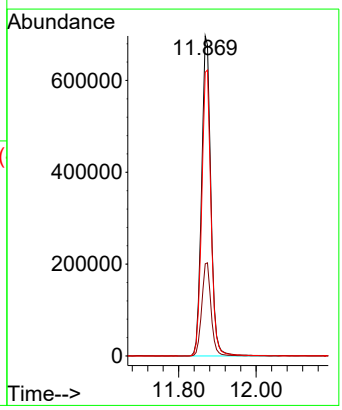


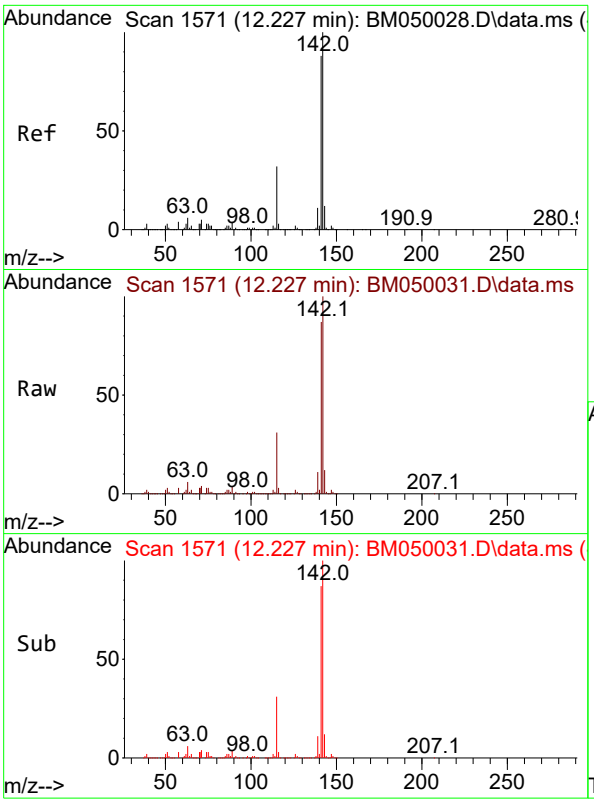


#36
4-Chloro-3-methylphenol
Concen: 80.424 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:107 Resp: 1152624

Ion	Ratio	Lower	Upper
107	100		
144	28.8	23.8	35.6
142	88.7	71.9	107.9



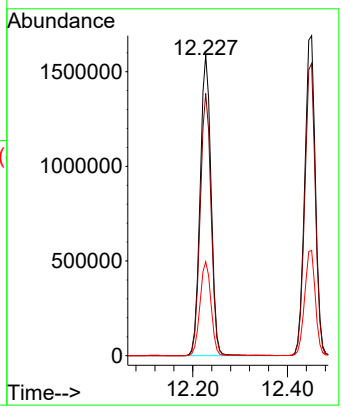


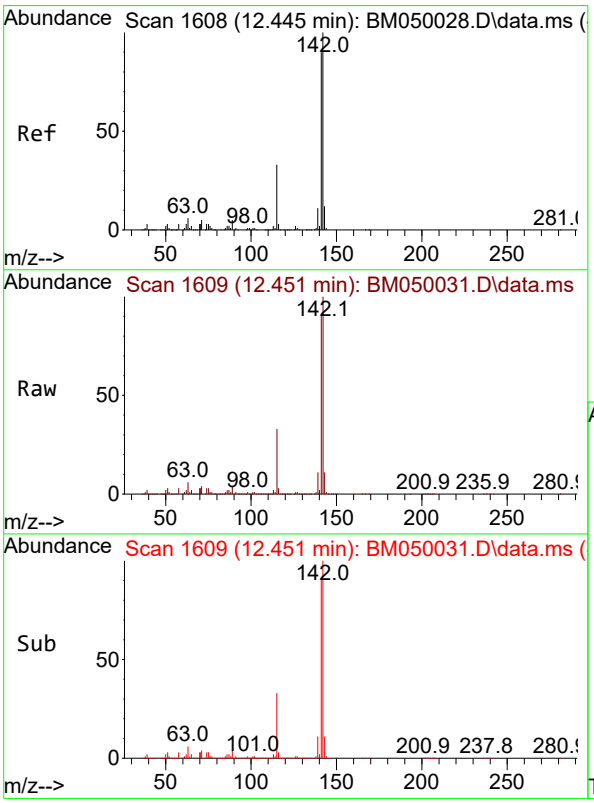
#37
2-Methylnaphthalene
Concen: 79.858 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 2525532

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	31.2	25.4	38.2

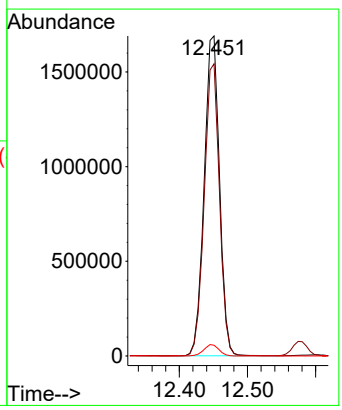


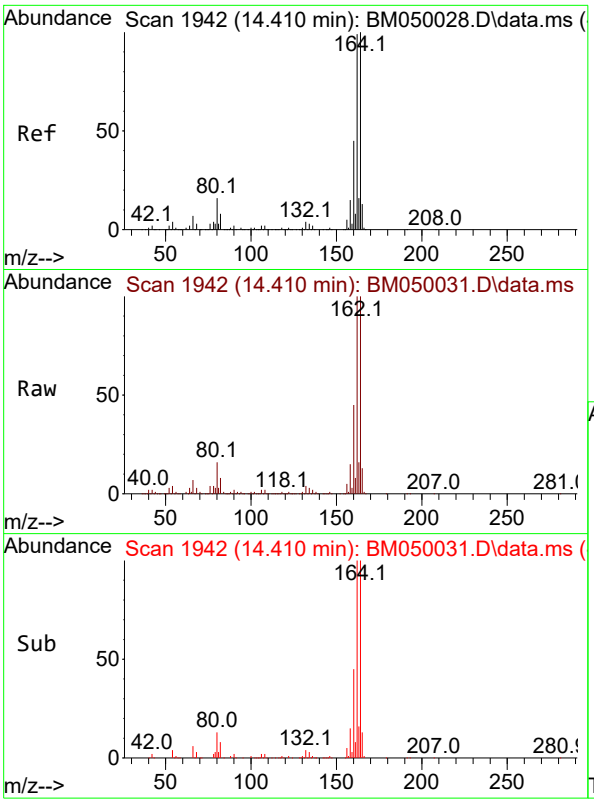


#38
1-Methylnaphthalene
Concen: 79.045 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:142 Resp: 2645483

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.1	108.1
116	3.4	2.7	4.1



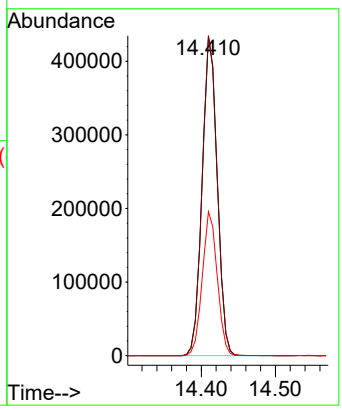


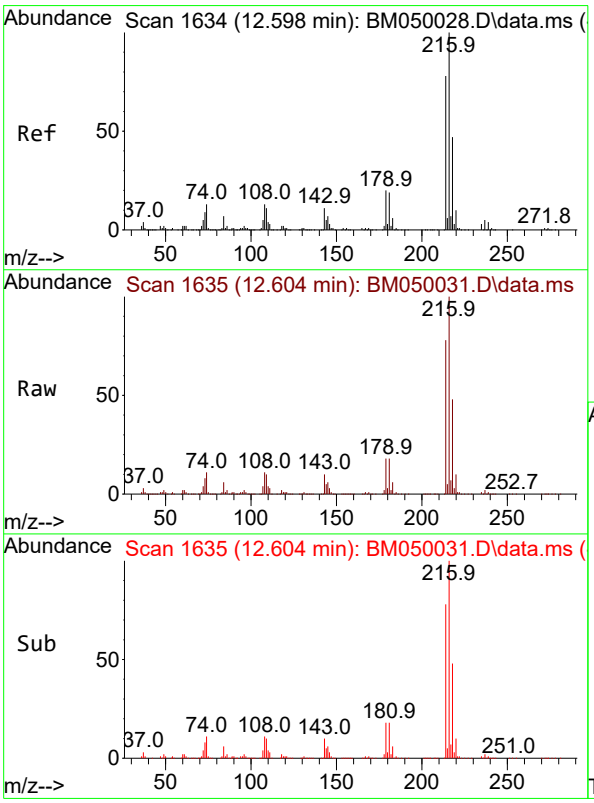
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 613490

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.4	119.0
160	45.0	36.2	54.4

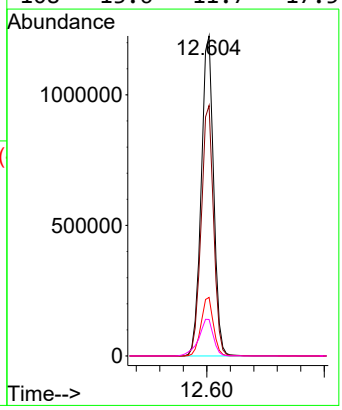


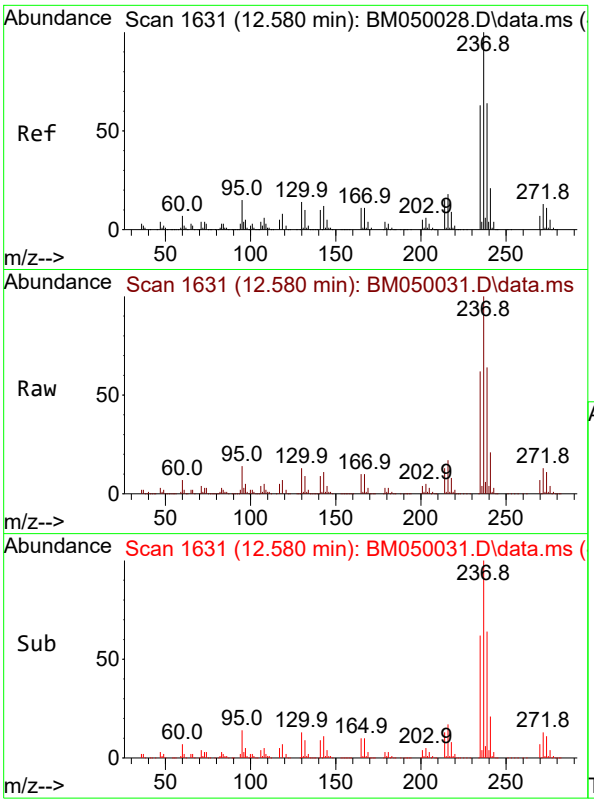


#40
1,2,4,5-Tetrachlorobenzene
Concen: 84.742 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:216 Resp: 1799698

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.3	93.5
179	18.4	15.4	23.0
108	13.6	11.7	17.5



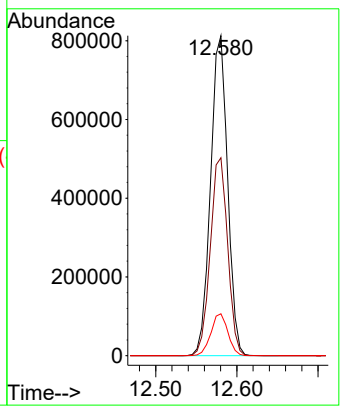


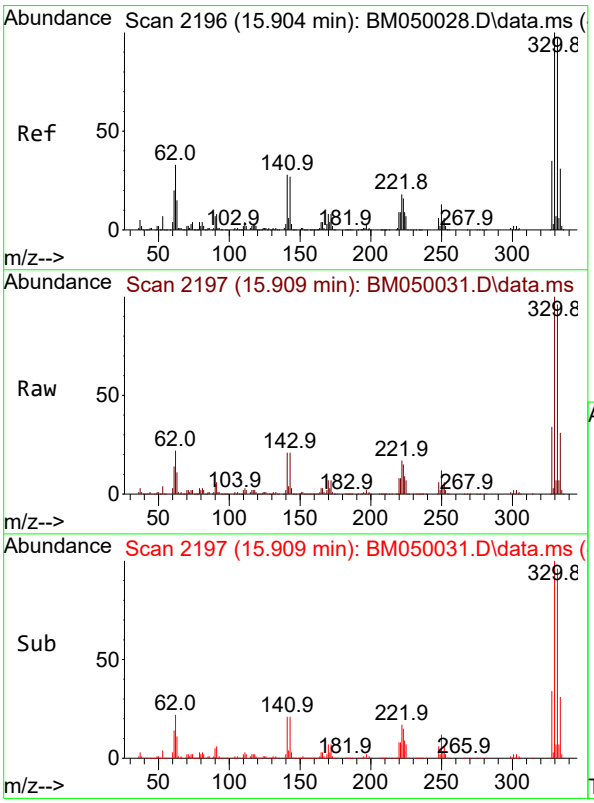
#41
Hexachlorocyclopentadiene
Concen: 91.336 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 1185418

Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.9	82.9
272	13.1	0.0	32.9

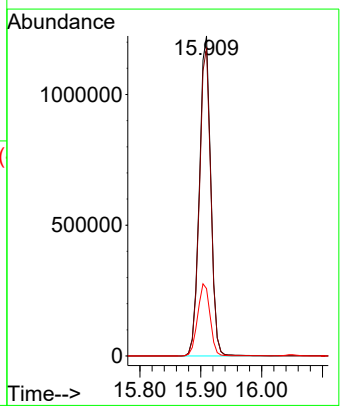


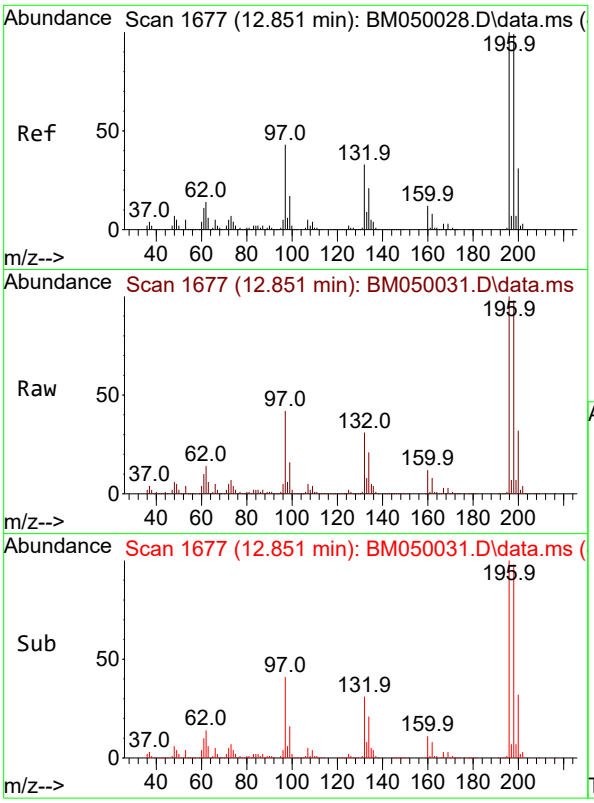


#42
2,4,6-Tribromophenol
Concen: 174.847 ng
RT: 15.909 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:330 Resp: 1586083

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	24.7	22.5	33.7



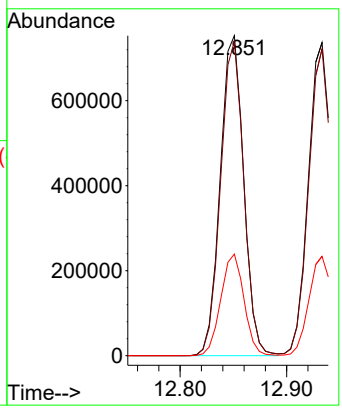


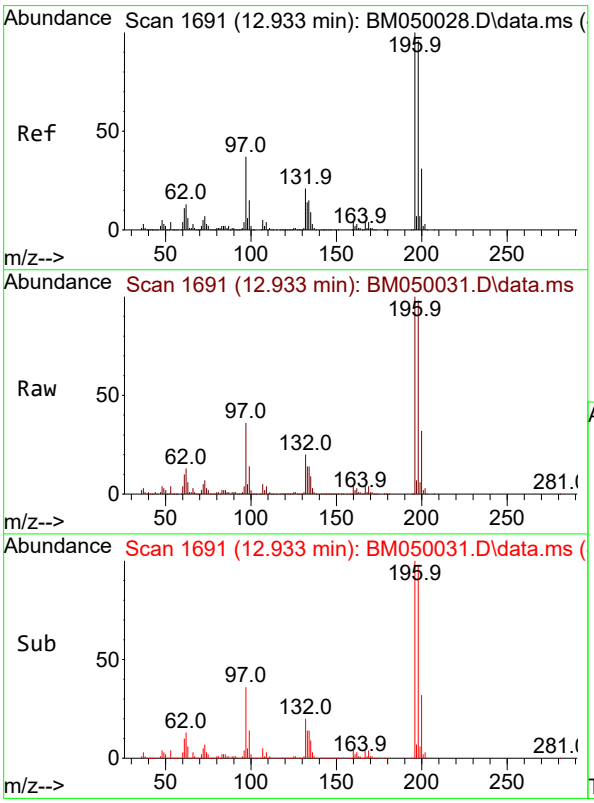
#43
2,4,6-Trichlorophenol
Concen: 85.496 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1151641

Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.0	118.6
200	31.7	25.1	37.7

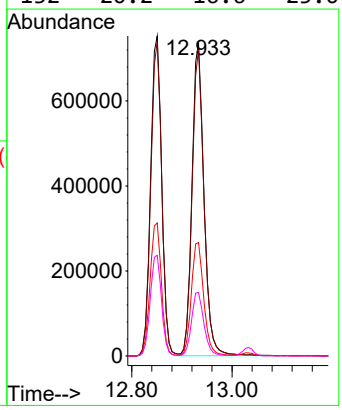


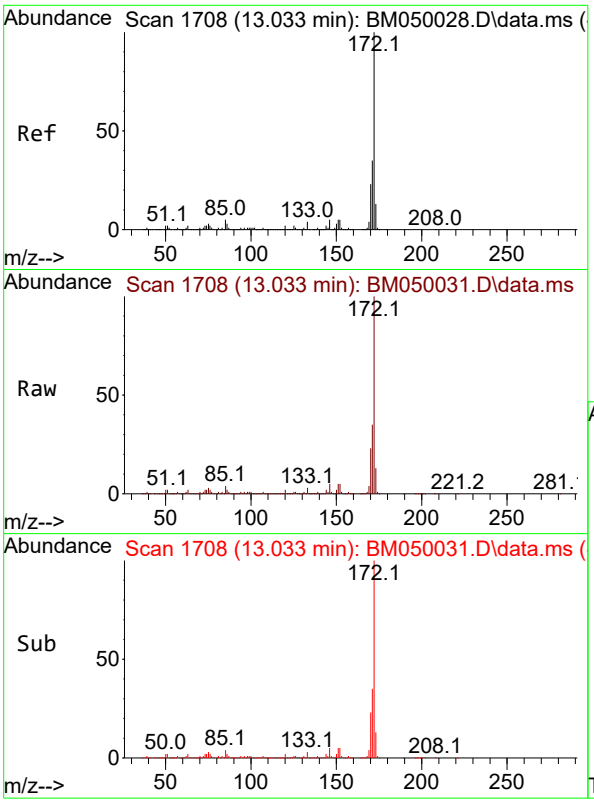


#44
2,4,5-Trichlorophenol
Concen: 84.011 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:196 Resp: 1220306

Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.7	115.1
97	36.2	30.1	45.1
132	20.2	16.6	25.0



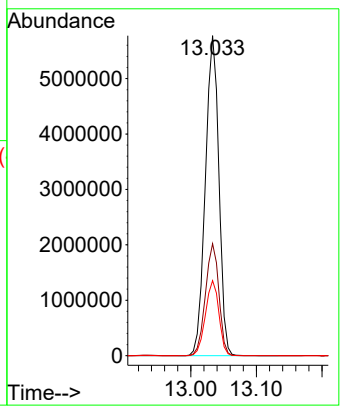


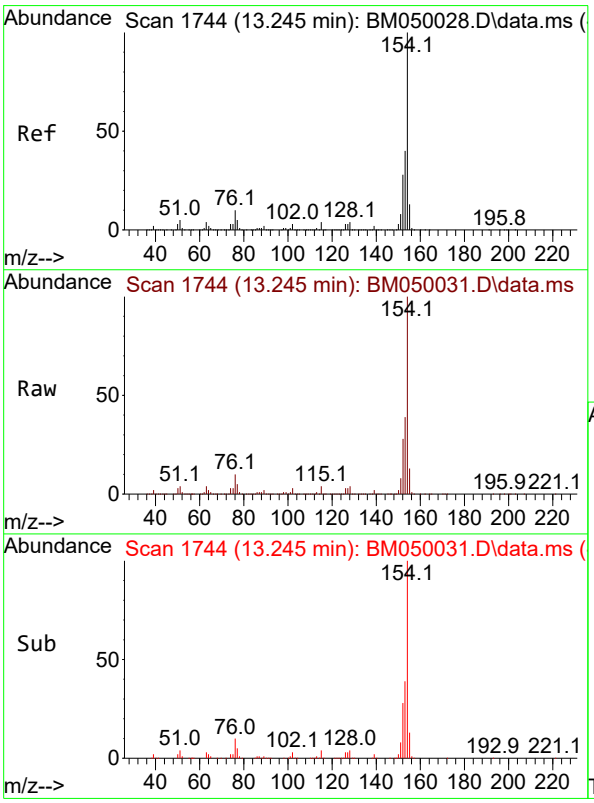
#45
2-Fluorobiphenyl
Concen: 159.736 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 8283812

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.5	18.6	28.0

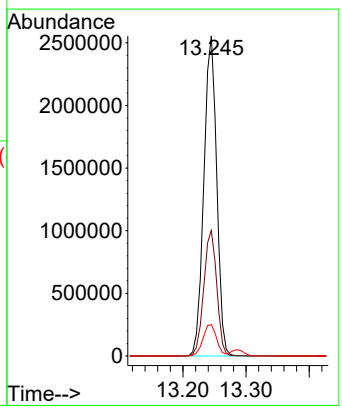


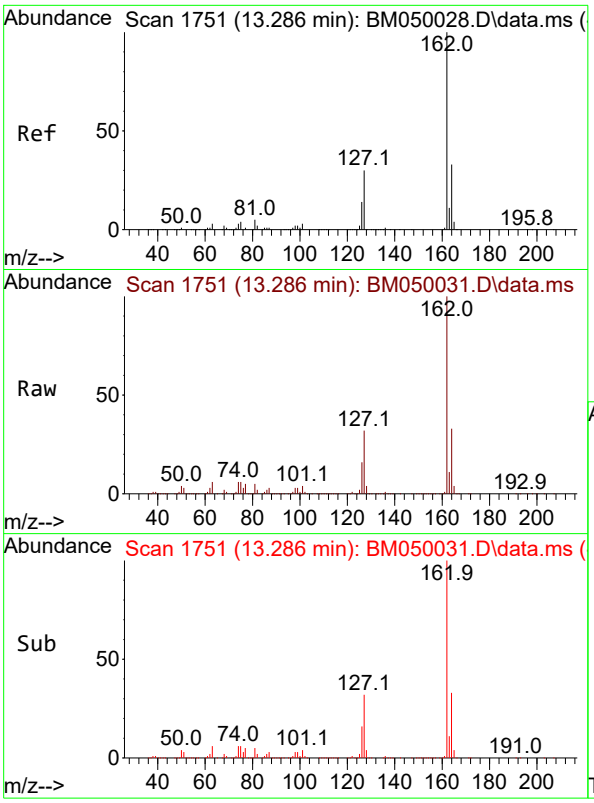


#46
1,1'-Biphenyl
Concen: 79.246 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:154 Resp: 3613893

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.0	60.0
76	9.8	0.0	30.3



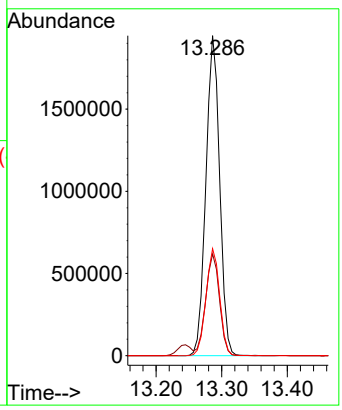


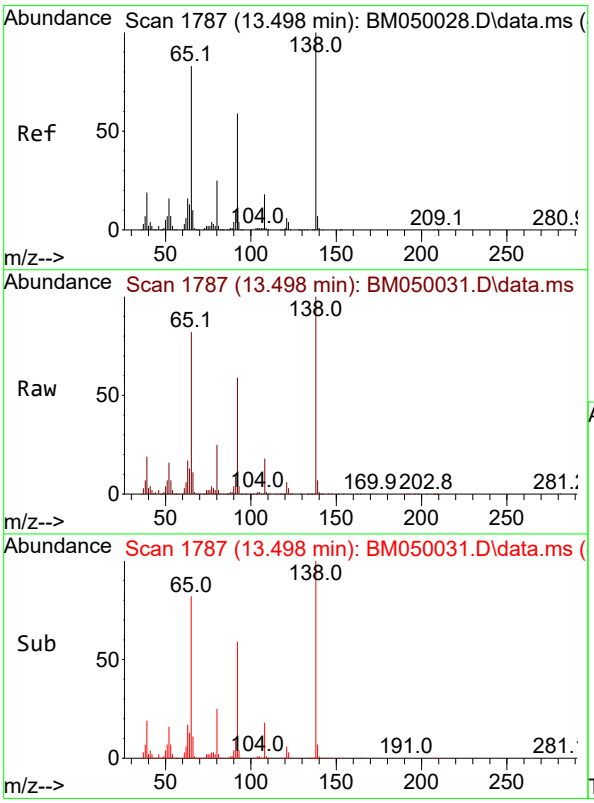
#47
2-Chloronaphthalene
Concen: 78.700 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 2842514

Ion	Ratio	Lower	Upper
162	100		
127	31.8	25.9	38.9
164	33.4	26.6	40.0

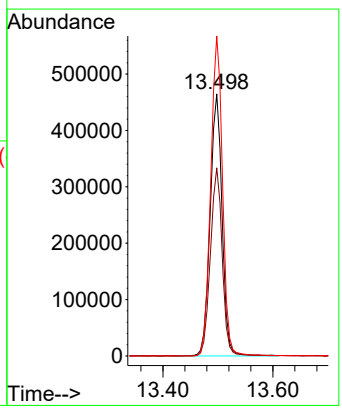


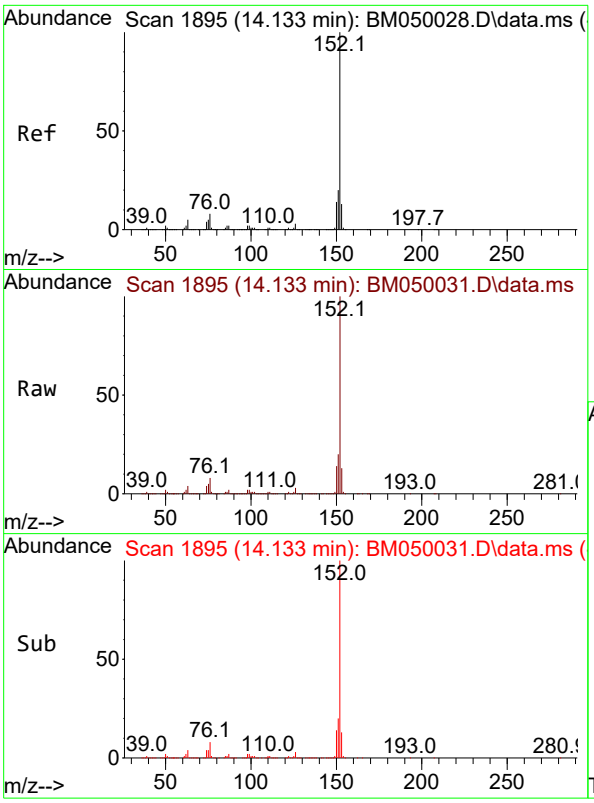


#48
2-Nitroaniline
Concen: 82.725 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 65 Resp: 701256

Ion	Ratio	Lower	Upper
65	100		
92	71.8	57.1	85.7
138	122.1	97.0	145.4



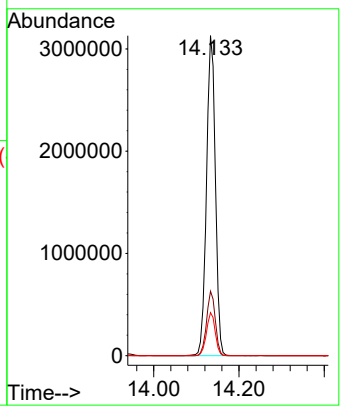


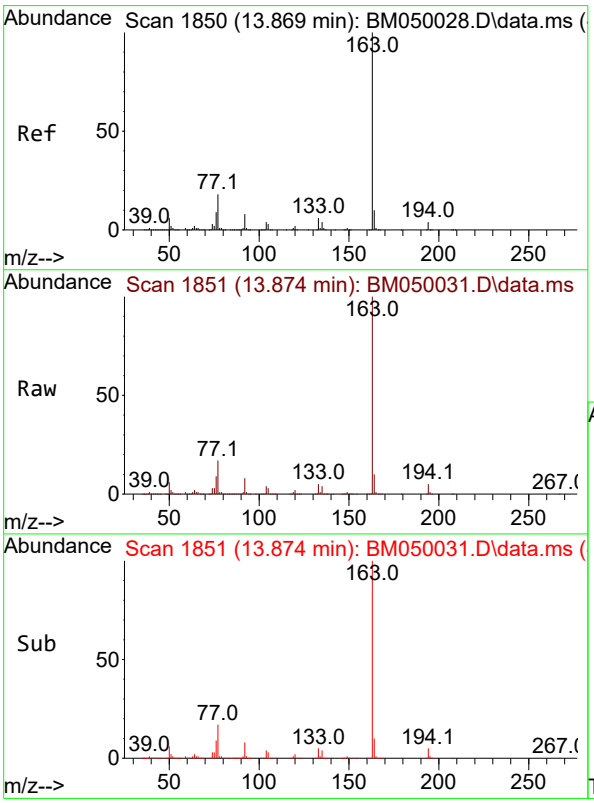
#49
Acenaphthylene
Concen: 79.492 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 4526874

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.4	10.6	15.8

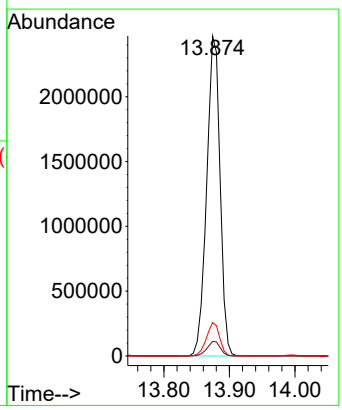


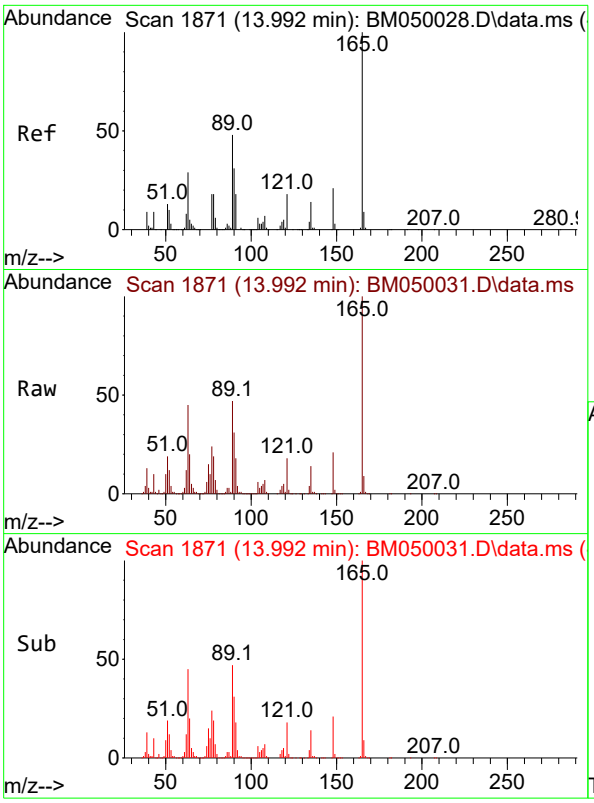


#50
Dimethylphthalate
Concen: 78.228 ng
RT: 13.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:163 Resp: 3507333

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.4	8.2	12.2



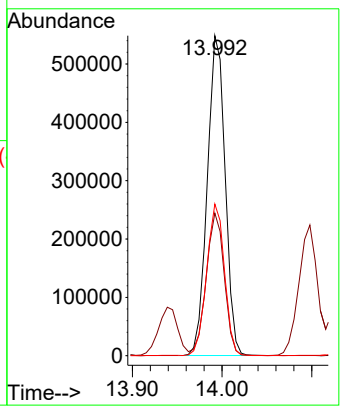


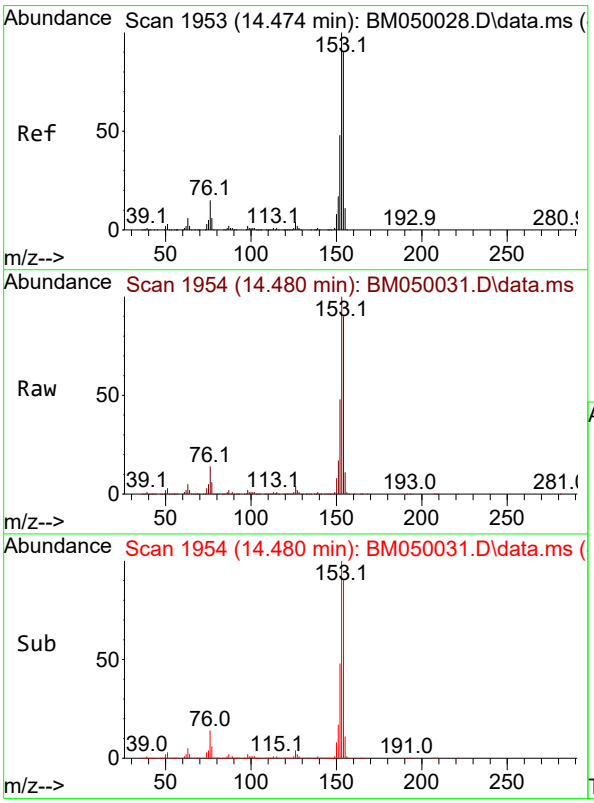
#51
2,6-Dinitrotoluene
Concen: 81.689 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 758296

Ion	Ratio	Lower	Upper
165	100		
63	44.6	35.1	52.7
89	47.4	38.4	57.6

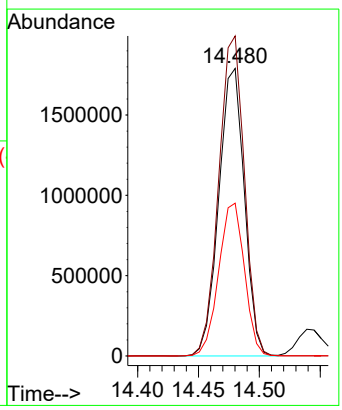


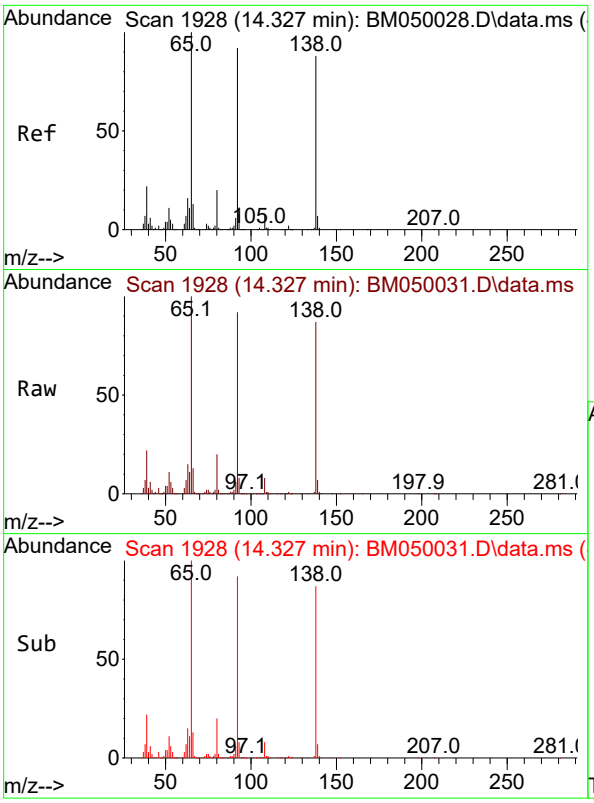


#52
Acenaphthene
Concen: 79.452 ng
RT: 14.480 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:154 Resp: 2618967

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.0	133.4
152	53.1	43.0	64.6



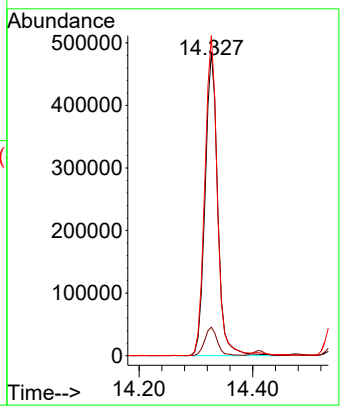


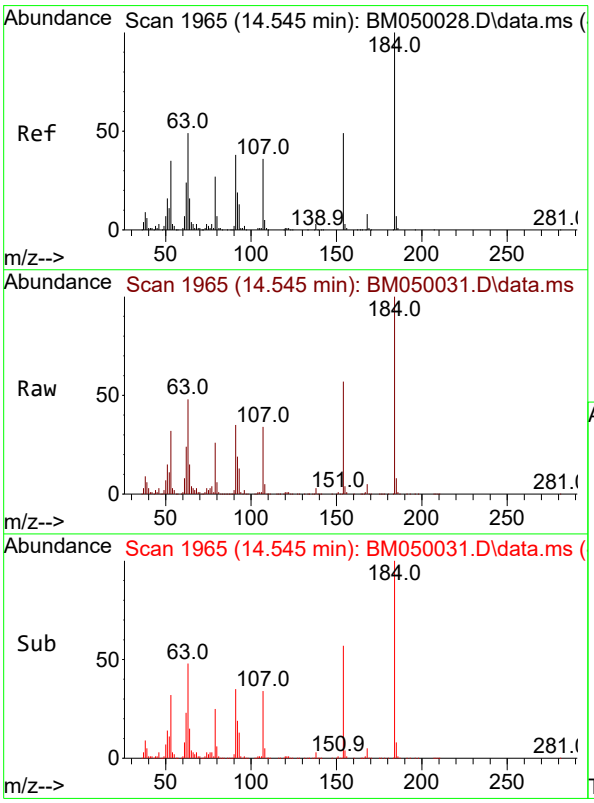
#53
3-Nitroaniline
Concen: 83.521 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 740202

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.4	11.2
92	105.4	84.0	126.0

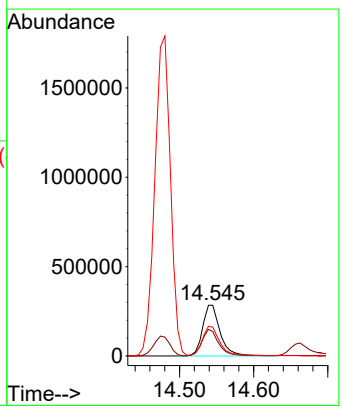


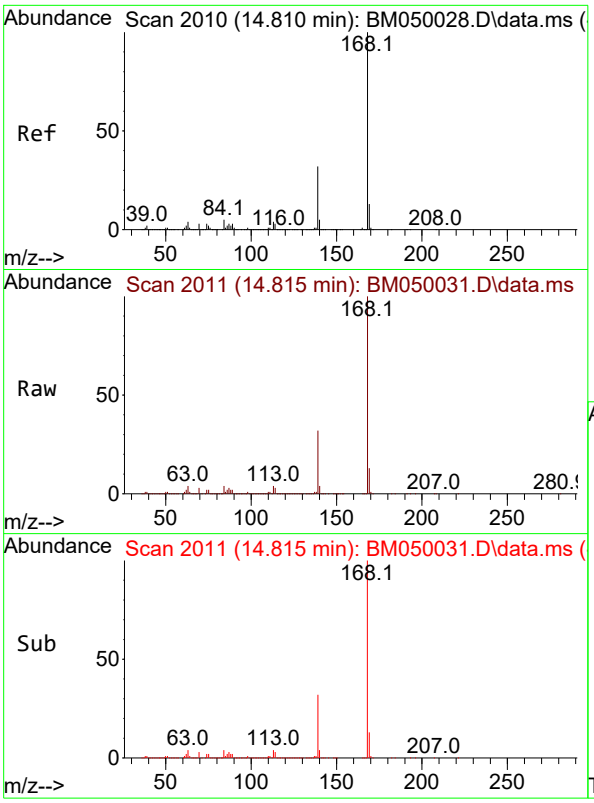


#54
2,4-Dinitrophenol
Concen: 79.096 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:184 Resp: 469472

Ion	Ratio	Lower	Upper
184	100		
63	48.1	39.8	59.6
154	57.0	46.1	69.1



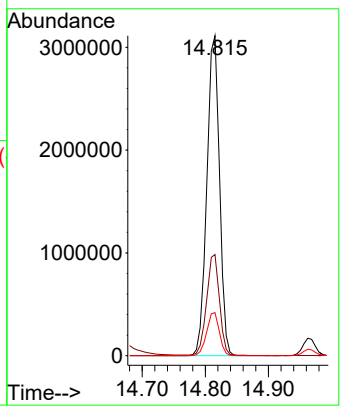


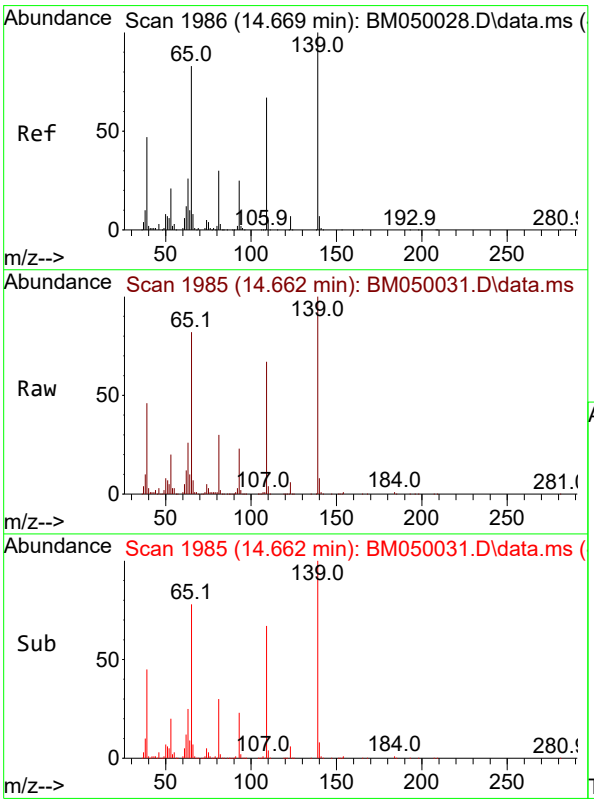
#55
Dibenzofuran
Concen: 78.875 ng
RT: 14.815 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 4325783

Ion	Ratio	Lower	Upper
168	100		
139	31.6	26.1	39.1
169	13.5	10.8	16.2

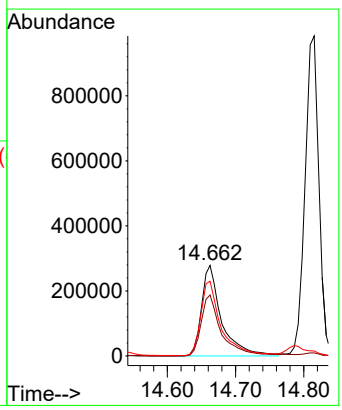


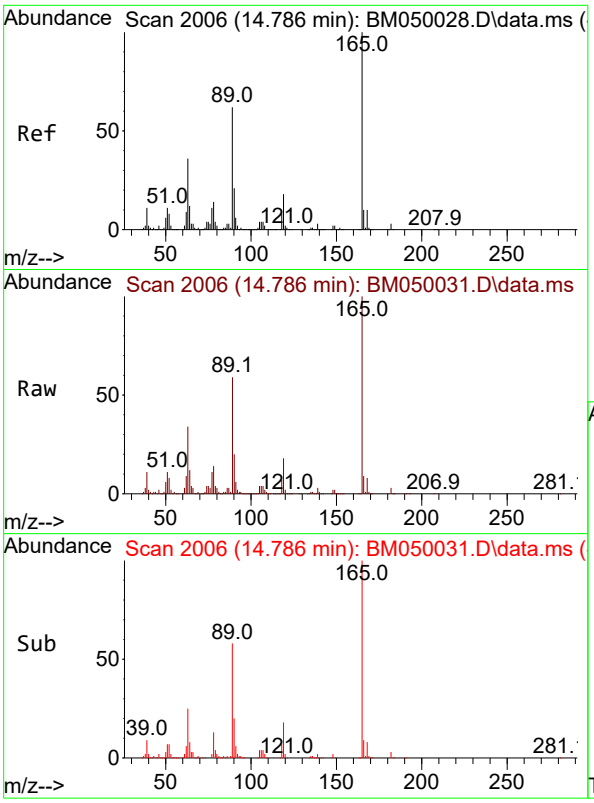


#56
4-Nitrophenol
Concen: 78.710 ng
RT: 14.662 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:139 Resp: 566943

Ion	Ratio	Lower	Upper
139	100		
109	67.2	47.0	87.0
65	82.5	64.3	104.3



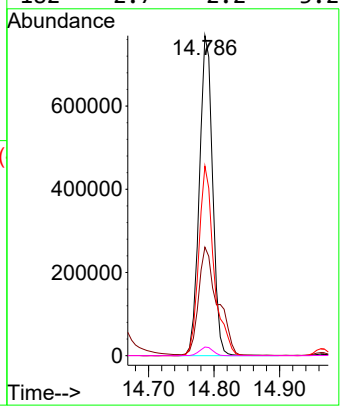


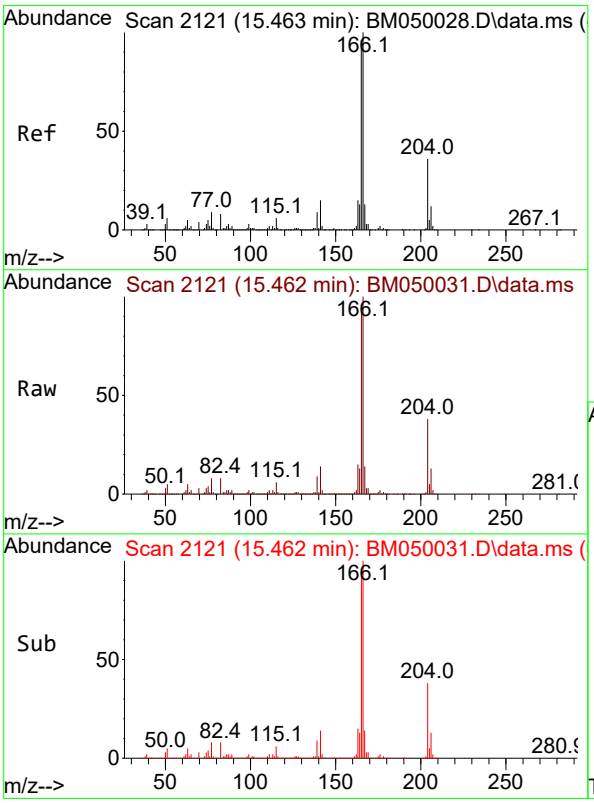
#57
2,4-Dinitrotoluene
Concen: 84.207 ng
RT: 14.786 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 1080118

Ion	Ratio	Lower	Upper
165	100		
63	33.9	29.0	43.6
89	59.2	49.4	74.2
182	2.7	2.2	3.2

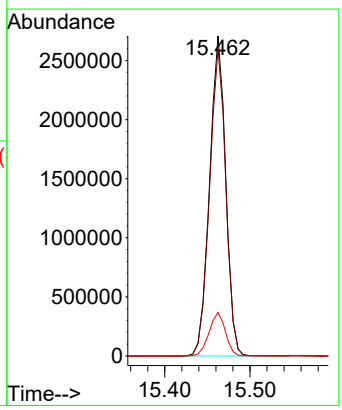


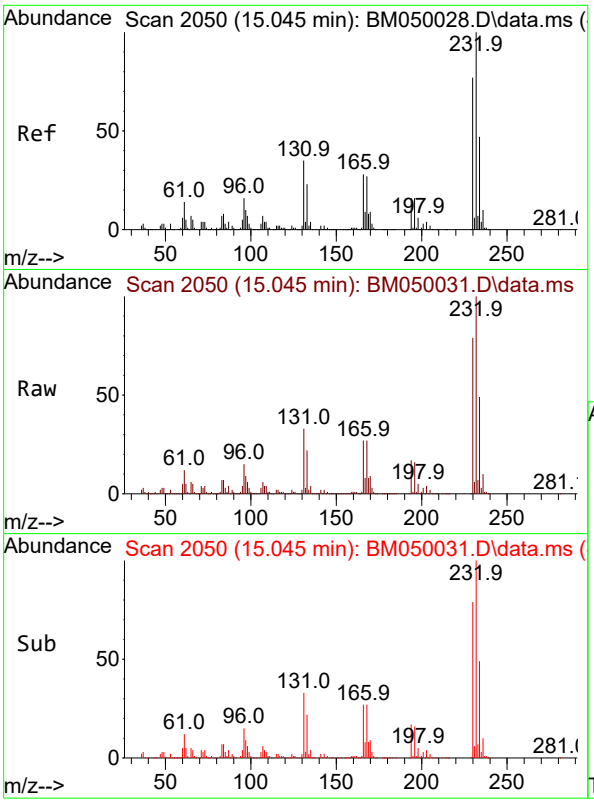


#58
Fluorene
Concen: 79.426 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:166 Resp: 3565506

Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.6	115.0
167	13.6	10.6	16.0



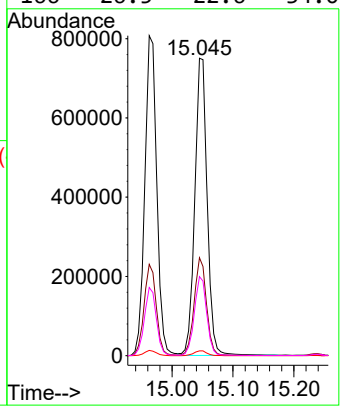


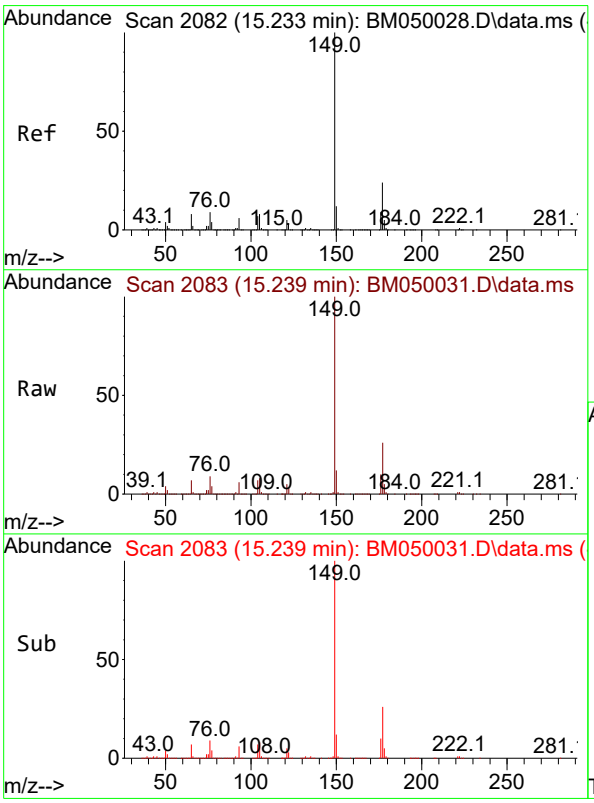
#59
2,3,4,6-Tetrachlorophenol
Concen: 84.123 ng
RT: 15.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 1057707

Ion	Ratio	Lower	Upper
232	100		
131	32.8	28.2	42.4
130	1.7	1.5	2.3
166	26.5	22.6	34.0

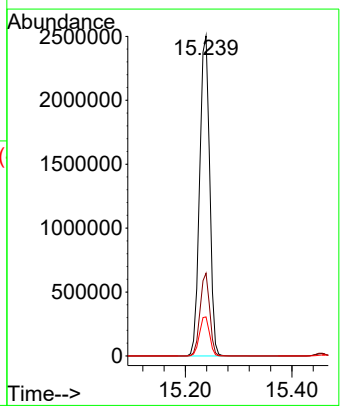


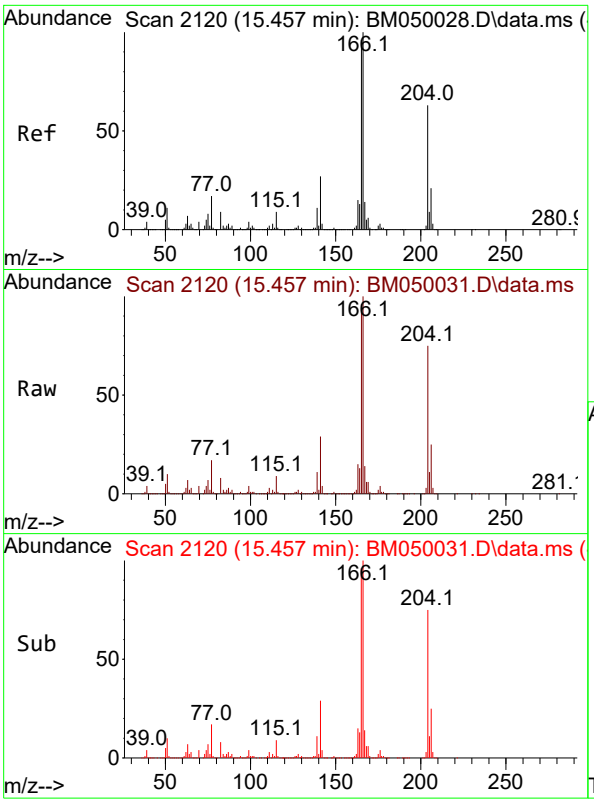


#60
Diethylphthalate
Concen: 77.118 ng
RT: 15.239 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 3257954

Ion	Ratio	Lower	Upper
149	100		
177	25.8	19.1	28.7
150	12.2	9.6	14.4



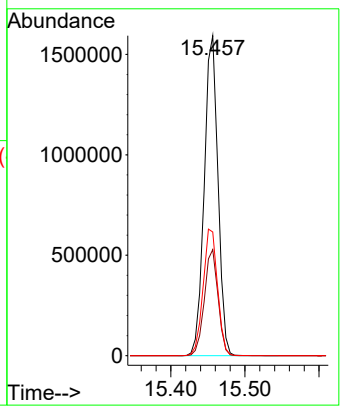


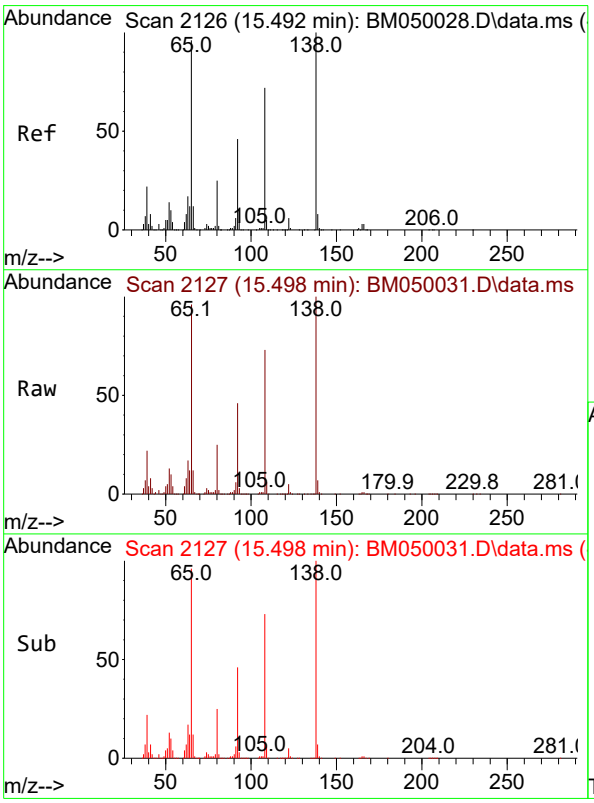
#61
4-Chlorophenyl-phenylether
Concen: 83.186 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 2051105

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	38.7	34.0	51.0

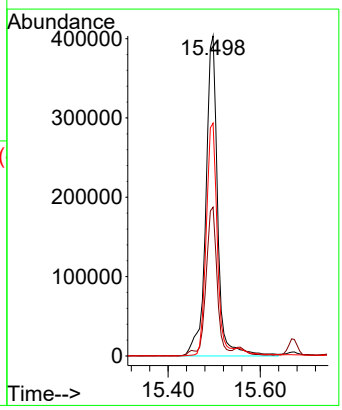


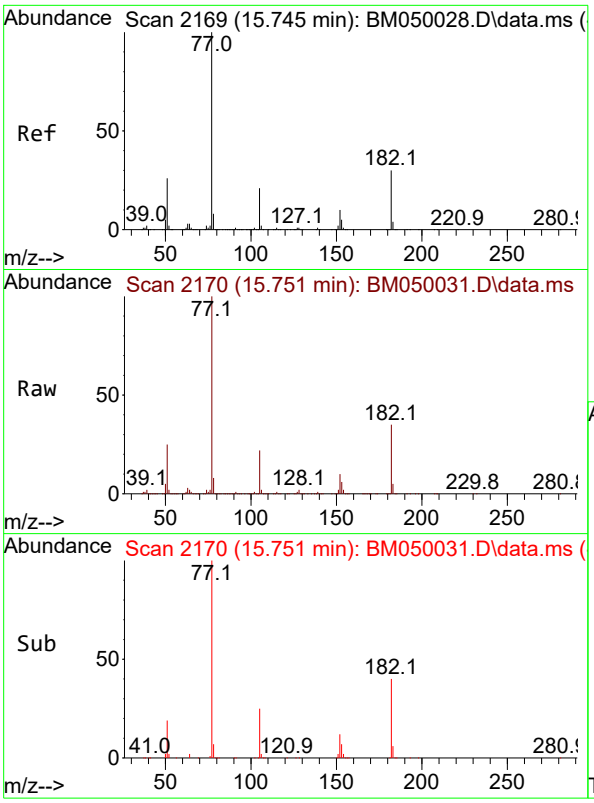


#62
4-Nitroaniline
Concen: 84.678 ng
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:138 Resp: 724549

Ion	Ratio	Lower	Upper
138	100		
92	46.5	25.9	65.9
108	72.8	52.4	92.4



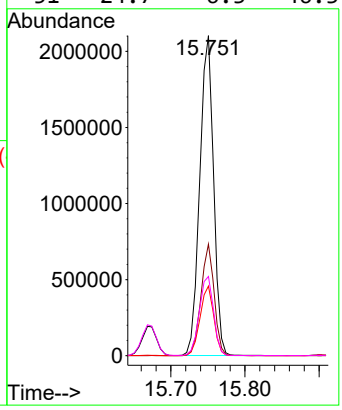


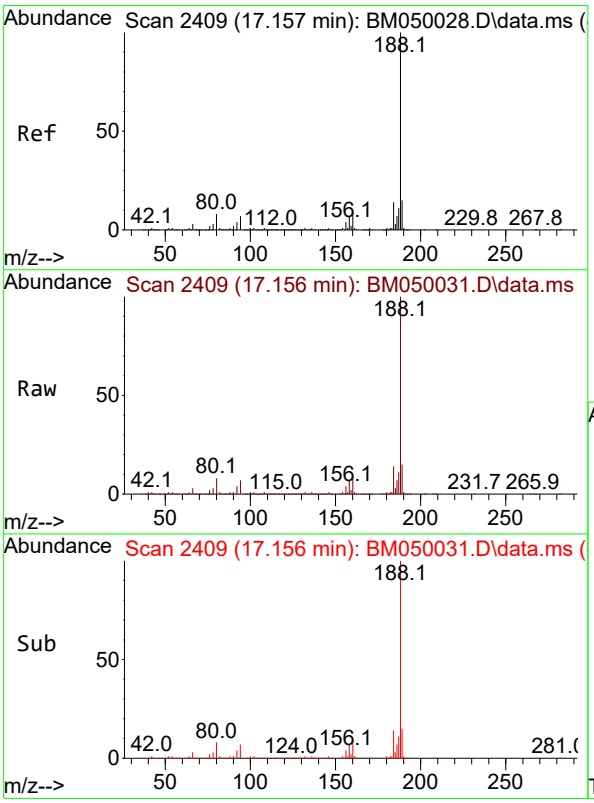
#63
Azobenzene
Concen: 76.914 ng
RT: 15.751 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 2723186

Ion	Ratio	Lower	Upper
77	100		
182	34.9	10.5	50.5
105	21.7	1.1	41.1
51	24.7	6.3	46.3

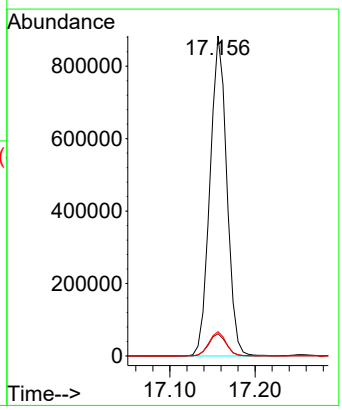


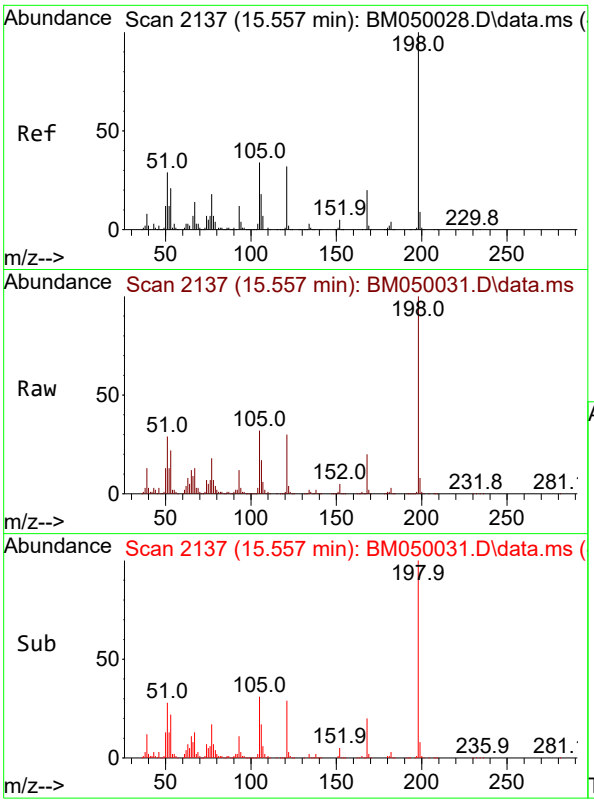


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:188 Resp: 1212251

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.6	6.2	9.4



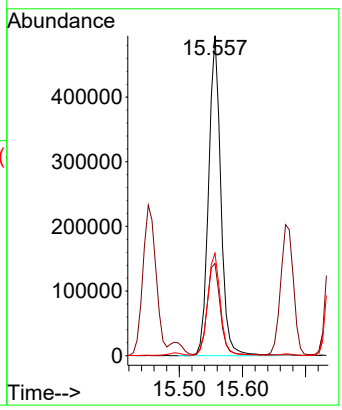


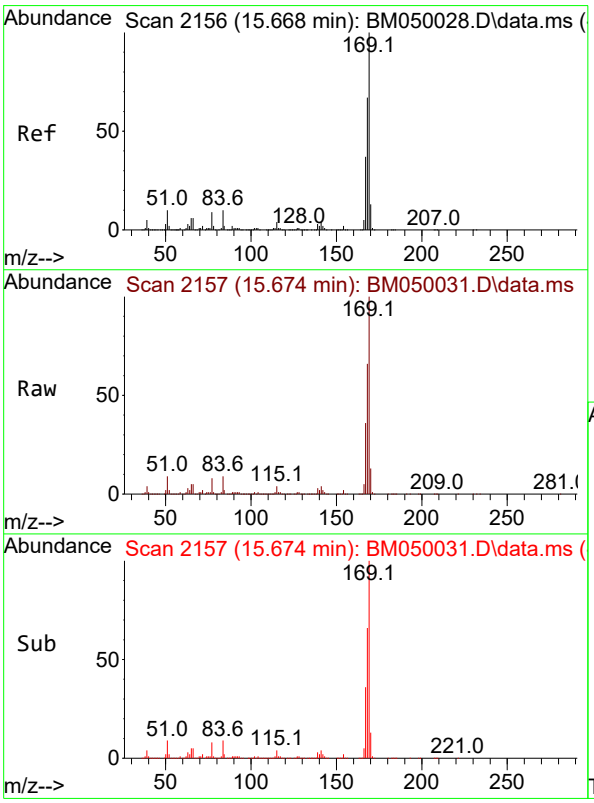
#65
4,6-Dinitro-2-methylphenol
Concen: 87.741 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 665798

Ion	Ratio	Lower	Upper
198	100		
51	28.8	10.4	50.4
105	32.0	14.6	54.6

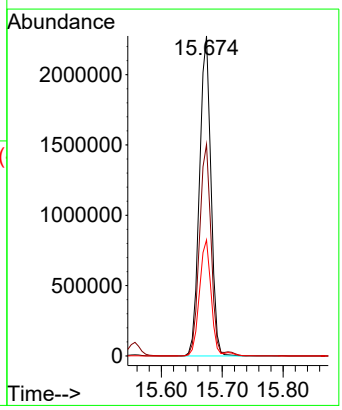


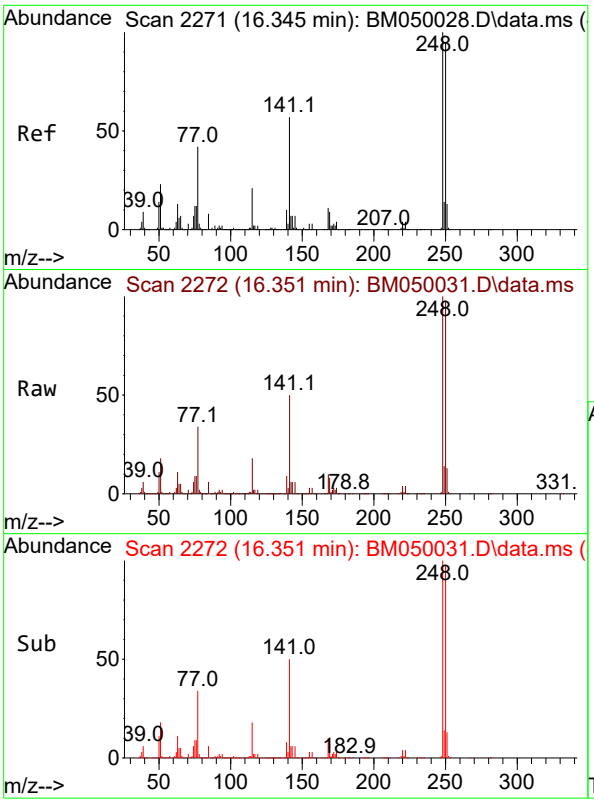


#66
n-Nitrosodiphenylamine
Concen: 79.443 ng
RT: 15.674 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:169 Resp: 2957293

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.4	80.2
167	36.3	29.4	44.0



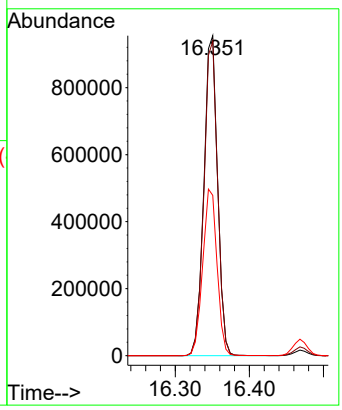


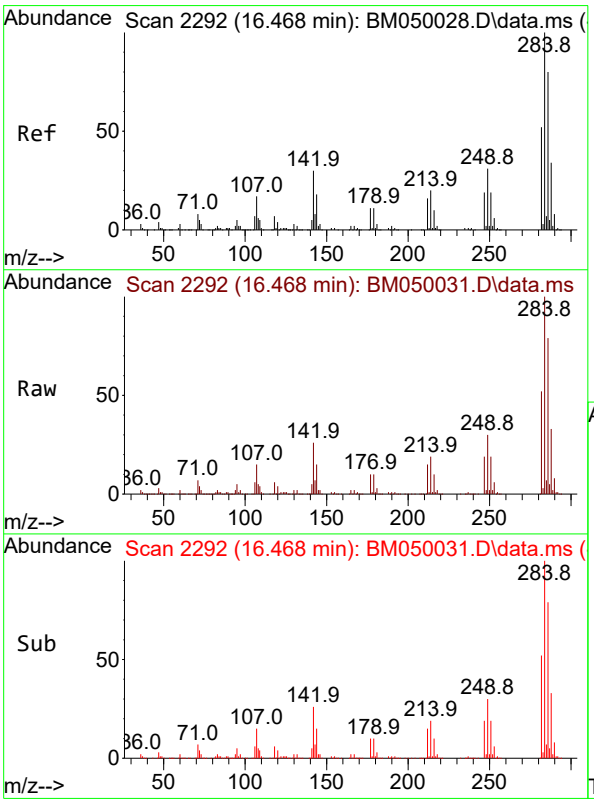
#67
4-Bromophenyl-phenylether
Concen: 83.600 ng
RT: 16.351 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 1225531

Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.2	114.2
141	50.1	45.9	68.9

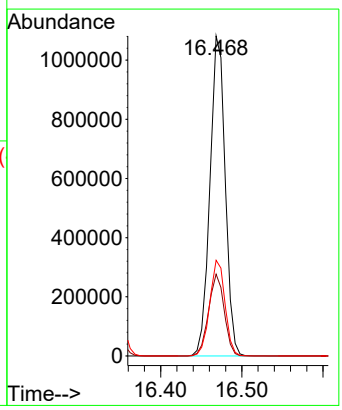


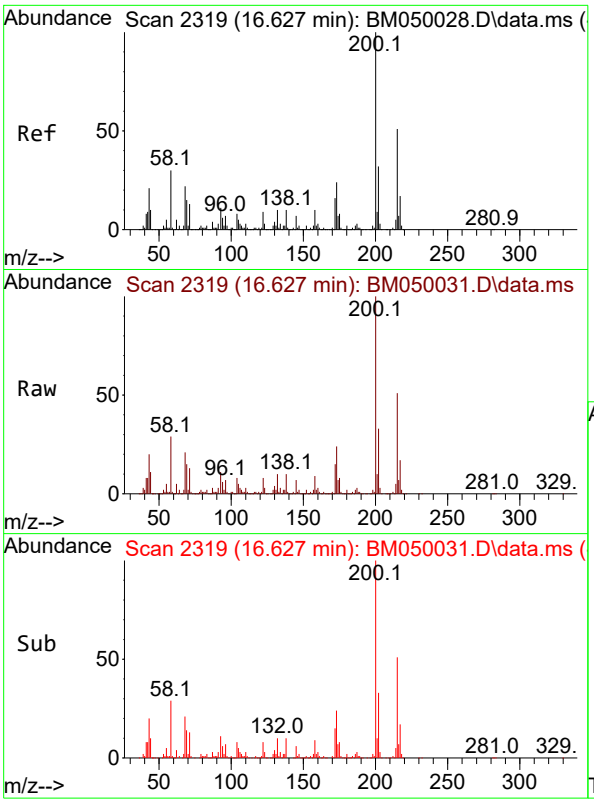


#68
Hexachlorobenzene
Concen: 83.606 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:284 Resp: 1412768

Ion	Ratio	Lower	Upper
284	100		
142	25.5	23.9	35.9
249	29.9	24.5	36.7



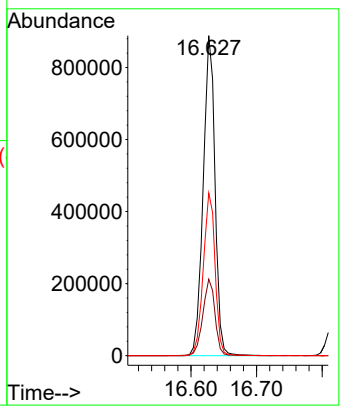


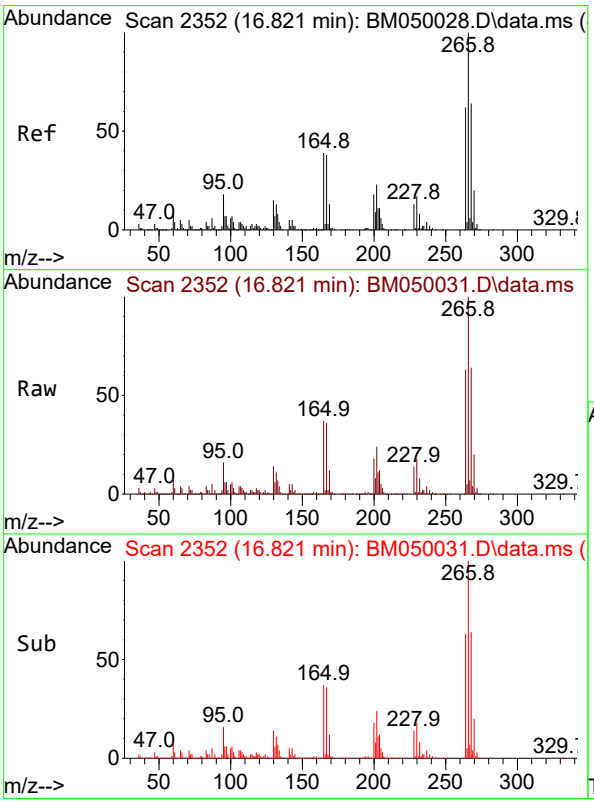
#69
Atrazine
Concen: 83.174 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 1116818

Ion	Ratio	Lower	Upper
200	100		
173	23.9	4.3	44.3
215	50.8	30.6	70.6

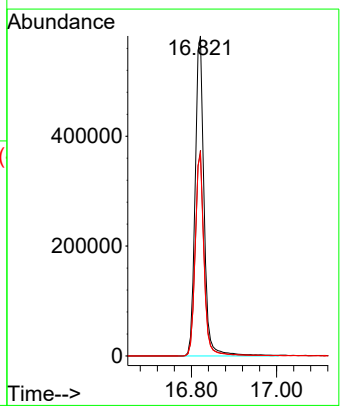


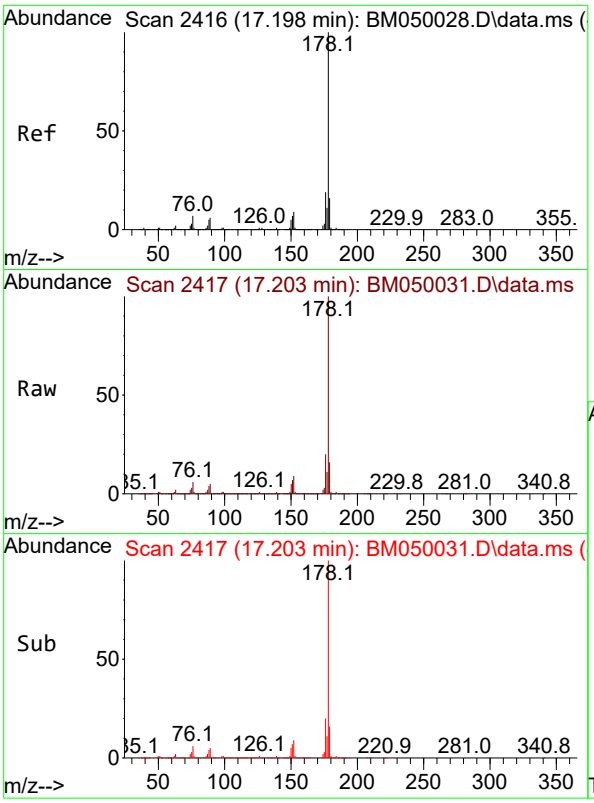


#70
Pentachlorophenol
Concen: 88.648 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:266 Resp: 843195

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.2	76.8
264	63.1	49.6	74.4



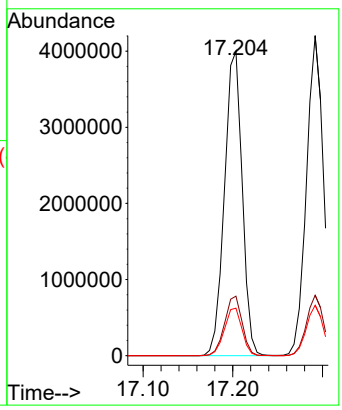


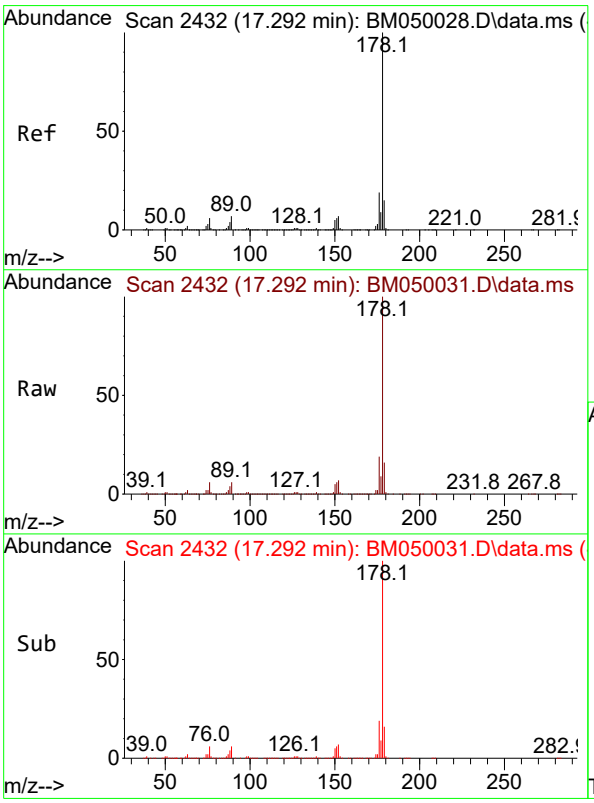
#71
Phenanthrene
Concen: 80.266 ng
RT: 17.203 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 5487968

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.6	12.4	18.6

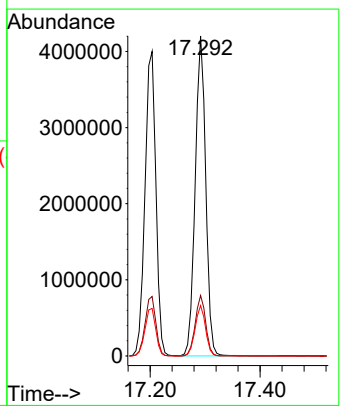


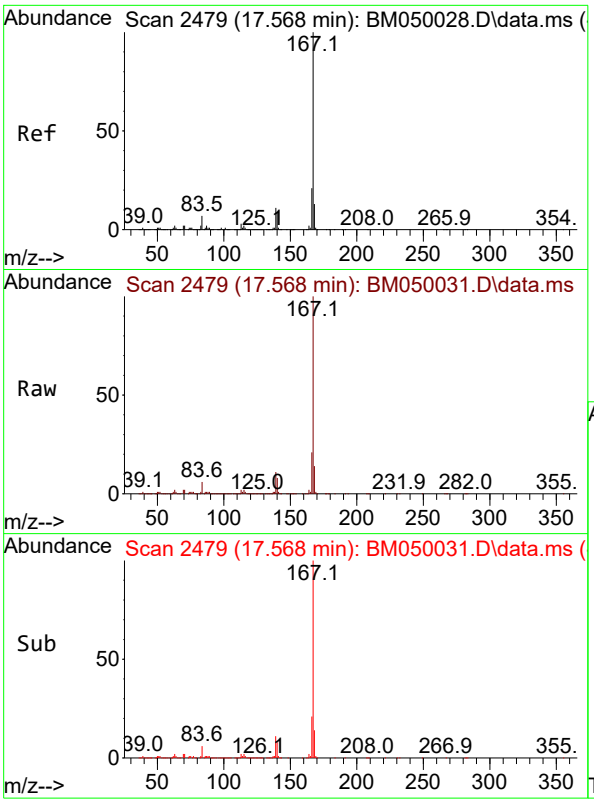


#72
Anthracene
Concen: 80.893 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:178 Resp: 5597195

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.8	12.2	18.4



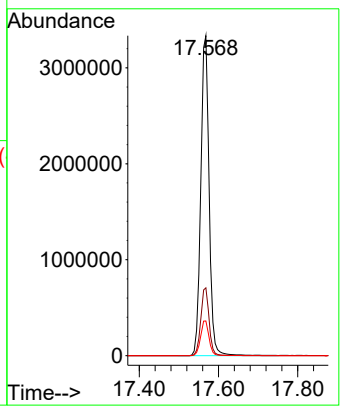


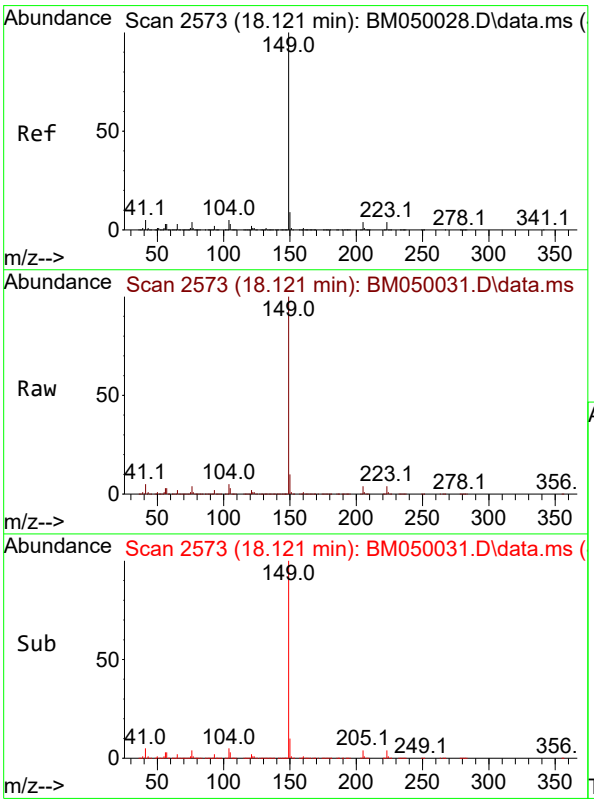
#73
Carbazole
Concen: 80.705 ng
RT: 17.568 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 4845637

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	10.8	9.0	13.6

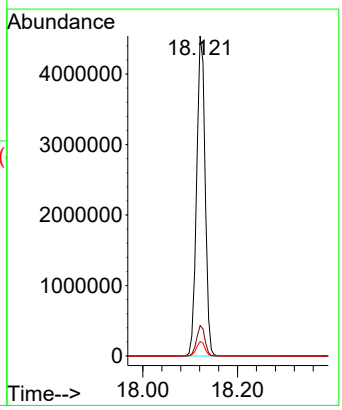


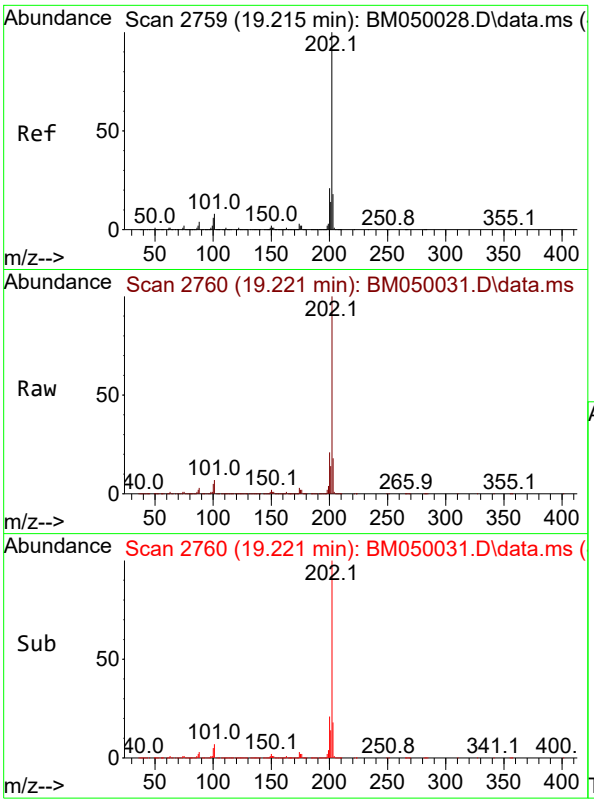


#74
Di-n-butylphthalate
Concen: 79.007 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 5649166

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.5	3.8	5.6



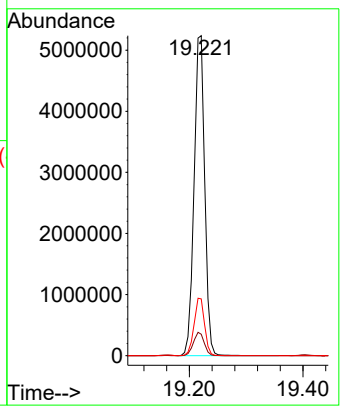


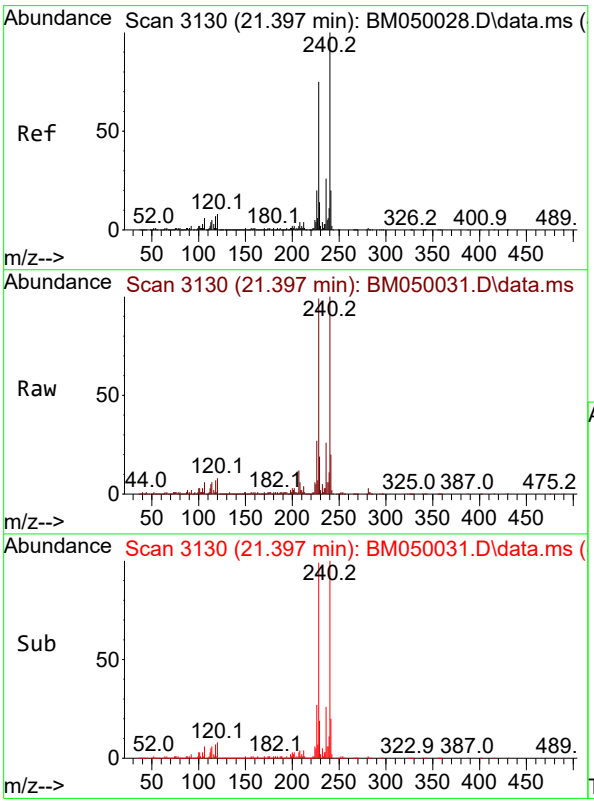
#75
Fluoranthene
Concen: 85.234 ng
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 6841999

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.0
203	17.7	0.0	37.7

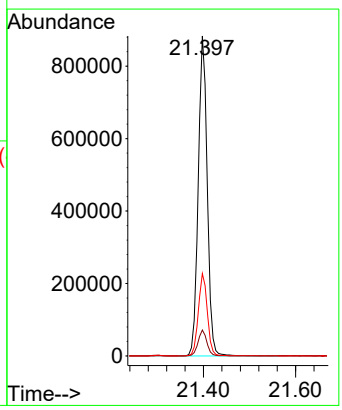


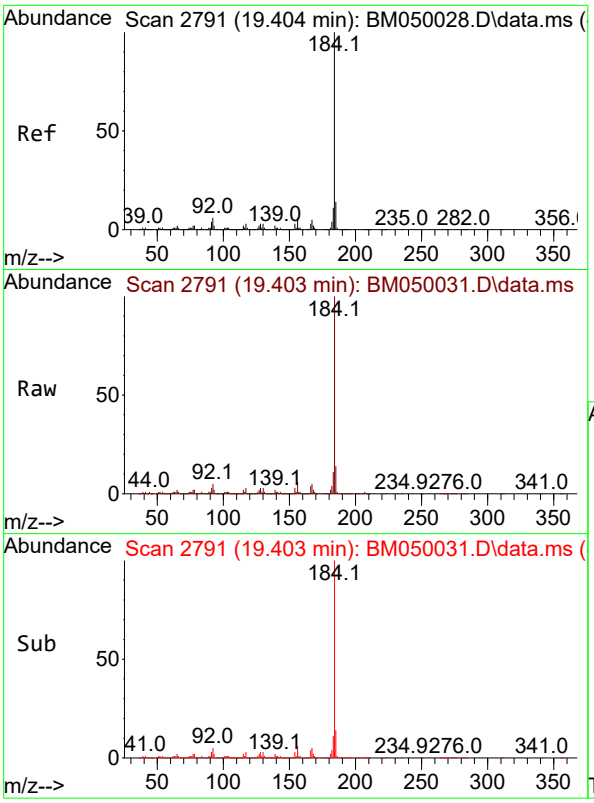


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:240 Resp: 1197780

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	25.8	20.9	31.3



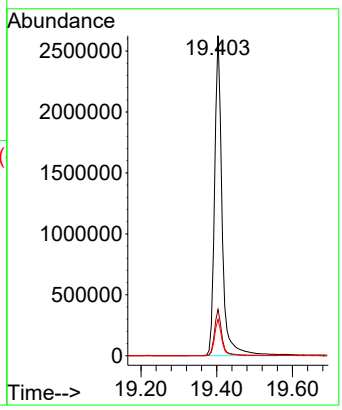


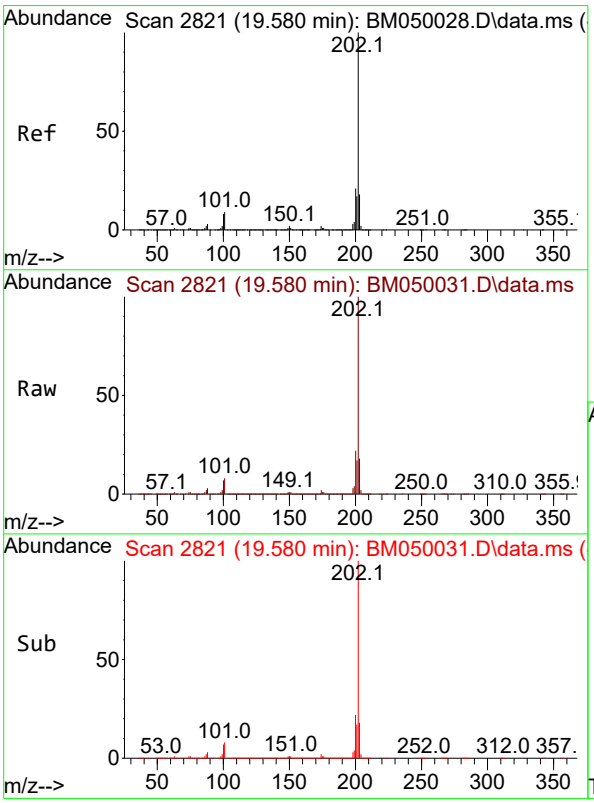
#77
Benzidine
Concen: 84.575 ng
RT: 19.403 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 3598340

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.3	8.9	13.3

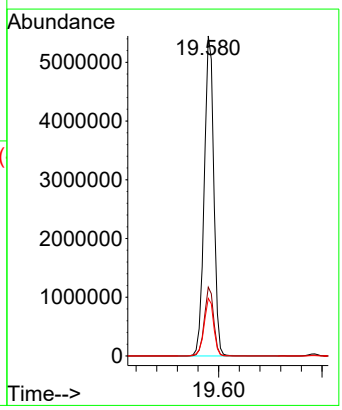


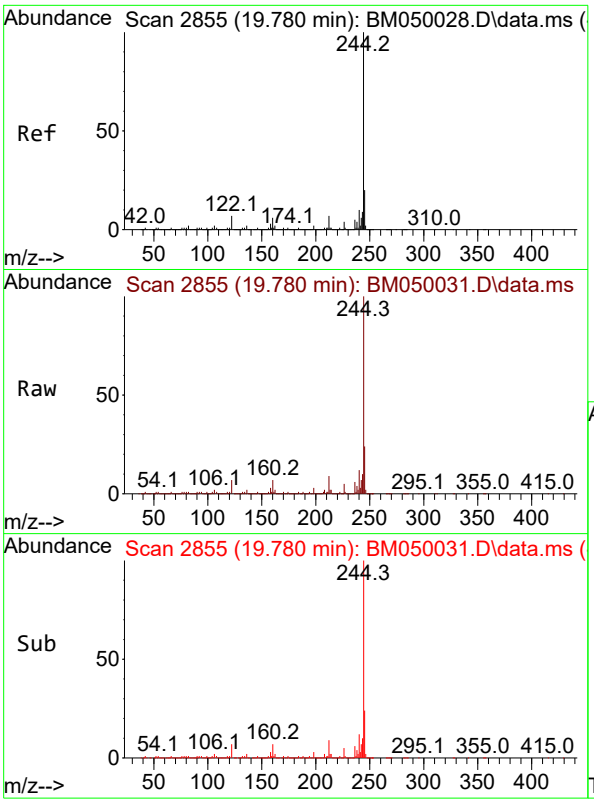


#78
Pyrene
Concen: 82.738 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:202 Resp: 6959279

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	18.0	14.1	21.1



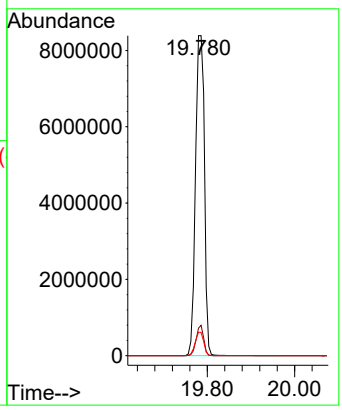


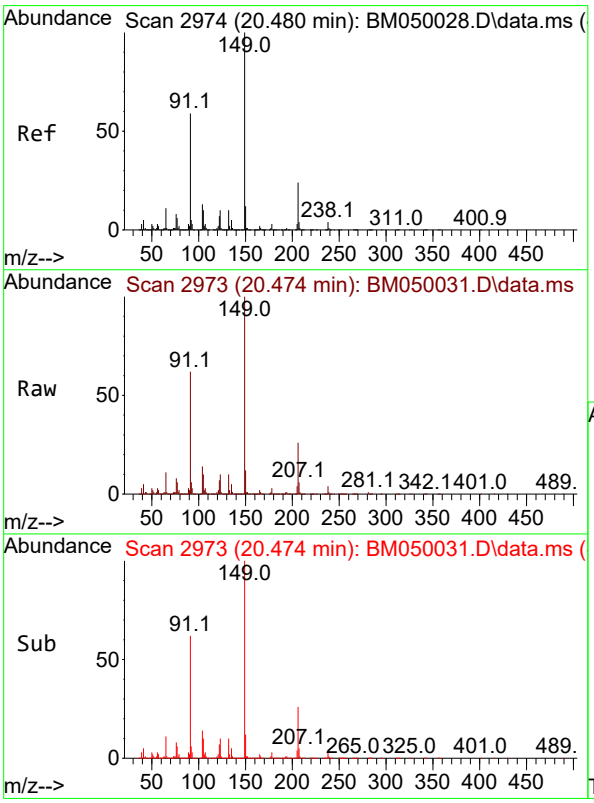
#79
Terphenyl-d14
Concen: 146.730 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp:11877110

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.6	8.4#
122	7.3	5.6	8.4

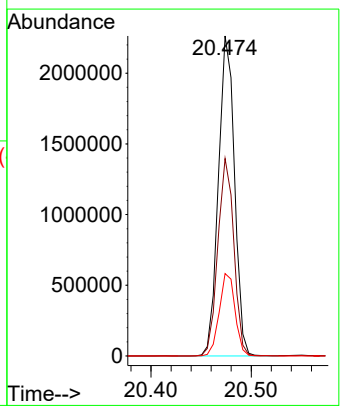


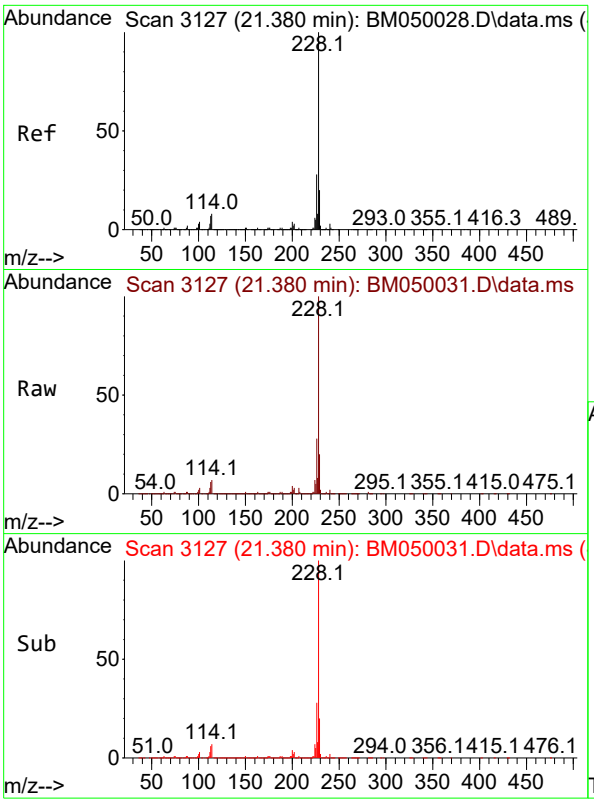


#80
Butylbenzylphthalate
Concen: 79.760 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 2512705

Ion	Ratio	Lower	Upper
149	100		
91	61.7	47.4	71.2
206	25.7	19.4	29.0



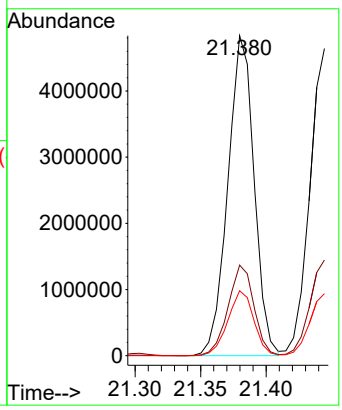


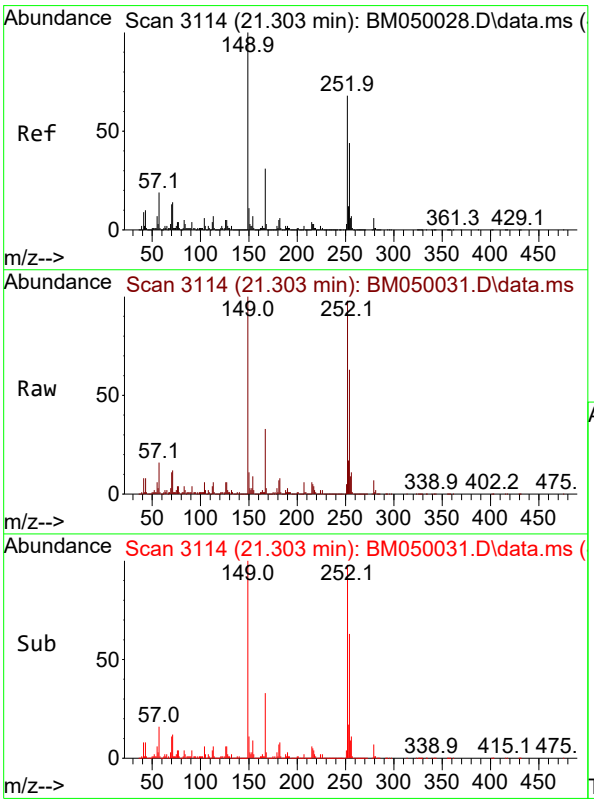
#81
Benzo(a)anthracene
Concen: 81.808 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 6747718

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.3	15.7	23.5

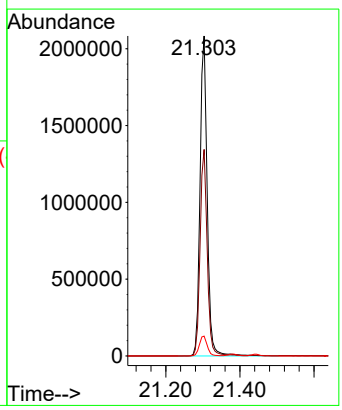


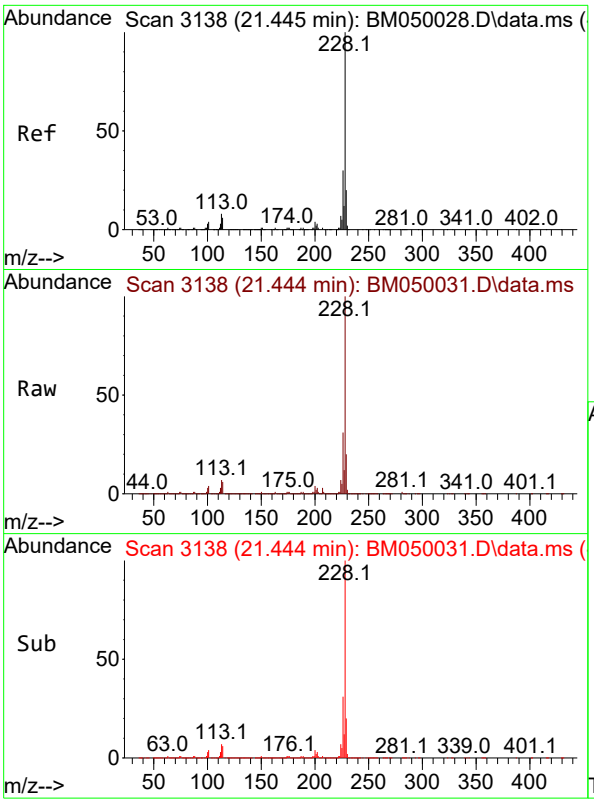


#82
3,3'-Dichlorobenzidine
Concen: 88.111 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 2782107

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.8	77.6
126	6.2	6.0	9.0



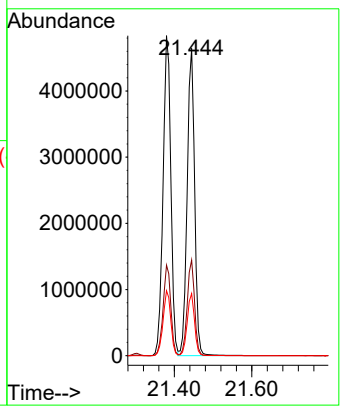


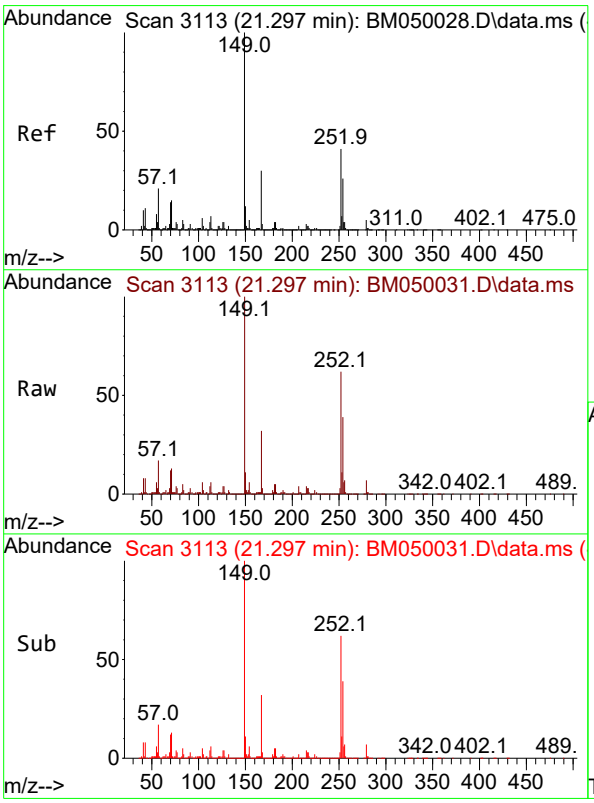
#83
Chrysene
Concen: 81.316 ng
RT: 21.444 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 6207632

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	20.2	15.7	23.5

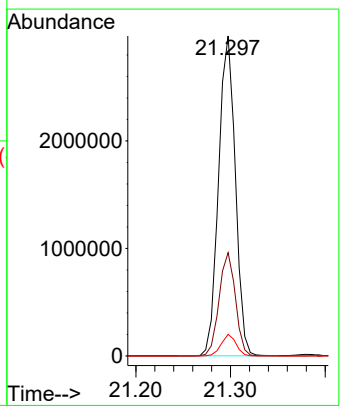


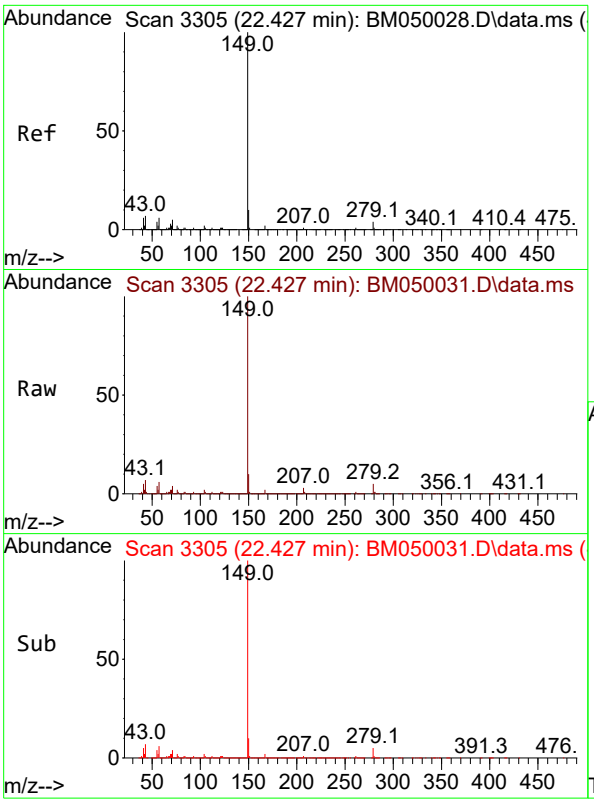


#84
Bis(2-ethylhexyl)phthalate
Concen: 77.905 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 3665836

Ion	Ratio	Lower	Upper
149	100		
167	32.3	24.1	36.1
279	6.7	3.9	5.9#



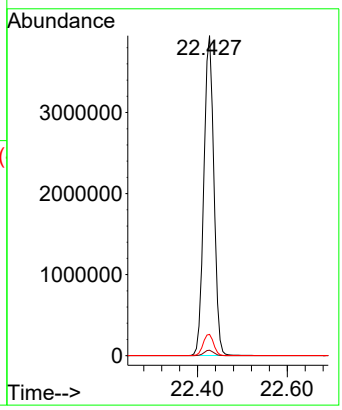


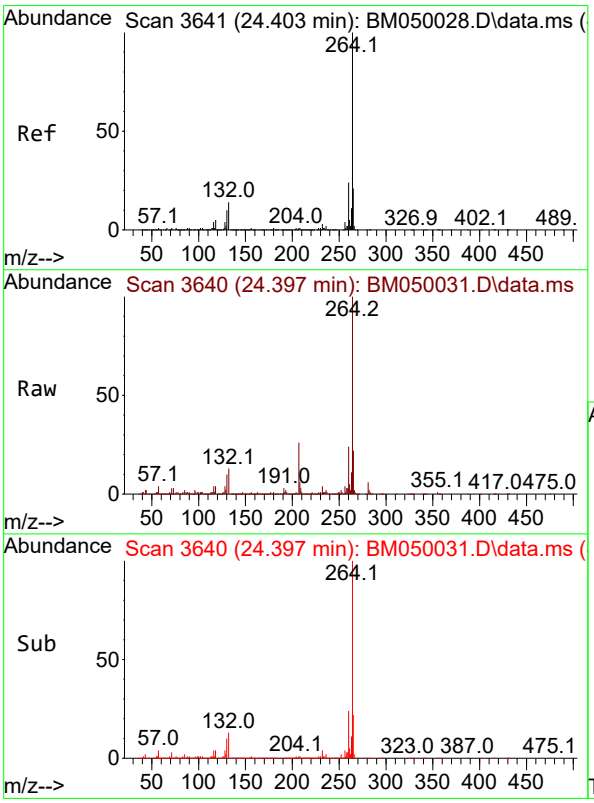
#85
Di-n-octyl phthalate
Concen: 78.732 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 6109632

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.0	5.8	8.8

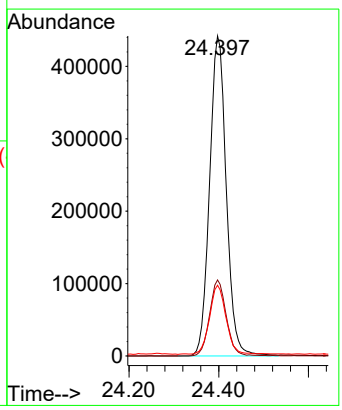


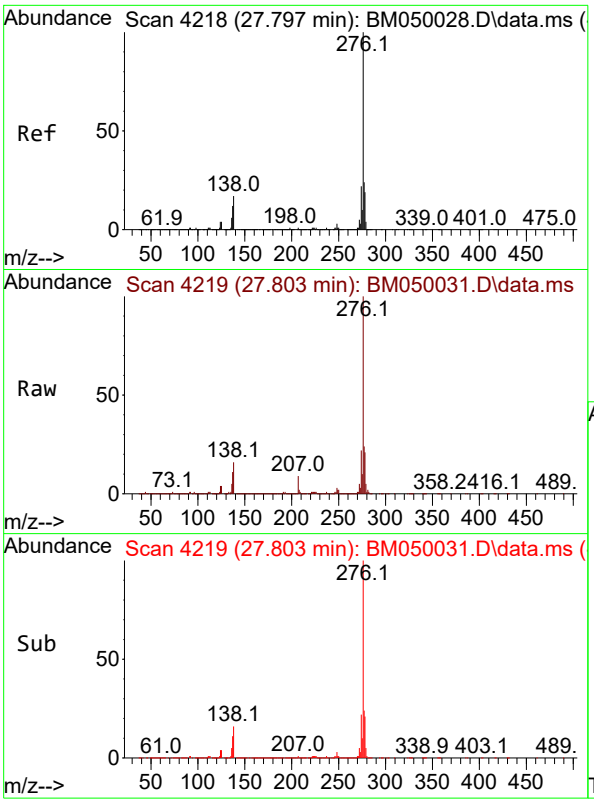


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:264 Resp: 1141905

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.1	17.0	25.4



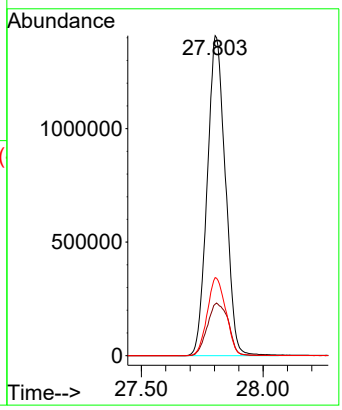


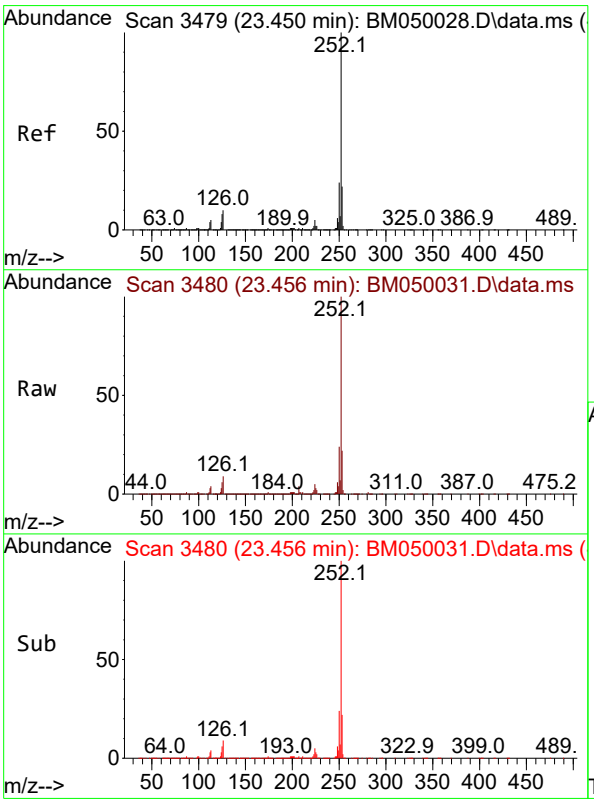
#87
Indeno(1,2,3-cd)pyrene
Concen: 85.629 ng
RT: 27.803 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 7285836

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.4	24.6
277	25.1	19.8	29.8

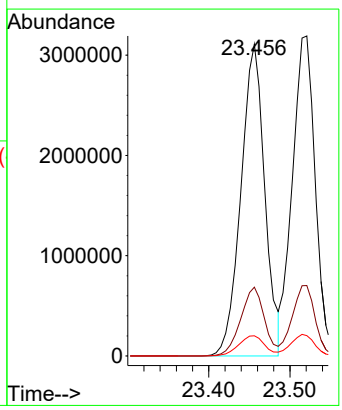


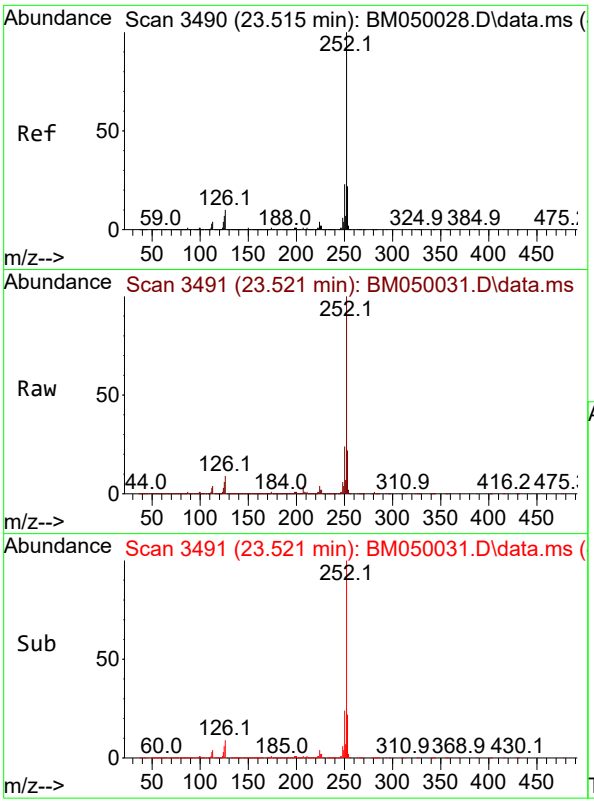


#88
Benzo(b)fluoranthene
Concen: 85.480 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 6347901

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	6.5	6.1	9.1



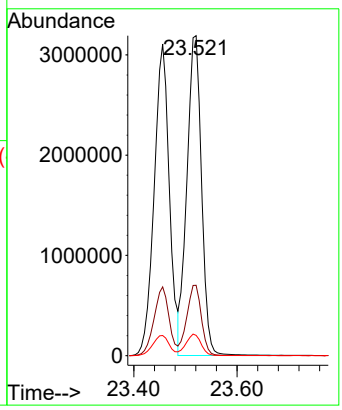


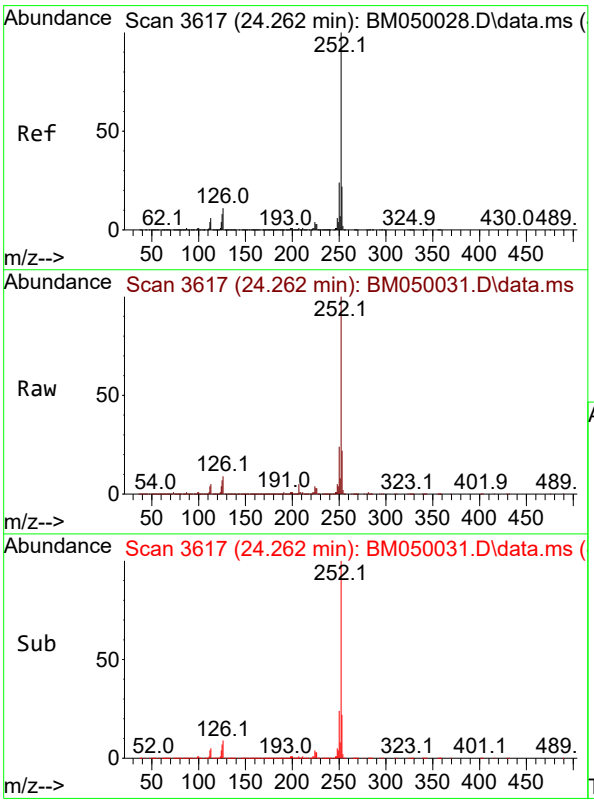
#89
Benzo(k)fluoranthene
Concen: 83.396 ng
RT: 23.521 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 6265924

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	6.4	5.8	8.8

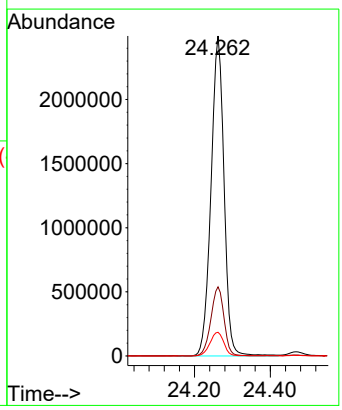


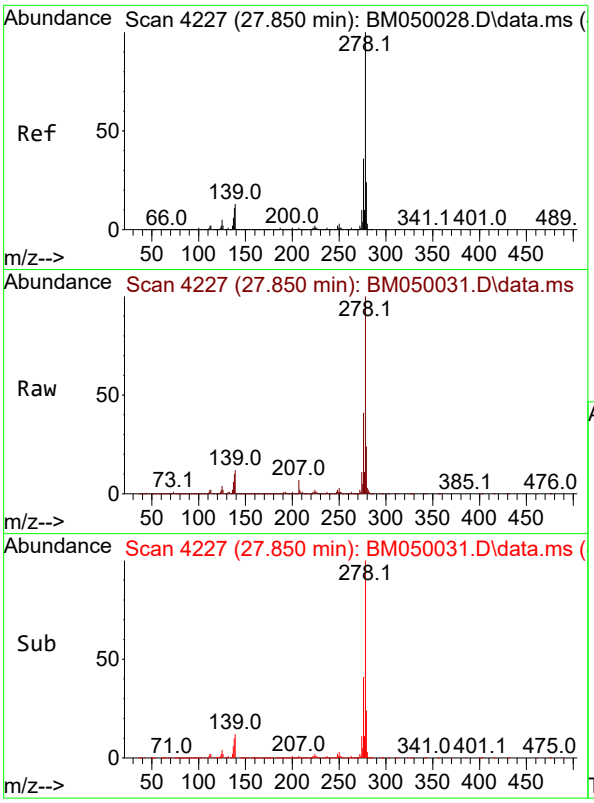


#90
Benzo(a)pyrene
Concen: 85.195 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 5925652

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	7.4	6.6	9.8



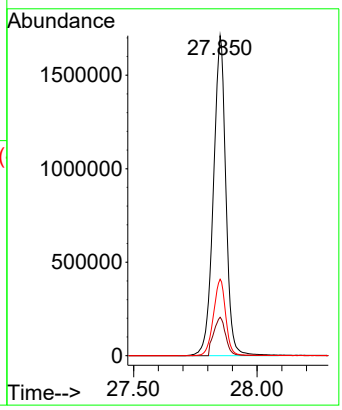


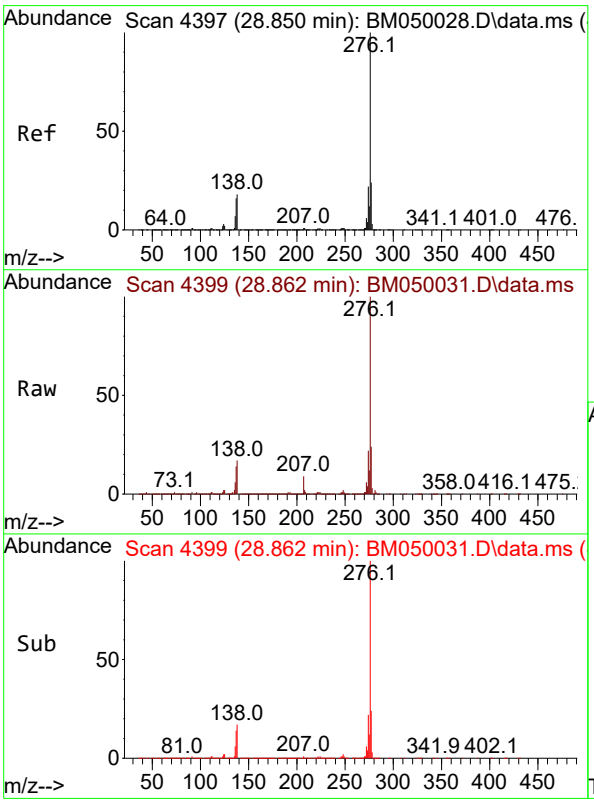
#91
Dibenzo(a,h)anthracene
Concen: 86.239 ng
RT: 27.850 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 5981478

Ion	Ratio	Lower	Upper
278	100		
139	12.0	10.5	15.7
279	23.9	19.4	29.0

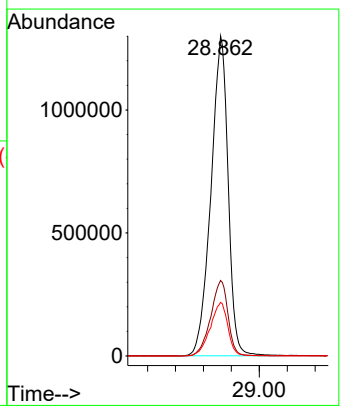




#92
Benzo(g,h,i)perylene
Concen: 83.395 ng
RT: 28.862 min Scan# 4399
Delta R.T. 0.012 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:276 Resp: 5537637

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	16.7	14.3	21.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	230127	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	877692	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	605832	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1251563	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1285998	20.000	ng	0.00
86) Perylene-d12	24.397	264	1266367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1155553	87.928	ng	0.00
7) Phenol-d6	6.951	99	1488919	90.140	ng	0.00
23) Nitrobenzene-d5	8.928	82	1385703	77.798	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	810732	90.503	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3905385	76.259	ng	0.00
79) Terphenyl-d14	19.780	244	6863055	78.970	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	253433	44.976	ng	99
3) Pyridine	3.657	79	673723	46.534	ng	98
4) n-Nitrosodimethylamine	3.569	42	260951	45.956	ng	99
6) Aniline	7.098	93	974989	46.744	ng	98
8) 2-Chlorophenol	7.339	128	649705	45.724	ng	99
9) Benzaldehyde	6.910	77	485673m	43.937	ng	
10) Phenol	6.981	94	784469	46.913	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	635601	45.521	ng	98
12) 1,3-Dichlorobenzene	7.657	146	766772	44.672	ng	99
13) 1,4-Dichlorobenzene	7.804	146	774954	44.941	ng	100
14) 1,2-Dichlorobenzene	8.122	146	752460	45.174	ng	100
15) Benzyl Alcohol	8.016	79	551757	48.167	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	762583	44.929	ng	99
17) 2-Methylphenol	8.222	107	519426	47.153	ng	99
18) Hexachloroethane	8.845	117	274239	44.738	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	507362	47.892	ng	99
20) 3+4-Methylphenols	8.551	107	713683	47.974	ng	97
22) Acetophenone	8.592	105	985275	45.153	ng	100
24) Nitrobenzene	8.969	77	694640	45.104	ng	99
25) Isophorone	9.498	82	1384372	45.596	ng	99
26) 2-Nitrophenol	9.681	139	370477	47.087	ng	99
27) 2,4-Dimethylphenol	9.751	122	605475	46.404	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	842968	44.920	ng	100
29) 2,4-Dichlorophenol	10.228	162	677885	46.375	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	789816	44.348	ng	100
31) Naphthalene	10.610	128	1984698	44.651	ng	100
32) Benzoic acid	9.916	122	384400	46.063	ng	98
33) 4-Chloroaniline	10.727	127	863111	47.375	ng	99
34) Hexachlorobutadiene	10.898	225	497792	44.034	ng	99
35) Caprolactam	11.522	113	198108	46.481	ng	95
36) 4-Chloro-3-methylphenol	11.869	107	632365	46.825	ng	100
37) 2-Methylnaphthalene	12.227	142	1352170	45.374	ng	100
38) 1-Methylnaphthalene	12.445	142	1425407	45.198	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	925725	44.140	ng	100
41) Hexachlorocyclopentadiene	12.574	237	568717	44.374	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	613142	46.094	ng	97

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	663718	46.271	ng	99
46) 1,1'-Biphenyl	13.239	154	1990852	44.207	ng	99
47) 2-Chloronaphthalene	13.286	162	1593769	44.684	ng	100
48) 2-Nitroaniline	13.498	65	398645	47.621	ng	99
49) Acenaphthylene	14.133	152	2548342	45.315	ng	100
50) Dimethylphthalate	13.868	163	2007342	45.338	ng	100
51) 2,6-Dinitrotoluene	13.992	165	435925	47.554	ng	98
52) Acenaphthene	14.474	154	1471672	45.210	ng	100
53) 3-Nitroaniline	14.327	138	427464	48.843	ng	99
54) 2,4-Dinitrophenol	14.545	184	249307	45.189	ng	98
55) Dibenzofuran	14.810	168	2427830	44.828	ng	99
56) 4-Nitrophenol	14.663	139	313065	46.012	ng	99
57) 2,4-Dinitrotoluene	14.786	165	611943	48.311	ng	97
58) Fluorene	15.462	166	2044284	46.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	583198	46.970	ng	98
60) Diethylphthalate	15.233	149	1889827	45.299	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1118837	45.950	ng	99
62) 4-Nitroaniline	15.492	138	427339	50.610	ng	100
63) Azobenzene	15.745	77	1599489	45.747	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	367586	46.920	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1709666	44.485	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	665088	43.944	ng	97
68) Hexachlorobenzene	16.468	284	770651	44.174	ng	98
69) Atrazine	16.627	200	616670	44.483	ng	99
70) Pentachlorophenol	16.821	266	452303	46.059	ng	99
71) Phenanthrene	17.198	178	3169143	44.895	ng	99
72) Anthracene	17.292	178	3241829	45.381	ng	100
73) Carbazole	17.562	167	2851516	46.001	ng	100
74) Di-n-butylphthalate	18.121	149	3370238	45.654	ng	100
75) Fluoranthene	19.215	202	3895046	46.998	ng	100
77) Benzidine	19.403	184	2019202	44.204	ng	100
78) Pyrene	19.580	202	3992384	44.209	ng	100
80) Butylbenzylphthalate	20.474	149	1512498	44.718	ng	96
81) Benzo(a)anthracene	21.380	228	4029064	45.497	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1487254	43.871	ng	98
83) Chrysene	21.439	228	3685603	44.967	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2284769	45.224	ng	99
85) Di-n-octyl phthalate	22.427	149	3747091	44.974	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	4364032	46.249	ng	99
88) Benzo(b)fluoranthene	23.450	252	3711451	45.066	ng	100
89) Benzo(k)fluoranthene	23.515	252	3813739	45.780	ng	100
90) Benzo(a)pyrene	24.262	252	3515582	45.577	ng	100
91) Dibenzo(a,h)anthracene	27.838	278	3545295	46.091	ng	100
92) Benzo(g,h,i)perylene	28.850	276	3345997	45.437	ng	100

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

ICAL Form

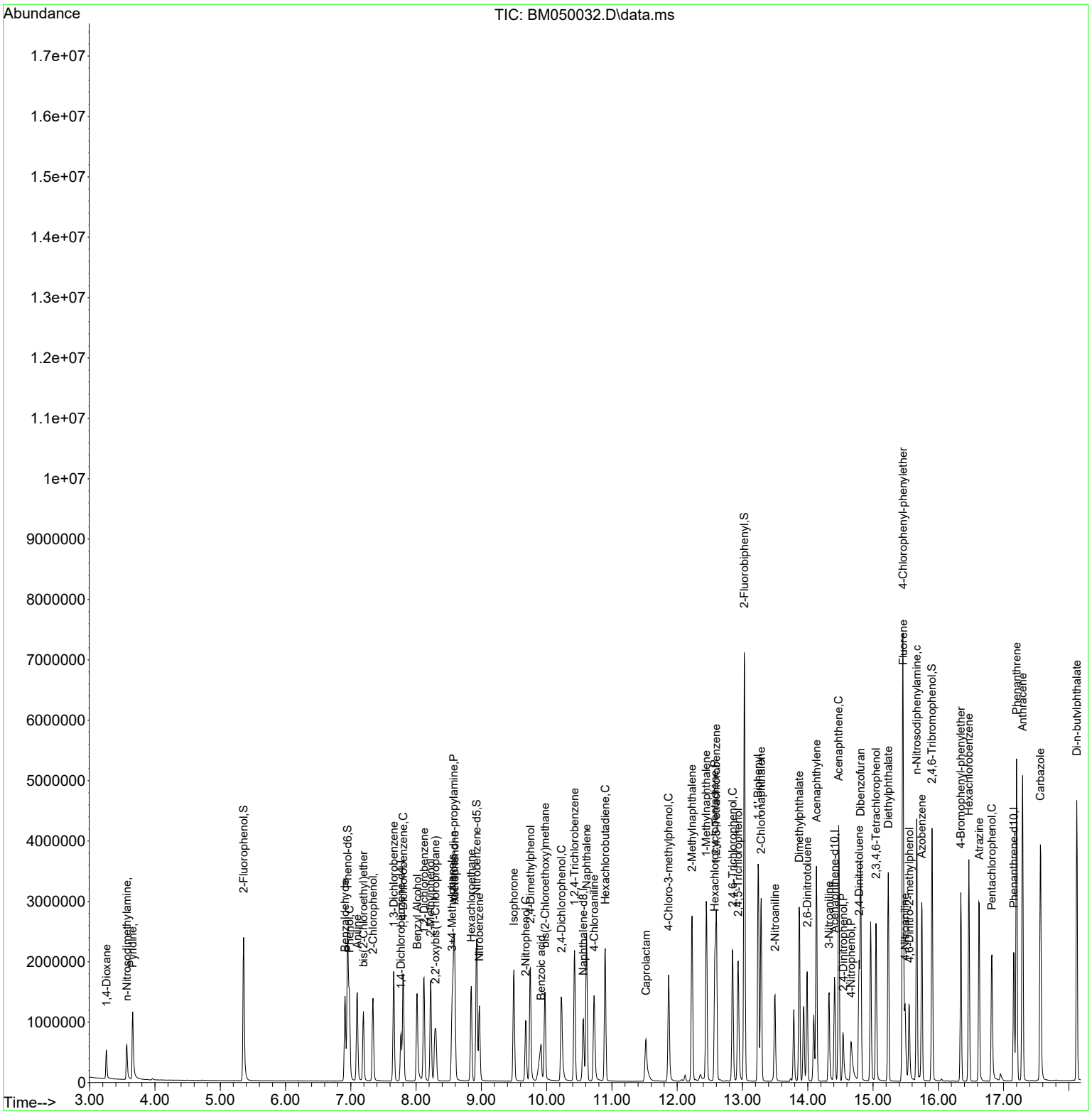
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



ICAL Form

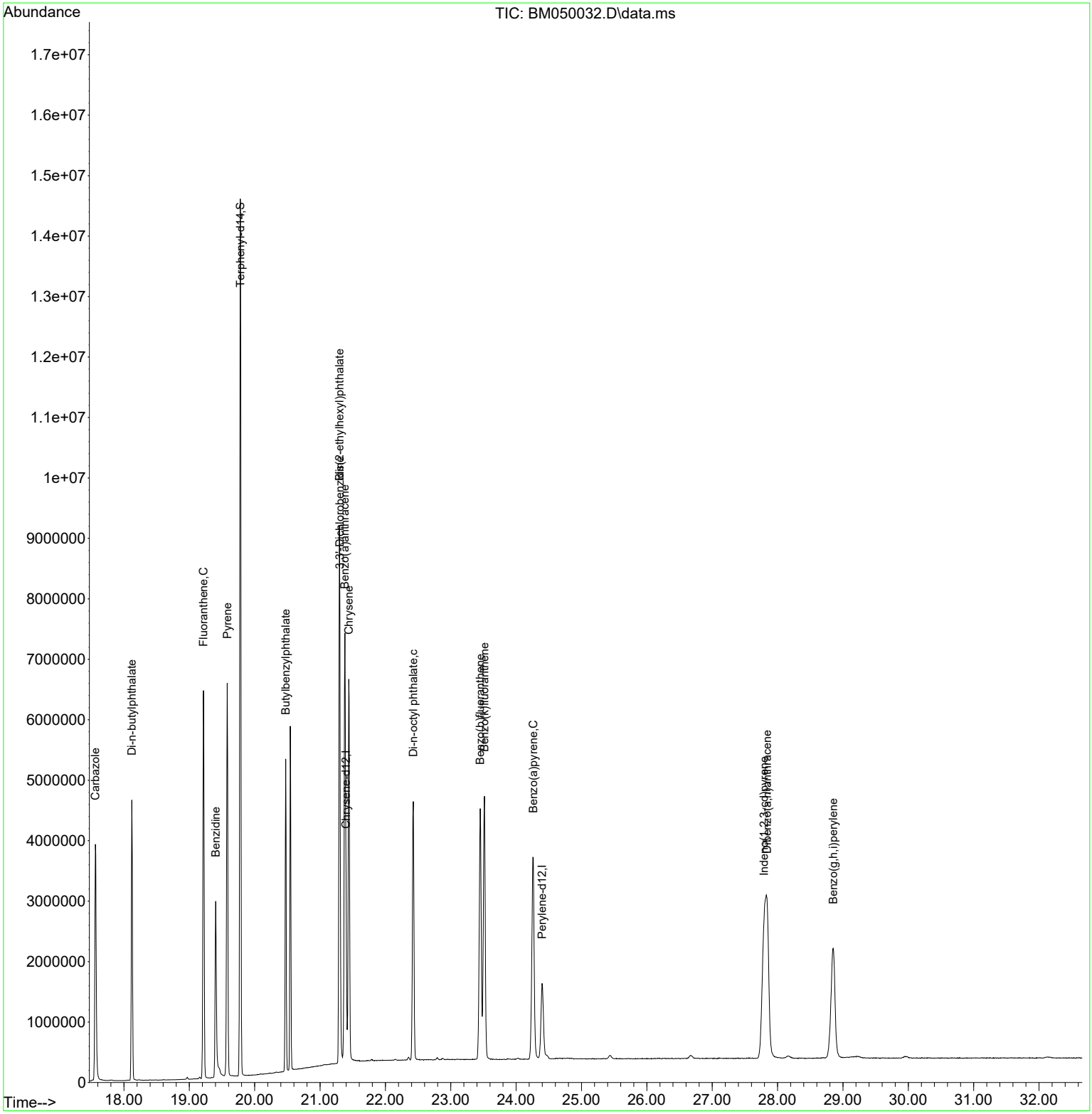
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

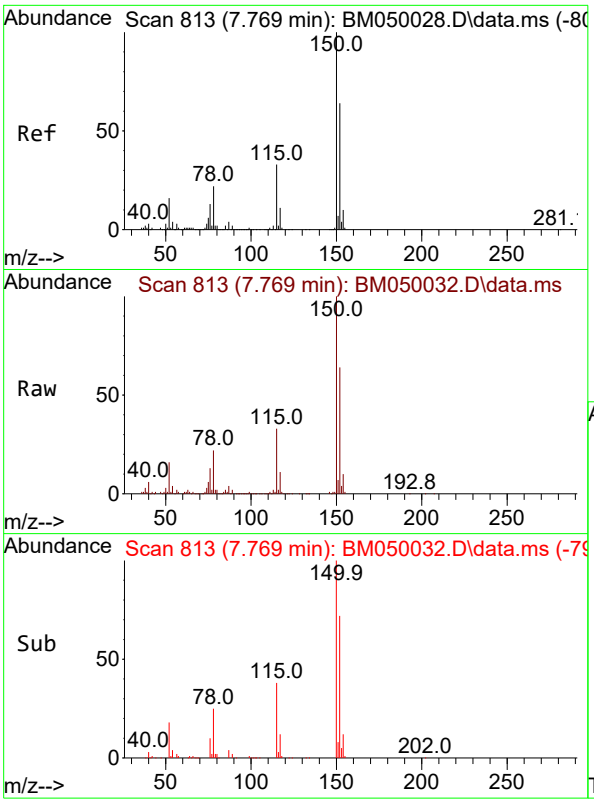
Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

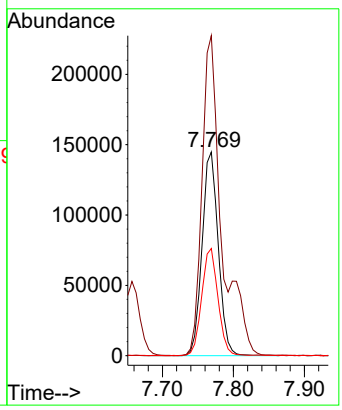




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:152 Resp: 23012

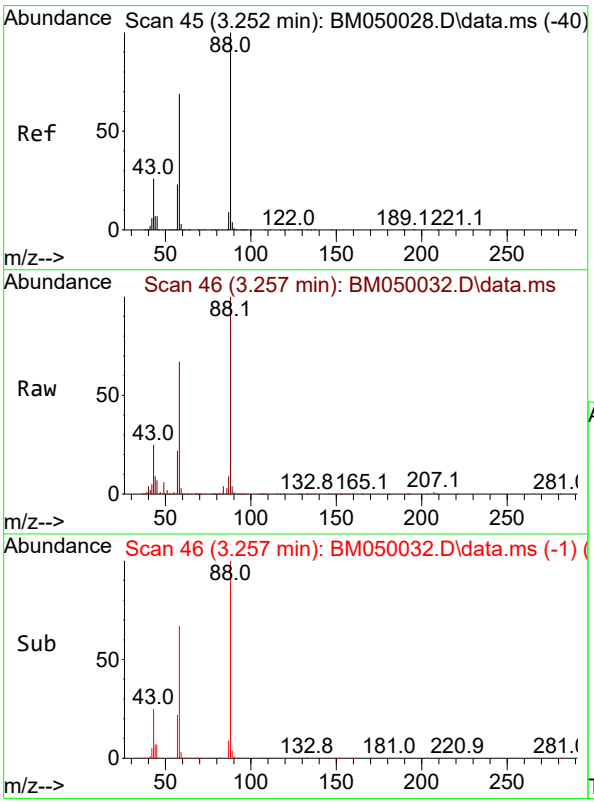
Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.1	186.1
115	52.6	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

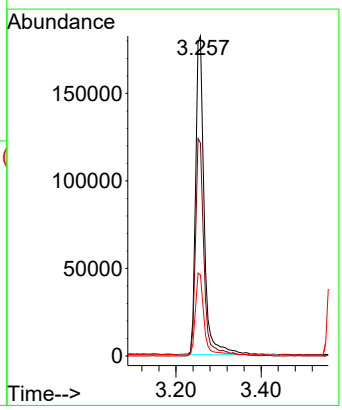
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

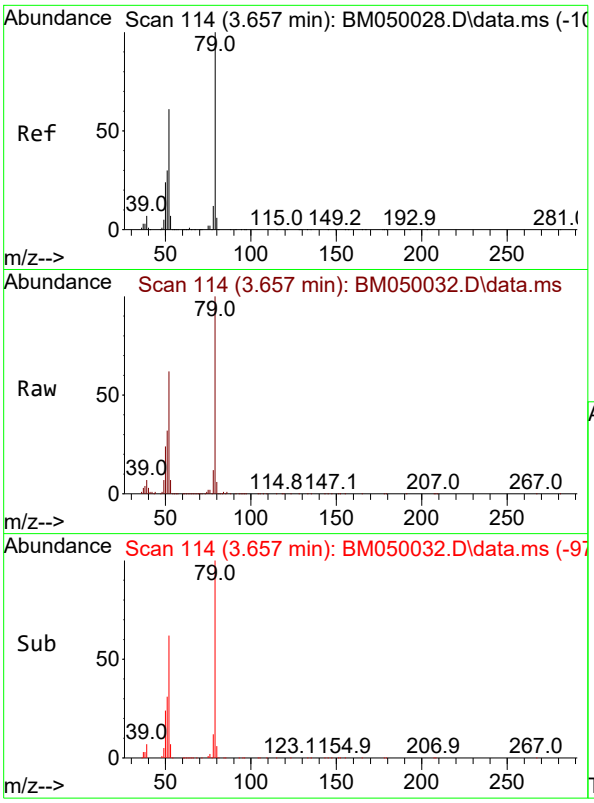


#2
1,4-Dioxane
Concen: 44.976 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 88 Resp: 253433

Ion	Ratio	Lower	Upper
88	100		
58	67.9	55.1	82.7
43	25.9	20.9	31.3

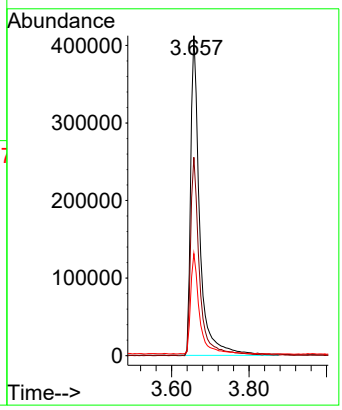




#3
Pyridine
Concen: 46.534 ng
RT: 3.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 79 Resp: 67372

Ion	Ratio	Lower	Upper
79	100		
52	62.0	48.6	72.8
51	31.9	24.6	37.0



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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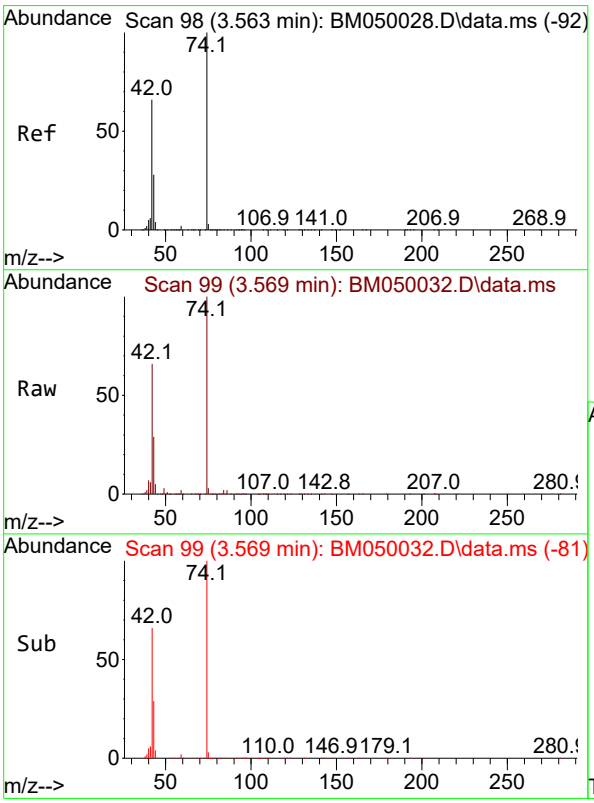
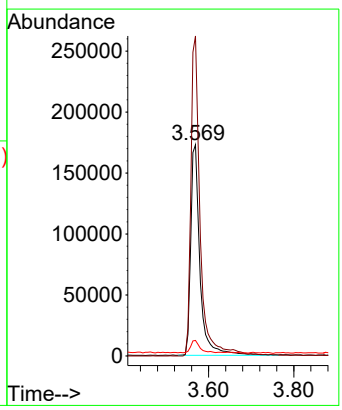
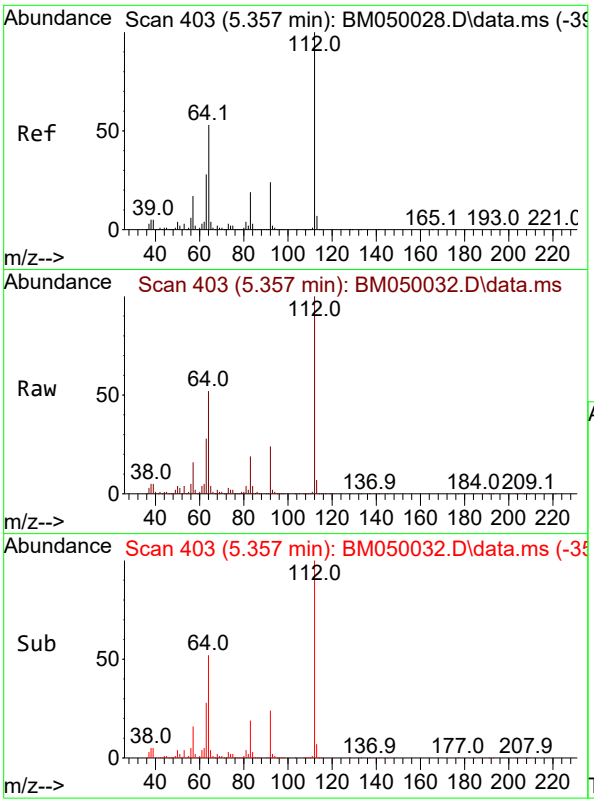


#4
n-Nitrosodimethylamine
Concen: 45.956 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 42 Resp: 260951

Ion	Ratio	Lower	Upper
42	100		
74	151.5	120.2	180.2
44	7.3	6.2	9.2

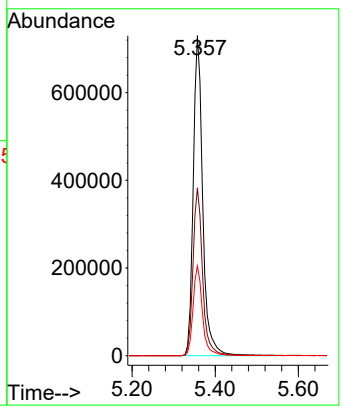




#5
2-Fluorophenol
Concen: 87.928 ng
RT: 5.357 min Scan# 40
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:112 Resp: 115555

Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.6	64.0
63	28.0	22.2	33.4



Instrument :
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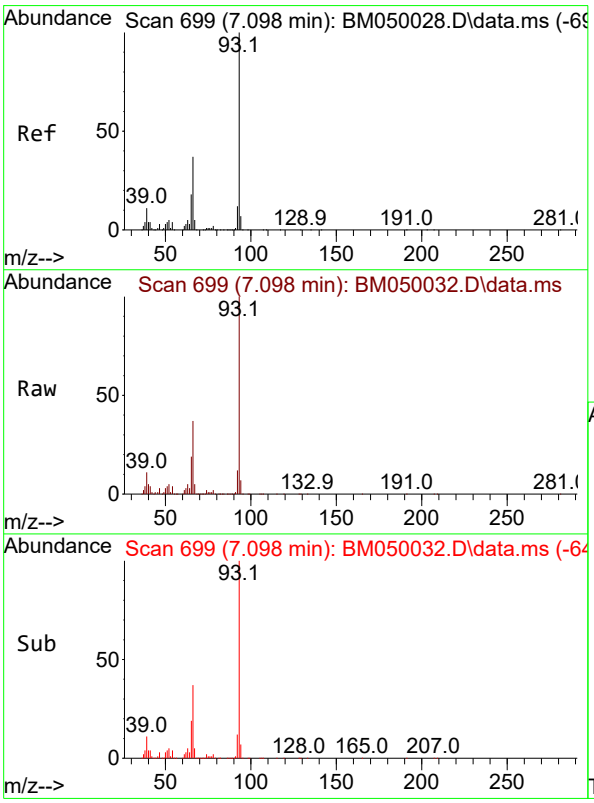
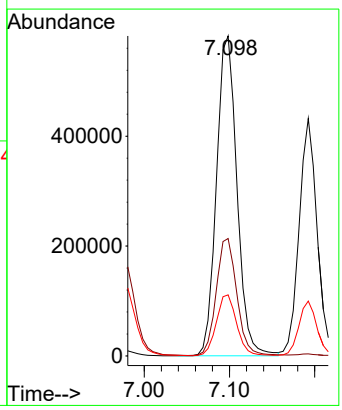
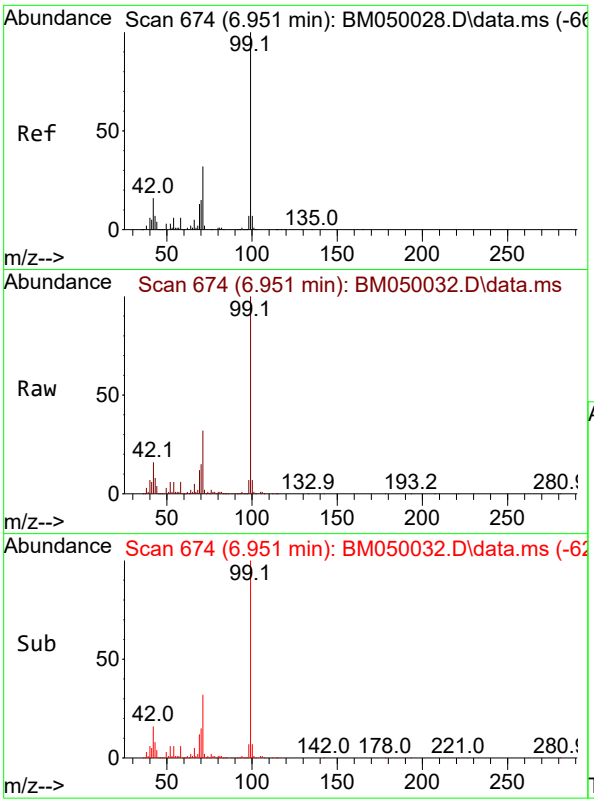


#6
Aniline
Concen: 46.744 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 93 Resp: 974989

Ion	Ratio	Lower	Upper
93	100		
66	36.7	29.9	44.9
65	19.1	14.5	21.7

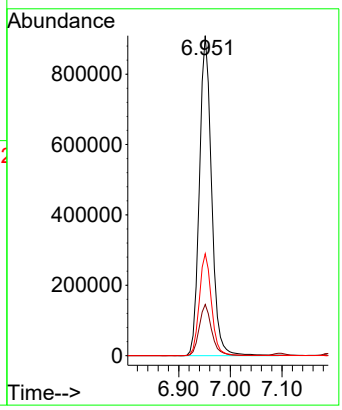




#7
Phenol-d6
Concen: 90.140 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 99 Resp: 148891

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.4
71	31.9	25.6	38.4



Instrument :
BNA_M
ClientSampleId :
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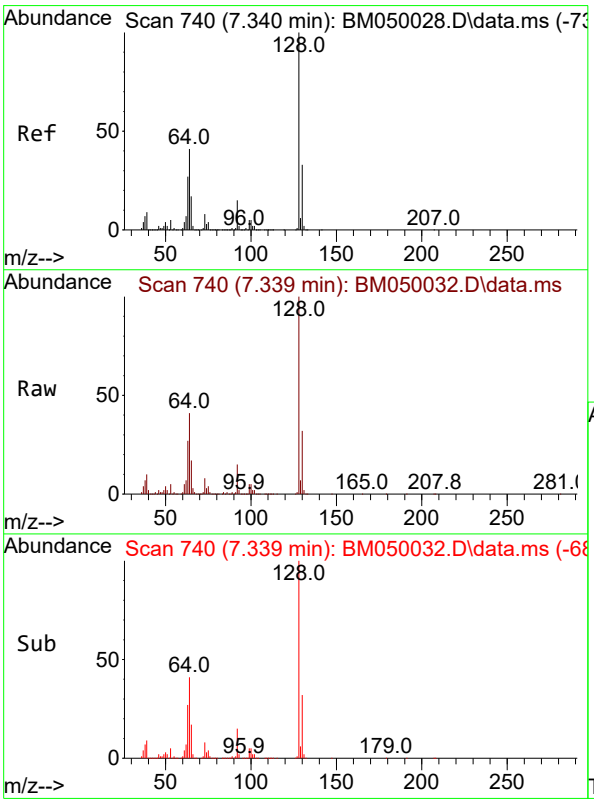
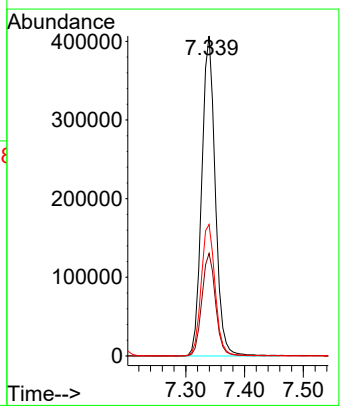
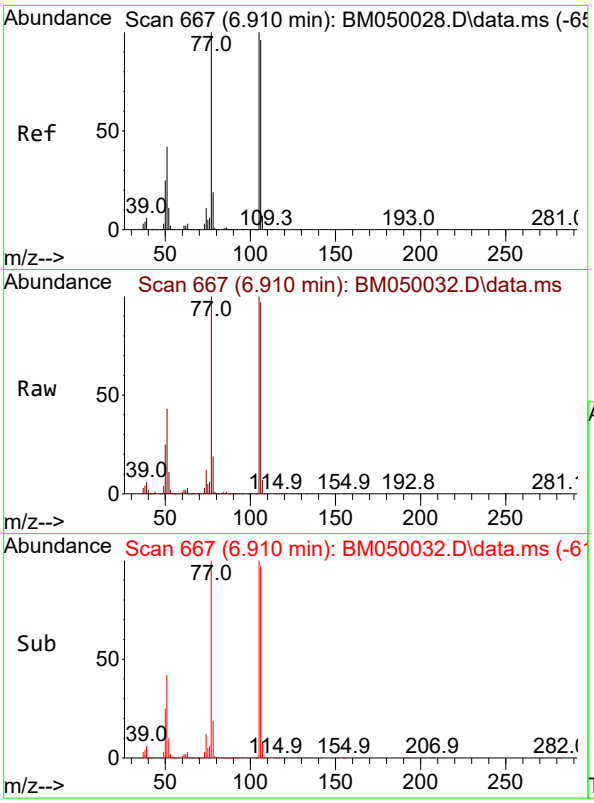


#8
2-Chlorophenol
Concen: 45.724 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:128 Resp: 649705

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.8	52.8
64	41.1	21.2	61.2

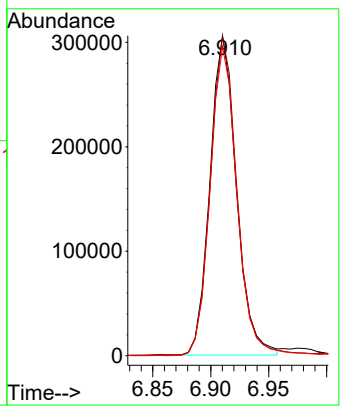




#9
Benzaldehyde
Concen: 43.937 ng m
RT: 6.910 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 77 Resp: 48567

Ion	Ratio	Lower	Upper
77	100		
105	99.8	80.5	120.5
106	96.6	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
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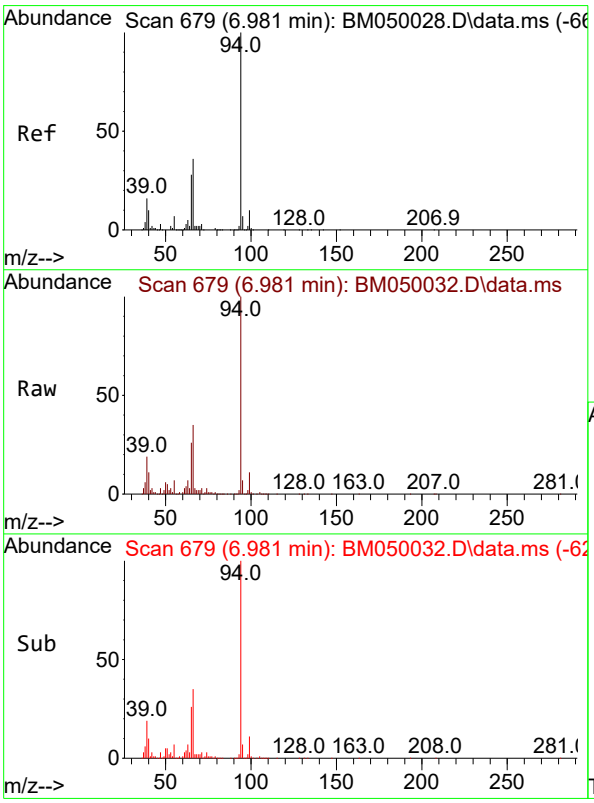
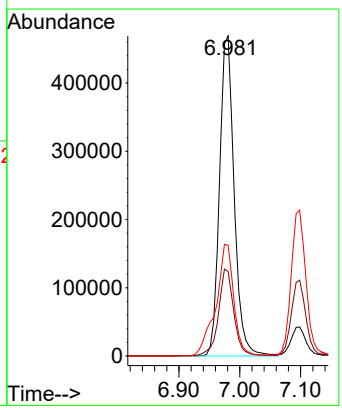
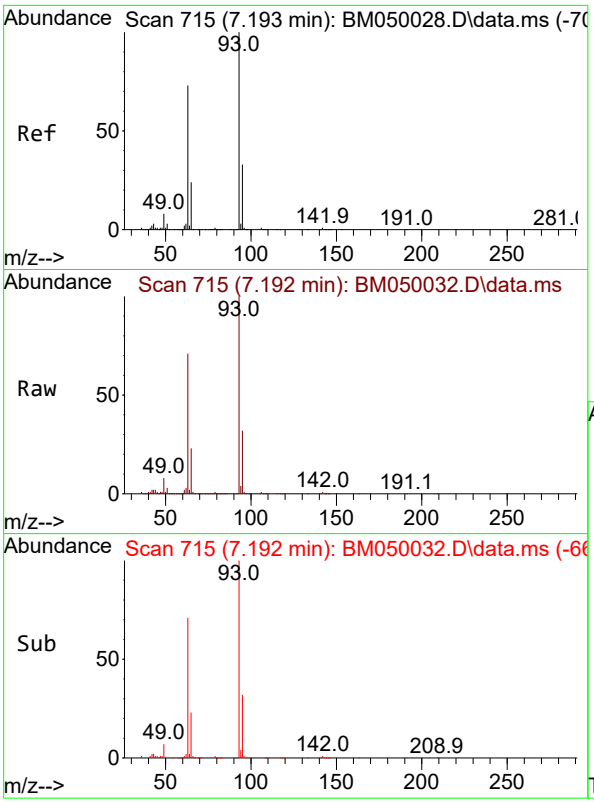


#10
Phenol
Concen: 46.913 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 94 Resp: 784469

Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.6	47.6
66	34.6	15.8	55.8

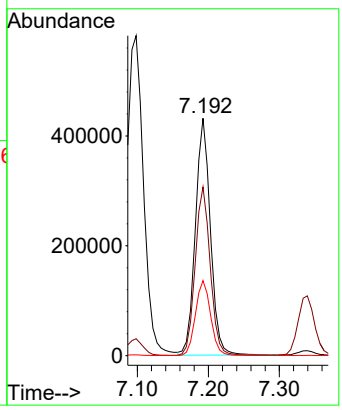




#11
bis(2-Chloroethyl)ether
Concen: 45.521 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 93 Resp: 63560

Ion	Ratio	Lower	Upper
93	100		
63	71.0	52.3	92.3
95	31.6	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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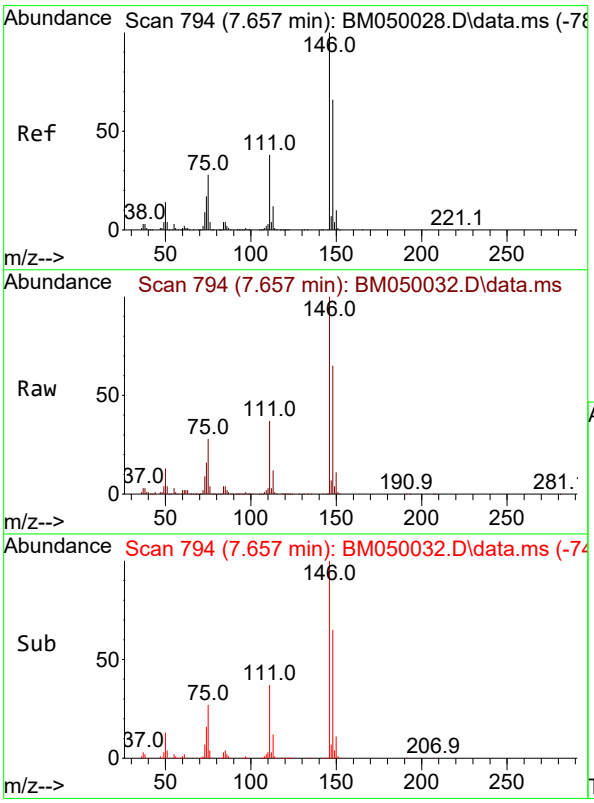
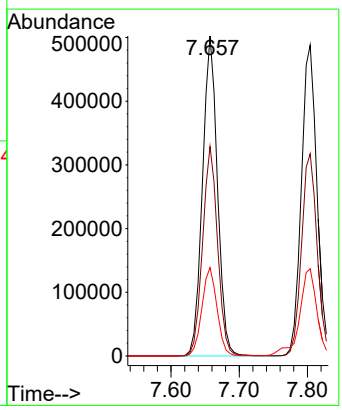
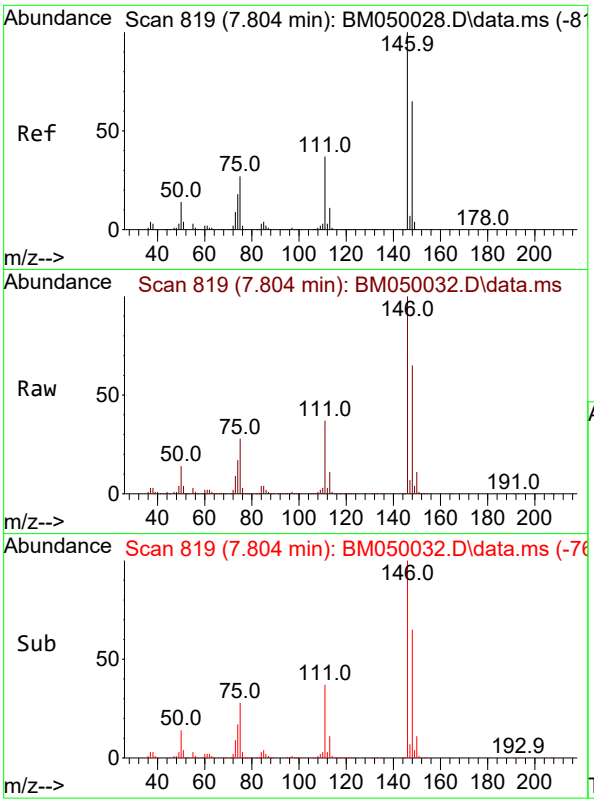


#12
1,3-Dichlorobenzene
Concen: 44.672 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 766772

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.5	78.7
75	27.6	22.6	34.0

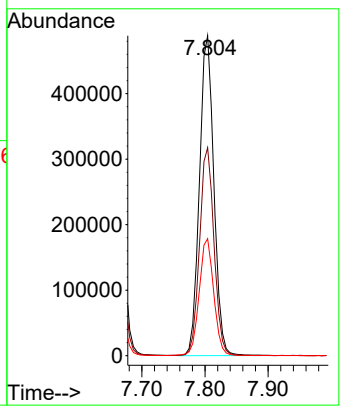




#13
1,4-Dichlorobenzene
Concen: 44.941 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 77495

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	36.6	29.3	43.9



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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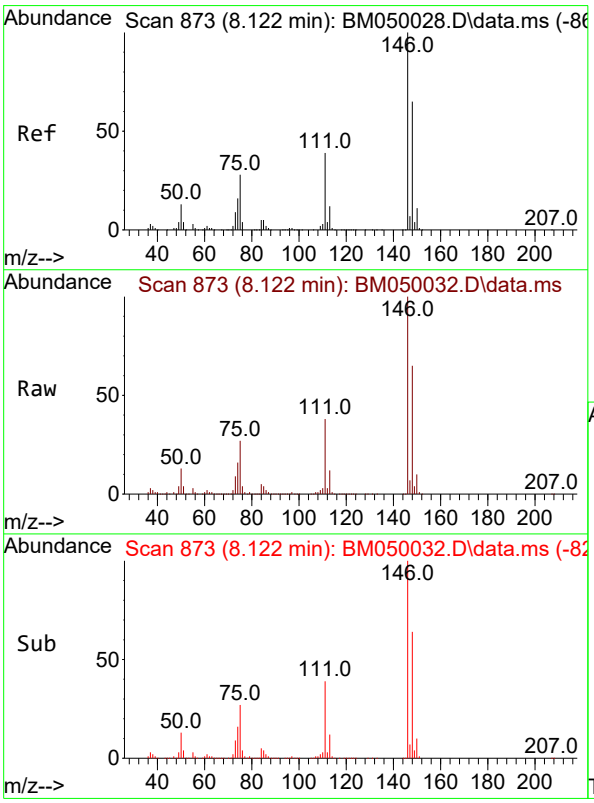
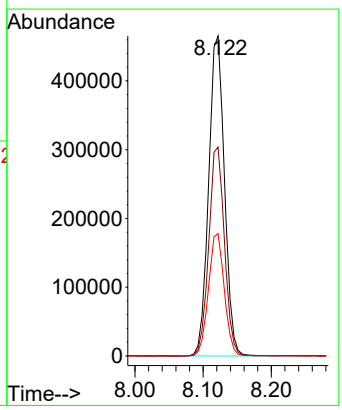
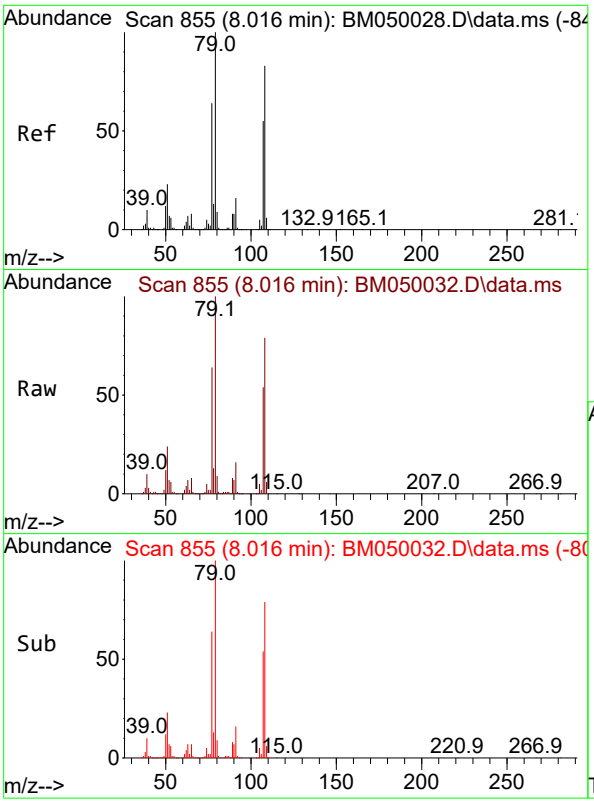


#14
1,2-Dichlorobenzene
Concen: 45.174 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 752460

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.4	78.6
111	38.3	31.0	46.6





#15
Benzyl Alcohol
Concen: 48.167 ng
RT: 8.016 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 79 Resp: 55175

Ion	Ratio	Lower	Upper
79	100		
108	79.4	66.0	99.0
77	64.4	51.6	77.4

Instrument :
BNA_M
ClientSampleId :
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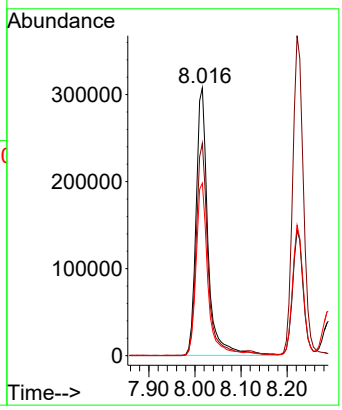
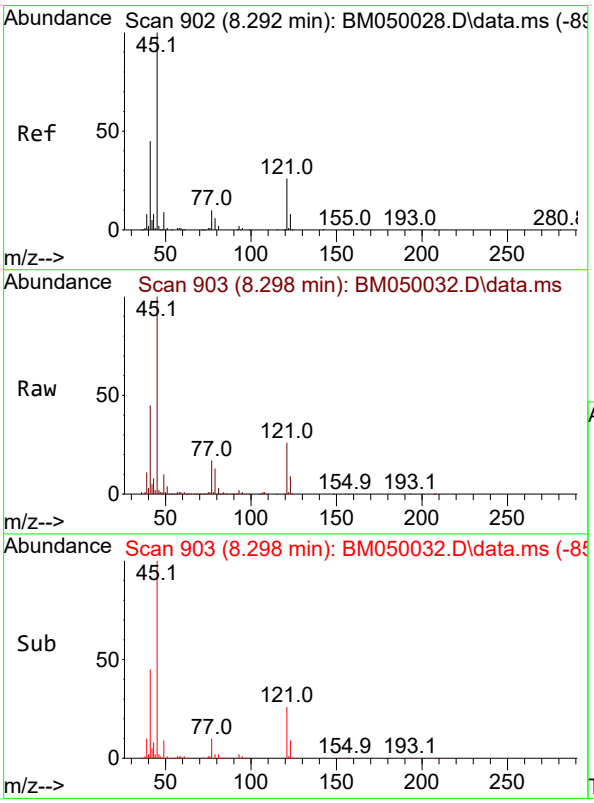
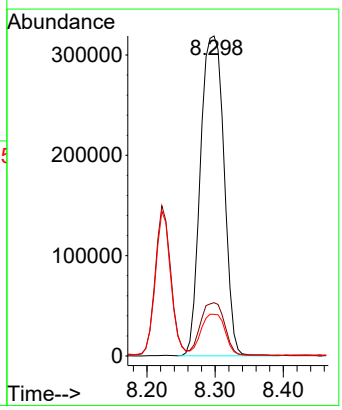


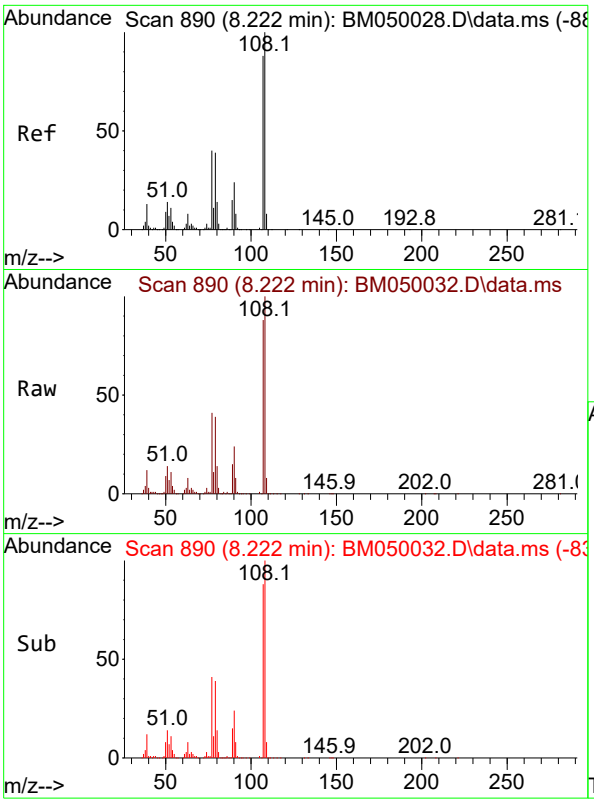


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.929 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 45 Resp: 762583

Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	36.4
79	13.0	0.0	32.7

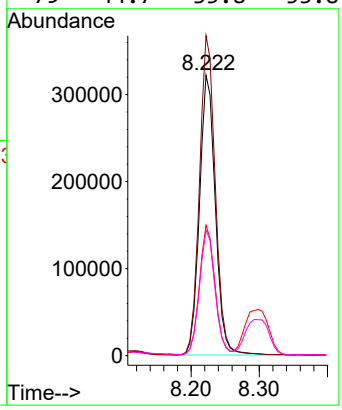




#17
2-Methylphenol
Concen: 47.153 ng
RT: 8.222 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:107 Resp: 51942

Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.1	136.7
77	46.5	36.2	54.4
79	44.7	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
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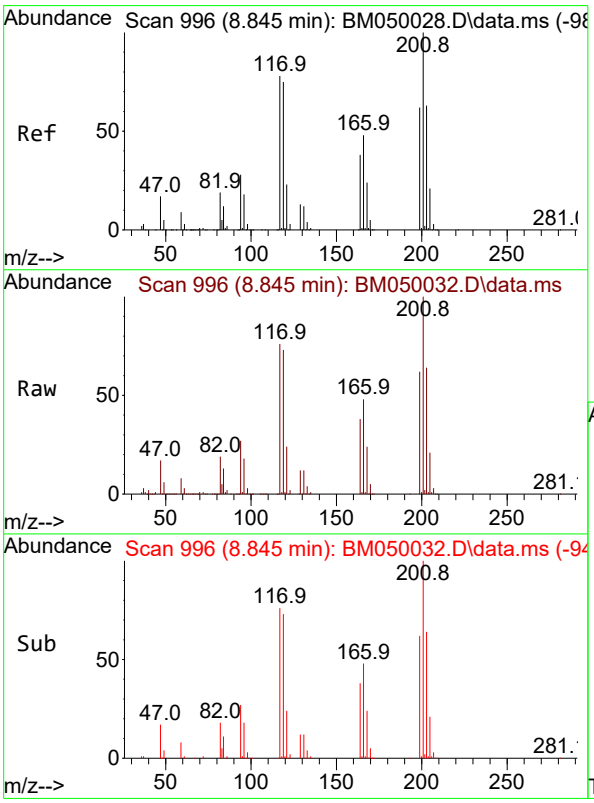
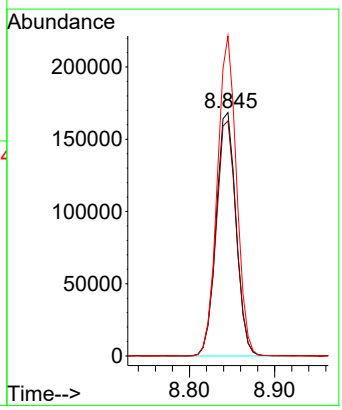
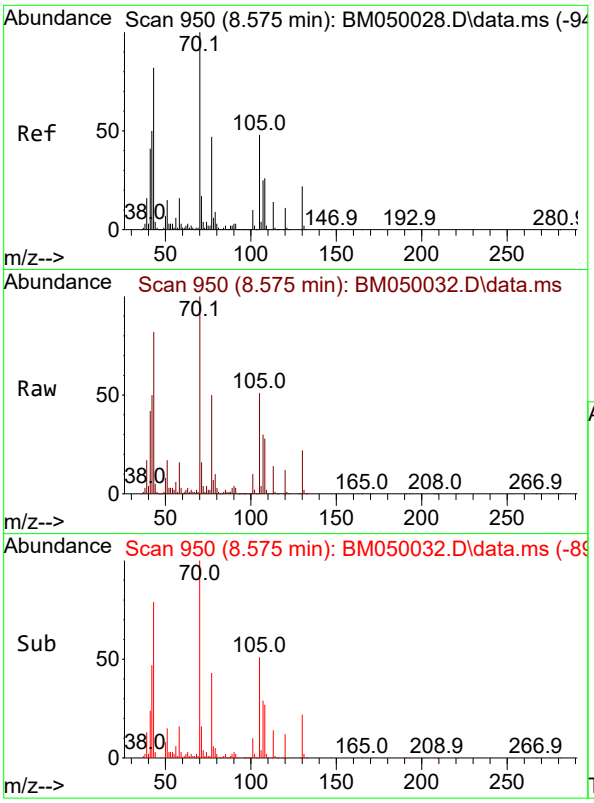


#18
Hexachloroethane
Concen: 44.738 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:117 Resp: 274239

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.3	115.9
201	131.4	102.8	154.2

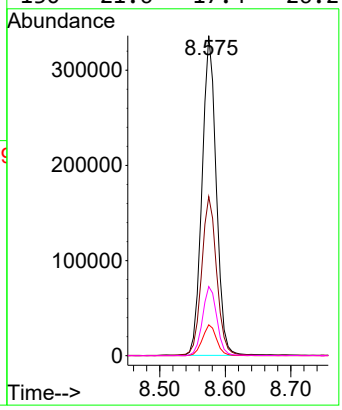




#19
n-Nitroso-di-n-propylamine
Concen: 47.892 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 70 Resp: 50736

Ion	Ratio	Lower	Upper
70	100		
42	49.7	40.5	60.7
101	9.7	7.8	11.6
130	21.6	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
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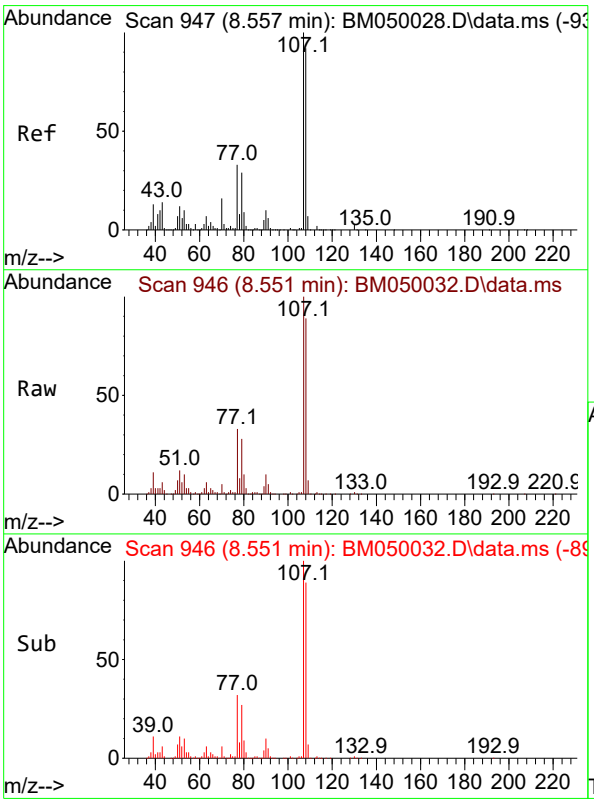
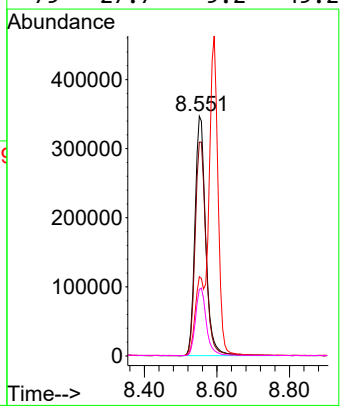
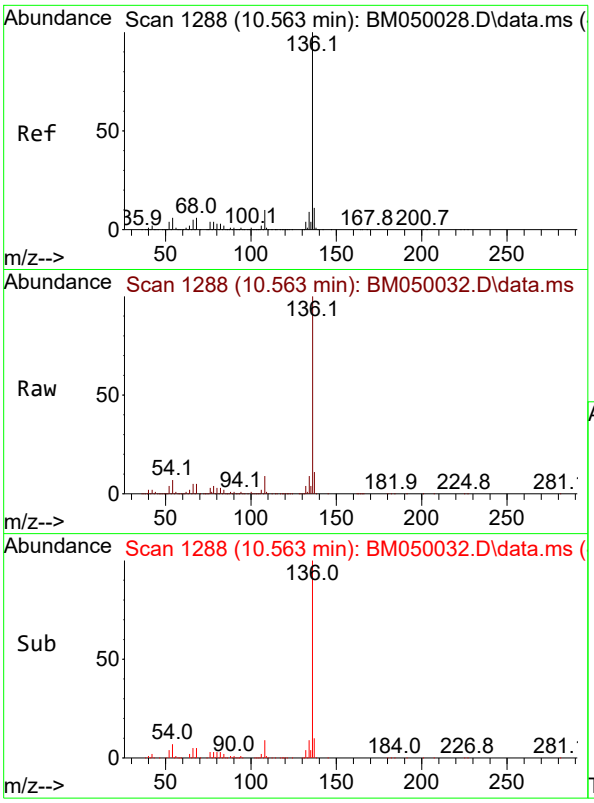


#20
3+4-Methylphenols
Concen: 47.974 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:107 Resp: 713683

Ion	Ratio	Lower	Upper
107	100		
108	89.1	72.4	112.4
77	33.0	13.6	53.6
79	27.7	9.2	49.2

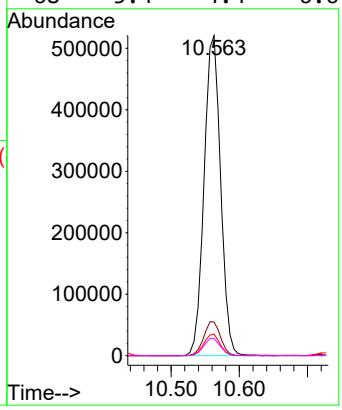




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:136 Resp: 87769

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.7	5.1	7.7
68	5.4	4.4	6.6



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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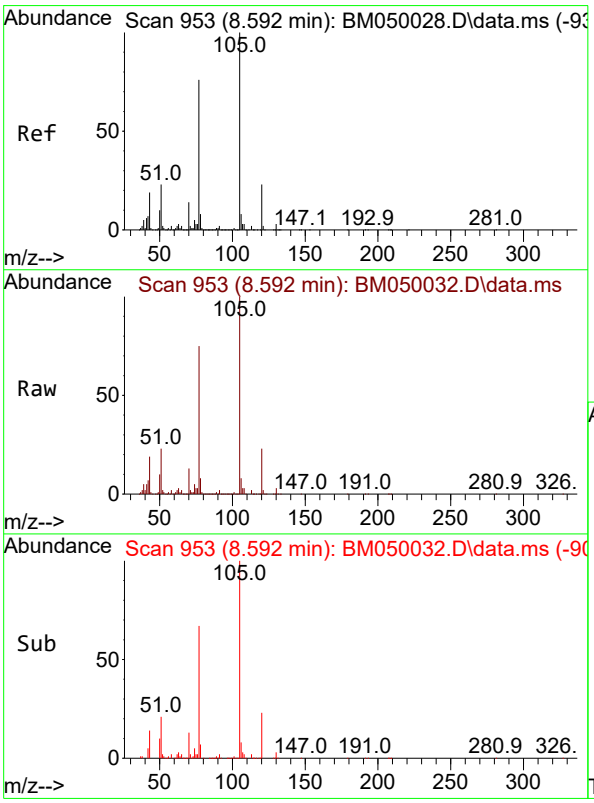
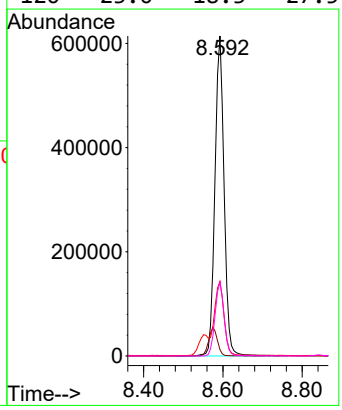
Supervised By :Jagrut Upadhyay 04/29/2025

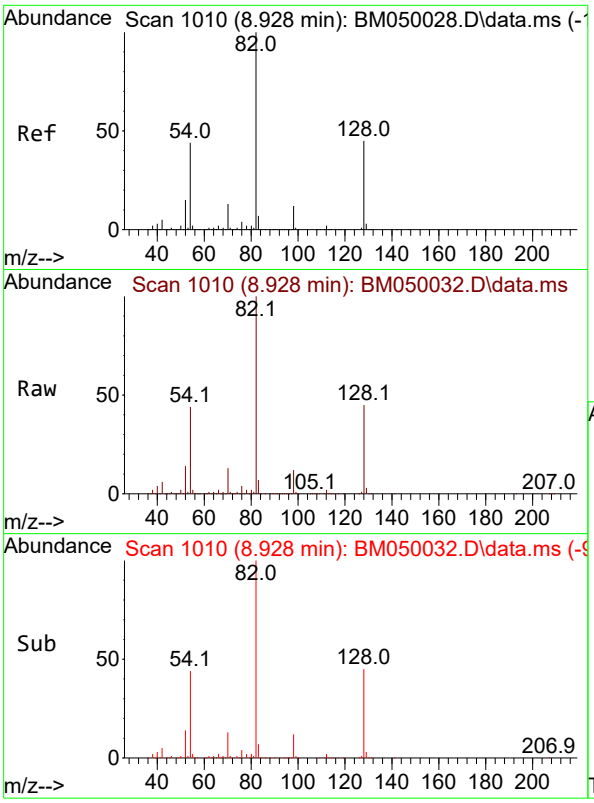


#22
Acetophenone
Concen: 45.153 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:105 Resp: 985275

Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.7	2.5
51	23.3	18.6	27.8
120	23.0	18.3	27.5

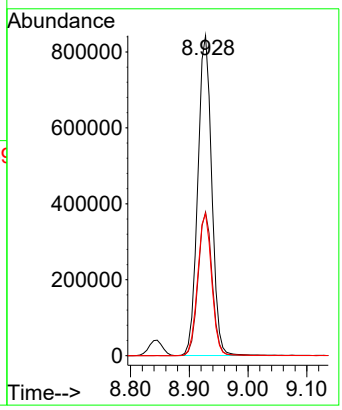




#23
Nitrobenzene-d5
Concen: 77.798 ng
RT: 8.928 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 82 Resp: 138570

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.7	53.5
54	44.4	35.4	53.2



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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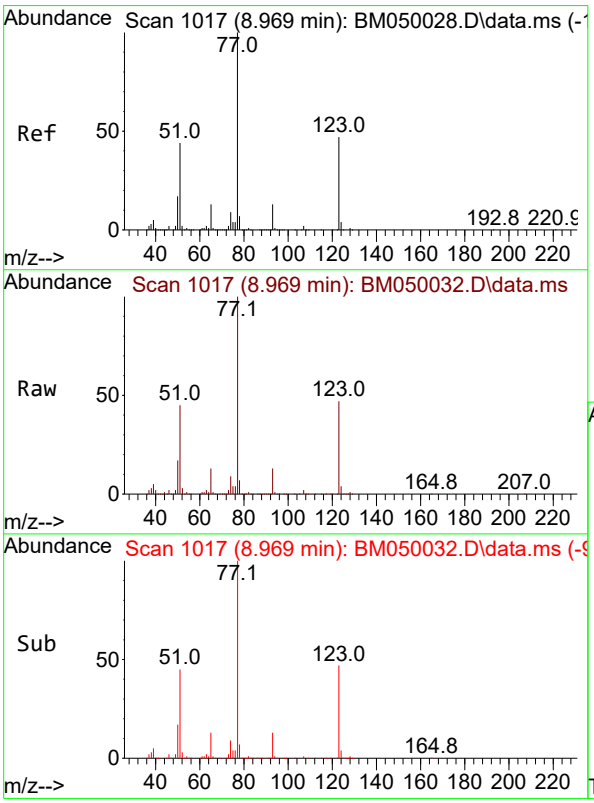
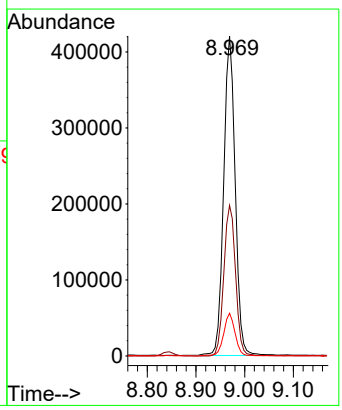
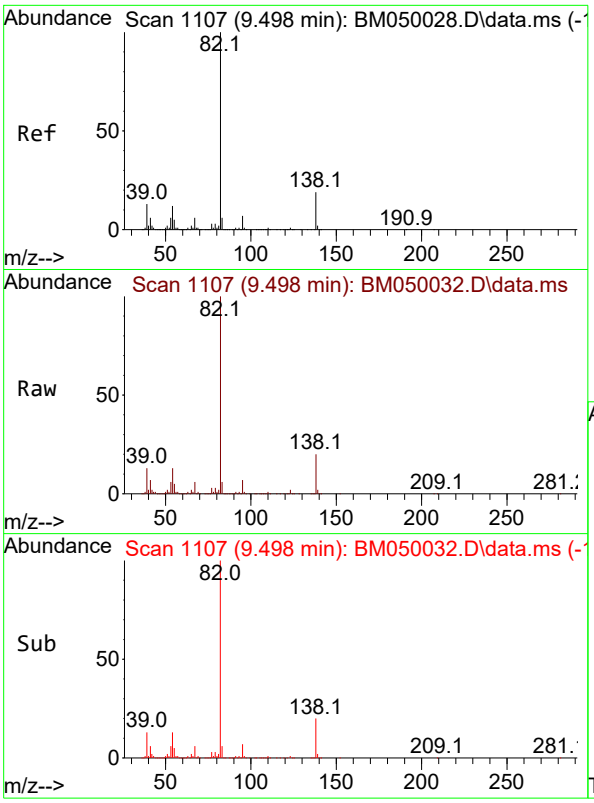


#24
Nitrobenzene
Concen: 45.104 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 77 Resp: 694640

Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.9	56.9
65	13.3	10.1	15.1

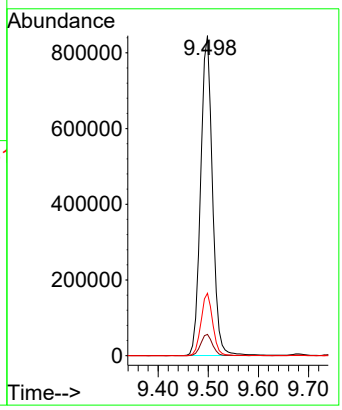




#25
Isophorone
Concen: 45.596 ng
RT: 9.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 82 Resp: 138437

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.7	8.5
138	19.5	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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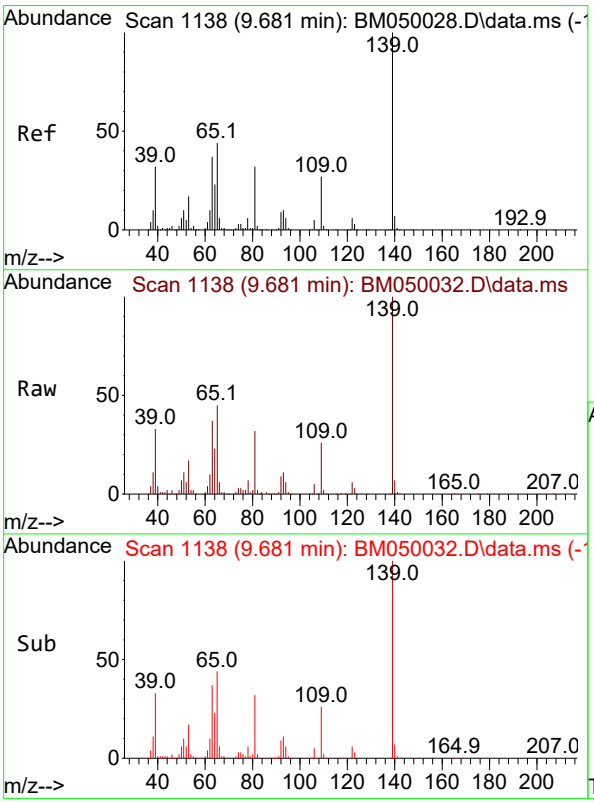
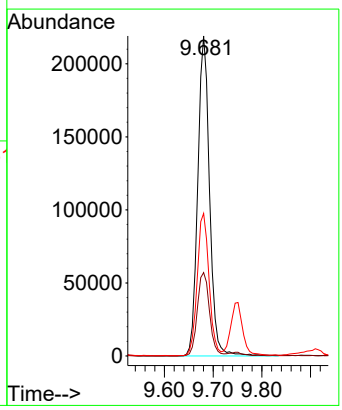
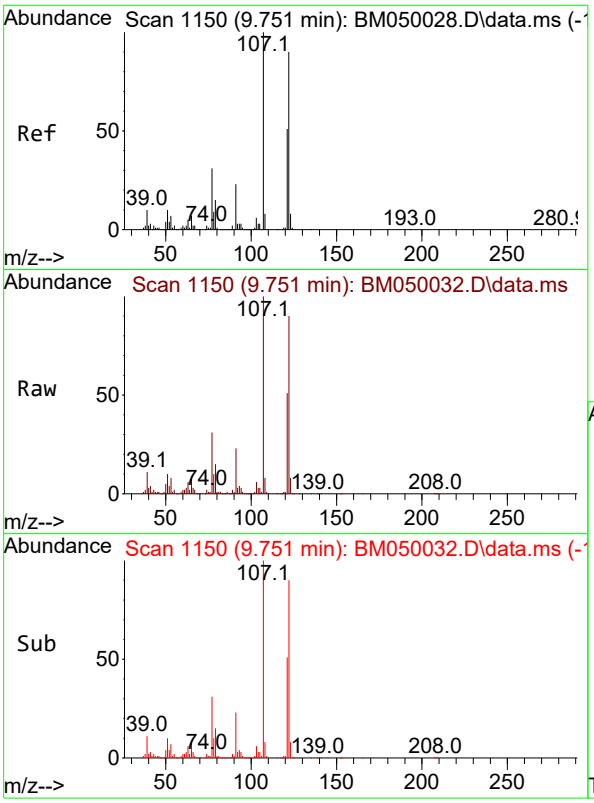


#26
2-Nitrophenol
Concen: 47.087 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:139 Resp: 370477

Ion	Ratio	Lower	Upper
139	100		
109	26.1	21.9	32.9
65	44.5	35.4	53.2

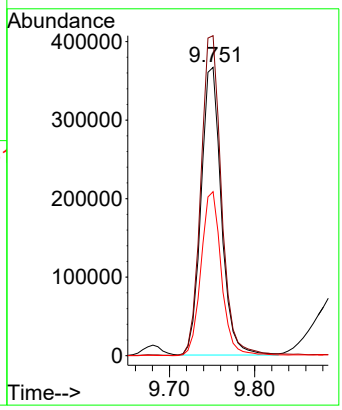




#27
2,4-Dimethylphenol
Concen: 46.404 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:122 Resp: 60547

Ion	Ratio	Lower	Upper
122	100		
107	111.0	89.0	133.6
121	56.9	45.6	68.4



Instrument :
BNA_M
ClientSampleId :
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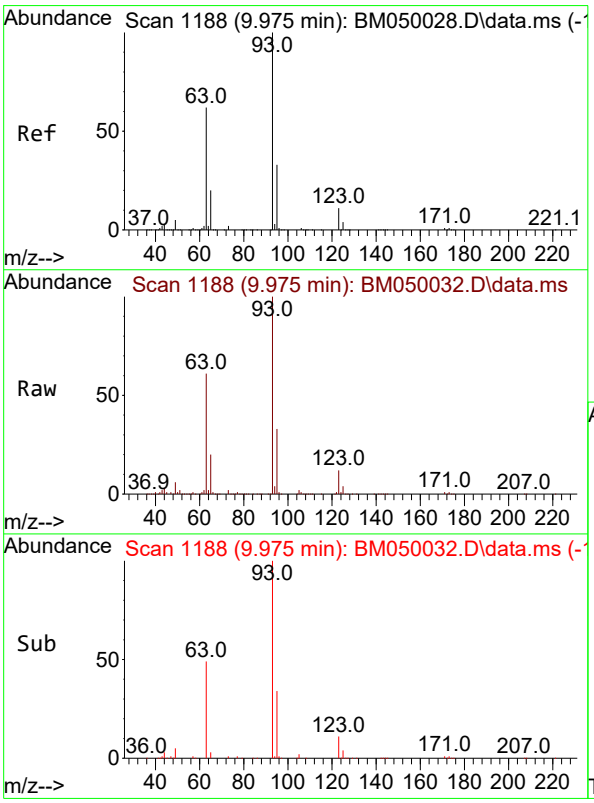
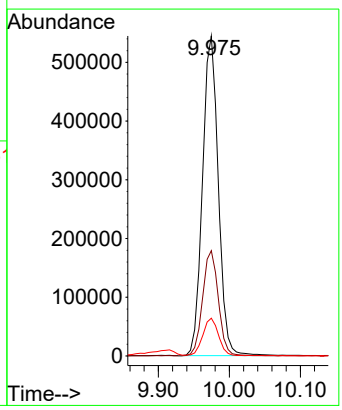
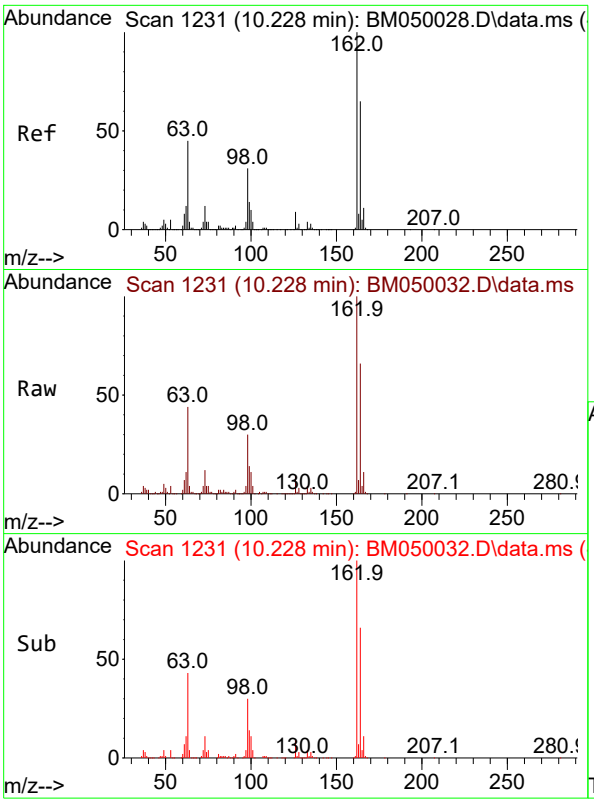


#28
bis(2-Chloroethoxy)methane
Concen: 44.920 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 93 Resp: 842968

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.8	9.5	14.3





#29
2,4-Dichlorophenol
Concen: 46.375 ng
RT: 10.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:162 Resp: 67788

Ion	Ratio	Lower	Upper
162	100		
164	66.0	45.4	85.4
98	30.5	11.3	51.3

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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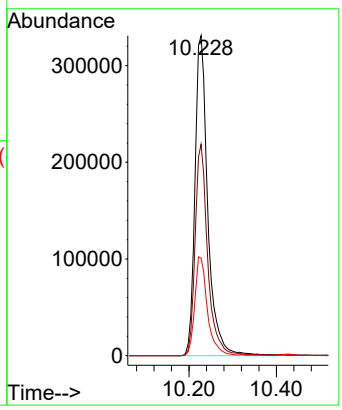
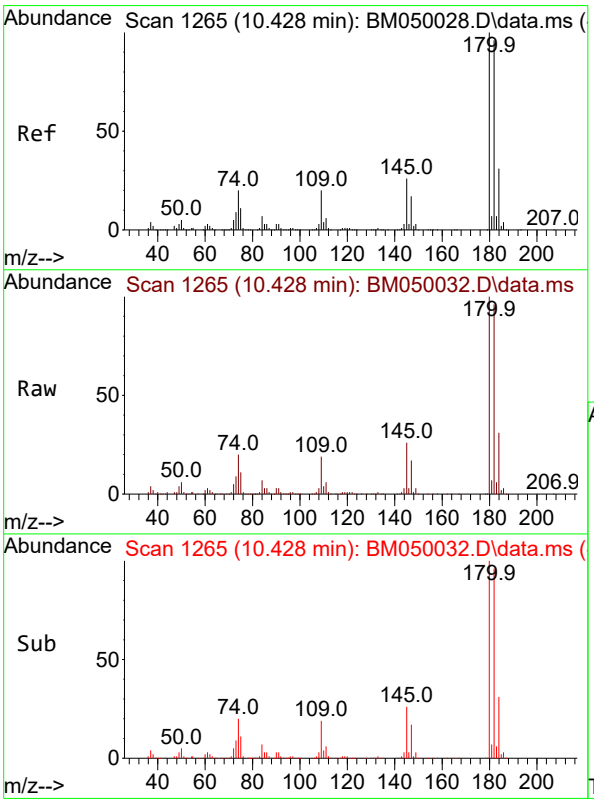
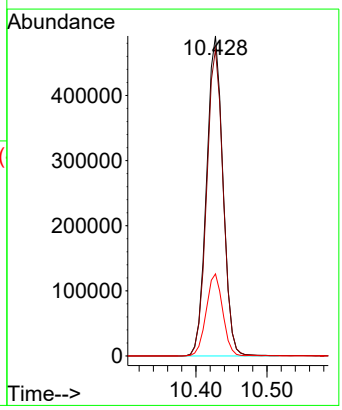


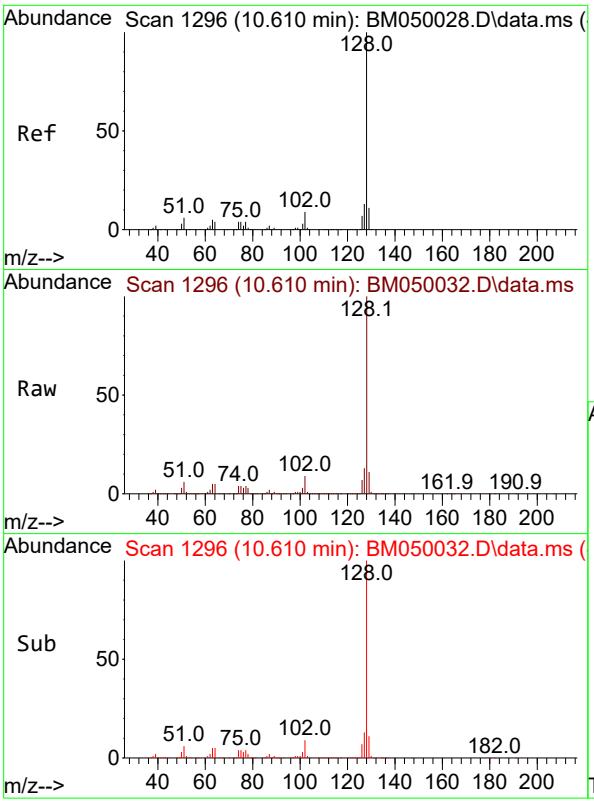


#30
1,2,4-Trichlorobenzene
Concen: 44.348 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:180 Resp: 789816

Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.4
145	25.7	20.6	30.8

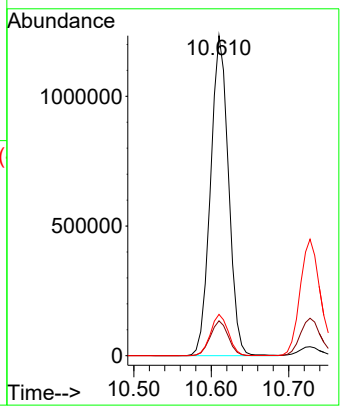




#31
Naphthalene
Concen: 44.651 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:128 Resp: 198469

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
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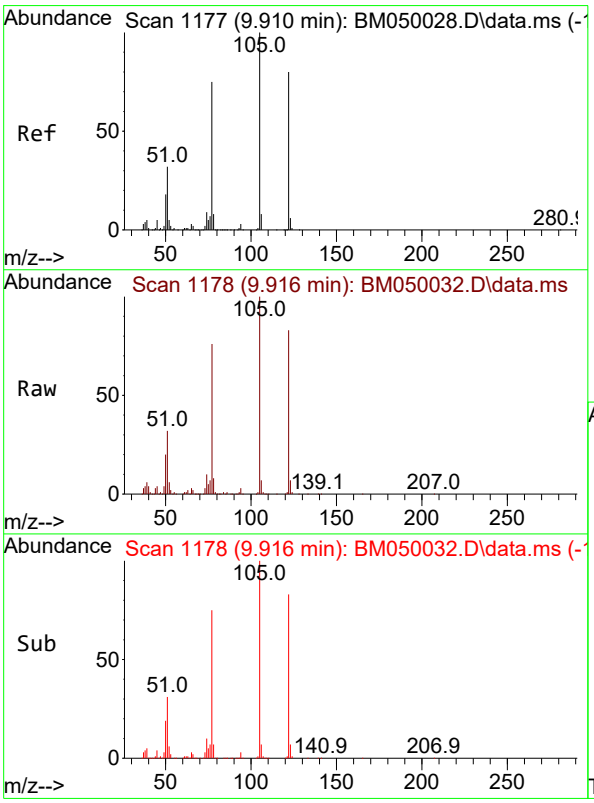
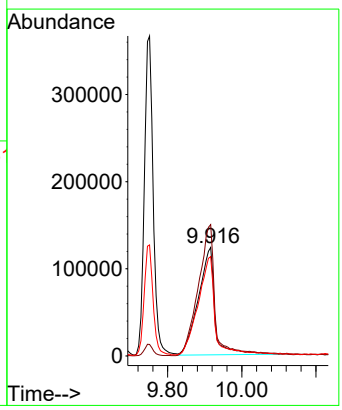
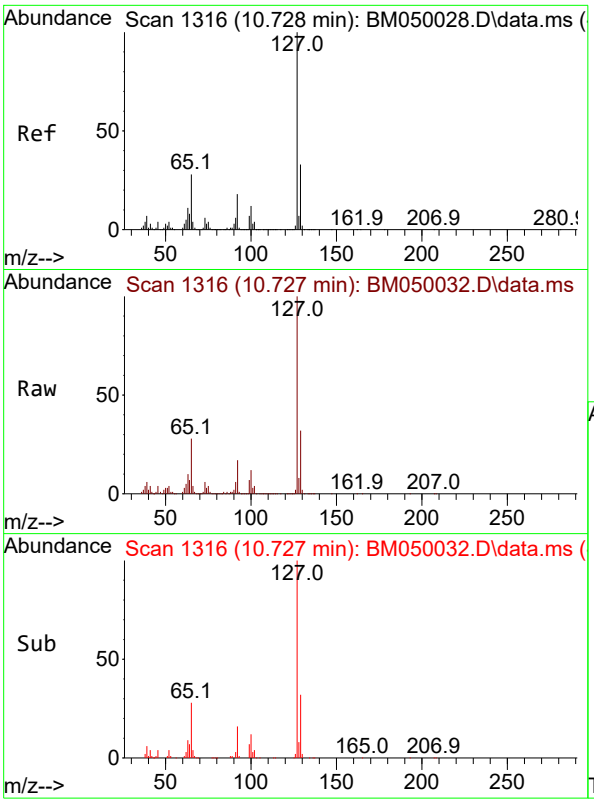


#32
Benzoic acid
Concen: 46.063 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:122 Resp: 384400

Ion	Ratio	Lower	Upper
122	100		
105	121.1	103.6	143.6
77	91.7	73.7	113.7

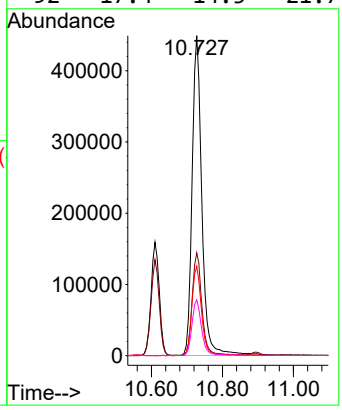




#33
4-Chloroaniline
Concen: 47.375 ng
RT: 10.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:127 Resp: 86311

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	27.9	22.5	33.7
92	17.4	14.5	21.7



Instrument :
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ClientSampleId :
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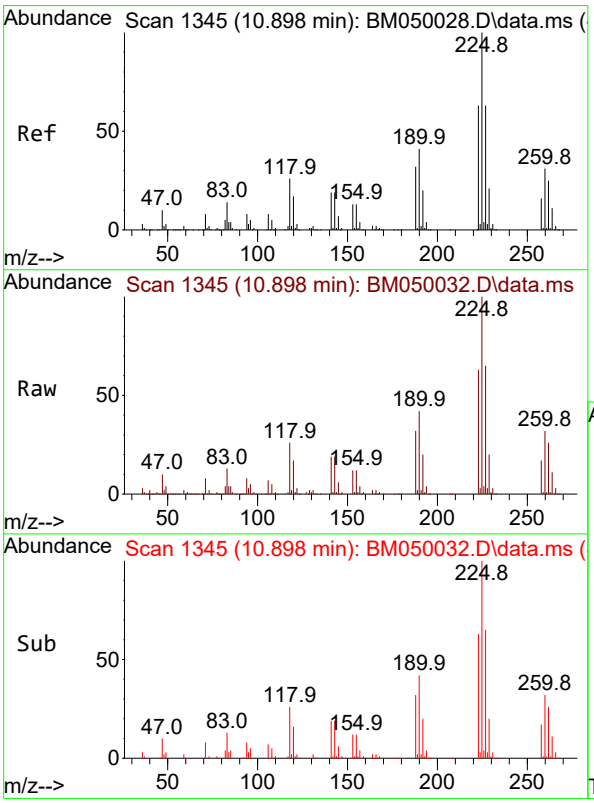
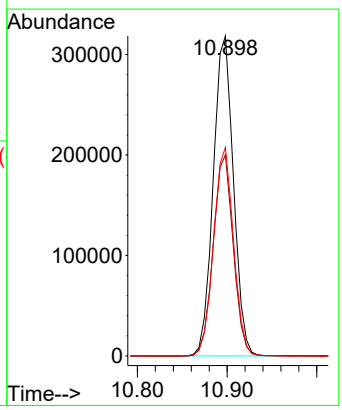
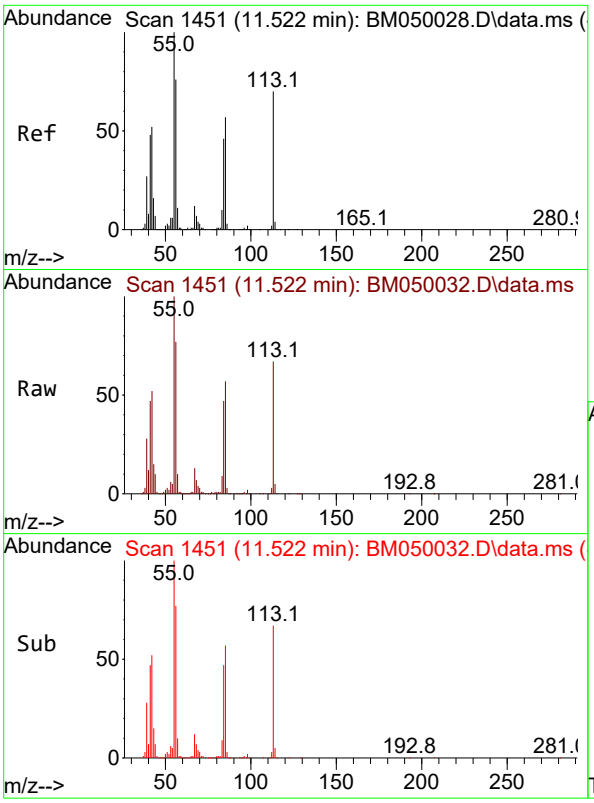


#34
Hexachlorobutadiene
Concen: 44.034 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:225 Resp: 497792

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	65.2	50.6	76.0





#35
Caprolactam
Concen: 46.481 ng
RT: 11.522 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:113 Resp: 19810

Ion	Ratio	Lower	Upper
113	100		
55	148.9	122.9	162.9
56	114.6	88.1	128.1

Instrument :
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ClientSampleId :
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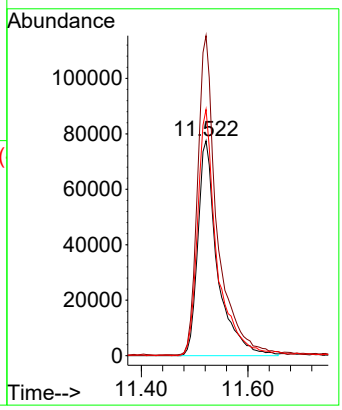
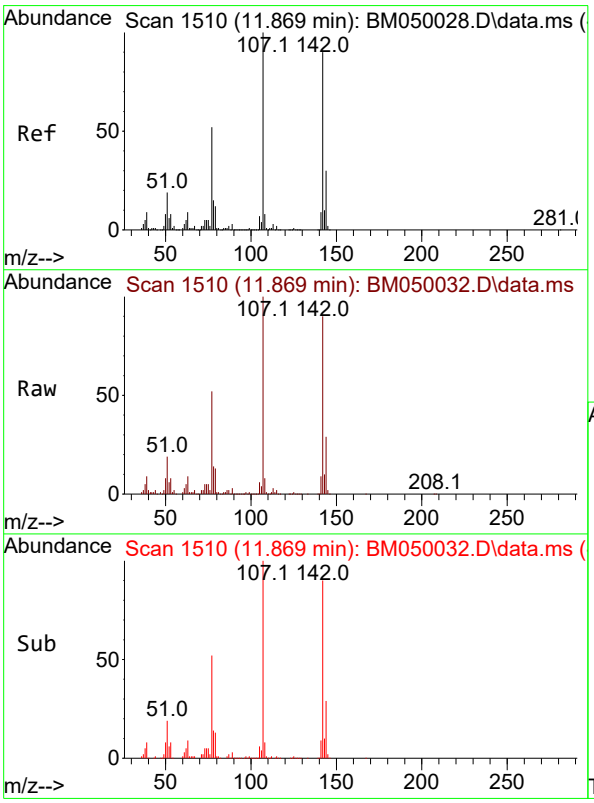
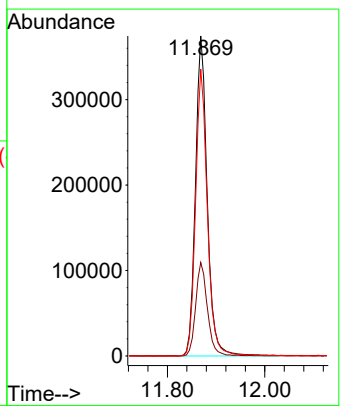


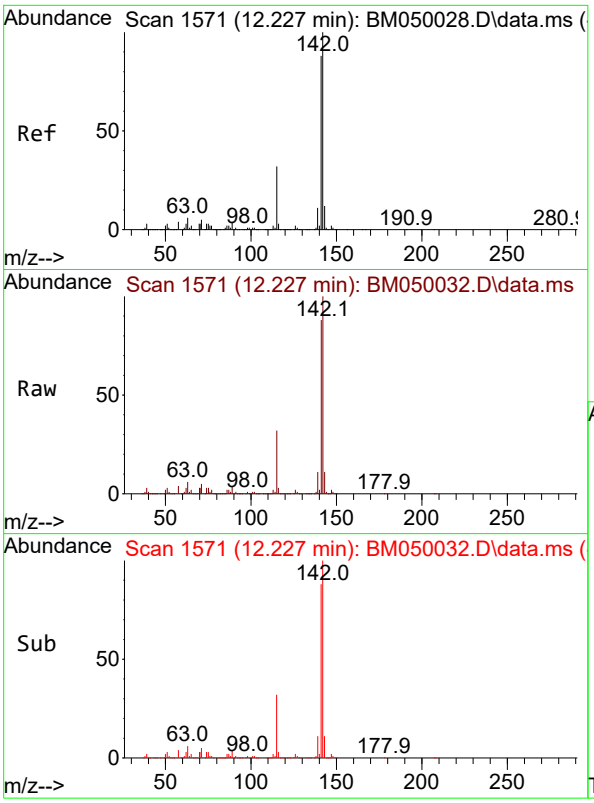


#36
4-Chloro-3-methylphenol
Concen: 46.825 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:107 Resp: 632365

Ion	Ratio	Lower	Upper
107	100		
144	29.2	23.8	35.6
142	89.6	71.9	107.9

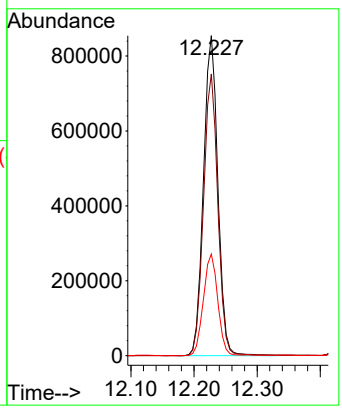




#37
2-Methylnaphthalene
Concen: 45.374 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:142 Resp: 135217

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	31.8	25.4	38.2



Instrument :
BNA_M
ClientSampleId :
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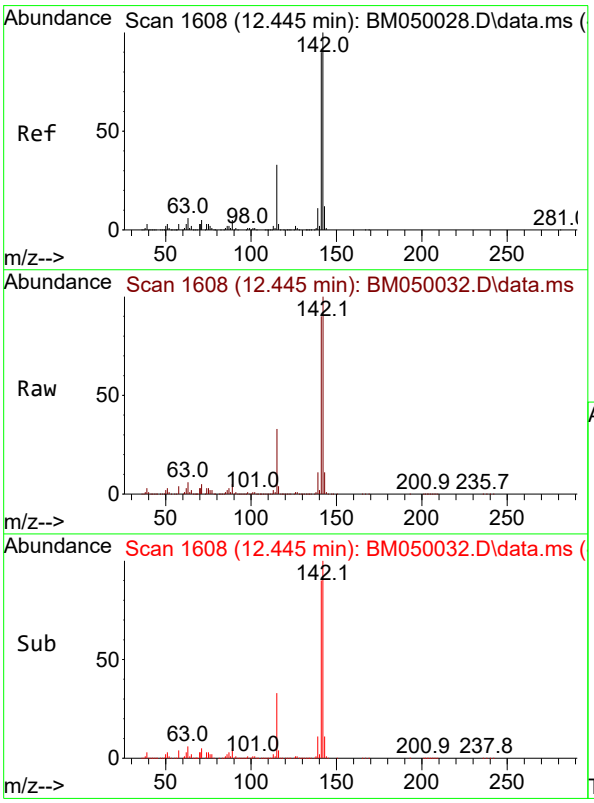
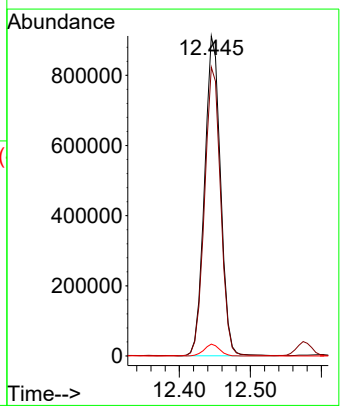
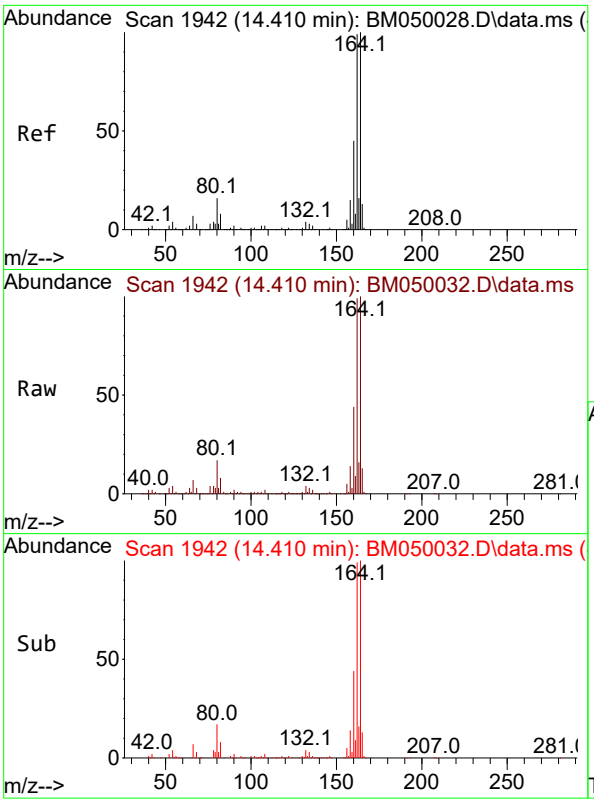


#38
1-Methylnaphthalene
Concen: 45.198 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:142 Resp: 1425407

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.1	108.1
116	3.7	2.7	4.1

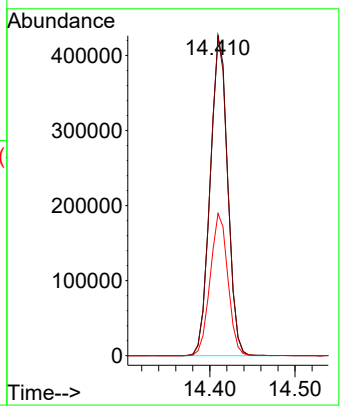




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:164 Resp: 60583

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.4	119.0
160	44.5	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
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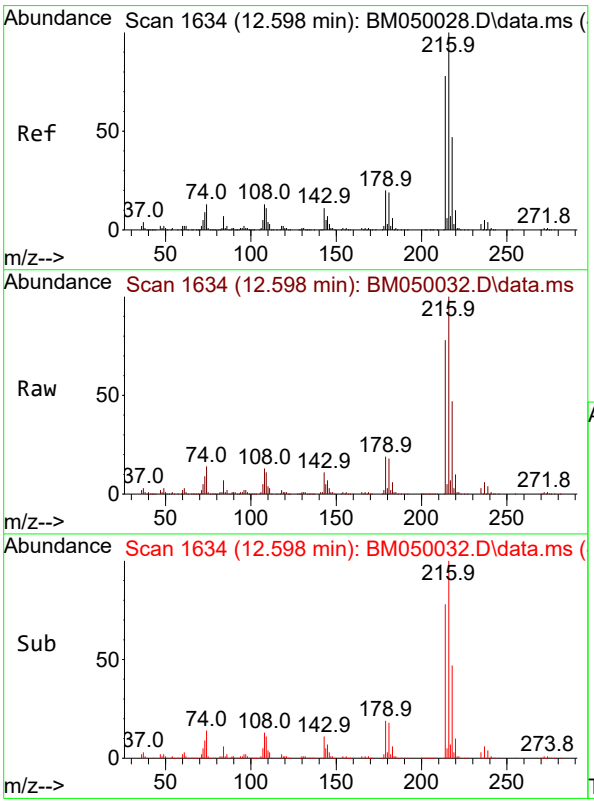
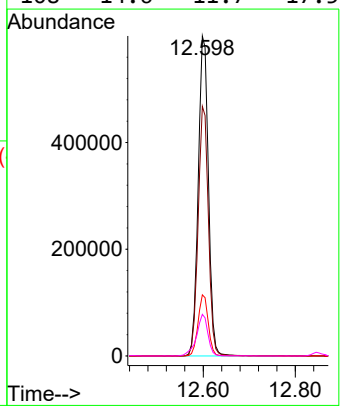
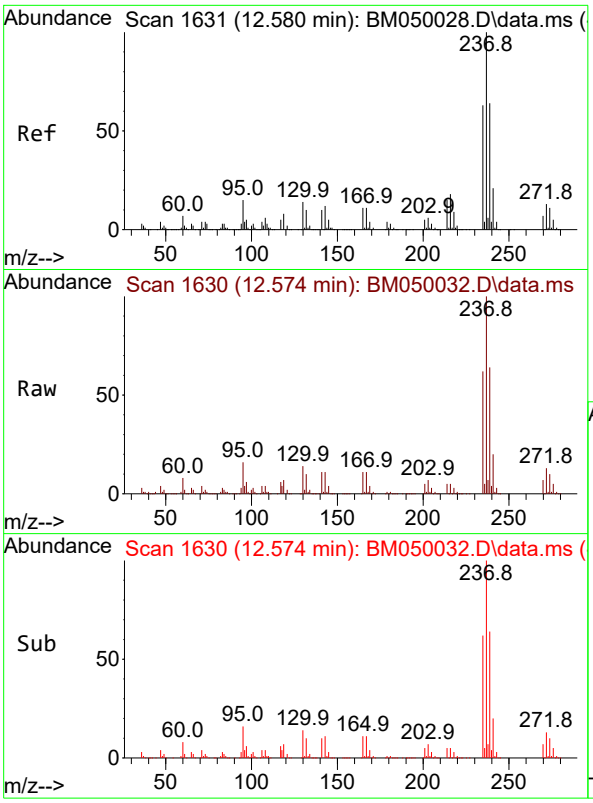


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.140 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:216 Resp: 925725

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.3	93.5
179	19.1	15.4	23.0
108	14.6	11.7	17.5





#41
Hexachlorocyclopentadiene
Concen: 44.374 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:237 Resp: 56871

Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.9	82.9
272	12.9	0.0	32.9

Instrument :
BNA_M
ClientSampleId :
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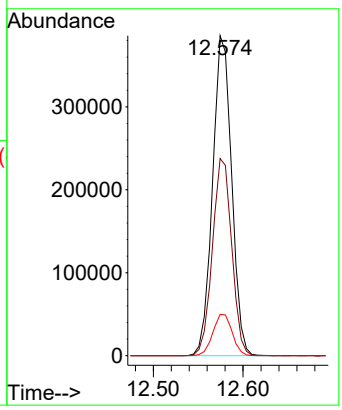
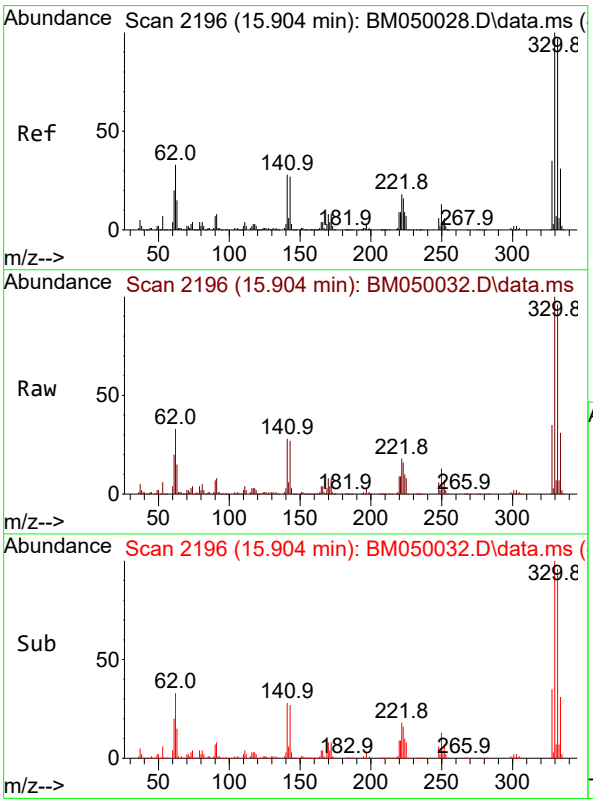
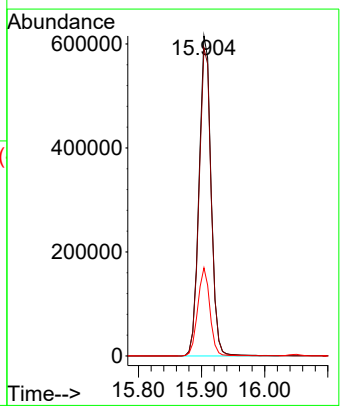


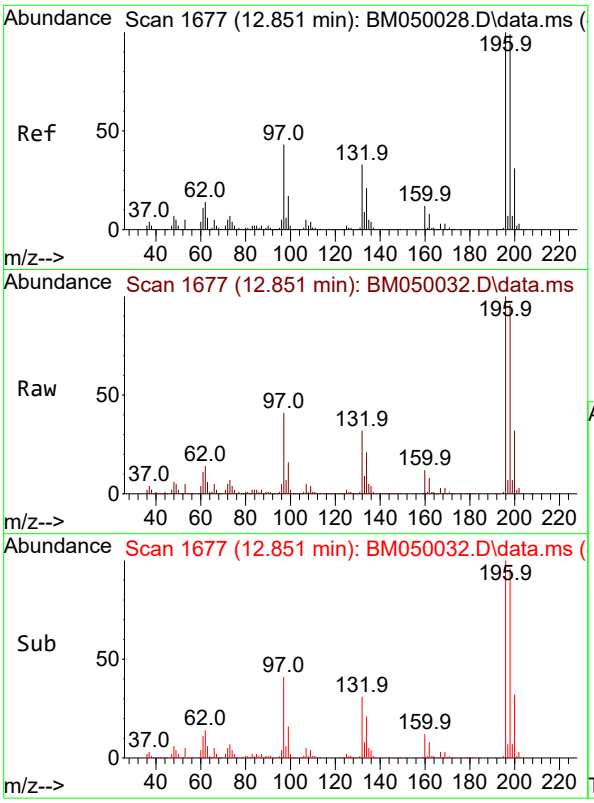


#42
2,4,6-Tribromophenol
Concen: 90.503 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:330 Resp: 810732

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	28.0	22.5	33.7

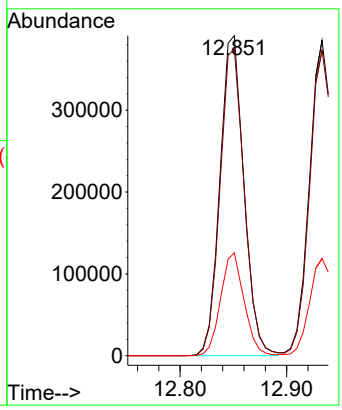




#43
2,4,6-Trichlorophenol
Concen: 46.094 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:196 Resp: 61314

Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.0	118.6
200	32.2	25.1	37.7



Instrument :
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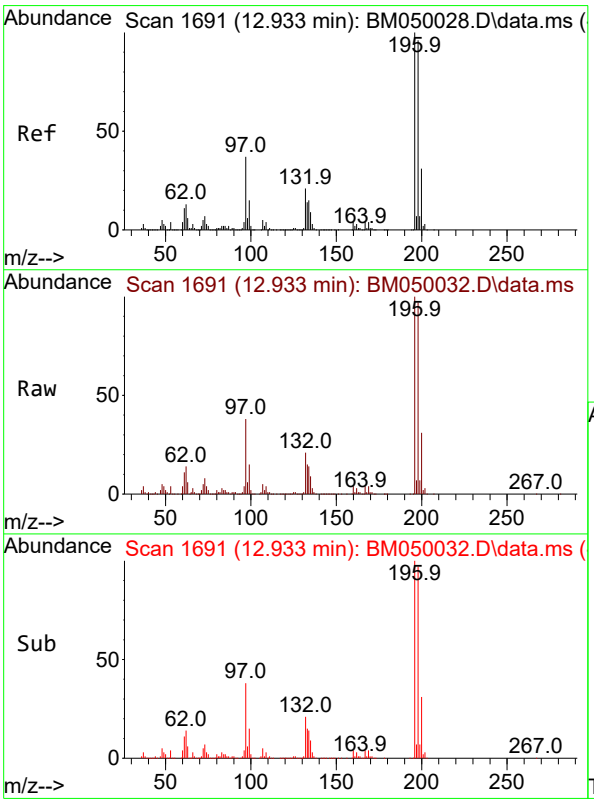
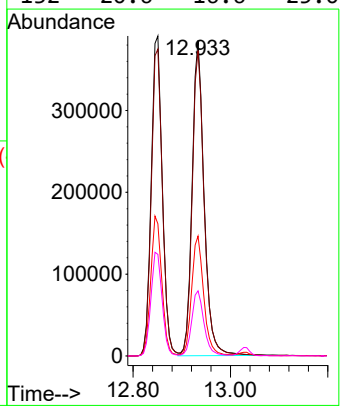
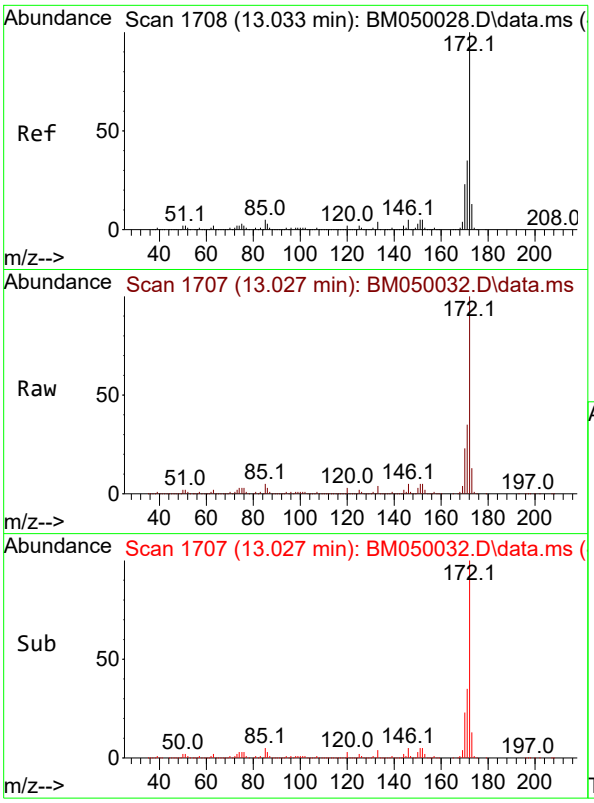


#44
2,4,5-Trichlorophenol
Concen: 46.271 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:196 Resp: 663718

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.7	115.1
97	38.0	30.1	45.1
132	20.6	16.6	25.0

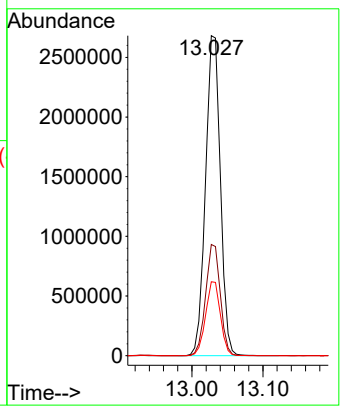




#45
2-Fluorobiphenyl
Concen: 76.259 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:172 Resp: 390538

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.1	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
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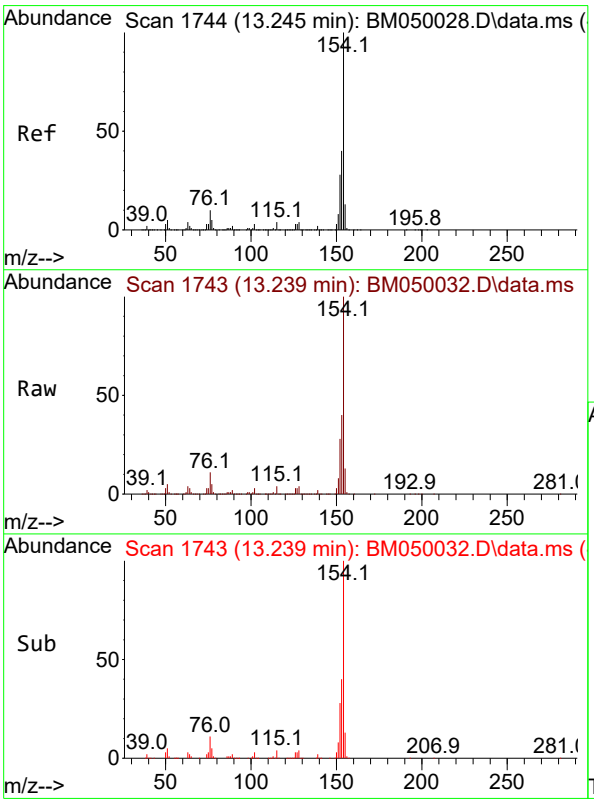
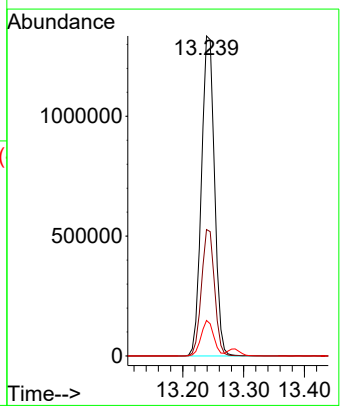
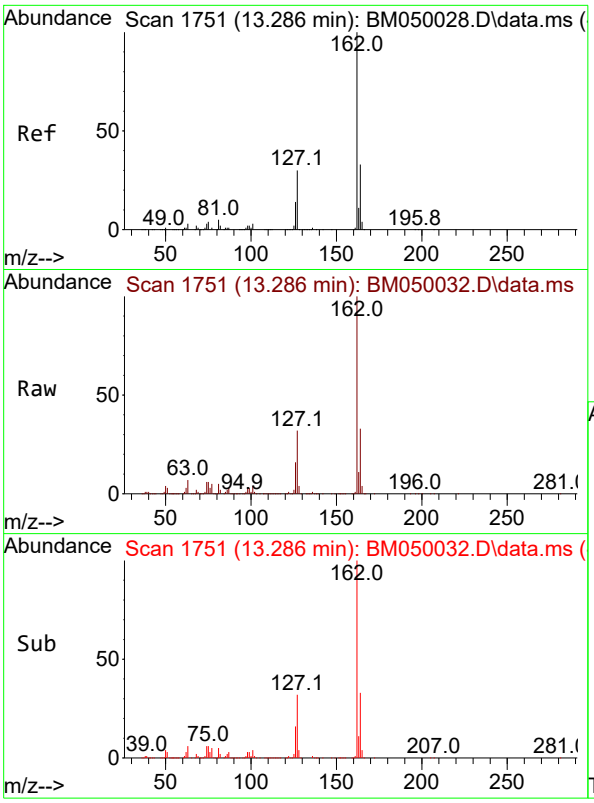


#46
1,1'-Biphenyl
Concen: 44.207 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:154 Resp: 1990852

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.0	60.0
76	11.1	0.0	30.3

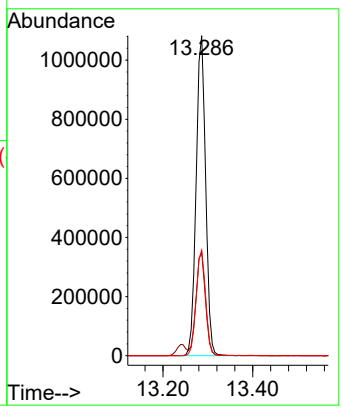




#47
2-Chloronaphthalene
Concen: 44.684 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:162 Resp: 159376

Ion	Ratio	Lower	Upper
162	100		
127	32.2	25.9	38.9
164	33.0	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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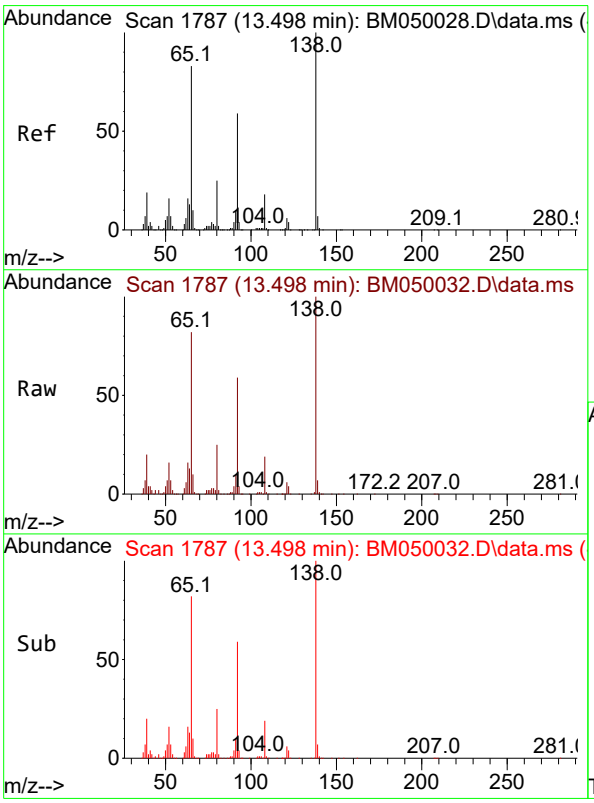
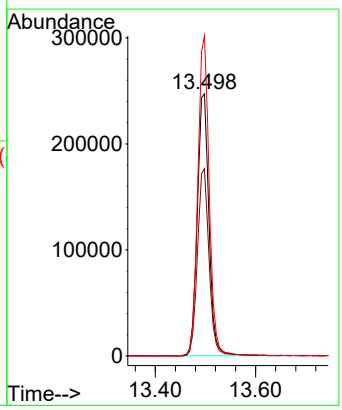
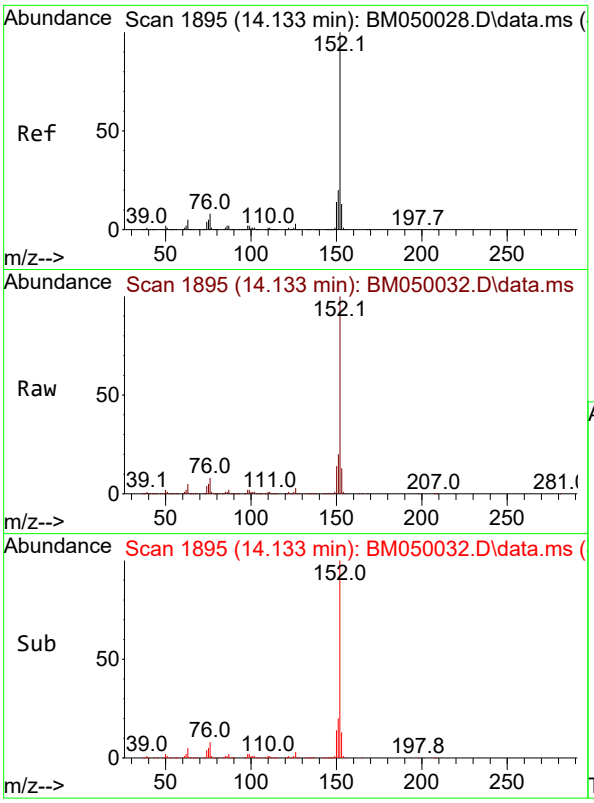


#48
2-Nitroaniline
Concen: 47.621 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 65 Resp: 398645

Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.1	85.7
138	122.1	97.0	145.4

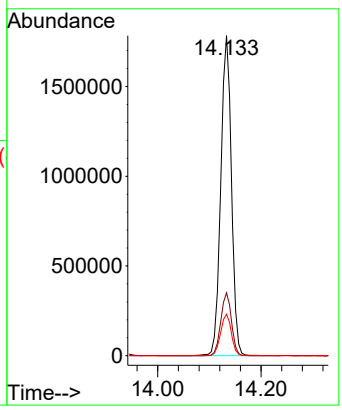




#49
Acenaphthylene
Concen: 45.315 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:152 Resp: 254834

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.0	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
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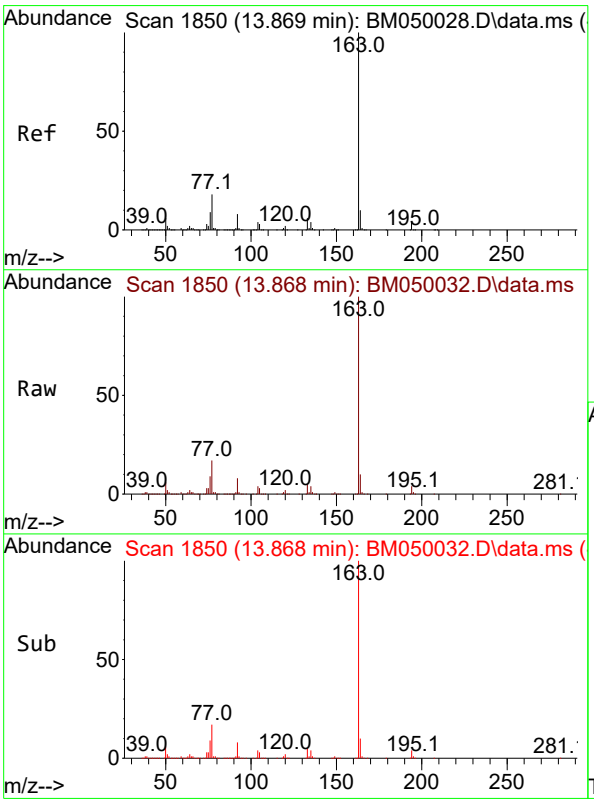
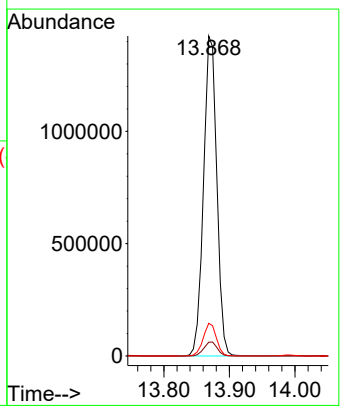
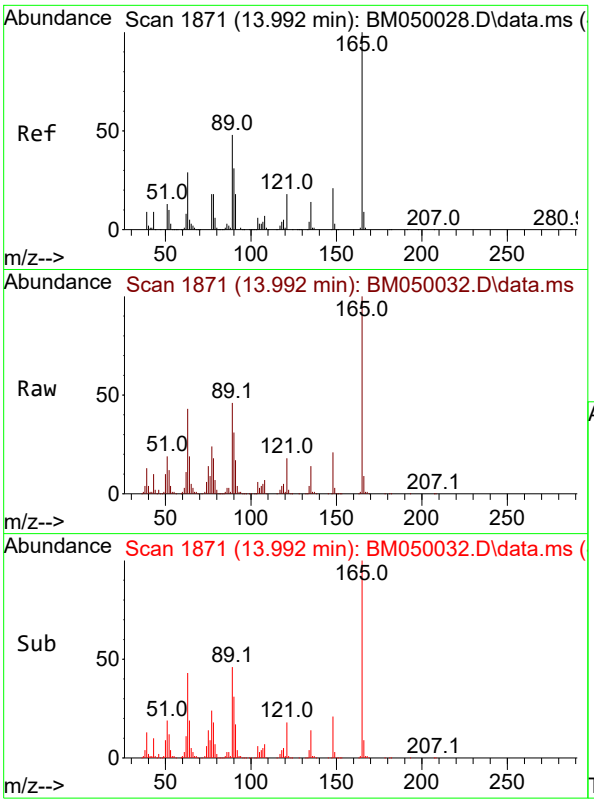


#50
Dimethylphthalate
Concen: 45.338 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:163 Resp: 2007342

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: 47.554 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:165 Resp: 43592

Ion	Ratio	Lower	Upper
165	100		
63	42.9	35.1	52.7
89	46.4	38.4	57.6

Instrument :
BNA_M
ClientSampleId :
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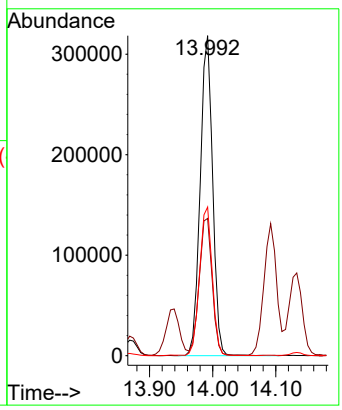
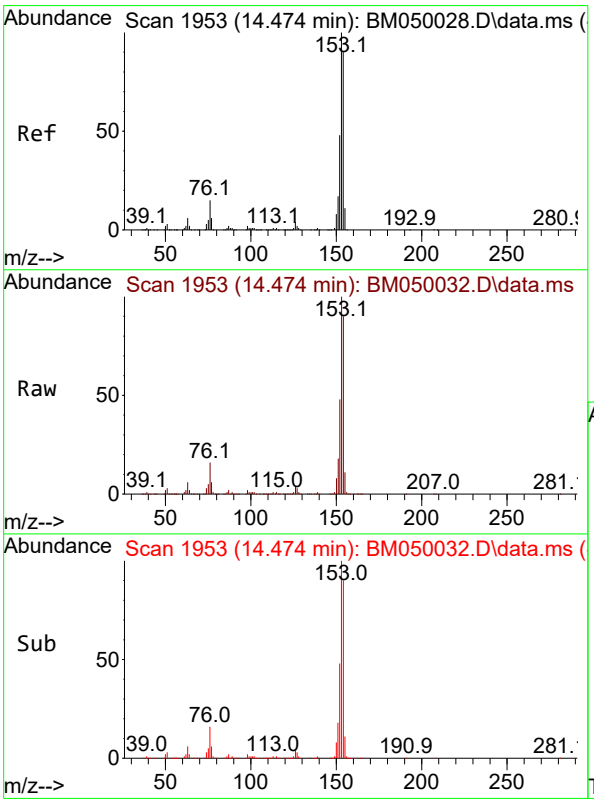
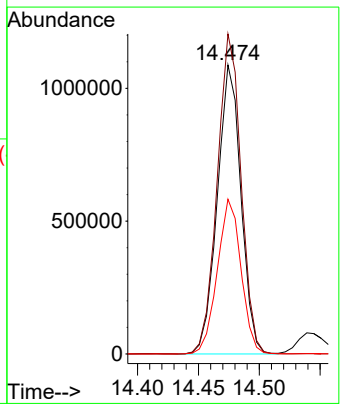


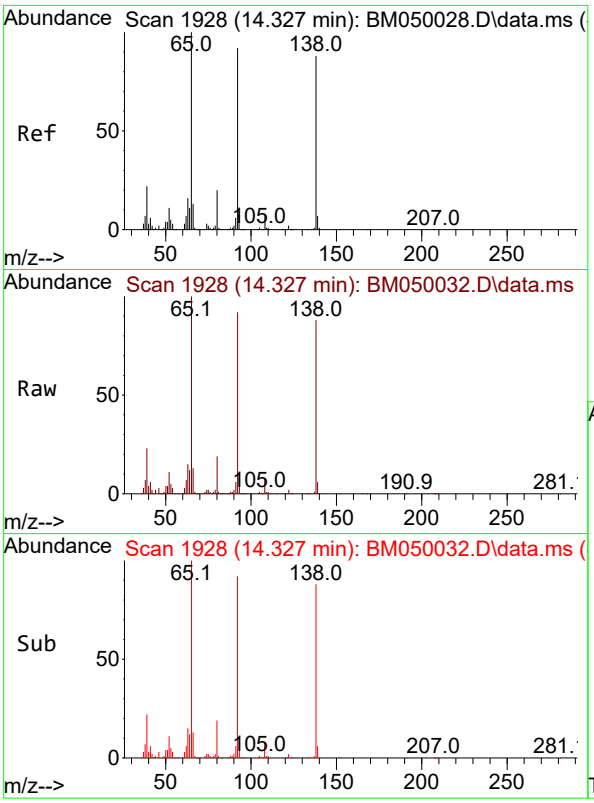


#52
Acenaphthene
Concen: 45.210 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:154 Resp: 1471672

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.0	133.4
152	53.5	43.0	64.6

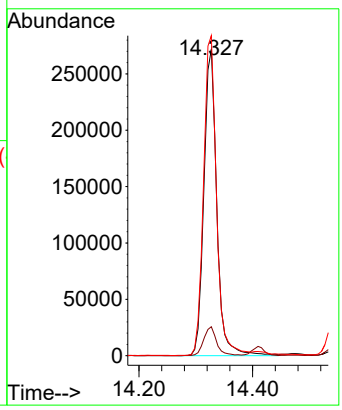




#53
3-Nitroaniline
Concen: 48.843 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:138 Resp: 42746

Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.4	11.2
92	104.5	84.0	126.0



Instrument :
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ClientSampleId :
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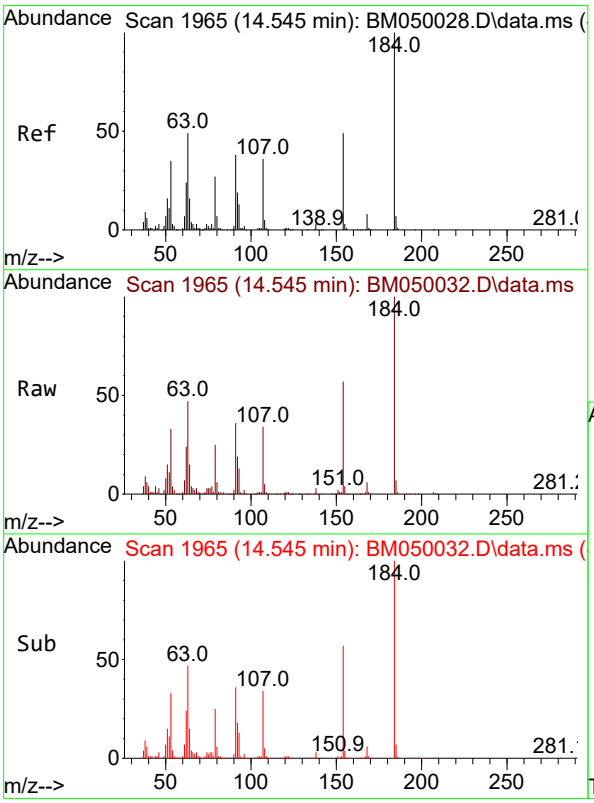
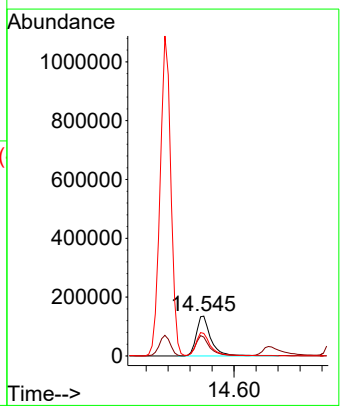
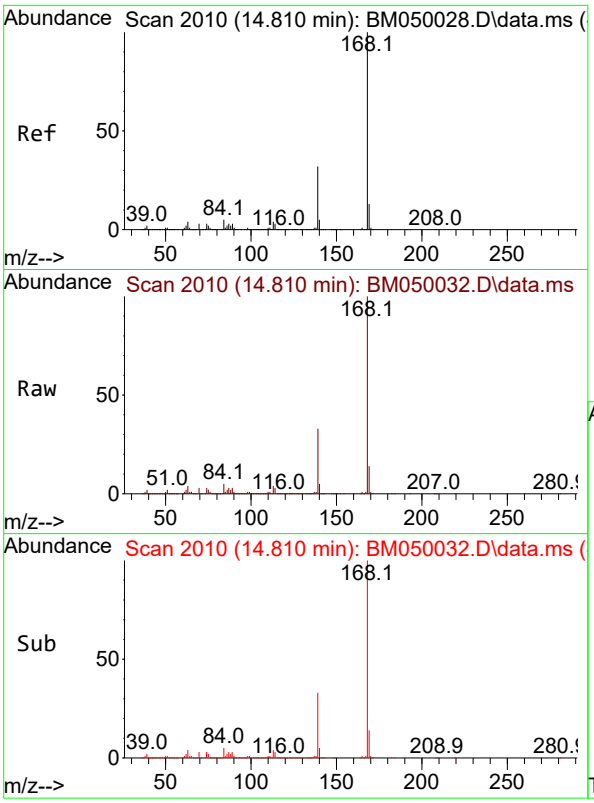


#54
2,4-Dinitrophenol
Concen: 45.189 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:184 Resp: 249307

Ion	Ratio	Lower	Upper
184	100		
63	47.3	39.8	59.6
154	56.7	46.1	69.1

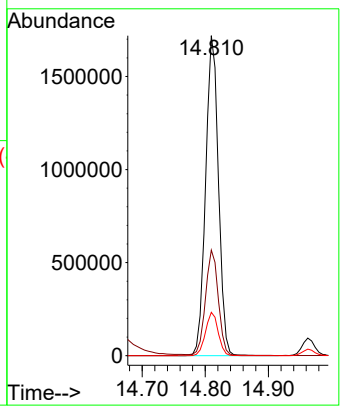




#55
Dibenzofuran
Concen: 44.828 ng
RT: 14.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:168 Resp: 242783

Ion	Ratio	Lower	Upper
168	100		
139	33.0	26.1	39.1
169	13.5	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
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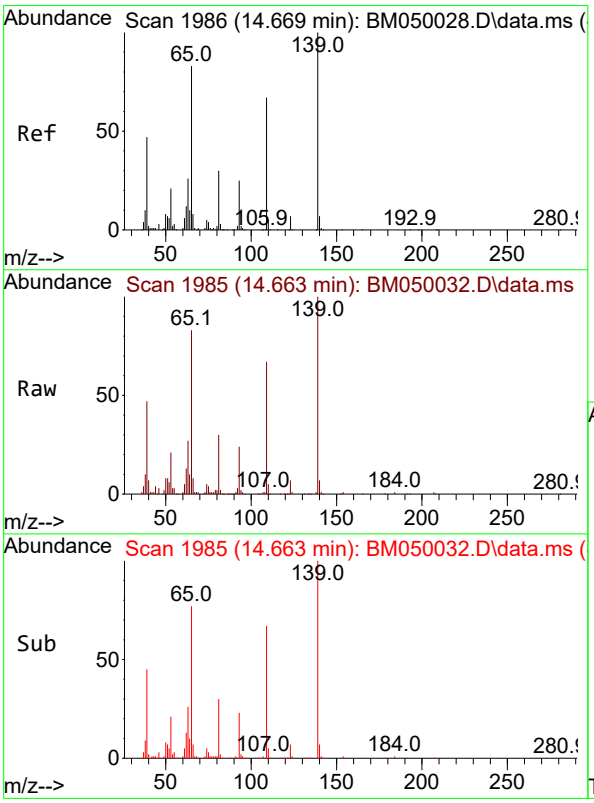
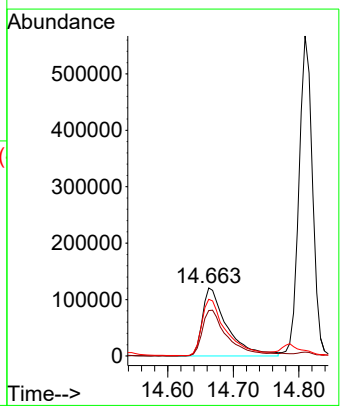
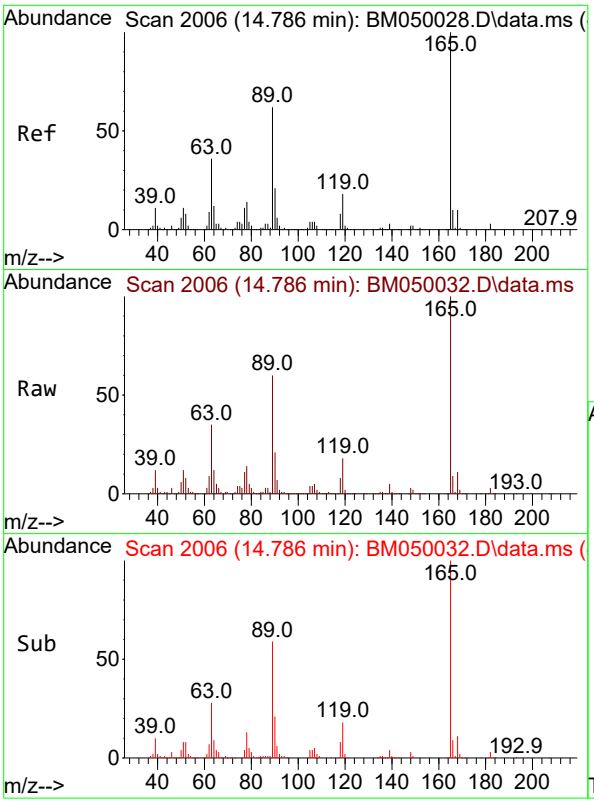


#56
4-Nitrophenol
Concen: 46.012 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:139 Resp: 313065

Ion	Ratio	Lower	Upper
139	100		
109	66.8	47.0	87.0
65	83.4	64.3	104.3

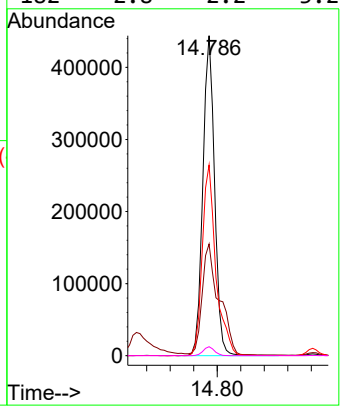




#57
2,4-Dinitrotoluene
Concen: 48.311 ng
RT: 14.786 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:165 Resp: 61194

Ion	Ratio	Lower	Upper
165	100		
63	34.9	29.0	43.6
89	59.6	49.4	74.2
182	2.8	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
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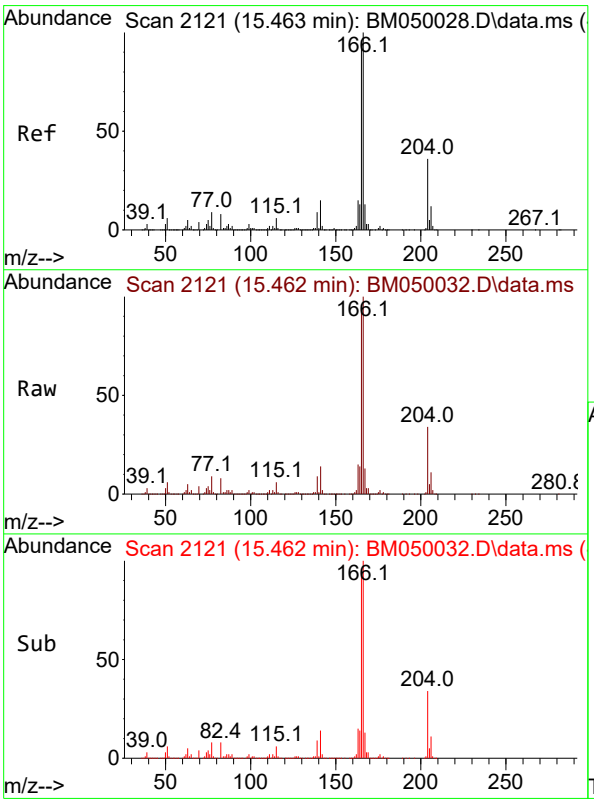
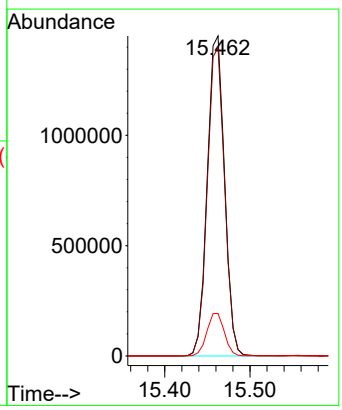
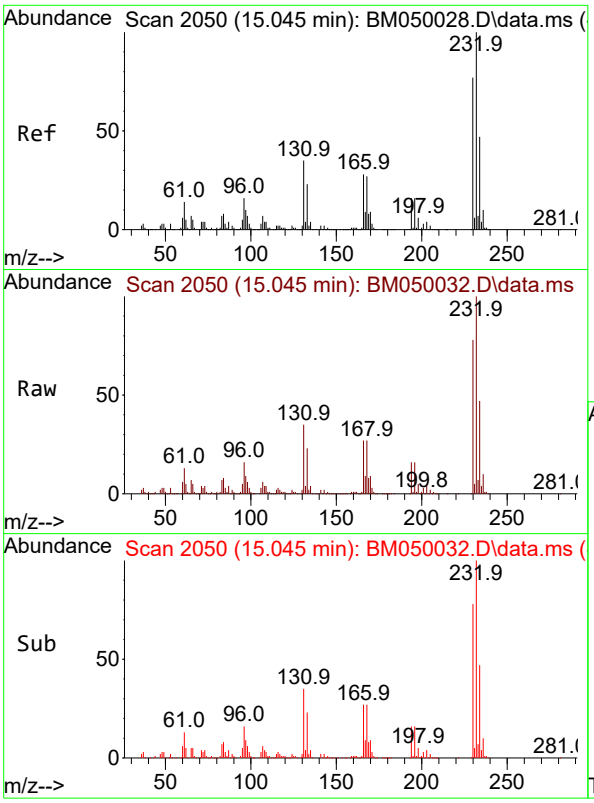


#58
Fluorene
Concen: 46.115 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:166 Resp: 2044284

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.6	115.0
167	13.3	10.6	16.0

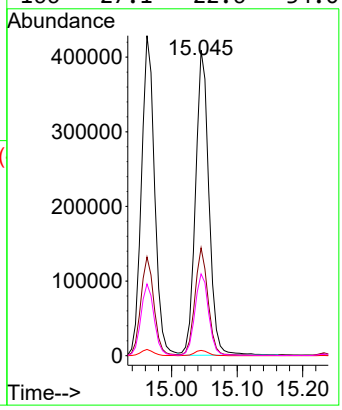




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.970 ng
RT: 15.045 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:232 Resp: 583198

Ion	Ratio	Lower	Upper
232	100		
131	34.5	28.2	42.4
130	1.8	1.5	2.3
166	27.1	22.6	34.0



Instrument :
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ClientSampleId :
ICVBM042825

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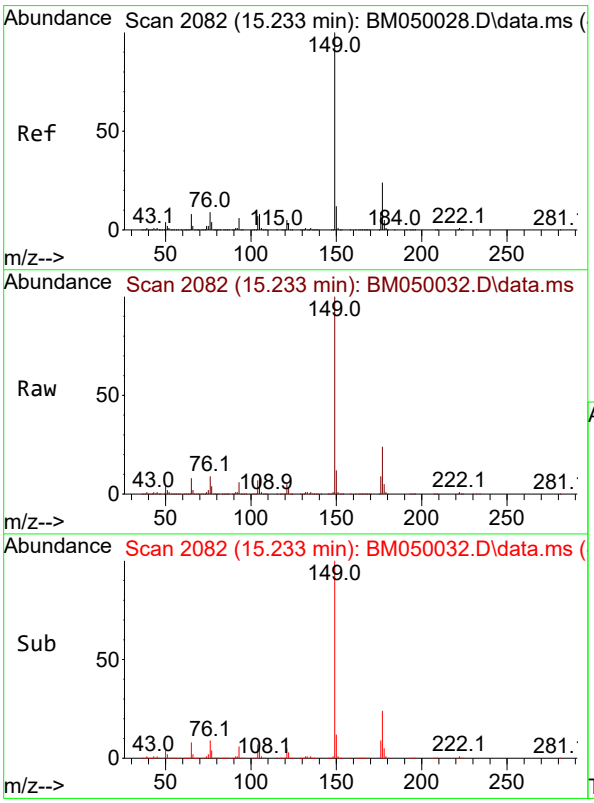
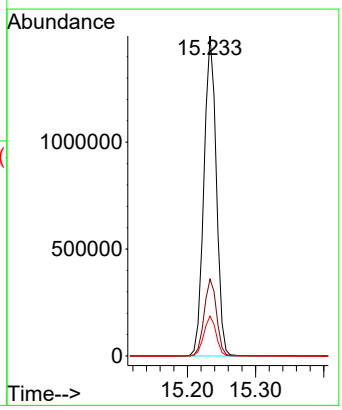
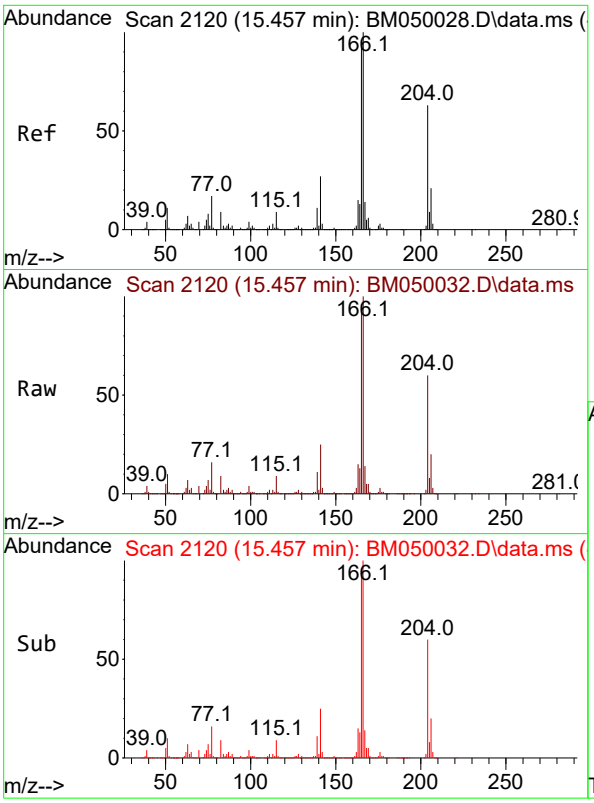


#60
Diethylphthalate
Concen: 45.299 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 1889827

Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.1	28.7
150	12.4	9.6	14.4





#61
4-Chlorophenyl-phenylether
Concen: 45.950 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:204 Resp: 111883

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	41.1	34.0	51.0

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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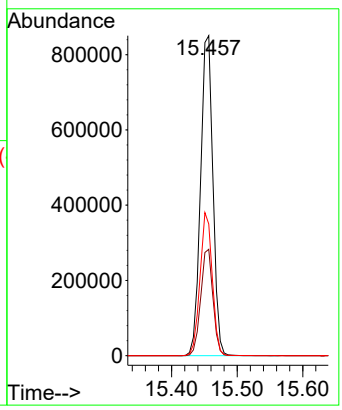
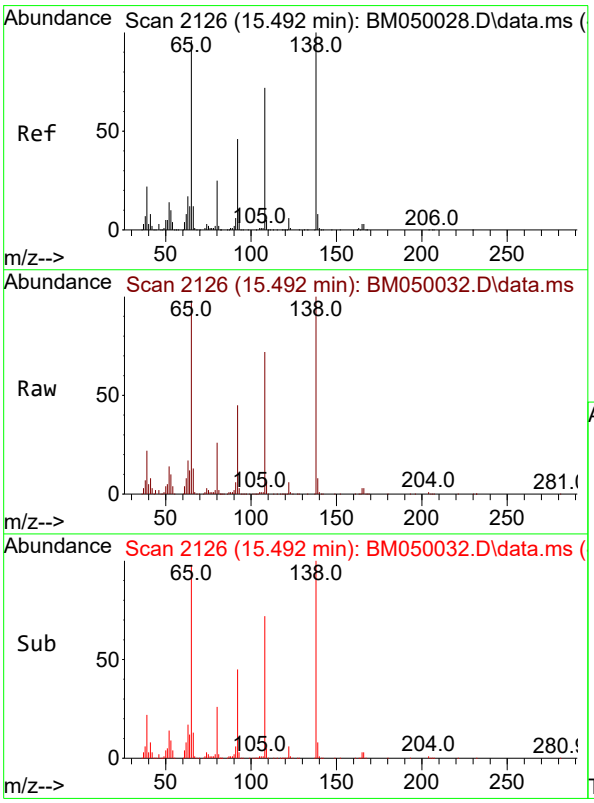
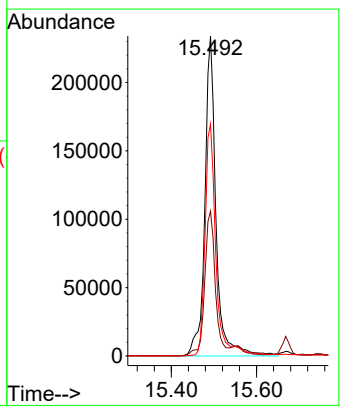


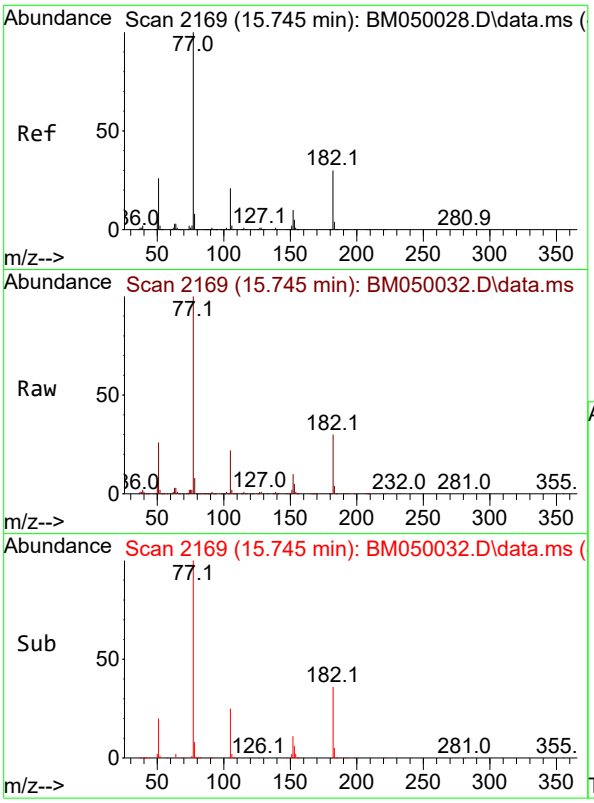


#62
4-Nitroaniline
Concen: 50.610 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:138 Resp: 427339

Ion	Ratio	Lower	Upper
138	100		
92	45.3	25.9	65.9
108	72.5	52.4	92.4

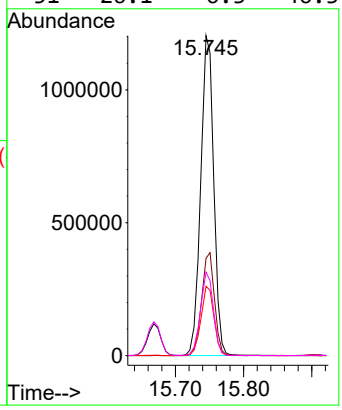




#63
Azobenzene
Concen: 45.747 ng
RT: 15.745 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 77 Resp: 159948

Ion	Ratio	Lower	Upper
77	100		
182	30.5	10.5	50.5
105	21.6	1.1	41.1
51	26.1	6.3	46.3



Instrument :
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ClientSampleId :
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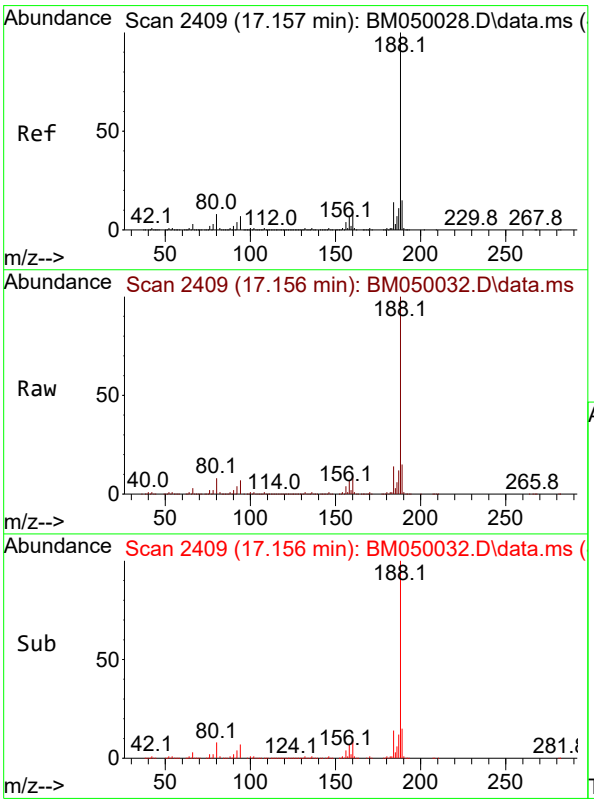
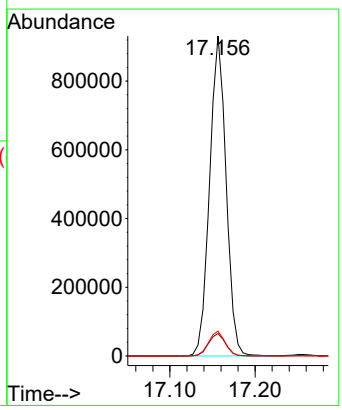
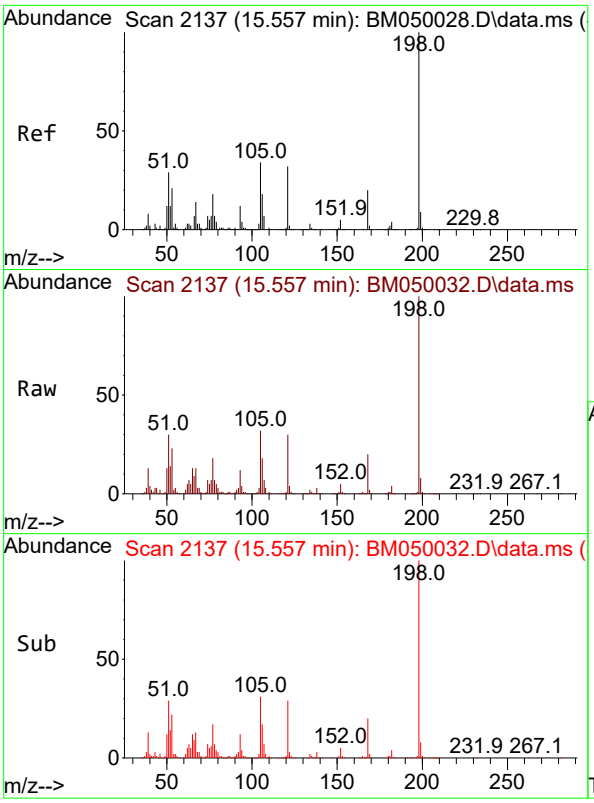


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:188 Resp: 1251563

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.7	6.2	9.4

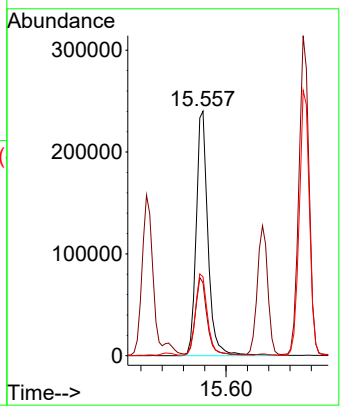




#65
4,6-Dinitro-2-methylphenol
Concen: 46.920 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:198 Resp: 36758

Ion	Ratio	Lower	Upper
198	100		
51	29.9	10.4	50.4
105	32.3	14.6	54.6



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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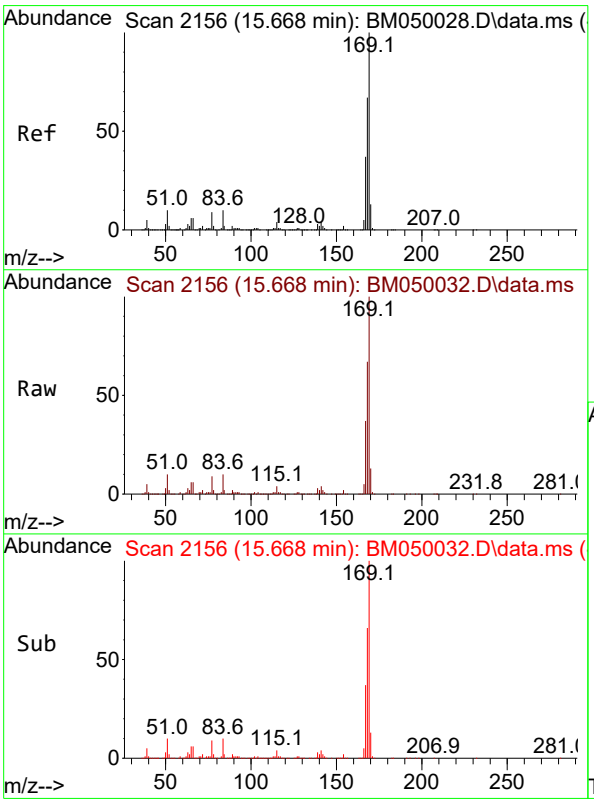
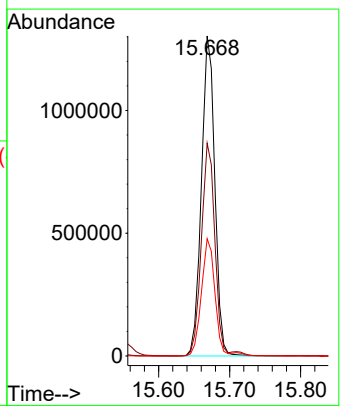
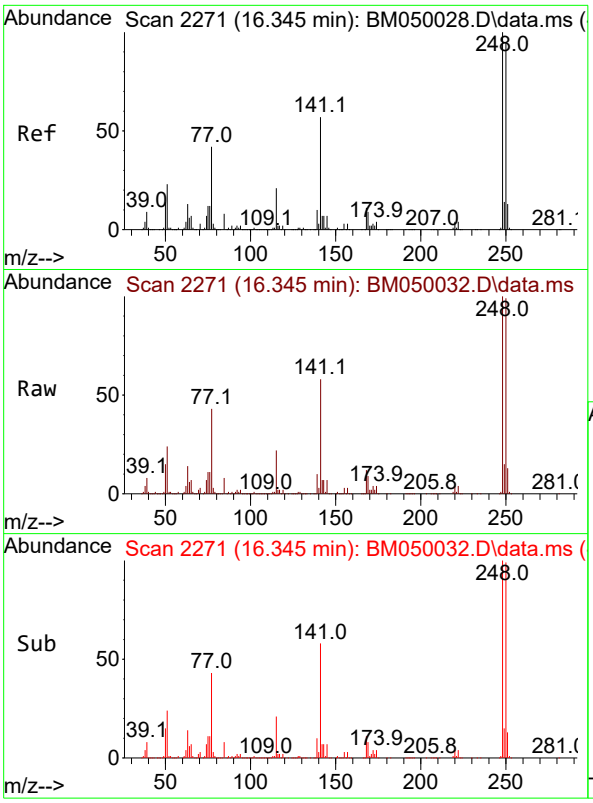


#66
n-Nitrosodiphenylamine
Concen: 44.485 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:169 Resp: 1709666

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.4	80.2
167	36.6	29.4	44.0

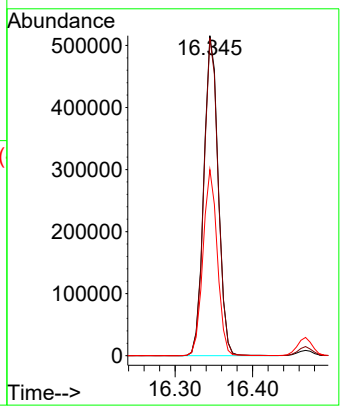




#67
4-Bromophenyl-phenylether
Concen: 43.944 ng
RT: 16.345 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:248 Resp: 66508

Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.2	114.2
141	58.1	45.9	68.9



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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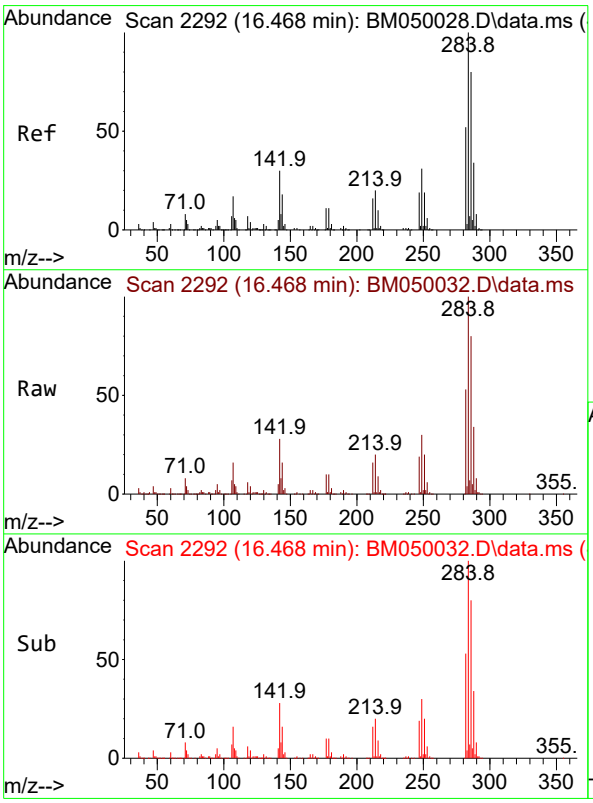
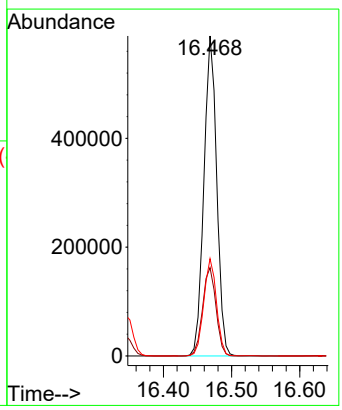
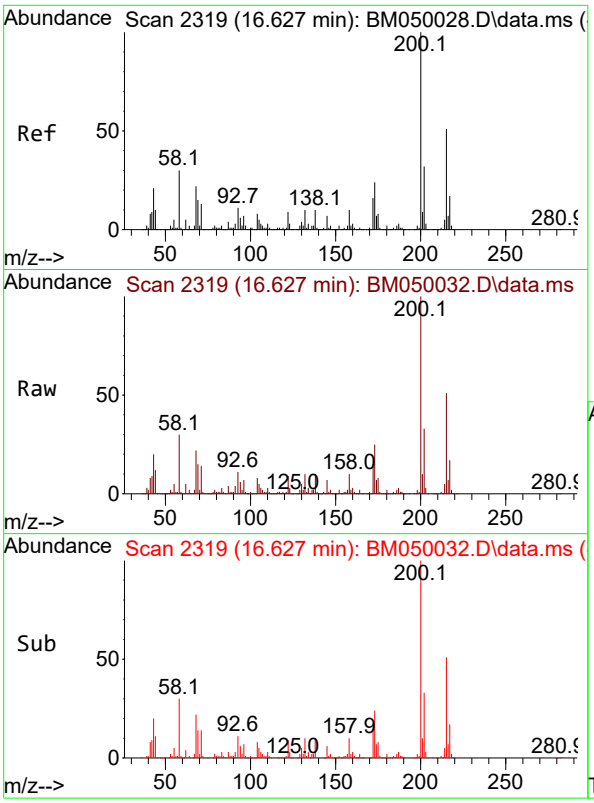


#68
Hexachlorobenzene
Concen: 44.174 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:284 Resp: 770651

Ion	Ratio	Lower	Upper
284	100		
142	27.6	23.9	35.9
249	30.4	24.5	36.7

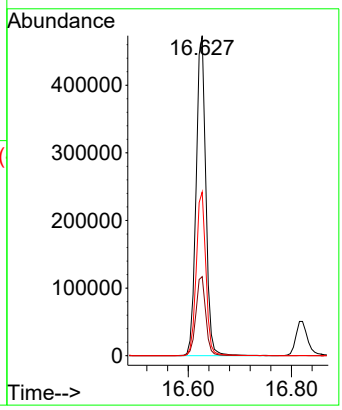




#69
Atrazine
Concen: 44.483 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:200 Resp: 61667

Ion	Ratio	Lower	Upper
200	100		
173	24.7	4.3	44.3
215	51.1	30.6	70.6



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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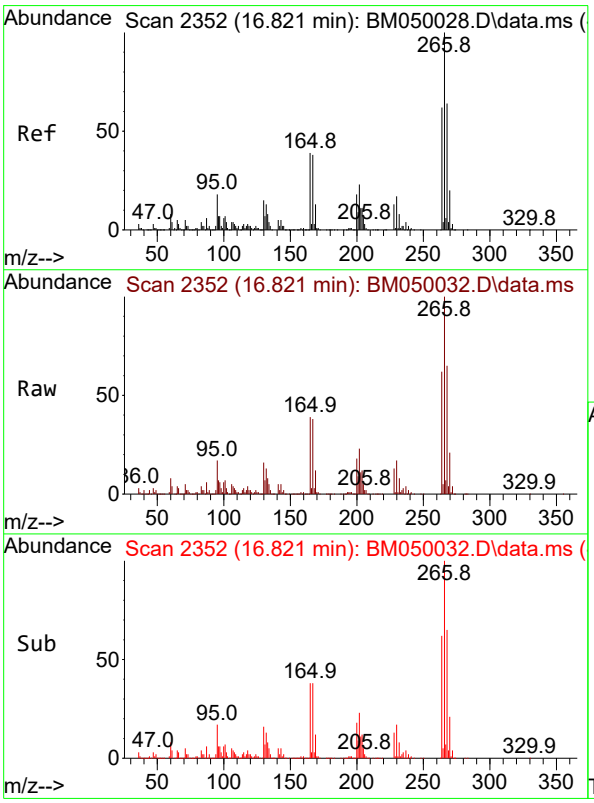
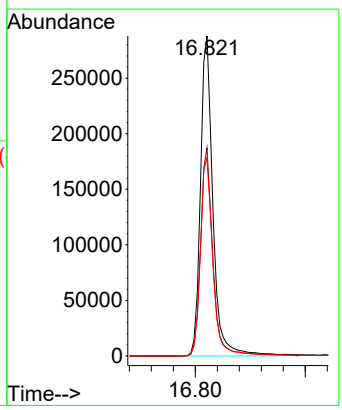
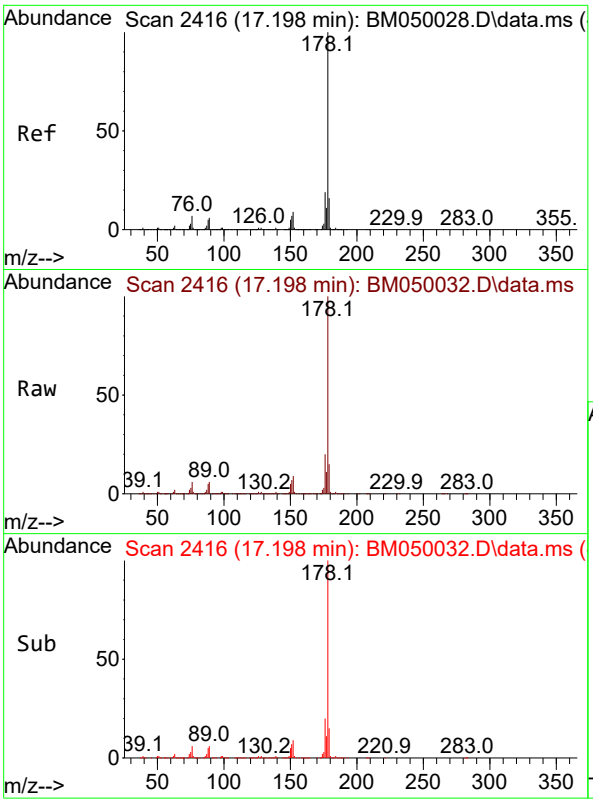


#70
Pentachlorophenol
Concen: 46.059 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:266 Resp: 452303

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.2	76.8
264	61.9	49.6	74.4

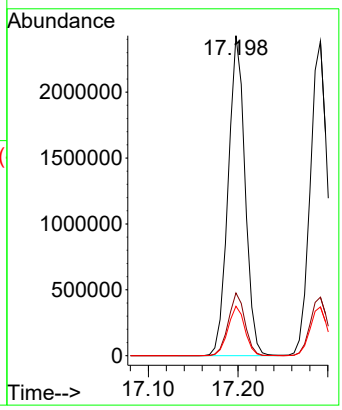




#71
Phenanthrene
Concen: 44.895 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:178 Resp: 316914

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.4	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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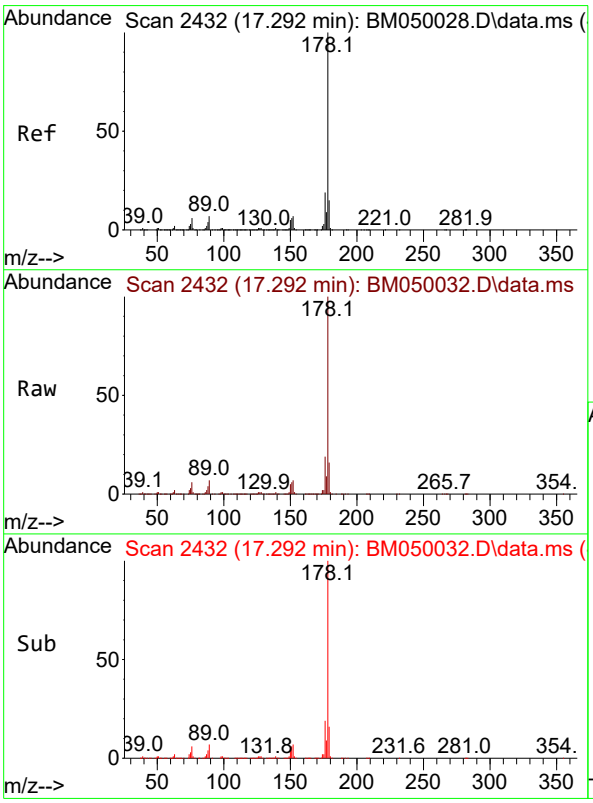
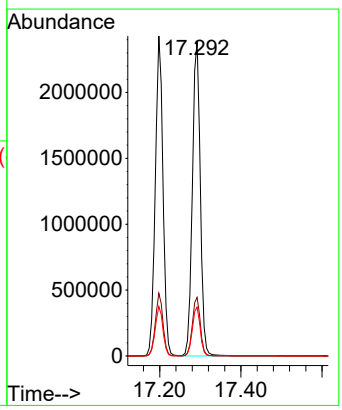
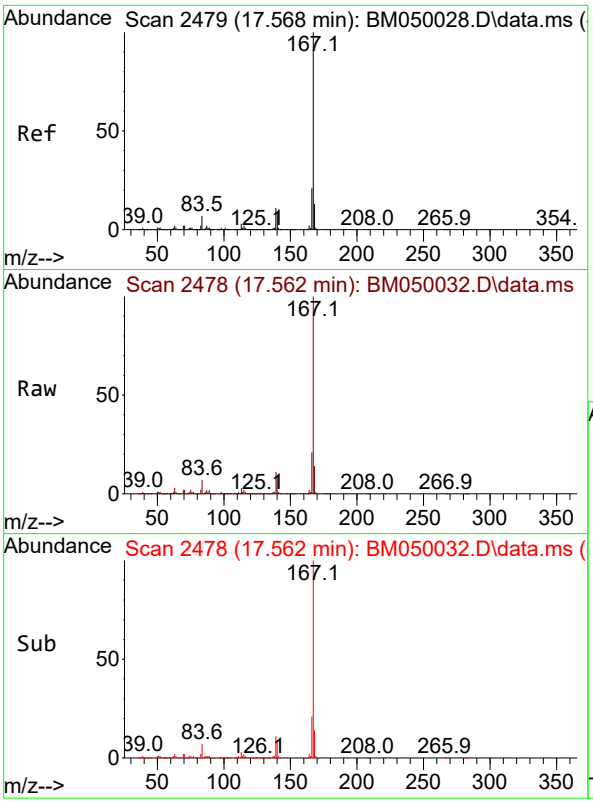


#72
Anthracene
Concen: 45.381 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:178 Resp: 3241829

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.5	12.2	18.4

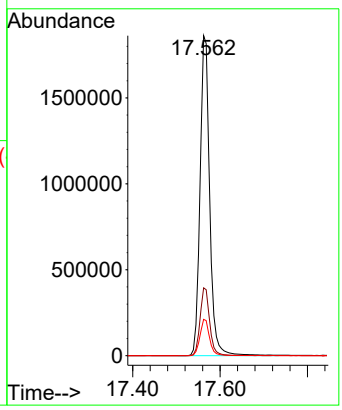




#73
Carbazole
Concen: 46.001 ng
RT: 17.562 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:167 Resp: 285151

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.3	9.0	13.6



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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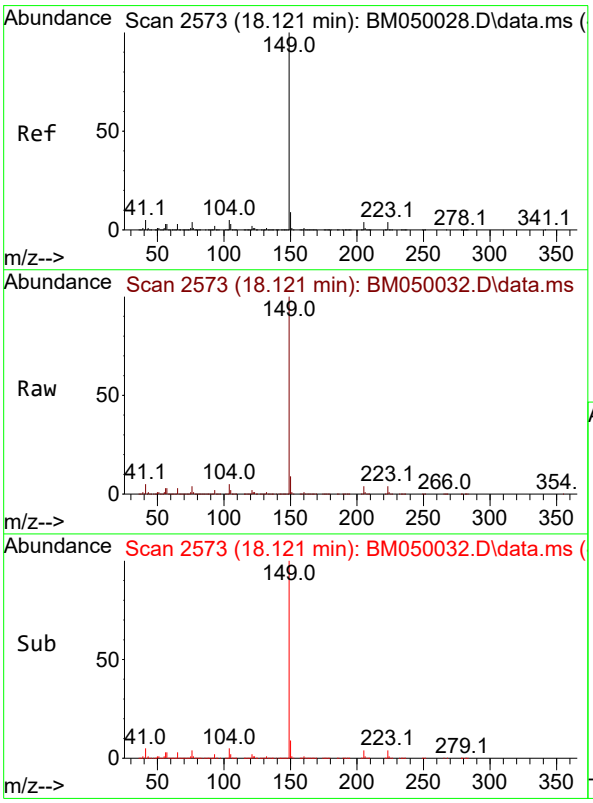
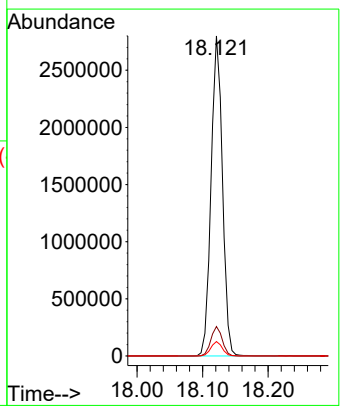
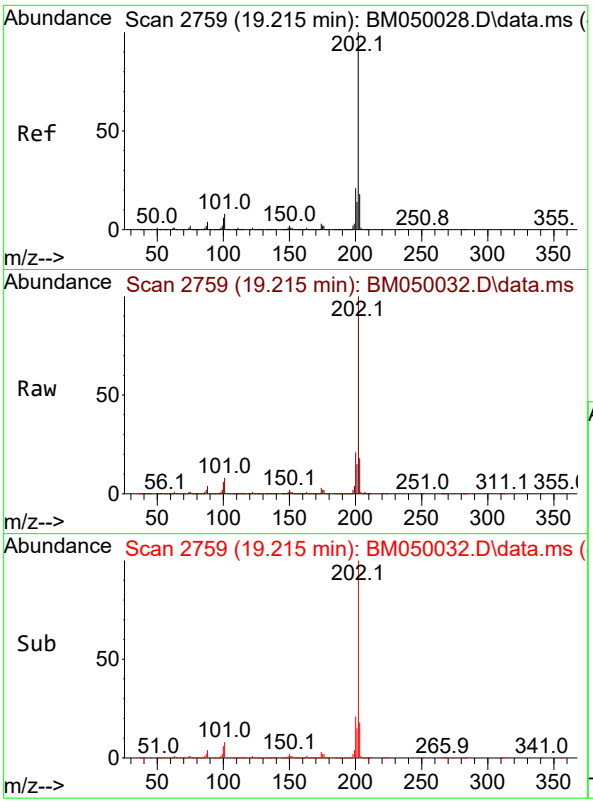


#74
Di-n-butylphthalate
Concen: 45.654 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 3370238

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.8	5.6

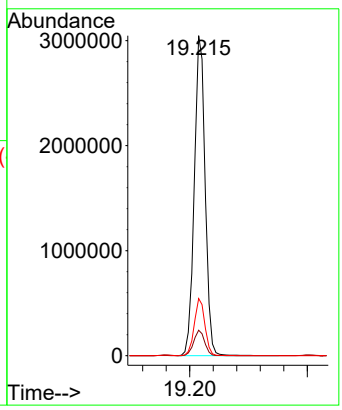




#75
Fluoranthene
Concen: 46.998 ng
RT: 19.215 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:202 Resp: 389504

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	17.9	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
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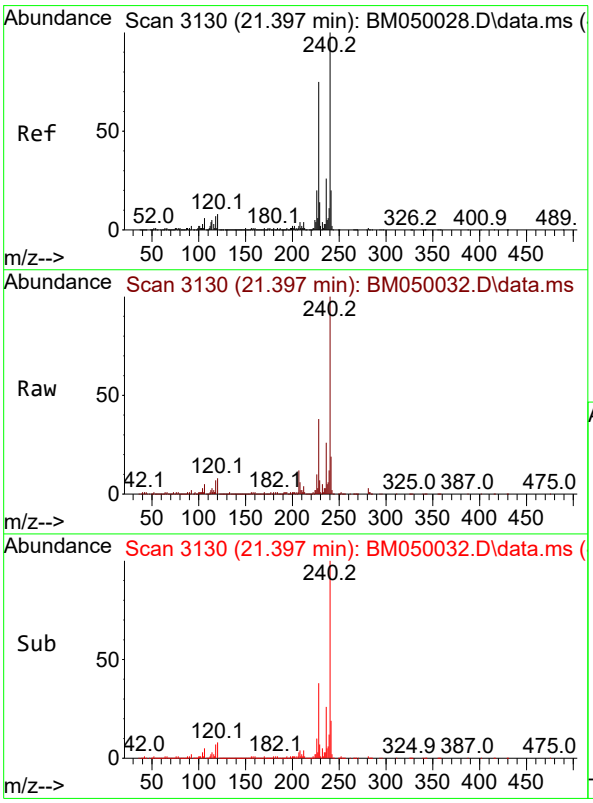
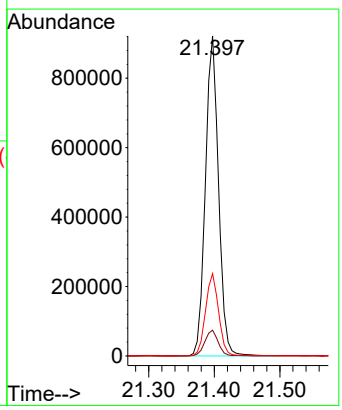
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

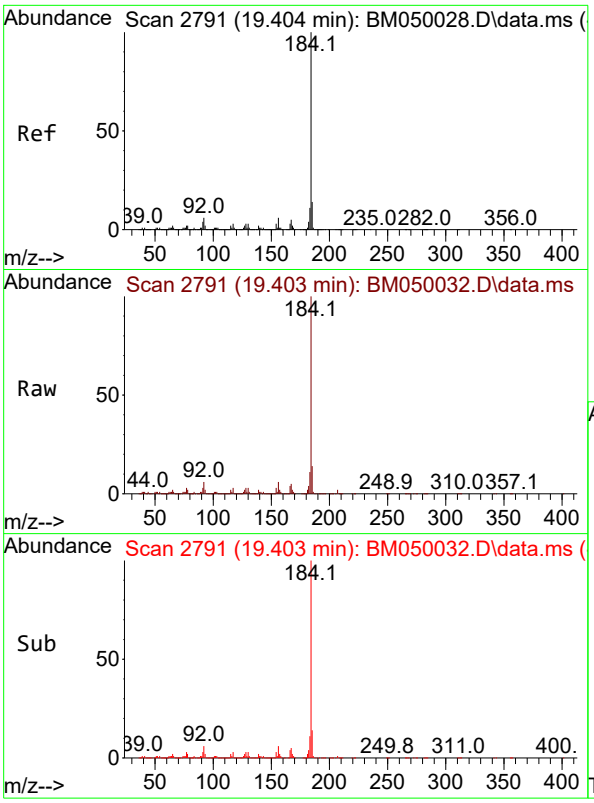


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:240 Resp: 1285998

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.5	9.7
236	25.8	20.9	31.3

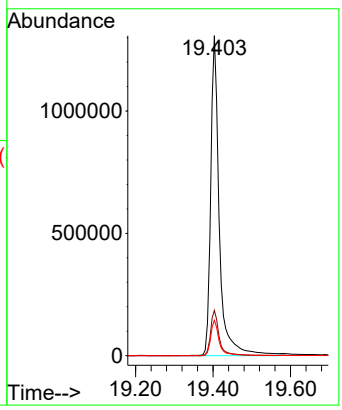




#77
Benzidine
Concen: 44.204 ng
RT: 19.403 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:184 Resp: 201920

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.0	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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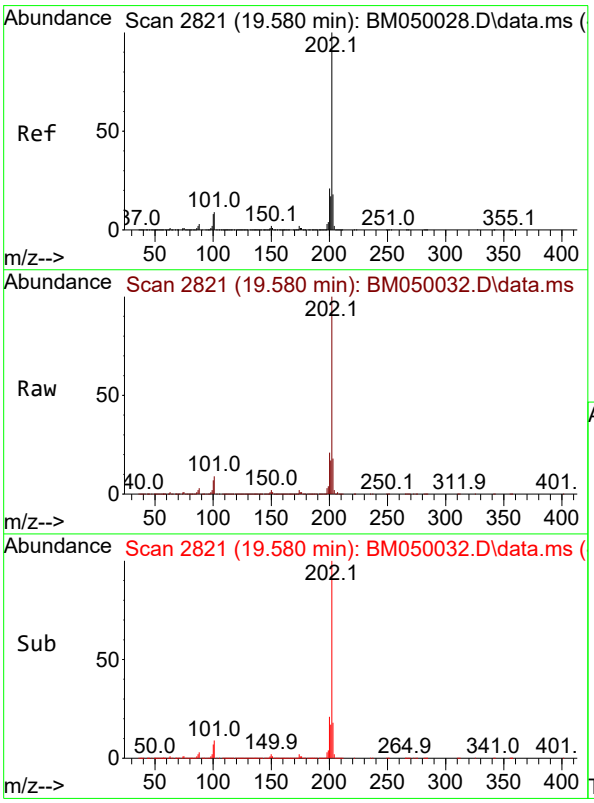
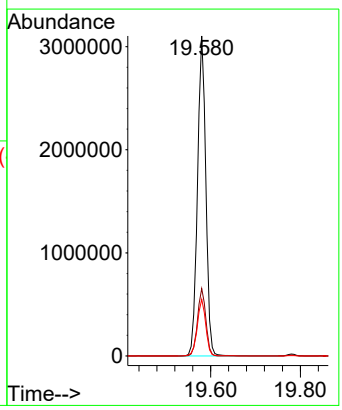
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

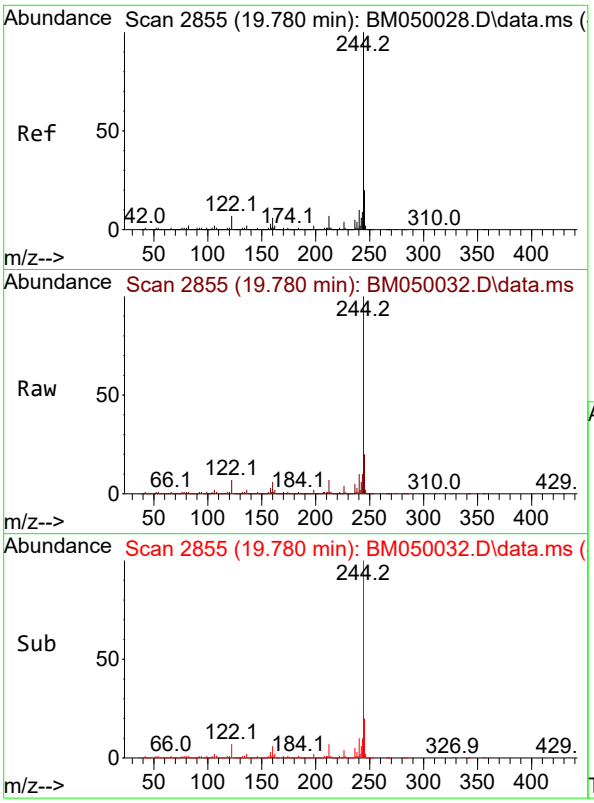


#78
Pyrene
Concen: 44.209 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:202 Resp: 3992384

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.7	14.1	21.1

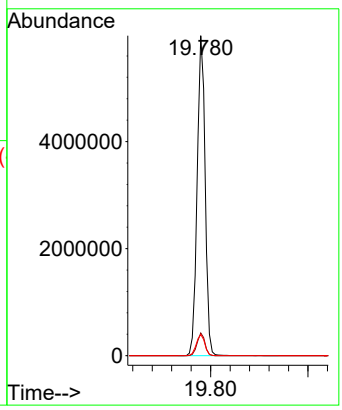




#79
Terphenyl-d14
Concen: 78.970 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:244 Resp: 686305

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.6	5.6	8.4



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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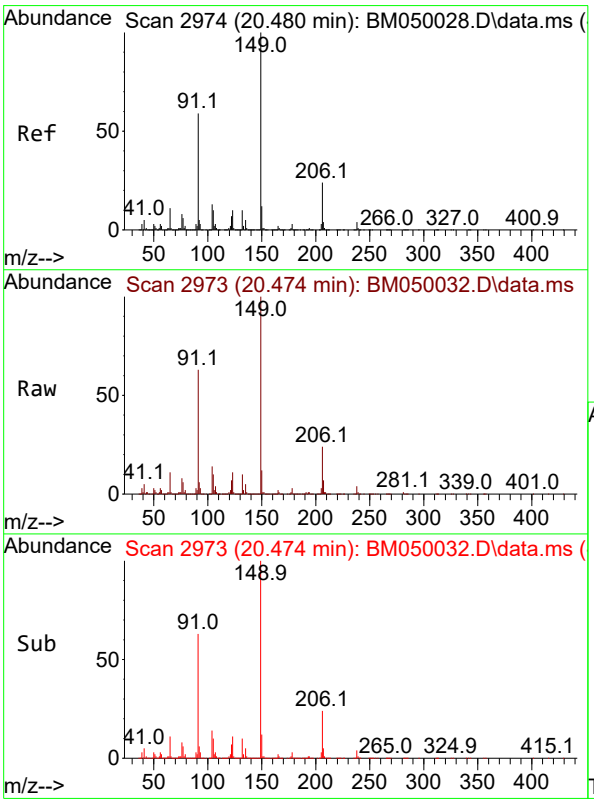
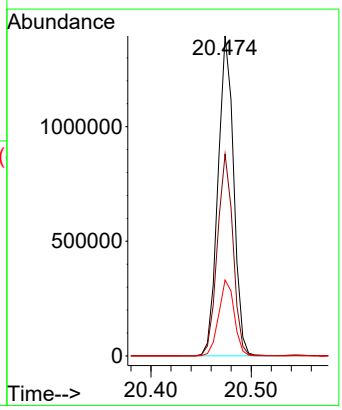
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

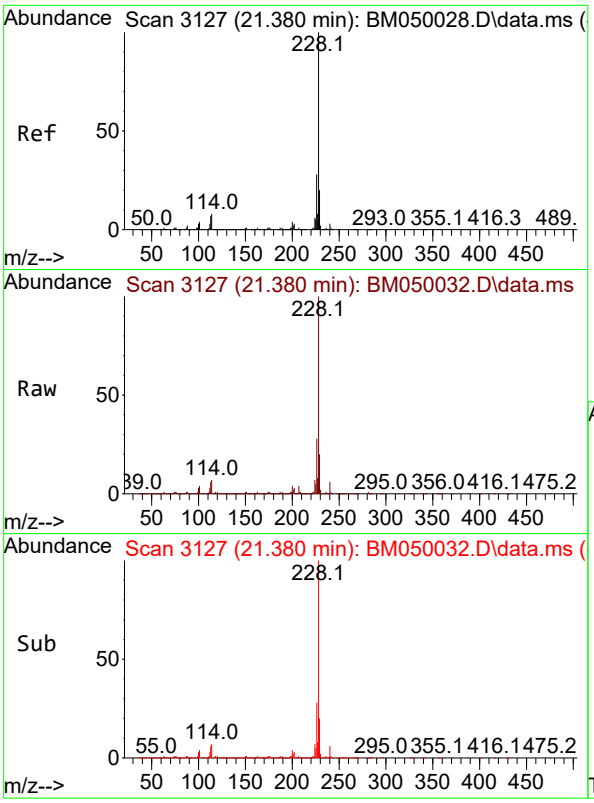


#80
Butylbenzylphthalate
Concen: 44.718 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 1512498

Ion	Ratio	Lower	Upper
149	100		
91	63.0	47.4	71.2
206	23.7	19.4	29.0

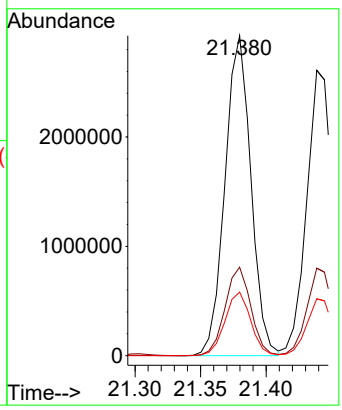




#81
Benzo(a)anthracene
Concen: 45.497 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:228 Resp: 402906

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.8	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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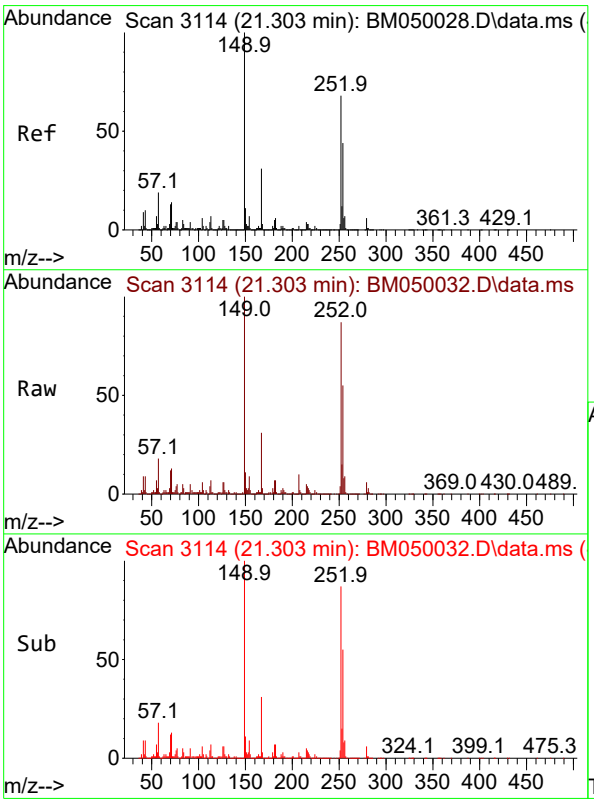
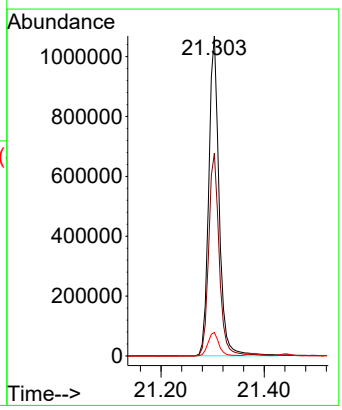
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

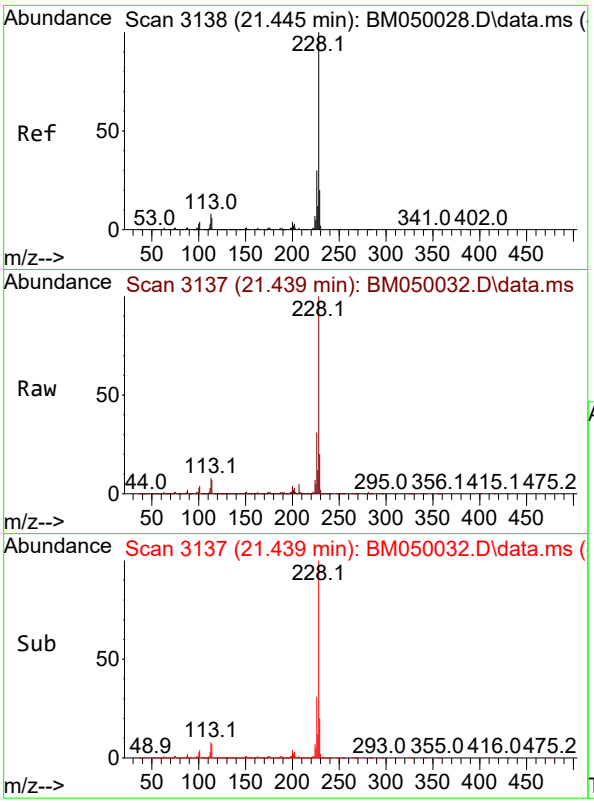


#82
3,3'-Dichlorobenzidine
Concen: 43.871 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 1487254

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.8	77.6
126	7.4	6.0	9.0

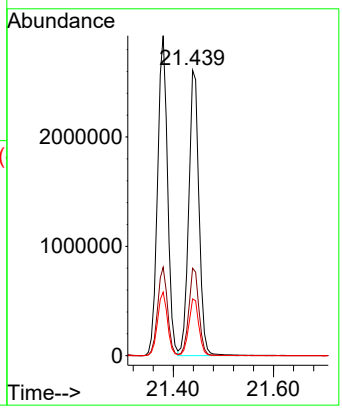




#83
Chrysene
Concen: 44.967 ng
RT: 21.439 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:228 Resp: 368560

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.9	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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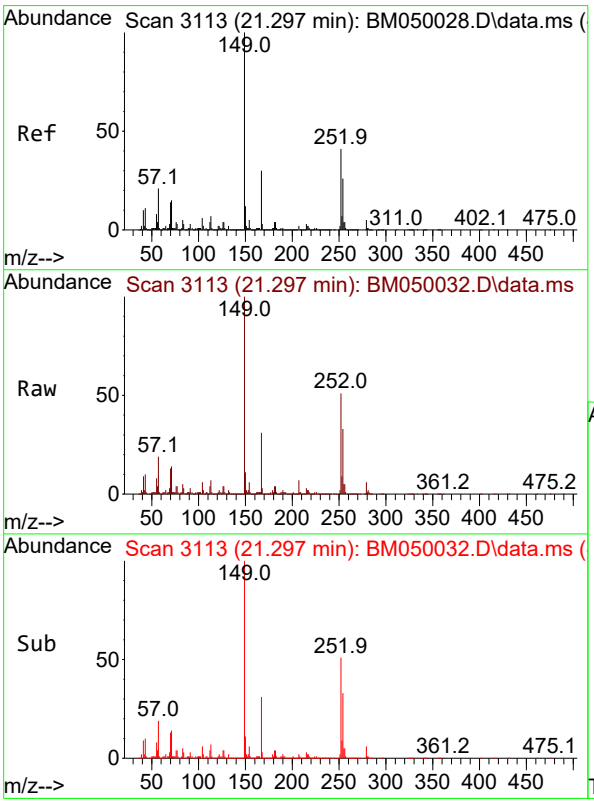
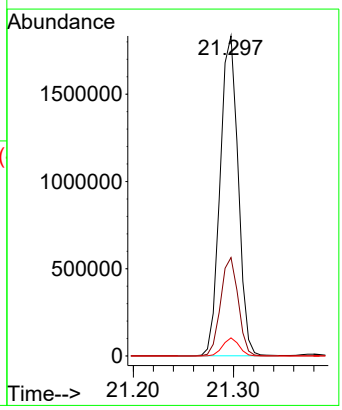
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

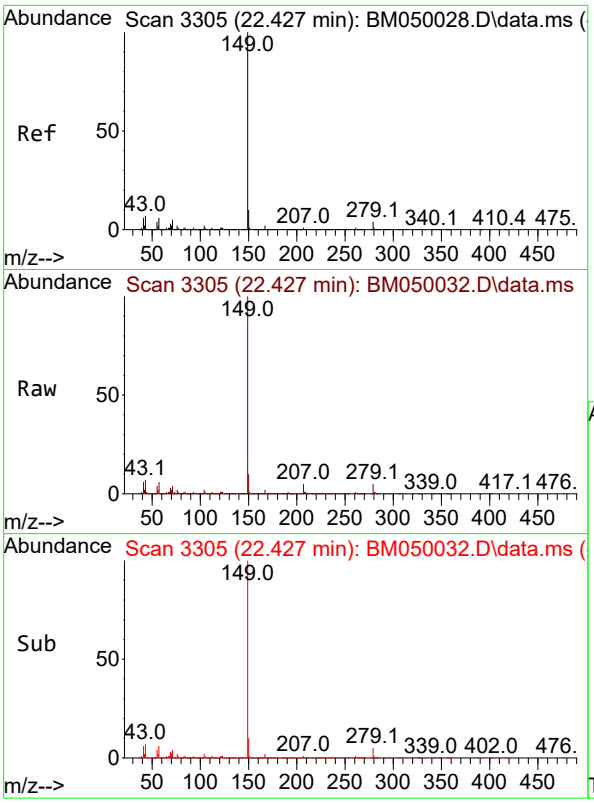


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.224 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 2284769

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.1	36.1
279	5.6	3.9	5.9

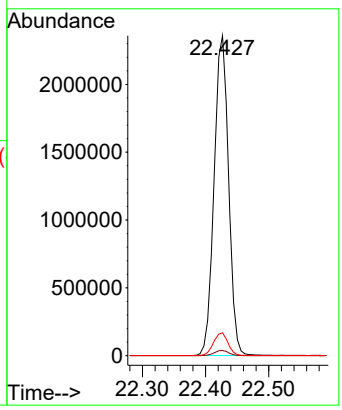




#85
Di-n-octyl phthalate
Concen: 44.974 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 374709

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
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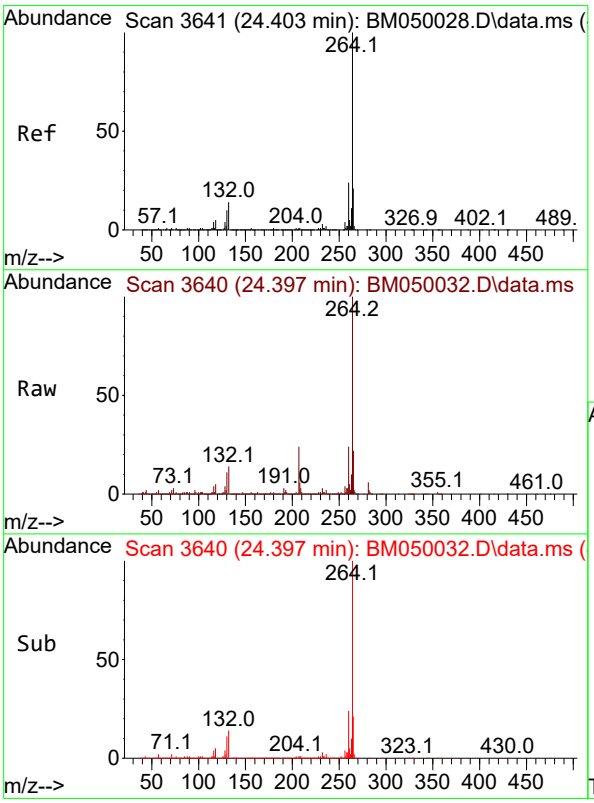
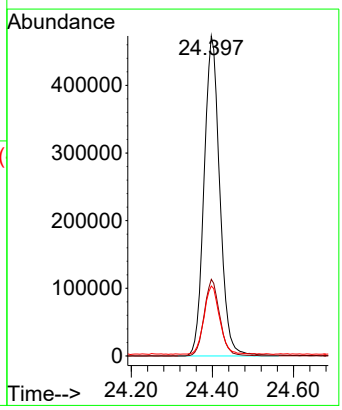
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

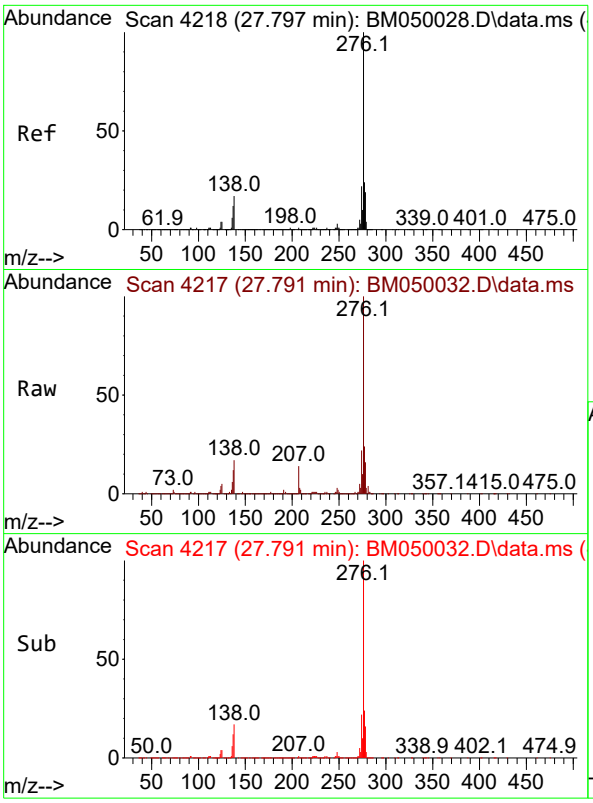


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:264 Resp: 1266367

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.9	17.0	25.4

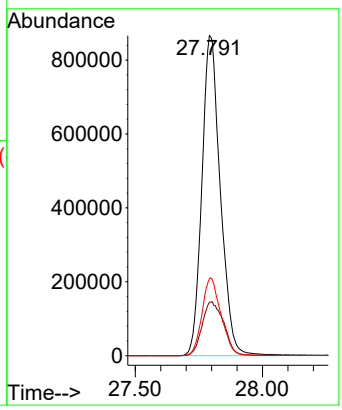




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.249 ng
RT: 27.791 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:276 Resp: 436403

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.4	24.6
277	25.0	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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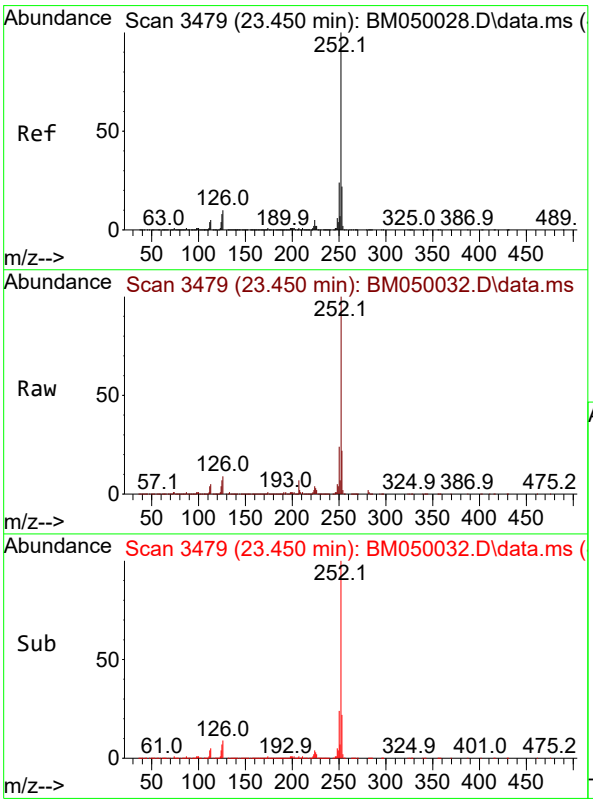
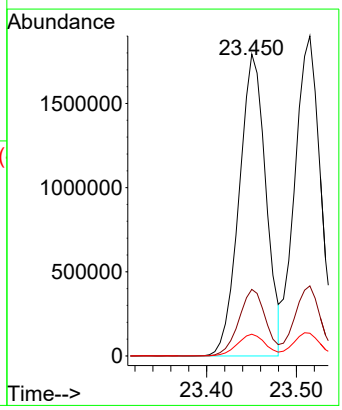
Supervised By :Jagrut Upadhyay 04/29/2025

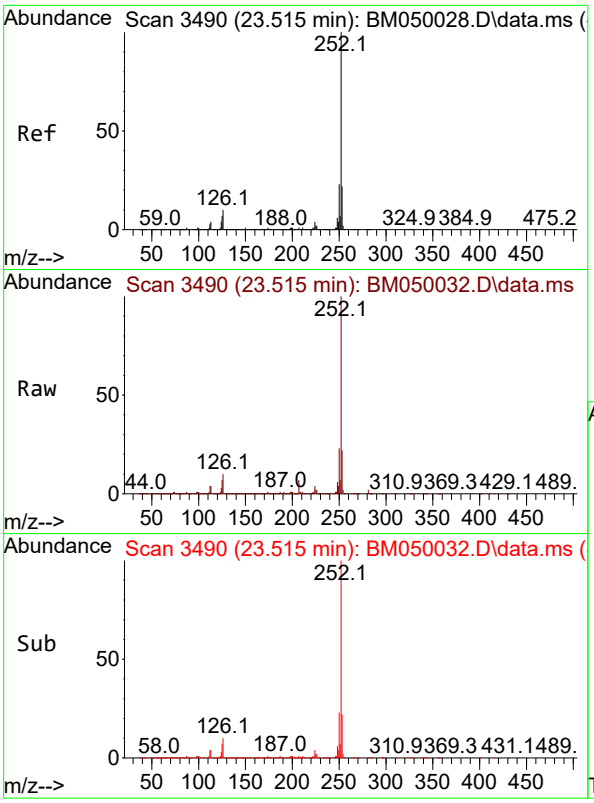


#88
Benzo(b)fluoranthene
Concen: 45.066 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 3711451

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	7.2	6.1	9.1

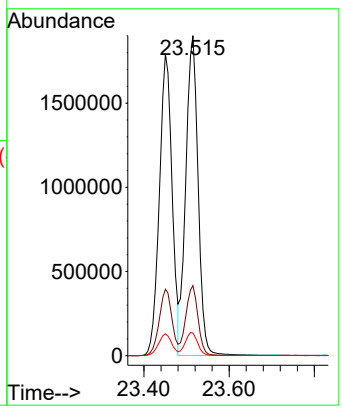




#89
Benzo(k)fluoranthene
Concen: 45.780 ng
RT: 23.515 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 381373

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	7.1	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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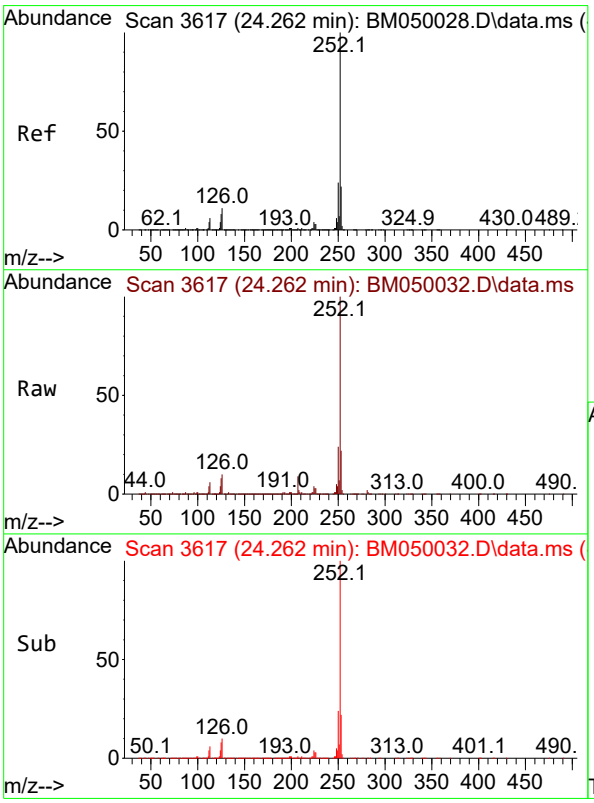
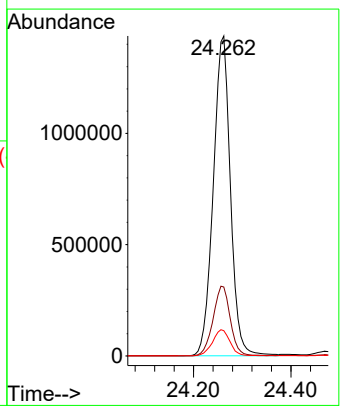
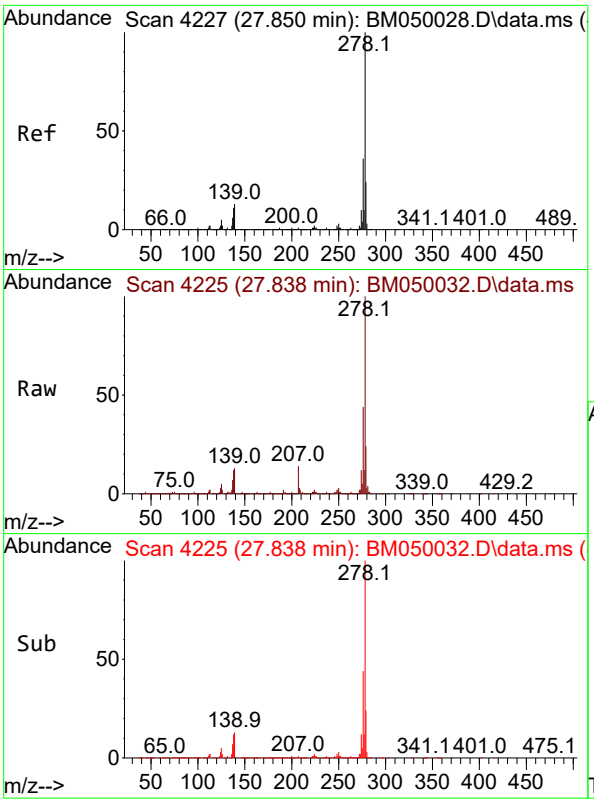


#90
Benzo(a)pyrene
Concen: 45.577 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 3515582

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	7.9	6.6	9.8

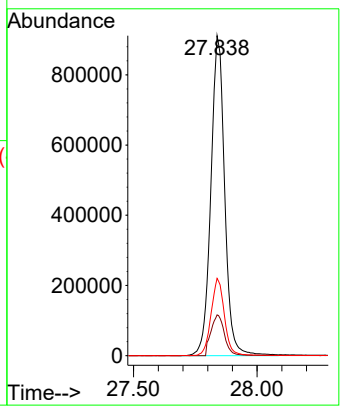




#91
Dibenzo(a,h)anthracene
Concen: 46.091 ng
RT: 27.838 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:278 Resp: 354529

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.5	15.7
279	24.1	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
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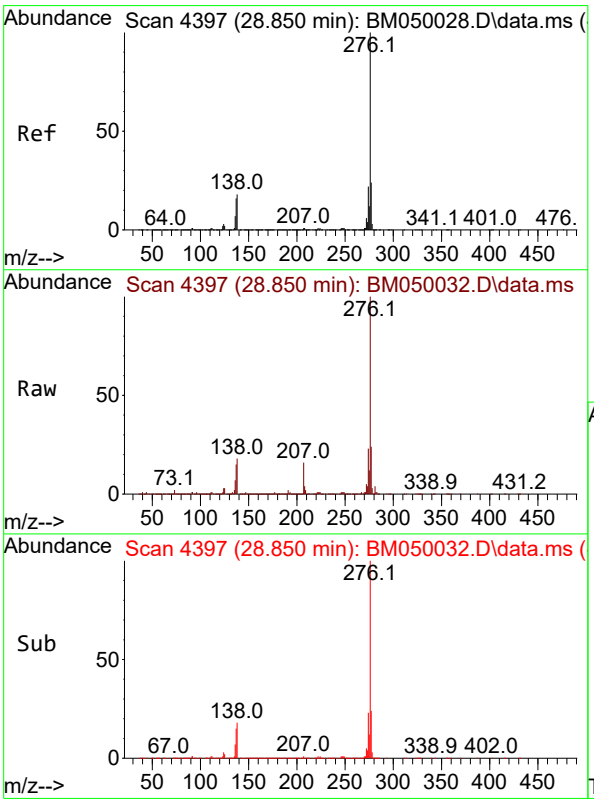
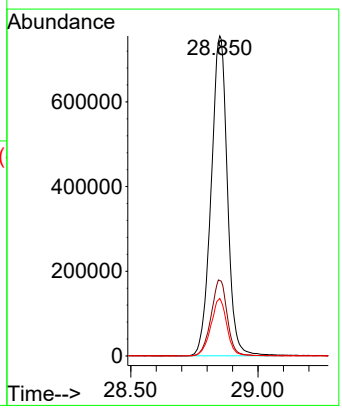
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 45.437 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:276 Resp: 3345997

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	17.9	14.3	21.5



Evaluate Continuing Calibration Report

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Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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	95	0.00
2		1,4-Dioxane	0.490	0.551	-12.4	103	0.00
3		Pyridine	1.258	1.464	-16.4	105	0.00
4		n-Nitrosodimethylamine	0.493	0.567	-15.0	104	0.00
5	S	2-Fluorophenol	1.142	1.255	-9.9	99	0.00
6		Aniline	1.813	2.118	-16.8	104	0.00
7	S	Phenol-d6	1.436	1.617	-12.6	100	0.00
8		2-Chlorophenol	1.235	1.412	-14.3	103	0.00
9		Benzaldehyde	0.961	1.055	-9.8	98	0.00
10	C	Phenol	1.453	1.704	-17.3	106	0.00
11		bis(2-Chloroethyl)ether	1.213	1.381	-13.8	103	0.00
12		1,3-Dichlorobenzene	1.492	1.666	-11.7	102	0.00
13	C	1,4-Dichlorobenzene	1.499	1.684	-12.3	103	0.00
14		1,2-Dichlorobenzene	1.448	1.635	-12.9	103	0.00
15		Benzyl Alcohol	0.996	1.199	-20.4	106	0.00
16		2,2'-oxybis(1-Chloropropane	1.475	1.657	-12.3	102	0.00
17		2-Methylphenol	0.957	1.129	-18.0	104	0.00
18		Hexachloroethane	0.533	0.596	-11.8	102	0.00
19	P	n-Nitroso-di-n-propylamine	0.921	1.102	-19.7	105	0.00
20		3+4-Methylphenols	1.293	1.551	-20.0	106	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22		Acetophenone	0.497	0.561	-12.9	104	0.00
23	S	Nitrobenzene-d5	0.406	0.395	2.7	90	0.00
24		Nitrobenzene	0.351	0.396	-12.8	104	0.00
25		Isophorone	0.692	0.789	-14.0	107	0.00
26	C	2-Nitrophenol	0.179	0.211	-17.9	106	0.00
27		2,4-Dimethylphenol	0.297	0.345	-16.2	105	0.00
28		bis(2-Chloroethoxy)methane	0.428	0.480	-12.1	104	0.00
29	C	2,4-Dichlorophenol	0.333	0.386	-15.9	105	0.00
30		1,2,4-Trichlorobenzene	0.406	0.450	-10.8	104	0.00
31		Naphthalene	1.013	1.131	-11.6	105	0.00
32		Benzoic acid	0.190	0.219	-15.3	109	0.00
33		4-Chloroaniline	0.415	0.492	-18.6	110	0.00
34	C	Hexachlorobutadiene	0.258	0.284	-10.1	103	0.00
35		Caprolactam	0.097	0.113	-16.5	107	0.00
36	C	4-Chloro-3-methylphenol	0.308	0.360	-16.9	109	0.00
37		2-Methylnaphthalene	0.679	0.770	-13.4	107	0.00
38		1-Methylnaphthalene	0.719	0.812	-12.9	106	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40		1,2,4,5-Tetrachlorobenzene	0.692	0.764	-10.4	105	0.00
41	P	Hexachlorocyclopentadiene	0.423	0.469	-10.9	106	0.00
42	S	2,4,6-Tribromophenol	0.296	0.335	-13.2	108	0.00
43	C	2,4,6-Trichlorophenol	0.439	0.506	-15.3	109	0.00
44		2,4,5-Trichlorophenol	0.474	0.548	-15.6	108	0.00
45	S	2-Fluorobiphenyl	1.691	1.612	4.7	91	0.00
46		1,1'-Biphenyl	1.487	1.643	-10.5	107	0.00
47		2-Chloronaphthalene	1.177	1.315	-11.7	108	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
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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	0.276	0.329	-19.2	112	0.00
49		Acenaphthylene	1.857	2.103	-13.2	109	0.00
50		Dimethylphthalate	1.462	1.657	-13.3	111	0.00
51		2,6-Dinitrotoluene	0.303	0.360	-18.8	113	0.00
52	C	Acenaphthene	1.075	1.215	-13.0	110	0.00
53		3-Nitroaniline	0.289	0.353	-22.1	113	0.00
54	P	2,4-Dinitrophenol	0.164	0.206	-25.6#	119	0.00
55		Dibenzofuran	1.788	2.004	-12.1	109	0.00
56	P	4-Nitrophenol	0.205	0.258	-25.9#	118	0.00
57		2,4-Dinitrotoluene	0.418	0.505	-20.8	113	0.00
58		Fluorene	1.463	1.687	-15.3	111	0.00
59		2,3,4,6-Tetrachlorophenol	0.410	0.481	-17.3	113	0.00
60		Diethylphthalate	1.377	1.560	-13.3	111	0.00
61		4-Chlorophenyl-phenylether	0.804	0.923	-14.8	110	0.00
62		4-Nitroaniline	0.279	0.353	-26.5#	115	0.00
63		Azobenzene	1.154	1.320	-14.4	111	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.147	-17.6	117	0.00
66	c	n-Nitrosodiphenylamine	0.614	0.683	-11.2	112	0.00
67		4-Bromophenyl-phenylether	0.242	0.266	-9.9	111	0.00
68		Hexachlorobenzene	0.279	0.308	-10.4	113	0.00
69		Atrazine	0.222	0.246	-10.8	112	0.00
70	C	Pentachlorophenol	0.157	0.181	-15.3	117	0.00
71		Phenanthrene	1.128	1.266	-12.2	115	0.00
72		Anthracene	1.142	1.295	-13.4	115	0.00
73		Carbazole	0.991	1.139	-14.9	116	0.00
74		Di-n-butylphthalate	1.180	1.346	-14.1	116	0.00
75	C	Fluoranthene	1.324	1.556	-17.5	119	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77		Benzidine	0.710	0.785	-10.6	117	0.00
78		Pyrene	1.404	1.552	-10.5	118	0.00
79	S	Terphenyl-d14	1.352	1.334	1.3	101	0.00
80		Butylbenzylphthalate	0.526	0.588	-11.8	121	0.00
81		Benzo(a)anthracene	1.377	1.567	-13.8	122	0.00
82		3,3'-Dichlorobenzidine	0.527	0.578	-9.7	115	0.00
83		Chrysene	1.275	1.433	-12.4	123	0.00
84		Bis(2-ethylhexyl)phthalate	0.786	0.888	-13.0	122	0.00
85	c	Di-n-octyl phthalate	1.296	1.457	-12.4	123	0.00
86	I	Perylene-d12	1.000	1.000	0.0	118	0.00
87		Indeno(1,2,3-cd)pyrene	1.490	1.723	-15.6	127	0.00
88		Benzo(b)fluoranthene	1.301	1.465	-12.6	123	0.00
89		Benzo(k)fluoranthene	1.316	1.506	-14.4	128	0.00
90	C	Benzo(a)pyrene	1.218	1.388	-14.0	127	0.00
91		Dibenzo(a,h)anthracene	1.215	1.400	-15.2	127	-0.01
92		Benzo(g,h,i)perylene	1.163	1.321	-13.6	126	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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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\BM042825\
Data File : BM050032.D
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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	95	0.00
2		1,4-Dioxane	40.000	44.976	-12.4	103	0.00
3		Pyridine	40.000	46.534	-16.3	105	0.00
4		n-Nitrosodimethylamine	40.000	45.956	-14.9	104	0.00
5	S	2-Fluorophenol	80.000	87.928	-9.9	99	0.00
6		Aniline	40.000	46.744	-16.9	104	0.00
7	S	Phenol-d6	80.000	90.140	-12.7	100	0.00
8		2-Chlorophenol	40.000	45.724	-14.3	103	0.00
9		Benzaldehyde	40.000	43.937	-9.8	98	0.00
10	C	Phenol	40.000	46.913	-17.3	106	0.00
11		bis(2-Chloroethyl)ether	40.000	45.521	-13.8	103	0.00
12		1,3-Dichlorobenzene	40.000	44.672	-11.7	102	0.00
13	C	1,4-Dichlorobenzene	40.000	44.941	-12.4	103	0.00
14		1,2-Dichlorobenzene	40.000	45.174	-12.9	103	0.00
15		Benzyl Alcohol	40.000	48.167	-20.4	106	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	44.929	-12.3	102	0.00
17		2-Methylphenol	40.000	47.153	-17.9	104	0.00
18		Hexachloroethane	40.000	44.738	-11.8	102	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	47.892	-19.7	105	0.00
20		3+4-Methylphenols	40.000	47.974	-19.9	106	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22		Acetophenone	40.000	45.153	-12.9	104	0.00
23	S	Nitrobenzene-d5	80.000	77.798	2.8	90	0.00
24		Nitrobenzene	40.000	45.104	-12.8	104	0.00
25		Isophorone	40.000	45.596	-14.0	107	0.00
26	C	2-Nitrophenol	40.000	47.087	-17.7	106	0.00
27		2,4-Dimethylphenol	40.000	46.404	-16.0	105	0.00
28		bis(2-Chloroethoxy)methane	40.000	44.920	-12.3	104	0.00
29	C	2,4-Dichlorophenol	40.000	46.375	-15.9	105	0.00
30		1,2,4-Trichlorobenzene	40.000	44.348	-10.9	104	0.00
31		Naphthalene	40.000	44.651	-11.6	105	0.00
32		Benzoic acid	40.000	46.063	-15.2	109	0.00
33		4-Chloroaniline	40.000	47.375	-18.4	110	0.00
34	C	Hexachlorobutadiene	40.000	44.034	-10.1	103	0.00
35		Caprolactam	40.000	46.481	-16.2	107	0.00
36	C	4-Chloro-3-methylphenol	40.000	46.825	-17.1	109	0.00
37		2-Methylnaphthalene	40.000	45.374	-13.4	107	0.00
38		1-Methylnaphthalene	40.000	45.198	-13.0	106	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	44.140	-10.4	105	0.00
41	P	Hexachlorocyclopentadiene	40.000	44.374	-10.9	106	0.00
42	S	2,4,6-Tribromophenol	80.000	90.503	-13.1	108	0.00
43	C	2,4,6-Trichlorophenol	40.000	46.094	-15.2	109	0.00
44		2,4,5-Trichlorophenol	40.000	46.271	-15.7	108	0.00
45	S	2-Fluorobiphenyl	80.000	76.259	4.7	91	0.00
46		1,1'-Biphenyl	40.000	44.207	-10.5	107	0.00
47		2-Chloronaphthalene	40.000	44.684	-11.7	108	0.00

ICAL Form

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Data File : BM050032.D
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Sample : SSTDICV040
Misc :
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BNA_M
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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	47.621	-19.1	112	0.00
49		Acenaphthylene	40.000	45.315	-13.3	109	0.00
50		Dimethylphthalate	40.000	45.338	-13.3	111	0.00
51		2,6-Dinitrotoluene	40.000	47.554	-18.9	113	0.00
52	C	Acenaphthene	40.000	45.210	-13.0	110	0.00
53		3-Nitroaniline	40.000	48.843	-22.1	113	0.00
54	P	2,4-Dinitrophenol	40.000	45.189	-13.0	119	0.00
55		Dibenzofuran	40.000	44.828	-12.1	109	0.00
56	P	4-Nitrophenol	40.000	46.012	-15.0	118	0.00
57		2,4-Dinitrotoluene	40.000	48.311	-20.8	113	0.00
58		Fluorene	40.000	46.115	-15.3	111	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	46.970	-17.4	113	0.00
60		Diethylphthalate	40.000	45.299	-13.2	111	0.00
61		4-Chlorophenyl-phenylether	40.000	45.950	-14.9	110	0.00
62		4-Nitroaniline	40.000	50.610	-26.5#	115	0.00
63		Azobenzene	40.000	45.747	-14.4	111	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	40.000	46.920	-17.3	117	0.00
66	c	n-Nitrosodiphenylamine	40.000	44.485	-11.2	112	0.00
67		4-Bromophenyl-phenylether	40.000	43.944	-9.9	111	0.00
68		Hexachlorobenzene	40.000	44.174	-10.4	113	0.00
69		Atrazine	40.000	44.483	-11.2	112	0.00
70	C	Pentachlorophenol	40.000	46.059	-15.1	117	0.00
71		Phenanthrene	40.000	44.895	-12.2	115	0.00
72		Anthracene	40.000	45.381	-13.5	115	0.00
73		Carbazole	40.000	46.001	-15.0	116	0.00
74		Di-n-butylphthalate	40.000	45.654	-14.1	116	0.00
75	C	Fluoranthene	40.000	46.998	-17.5	119	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77		Benzidine	40.000	44.204	-10.5	117	0.00
78		Pyrene	40.000	44.209	-10.5	118	0.00
79	S	Terphenyl-d14	80.000	78.970	1.3	101	0.00
80		Butylbenzylphthalate	40.000	44.718	-11.8	121	0.00
81		Benzo(a)anthracene	40.000	45.497	-13.7	122	0.00
82		3,3'-Dichlorobenzidine	40.000	43.871	-9.7	115	0.00
83		Chrysene	40.000	44.967	-12.4	123	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	45.224	-13.1	122	0.00
85	c	Di-n-octyl phthalate	40.000	44.974	-12.4	123	0.00
86	I	Perylene-d12	20.000	20.000	0.0	118	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	46.249	-15.6	127	0.00
88		Benzo(b)fluoranthene	40.000	45.066	-12.7	123	0.00
89		Benzo(k)fluoranthene	40.000	45.780	-14.5	128	0.00
90	C	Benzo(a)pyrene	40.000	45.577	-13.9	127	0.00
91		Dibenzo(a,h)anthracene	40.000	46.091	-15.2	127	-0.01
92		Benzo(g,h,i)perylene	40.000	45.437	-13.6	126	0.00

ICAL Form

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Instrument :
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Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: BNA_P Calibration Date(s): 04/14/2025 04/14/2025

Calibration Time(s): 11:06 17:13

LAB FILE ID: RRF2.5 = BP024275.D RRF005 = BP024276.D RRF010 = BP024277.D
RRF020 = BP024278.D RRF040 = BP024279.D RRF050 = BP024280.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.123	1.145	1.262	1.254	1.210	1.210	4.9
Benzaldehyde		0.943	0.934	0.942	0.836	0.732	0.819	15.7
Phenol-d6		1.463	1.552	1.718	1.748	1.697	1.656	6.7
Phenol		1.475	1.565	1.720	1.750	1.698	1.661	6.5
bis(2-Chloroethyl)ether		1.278	1.317	1.399	1.398	1.321	1.339	3.6
2-Chlorophenol		1.260	1.297	1.412	1.399	1.359	1.350	4.3
2-Methylphenol		0.915	1.002	1.123	1.140	1.105	1.075	8.0
2,2-oxybis(1-Chloropropane)		1.452	1.496	1.517	1.514	1.405	1.447	4.5
Acetophenone		0.470	0.487	0.522	0.519	0.490	0.495	3.8
3+4-Methylphenols		1.224	1.365	1.560	1.592	1.567	1.491	9.6
n-Nitroso-di-n-propylamine	0.941	1.008	1.008	1.088	1.084	1.041	1.025	4.8
Nitrobenzene-d5		0.322	0.337	0.367	0.368	0.357	0.351	4.8
Hexachloroethane		0.532	0.537	0.558	0.542	0.521	0.533	2.9
Nitrobenzene		0.328	0.334	0.362	0.364	0.349	0.347	4.0
Isophorone		0.575	0.601	0.653	0.673	0.650	0.635	5.4
2-Nitrophenol		0.130	0.143	0.172	0.183	0.184	0.170	14.0
2,4-Dimethylphenol		0.180	0.194	0.219	0.226	0.225	0.213	8.8
bis(2-Chloroethoxy)methane		0.412	0.426	0.444	0.452	0.430	0.429	3.5
2,4-Dichlorophenol		0.242	0.268	0.297	0.308	0.307	0.291	8.9
Naphthalene		1.044	1.054	1.091	1.079	1.037	1.054	2.3
4-Chloroaniline		0.328	0.349	0.389	0.397	0.378	0.371	6.5
Hexachlorobutadiene		0.181	0.181	0.186	0.189	0.181	0.183	1.6
Caprolactam		0.085	0.092	0.111	0.112	0.115	0.107	12.5
4-Chloro-3-methylphenol		0.284	0.310	0.349	0.357	0.356	0.339	8.8
2-Methylnaphthalene		0.700	0.720	0.755	0.755	0.733	0.731	2.9
Hexachlorocyclopentadiene		0.162	0.185	0.197	0.218	0.199	0.195	8.9
2,4,6-Trichlorophenol		0.301	0.335	0.369	0.389	0.386	0.366	9.5
2-Fluorobiphenyl		1.332	1.334	1.359	1.366	1.263	1.306	4.1
2,4,5-Trichlorophenol		0.332	0.371	0.409	0.427	0.429	0.405	9.6
1,1-Biphenyl		1.454	1.489	1.528	1.529	1.434	1.470	3.1
2-Chloronaphthalene		1.063	1.100	1.135	1.139	1.085	1.099	2.6
2-Nitroaniline		0.250	0.270	0.317	0.330	0.324	0.308	11.0
Dimethylphthalate		1.429	1.416	1.495	1.495	1.460	1.454	2.2
Acenaphthylene		1.604	1.680	1.793	1.814	1.726	1.730	4.1

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: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: BNA_P Calibration Date(s): 04/14/2025 04/14/2025

Calibration Time(s): 11:06 17:13

LAB FILE ID: RRF2.5 = BP024275.D RRF005 = BP024276.D RRF010 = BP024277.D
RRF020 = BP024278.D RRF040 = BP024279.D RRF050 = BP024280.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.264	0.290	0.319	0.325	0.319	0.309	7.6
3-Nitroaniline		0.250	0.289	0.338	0.354	0.342	0.325	12.2
Acenaphthene		1.087	1.087	1.141	1.126	1.081	1.097	2.4
2,4-Dinitrophenol			0.125	0.163	0.186	0.196	0.182	18.2
4-Nitrophenol		0.190	0.231	0.289	0.305	0.306	0.280	17.9
Dibenzofuran		1.801	1.807	1.871	1.833	1.746	1.793	2.8
2,4-Dinitrotoluene		0.334	0.368	0.439	0.448	0.442	0.421	11.8
Diethylphthalate		1.451	1.484	1.528	1.550	1.499	1.499	2.2
4-Chlorophenyl-phenylether		0.667	0.675	0.699	0.680	0.667	0.674	2.0
Fluorene		1.376	1.397	1.454	1.398	1.368	1.388	2.4
4-Nitroaniline		0.263	0.300	0.353	0.369	0.364	0.344	13.0
4,6-Dinitro-2-methylphenol			0.095	0.118	0.131	0.134	0.126	13.5
n-Nitrosodiphenylamine		0.567	0.585	0.616	0.630	0.591	0.597	3.7
2,4,6-Tribromophenol		0.235	0.256	0.278	0.289	0.289	0.277	8.3
4-Bromophenyl-phenylether		0.203	0.212	0.220	0.230	0.220	0.219	4.1
Hexachlorobenzene		0.247	0.247	0.260	0.271	0.261	0.260	3.7
Atrazine		0.176	0.167	0.134	0.121	0.162	0.152	15.6
Pentachlorophenol		0.143	0.155	0.175	0.196	0.197	0.181	13.3
Phenanthrene		1.098	1.086	1.117	1.127	1.070	1.091	2.3
Anthracene		0.995	1.017	1.084	1.111	1.053	1.052	3.9
Carbazole		0.968	0.998	1.060	1.084	1.014	1.027	3.8
Di-n-butylphthalate		1.147	1.230	1.253	1.398	1.310	1.280	6.3
Fluoranthene		1.289	1.274	1.316	1.347	1.280	1.298	2.1
Pyrene		1.192	1.236	1.345	1.305	1.294	1.271	4.4
Terphenyl-d14		0.967	0.998	1.055	1.032	1.005	0.992	4.4
Butylbenzylphthalate		0.434	0.488	0.546	0.596	0.580	0.544	11.2
3,3-Dichlorobenzidine		0.345	0.383	0.431	0.486	0.463	0.436	12.3
Benzo(a)anthracene		1.195	1.214	1.292	1.293	1.234	1.243	3.1
Chrysene		1.180	1.181	1.229	1.213	1.173	1.191	1.9
Bis(2-ethylhexyl)phthalate		0.639	0.735	0.779	0.893	0.853	0.798	11.1
Di-n-octyl phthalate		0.945	1.093	1.222	1.461	1.430	1.297	16.5
Benzo(b)fluoranthene		1.130	1.174	1.217	1.258	1.196	1.199	3.3
Benzo(k)fluoranthene		1.088	1.131	1.217	1.212	1.154	1.158	3.9
Benzo(a)pyrene		0.939	0.971	1.057	1.091	1.053	1.034	5.4
Indeno(1,2,3-cd)pyrene		1.252	1.304	1.407	1.444	1.401	1.388	5.8

All other compounds must meet a minimum RRF of 0.010.

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: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: BNA_P Calibration Date(s): 04/14/2025 04/14/2025

Calibration Time(s): 11:06 17:13

LAB FILE ID: RRF2.5 = BP024275.D RRF005 = BP024276.D RRF010 = BP024277.D
RRF020 = BP024278.D RRF040 = BP024279.D RRF050 = BP024280.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.046	1.089	1.172	1.203	1.169	1.152	5.3
Benzo(g,h,i)perylene		1.073	1.110	1.198	1.218	1.180	1.173	5.0
1,2,4,5-Tetrachlorobenzene		0.522	0.538	0.568	0.576	0.544	0.550	3.3
1,4-Dioxane		0.551	0.517	0.552	0.512	0.481	0.512	6.1
2,3,4,6-Tetrachlorophenol		0.327	0.351	0.380	0.389	0.387	0.373	6.6

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 15 04:48:42 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024275.D 5 =BP024276.D 10 =BP024277.D 20 =BP024278.D 40 =BP024279.D 50 =BP024280.D 60 =BP024281.D 80 =BP0242
82.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.551	0.517	0.552	0.512	0.481	0.490	0.477	0.512	6.10
3)		Pyridine		1.265	1.280	1.422	1.396	1.333	1.383	1.378	1.351	4.43
4)		n-Nitrosodimet...		0.424	0.443	0.469	0.457	0.442	0.460	0.444	0.448	3.29
5)	S	2-Fluorophenol		1.123	1.145	1.262	1.254	1.210	1.277	1.196	1.210	4.93
6)		Aniline		1.439	1.487	1.636	1.587	1.403	1.428	1.380	1.480	6.52
7)	S	Phenol-d6		1.463	1.552	1.718	1.748	1.697	1.769	1.647	1.656	6.75
8)		2-Chlorophenol		1.260	1.297	1.412	1.399	1.359	1.400	1.328	1.350	4.30
9)		Benzaldehyde		0.943	0.934	0.942	0.836	0.732	0.726	0.621	0.819	15.70
10)	C	Phenol		1.475	1.565	1.720	1.750	1.698	1.779	1.643	1.661	6.54
11)		bis(2-Chloroet...		1.278	1.317	1.399	1.398	1.321	1.358	1.300	1.339	3.56
12)		1,3-Dichlorobe...		1.464	1.486	1.534	1.486	1.402	1.433	1.373	1.454	3.79
13)	C	1,4-Dichlorobe...		1.496	1.489	1.550	1.494	1.436	1.463	1.399	1.475	3.28
14)		1,2-Dichlorobe...		1.472	1.441	1.502	1.445	1.362	1.411	1.339	1.424	4.10
15)		Benzyl Alcohol		0.857	0.935	1.106	1.158	1.142	1.178	1.122	1.071	11.58
16)		2,2'-oxybis(1-...		1.452	1.496	1.517	1.514	1.405	1.397	1.348	1.447	4.54
17)		2-Methylphenol		0.915	1.002	1.123	1.140	1.105	1.150	1.087	1.075	7.97
18)		Hexachloroethane		0.532	0.537	0.558	0.542	0.521	0.533	0.510	0.533	2.88
19)	P	n-Nitroso-di-n...	0.941	1.008	1.008	1.088	1.084	1.041	1.038	0.989	1.025	4.76
20)		3+4-Methylphenols		1.224	1.365	1.560	1.592	1.567	1.607	1.525	1.491	9.57
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.470	0.487	0.522	0.519	0.490	0.495	0.483	0.495	3.85
23)	S	Nitrobenzene-d5		0.322	0.337	0.367	0.368	0.357	0.356	0.347	0.351	4.76
24)		Nitrobenzene		0.328	0.334	0.362	0.364	0.349	0.353	0.340	0.347	3.96
25)		Isophorone		0.575	0.601	0.653	0.673	0.650	0.654	0.639	0.635	5.41
26)	C	2-Nitrophenol		0.130	0.143	0.172	0.183	0.184	0.191	0.186	0.170	13.97
27)		2,4-Dimethylph...		0.180	0.194	0.219	0.226	0.225	0.228	0.221	0.213	8.81
28)		bis(2-Chloroet...		0.412	0.426	0.444	0.452	0.430	0.425	0.412	0.429	3.51
29)	C	2,4-Dichloroph...		0.242	0.268	0.297	0.308	0.307	0.311	0.302	0.291	8.94
30)		1,2,4-Trichlor...		0.308	0.305	0.318	0.321	0.309	0.315	0.306	0.311	2.00
31)		Naphthalene		1.044	1.054	1.091	1.079	1.037	1.048	1.023	1.054	2.27
32)		Benzoic acid			0.185	0.226	0.242	0.270	0.285	0.282	0.248	15.56
33)		4-Chloroaniline		0.328	0.349	0.389	0.397	0.378	0.379	0.378	0.371	6.46
34)	C	Hexachlorobuta...		0.181	0.181	0.186	0.189	0.181	0.182	0.182	0.183	1.62
35)		Caprolactam		0.085	0.092	0.111	0.112	0.115	0.121	0.115	0.107	12.53
36)	C	4-Chloro-3-met...		0.284	0.310	0.349	0.357	0.356	0.363	0.351	0.339	8.82
37)		2-Methylnaphth...		0.700	0.720	0.755	0.755	0.733	0.740	0.712	0.731	2.89
38)		1-Methylnaphth...		0.700	0.714	0.737	0.731	0.712	0.718	0.691	0.715	2.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.522	0.538	0.568	0.576	0.544	0.549	0.552	0.550	3.33
41)	P	Hexachlorocycl...	0.162	0.185	0.197	0.218	0.199	0.197	0.204	0.195	8.92
42)	S	2,4,6-Tribromo...	0.235	0.256	0.278	0.289	0.289	0.296	0.294	0.277	8.29
43)	C	2,4,6-Trichlor...	0.301	0.335	0.369	0.389	0.386	0.390	0.390	0.366	9.51
44)		2,4,5-Trichlor...	0.332	0.371	0.409	0.427	0.429	0.436	0.430	0.405	9.62
45)	S	2-Fluorobiphenyl	1.332	1.334	1.359	1.366	1.263	1.251	1.240	1.306	4.08
46)		1,1'-Biphenyl	1.454	1.489	1.528	1.529	1.434	1.428	1.429	1.470	3.07
47)		2-Chloronaphth...	1.063	1.100	1.135	1.139	1.085	1.090	1.078	1.099	2.60
48)		2-Nitroaniline	0.250	0.270	0.317	0.330	0.324	0.335	0.331	0.308	10.98
49)		Acenaphthylene	1.604	1.680	1.793	1.814	1.726	1.763	1.730	1.730	4.11
50)		Dimethylphthalate	1.429	1.416	1.495	1.495	1.460	1.460	1.426	1.454	2.22
51)		2,6-Dinitrotol...	0.264	0.290	0.319	0.325	0.319	0.328	0.317	0.309	7.58
52)	C	Acenaphthene	1.087	1.087	1.141	1.126	1.081	1.079	1.076	1.097	2.35
53)		3-Nitroaniline	0.250	0.289	0.338	0.354	0.342	0.340	0.358	0.325	12.25
54)	P	2,4-Dinitrophenol		0.125	0.163	0.186	0.196	0.210	0.211	0.182	18.22
55)		Dibenzofuran	1.801	1.807	1.871	1.833	1.746	1.768	1.723	1.793	2.84
56)	P	4-Nitrophenol	0.190	0.231	0.289	0.305	0.306	0.323	0.317	0.280	17.90
57)		2,4-Dinitrotol...	0.334	0.368	0.439	0.448	0.442	0.463	0.456	0.421	11.82
58)		Fluorene	1.376	1.397	1.454	1.398	1.368	1.366	1.356	1.388	2.40
59)		2,3,4,6-Tetrac...	0.327	0.351	0.380	0.389	0.387	0.390	0.389	0.373	6.57
60)		Diethylphthalate	1.451	1.484	1.528	1.550	1.499	1.499	1.481	1.499	2.16
61)		4-Chlorophenyl...	0.667	0.675	0.699	0.680	0.667	0.670	0.659	0.674	1.95
62)		4-Nitroaniline	0.263	0.300	0.353	0.369	0.364	0.380	0.376	0.344	12.99
63)		Azobenzene	1.269	1.383	1.446	1.431	1.385	1.385	1.344	1.378	4.26
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.095	0.118	0.131	0.134	0.140	0.138	0.126	13.50
66)	c	n-Nitrosodiphe...	0.567	0.585	0.616	0.630	0.591	0.608	0.580	0.597	3.71
67)		4-Bromophenyl-...	0.203	0.212	0.220	0.230	0.220	0.225	0.222	0.219	4.11
68)		Hexachlorobenzene	0.247	0.247	0.260	0.271	0.261	0.269	0.263	0.260	3.67
69)		Atrazine	0.176	0.167	0.134	0.121	0.162			0.152	15.57
70)	C	Pentachlorophenol	0.143	0.155	0.175	0.196	0.197	0.203	0.201	0.181	13.35
71)		Phenanthrene	1.098	1.086	1.117	1.127	1.070	1.082	1.058	1.091	2.27
72)		Anthracene	0.995	1.017	1.084	1.111	1.053	1.071	1.030	1.052	3.85
73)		Carbazole	0.968	0.998	1.060	1.084	1.014	1.037	1.031	1.027	3.78
74)		Di-n-butylphth...	1.147	1.230	1.253	1.398	1.310	1.338	1.284	1.280	6.30
75)	C	Fluoranthene	1.289	1.274	1.316	1.347	1.280	1.304	1.274	1.298	2.07
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.144	0.141	0.109	0.436	0.333	0.302	0.307	0.254	48.39
78)		Pyrene	1.192	1.236	1.345	1.305	1.294	1.305	1.219	1.271	4.38
79)	S	Terphenyl-d14	0.967	0.998	1.055	1.032	1.005	0.964	0.926	0.992	4.42
80)		Butylbenzylpht...	0.434	0.488	0.546	0.596	0.580	0.593	0.574	0.544	11.25
81)		Benzo(a)anthra...	1.195	1.214	1.292	1.293	1.234	1.253	1.221	1.243	3.08
82)		3,3'-Dichlorob...	0.345	0.383	0.431	0.486	0.463	0.485	0.460	0.436	12.30
83)		Chrysene	1.180	1.181	1.229	1.213	1.173	1.193	1.167	1.191	1.88
84)		Bis(2-ethylhex...	0.639	0.735	0.779	0.893	0.853	0.867	0.819	0.798	11.09
85)	c	Di-n-octyl pht...	0.945	1.093	1.222	1.461	1.430	1.486	1.446	1.297	16.46

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.252	1.304	1.407	1.444	1.401	1.445	1.466	1.388	5.77
88)		Benzo(b)fluora...	1.130	1.174	1.217	1.258	1.196	1.205	1.212	1.199	3.30
89)		Benzo(k)fluora...	1.088	1.131	1.217	1.212	1.154	1.166	1.138	1.158	3.94
90)	C	Benzo(a)pyrene	0.939	0.971	1.057	1.091	1.053	1.070	1.058	1.034	5.44
91)		Dibenzo(a,h)an...	1.046	1.089	1.172	1.203	1.169	1.186	1.202	1.152	5.28
92)		Benzo(g,h,i)pe...	1.073	1.110	1.198	1.218	1.180	1.209	1.224	1.173	4.99

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024275.D
Acq On : 14 Apr 2025 11:06
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 14 17:26:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	229109	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	962244	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	614109	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1238206	20.000	ng	0.02
76) Chrysene-d12	21.616	240	1367665	20.000	ng	0.00
86) Perylene-d12	24.980	264	1473609	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...	8.528	70	26959	2.285	ng	96

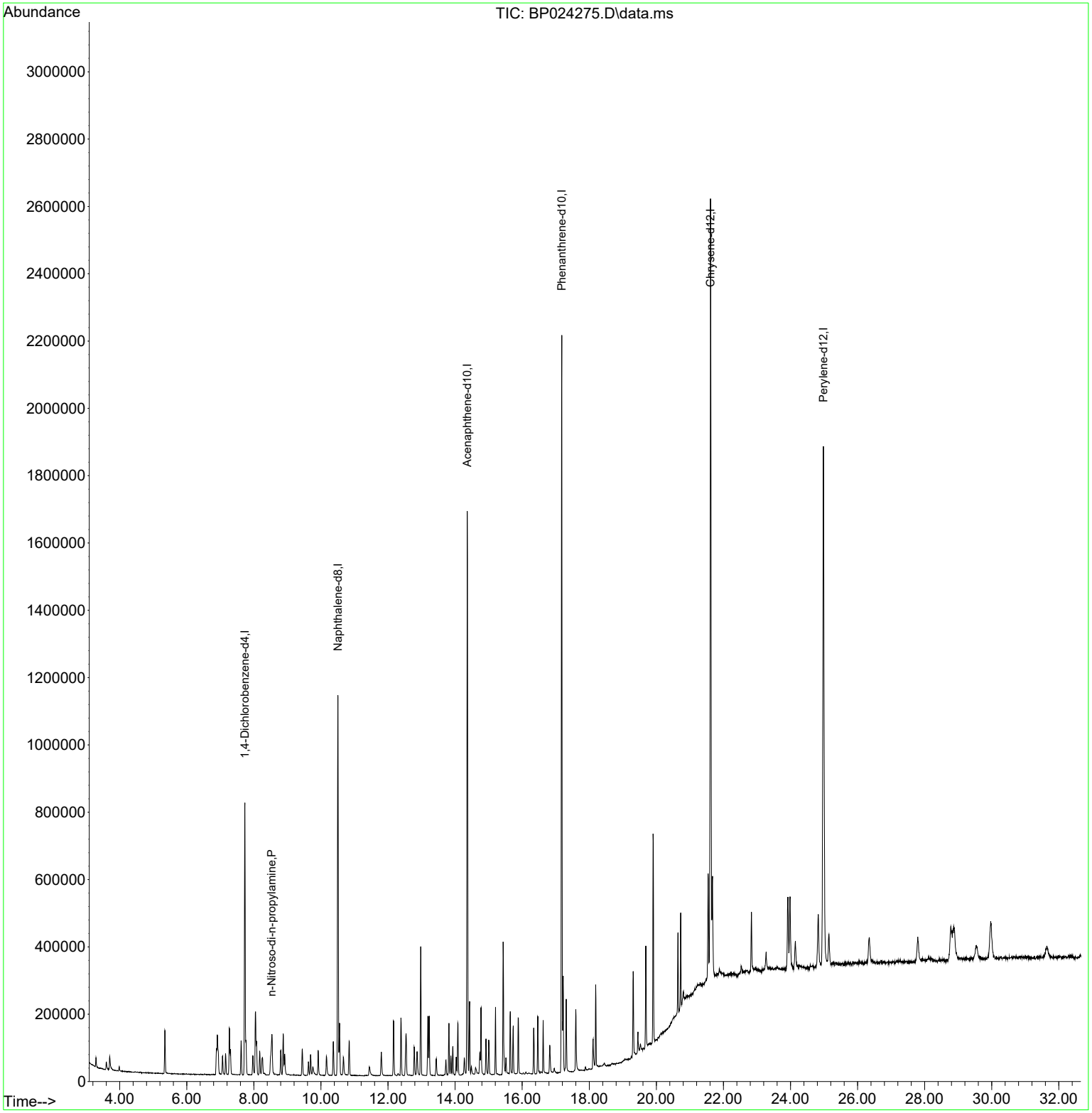
(#) = qualifier out of range (m) = manual integration (+) = signals summed

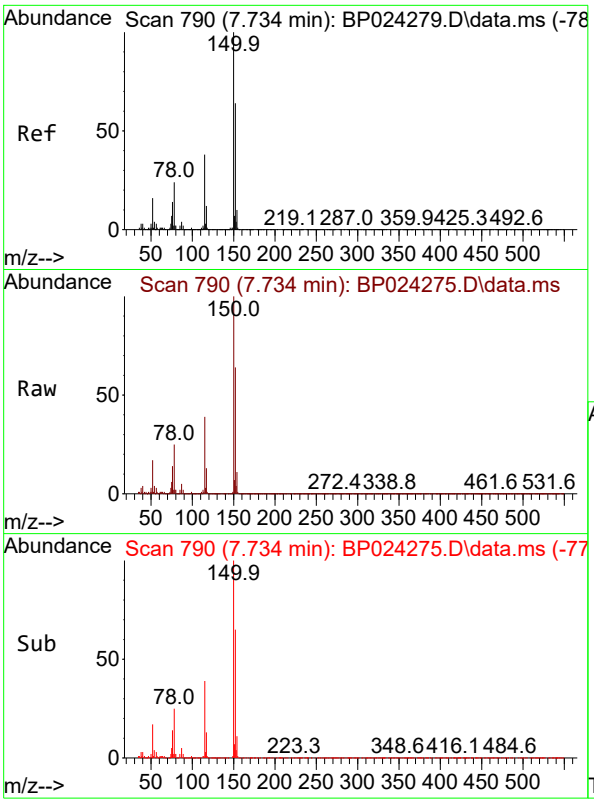
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024275.D
Acq On : 14 Apr 2025 11:06
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 14 17:26:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



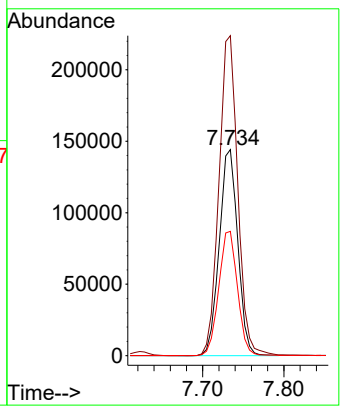


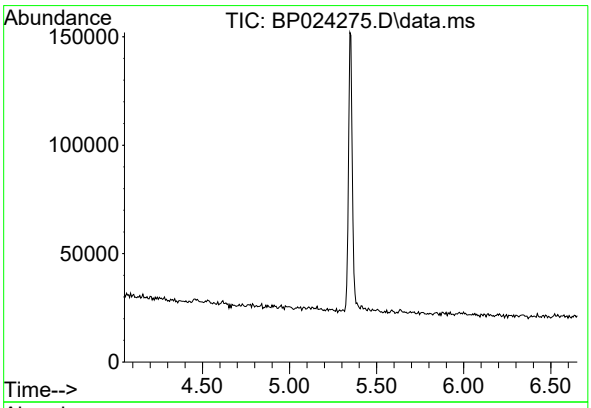
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 229109

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.9	187.3
115	60.4	47.7	71.5



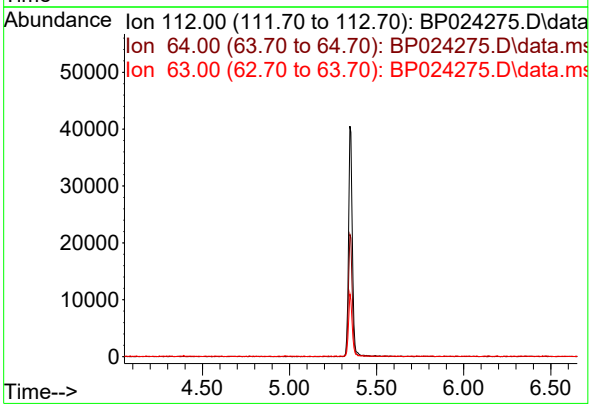


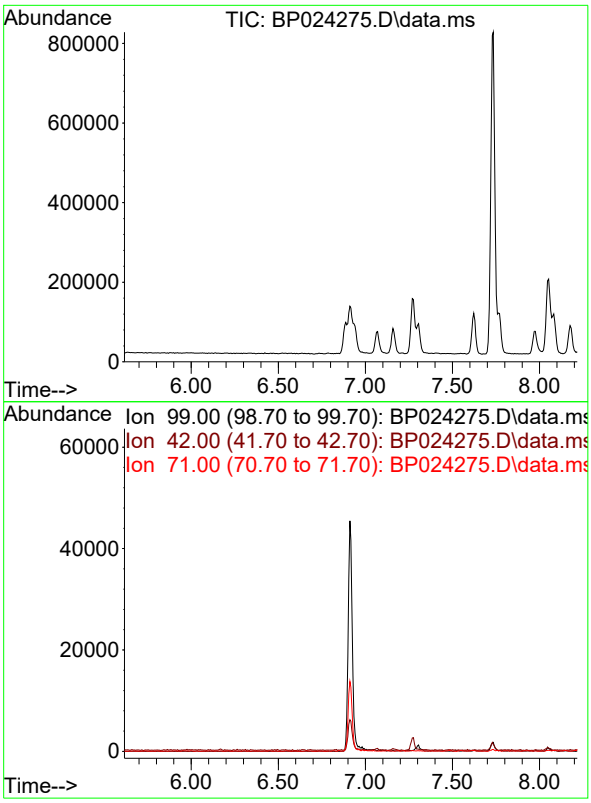
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.35 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	51.4
63	25.7





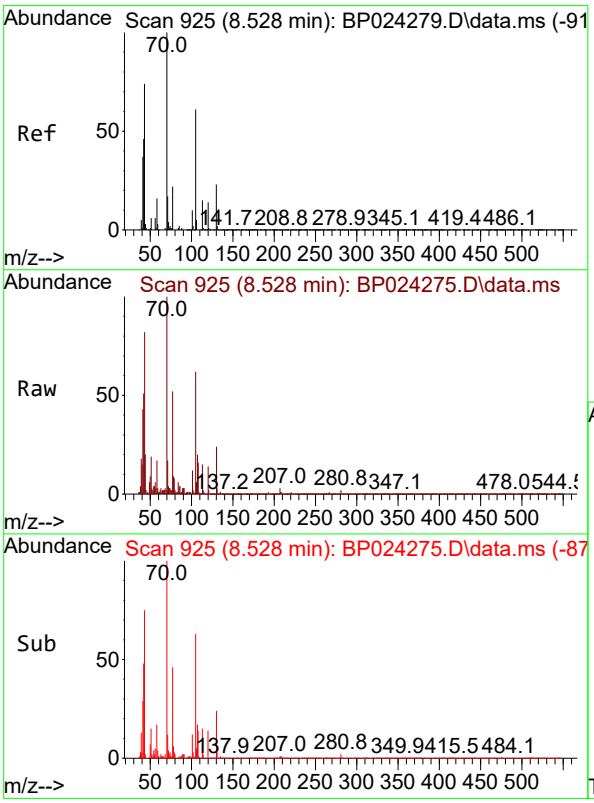
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.92 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

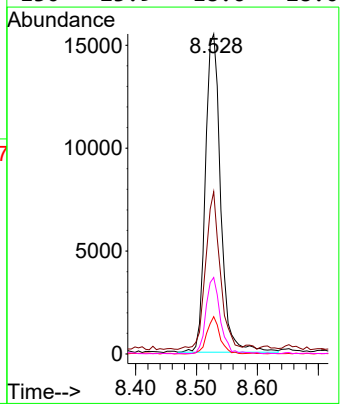
Sig	Exp Ratio
99	100
42	13.3
71	29.6

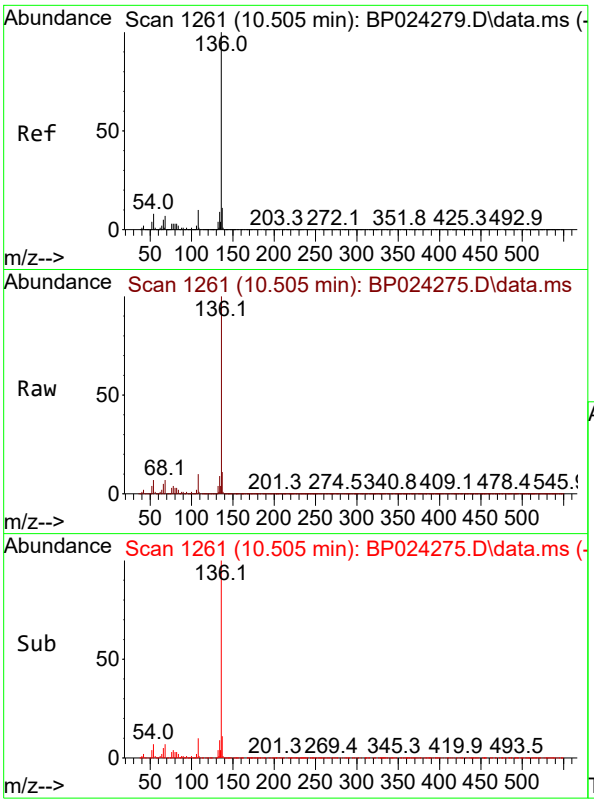


#19
n-Nitroso-di-n-propylamine
Concen: 2.285 ng
RT: 8.528 min Scan# 925
Delta R.T. 0.000 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 70 Resp: 26959

Ion	Ratio	Lower	Upper
70	100		
42	50.7	37.3	55.9
101	11.7	8.2	12.4
130	23.9	18.6	28.0



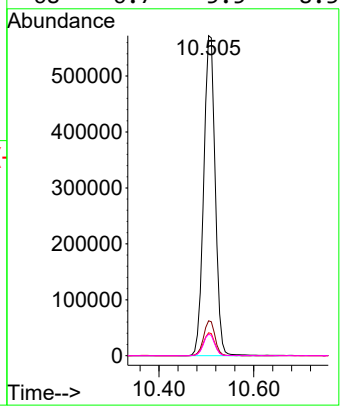


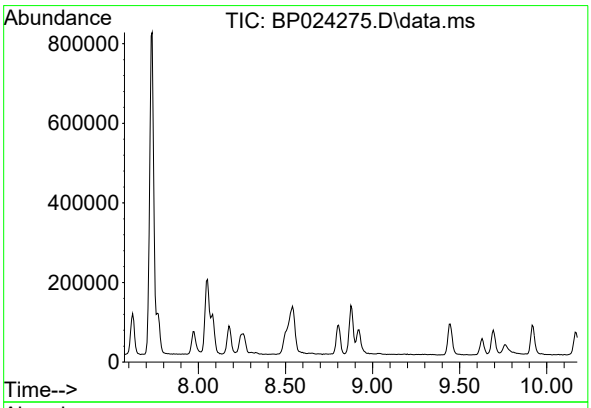
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 962244

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.2	6.0	9.0
68	6.7	5.5	8.3



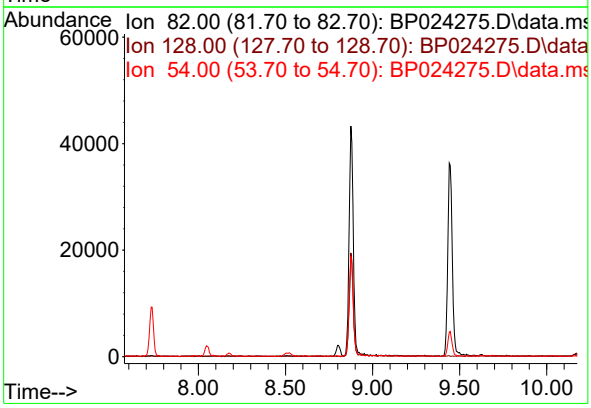


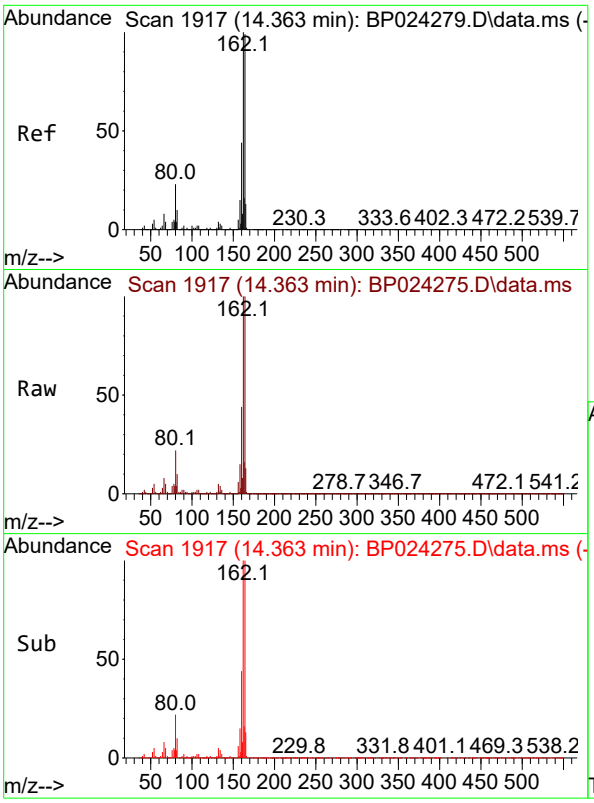
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.88 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	45.6
54	41.8



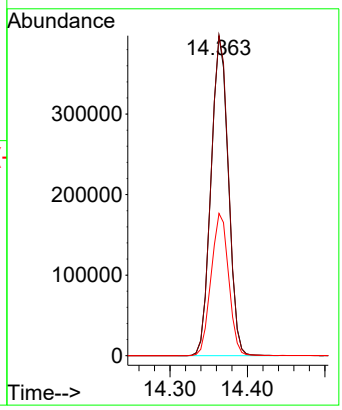


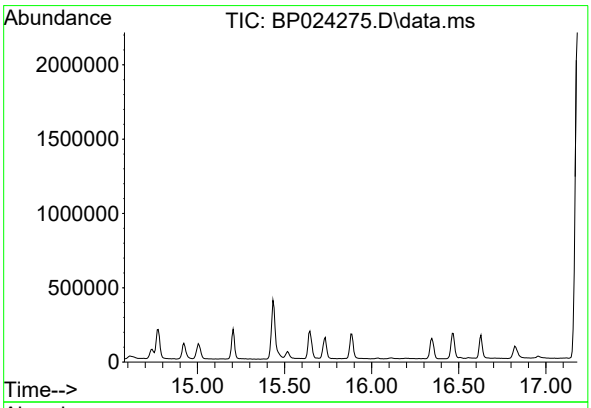
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 614109

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	44.5	35.3	52.9



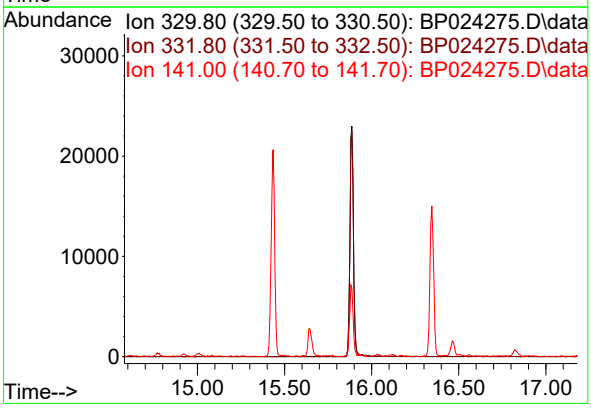


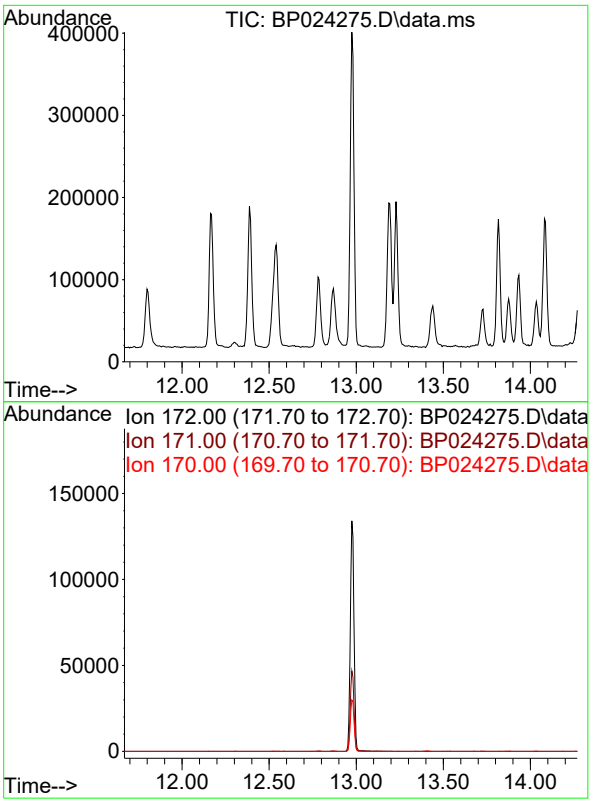
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.88 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.4
141	30.9





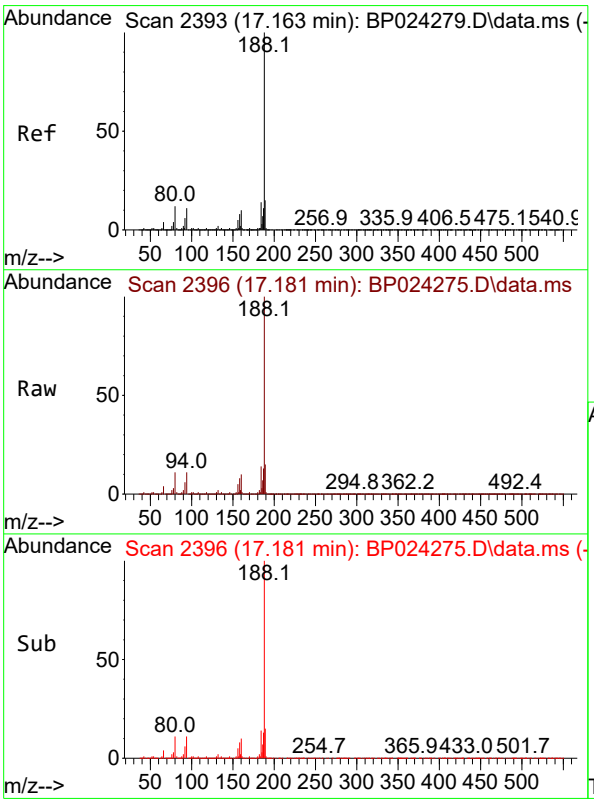
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.97 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

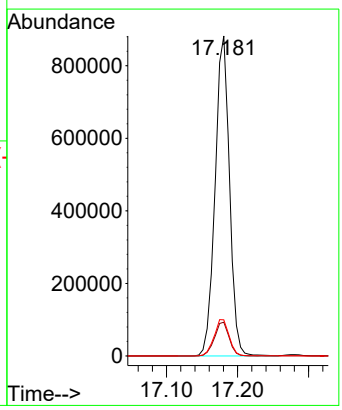
Sig	Exp Ratio
172	100
171	35.2
170	23.2

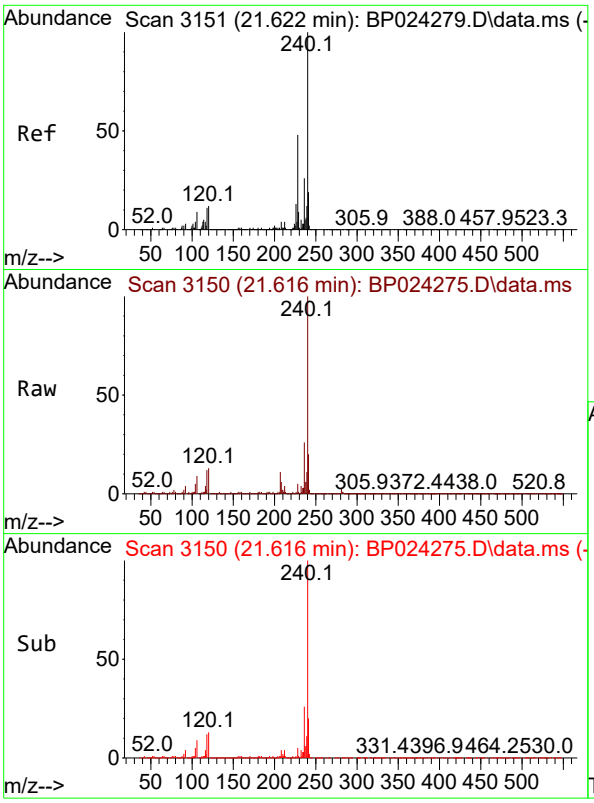


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2396
Delta R.T. 0.018 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion:188 Resp: 1238206

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	13.0
80	11.3	9.8	14.6



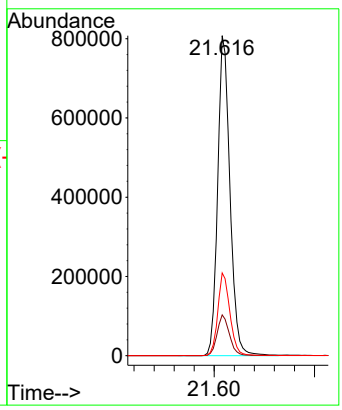


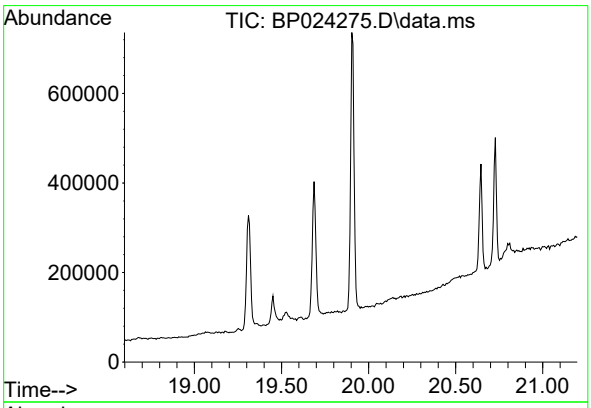
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

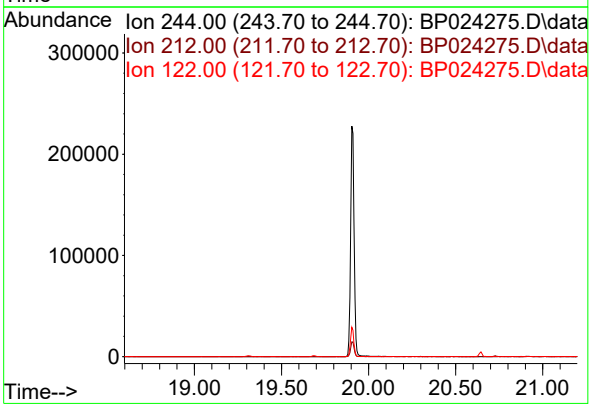
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1367665

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.8	14.8
236	25.9	20.9	31.3





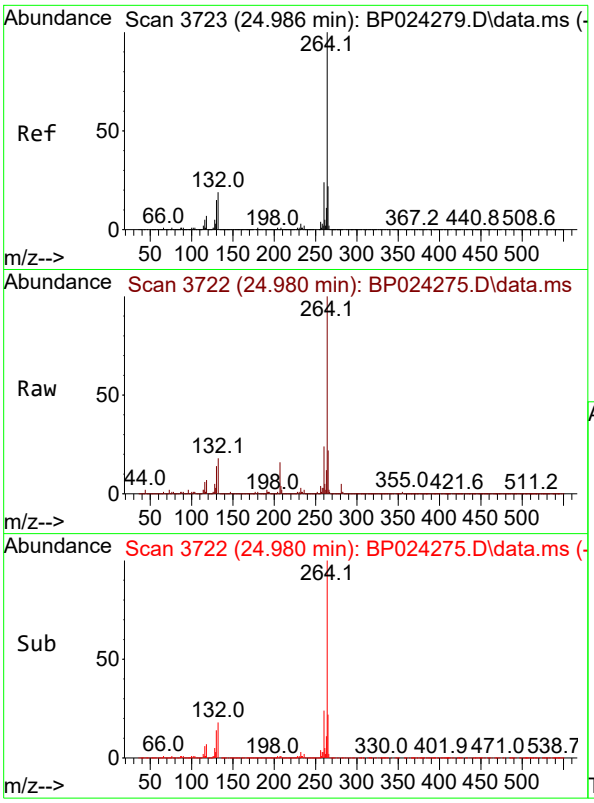


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.90 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	11.7

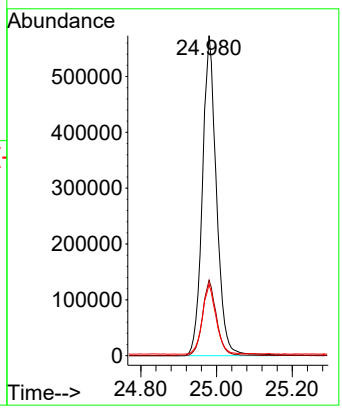


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.980 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1473609

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.3	17.8	26.6



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024276.D
Acq On : 14 Apr 2025 11:47
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Apr 14 17:26:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	223010	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	946483	20.000	ng		0.00
39) Acenaphthene-d10	14.369	164	609743	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1234074	20.000	ng		0.00
76) Chrysene-d12	21.610	240	1401979	20.000	ng		-0.01
86) Perylene-d12	24.968	264	1519057	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	125173	9.263	ng		0.00
7) Phenol-d6	6.916	99	163122	8.824	ng		0.00
23) Nitrobenzene-d5	8.875	82	152286	9.160	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	71560	8.571	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	406060	10.111	ng		0.00
79) Terphenyl-d14	19.886	244	677812	9.638	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	30738	5.328	ng		100
3) Pyridine	3.699	79	70539	4.697	ng		97
4) n-Nitrosodimethylamine	3.599	42	23634	4.720	ng	#	90
6) Aniline	7.069	93	80239	4.808	ng		99
8) 2-Chlorophenol	7.305	128	70239	4.651	ng		98
9) Benzaldehyde	6.887	77	52595m	5.493	ng		
10) Phenol	6.940	94	82245	4.431	ng		97
11) bis(2-Chloroethyl)ether	7.163	93	71228	4.749	ng		97
12) 1,3-Dichlorobenzene	7.622	146	81600	4.987	ng		98
13) 1,4-Dichlorobenzene	7.769	146	83408	5.027	ng		99
14) 1,2-Dichlorobenzene	8.081	146	82066	5.115	ng		98
15) Benzyl Alcohol	7.975	79	47777	4.032	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.258	45	80975	4.962	ng		97
17) 2-Methylphenol	8.175	107	51039	4.267	ng		99
18) Hexachloroethane	8.805	117	29643	4.950	ng		99
19) n-Nitroso-di-n-propyla...	8.528	70	56212	4.896	ng		96
20) 3+4-Methylphenols	8.505	107	68264	4.120	ng		99
22) Acetophenone	8.546	105	111159	4.725	ng		99
24) Nitrobenzene	8.922	77	77593	4.709	ng		96
25) Isophorone	9.446	82	136090	4.534	ng		99
26) 2-Nitrophenol	9.628	139	30712	3.882	ng		99
27) 2,4-Dimethylphenol	9.693	122	42510	4.239	ng		94
28) bis(2-Chloroethoxy)met...	9.922	93	97512	4.774	ng		98
29) 2,4-Dichlorophenol	10.169	162	57301	4.193	ng		97
30) 1,2,4-Trichlorobenzene	10.369	180	72789	4.923	ng		98
31) Naphthalene	10.557	128	246999	4.930	ng		99
33) 4-Chloroaniline	10.669	127	77667	4.437	ng		98
34) Hexachlorobutadiene	10.846	225	42723	4.926	ng		99
35) Caprolactam	11.446	113	20082	4.002	ng		94
36) 4-Chloro-3-methylphenol	11.804	107	67116	4.214	ng		100
37) 2-Methylnaphthalene	12.169	142	165617	4.770	ng		99
38) 1-Methylnaphthalene	12.399	142	165656	4.870	ng		99
40) 1,2,4,5-Tetrachloroben...	12.540	216	79501	4.744	ng		100
41) Hexachlorocyclopentadiene	12.528	237	24696	4.198	ng		96
43) 2,4,6-Trichlorophenol	12.787	196	45925	4.165	ng		95
44) 2,4,5-Trichlorophenol	12.863	196	50675	4.147	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024276.D
Acq On : 14 Apr 2025 11:47
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Apr 14 17:26:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.187	154	221653	4.922	ng		99
47)	2-Chloronaphthalene	13.234	162	162099	4.824	ng		99
48)	2-Nitroaniline	13.440	65	38152	4.111	ng		90
49)	Acenaphthylene	14.087	152	244566	4.637	ng		99
50)	Dimethylphthalate	13.822	163	217848	4.897	ng		100
51)	2,6-Dinitrotoluene	13.934	165	40182	4.287	ng		94
52)	Acenaphthene	14.428	154	165694	4.940	ng		97
53)	3-Nitroaniline	14.275	138	38178	3.926	ng	#	94
55)	Dibenzofuran	14.769	168	274506	4.991	ng		99
56)	4-Nitrophenol	14.610	139	29033	3.473	ng		98
57)	2,4-Dinitrotoluene	14.745	165	50843	4.013	ng		97
58)	Fluorene	15.428	166	209763	4.939	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.004	232	49911	4.415	ng		98
60)	Diethylphthalate	15.204	149	221119	4.830	ng		99
61)	4-Chlorophenyl-phenyle...	15.422	204	101636	4.928	ng		99
62)	4-Nitroaniline	15.445	138	40139	3.893	ng		96
63)	Azobenzene	15.722	77	193402	4.586	ng		99
66)	n-Nitrosodiphenylamine	15.645	169	174867	4.726	ng		99
67)	4-Bromophenyl-phenylether	16.334	248	62558	4.647	ng		97
68)	Hexachlorobenzene	16.451	284	76267	4.766	ng		96
69)	Atrazine	16.616	200	54439	5.803	ng		98
70)	Pentachlorophenol	16.810	266	44119	4.015	ng		98
71)	Phenanthrene	17.204	178	338611	5.005	ng		100
72)	Anthracene	17.292	178	307065	4.716	ng		99
73)	Carbazole	17.586	167	298495	4.711	ng		100
74)	Di-n-butylphthalate	18.175	149	354008	4.484	ng		100
75)	Fluoranthene	19.292	202	397601	4.951	ng		99
77)	Benzidine	19.498	184	50615m	2.925	ng		
78)	Pyrene	19.663	202	417746	4.657	ng		99
80)	Butylbenzylphthalate	20.622	149	152196	4.024	ng		99
81)	Benzo(a)anthracene	21.592	228	418745	4.791	ng		100
82)	3,3'-Dichlorobenzidine	21.516	252	121047	3.994	ng		99
83)	Chrysene	21.657	228	413570	4.937	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.533	149	223960	4.021	ng		98
85)	Di-n-octyl phthalate	22.816	149	331185	3.712	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.762	276	475578	4.552	ng	#	92
88)	Benzo(b)fluoranthene	23.904	252	429214	4.723	ng		99
89)	Benzo(k)fluoranthene	23.968	252	413302	4.686	ng		99
90)	Benzo(a)pyrene	24.810	252	356658	4.559	ng		98
91)	Dibenzo(a,h)anthracene	28.845	278	397247	4.571	ng		100
92)	Benzo(g,h,i)perylene	29.951	276	407522	4.607	ng		99

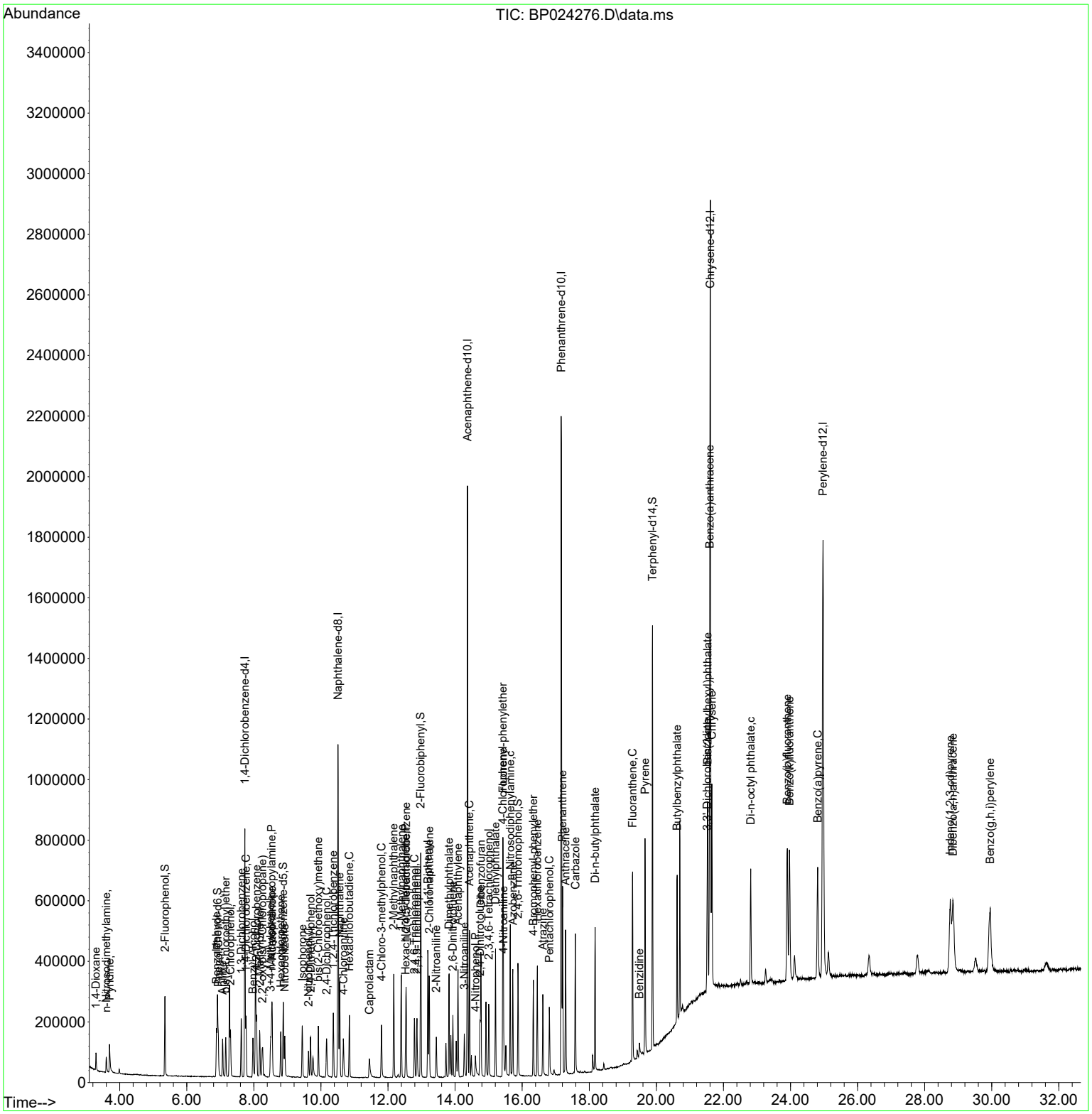
(#) = qualifier out of range (m) = manual integration (+) = signals summed

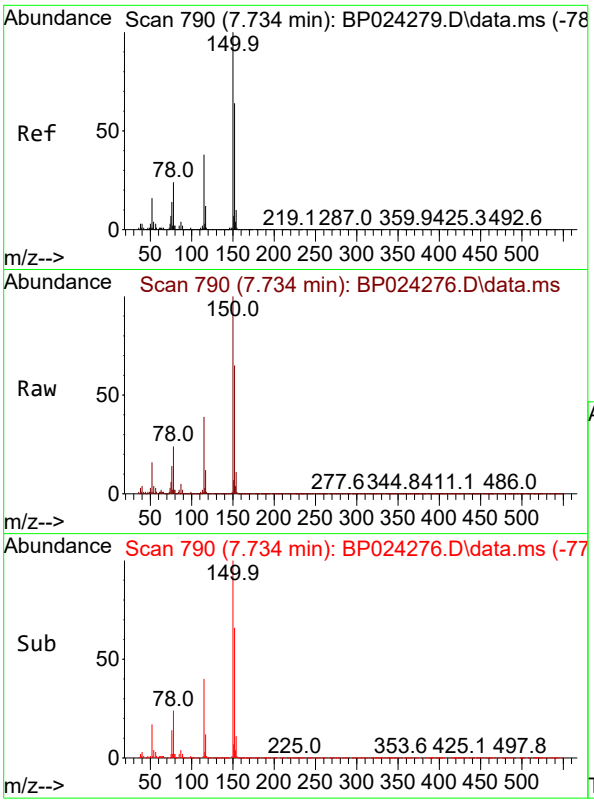
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024276.D
Acq On : 14 Apr 2025 11:47
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Apr 14 17:26:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



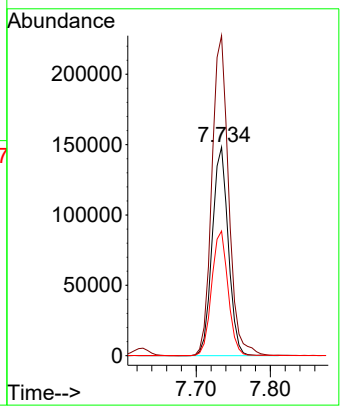


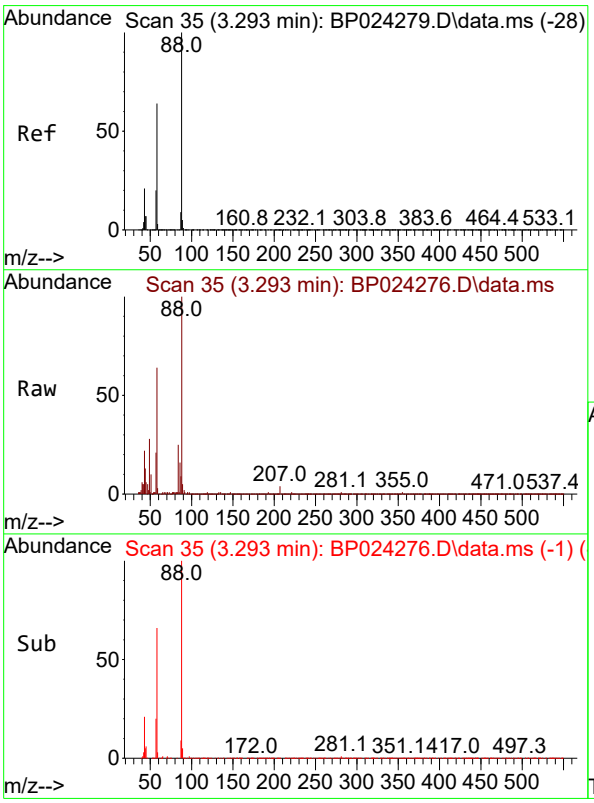
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 223010

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.9	187.3
115	59.8	47.7	71.5

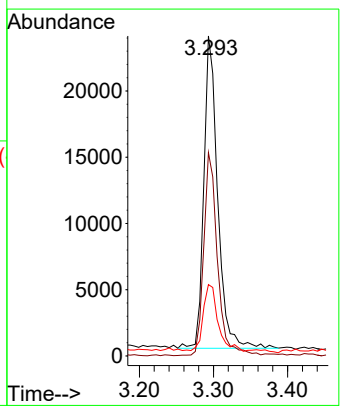


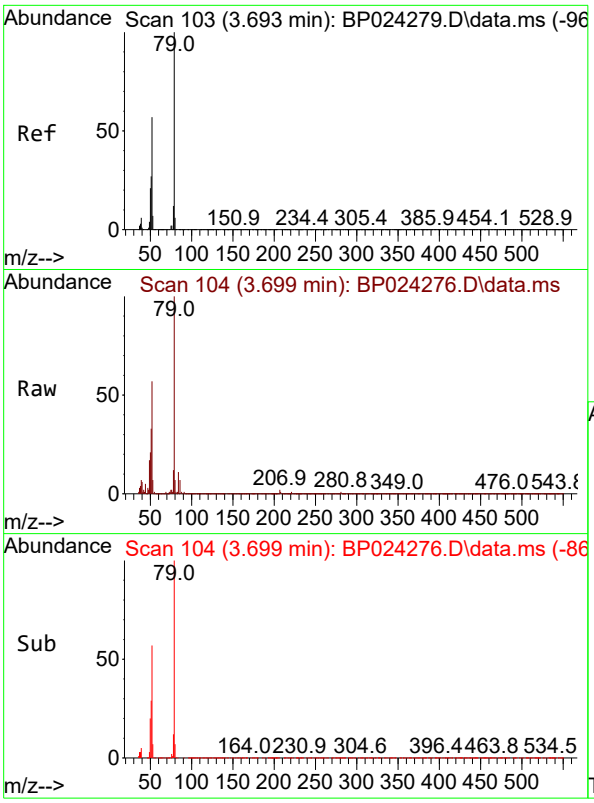


#2
1,4-Dioxane
Concen: 5.328 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 88 Resp: 30738

Ion	Ratio	Lower	Upper
88	100		
58	64.3	51.4	77.2
43	22.3	17.1	25.7



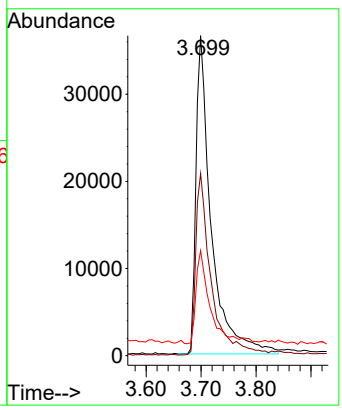


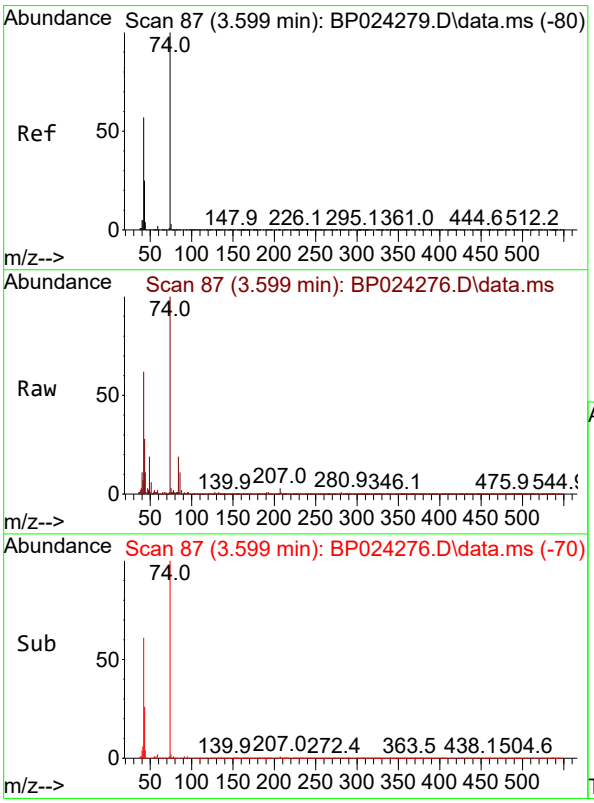
#3
Pyridine
Concen: 4.697 ng
RT: 3.699 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 70539

Ion	Ratio	Lower	Upper
79	100		
52	56.9	45.4	68.2
51	32.8	22.6	33.8

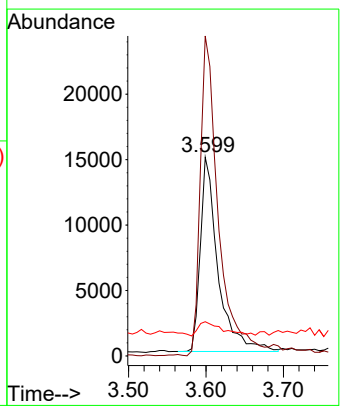


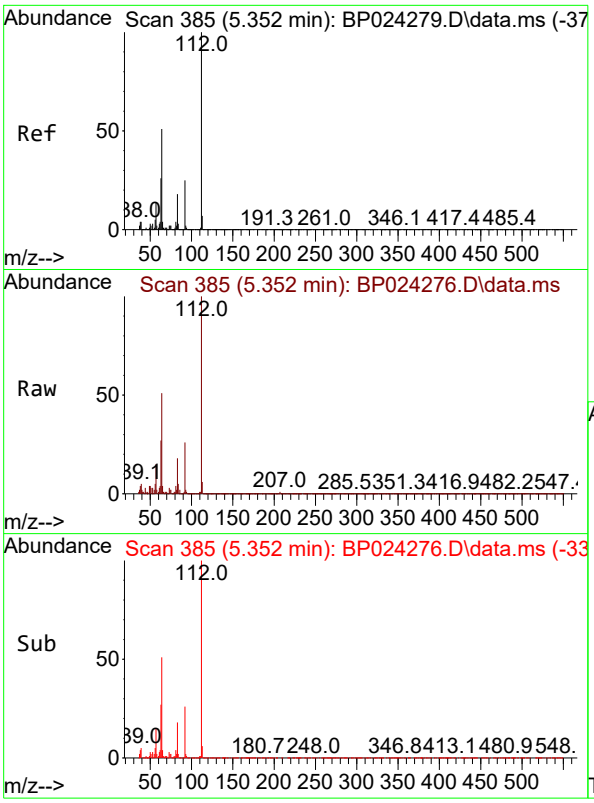


#4
n-Nitrosodimethylamine
Concen: 4.720 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 42 Resp: 23634

Ion	Ratio	Lower	Upper
42	100		
74	161.0	139.5	209.3
44	17.2	5.8	8.8#



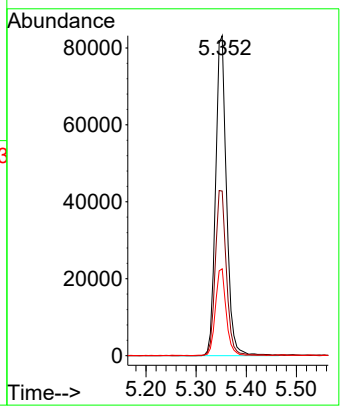


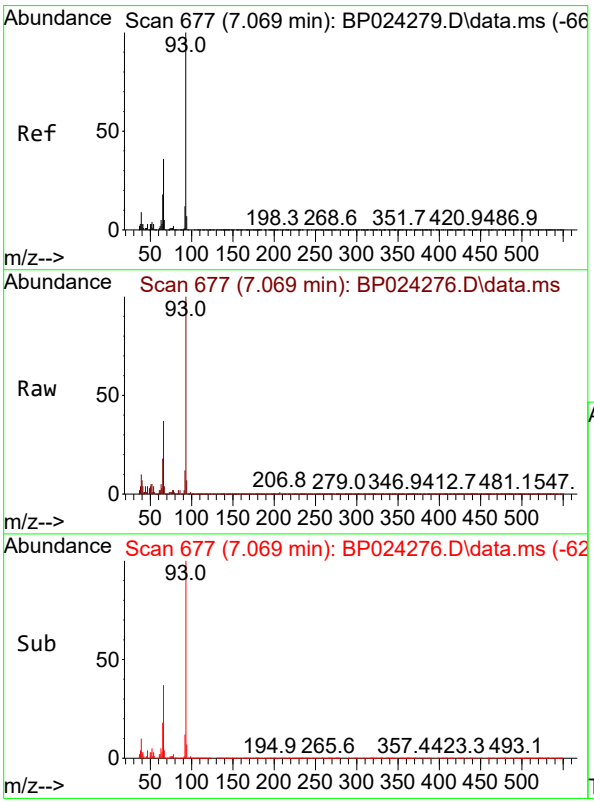
#5
2-Fluorophenol
Concen: 9.263 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 125173

Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.1	61.7
63	27.1	20.6	30.8

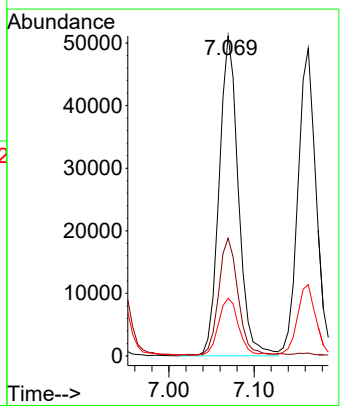


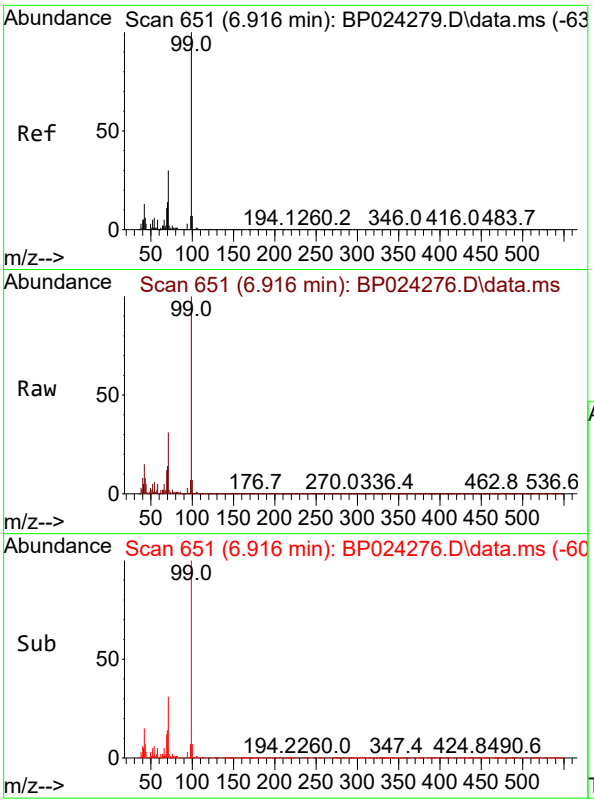


#6
Aniline
Concen: 4.808 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 93 Resp: 80239

Ion	Ratio	Lower	Upper
93	100		
66	36.8	29.1	43.7
65	18.0	14.7	22.1



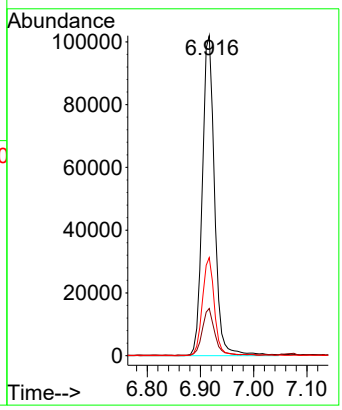


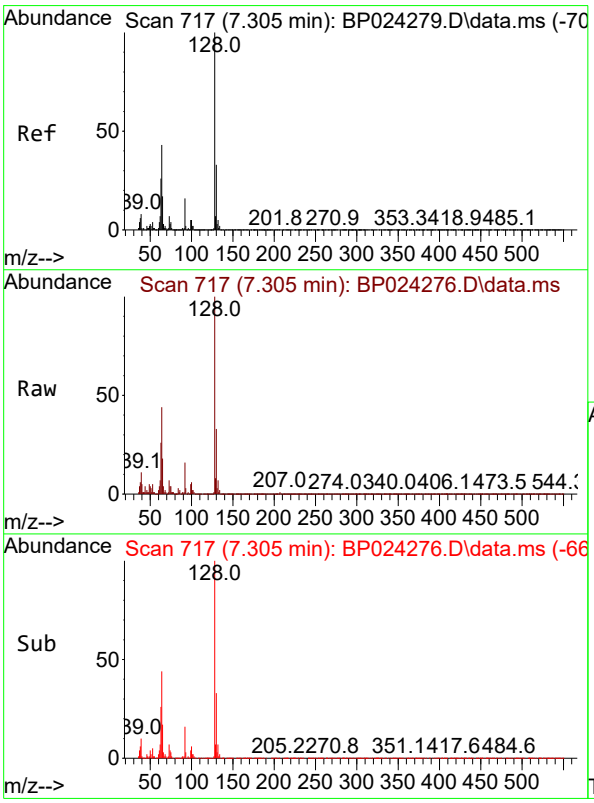
#7
Phenol-d6
Concen: 8.824 ng
RT: 6.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 163122

Ion	Ratio	Lower	Upper
99	100		
42	14.7	10.6	16.0
71	30.7	23.7	35.5

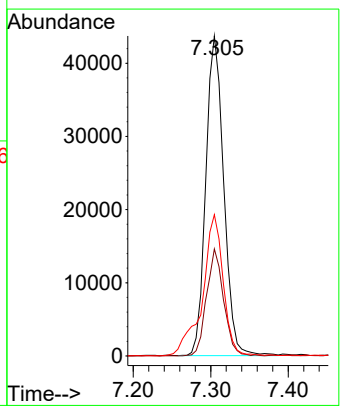


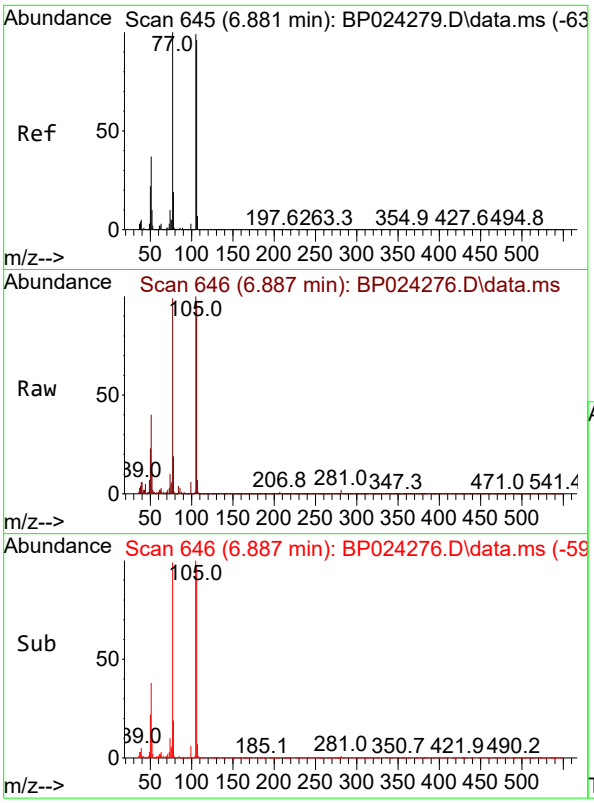


#8
2-Chlorophenol
Concen: 4.651 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:128 Resp: 70239

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.9	52.9
64	44.2	22.7	62.7



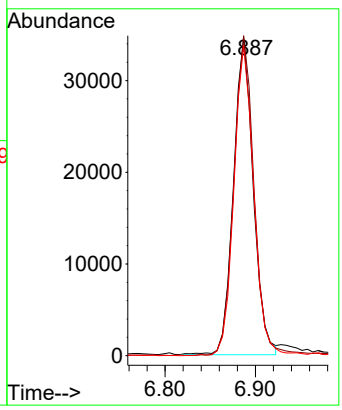


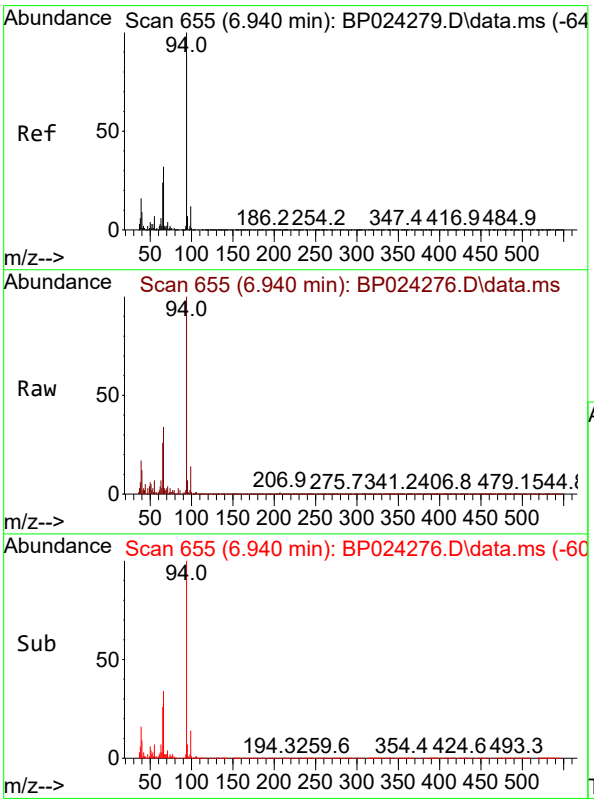
#9
Benzaldehyde
Concen: 5.493 ng m
RT: 6.887 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 52595

Ion	Ratio	Lower	Upper
77	100		
105	100.6	79.2	119.2
106	97.4	76.2	116.2

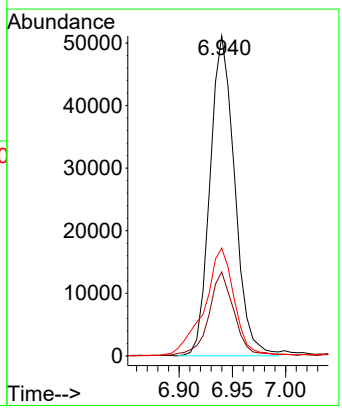


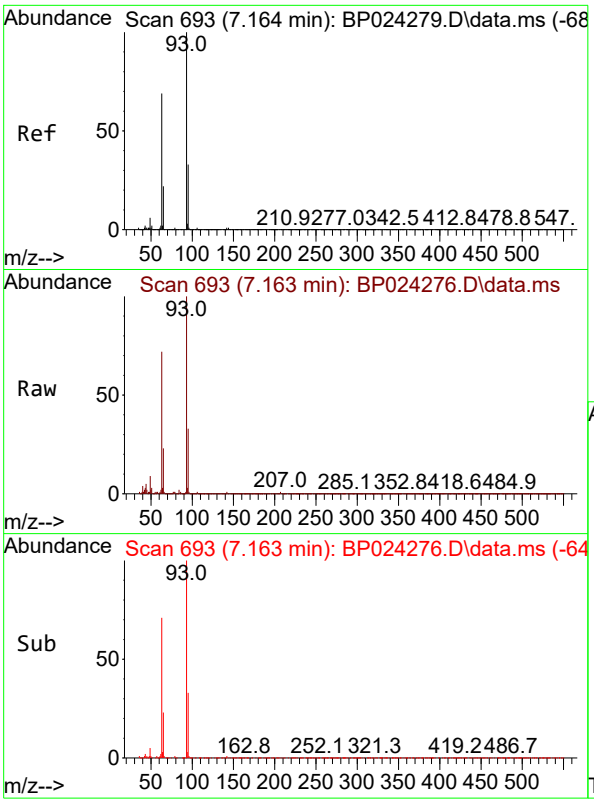


#10
Phenol
Concen: 4.431 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 94 Resp: 82245

Ion	Ratio	Lower	Upper
94	100		
65	26.3	4.5	44.5
66	33.7	12.4	52.4



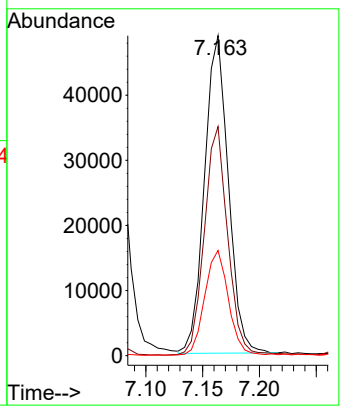


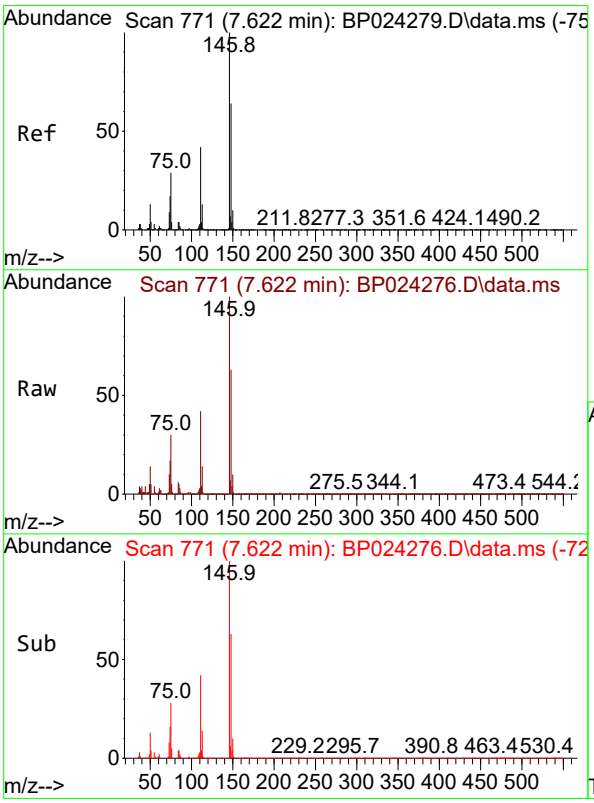
#11
bis(2-Chloroethyl)ether
Concen: 4.749 ng
RT: 7.163 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 71228

Ion	Ratio	Lower	Upper
93	100		
63	71.6	48.6	88.6
95	32.9	12.3	52.3

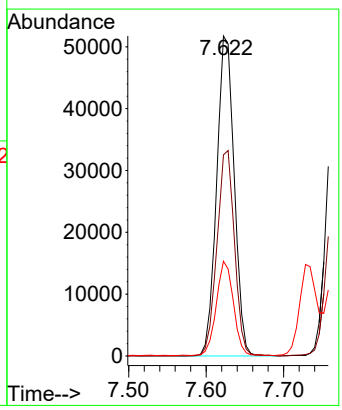


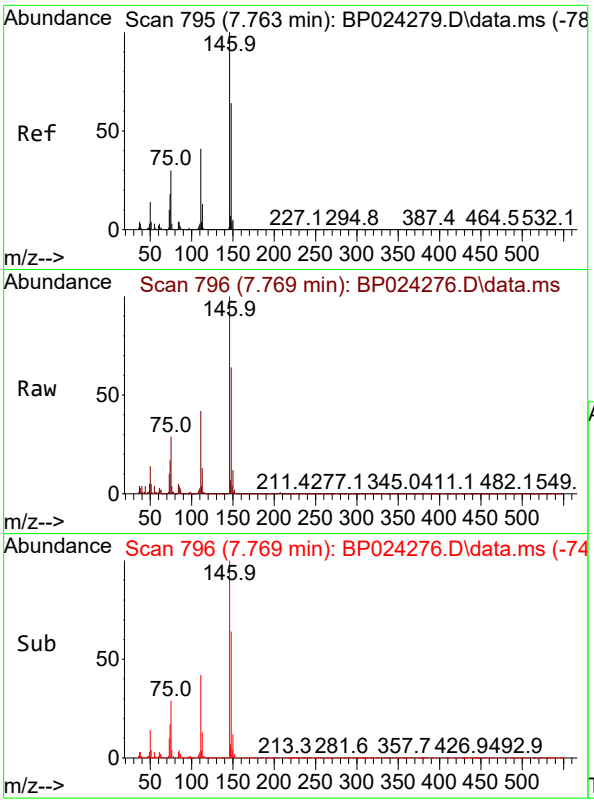


#12
1,3-Dichlorobenzene
Concen: 4.987 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:146 Resp: 81600

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
75	29.6	22.9	34.3



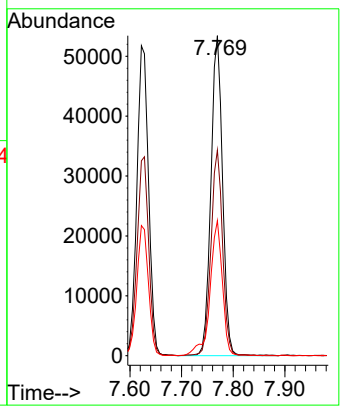


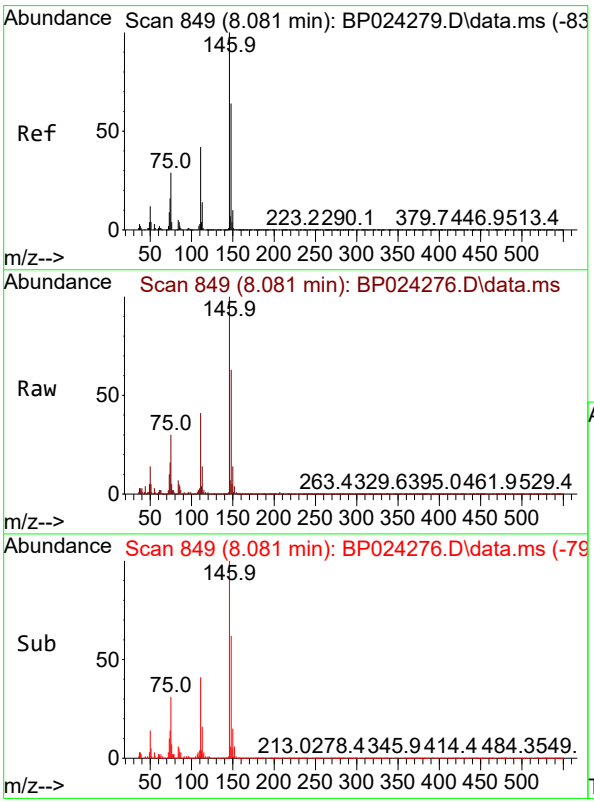
#13
1,4-Dichlorobenzene
Concen: 5.027 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 83408

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	42.2	32.6	48.8

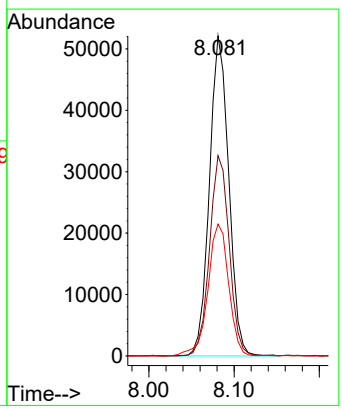


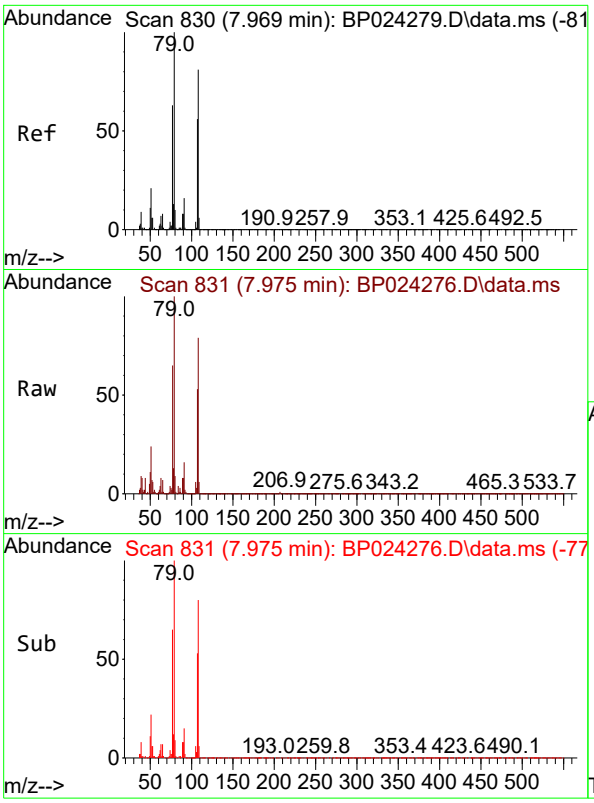


#14
1,2-Dichlorobenzene
Concen: 5.115 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:146 Resp: 82066

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.0	76.4
111	41.2	33.8	50.8



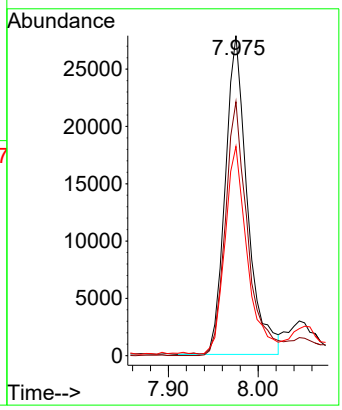


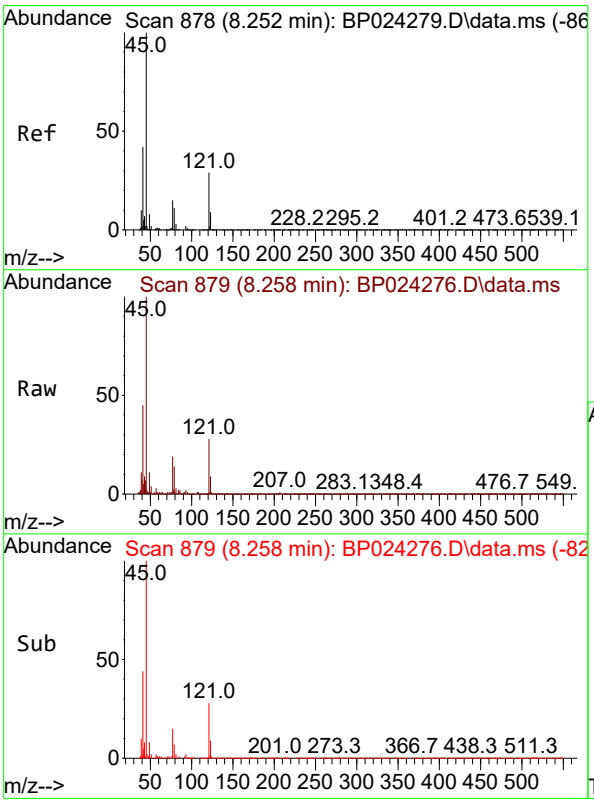
#15
Benzyl Alcohol
Concen: 4.032 ng
RT: 7.975 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 47777

Ion	Ratio	Lower	Upper
79	100		
108	79.4	65.1	97.7
77	65.4	50.7	76.1

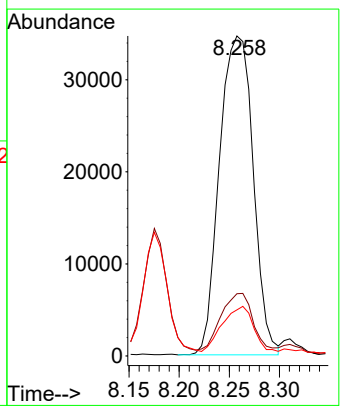


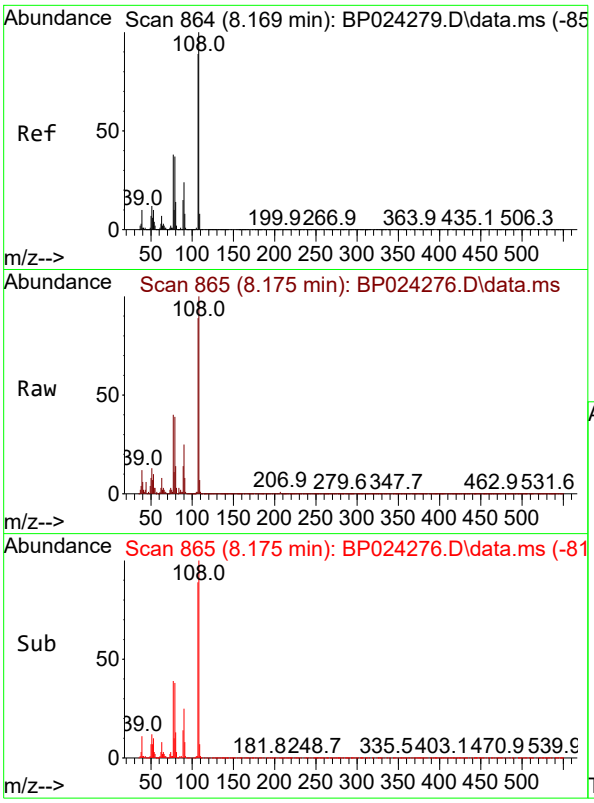


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.962 ng
RT: 8.258 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 45 Resp: 80975

Ion	Ratio	Lower	Upper
45	100		
77	19.4	0.0	37.7
79	14.4	0.0	33.5



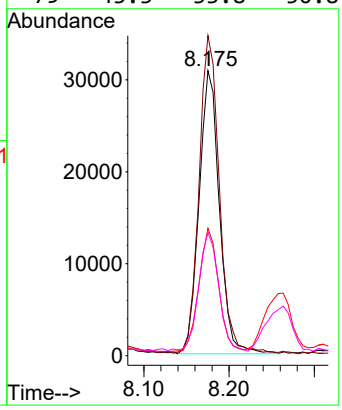


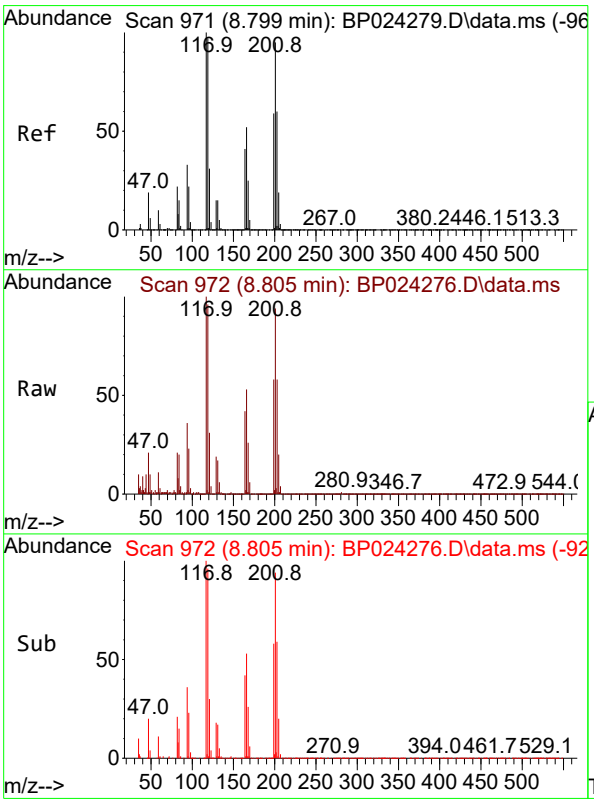
#17
2-Methylphenol
Concen: 4.267 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 51039

Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.8	134.6
77	44.7	34.2	51.4
79	43.3	33.8	50.8

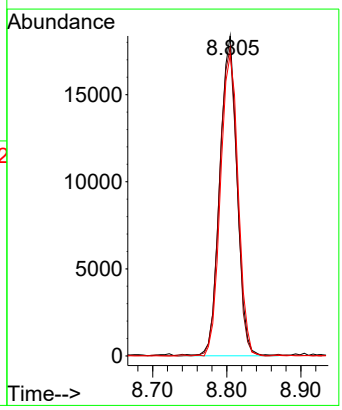


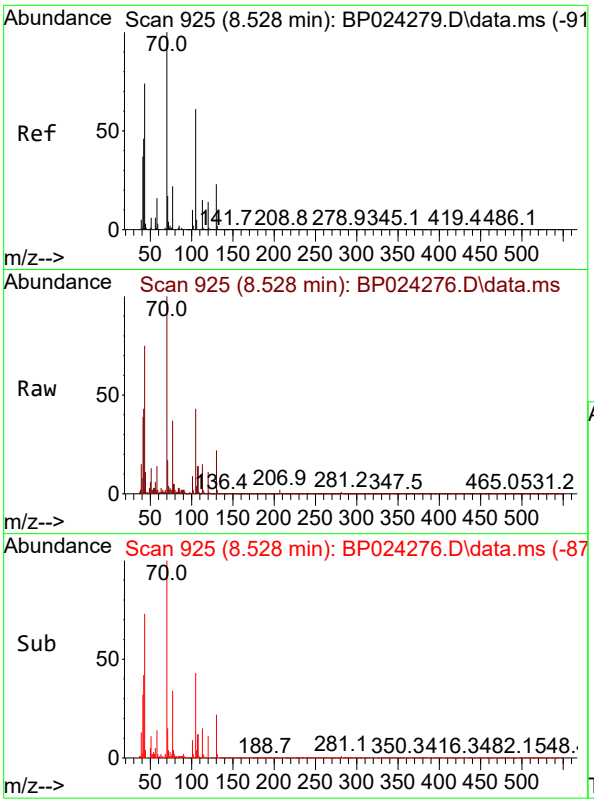


#18
Hexachloroethane
Concen: 4.950 ng
RT: 8.805 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:117 Resp: 29643

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.8	116.6
201	96.8	75.9	113.9



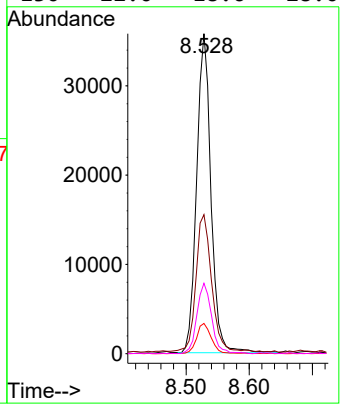


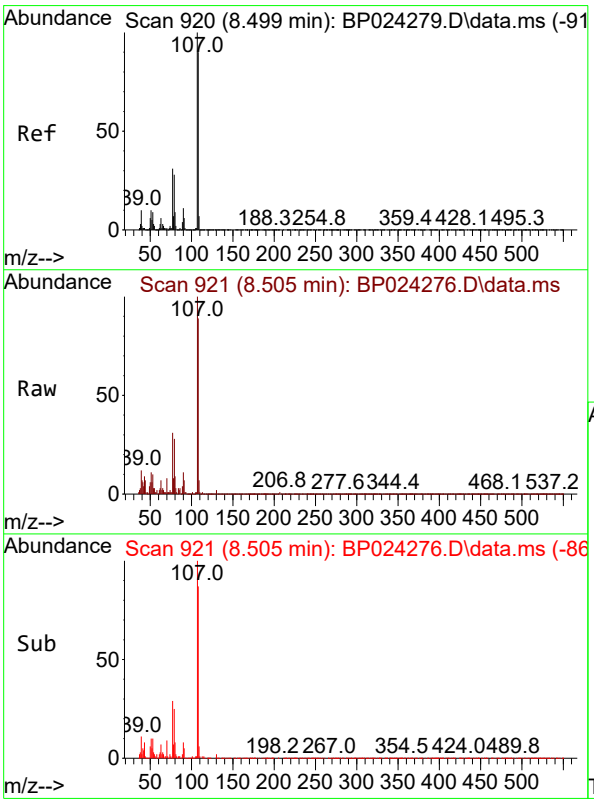
#19
n-Nitroso-di-n-propylamine
Concen: 4.896 ng
RT: 8.528 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 56212

Ion	Ratio	Lower	Upper
70	100		
42	43.5	37.3	55.9
101	9.4	8.2	12.4
130	22.0	18.6	28.0

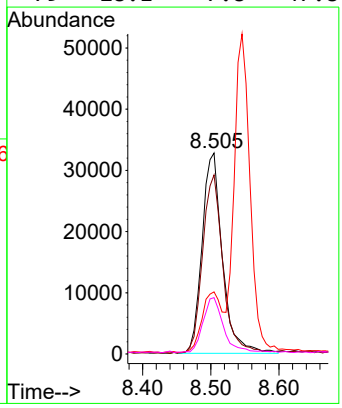


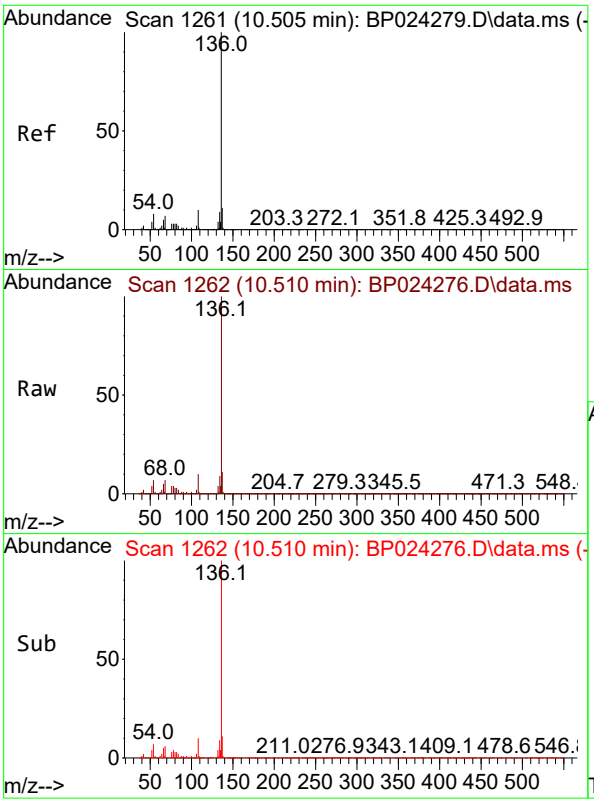


#20
3+4-Methylphenols
Concen: 4.120 ng
RT: 8.505 min Scan# 921
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:107 Resp: 68264

Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.8	109.8
77	30.9	11.5	51.5
79	28.1	7.8	47.8



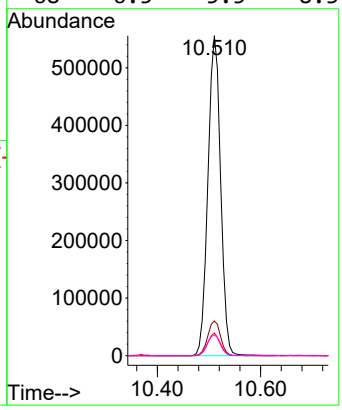


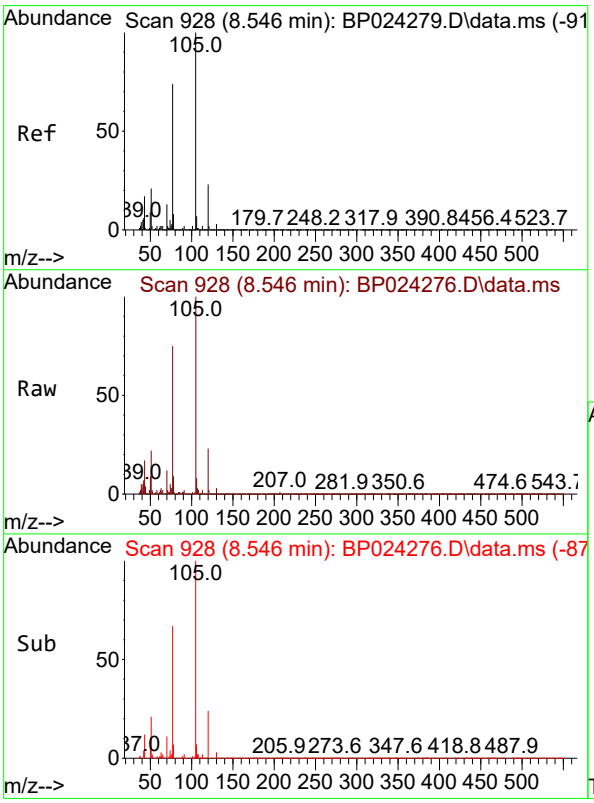
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 946483

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.1	6.0	9.0
68	6.5	5.5	8.3

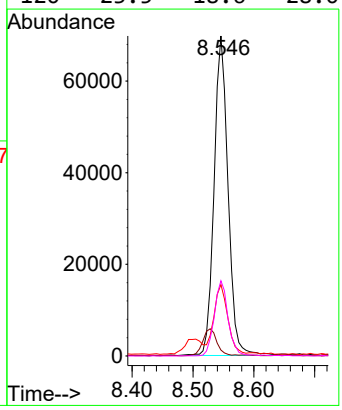


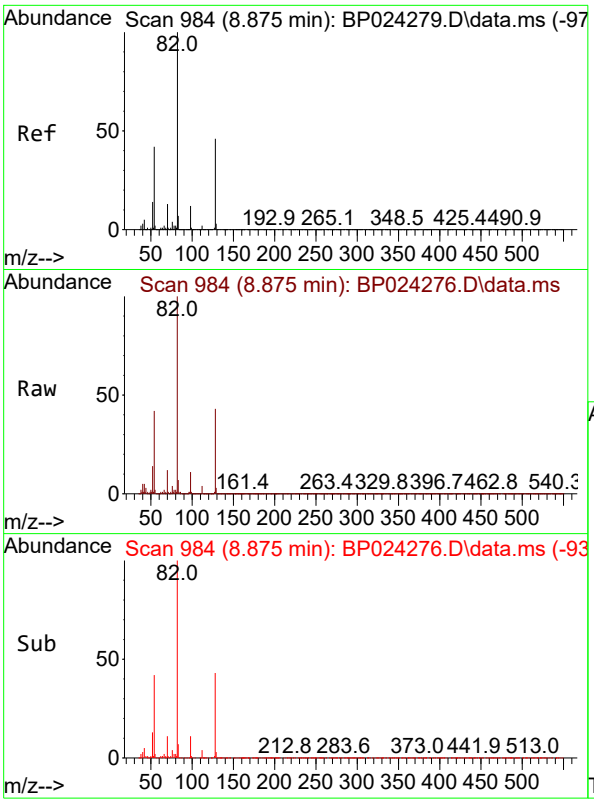


#22
Acetophenone
Concen: 4.725 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:105 Resp: 111159

Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.7	2.5
51	22.3	16.9	25.3
120	23.5	18.6	28.0



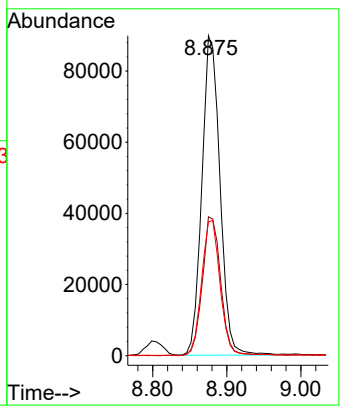


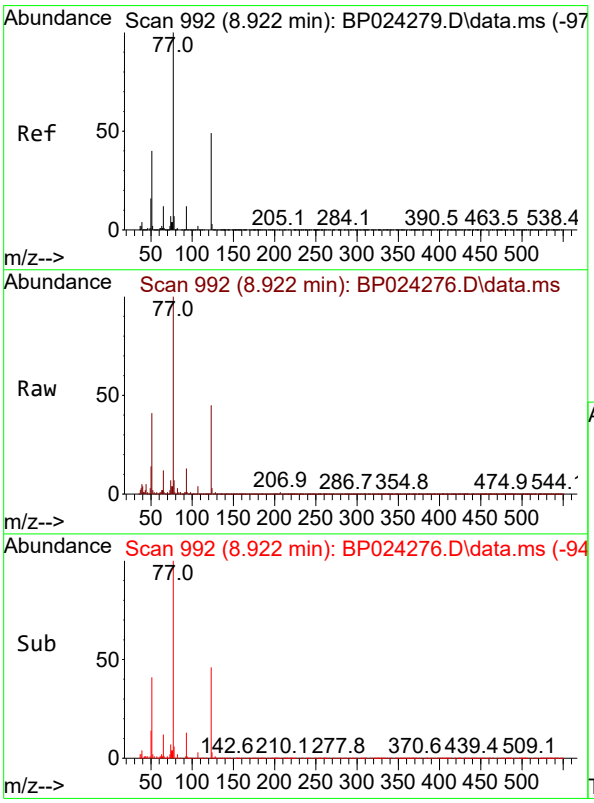
#23
Nitrobenzene-d5
Concen: 9.160 ng
RT: 8.875 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 152286

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.5	54.7
54	41.8	33.4	50.2

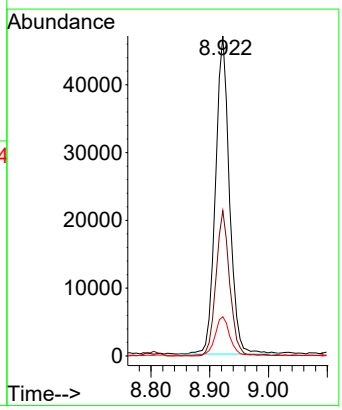


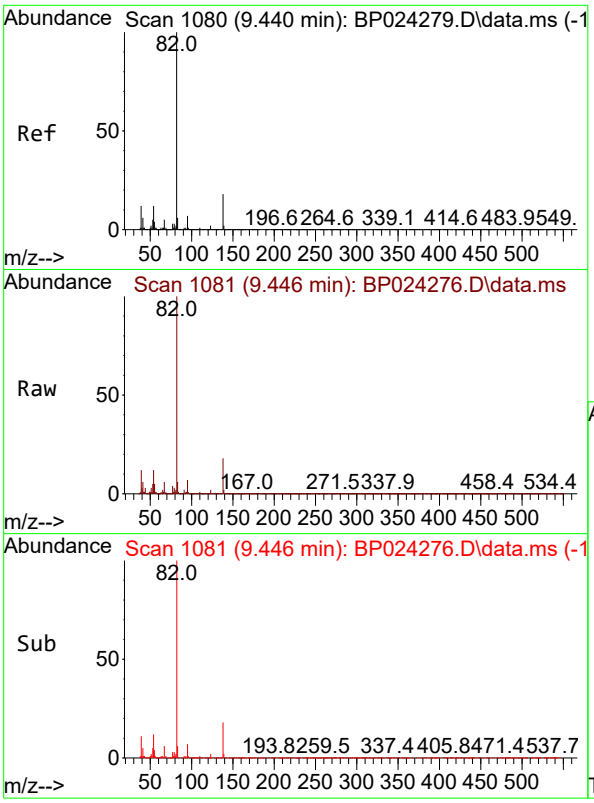


#24
Nitrobenzene
Concen: 4.709 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 77 Resp: 77593

Ion	Ratio	Lower	Upper
77	100		
123	45.4	39.2	58.8
65	12.3	9.8	14.6



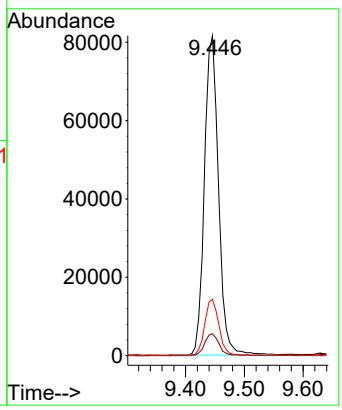


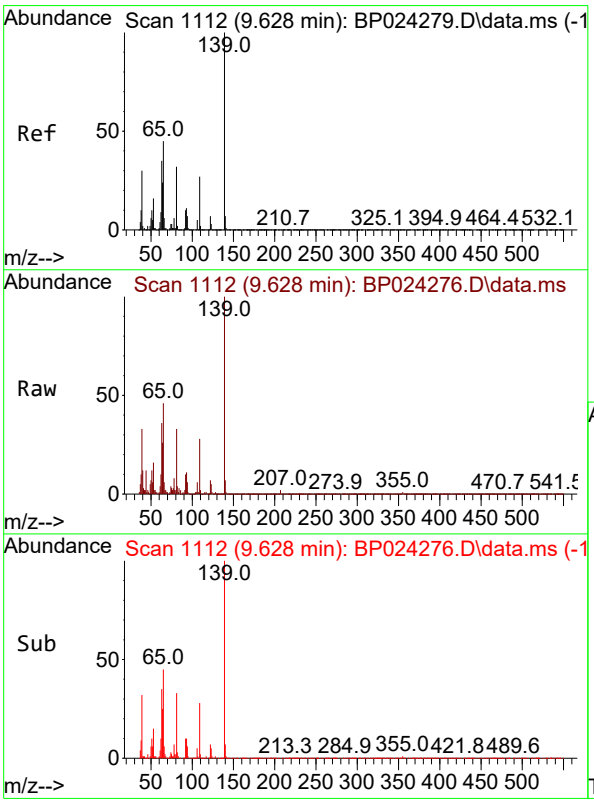
#25
Isophorone
Concen: 4.534 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 136090

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	17.6	14.4	21.6

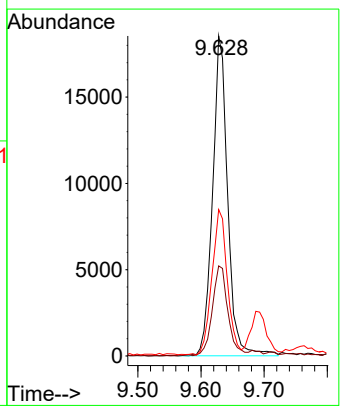


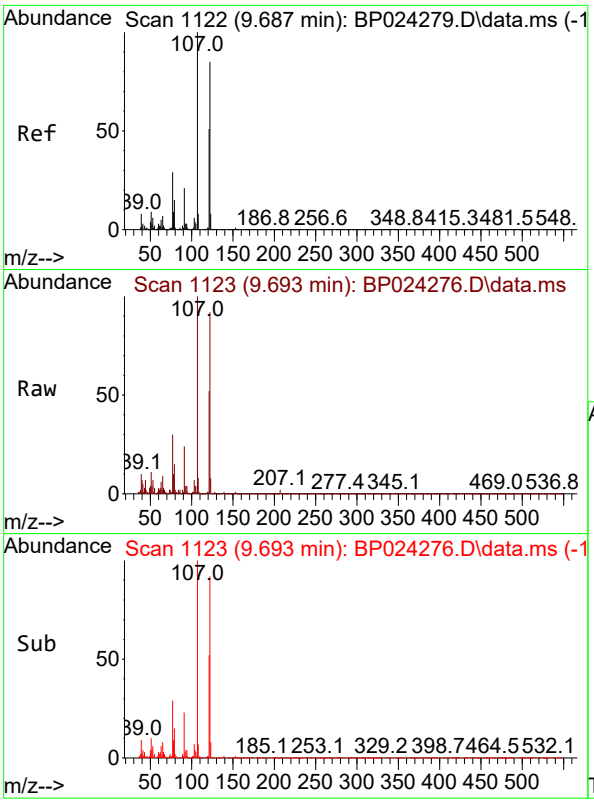


#26
2-Nitrophenol
Concen: 3.882 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:139 Resp: 30712

Ion	Ratio	Lower	Upper
139	100		
109	28.1	21.8	32.6
65	45.7	36.2	54.2



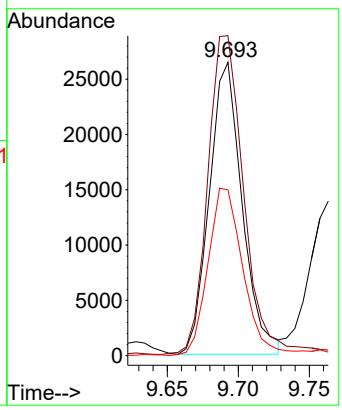


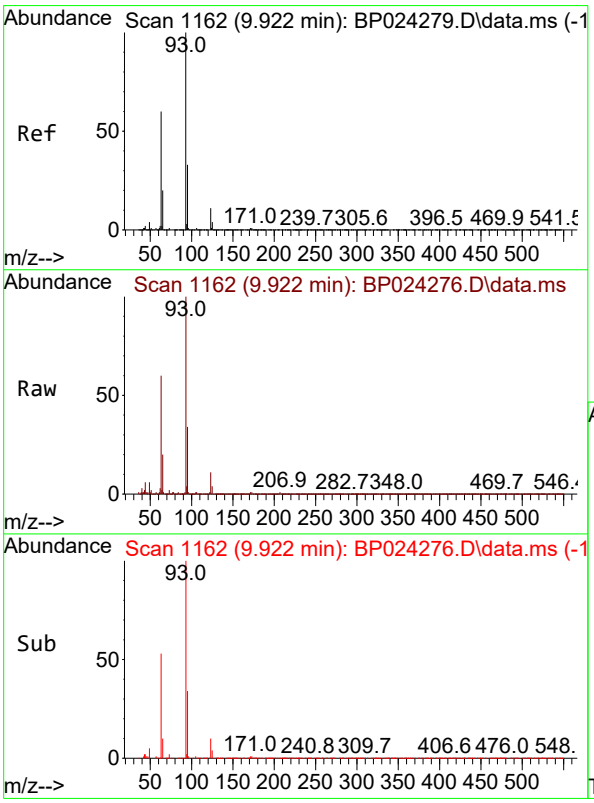
#27
2,4-Dimethylphenol
Concen: 4.239 ng
RT: 9.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 42510

Ion	Ratio	Lower	Upper
122	100		
107	109.1	93.7	140.5
121	56.5	48.2	72.2

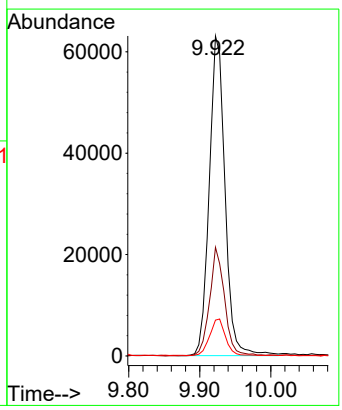


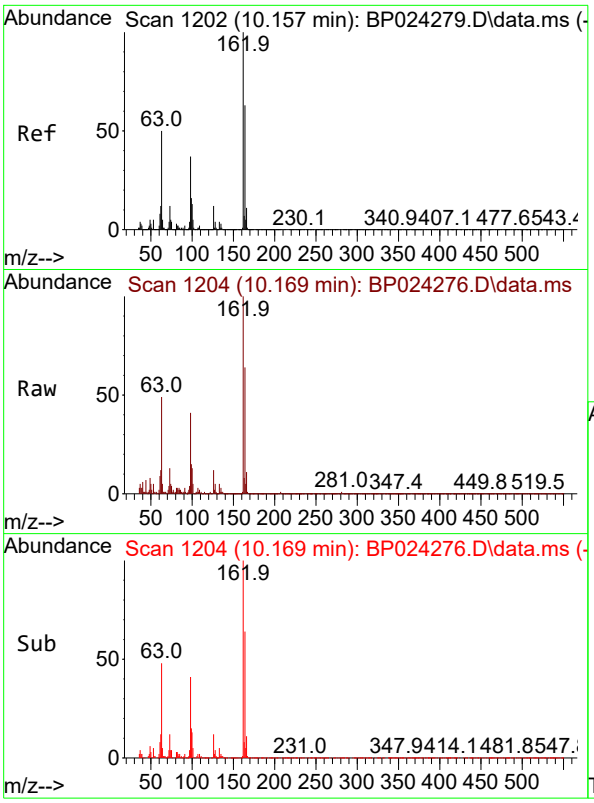


#28
bis(2-Chloroethoxy)methane
Concen: 4.774 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 93 Resp: 97512

Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.0	39.0
123	11.2	9.1	13.7



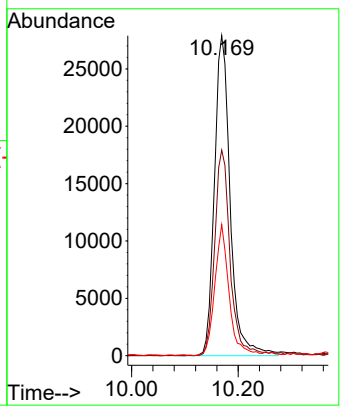


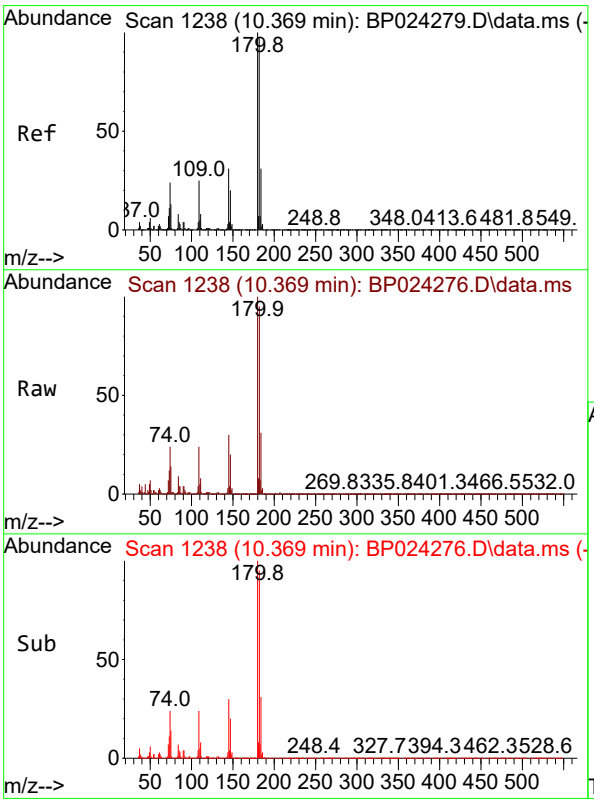
#29
2,4-Dichlorophenol
Concen: 4.193 ng
RT: 10.169 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 57301

Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.3	83.3
98	41.0	16.6	56.6

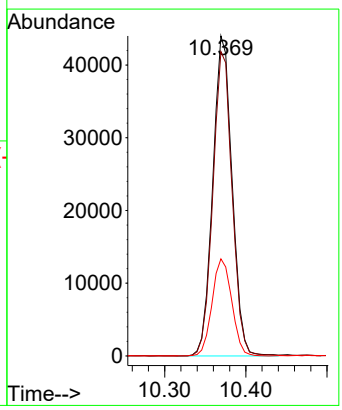


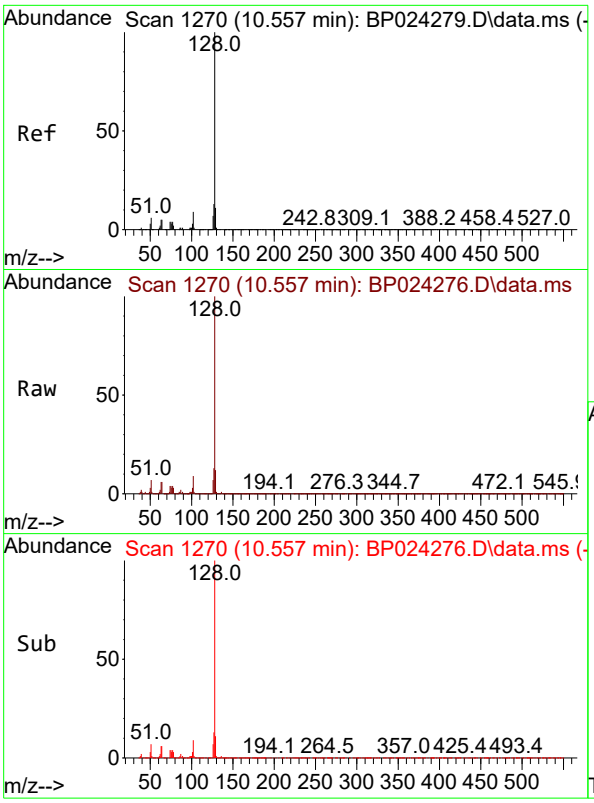


#30
1,2,4-Trichlorobenzene
Concen: 4.923 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:180 Resp: 72789

Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.3	115.9
145	30.3	25.1	37.7



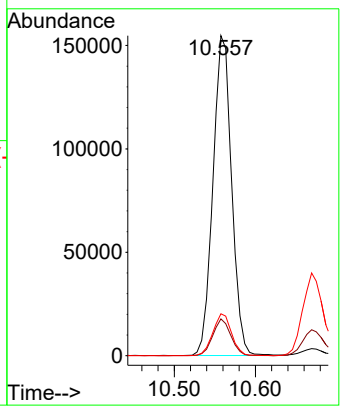


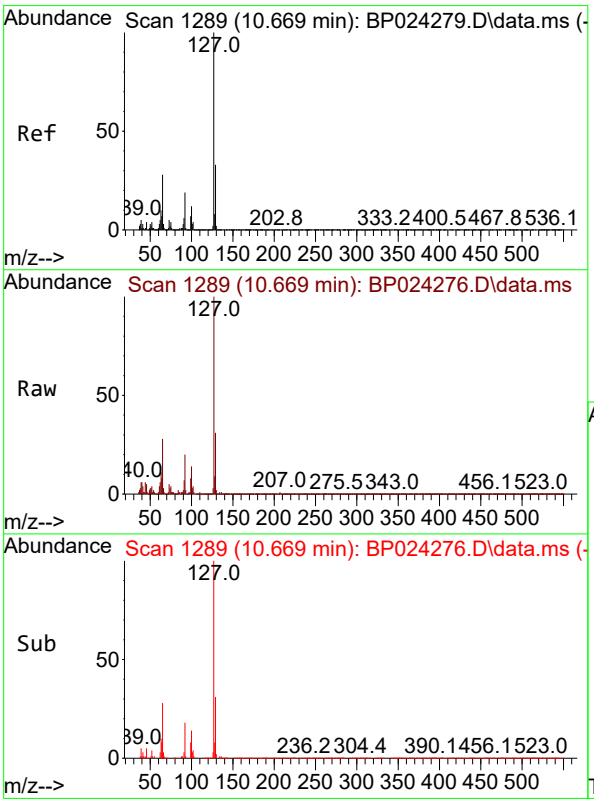
#31
Naphthalene
Concen: 4.930 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 246999

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.1	10.3	15.5

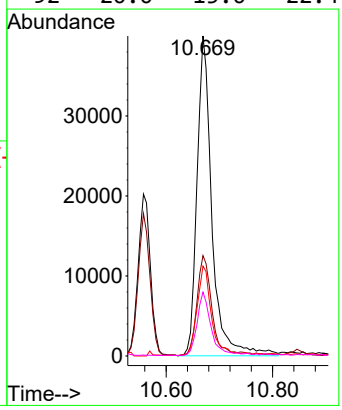


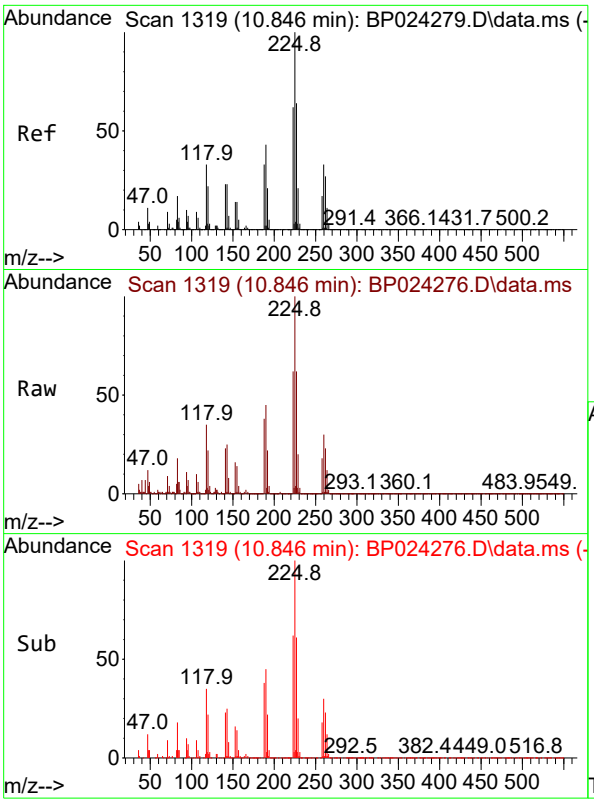


#33
4-Chloroaniline
Concen: 4.437 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:127 Resp: 77667

Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.1	39.1
65	28.1	22.1	33.1
92	20.0	15.0	22.4



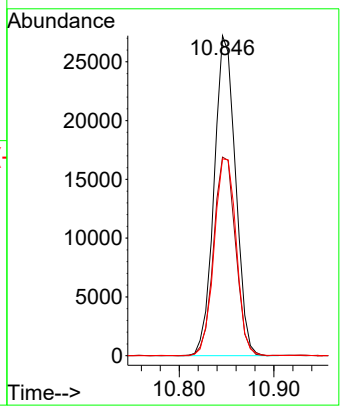


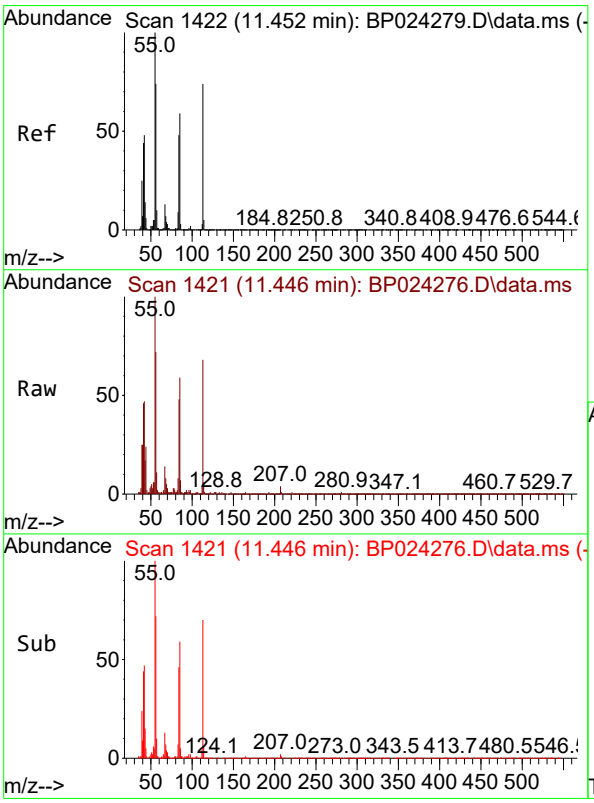
#34
Hexachlorobutadiene
Concen: 4.926 ng
RT: 10.846 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 42723

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.5	74.3
227	61.5	50.9	76.3

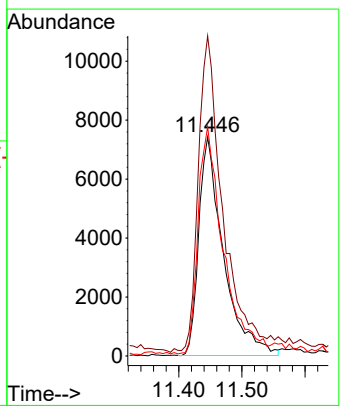


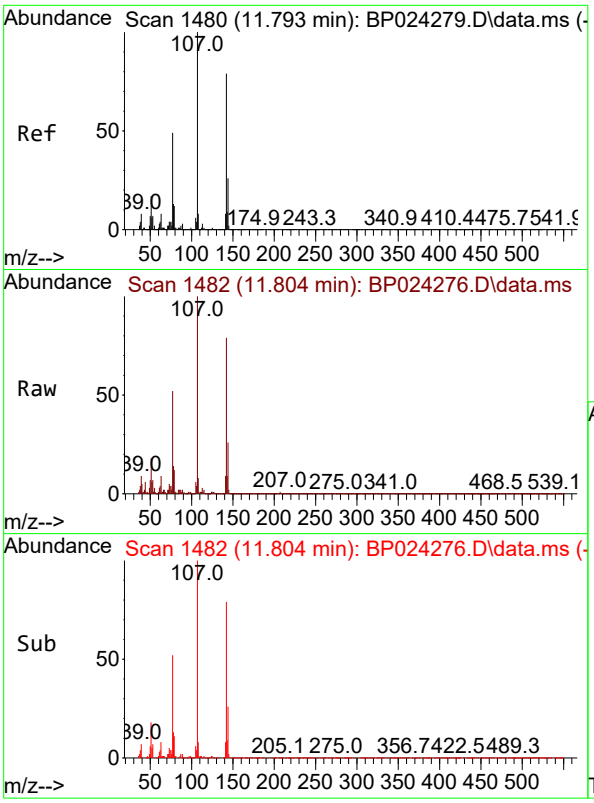


#35
Caprolactam
Concen: 4.002 ng
RT: 11.446 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:113 Resp: 20082

Ion	Ratio	Lower	Upper
113	100		
55	146.2	115.9	155.9
56	104.7	81.1	121.1



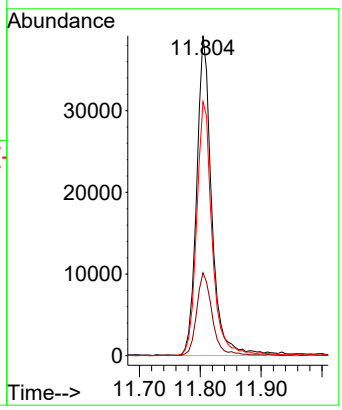


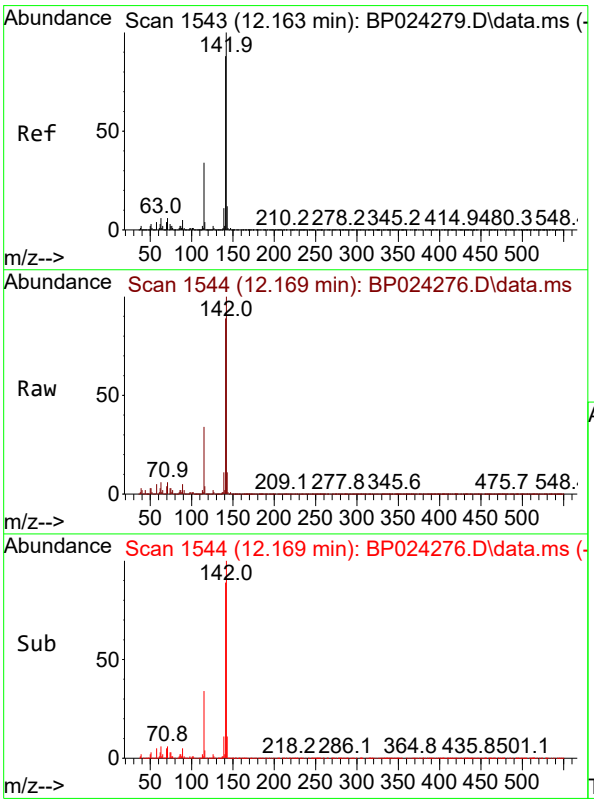
#36
4-Chloro-3-methylphenol
Concen: 4.214 ng
RT: 11.804 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 67116

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	79.3	63.4	95.2

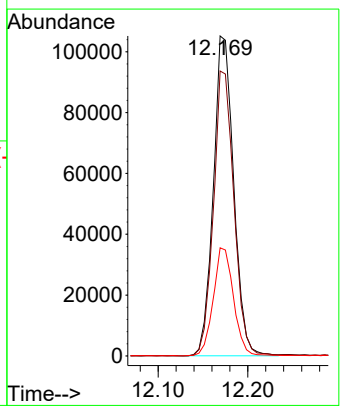


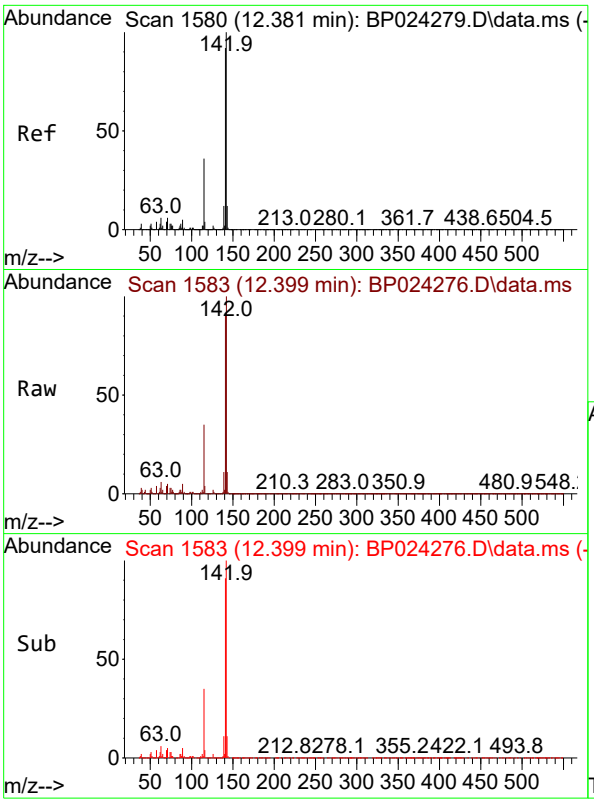


#37
2-Methylnaphthalene
Concen: 4.770 ng
RT: 12.169 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:142 Resp: 165617

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	33.8	26.9	40.3



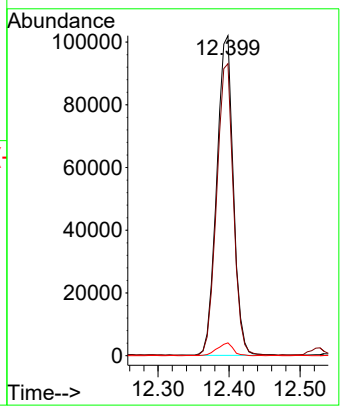


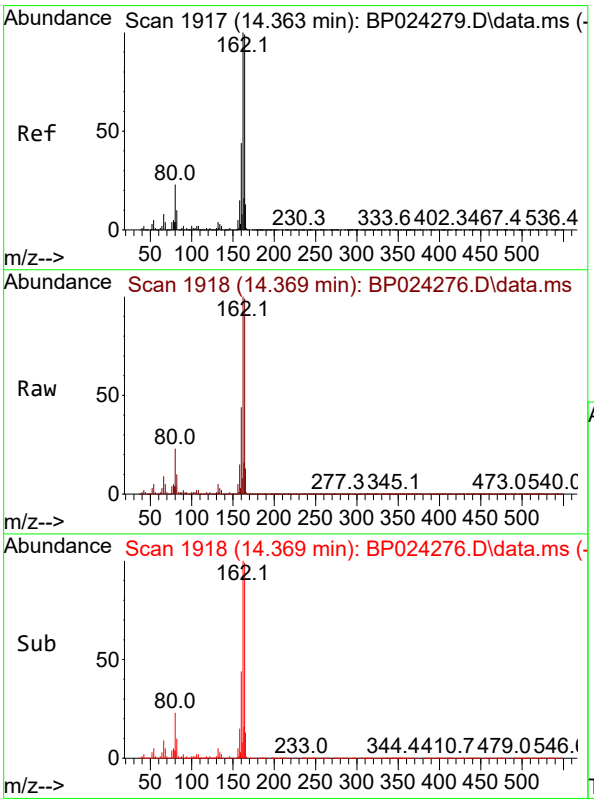
#38
1-Methylnaphthalene
Concen: 4.870 ng
RT: 12.399 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 165656

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.6	110.4
116	4.0	3.0	4.6

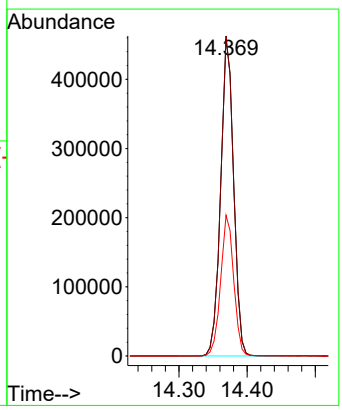


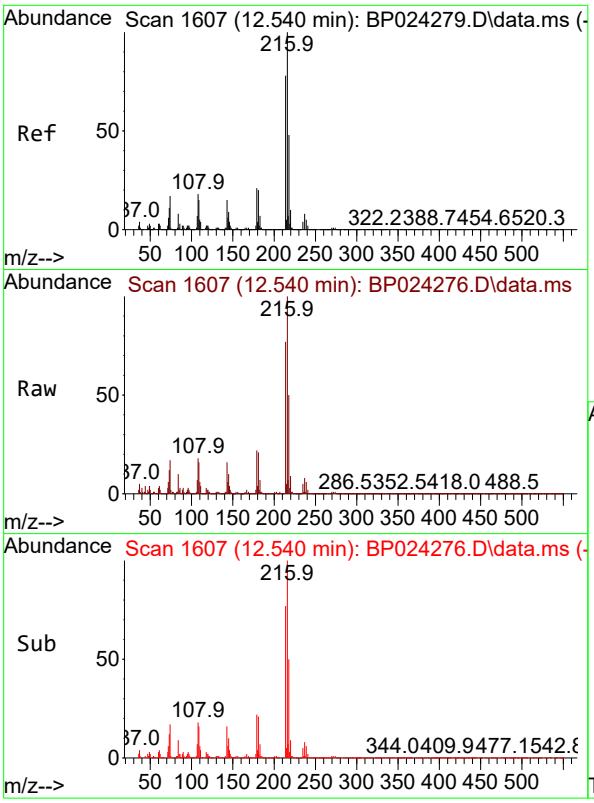


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:164 Resp: 609743

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.4	35.3	52.9



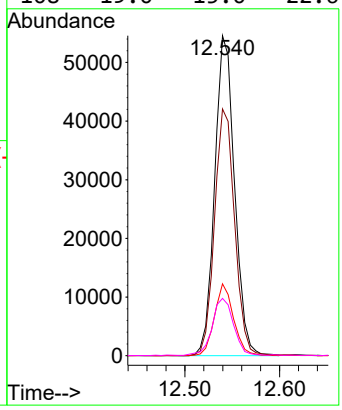


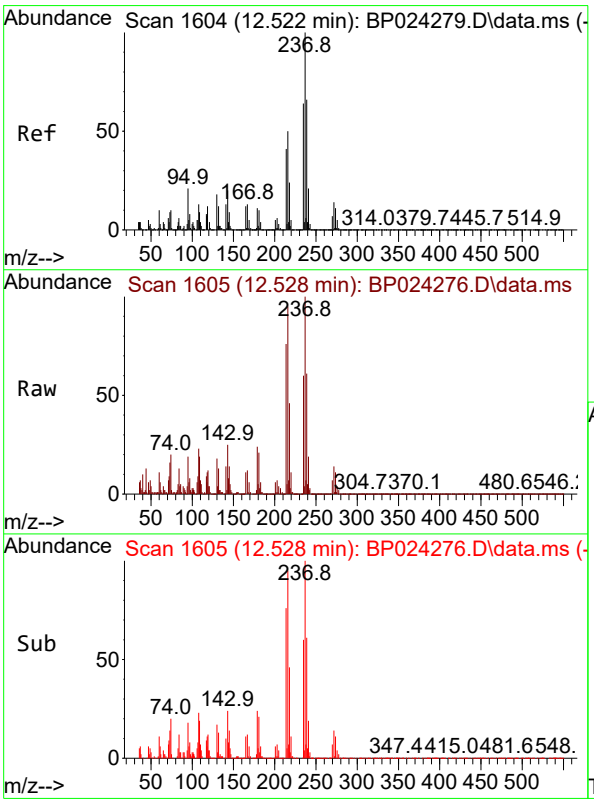
#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.744 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:216 Resp: 79501

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.6	93.8
179	21.7	17.2	25.8
108	19.0	15.0	22.6

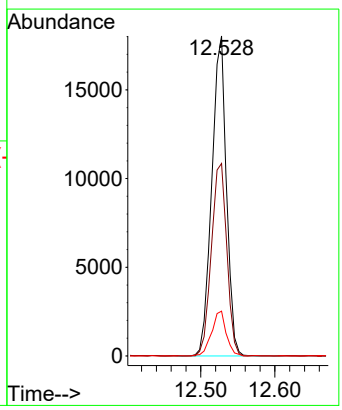


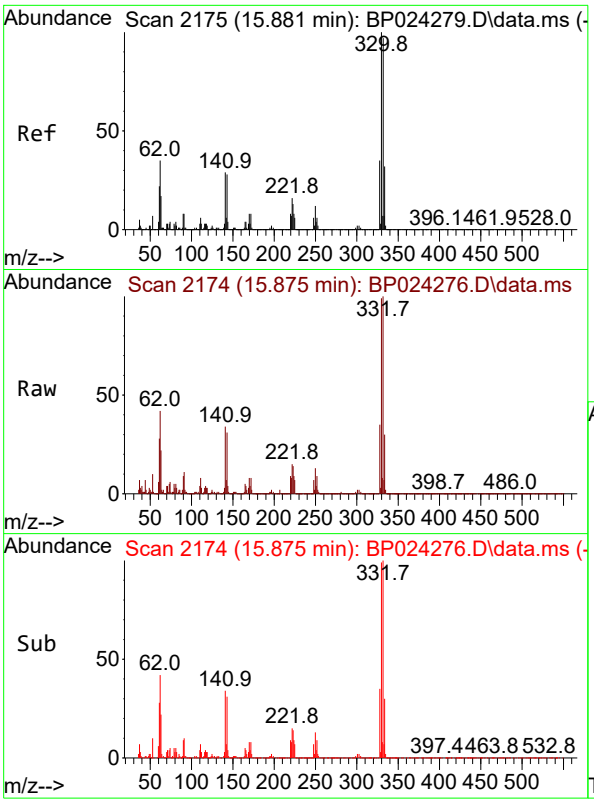


#41
Hexachlorocyclopentadiene
Concen: 4.198 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:237 Resp: 24696

Ion	Ratio	Lower	Upper
237	100		
235	60.2	43.9	83.9
272	14.0	0.0	33.6



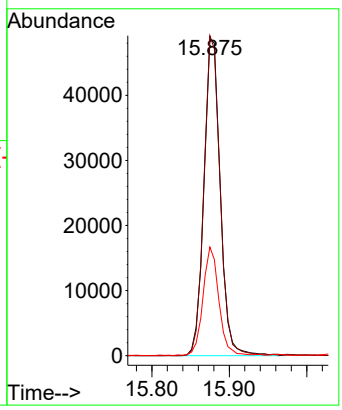


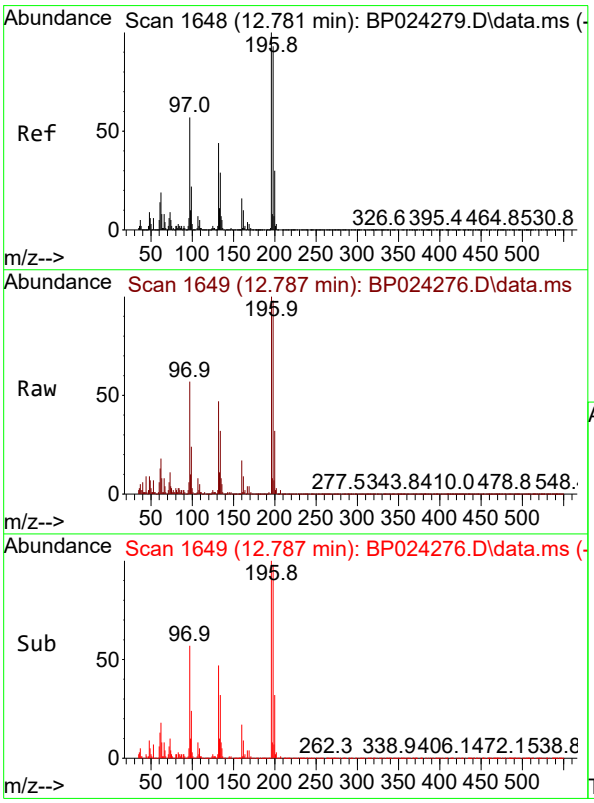
#42
2,4,6-Tribromophenol
Concen: 8.571 ng
RT: 15.875 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 71560

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.1	115.7
141	33.2	24.7	37.1

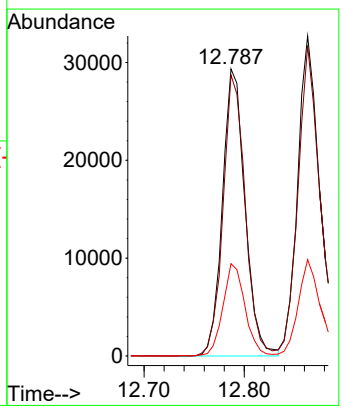


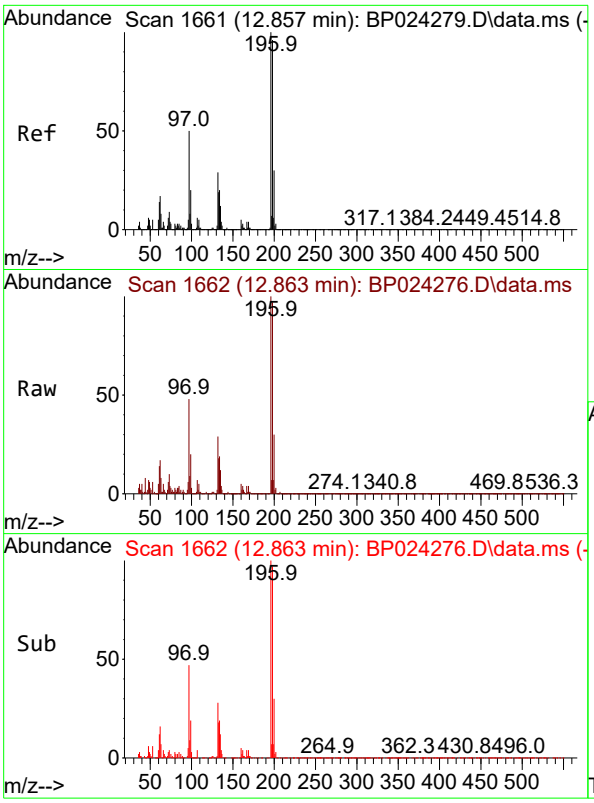


#43
2,4,6-Trichlorophenol
Concen: 4.165 ng
RT: 12.787 min Scan# 1649
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:196 Resp: 45925

Ion	Ratio	Lower	Upper
196	100		
198	97.9	74.3	111.5
200	32.2	24.0	36.0



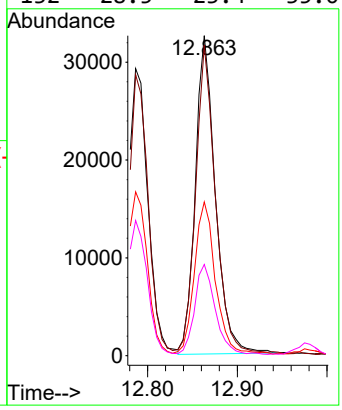


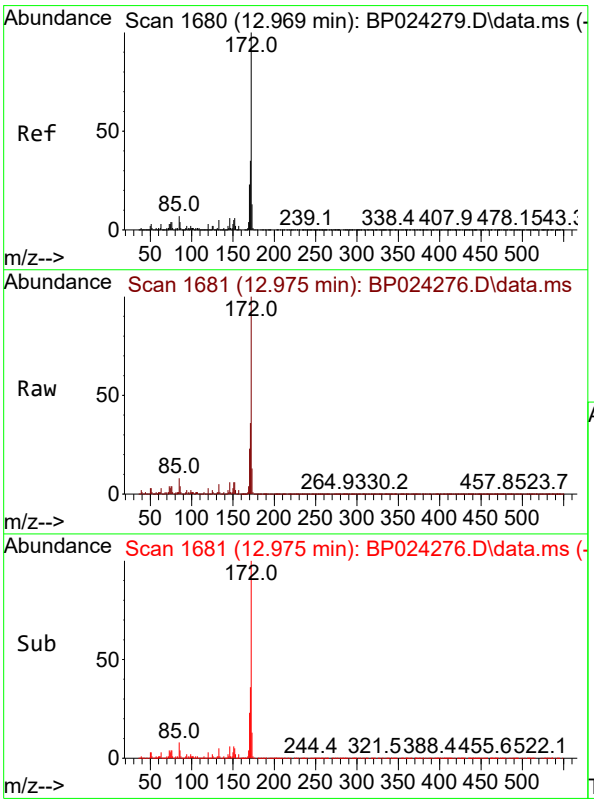
#44
2,4,5-Trichlorophenol
Concen: 4.147 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 50675

Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.3	115.9
97	48.1	40.4	60.6
132	28.5	23.4	35.0

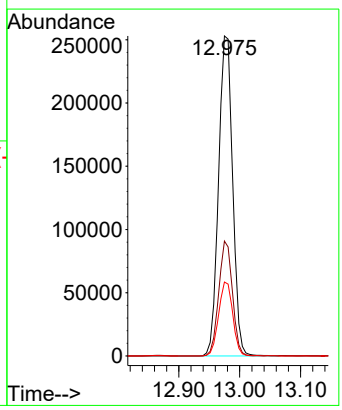


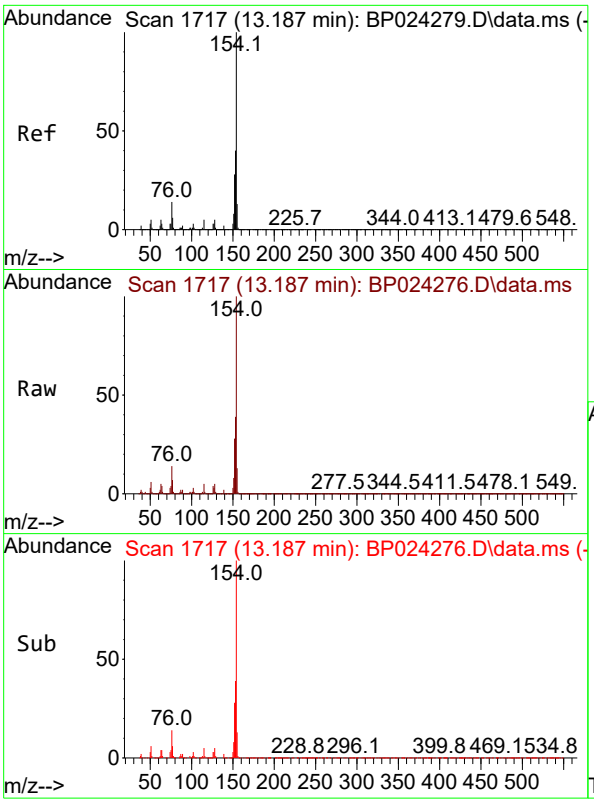


#45
2-Fluorobiphenyl
Concen: 10.111 ng
RT: 12.975 min Scan# 1681
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:172 Resp: 406060

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	23.1	18.6	27.8



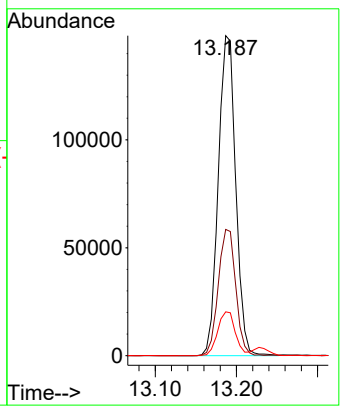


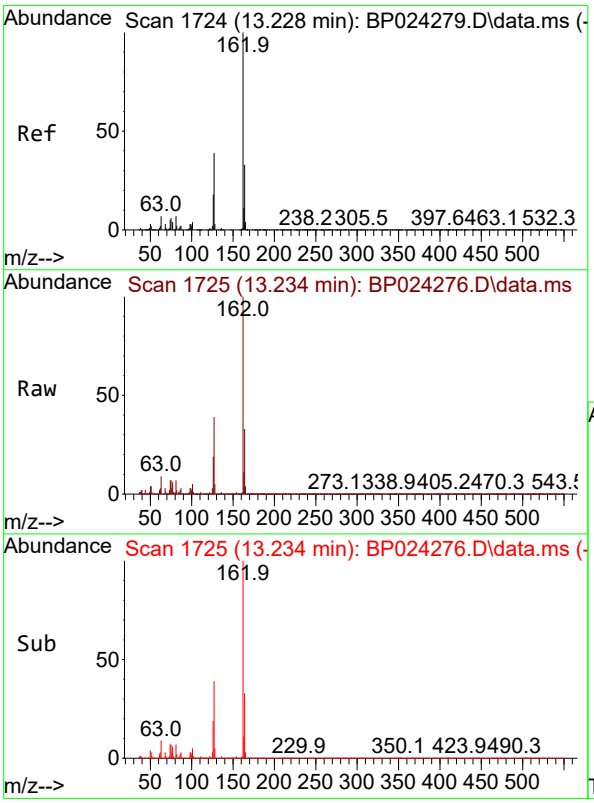
#46
1,1'-Biphenyl
Concen: 4.922 ng
RT: 13.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 221653

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.3	60.3
76	13.7	0.0	33.5

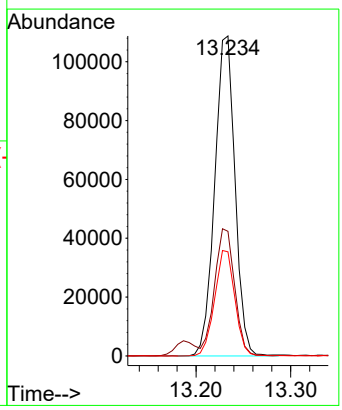


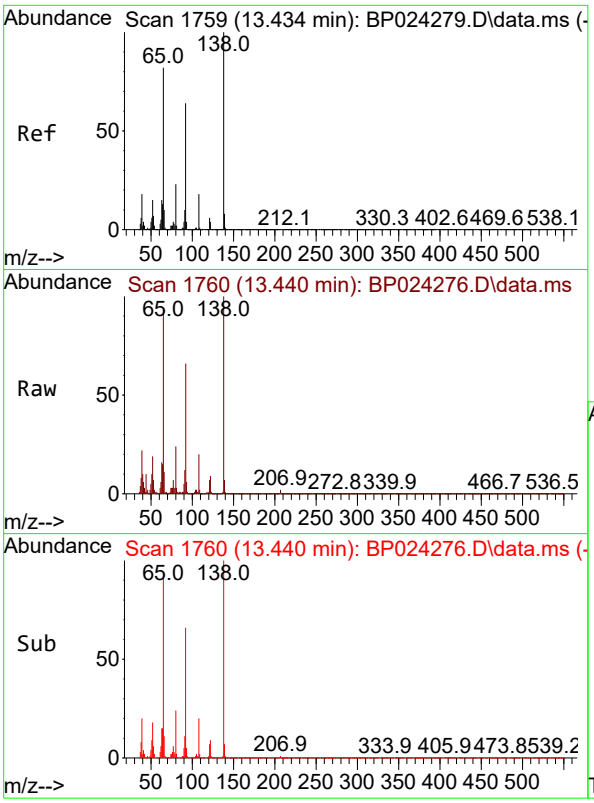


#47
2-Chloronaphthalene
Concen: 4.824 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:162 Resp: 162099

Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.9	47.9
164	32.5	26.2	39.4



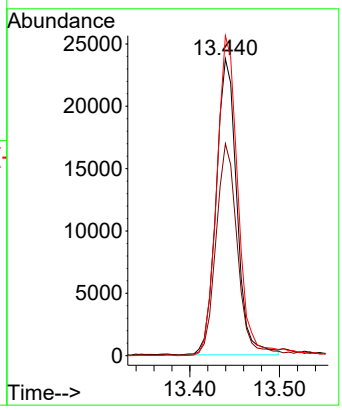


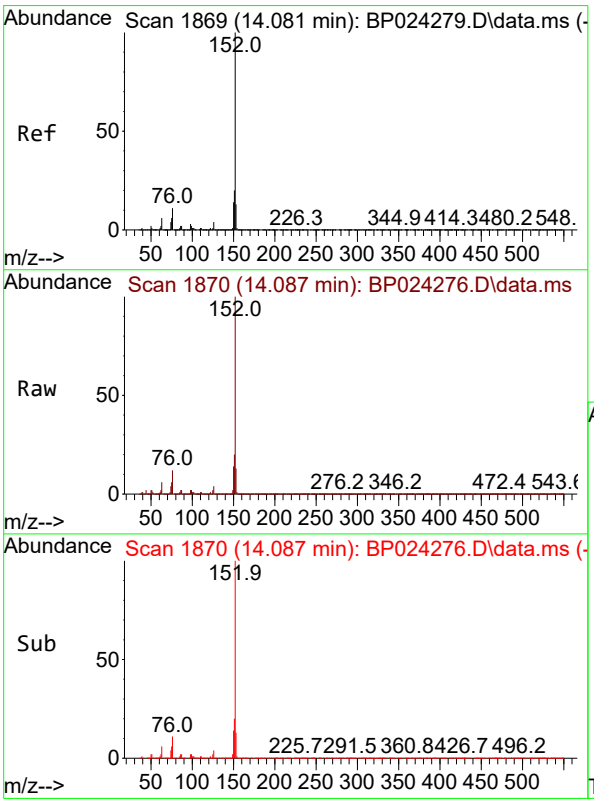
#48
2-Nitroaniline
Concen: 4.111 ng
RT: 13.440 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 38152

Ion	Ratio	Lower	Upper
65	100		
92	71.5	62.3	93.5
138	107.8	97.2	145.8

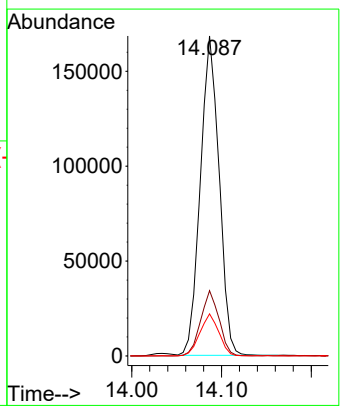


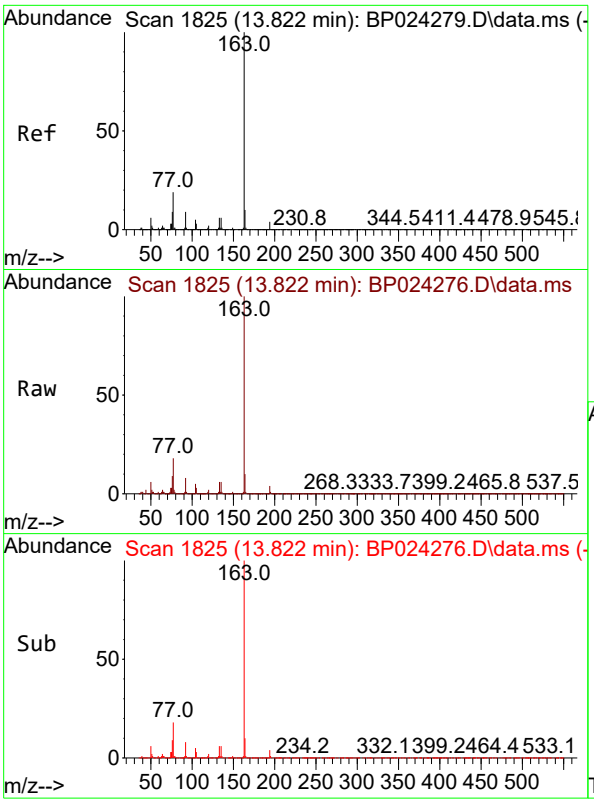


#49
Acenaphthylene
Concen: 4.637 ng
RT: 14.087 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:152 Resp: 244566

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.2	10.6	15.8



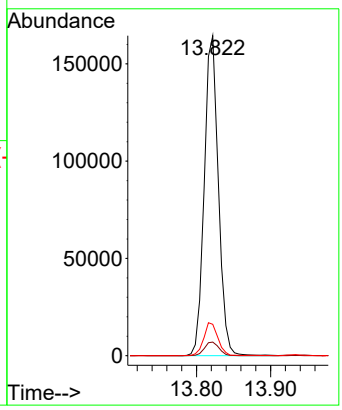


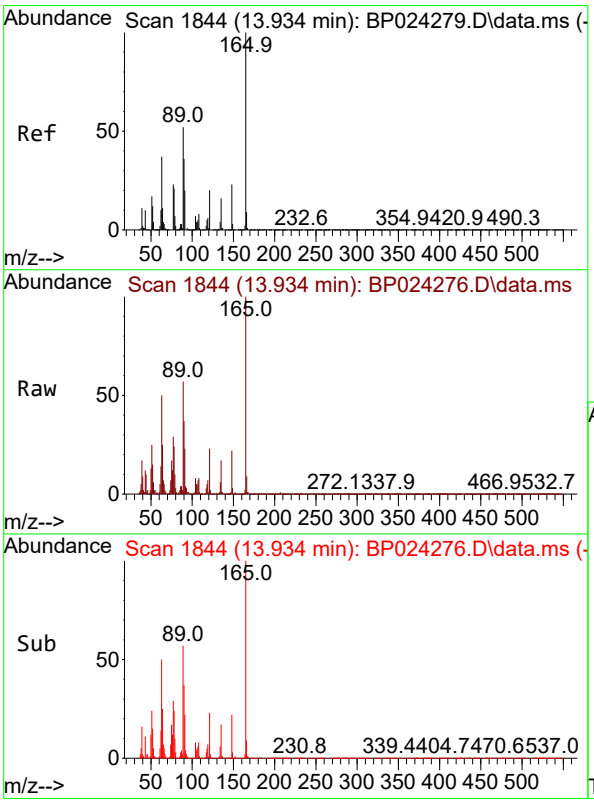
#50
Dimethylphthalate
Concen: 4.897 ng
RT: 13.822 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 217848

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.0	12.0

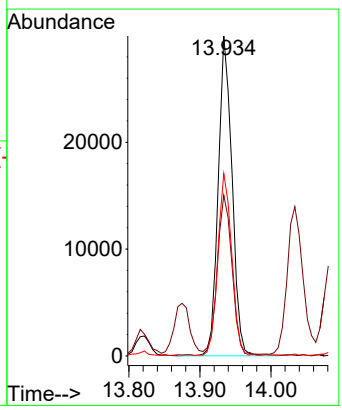


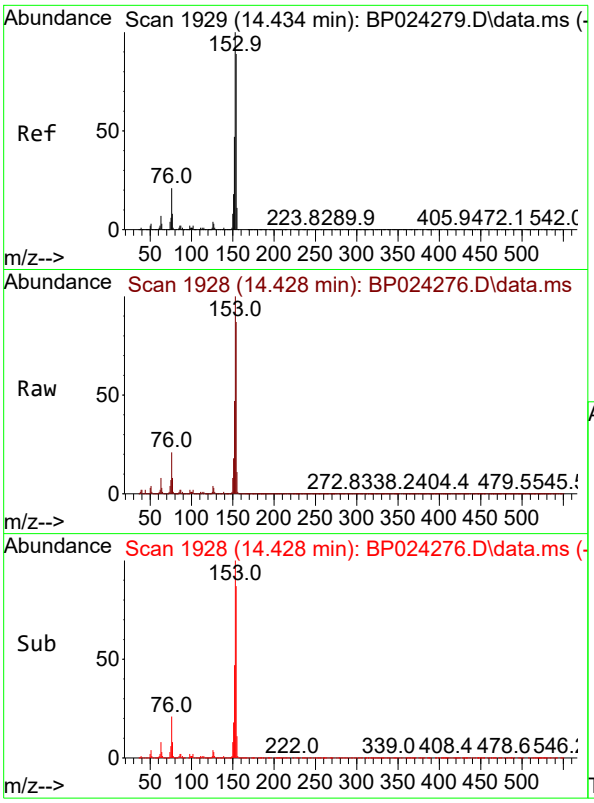


#51
2,6-Dinitrotoluene
Concen: 4.287 ng
RT: 13.934 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:165 Resp: 40182

Ion	Ratio	Lower	Upper
165	100		
63	50.3	38.0	57.0
89	57.0	41.7	62.5



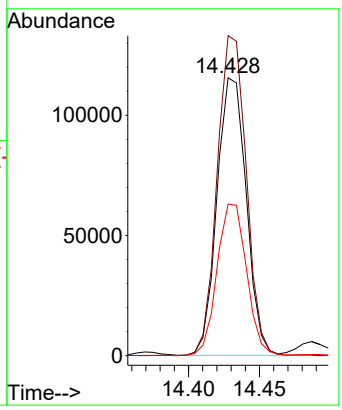


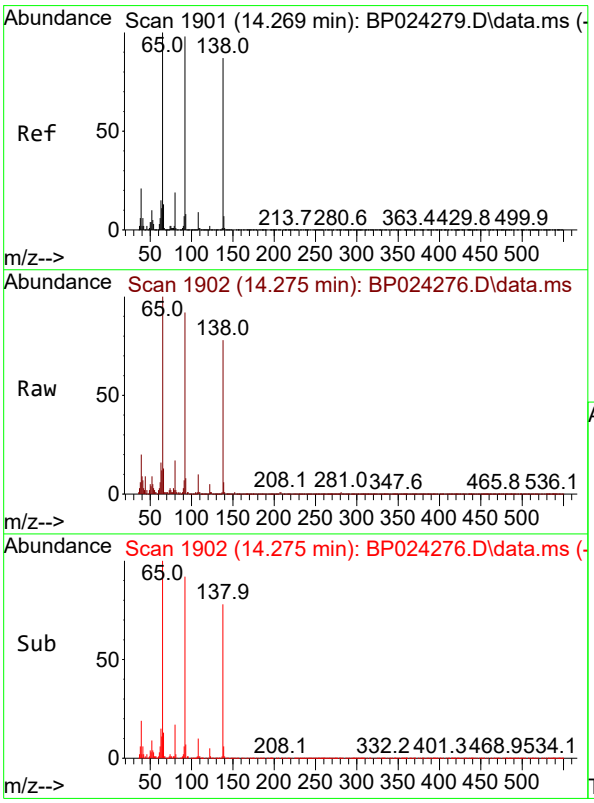
#52
Acenaphthene
Concen: 4.940 ng
RT: 14.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 165694

Ion	Ratio	Lower	Upper
154	100		
153	115.2	89.8	134.6
152	54.6	42.6	63.8

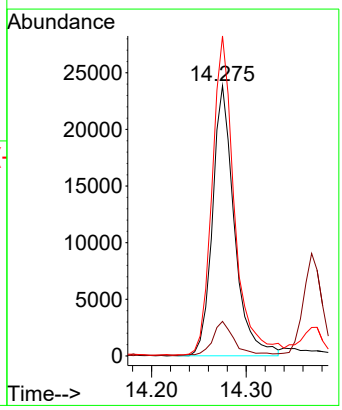


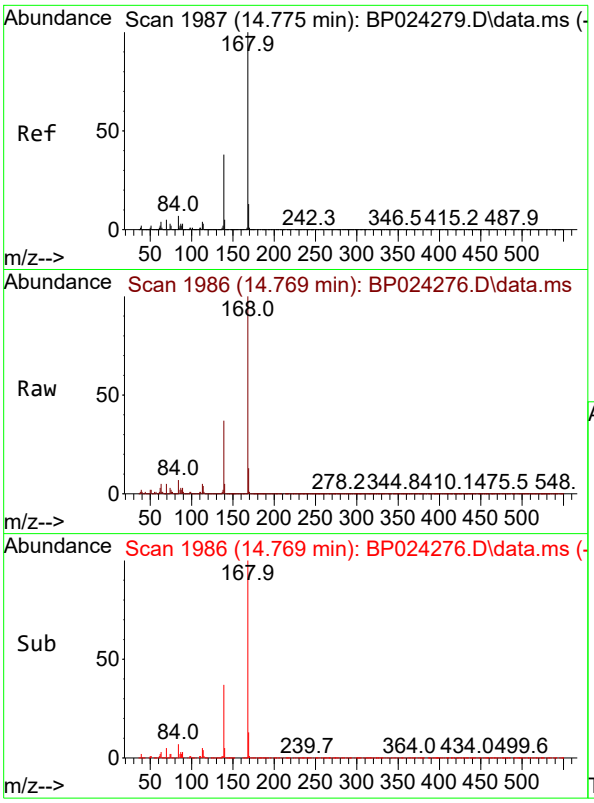


#53
3-Nitroaniline
Concen: 3.926 ng
RT: 14.275 min Scan# 1902
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:138 Resp: 38178

Ion	Ratio	Lower	Upper
138	100		
108	12.8	8.3	12.5#
92	118.4	89.8	134.8



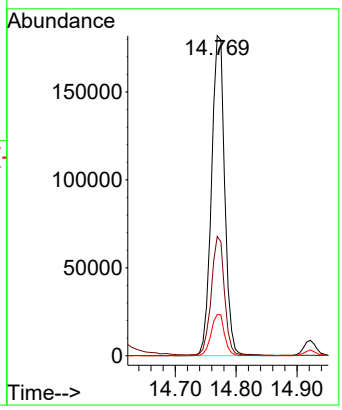


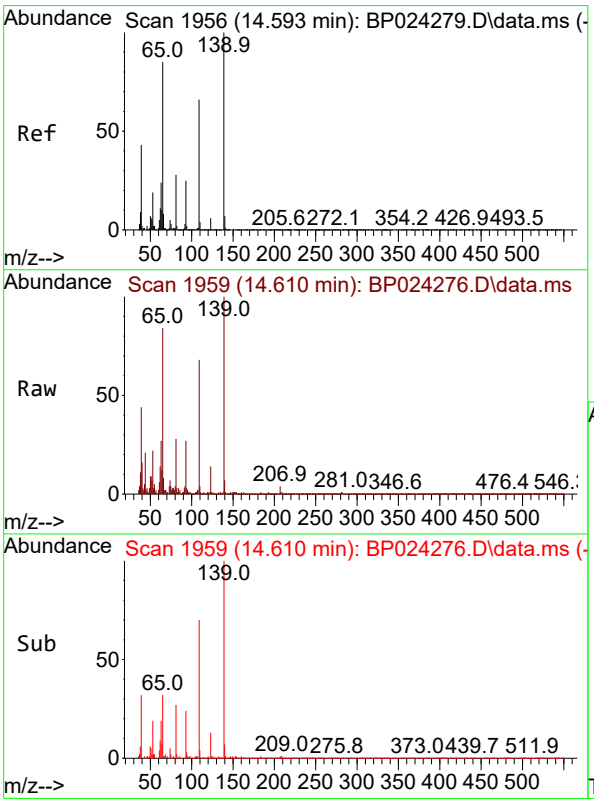
#55
Dibenzofuran
Concen: 4.991 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 274506

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.3	45.5
169	12.9	10.6	16.0

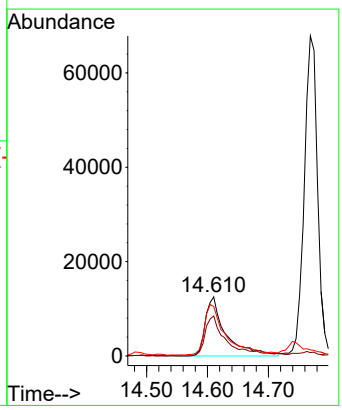


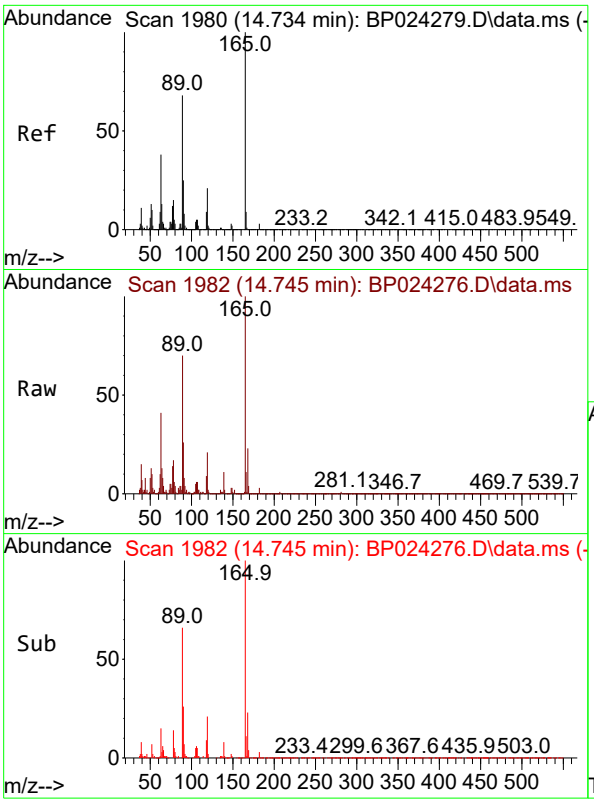


#56
4-Nitrophenol
Concen: 3.473 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.018 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:139 Resp: 29033

Ion	Ratio	Lower	Upper
139	100		
109	67.8	46.1	86.1
65	83.9	65.0	105.0



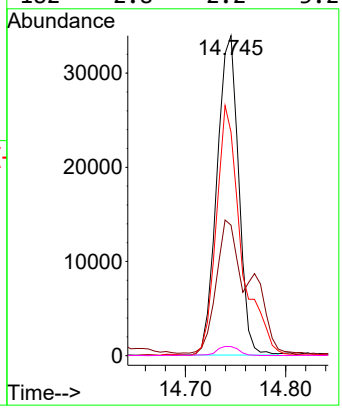


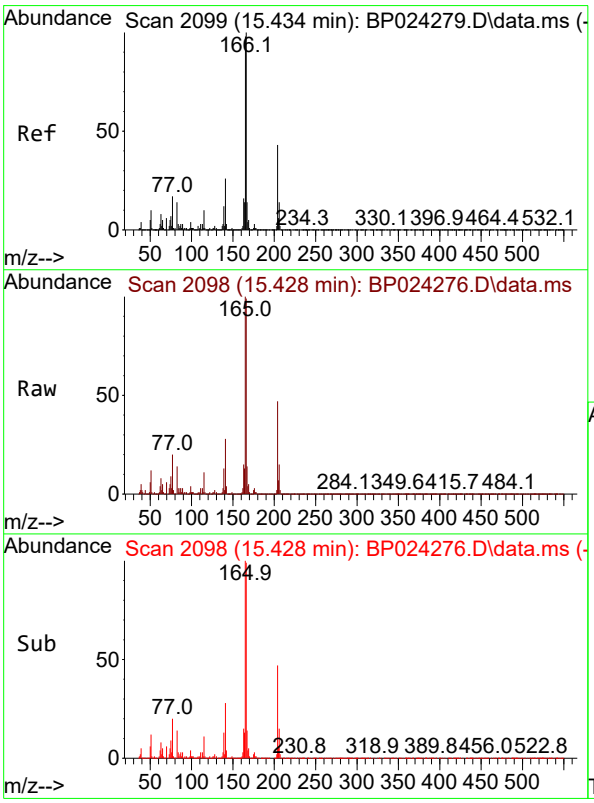
#57
2,4-Dinitrotoluene
Concen: 4.013 ng
RT: 14.745 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 50843

Ion	Ratio	Lower	Upper
165	100		
63	40.8	30.4	45.6
89	69.9	54.6	82.0
182	2.8	2.2	3.2

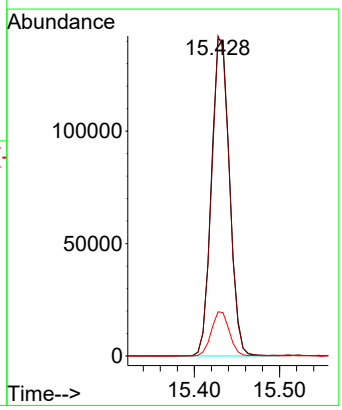


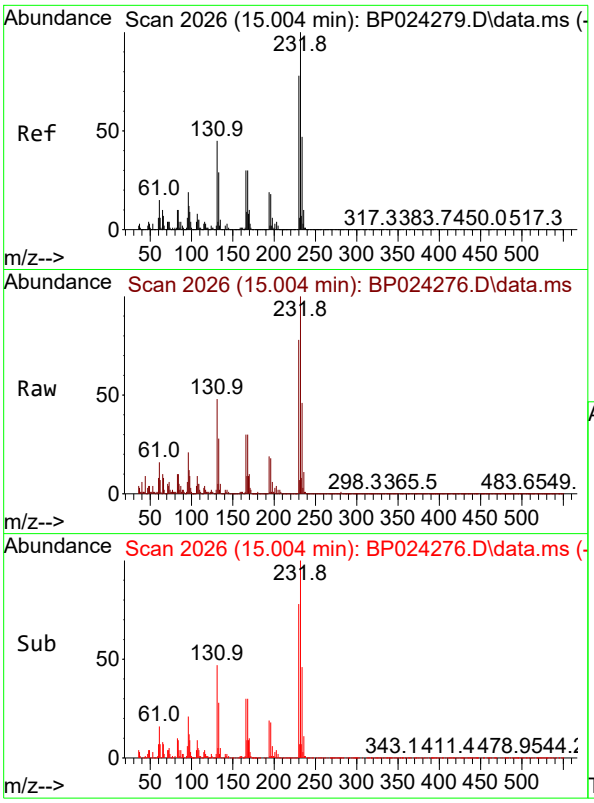


#58
Fluorene
Concen: 4.939 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:166 Resp: 209763

Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.1	117.1
167	13.9	10.9	16.3



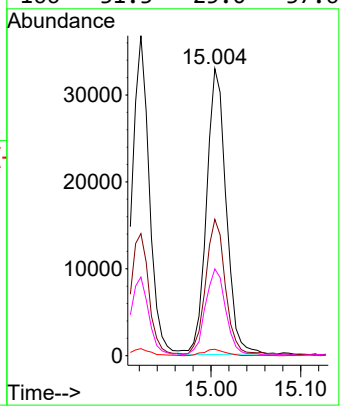


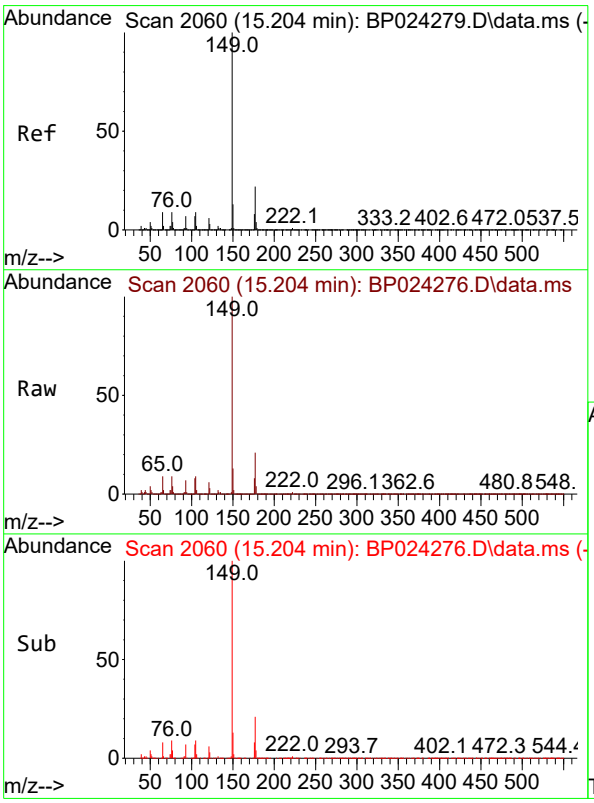
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.415 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 49911

Ion	Ratio	Lower	Upper
232	100		
131	48.4	36.8	55.2
130	2.5	1.9	2.9
166	31.3	25.0	37.6

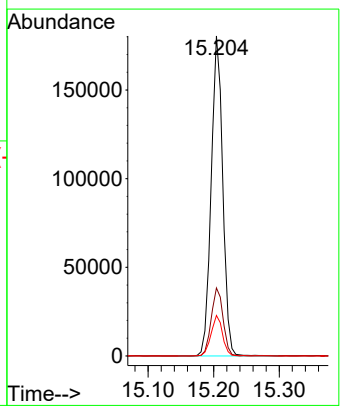


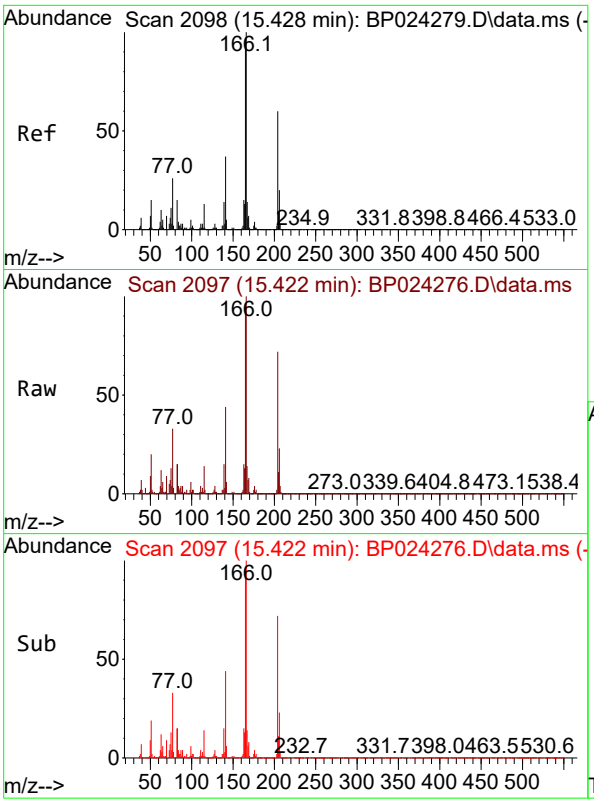


#60
Diethylphthalate
Concen: 4.830 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:149 Resp: 221119

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.7	10.1	15.1



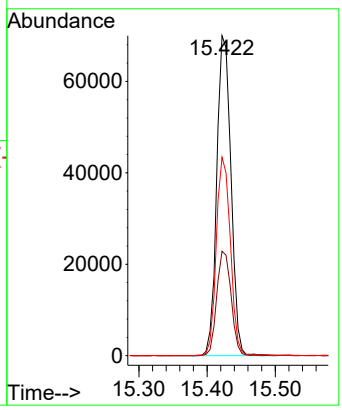


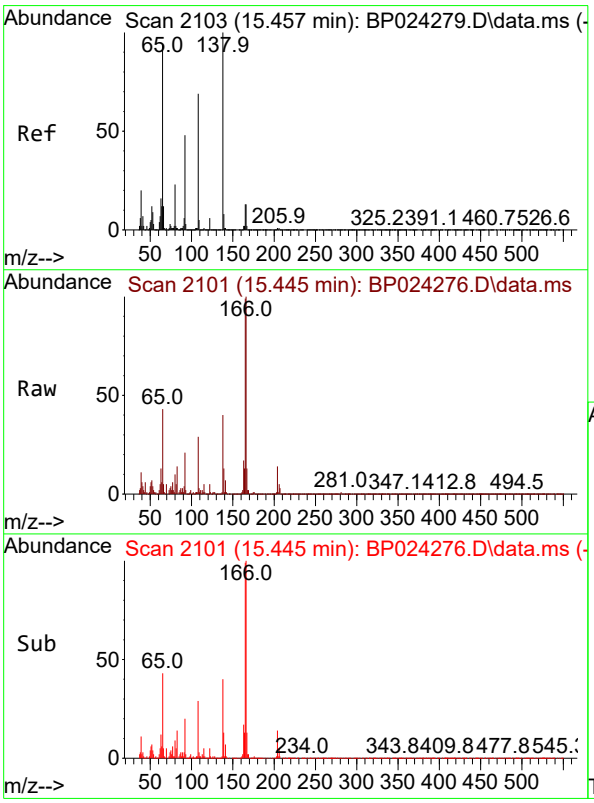
#61
4-Chlorophenyl-phenylether
Concen: 4.928 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 101636

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	62.0	49.4	74.0

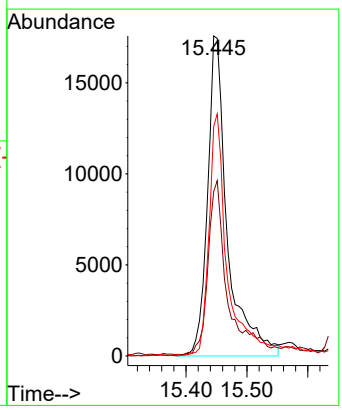


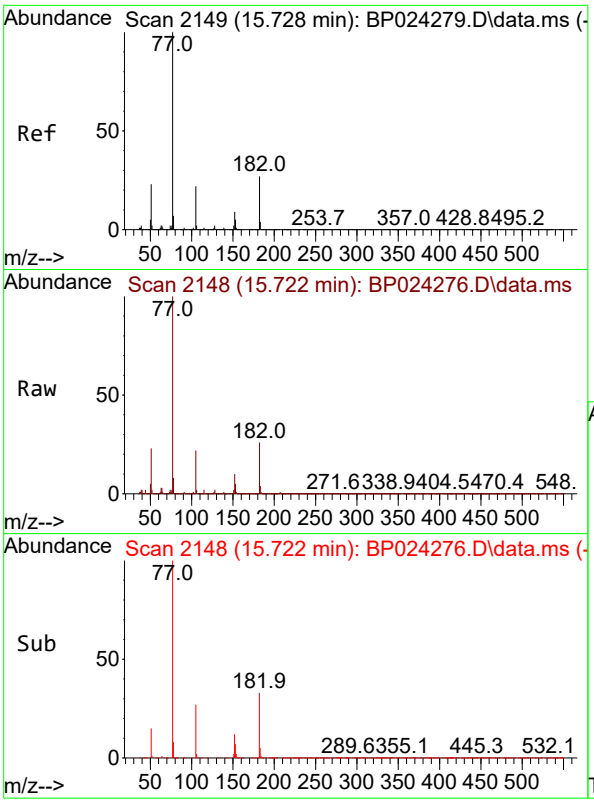


#62
4-Nitroaniline
Concen: 3.893 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:138 Resp: 40139

Ion	Ratio	Lower	Upper
138	100		
92	51.4	27.8	67.8
108	71.8	48.9	88.9



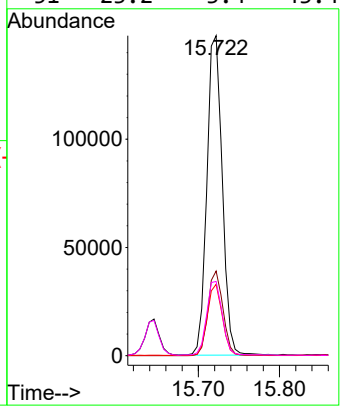


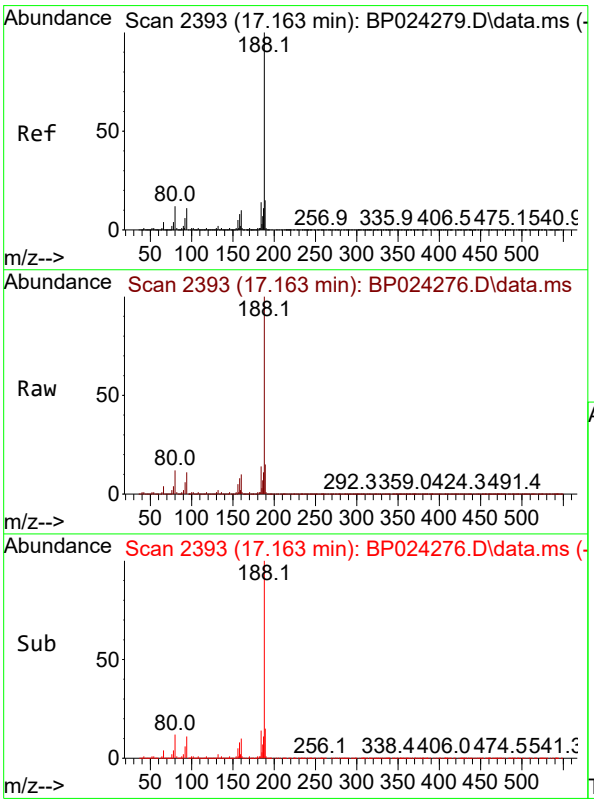
#63
Azobenzene
Concen: 4.586 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 193402

Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.3	47.3
105	22.3	2.3	42.3
51	23.2	3.4	43.4

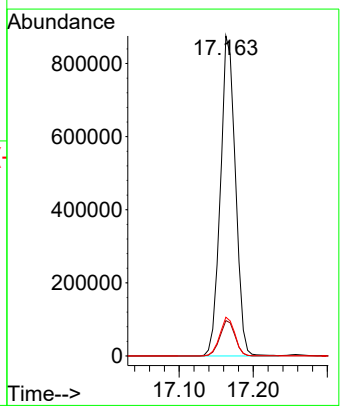


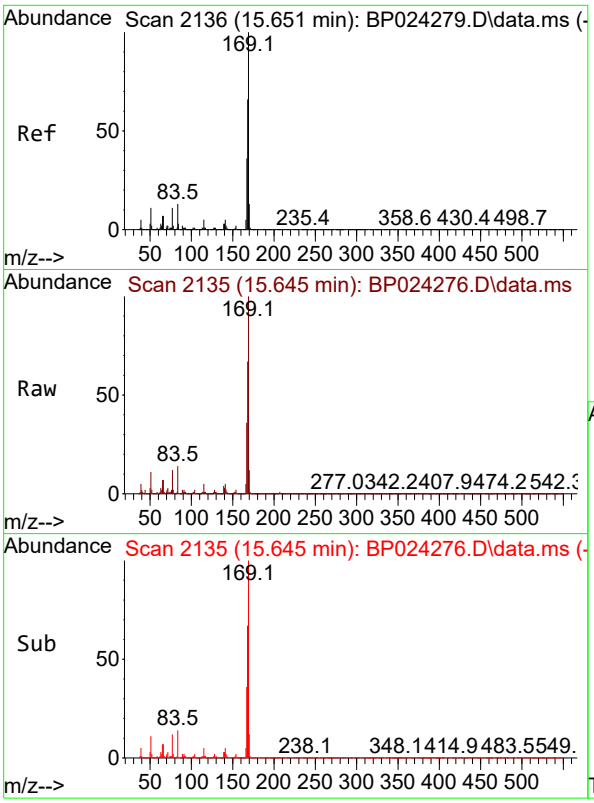


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:188 Resp: 1234074

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.6	13.0
80	12.1	9.8	14.6



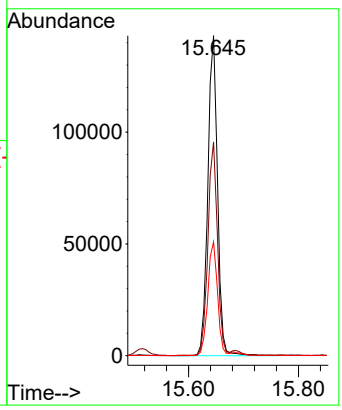


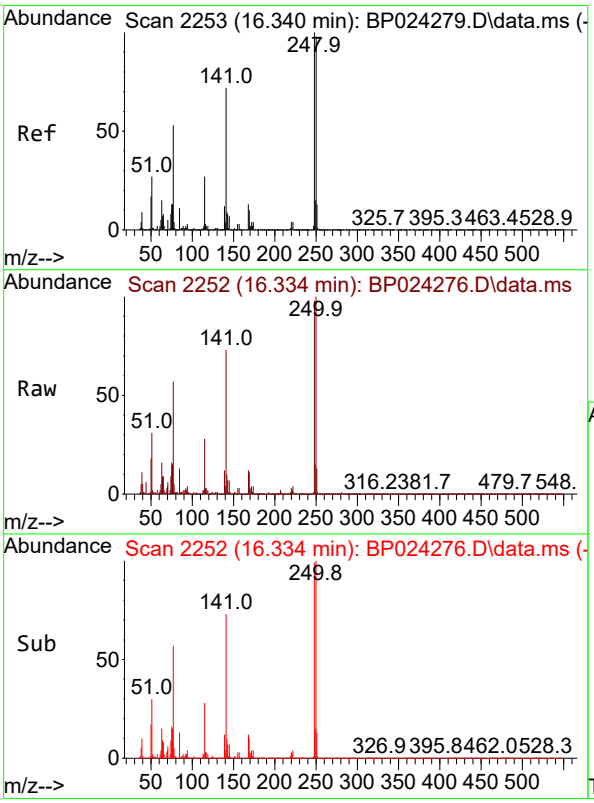
#66
n-Nitrosodiphenylamine
Concen: 4.726 ng
RT: 15.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:169 Resp: 174867

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.0	79.4
167	35.6	28.9	43.3

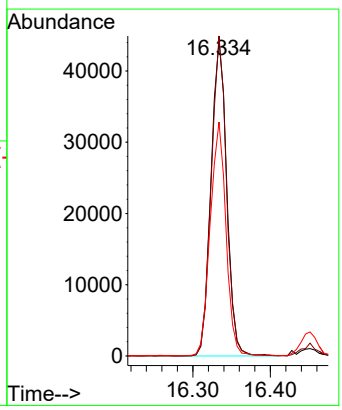


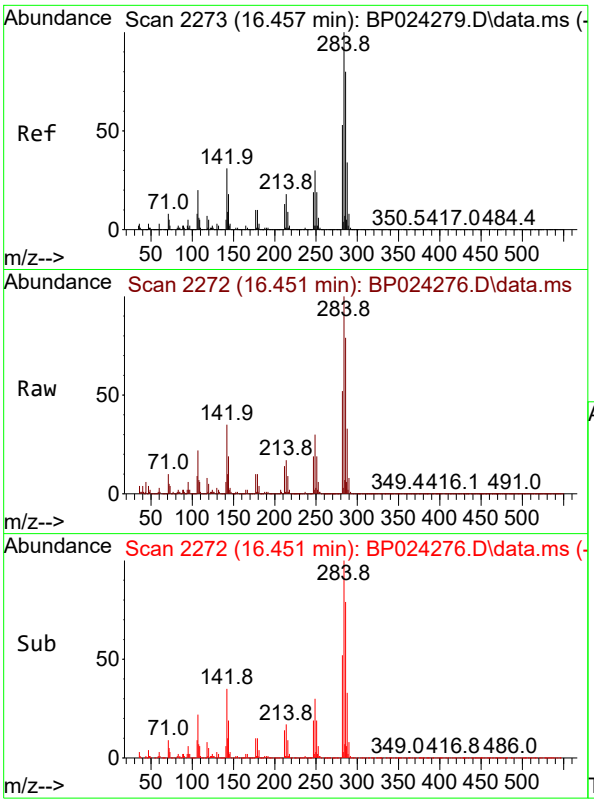


#67
4-Bromophenyl-phenylether
Concen: 4.647 ng
RT: 16.334 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:248 Resp: 62558

Ion	Ratio	Lower	Upper
248	100		
250	101.6	78.2	117.4
141	74.2	57.7	86.5



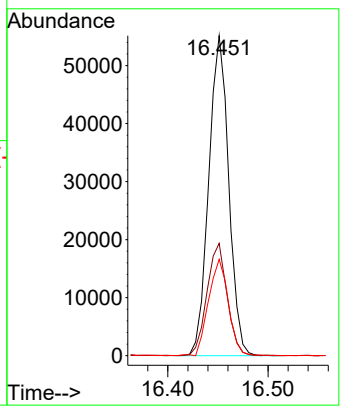


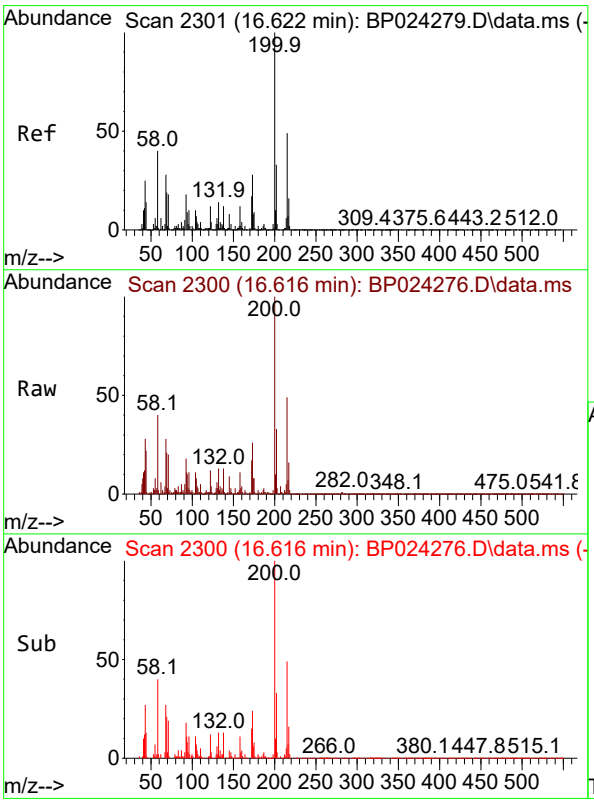
#68
Hexachlorobenzene
Concen: 4.766 ng
RT: 16.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 76267

Ion	Ratio	Lower	Upper
284	100		
142	35.1	24.6	37.0
249	30.1	23.8	35.6

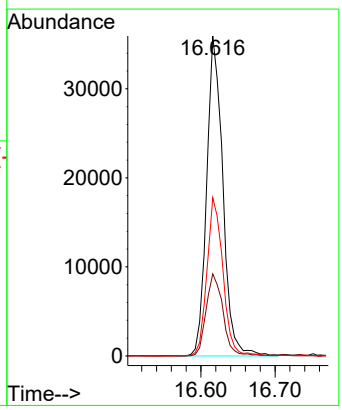


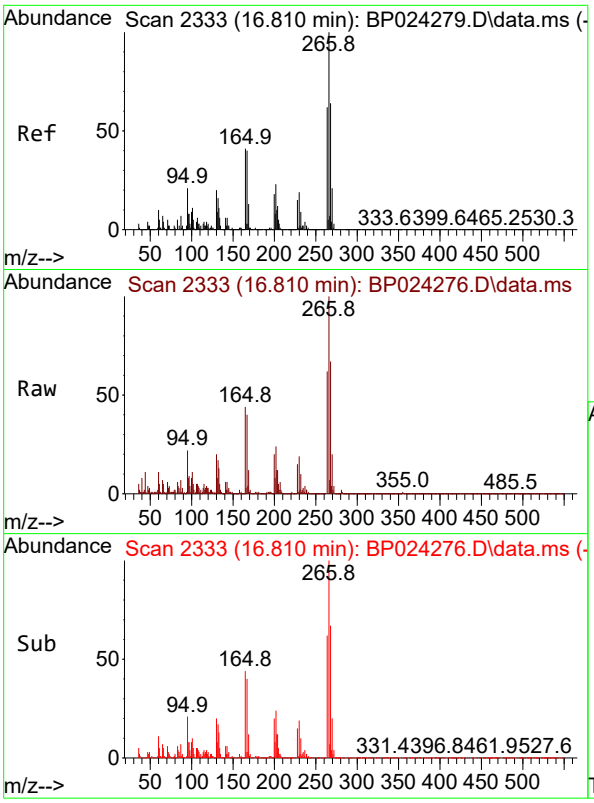


#69
Atrazine
Concen: 5.803 ng
RT: 16.616 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:200 Resp: 54439

Ion	Ratio	Lower	Upper
200	100		
173	25.6	7.5	47.5
215	49.4	28.8	68.8



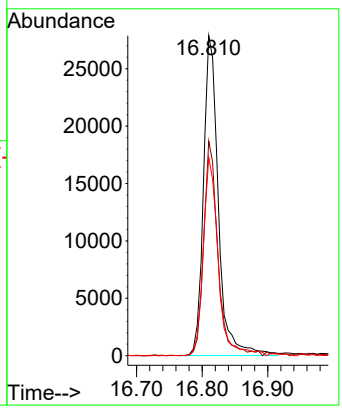


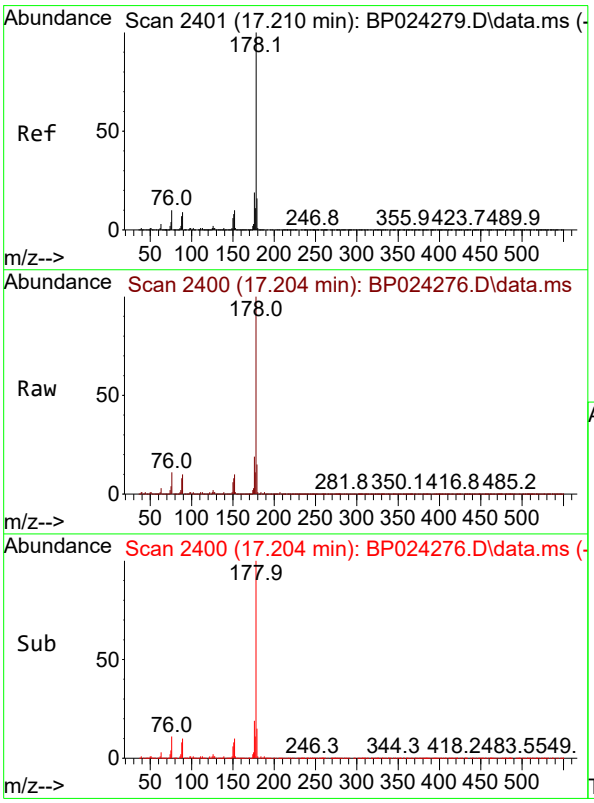
#70
Pentachlorophenol
Concen: 4.015 ng
RT: 16.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 44119

Ion	Ratio	Lower	Upper
266	100		
268	67.1	51.0	76.6
264	61.9	49.8	74.6

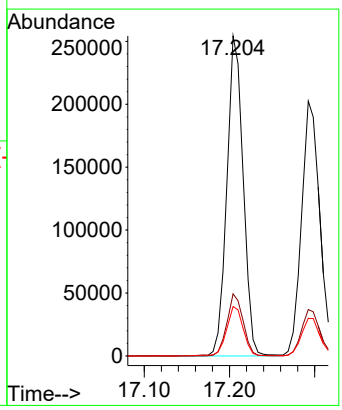


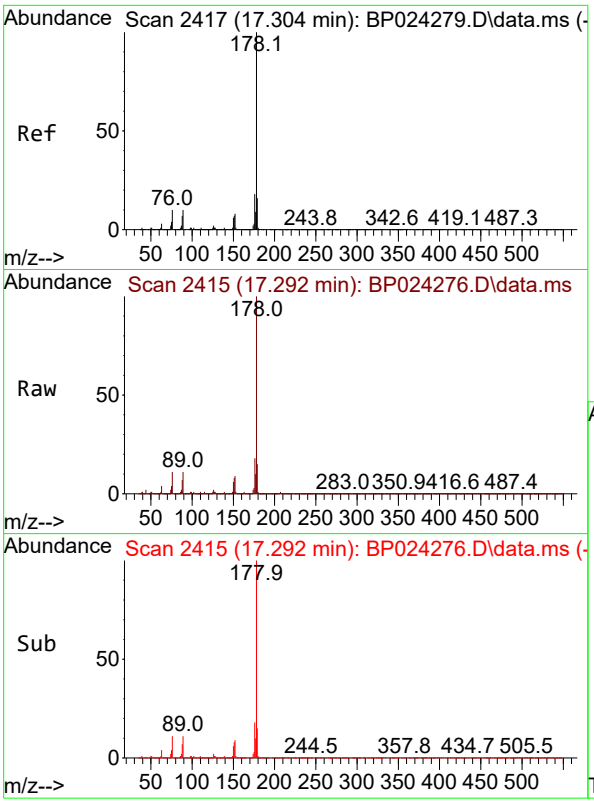


#71
Phenanthrene
Concen: 5.005 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:178 Resp: 338611

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.5	12.5	18.7



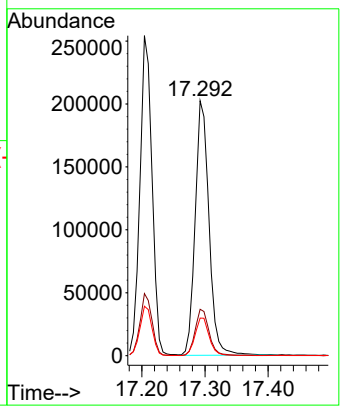


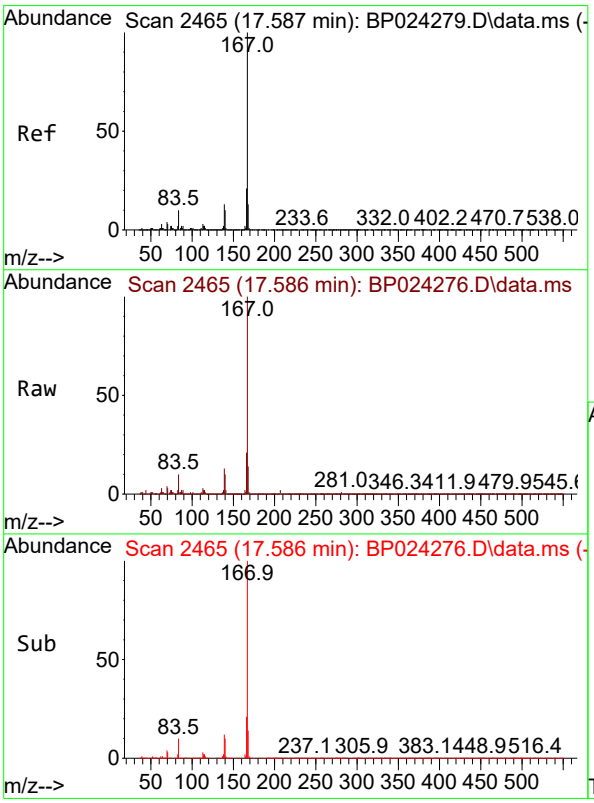
#72
Anthracene
Concen: 4.716 ng
RT: 17.292 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 307065

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	14.8	12.4	18.6

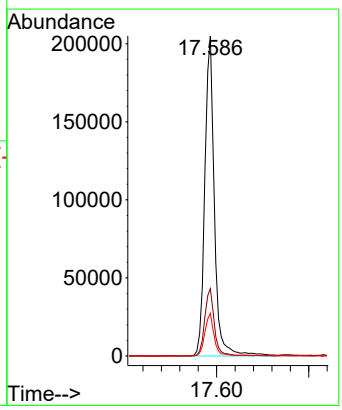


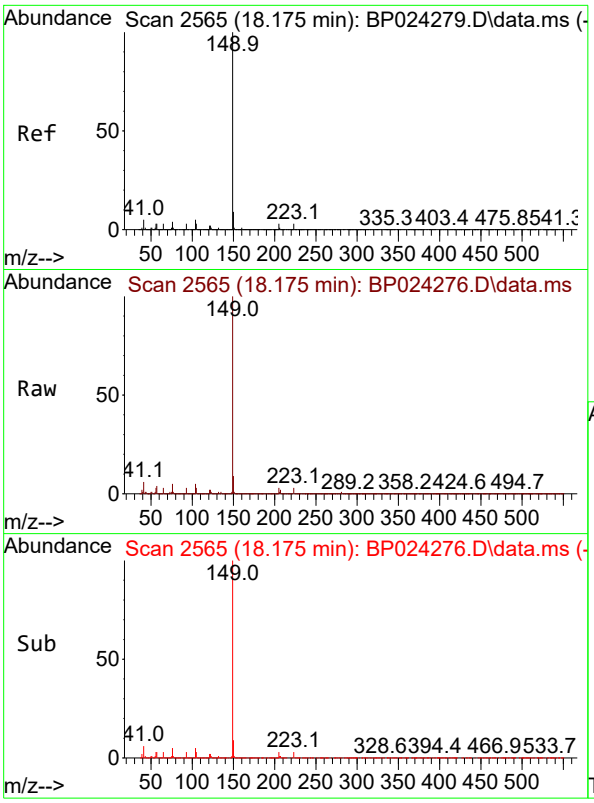


#73
Carbazole
Concen: 4.711 ng
RT: 17.586 min Scan# 2465
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:167 Resp: 298495

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	13.3	10.6	16.0



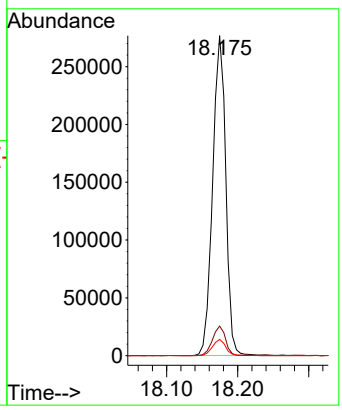


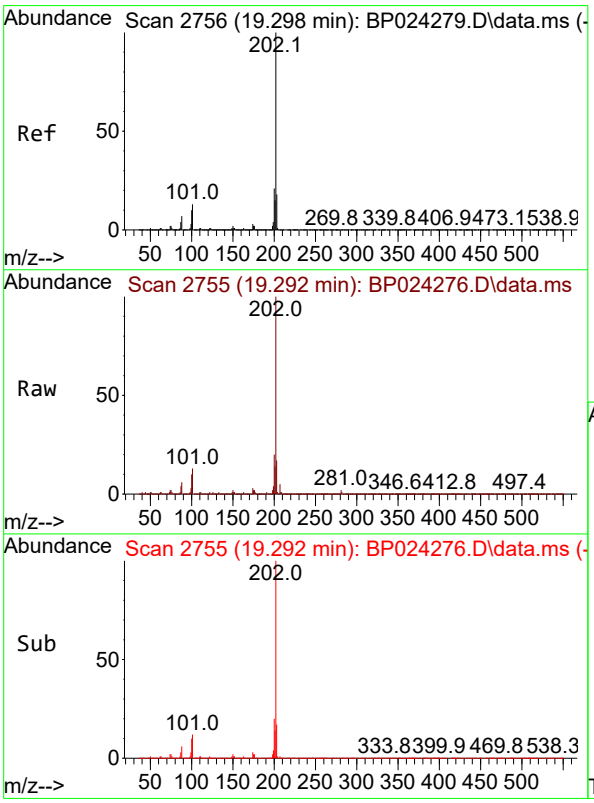
#74
Di-n-butylphthalate
Concen: 4.484 ng
RT: 18.175 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 354008

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.1	3.9	5.9

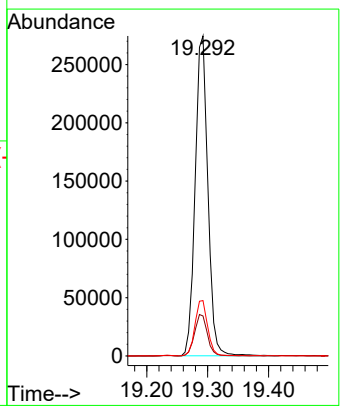


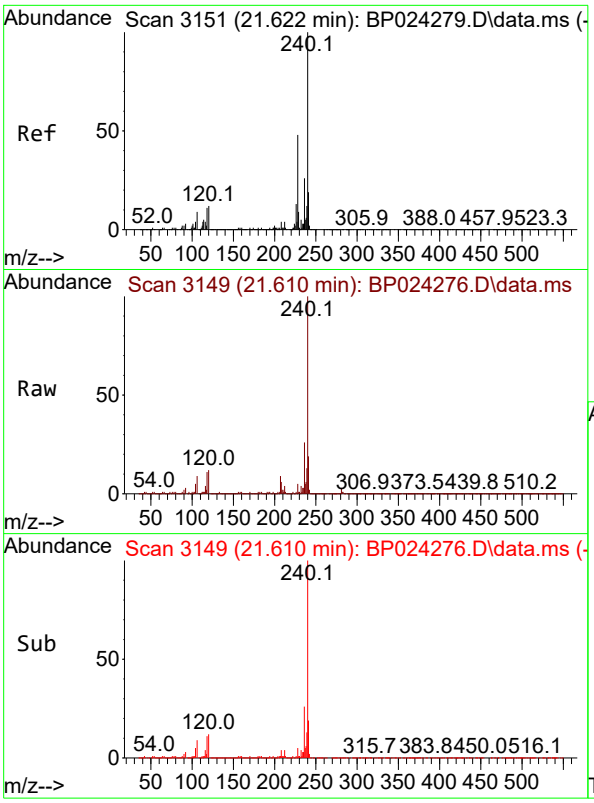


#75
Fluoranthene
Concen: 4.951 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:202 Resp: 397601

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.3	0.0	37.7



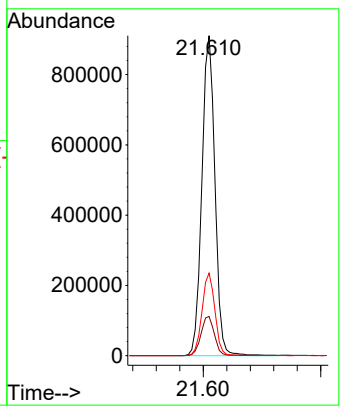


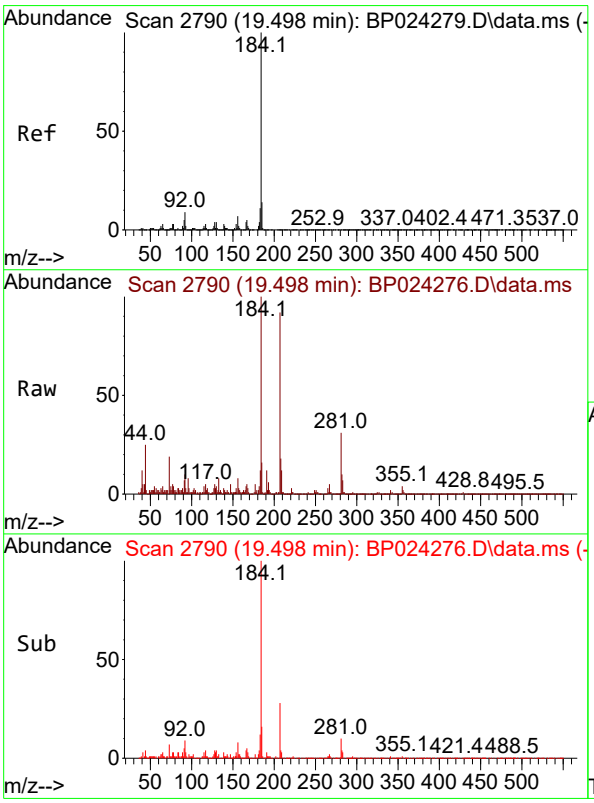
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 1401979

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.8	14.8
236	25.8	20.9	31.3

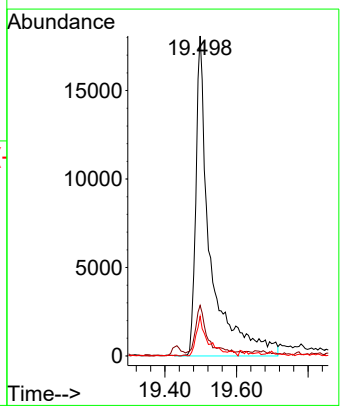


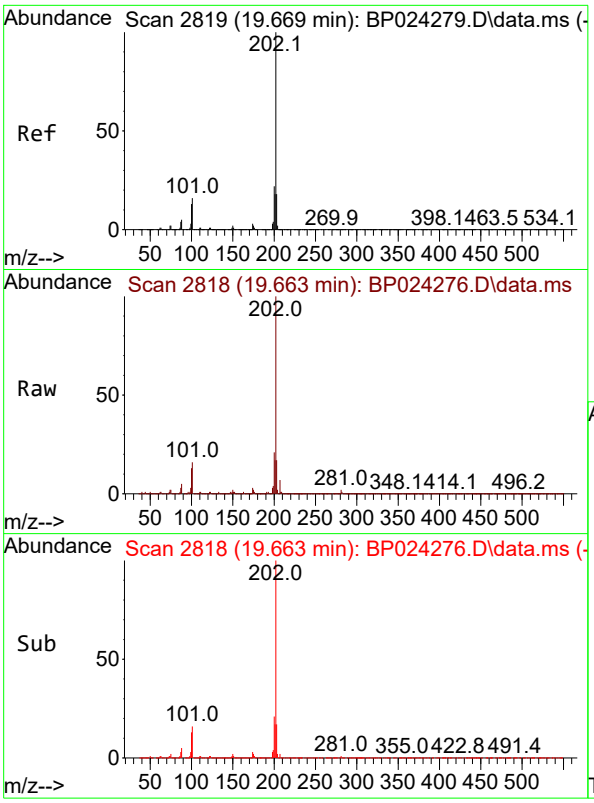


#77
Benzidine
Concen: 2.925 ng m
RT: 19.498 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:184 Resp: 50615

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.6	17.4
183	12.4	9.2	13.8



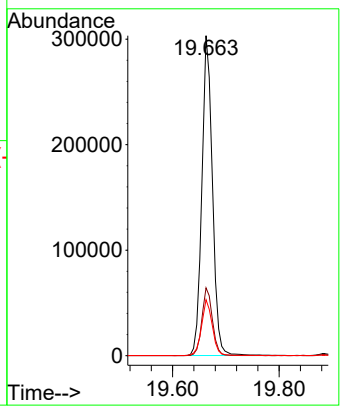


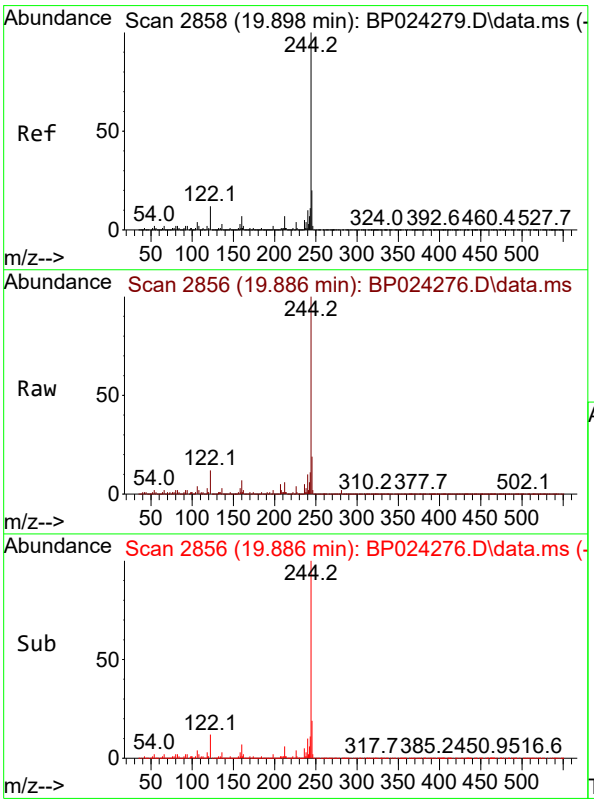
#78
Pyrene
Concen: 4.657 ng
RT: 19.663 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 417746

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.5	14.4	21.6

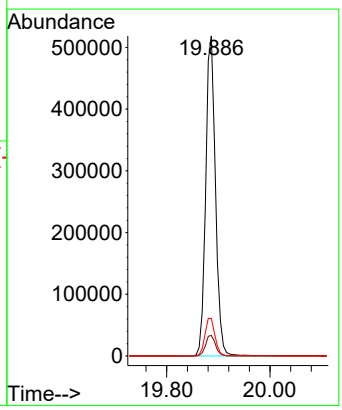


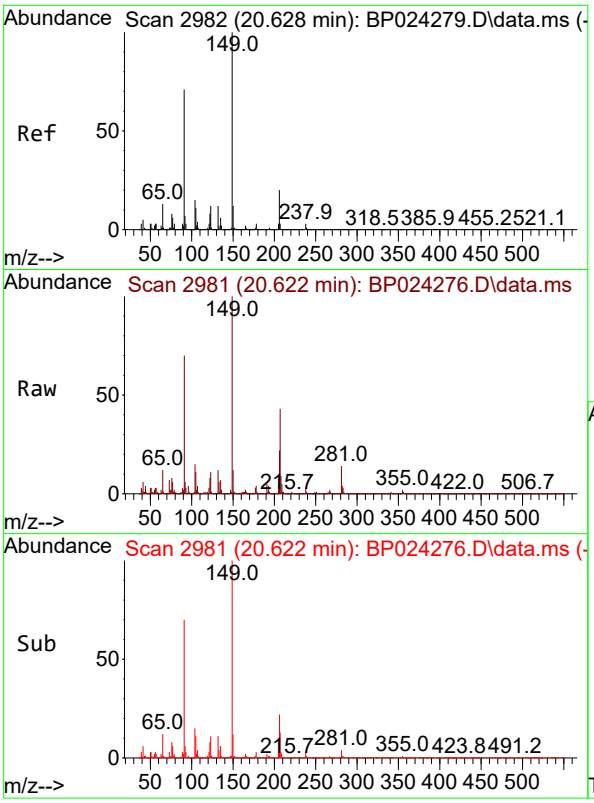


#79
Terphenyl-d14
Concen: 9.638 ng
RT: 19.886 min Scan# 2856
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:244 Resp: 677812

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.7	9.4	14.0



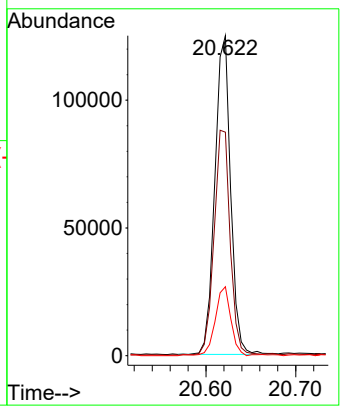


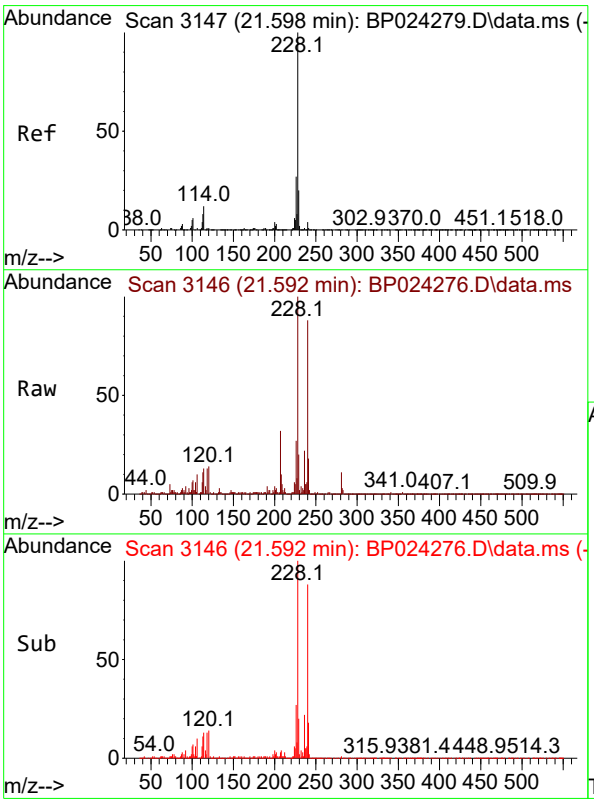
#80
Butylbenzylphthalate
Concen: 4.024 ng
RT: 20.622 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 152196

Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.4	84.6
206	21.6	16.3	24.5

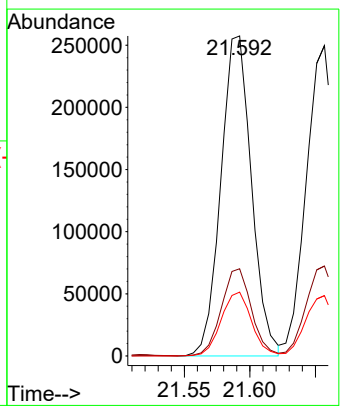


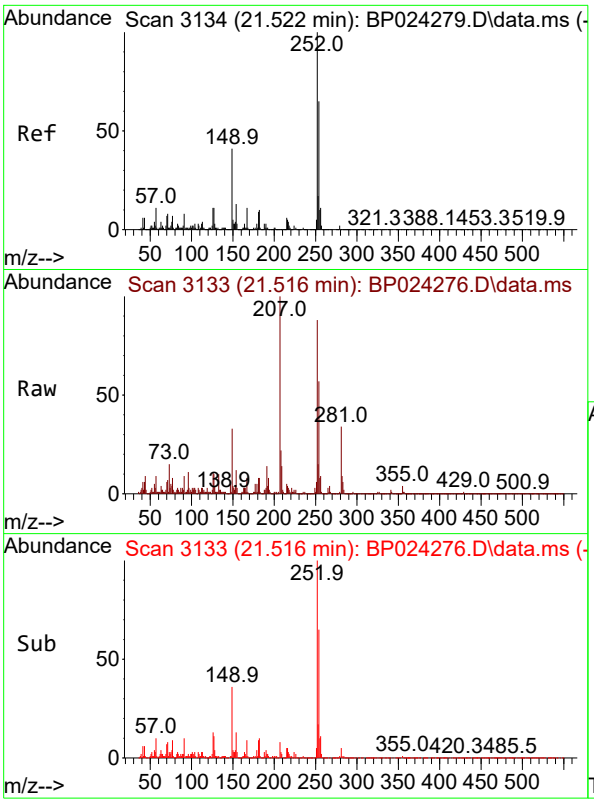


#81
Benzo(a)anthracene
Concen: 4.791 ng
RT: 21.592 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:228 Resp: 418745

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	15.9	23.9



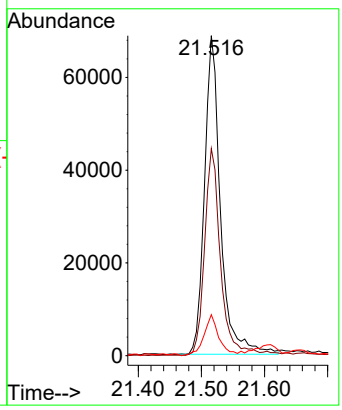


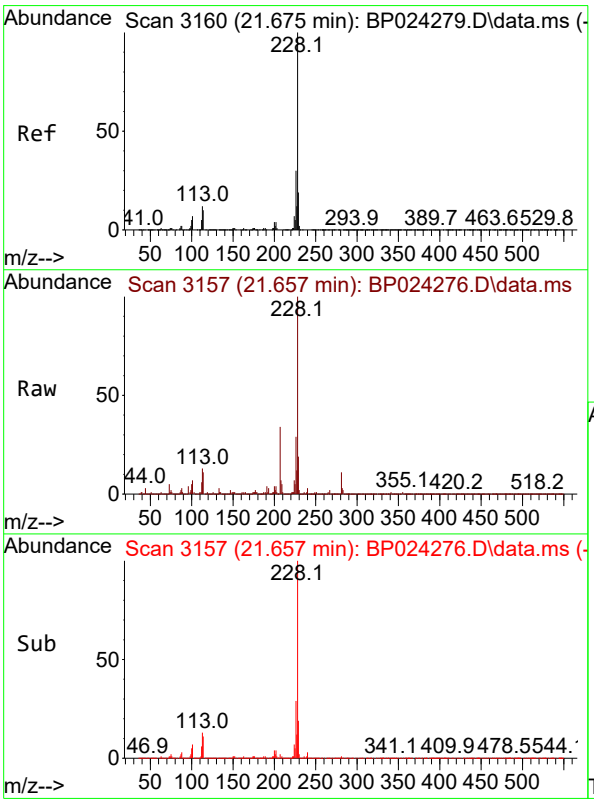
#82
3,3'-Dichlorobenzidine
Concen: 3.994 ng
RT: 21.516 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 121047

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.7	77.5
126	12.8	8.8	13.2

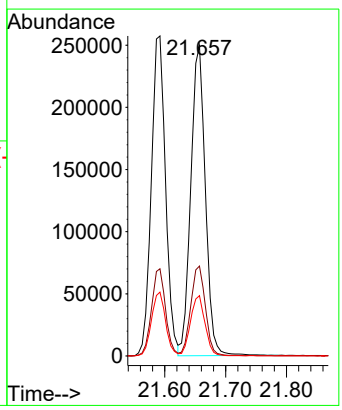


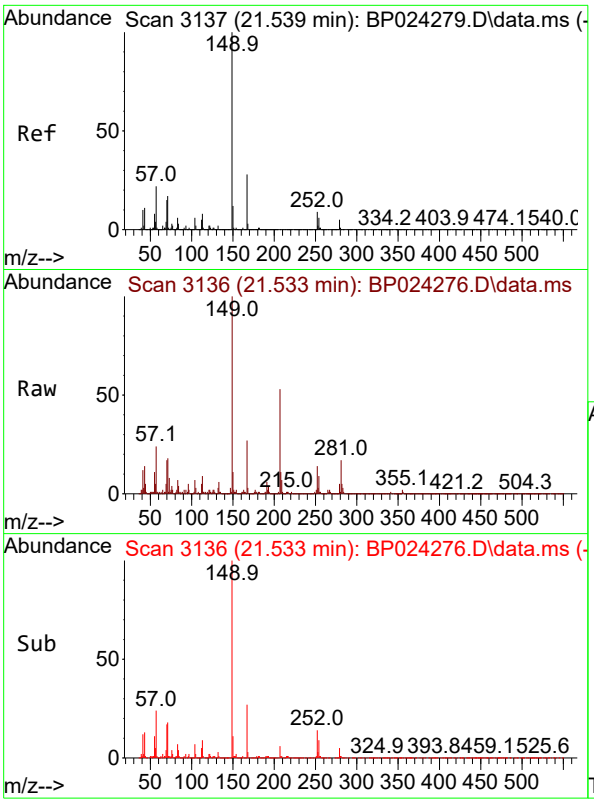


#83
Chrysene
Concen: 4.937 ng
RT: 21.657 min Scan# 3157
Delta R.T. -0.018 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:228 Resp: 413570

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.2	36.2
229	19.4	15.6	23.4



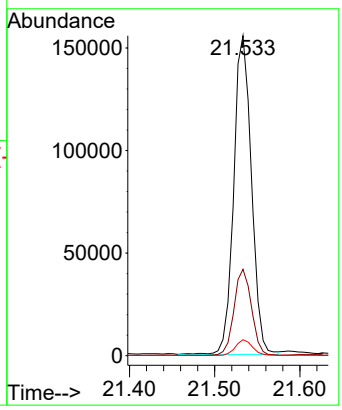


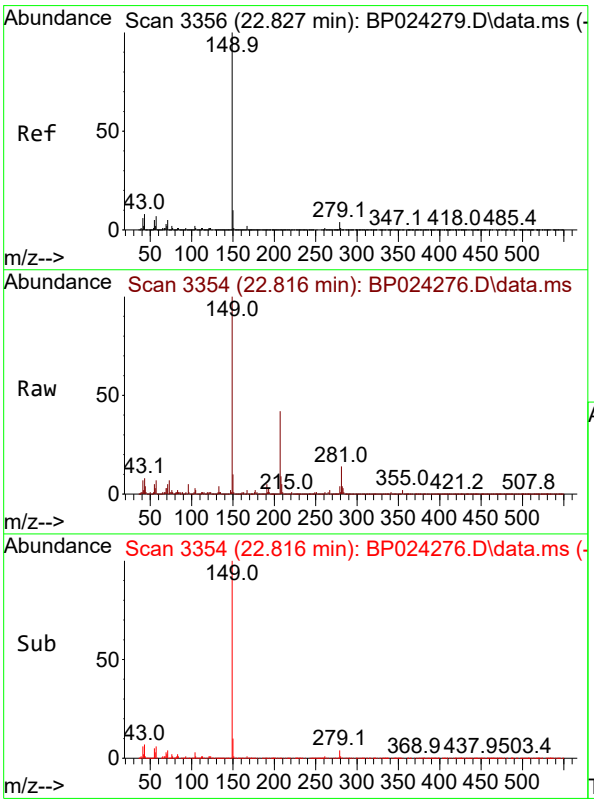
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.021 ng
RT: 21.533 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 223960

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.4	33.6
279	5.0	4.0	6.0

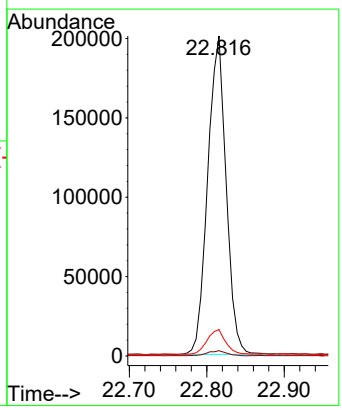


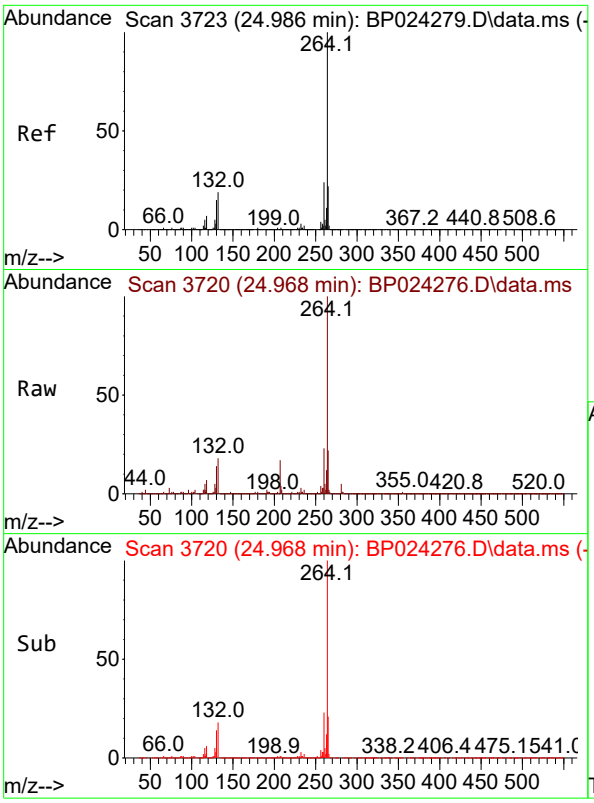


#85
Di-n-octyl phthalate
Concen: 3.712 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:149 Resp: 331185

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	6.0	9.0



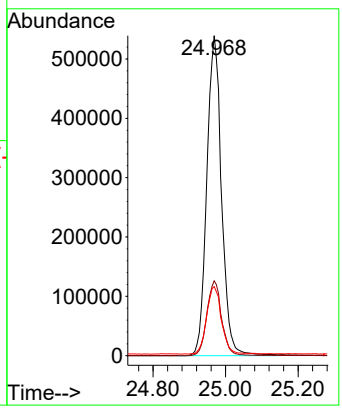


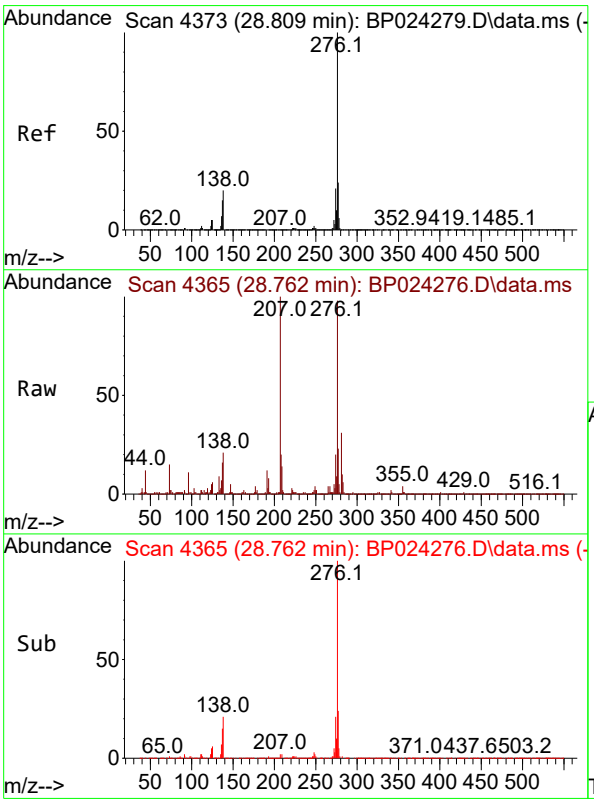
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.968 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 1519057

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.6	17.8	26.6

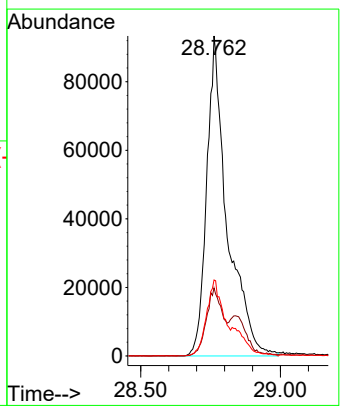


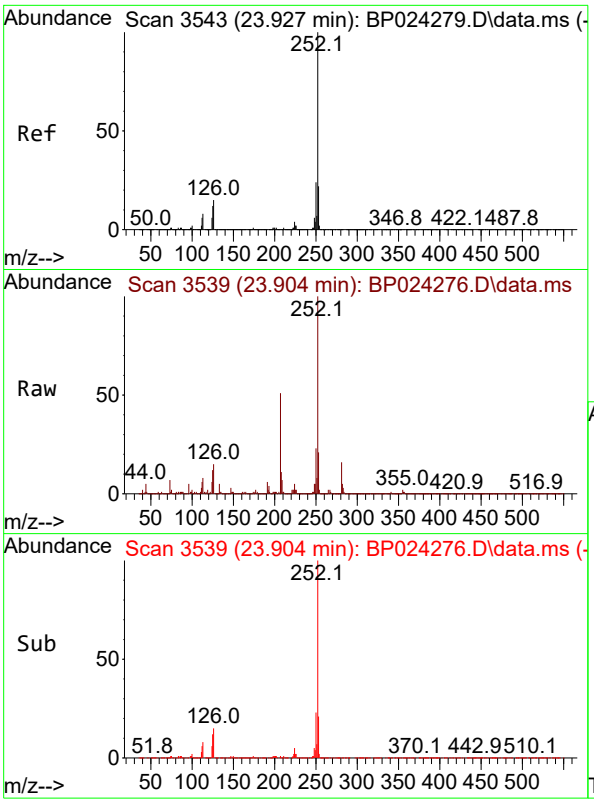


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.552 ng
RT: 28.762 min Scan# 4365
Delta R.T. -0.047 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:276 Resp: 475578

Ion	Ratio	Lower	Upper
276	100		
138	16.7	14.5	21.7
277	19.3	20.2	30.2#



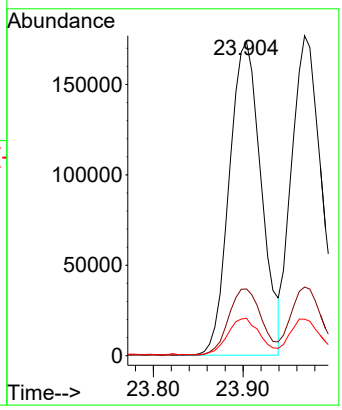


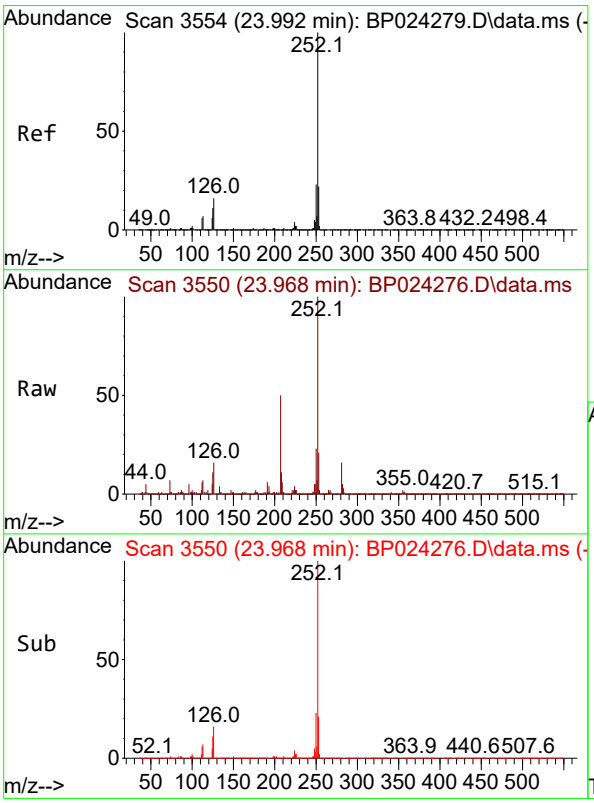
#88
Benzo(b)fluoranthene
Concen: 4.723 ng
RT: 23.904 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 429214

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	11.9	9.4	14.0

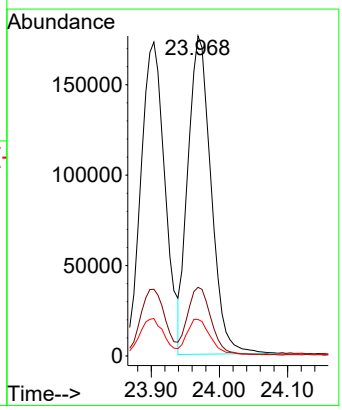


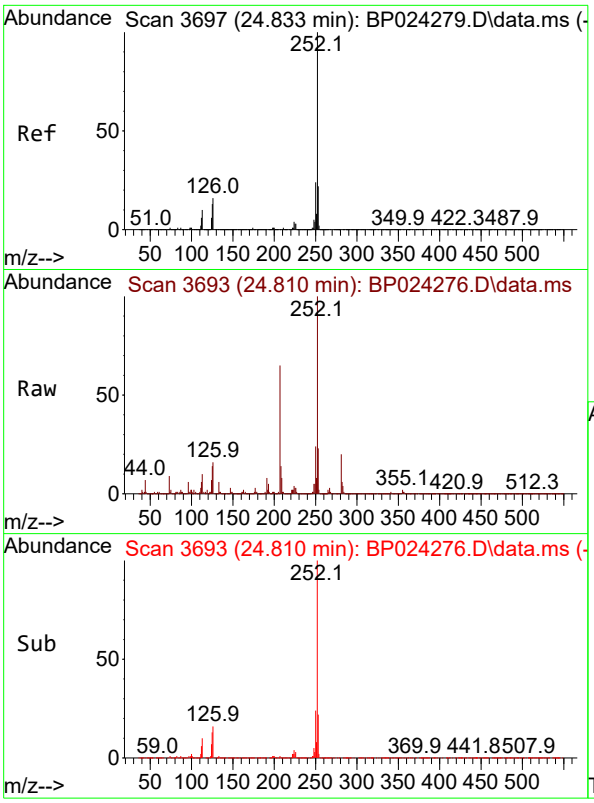


#89
Benzo(k)fluoranthene
Concen: 4.686 ng
RT: 23.968 min Scan# 3550
Delta R.T. -0.024 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:252 Resp: 413302

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	11.4	9.1	13.7



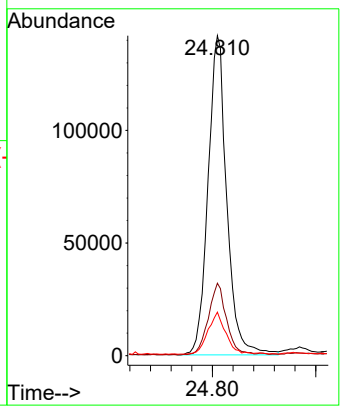


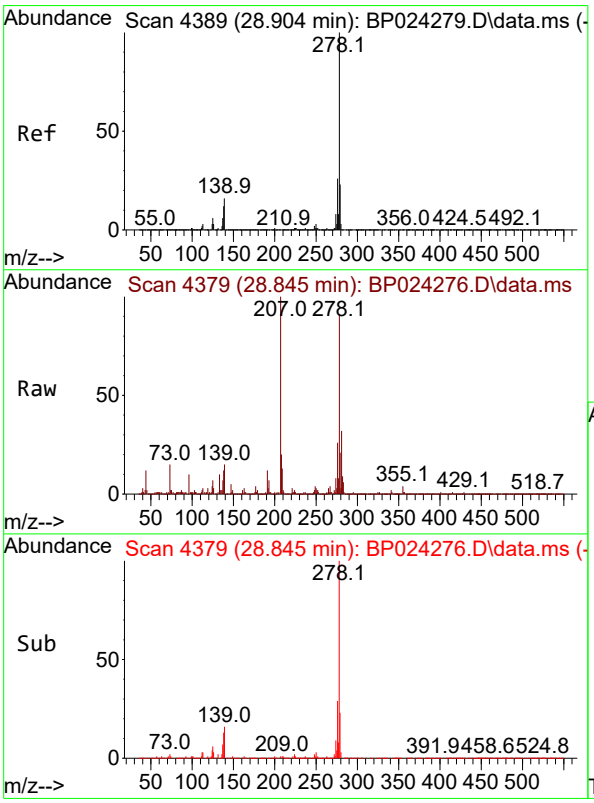
#90
Benzo(a)pyrene
Concen: 4.559 ng
RT: 24.810 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 356658

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	13.6	10.1	15.1

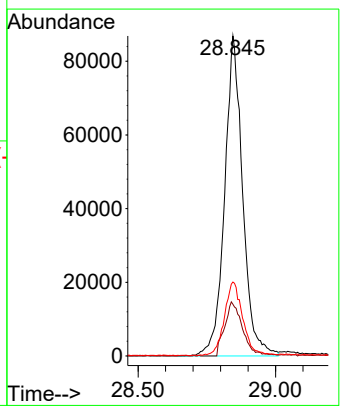


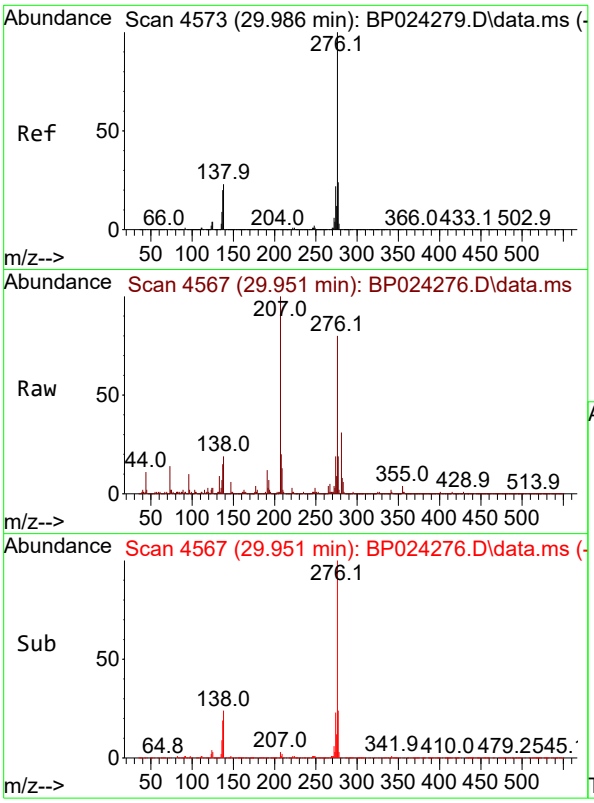


#91
Dibenzo(a,h)anthracene
Concen: 4.571 ng
RT: 28.845 min Scan# 4379
Delta R.T. -0.059 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:278 Resp: 397247

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	19.0
279	23.1	18.5	27.7



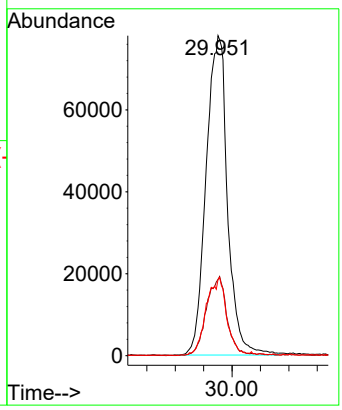


#92
Benzo(g,h,i)perylene
Concen: 4.607 ng
RT: 29.951 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 407522

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	23.8	18.7	28.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024277.D
Acq On : 14 Apr 2025 12:27
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Apr 14 17:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	237860	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	1022895	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	658652	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1310701	20.000	ng		0.00
76) Chrysene-d12	21.616	240	1408913	20.000	ng		0.00
86) Perylene-d12	24.980	264	1508235	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	272237	18.889	ng		0.00
7) Phenol-d6	6.910	99	369199	18.725	ng		0.00
23) Nitrobenzene-d5	8.881	82	345094	19.207	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	168790	18.715	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	878366	20.247	ng		0.00
79) Terphenyl-d14	19.892	244	1405643	19.888	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	61433	9.984	ng		98
3) Pyridine	3.693	79	152243	9.506	ng		99
4) n-Nitrosodimethylamine	3.599	42	52702	9.868	ng	#	98
6) Aniline	7.069	93	176840	9.935	ng		99
8) 2-Chlorophenol	7.305	128	154194	9.573	ng		100
9) Benzaldehyde	6.887	77	111093m	10.879	ng		
10) Phenol	6.940	94	186113	9.401	ng		97
11) bis(2-Chloroethyl)ether	7.157	93	156684	9.794	ng		98
12) 1,3-Dichlorobenzene	7.622	146	176712	10.126	ng		97
13) 1,4-Dichlorobenzene	7.769	146	177067	10.006	ng		99
14) 1,2-Dichlorobenzene	8.081	146	171376	10.016	ng		99
15) Benzyl Alcohol	7.969	79	111176	8.797	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.252	45	177896	10.221	ng		98
17) 2-Methylphenol	8.175	107	119161	9.340	ng		98
18) Hexachloroethane	8.804	117	63912	10.007	ng		98
19) n-Nitroso-di-n-propyla...	8.528	70	119861	9.787	ng		100
20) 3+4-Methylphenols	8.499	107	162332	9.187	ng		99
22) Acetophenone	8.546	105	248823	9.787	ng		99
24) Nitrobenzene	8.922	77	170770	9.590	ng		98
25) Isophorone	9.446	82	307272	9.473	ng		99
26) 2-Nitrophenol	9.628	139	73320	8.575	ng		96
27) 2,4-Dimethylphenol	9.693	122	99186	9.152	ng		97
28) bis(2-Chloroethoxy)met...	9.922	93	217866	9.869	ng		99
29) 2,4-Dichlorophenol	10.163	162	136816	9.263	ng		99
30) 1,2,4-Trichlorobenzene	10.369	180	155965	9.760	ng		100
31) Naphthalene	10.557	128	538892	9.953	ng		99
32) Benzoic acid	9.781	122	94803m	8.095	ng		
33) 4-Chloroaniline	10.669	127	178451	9.433	ng		99
34) Hexachlorobutadiene	10.845	225	92662	9.885	ng		99
35) Caprolactam	11.440	113	47014	8.670	ng		98
36) 4-Chloro-3-methylphenol	11.798	107	158563	9.213	ng		99
37) 2-Methylnaphthalene	12.169	142	368122	9.810	ng		98
38) 1-Methylnaphthalene	12.387	142	365139	9.933	ng		100
40) 1,2,4,5-Tetrachloroben...	12.540	216	177188	9.789	ng		100
41) Hexachlorocyclopentadiene	12.516	237	60914	9.586	ng		96
43) 2,4,6-Trichlorophenol	12.781	196	110203	9.253	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024277.D
Acq On : 14 Apr 2025 12:27
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Apr 14 17:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	122104	9.251	ng		98
46) 1,1'-Biphenyl	13.187	154	490325	10.080	ng		100
47) 2-Chloronaphthalene	13.228	162	362419	9.985	ng		98
48) 2-Nitroaniline	13.434	65	88889	8.866	ng		95
49) Acenaphthylene	14.081	152	553215	9.711	ng		100
50) Dimethylphthalate	13.816	163	466314	9.704	ng		99
51) 2,6-Dinitrotoluene	13.934	165	95596	9.442	ng		96
52) Acenaphthene	14.428	154	357828	9.877	ng		99
53) 3-Nitroaniline	14.269	138	95237	9.067	ng		97
54) 2,4-Dinitrophenol	14.481	184	41132	7.588	ng		97
55) Dibenzofuran	14.769	168	594953	10.013	ng		99
56) 4-Nitrophenol	14.598	139	75995	8.416	ng		95
57) 2,4-Dinitrotoluene	14.734	165	121276	8.862	ng	#	95
58) Fluorene	15.428	166	459952	10.026	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	115645	9.470	ng		100
60) Diethylphthalate	15.198	149	488847	9.884	ng		100
61) 4-Chlorophenyl-phenyle...	15.428	204	222437	9.985	ng		97
62) 4-Nitroaniline	15.451	138	98638	8.857	ng		93
63) Azobenzene	15.722	77	455459	9.999	ng		96
65) 4,6-Dinitro-2-methylph...	15.516	198	62421	8.151	ng		96
66) n-Nitrosodiphenylamine	15.639	169	383558	9.759	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	138724	9.703	ng		97
68) Hexachlorobenzene	16.457	284	161944	9.528	ng		98
69) Atrazine	16.628	200	109503	10.990	ng		98
70) Pentachlorophenol	16.810	266	101318	8.682	ng		96
71) Phenanthrene	17.210	178	711407	9.900	ng		99
72) Anthracene	17.304	178	666269	9.635	ng		100
73) Carbazole	17.586	167	654205	9.721	ng		99
74) Di-n-butylphthalate	18.180	149	806280	9.616	ng		99
75) Fluoranthene	19.292	202	835153	9.791	ng		98
77) Benzidine	19.498	184	99659	5.730	ng		99
78) Pyrene	19.669	202	870767	9.659	ng		99
80) Butylbenzylphthalate	20.627	149	343670	9.043	ng		99
81) Benzo(a)anthracene	21.598	228	854983	9.734	ng		98
82) 3,3'-Dichlorobenzidine	21.521	252	269772	8.857	ng		98
83) Chrysene	21.668	228	832263	9.887	ng		100
84) Bis(2-ethylhexyl)phtha...	21.539	149	517894	9.253	ng		99
85) Di-n-octyl phthalate	22.827	149	769654	8.584	ng		99
87) Indeno(1,2,3-cd)pyrene	28.792	276	983323	9.480	ng		99
88) Benzo(b)fluoranthene	23.915	252	885212	9.810	ng		99
89) Benzo(k)fluoranthene	23.986	252	852606	9.735	ng		99
90) Benzo(a)pyrene	24.815	252	732209	9.426	ng		99
91) Dibenzo(a,h)anthracene	28.862	278	821160	9.517	ng		99
92) Benzo(g,h,i)perylene	29.962	276	836993	9.530	ng		99

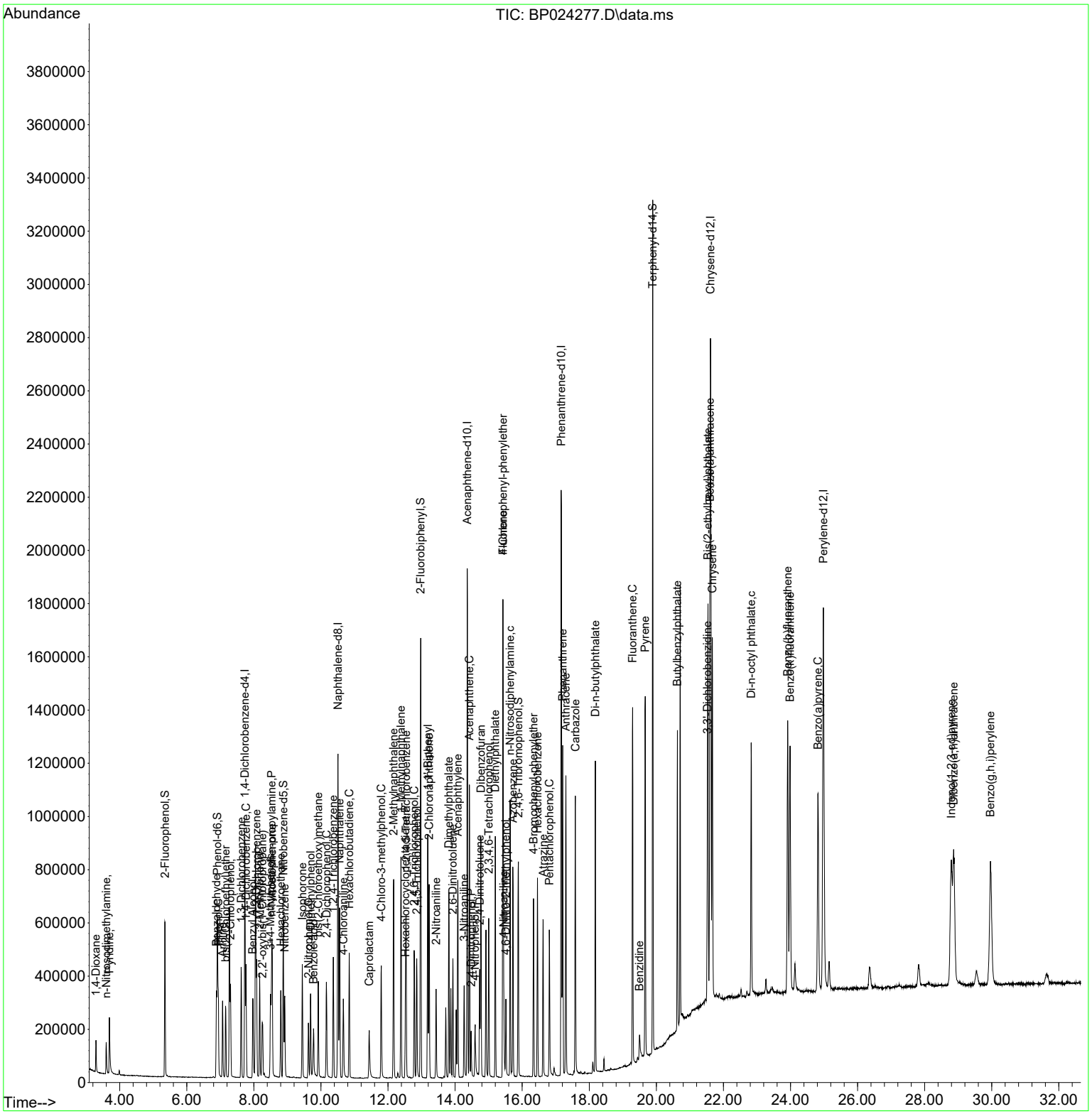
(#) = qualifier out of range (m) = manual integration (+) = signals summed

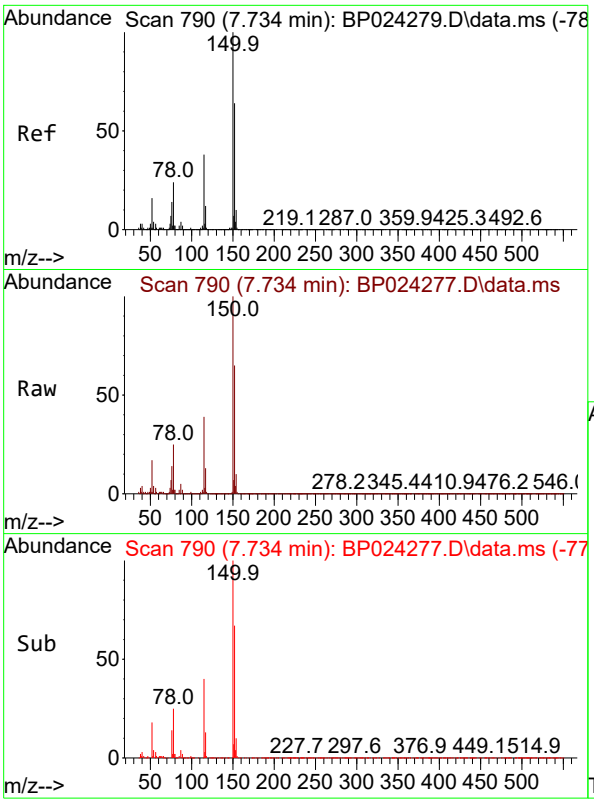
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024277.D
Acq On : 14 Apr 2025 12:27
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Apr 14 17:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



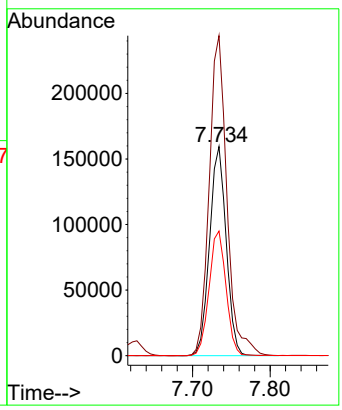


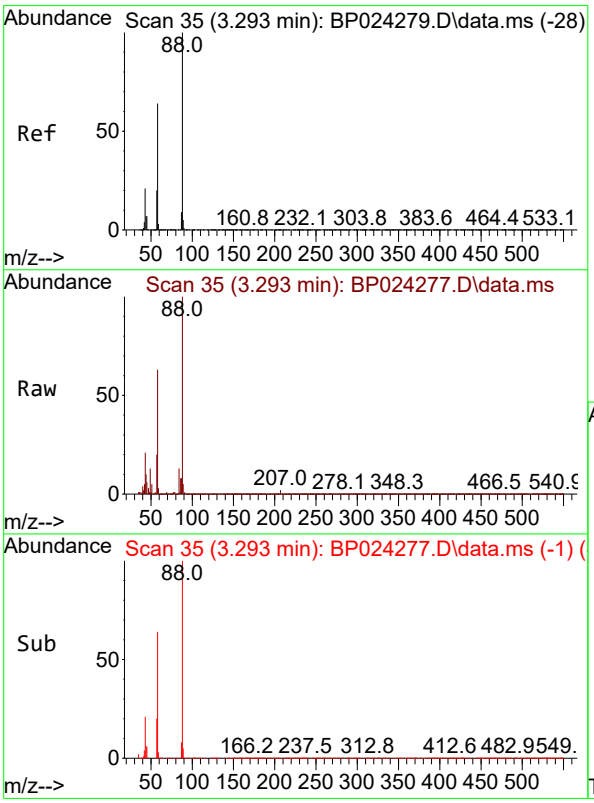
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 237860

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.9	187.3
115	59.6	47.7	71.5

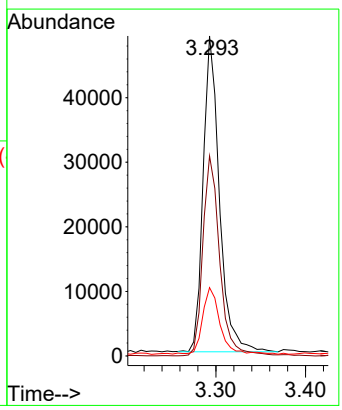


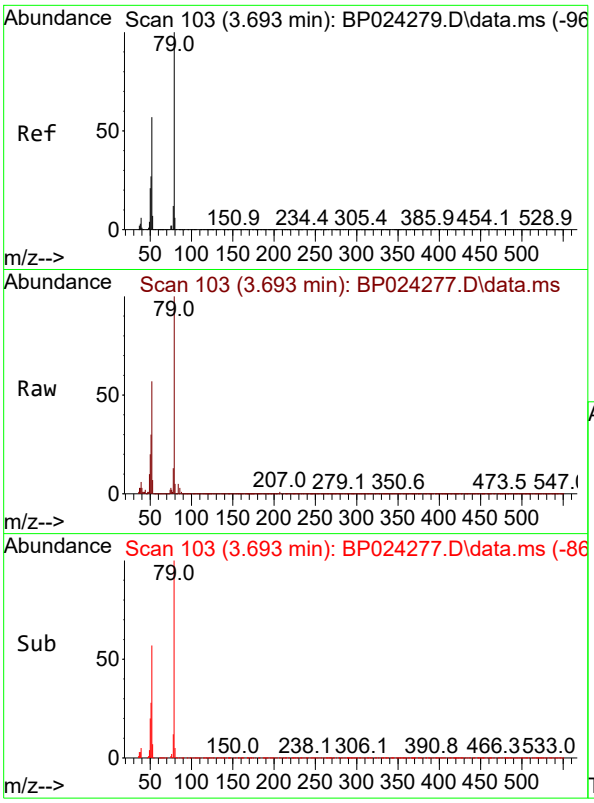


#2
1,4-Dioxane
Concen: 9.984 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 88 Resp: 61433

Ion	Ratio	Lower	Upper
88	100		
58	65.6	51.4	77.2
43	22.9	17.1	25.7



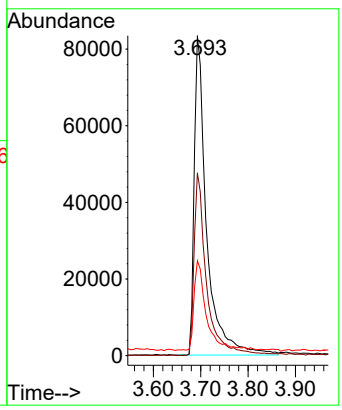


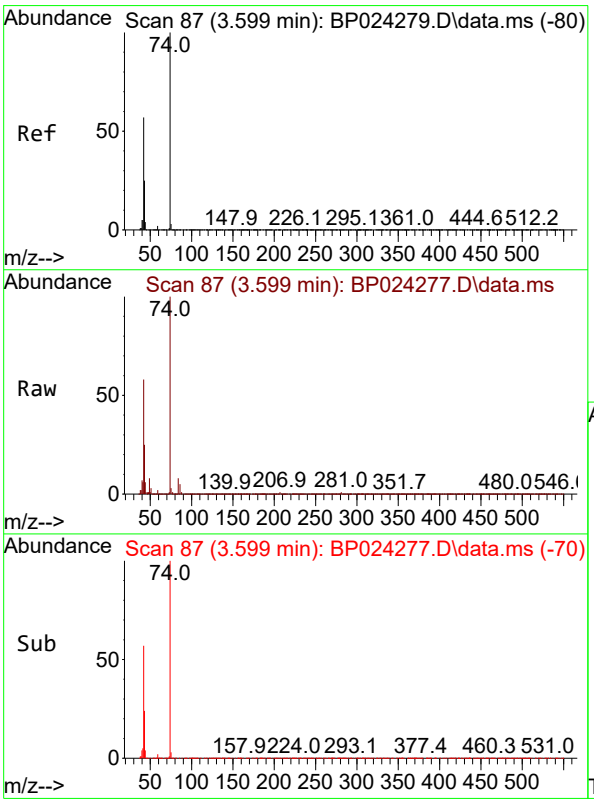
#3
Pyridine
Concen: 9.506 ng
RT: 3.693 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 152243

Ion	Ratio	Lower	Upper
79	100		
52	57.2	45.4	68.2
51	29.7	22.6	33.8

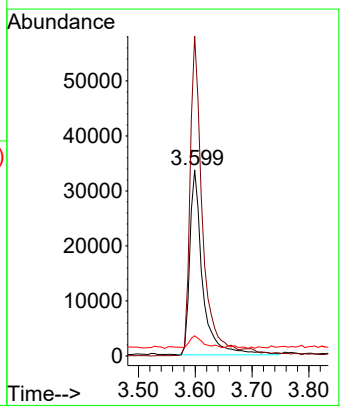


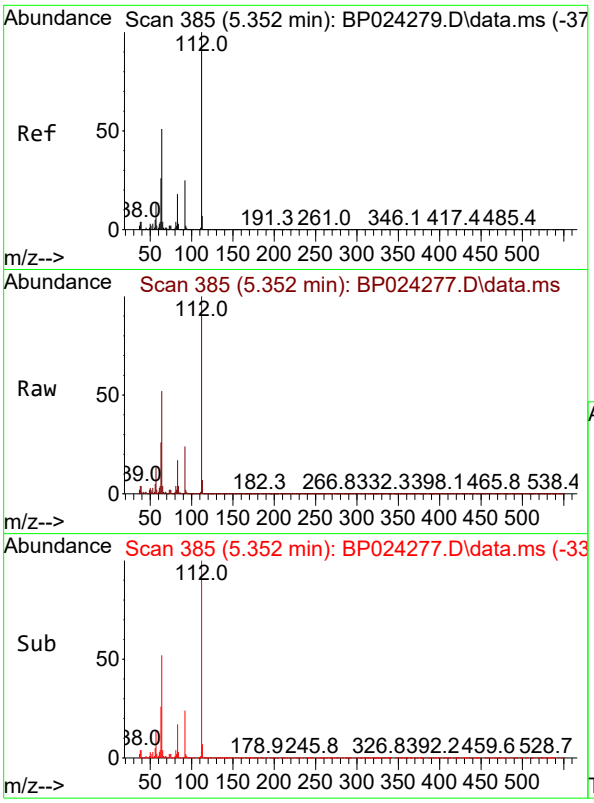


#4
n-Nitrosodimethylamine
Concen: 9.868 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 42 Resp: 52702

Ion	Ratio	Lower	Upper
42	100		
74	172.0	139.5	209.3
44	10.8	5.8	8.8#



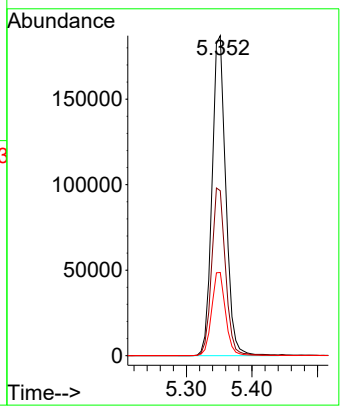


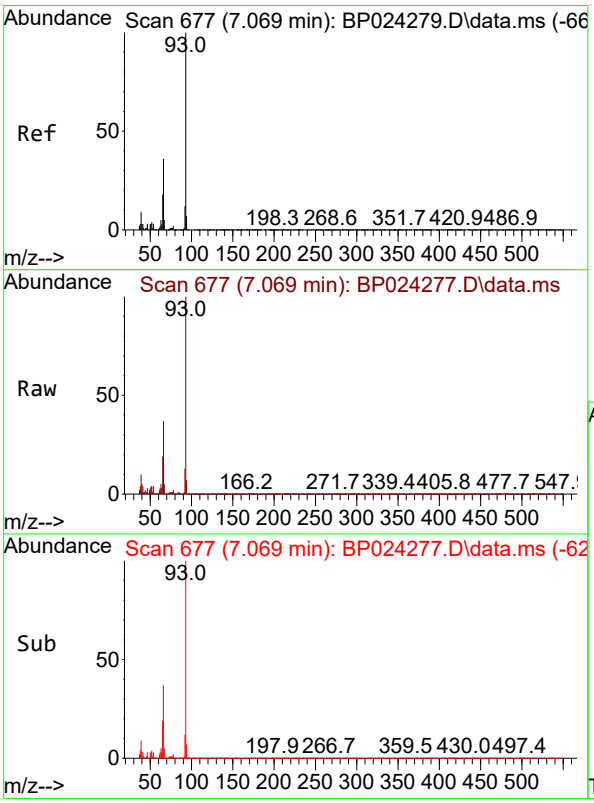
#5
2-Fluorophenol
Concen: 18.889 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 272237

Ion	Ratio	Lower	Upper
112	100		
64	51.6	41.1	61.7
63	26.0	20.6	30.8

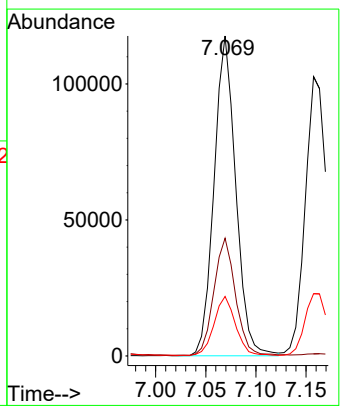


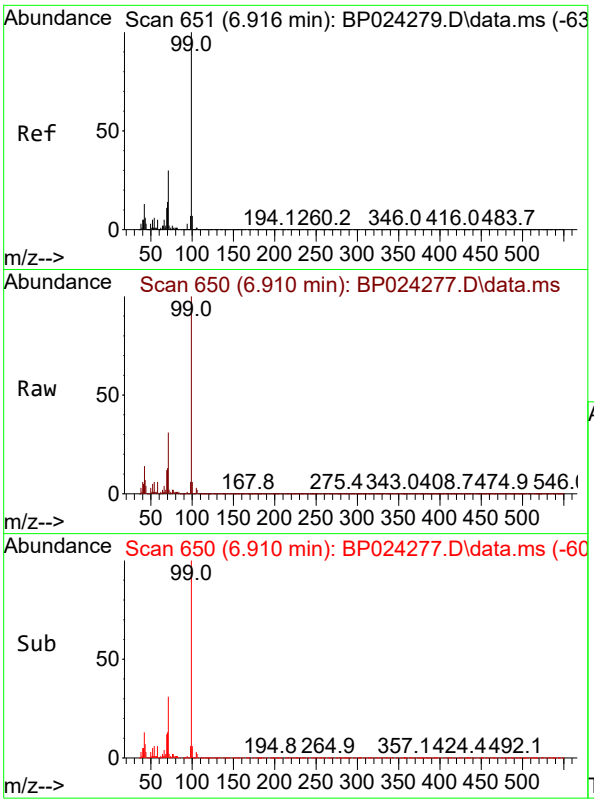


#6
Aniline
Concen: 9.935 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 93 Resp: 176840

Ion	Ratio	Lower	Upper
93	100		
66	36.8	29.1	43.7
65	18.6	14.7	22.1



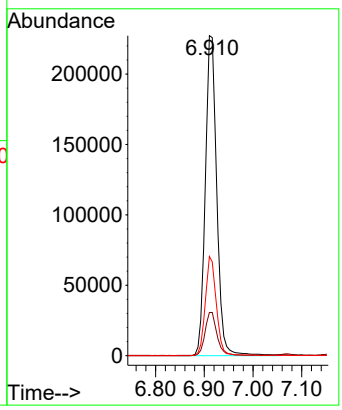


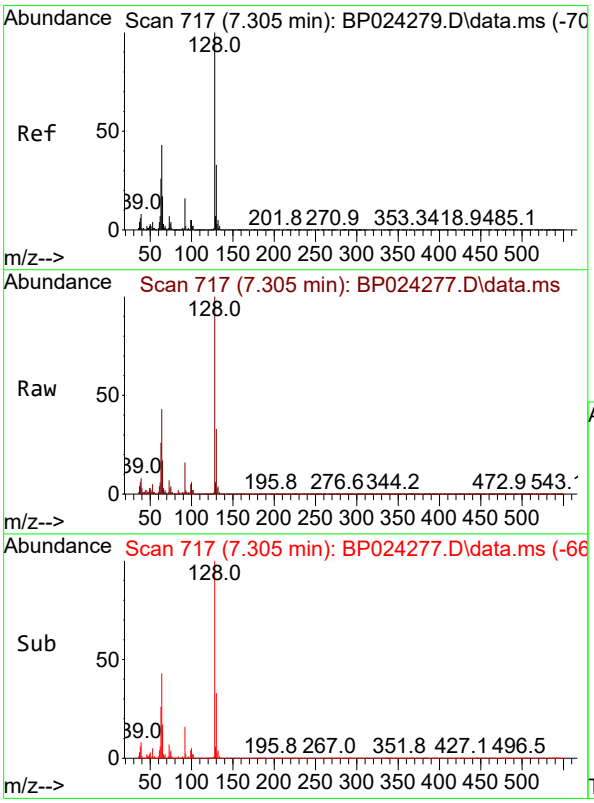
#7
Phenol-d6
Concen: 18.725 ng
RT: 6.910 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 369199

Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.6	16.0
71	31.0	23.7	35.5

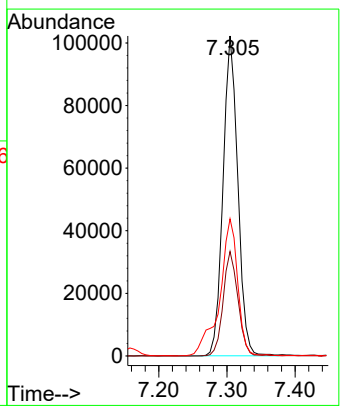


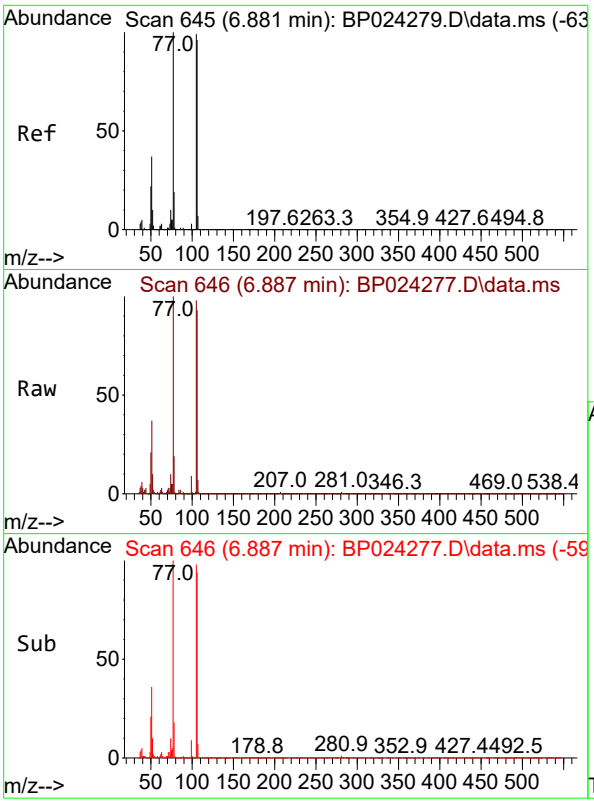


#8
2-Chlorophenol
Concen: 9.573 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:128 Resp: 154194

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	42.8	22.7	62.7



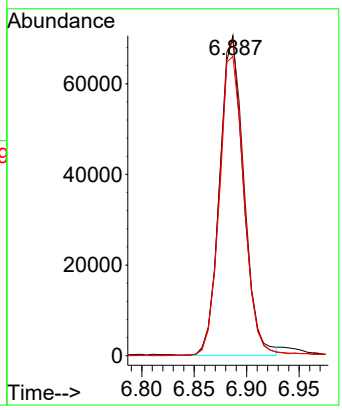


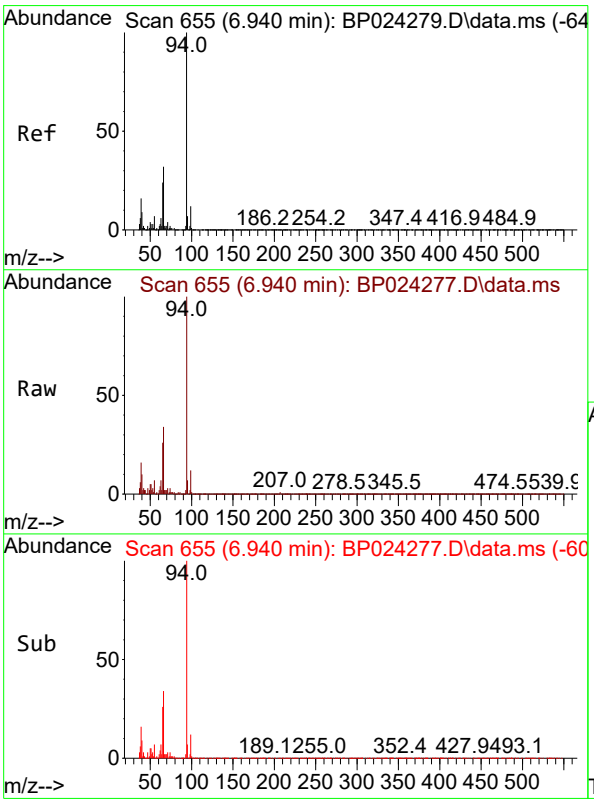
#9
Benzaldehyde
Concen: 10.879 ng m
RT: 6.887 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 111093

Ion	Ratio	Lower	Upper
77	100		
105	98.4	79.2	119.2
106	93.5	76.2	116.2

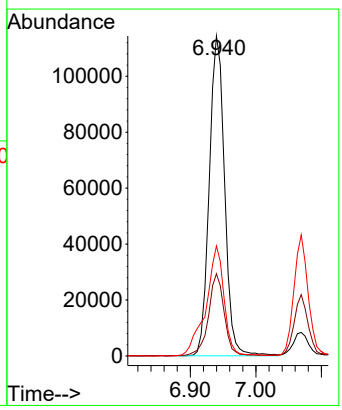


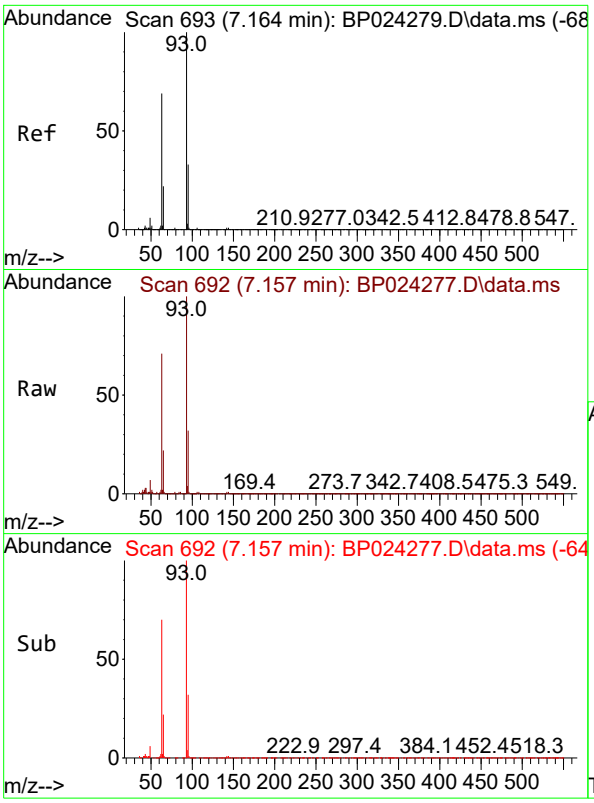


#10
Phenol
Concen: 9.401 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 94 Resp: 186113

Ion	Ratio	Lower	Upper
94	100		
65	25.7	4.5	44.5
66	34.4	12.4	52.4



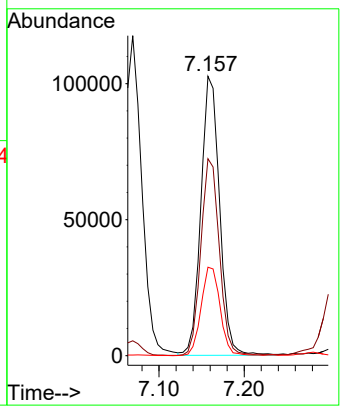


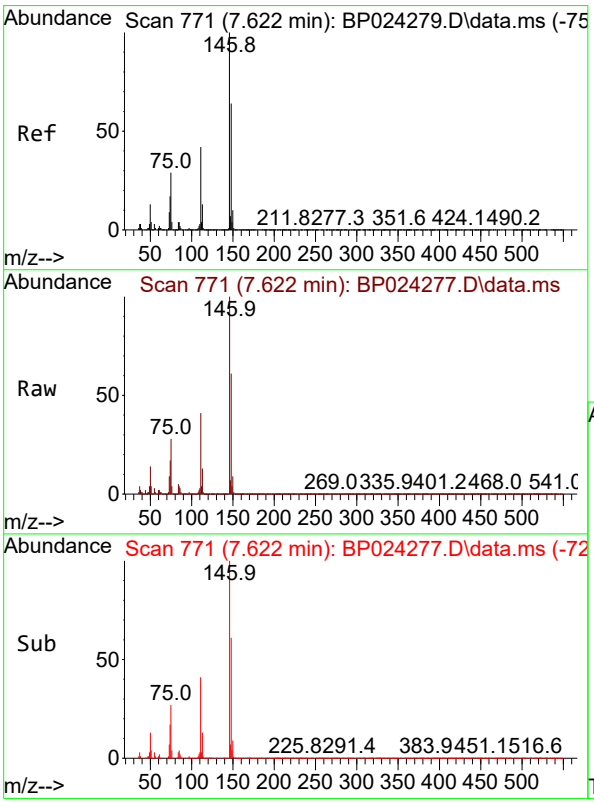
#11
bis(2-Chloroethyl)ether
Concen: 9.794 ng
RT: 7.157 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 156684

Ion	Ratio	Lower	Upper
93	100		
63	70.5	48.6	88.6
95	31.6	12.3	52.3

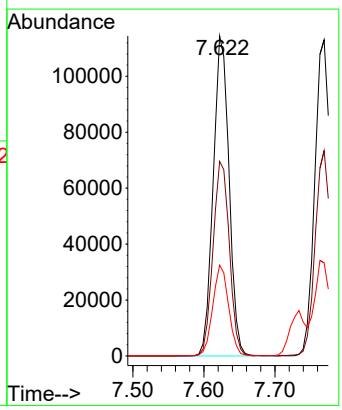


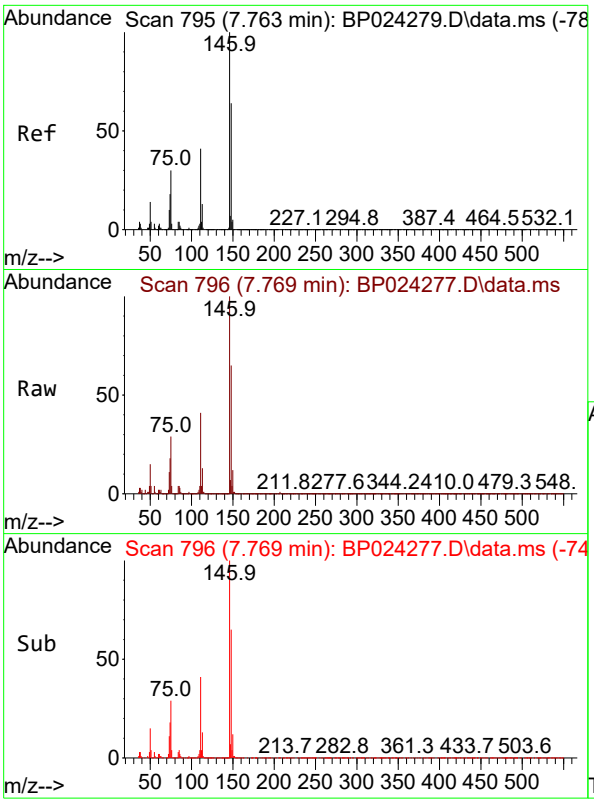


#12
1,3-Dichlorobenzene
Concen: 10.126 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:146 Resp: 176712

Ion	Ratio	Lower	Upper
146	100		
148	60.8	51.4	77.0
75	28.4	22.9	34.3



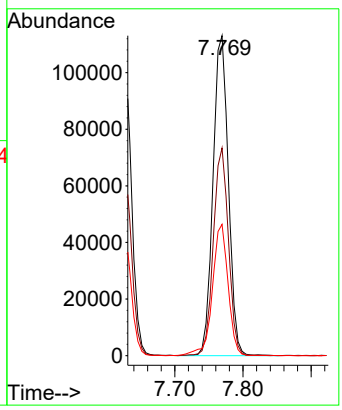


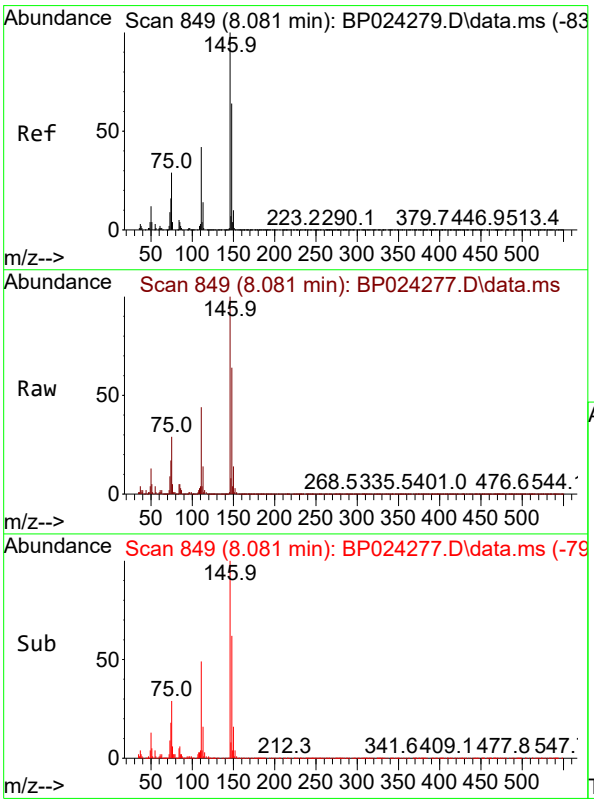
#13
1,4-Dichlorobenzene
Concen: 10.006 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 177067

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	41.1	32.6	48.8

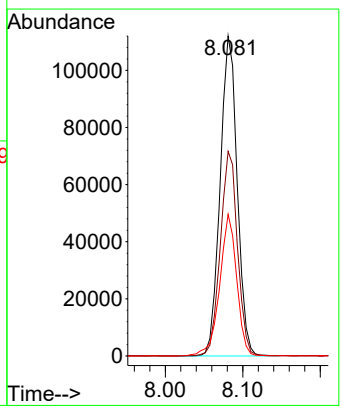


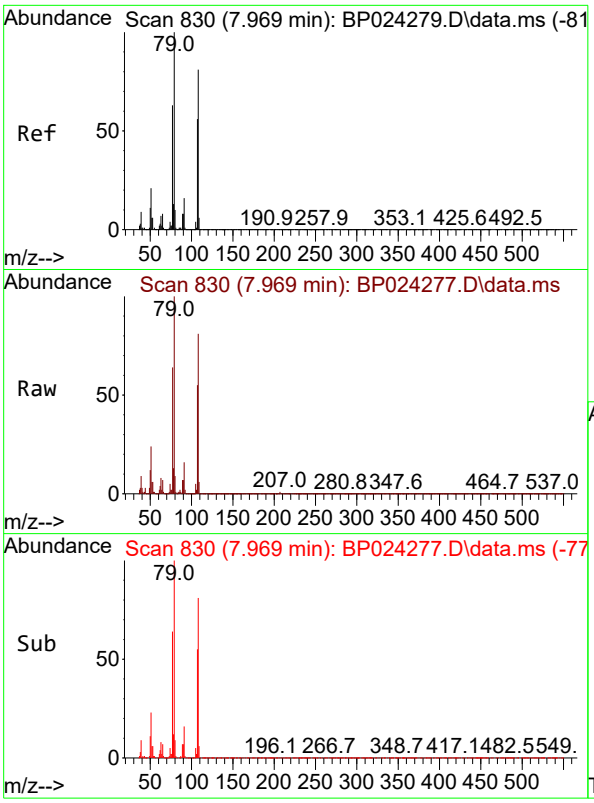


#14
1,2-Dichlorobenzene
Concen: 10.016 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:146 Resp: 171376

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
111	44.3	33.8	50.8



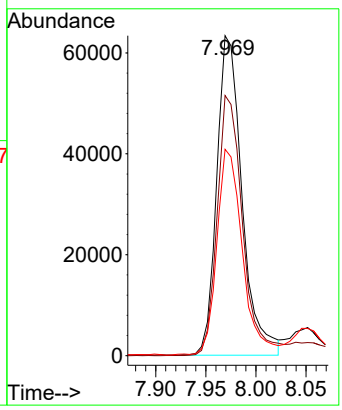


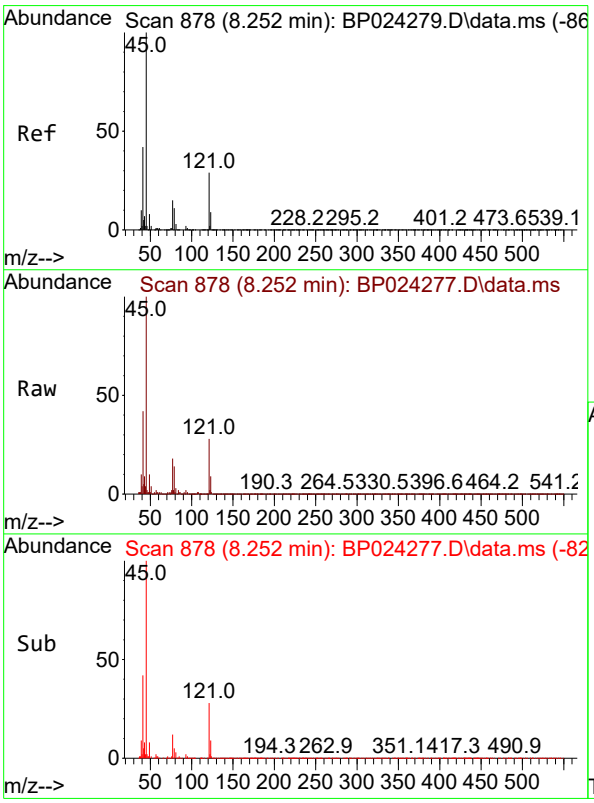
#15
Benzyl Alcohol
Concen: 8.797 ng
RT: 7.969 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 111176

Ion	Ratio	Lower	Upper
79	100		
108	81.3	65.1	97.7
77	64.5	50.7	76.1

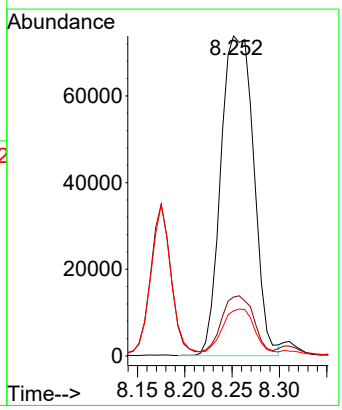


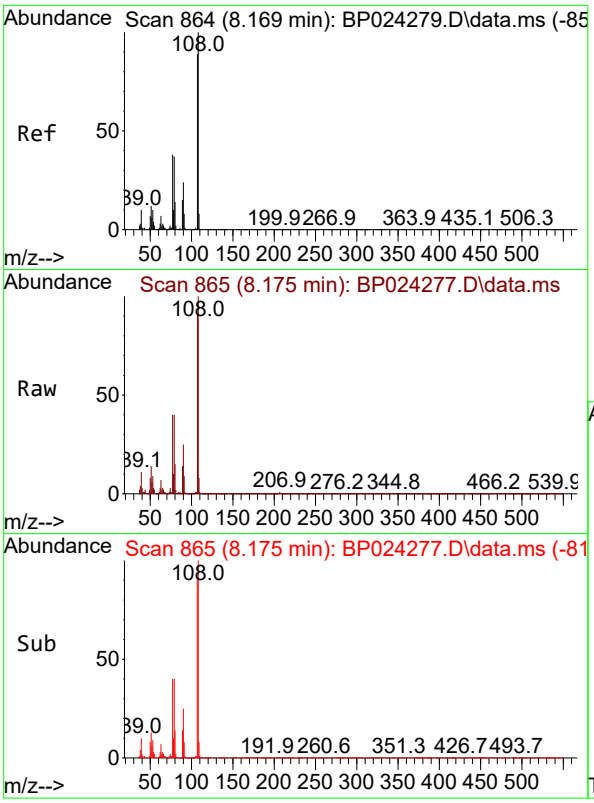


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.221 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 45 Resp: 177896

Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	37.7
79	14.1	0.0	33.5



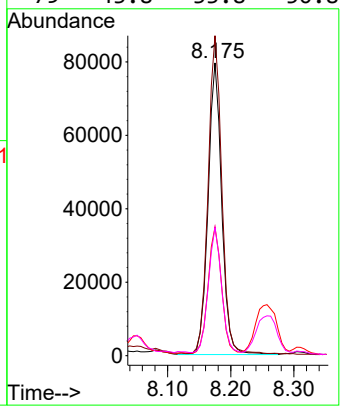


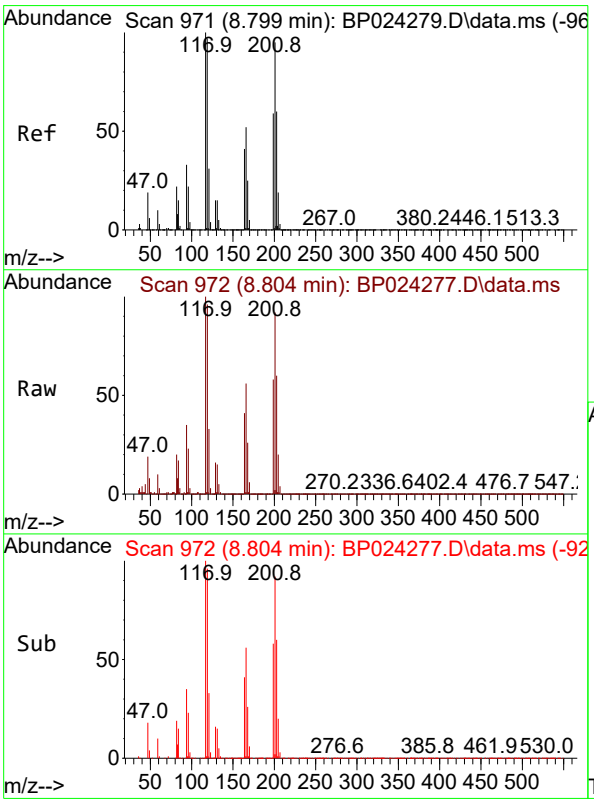
#17
2-Methylphenol
Concen: 9.340 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 119161

Ion	Ratio	Lower	Upper
107	100		
108	109.3	89.8	134.6
77	43.9	34.2	51.4
79	43.8	33.8	50.8

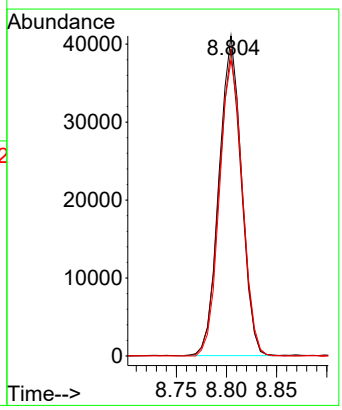


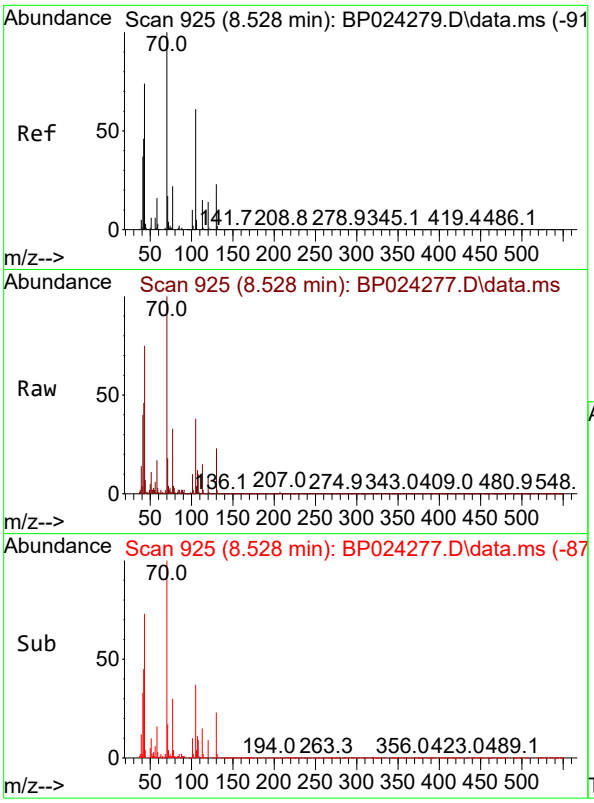


#18
Hexachloroethane
Concen: 10.007 ng
RT: 8.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:117 Resp: 63912

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.8	116.6
201	92.4	75.9	113.9



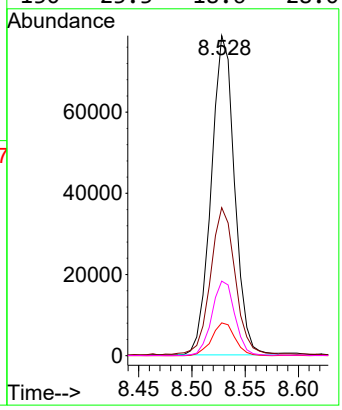


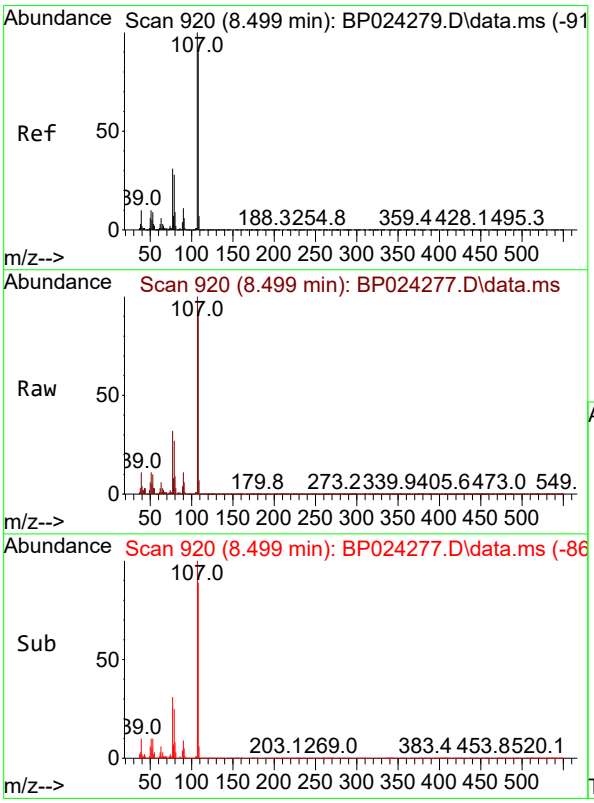
#19
n-Nitroso-di-n-propylamine
Concen: 9.787 ng
RT: 8.528 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 119861

Ion	Ratio	Lower	Upper
70	100		
42	46.2	37.3	55.9
101	10.3	8.2	12.4
130	23.3	18.6	28.0

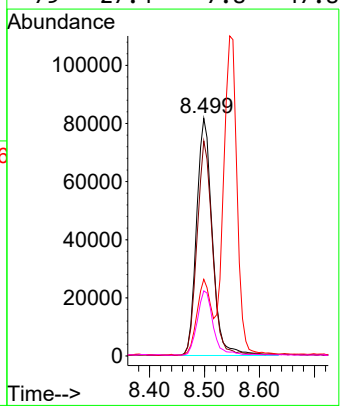


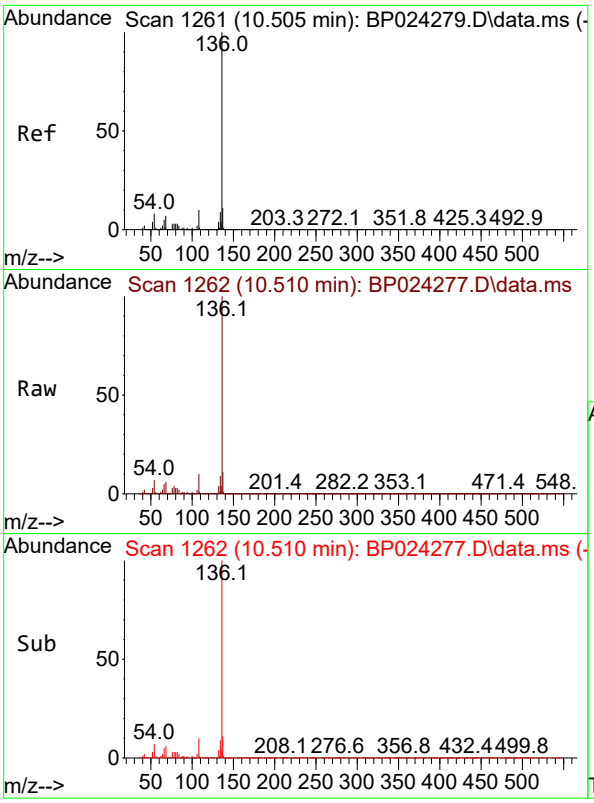


#20
3+4-Methylphenols
Concen: 9.187 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:107 Resp: 162332

Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.8	109.8
77	32.3	11.5	51.5
79	27.4	7.8	47.8



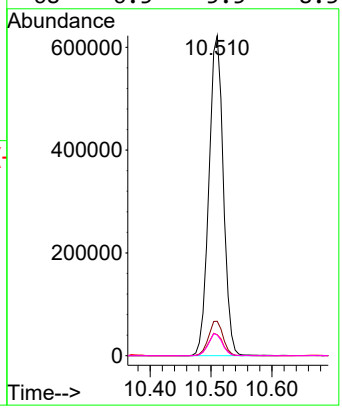


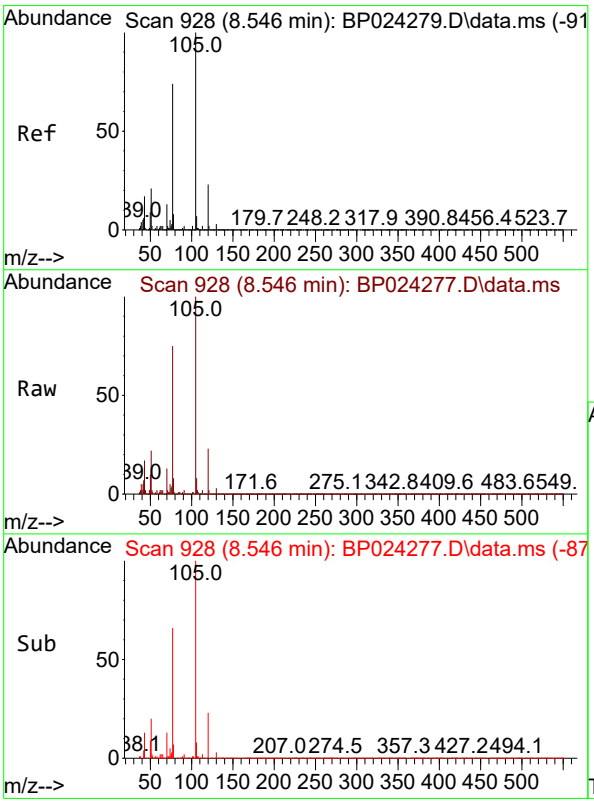
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 1022895

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.6	6.0	9.0
68	6.5	5.5	8.3

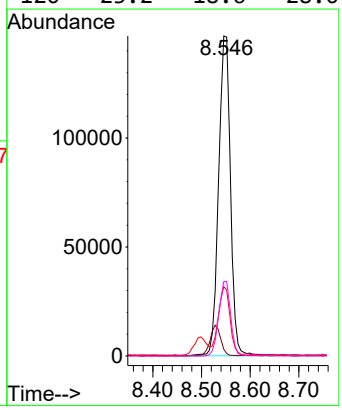


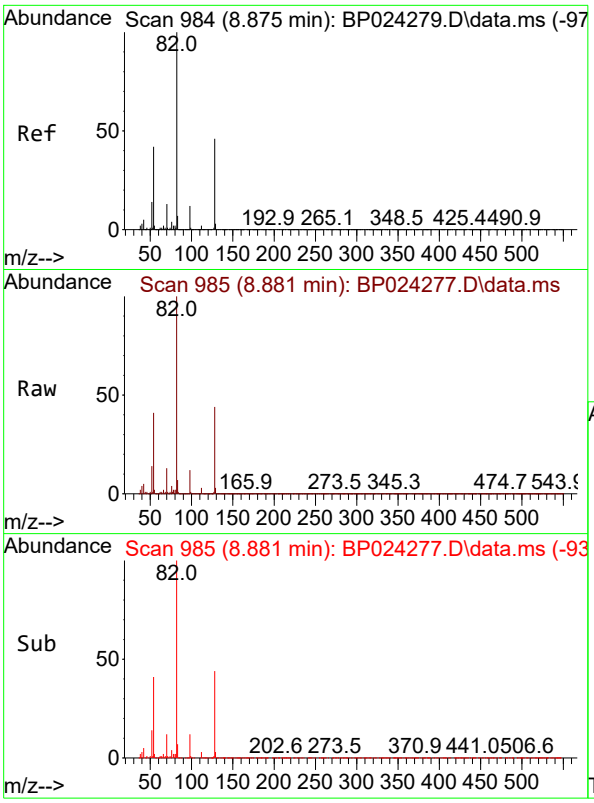


#22
Acetophenone
Concen: 9.787 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:105 Resp: 248823

Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	21.7	16.9	25.3
120	23.2	18.6	28.0



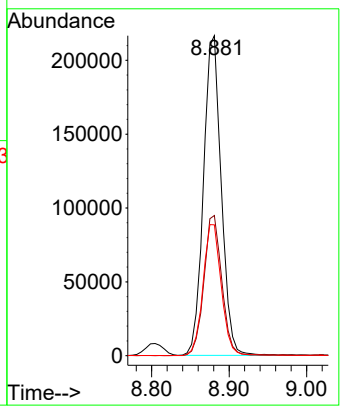


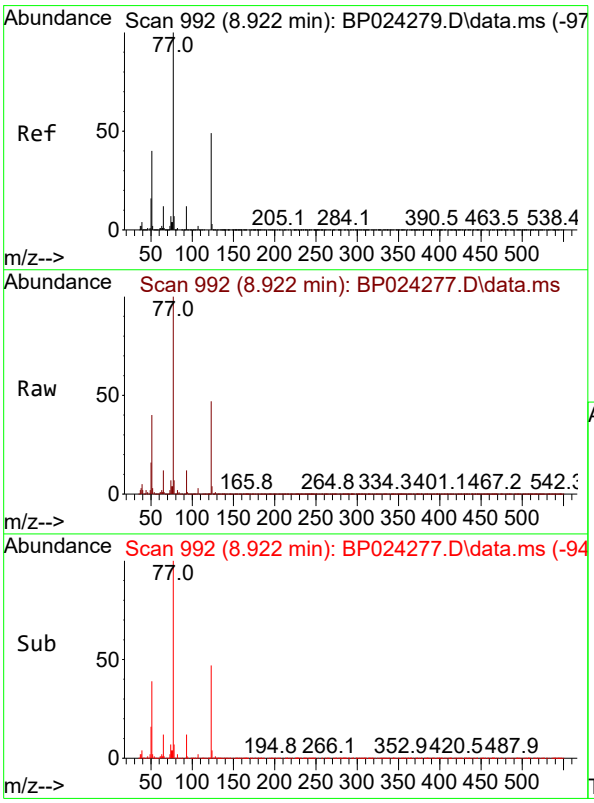
#23
Nitrobenzene-d5
Concen: 19.207 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 345094

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.5	54.7
54	40.9	33.4	50.2

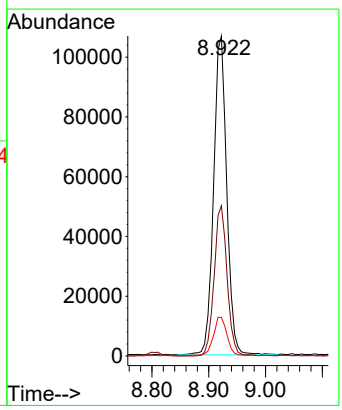


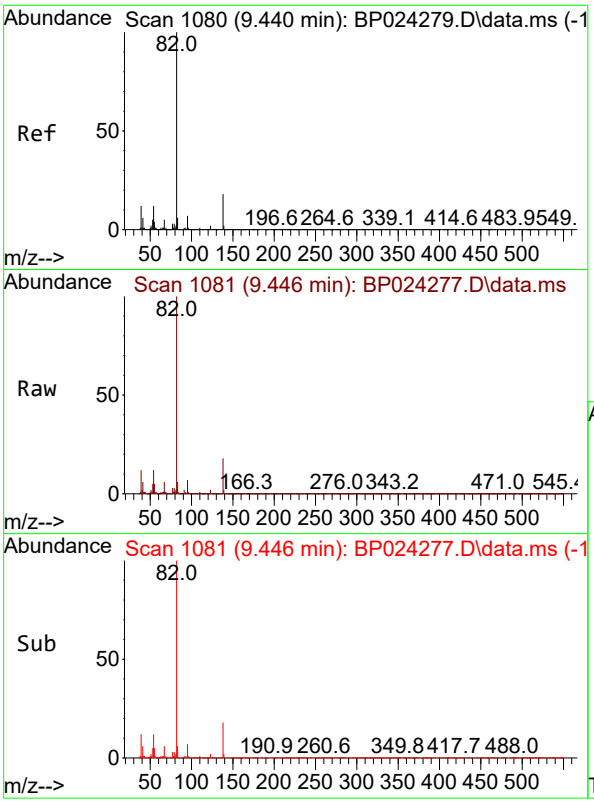


#24
Nitrobenzene
Concen: 9.590 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 77 Resp: 170770

Ion	Ratio	Lower	Upper
77	100		
123	47.0	39.2	58.8
65	12.1	9.8	14.6



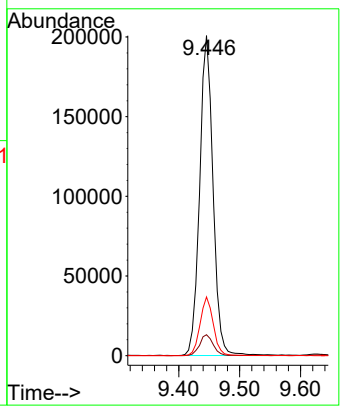


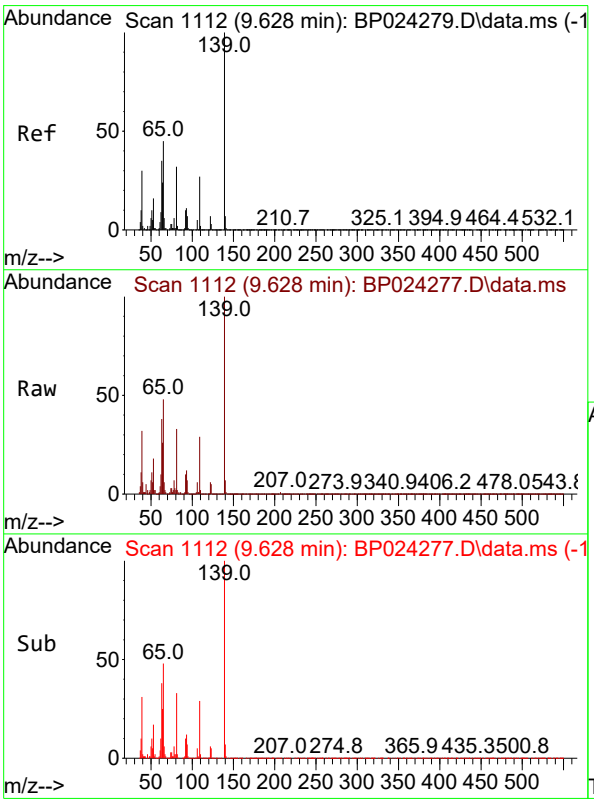
#25
Isophorone
Concen: 9.473 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 307272

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	18.3	14.4	21.6

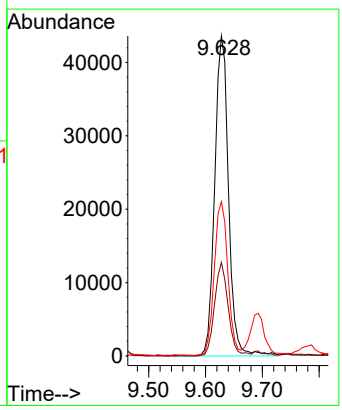


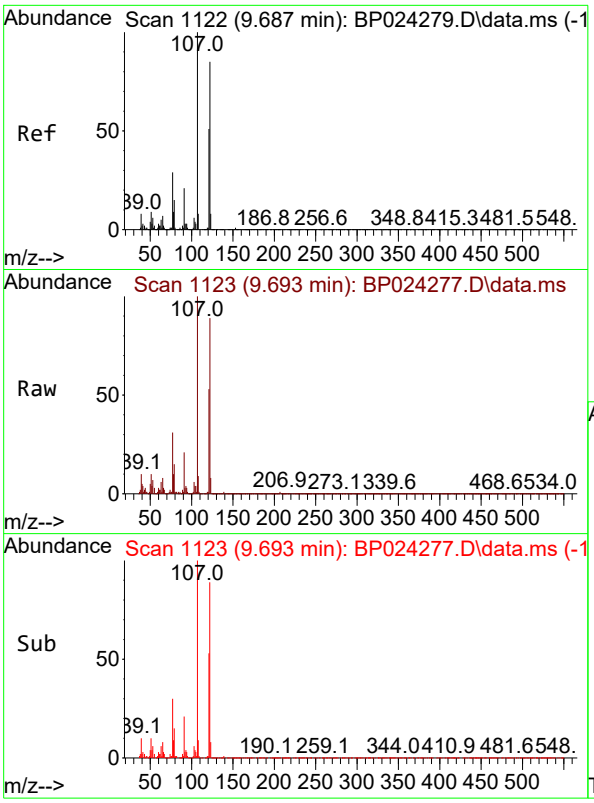


#26
2-Nitrophenol
Concen: 8.575 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:139 Resp: 73320

Ion	Ratio	Lower	Upper
139	100		
109	29.2	21.8	32.6
65	48.2	36.2	54.2



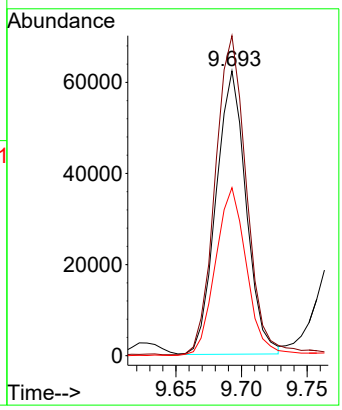


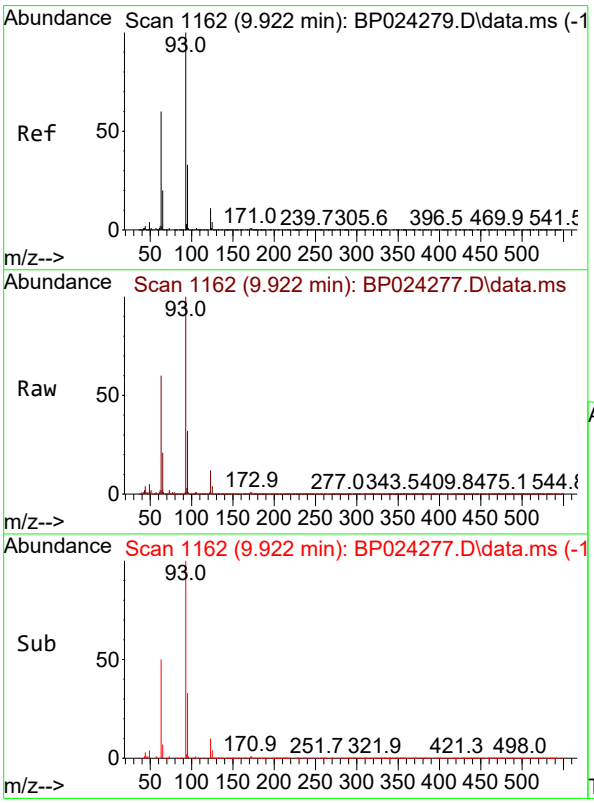
#27
2,4-Dimethylphenol
Concen: 9.152 ng
RT: 9.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 99186

Ion	Ratio	Lower	Upper
122	100		
107	112.4	93.7	140.5
121	59.0	48.2	72.2

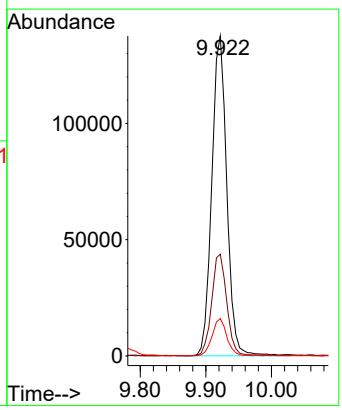


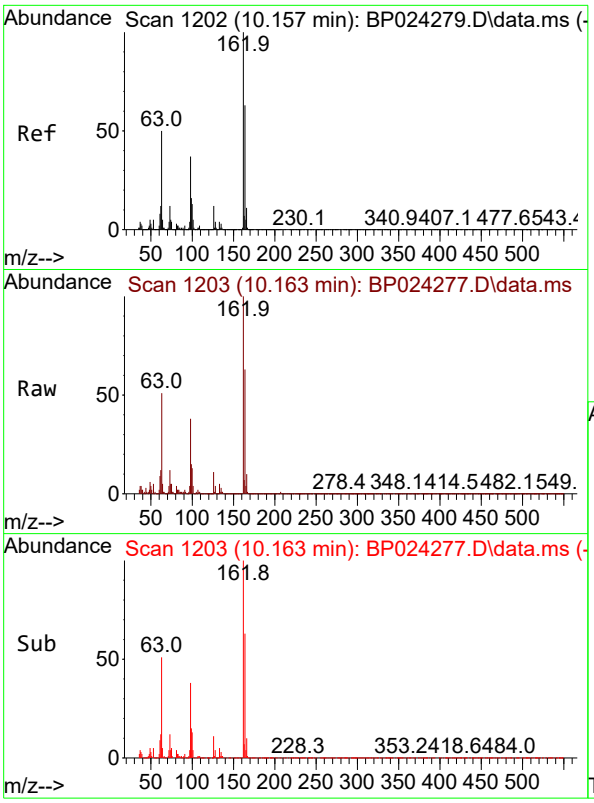


#28
bis(2-Chloroethoxy)methane
Concen: 9.869 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 93 Resp: 217866

Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.0	39.0
123	11.7	9.1	13.7



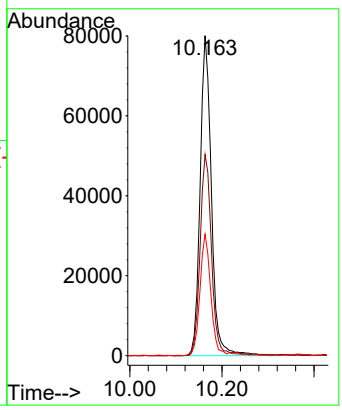


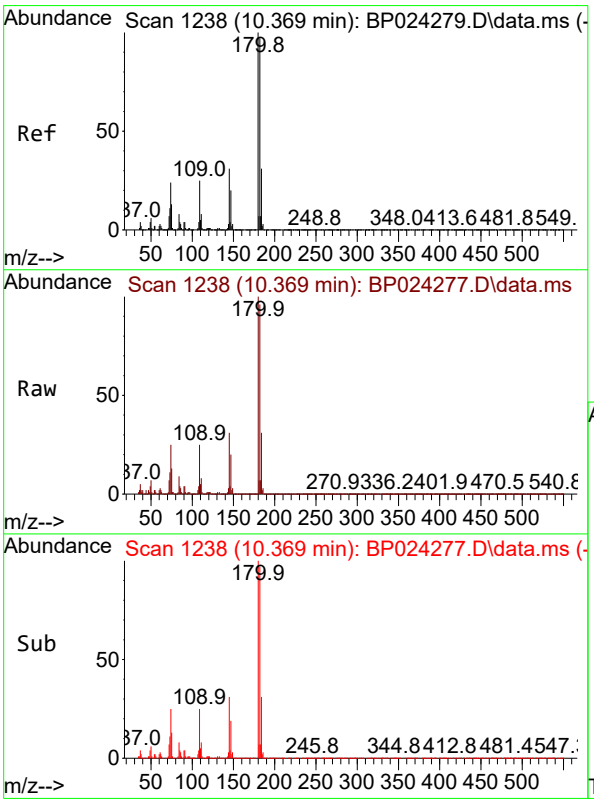
#29
2,4-Dichlorophenol
Concen: 9.263 ng
RT: 10.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 136816

Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.3	83.3
98	37.9	16.6	56.6

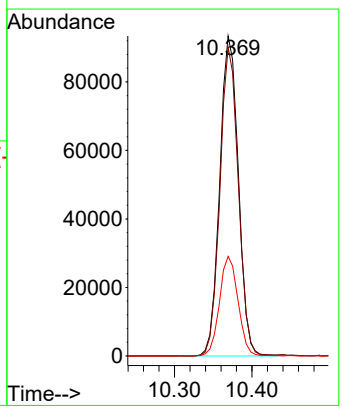


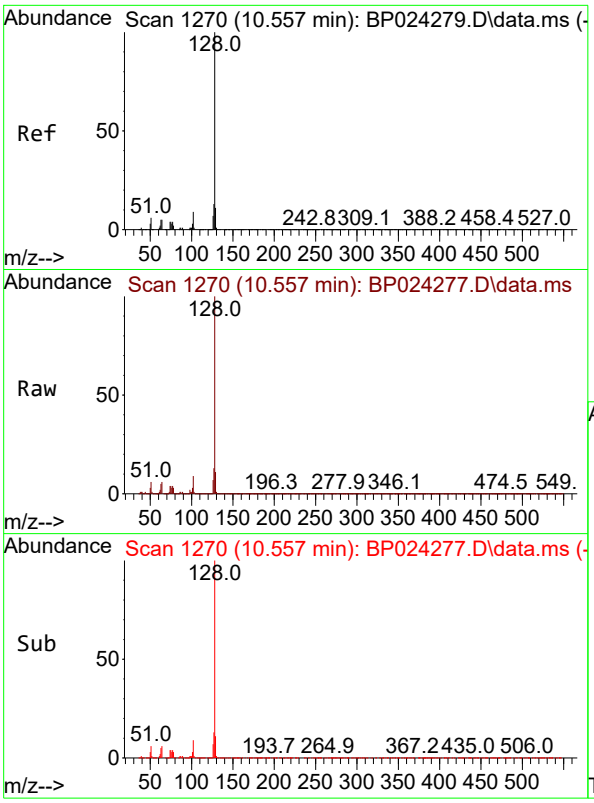


#30
1,2,4-Trichlorobenzene
Concen: 9.760 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:180 Resp: 155965

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.3	115.9
145	31.1	25.1	37.7



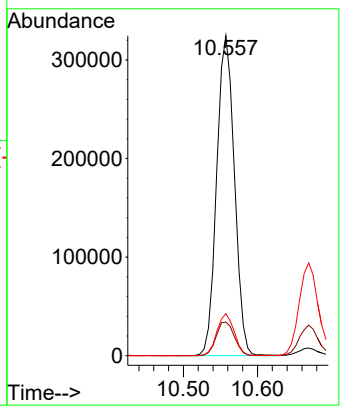


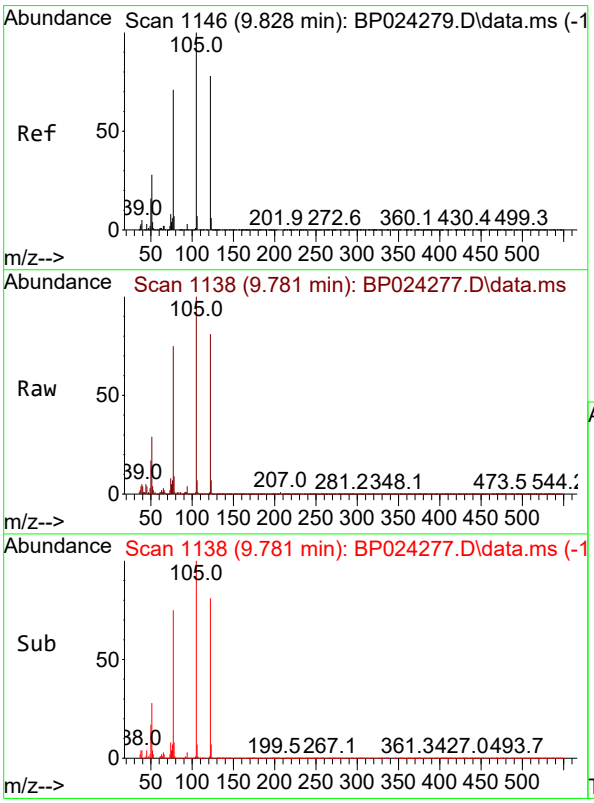
#31
Naphthalene
Concen: 9.953 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 538892

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	13.1	10.3	15.5

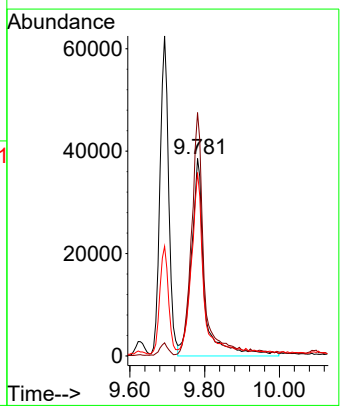


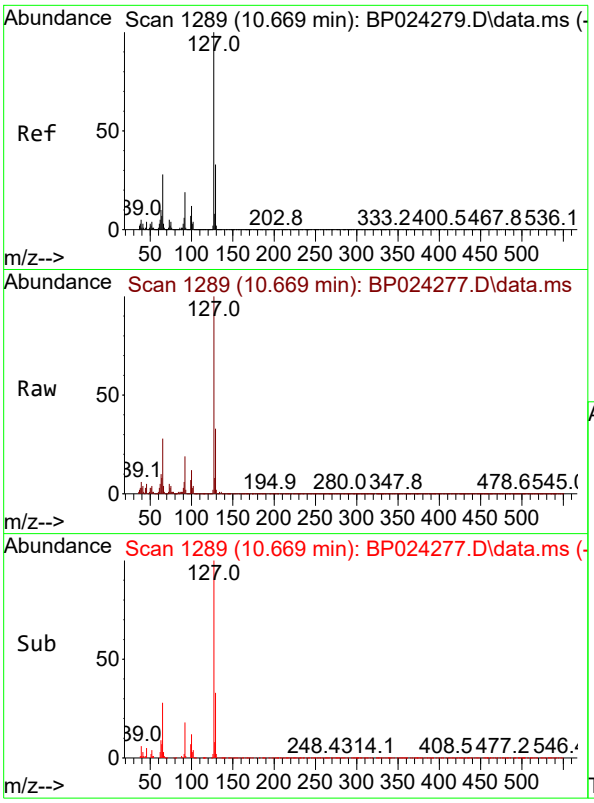


#32
Benzoic acid
Concen: 8.095 ng m
RT: 9.781 min Scan# 1138
Delta R.T. -0.047 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:122 Resp: 94803

Ion	Ratio	Lower	Upper
122	100		
105	123.3	104.8	144.8
77	92.9	69.2	109.2



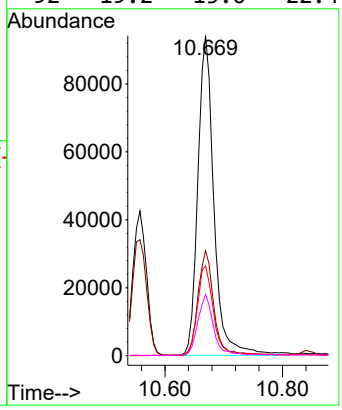


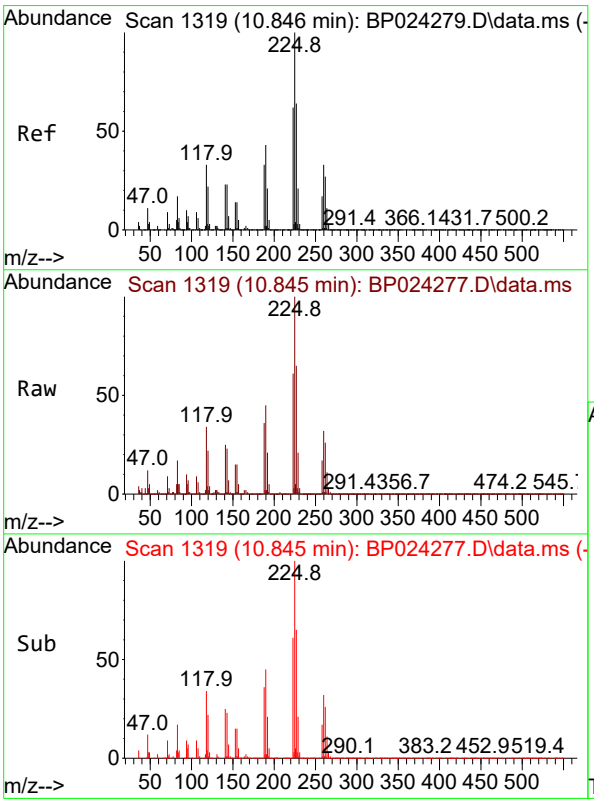
#33
4-Chloroaniline
Concen: 9.433 ng
RT: 10.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 178451

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	28.1	22.1	33.1
92	19.2	15.0	22.4

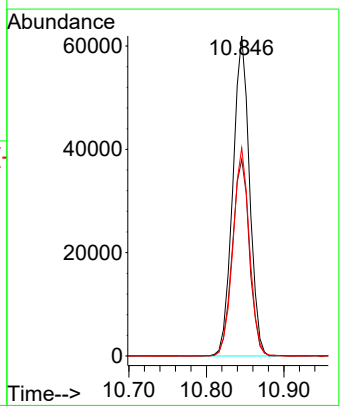


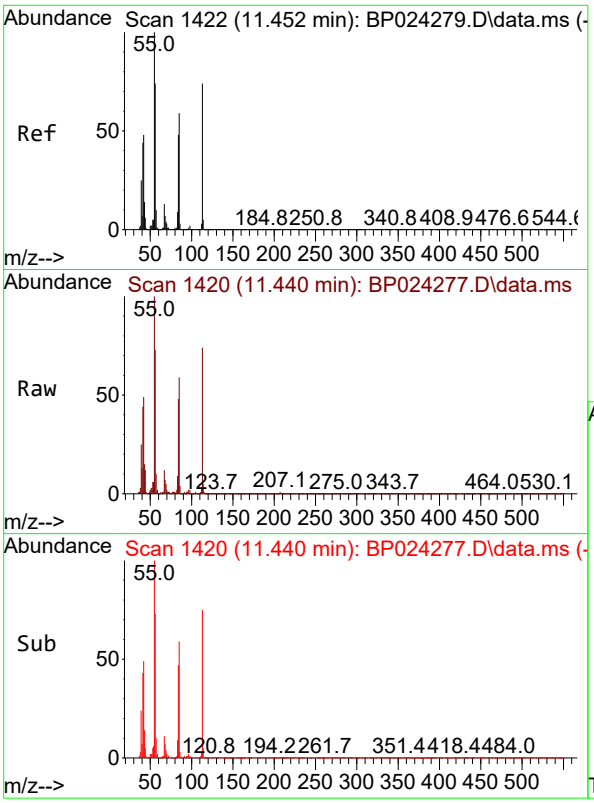


#34
Hexachlorobutadiene
Concen: 9.885 ng
RT: 10.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:225 Resp: 92662

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.5	74.3
227	65.0	50.9	76.3



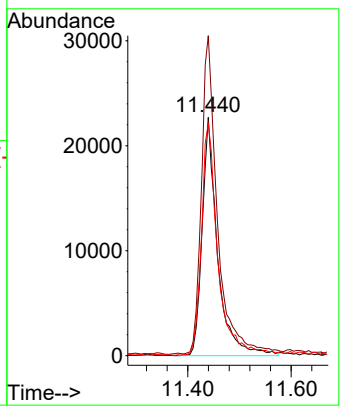


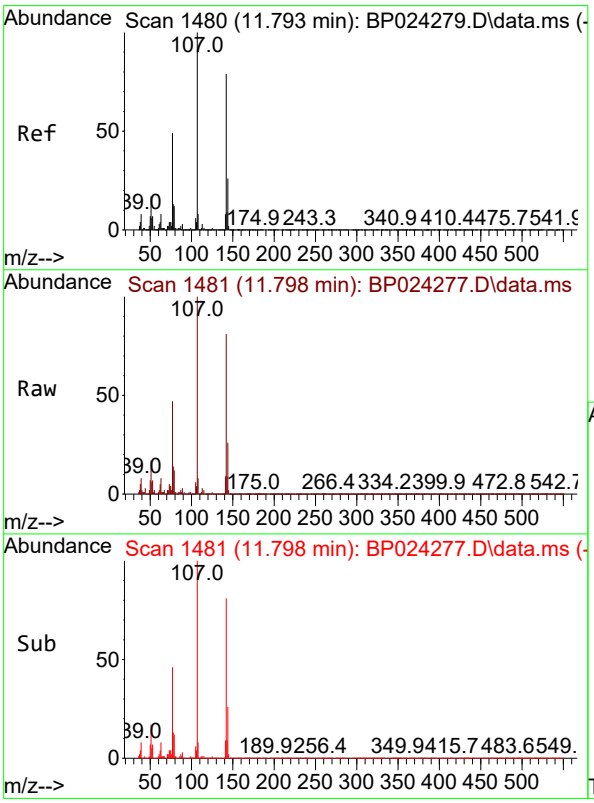
#35
Caprolactam
Concen: 8.670 ng
RT: 11.440 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 47014

Ion	Ratio	Lower	Upper
113	100		
55	134.3	115.9	155.9
56	97.4	81.1	121.1

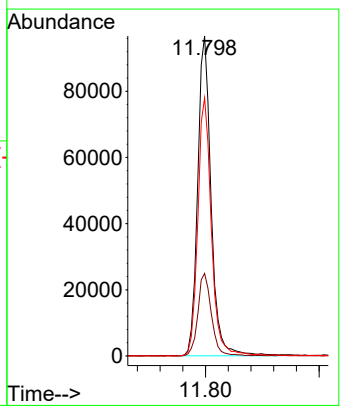


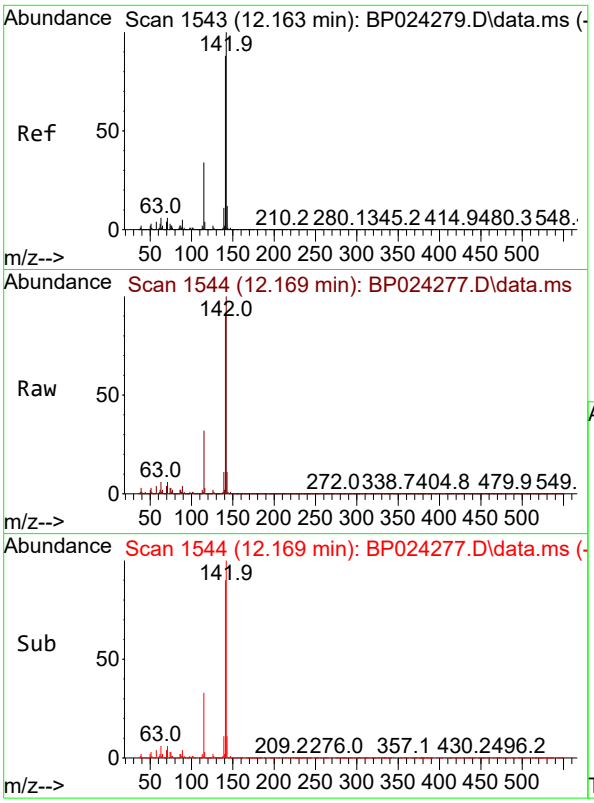


#36
4-Chloro-3-methylphenol
Concen: 9.213 ng
RT: 11.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:107 Resp: 158563

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	80.6	63.4	95.2



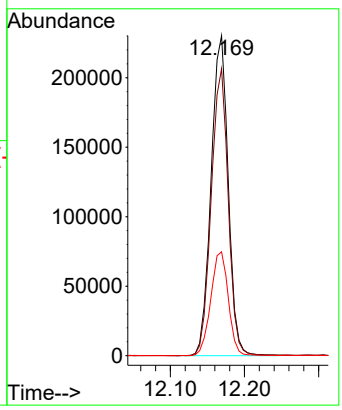


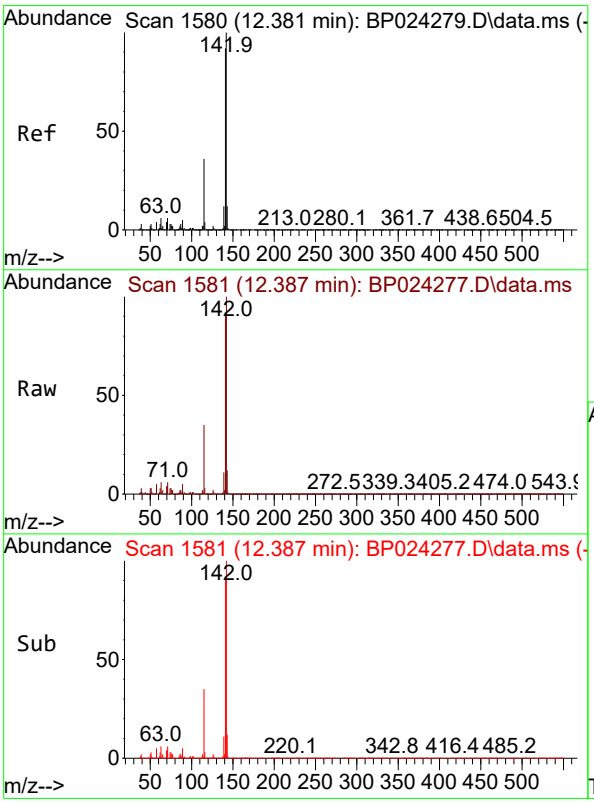
#37
2-Methylnaphthalene
Concen: 9.810 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 368122

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.3	105.5
115	32.5	26.9	40.3

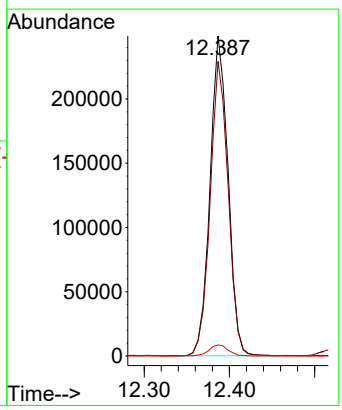


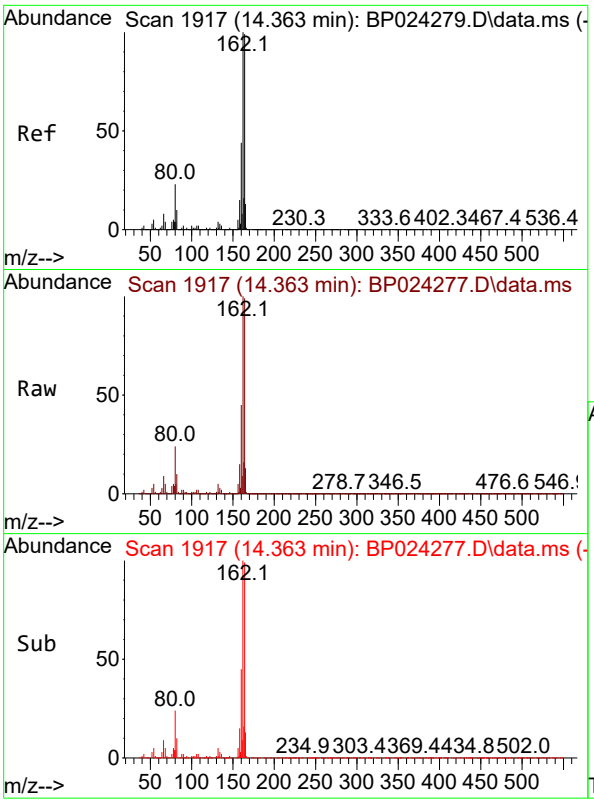


#38
1-Methylnaphthalene
Concen: 9.933 ng
RT: 12.387 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:142 Resp: 365139

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.6	110.4
116	3.5	3.0	4.6



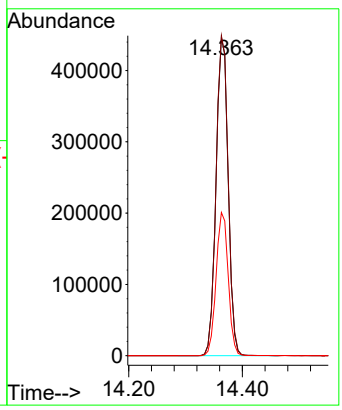


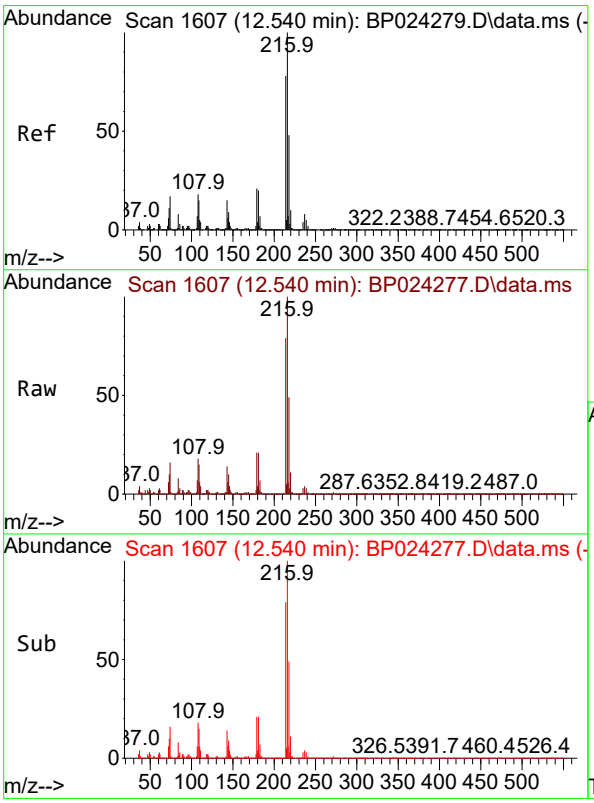
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 658652

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	45.0	35.3	52.9

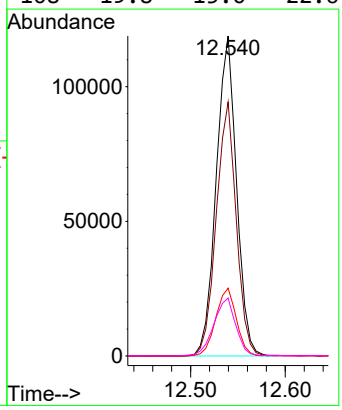


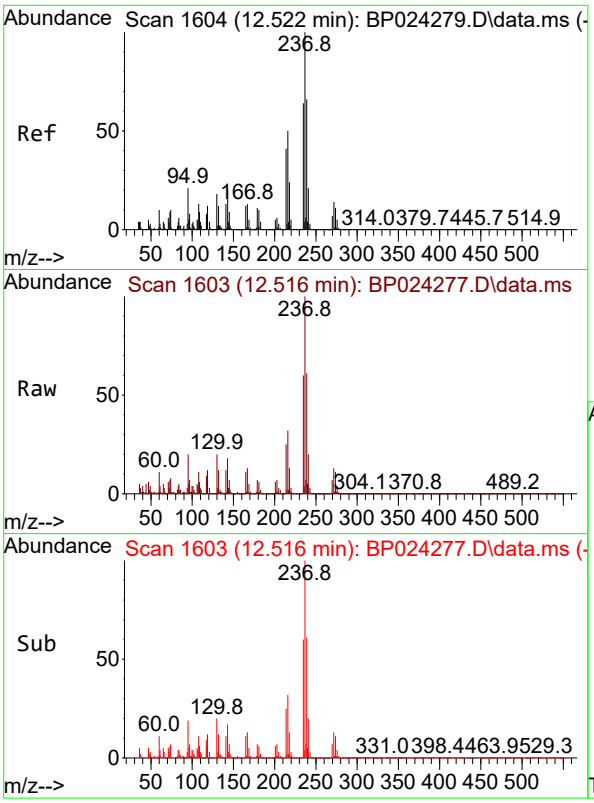


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.789 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:216 Resp: 177188

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	93.8
179	21.5	17.2	25.8
108	19.8	15.0	22.6



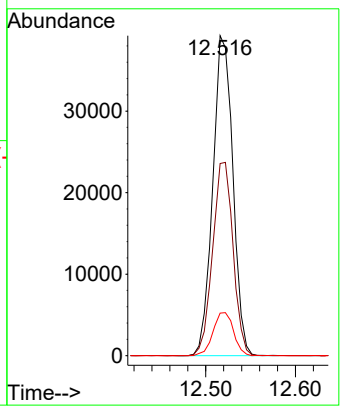


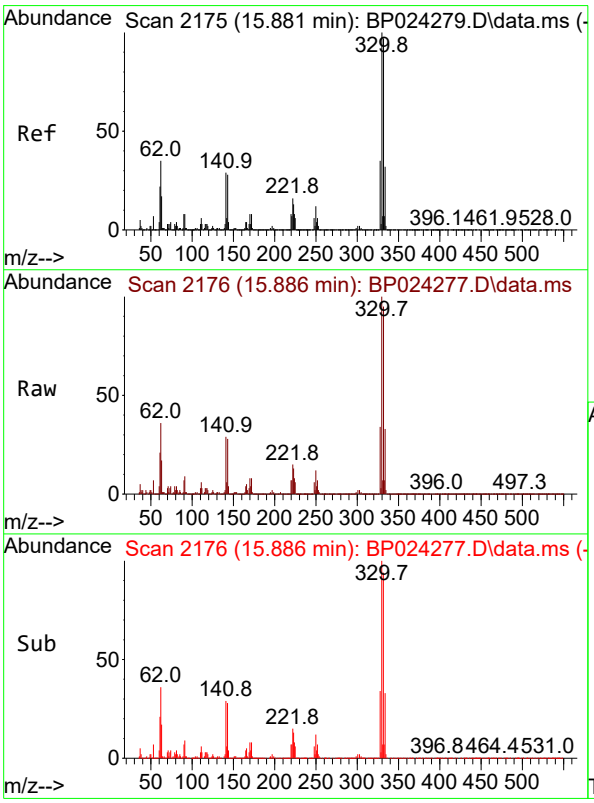
#41
Hexachlorocyclopentadiene
Concen: 9.586 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 60914

Ion	Ratio	Lower	Upper
237	100		
235	60.0	43.9	83.9
272	13.3	0.0	33.6

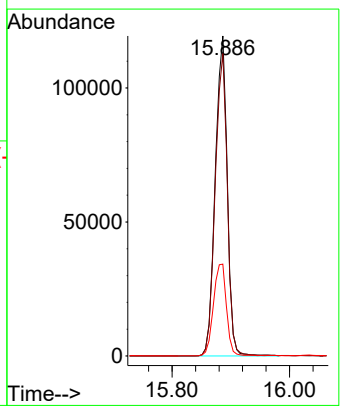


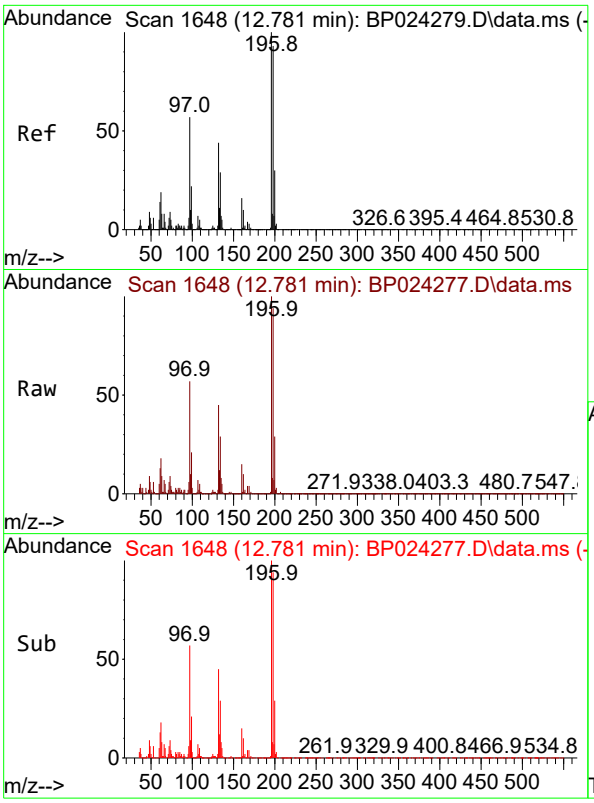


#42
2,4,6-Tribromophenol
Concen: 18.715 ng
RT: 15.886 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:330 Resp: 168790

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	31.2	24.7	37.1



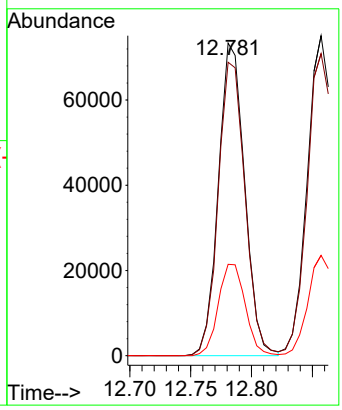


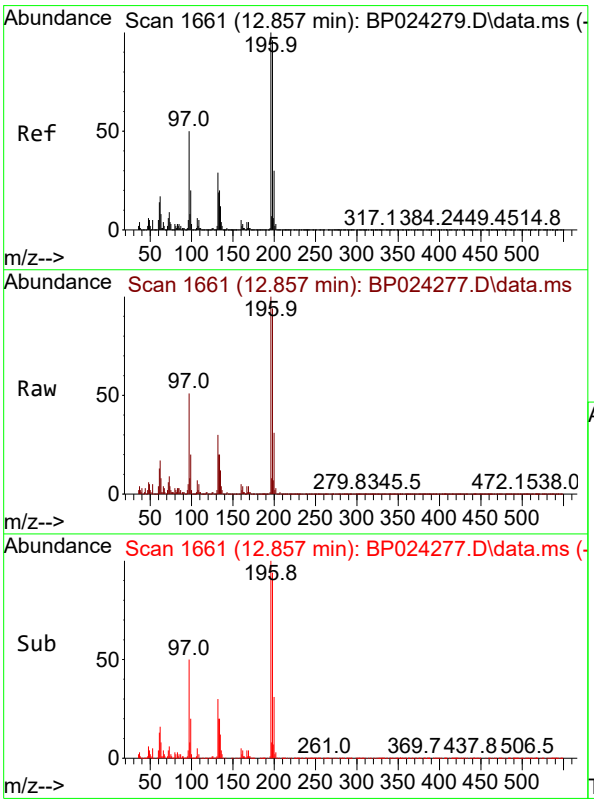
#43
2,4,6-Trichlorophenol
Concen: 9.253 ng
RT: 12.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 110203

Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.3	111.5
200	29.3	24.0	36.0

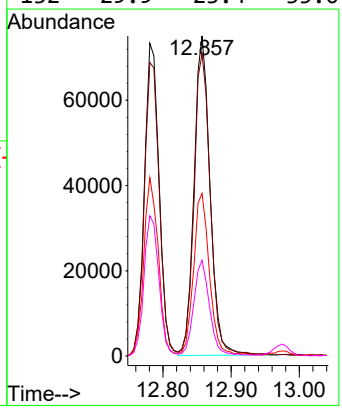


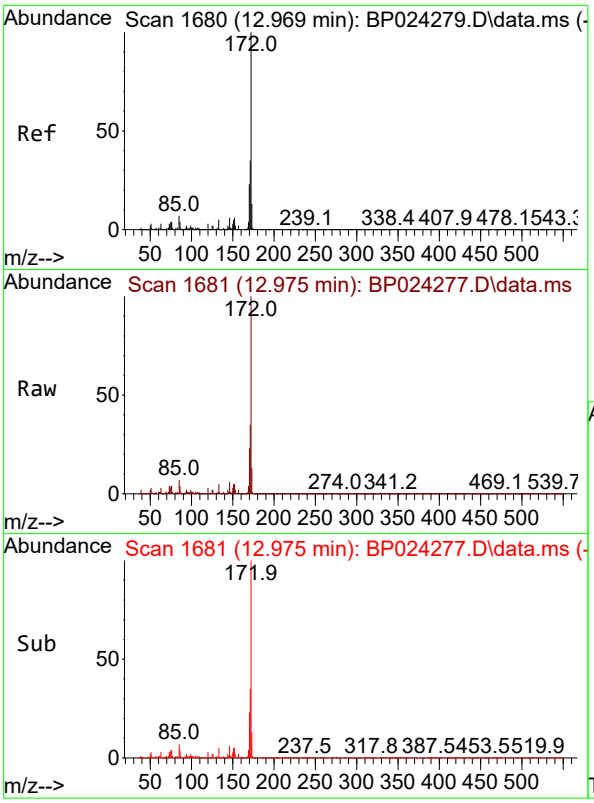


#44
2,4,5-Trichlorophenol
Concen: 9.251 ng
RT: 12.857 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:196 Resp: 122104

Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.3	115.9
97	50.8	40.4	60.6
132	29.9	23.4	35.0



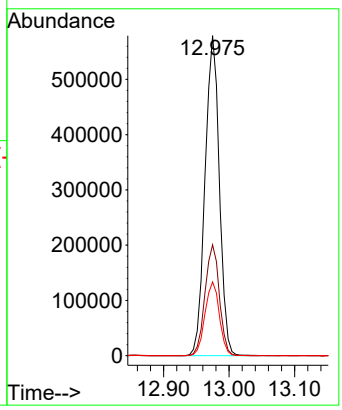


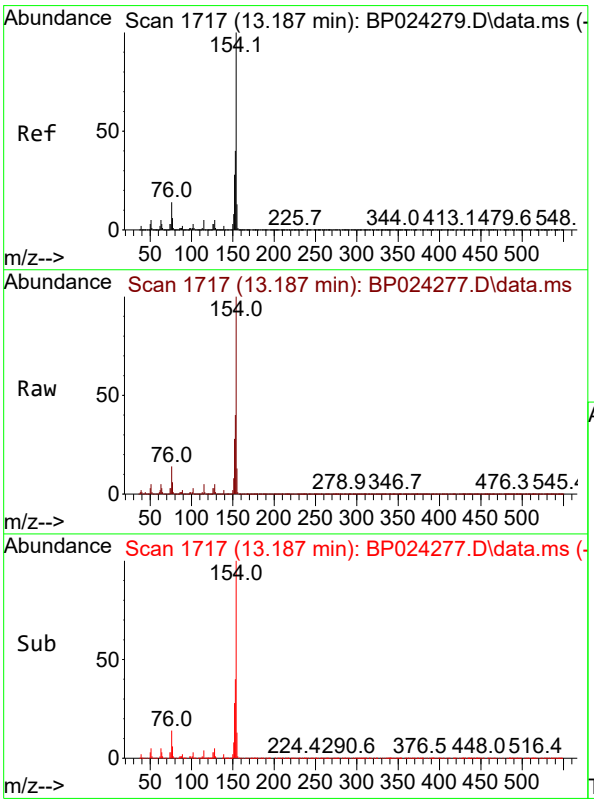
#45
2-Fluorobiphenyl
Concen: 20.247 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 878366

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.0	18.6	27.8

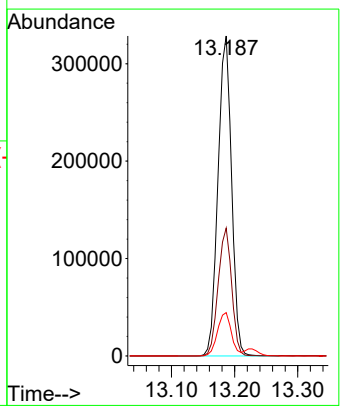


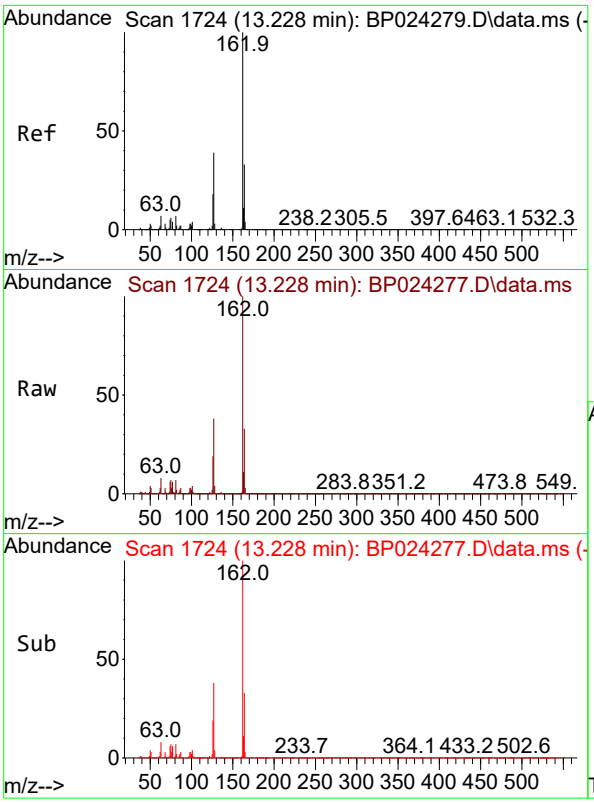


#46
1,1'-Biphenyl
Concen: 10.080 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:154 Resp: 490325

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	13.6	0.0	33.5



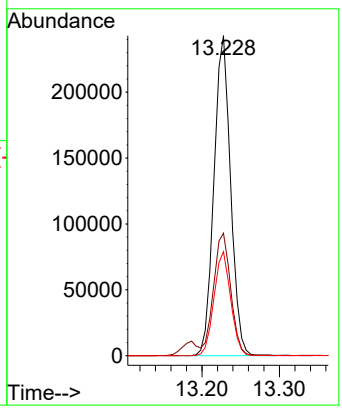


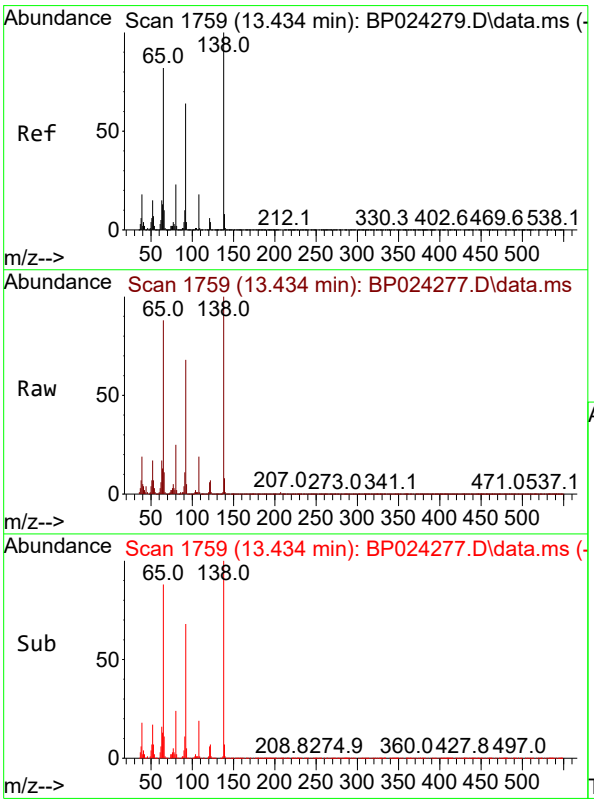
#47
2-Chloronaphthalene
Concen: 9.985 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 362419

Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.9	47.9
164	32.5	26.2	39.4

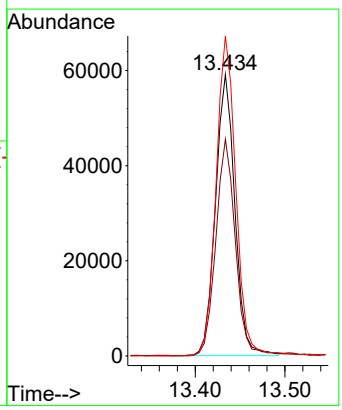


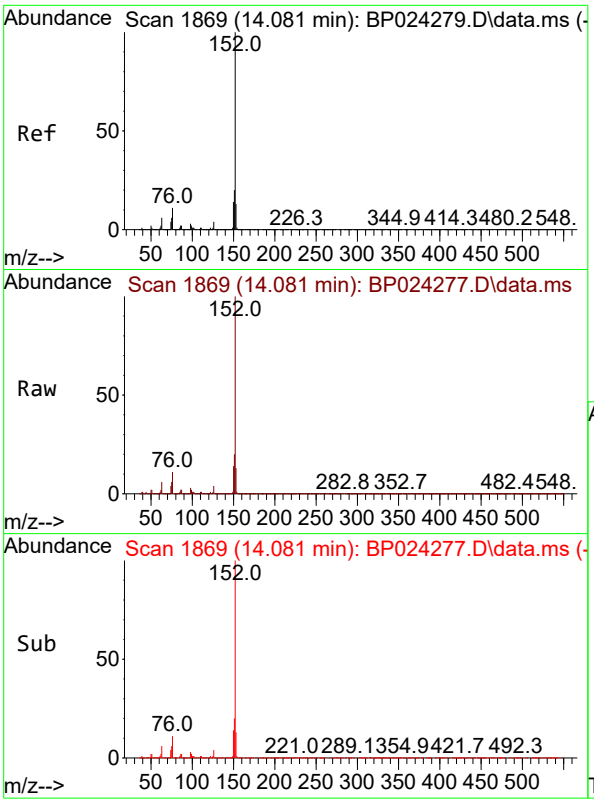


#48
2-Nitroaniline
Concen: 8.866 ng
RT: 13.434 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 65 Resp: 88889

Ion	Ratio	Lower	Upper
65	100		
92	77.0	62.3	93.5
138	113.7	97.2	145.8



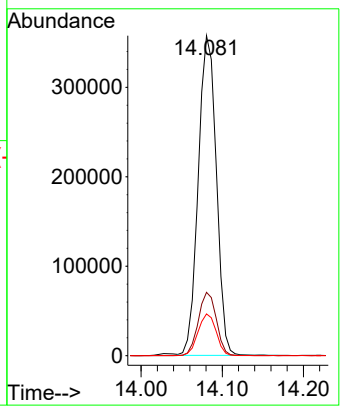


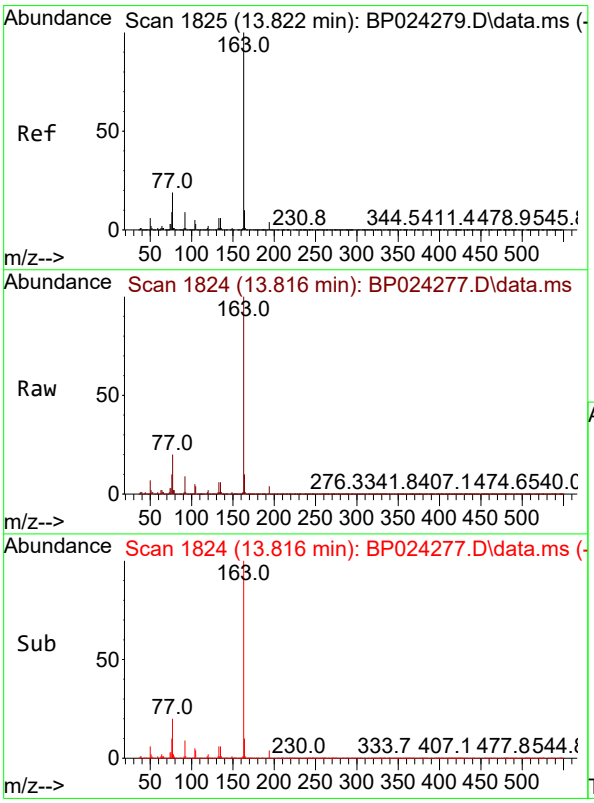
#49
Acenaphthylene
Concen: 9.711 ng
RT: 14.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 553215

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.1	10.6	15.8

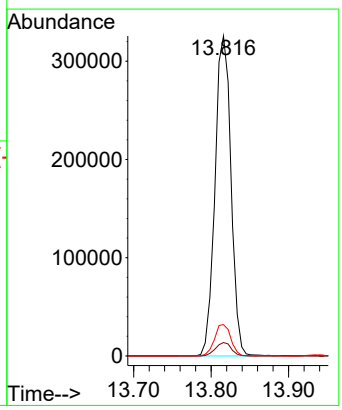


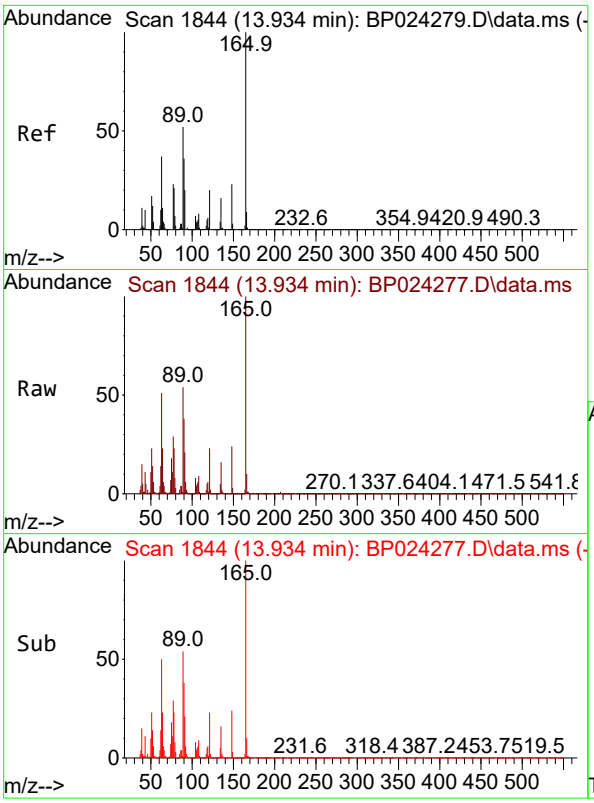


#50
Dimethylphthalate
Concen: 9.704 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:163 Resp: 466314

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.8	8.0	12.0



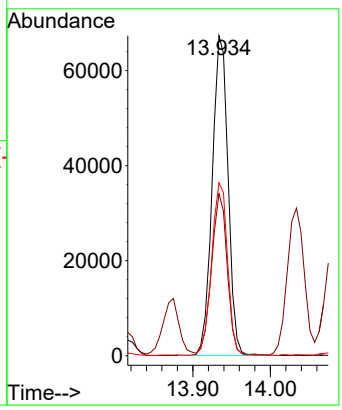


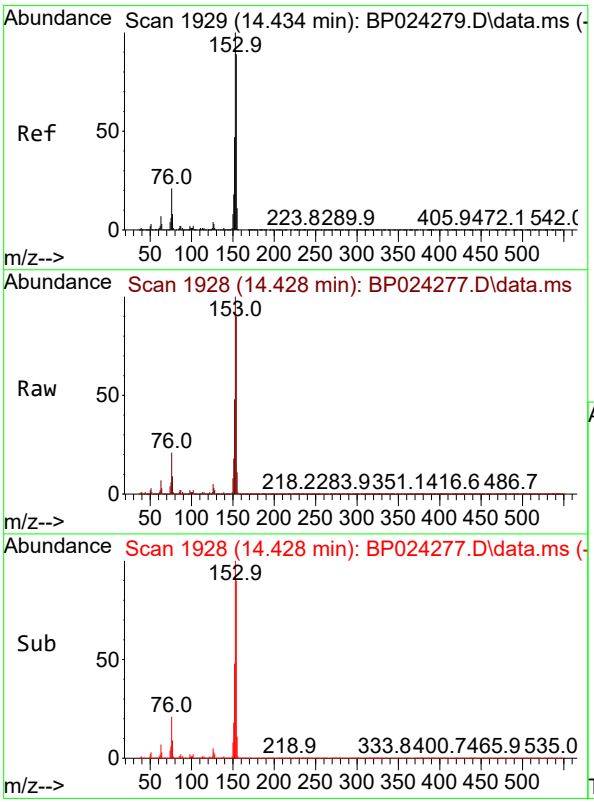
#51
2,6-Dinitrotoluene
Concen: 9.442 ng
RT: 13.934 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 95596

Ion	Ratio	Lower	Upper
165	100		
63	50.6	38.0	57.0
89	54.0	41.7	62.5

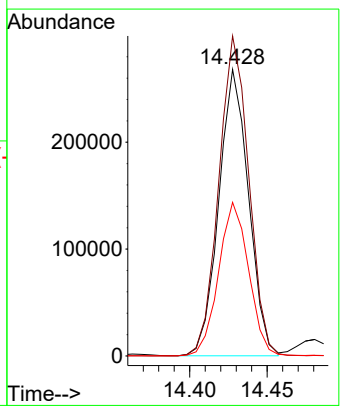


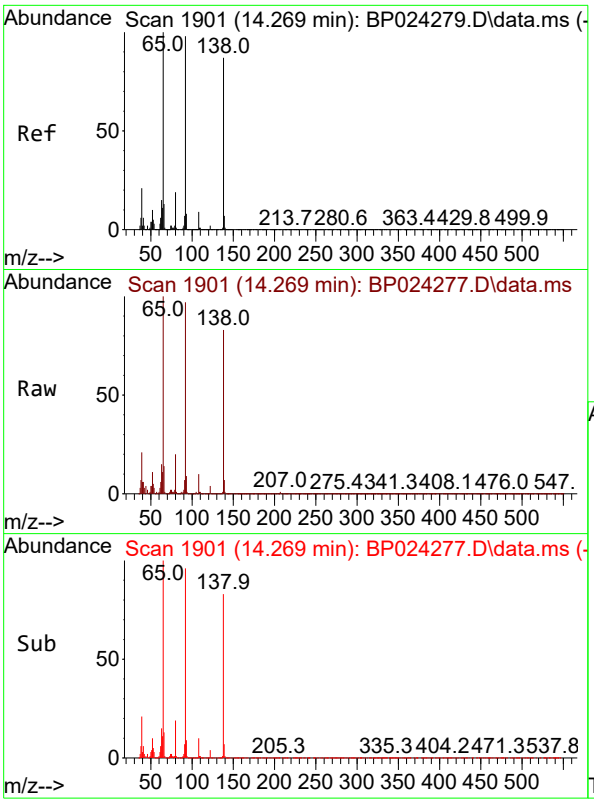


#52
Acenaphthene
Concen: 9.877 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:154 Resp: 357828

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.8	134.6
152	53.6	42.6	63.8



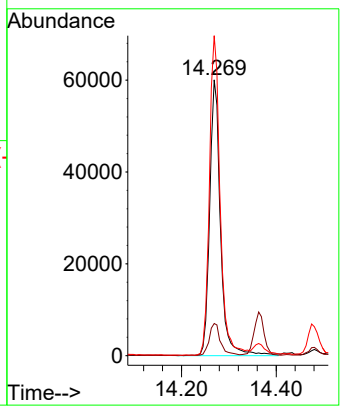


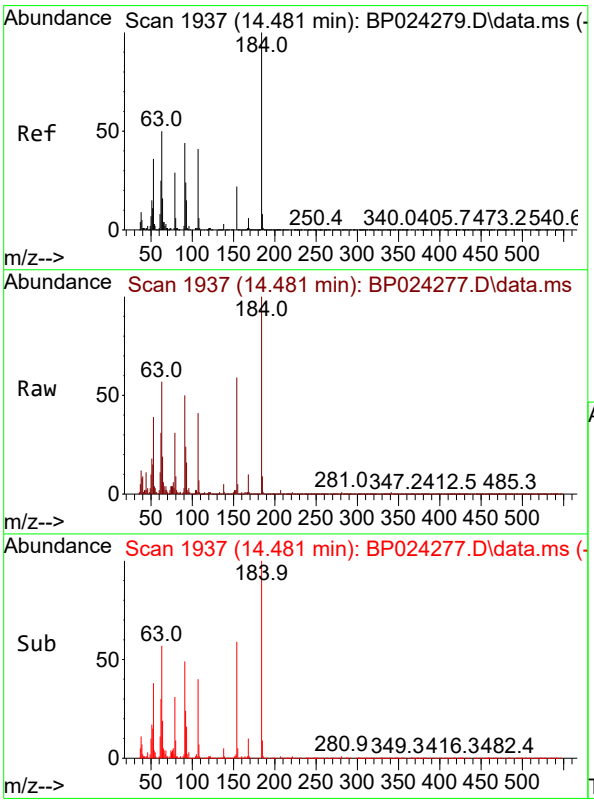
#53
3-Nitroaniline
Concen: 9.067 ng
RT: 14.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 95237

Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.3	12.5
92	116.0	89.8	134.8

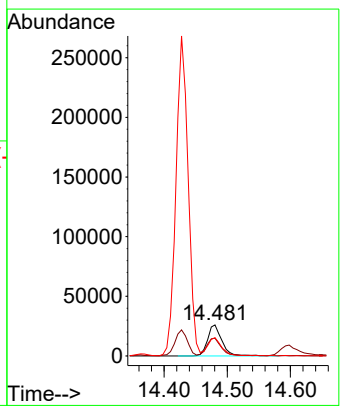


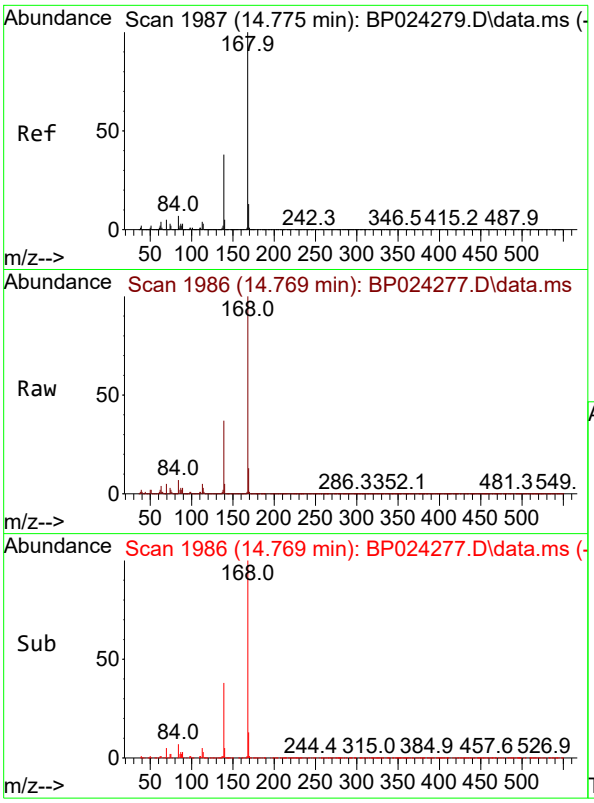


#54
2,4-Dinitrophenol
Concen: 7.588 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:184 Resp: 41132

Ion	Ratio	Lower	Upper
184	100		
63	57.2	42.6	64.0
154	58.9	47.2	70.8



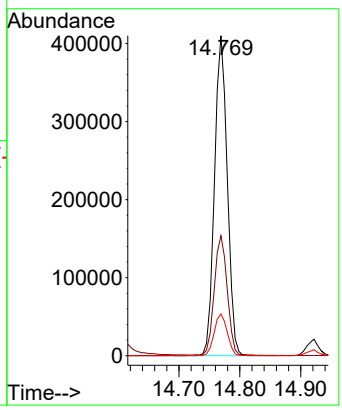


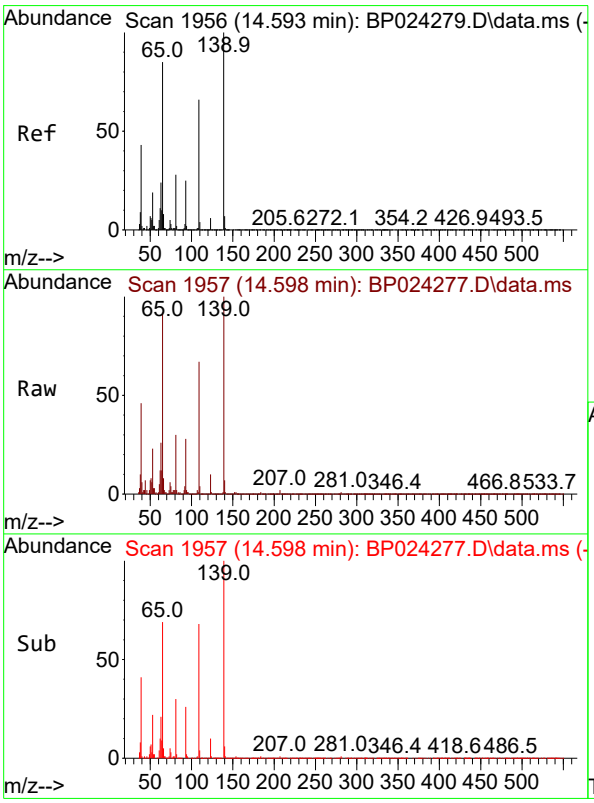
#55
Dibenzofuran
Concen: 10.013 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 594953

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.3	45.5
169	13.1	10.6	16.0

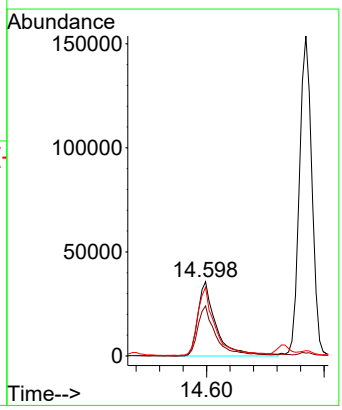


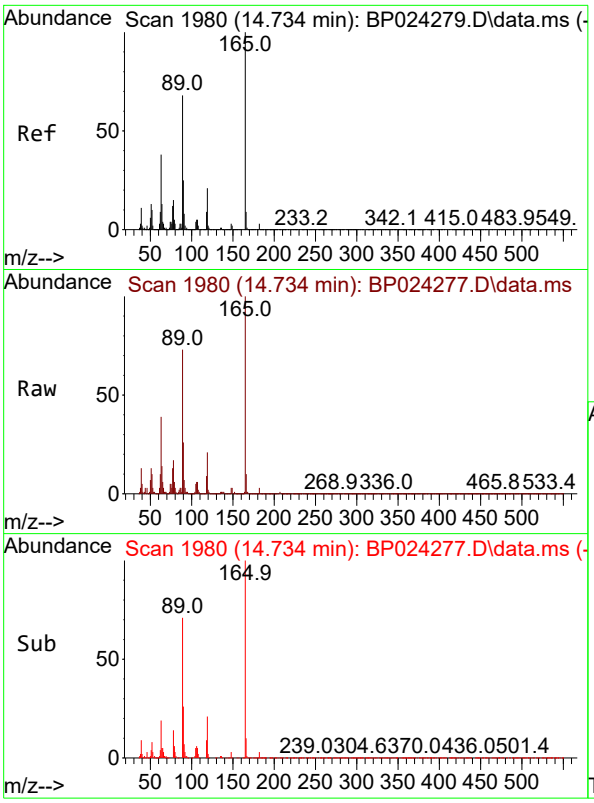


#56
4-Nitrophenol
Concen: 8.416 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:139 Resp: 75995

Ion	Ratio	Lower	Upper
139	100		
109	67.3	46.1	86.1
65	92.4	65.0	105.0



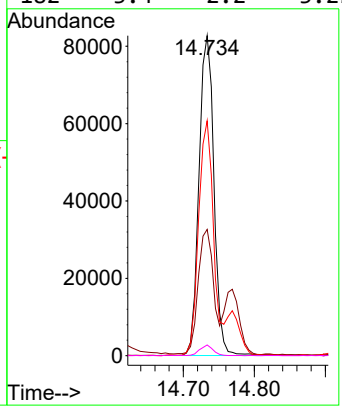


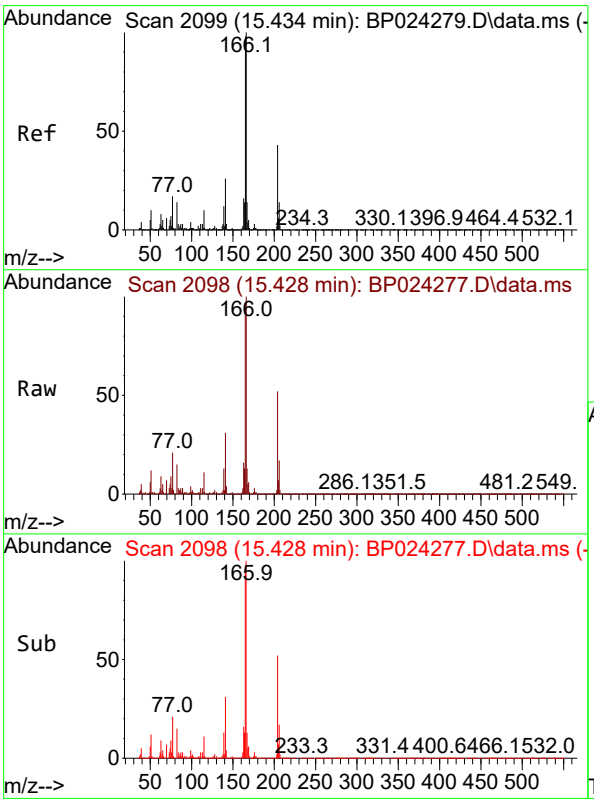
#57
2,4-Dinitrotoluene
Concen: 8.862 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 121276

Ion	Ratio	Lower	Upper
165	100		
63	39.5	30.4	45.6
89	73.4	54.6	82.0
182	3.4	2.2	3.2#

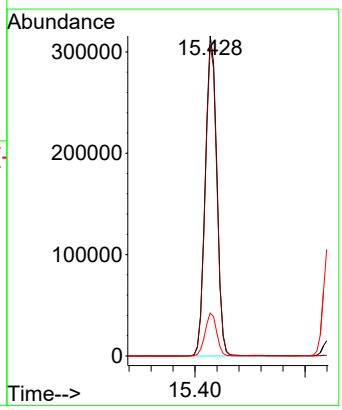


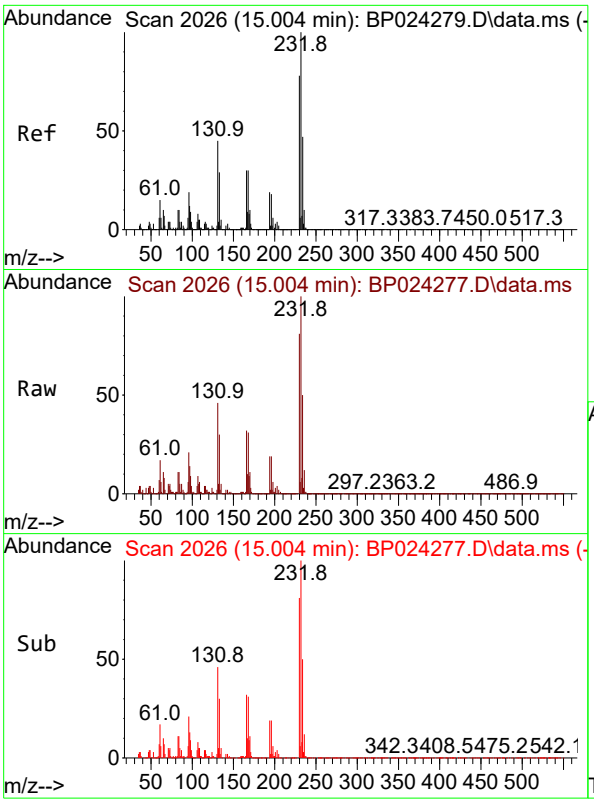


#58
Fluorene
Concen: 10.026 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:166 Resp: 459952

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.1	117.1
167	13.4	10.9	16.3



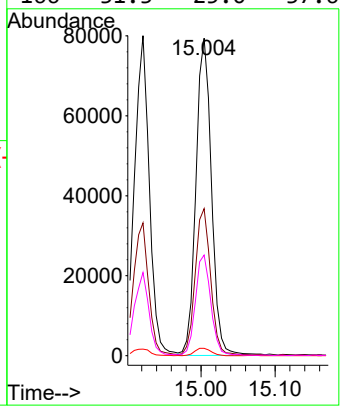


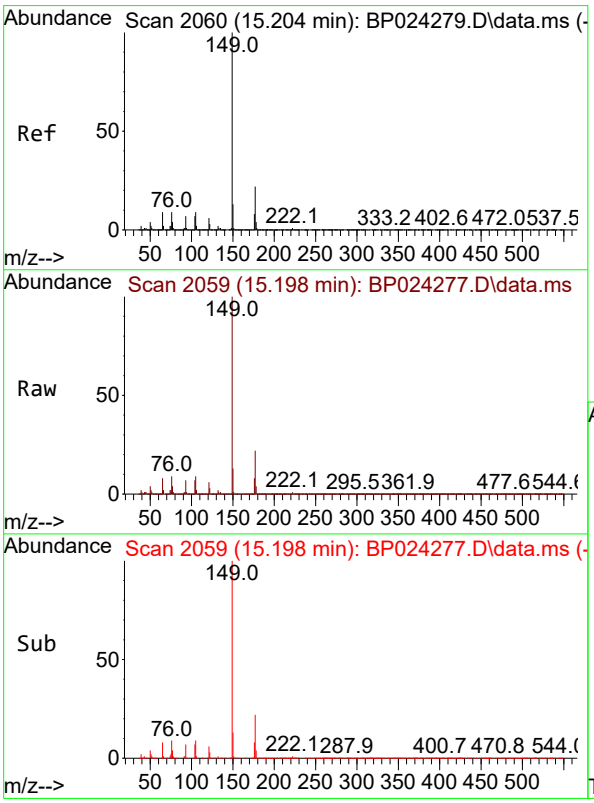
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.470 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 115645

Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.8	55.2
130	2.5	1.9	2.9
166	31.3	25.0	37.6

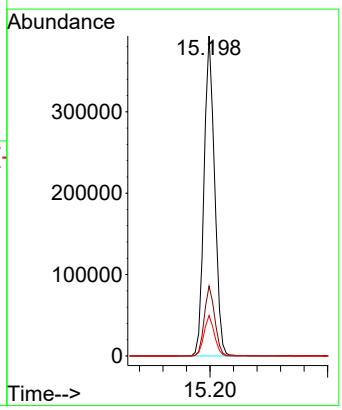


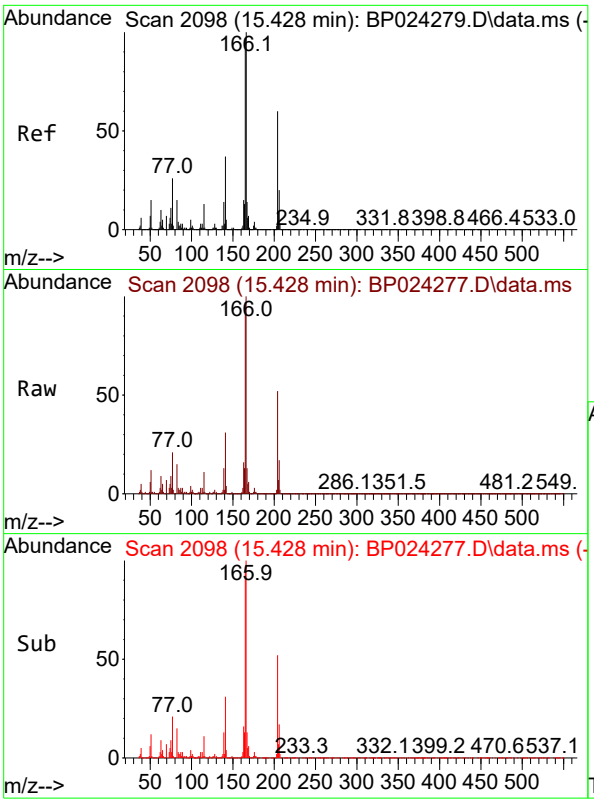


#60
Diethylphthalate
Concen: 9.884 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:149 Resp: 488847

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.6	10.1	15.1



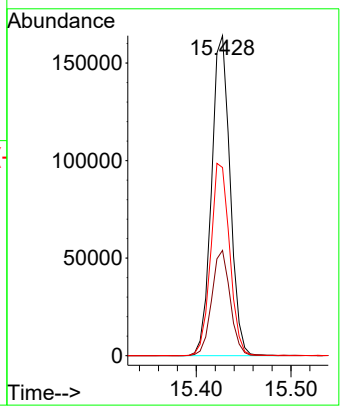


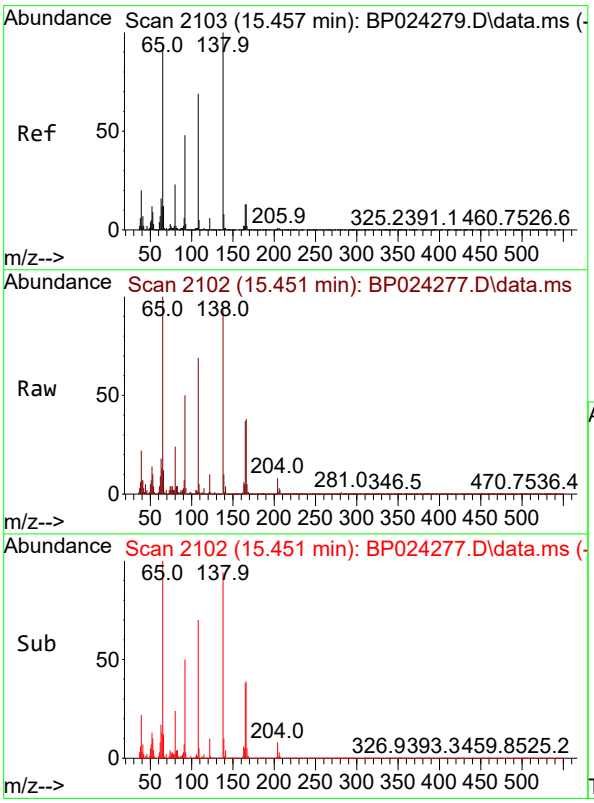
#61
4-Chlorophenyl-phenylether
Concen: 9.985 ng
RT: 15.428 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 222437

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	58.8	49.4	74.0

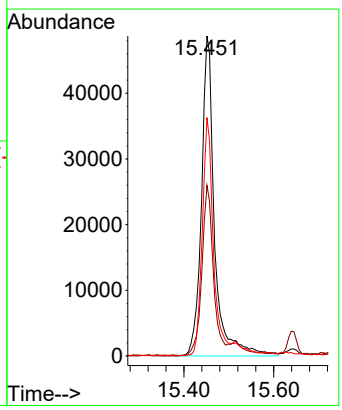


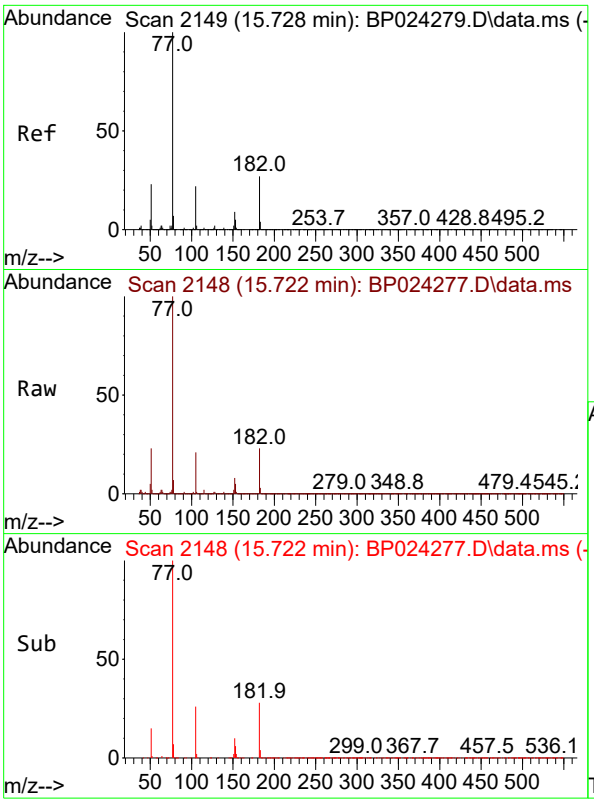


#62
4-Nitroaniline
Concen: 8.857 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:138 Resp: 98638

Ion	Ratio	Lower	Upper
138	100		
92	53.3	27.8	67.8
108	74.5	48.9	88.9



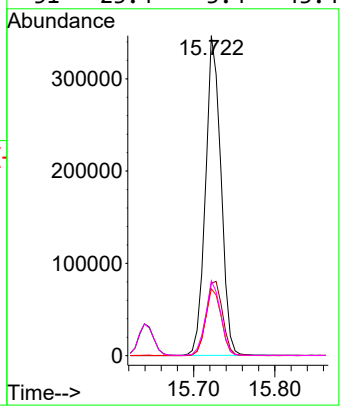


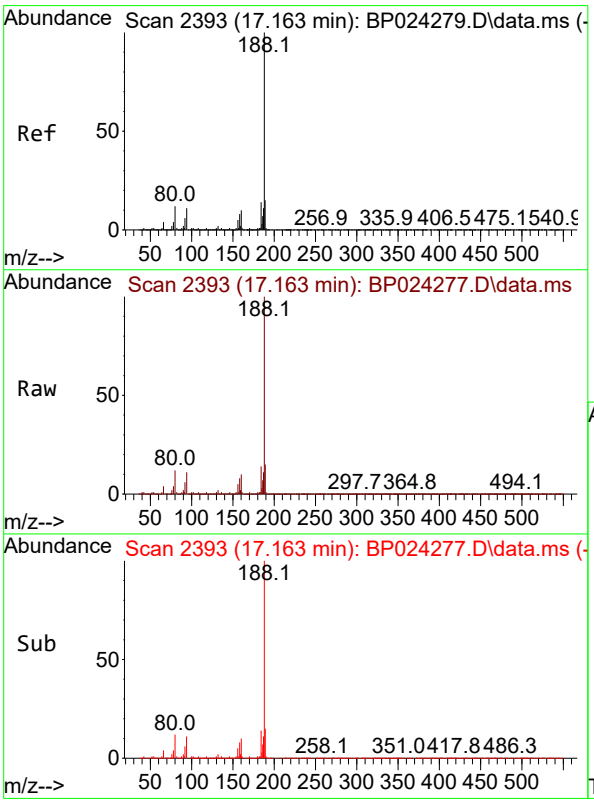
#63
Azobenzene
Concen: 9.999 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 455459

Ion	Ratio	Lower	Upper
77	100		
182	22.7	7.3	47.3
105	20.9	2.3	42.3
51	23.4	3.4	43.4

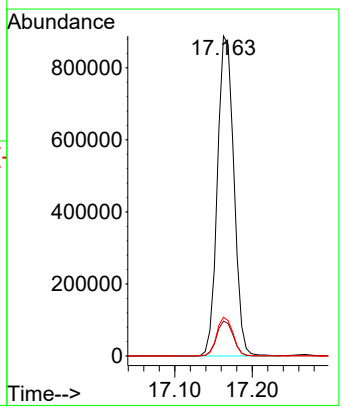


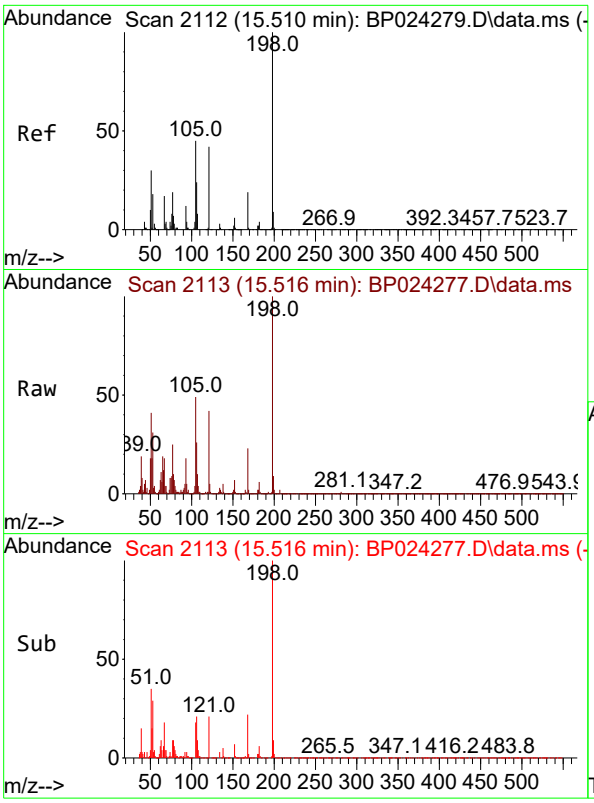


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:188 Resp: 1310701

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.6	13.0
80	12.1	9.8	14.6



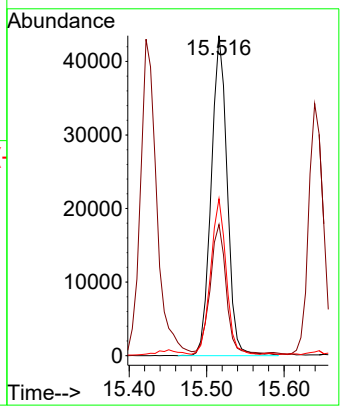


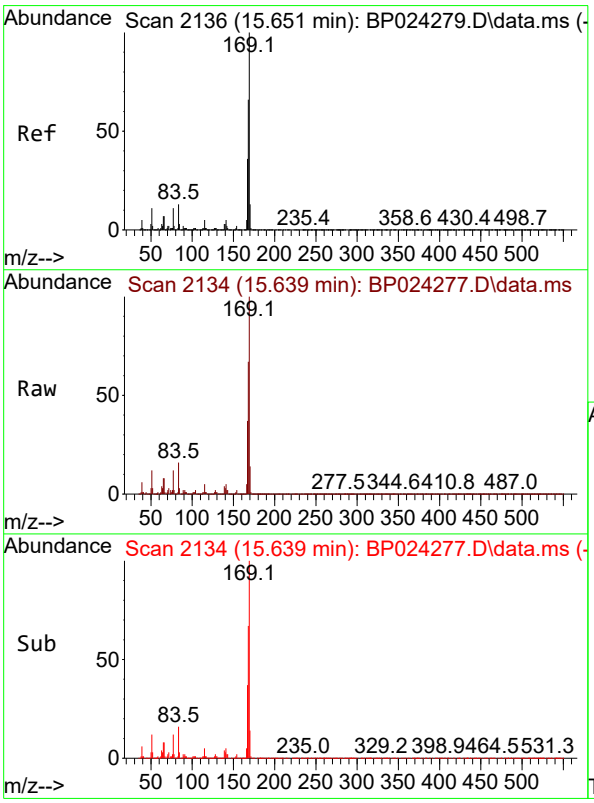
#65
4,6-Dinitro-2-methylphenol
Concen: 8.151 ng
RT: 15.516 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 62421

Ion	Ratio	Lower	Upper
198	100		
51	41.0	18.4	58.4
105	49.0	26.5	66.5

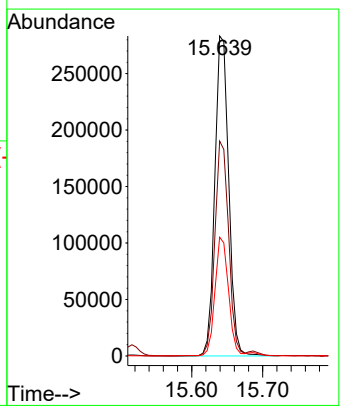


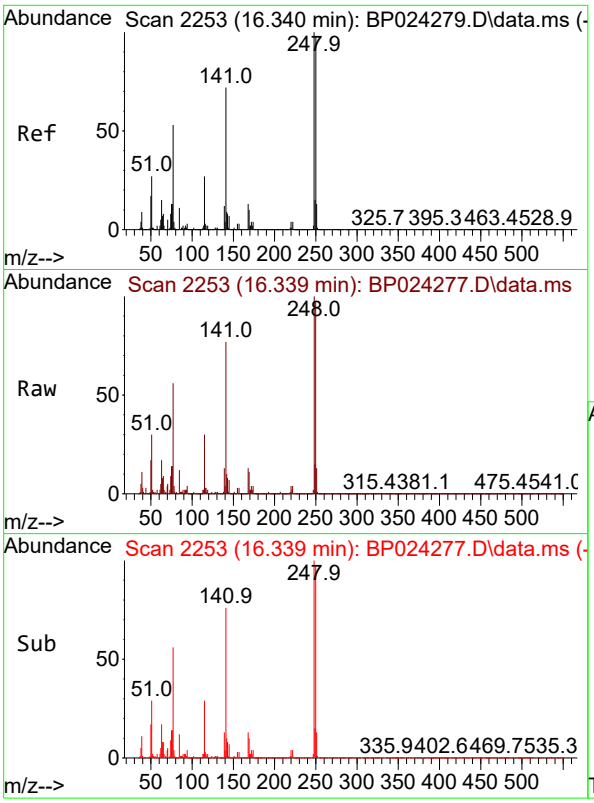


#66
n-Nitrosodiphenylamine
Concen: 9.759 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:169 Resp: 383558

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.0	79.4
167	37.1	28.9	43.3



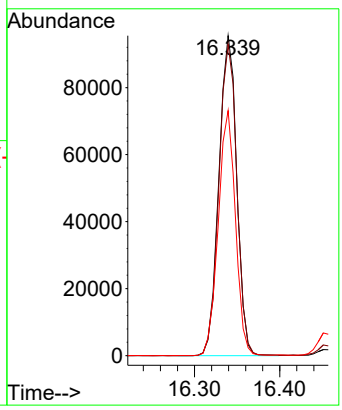


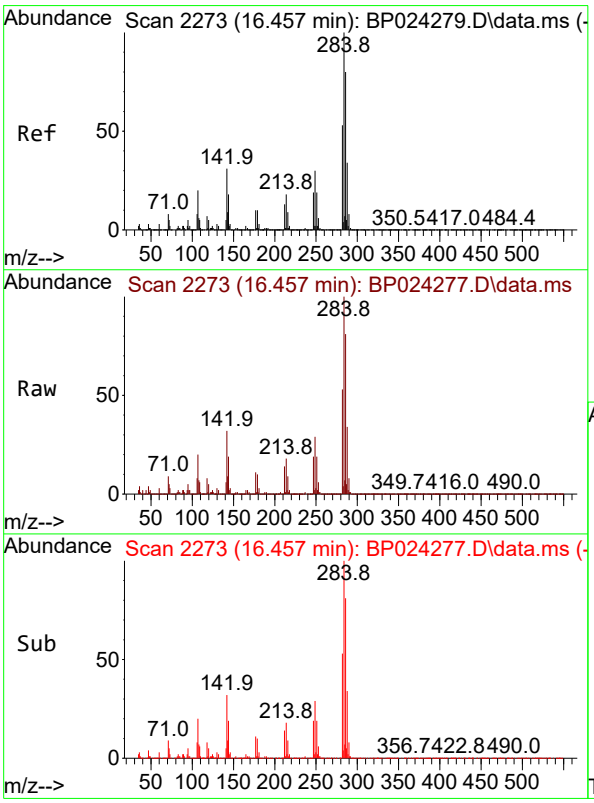
#67
4-Bromophenyl-phenylether
Concen: 9.703 ng
RT: 16.339 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 138724

Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.2	117.4
141	76.6	57.7	86.5

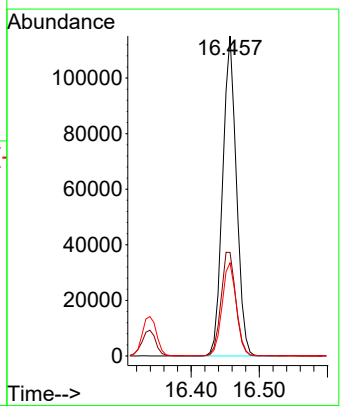


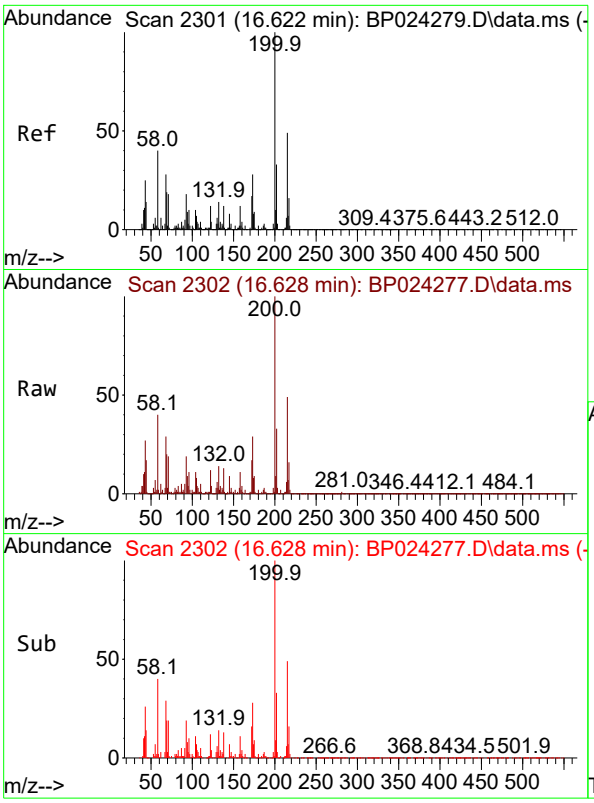


#68
Hexachlorobenzene
Concen: 9.528 ng
RT: 16.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:284 Resp: 161944

Ion	Ratio	Lower	Upper
284	100		
142	32.4	24.6	37.0
249	29.1	23.8	35.6



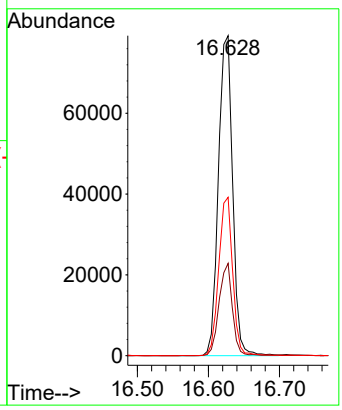


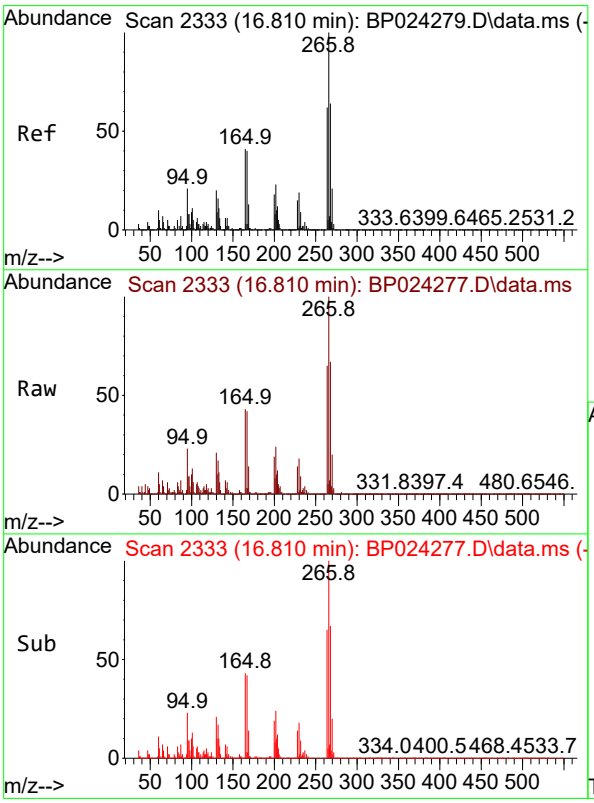
#69
Atrazine
Concen: 10.990 ng
RT: 16.628 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 109503

Ion	Ratio	Lower	Upper
200	100		
173	28.8	7.5	47.5
215	49.5	28.8	68.8

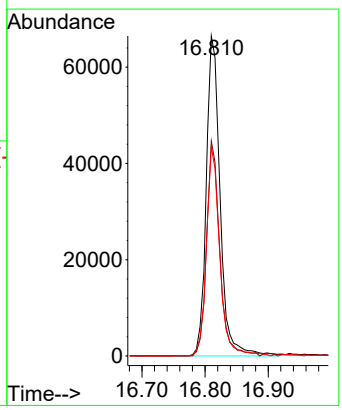


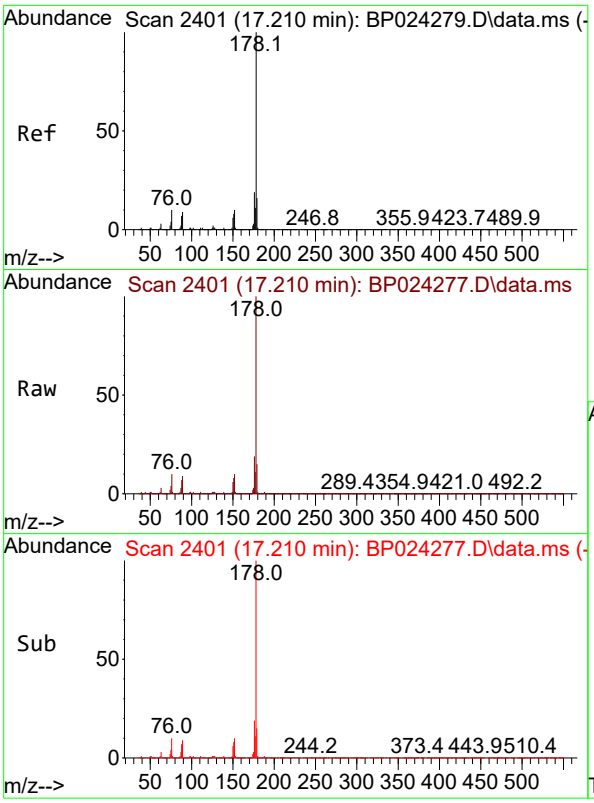


#70
Pentachlorophenol
Concen: 8.682 ng
RT: 16.810 min Scan# 2333
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:266 Resp: 101318

Ion	Ratio	Lower	Upper
266	100		
268	67.1	51.0	76.6
264	65.3	49.8	74.6



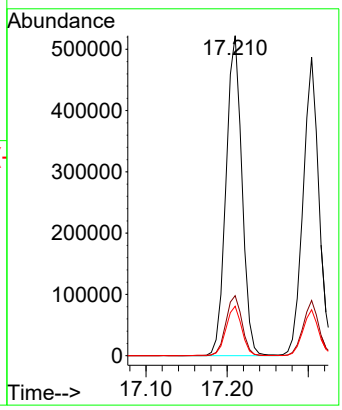


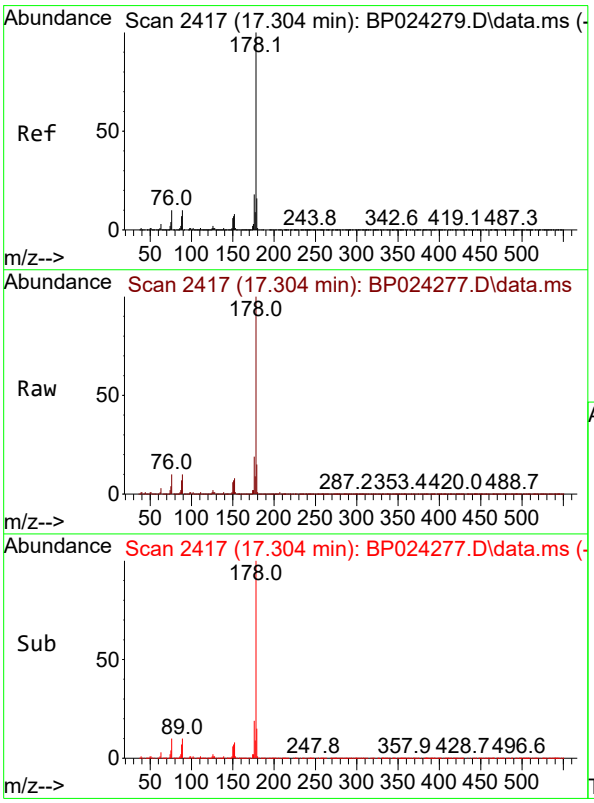
#71
Phenanthrene
Concen: 9.900 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 711407

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.5	12.5	18.7

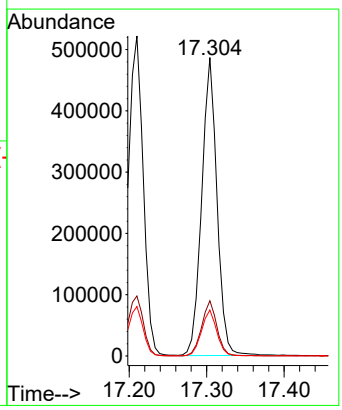


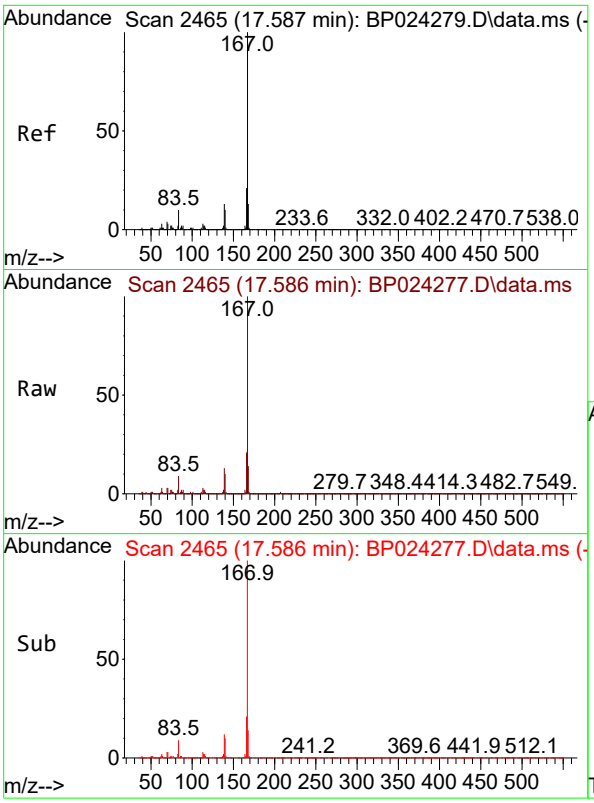


#72
Anthracene
Concen: 9.635 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:178 Resp: 666269

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.4	12.4	18.6



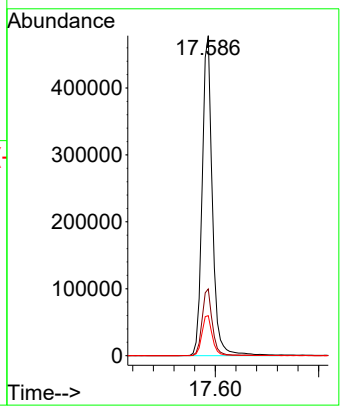


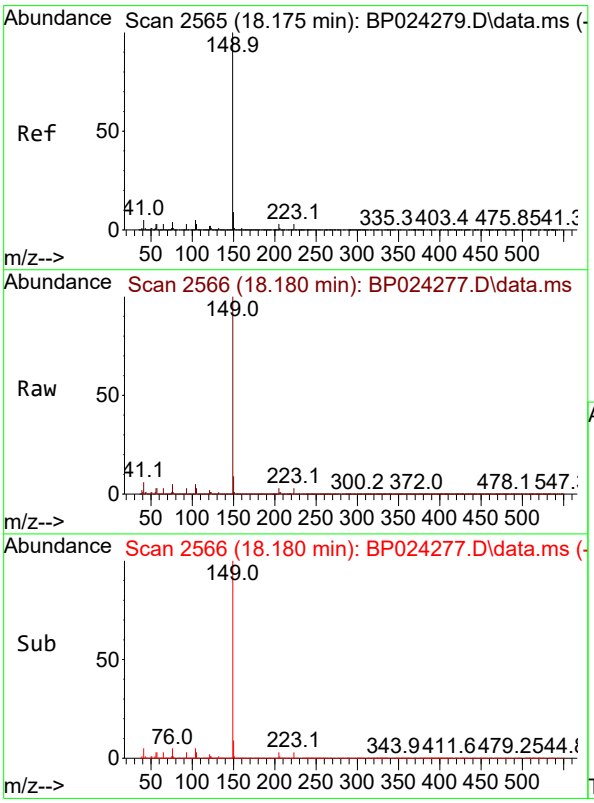
#73
Carbazole
Concen: 9.721 ng
RT: 17.586 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 654205

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	12.5	10.6	16.0

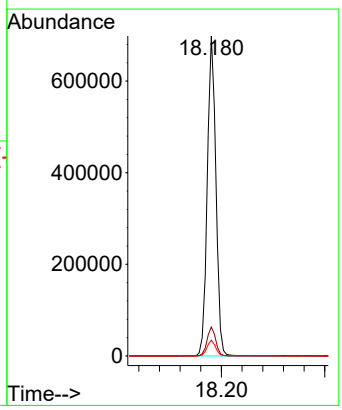


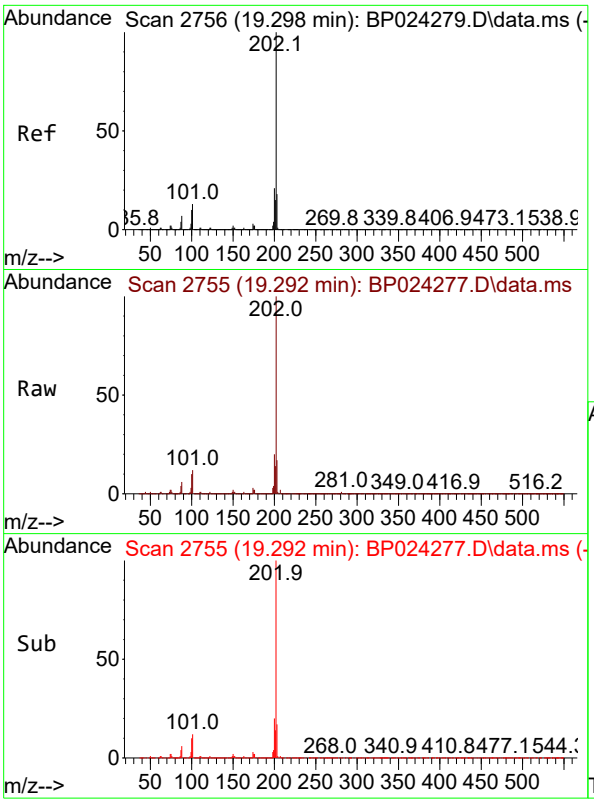


#74
Di-n-butylphthalate
Concen: 9.616 ng
RT: 18.180 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:149 Resp: 806280

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.9	3.9	5.9



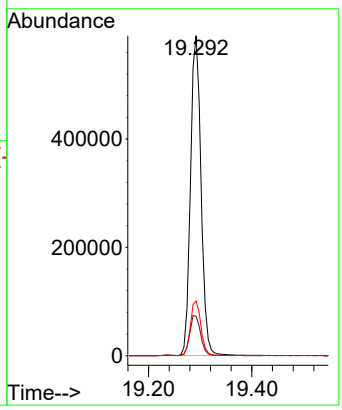


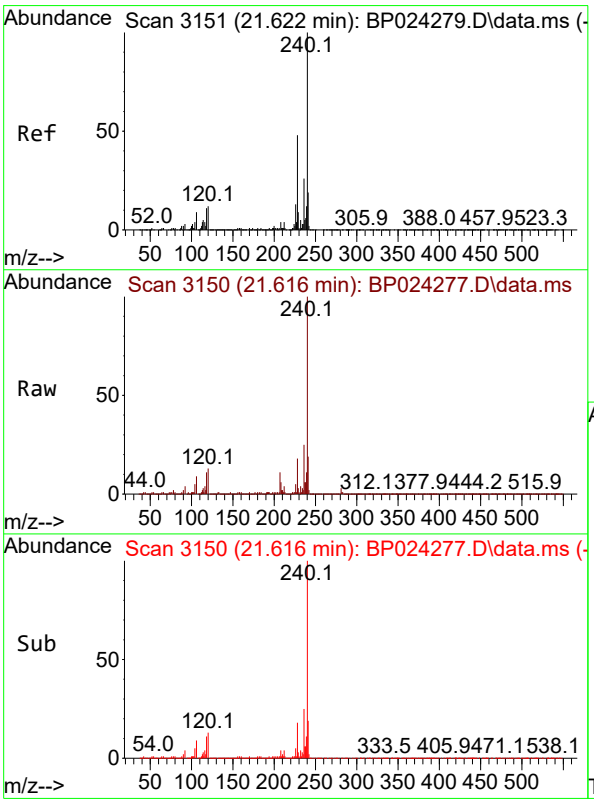
#75
Fluoranthene
Concen: 9.791 ng
RT: 19.292 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 835153

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.1	0.0	37.7

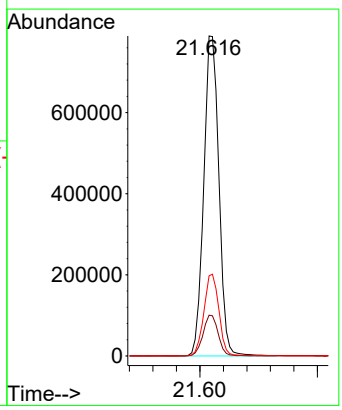


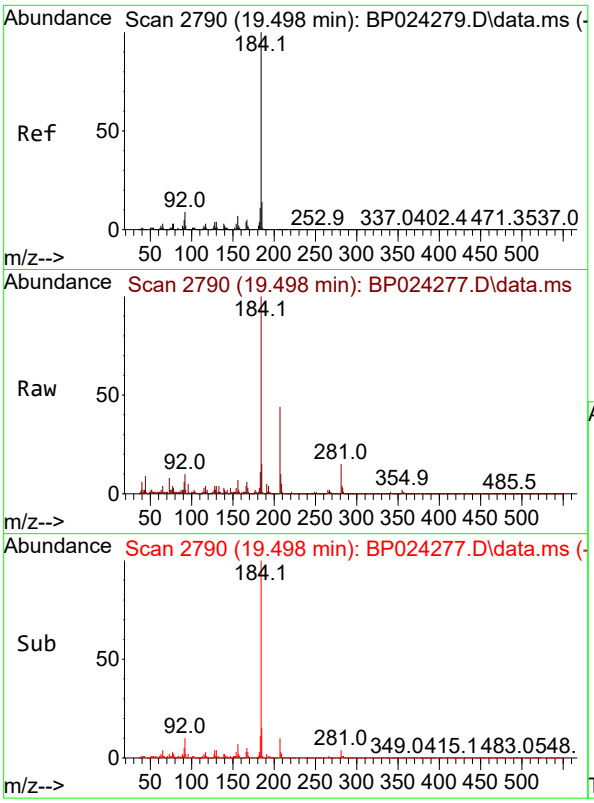


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:240 Resp: 1408913

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.8	14.8
236	25.0	20.9	31.3



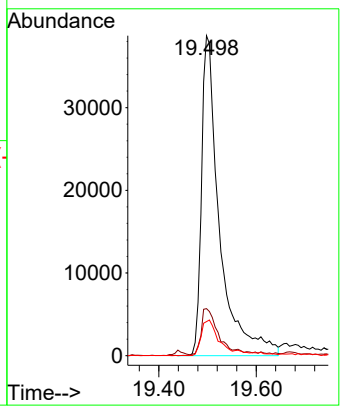


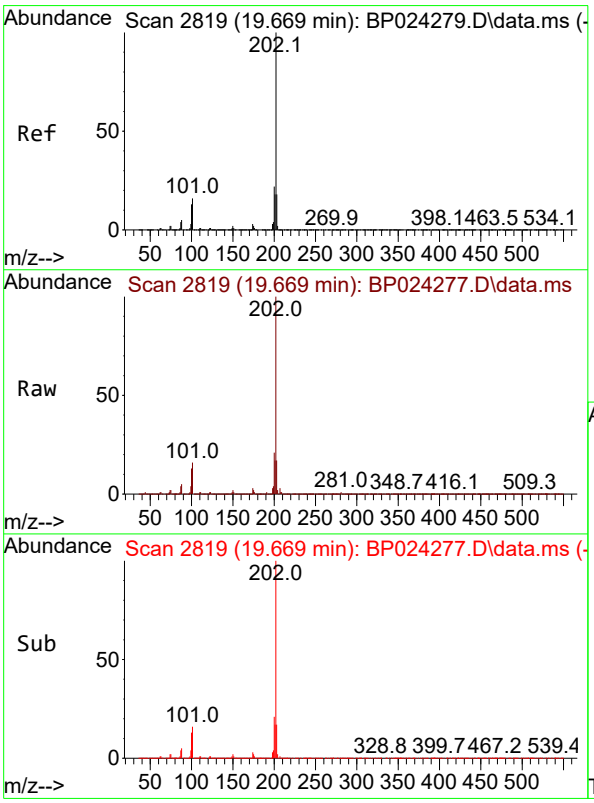
#77
Benzidine
Concen: 5.730 ng
RT: 19.498 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 99659

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.6	17.4
183	10.6	9.2	13.8

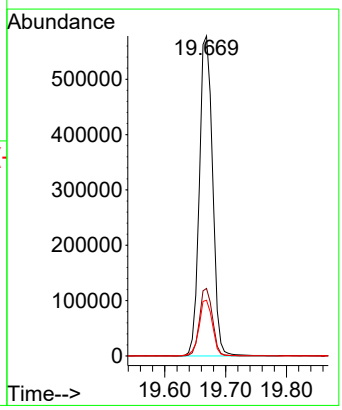


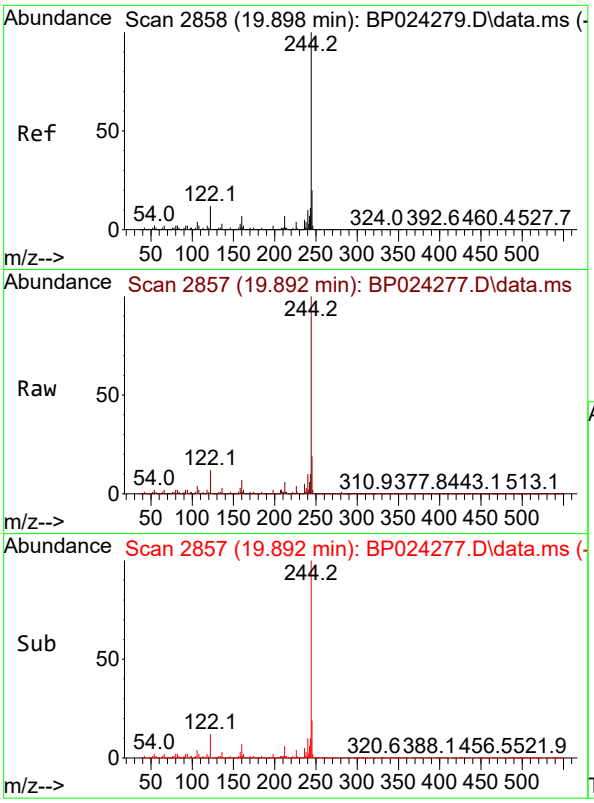


#78
Pyrene
Concen: 9.659 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:202 Resp: 870767

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.4	14.4	21.6



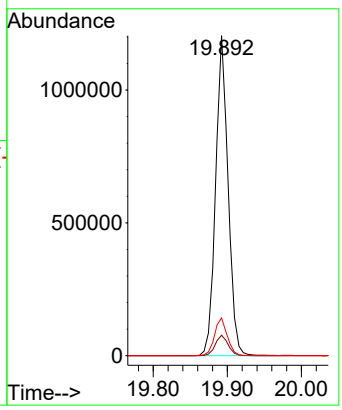


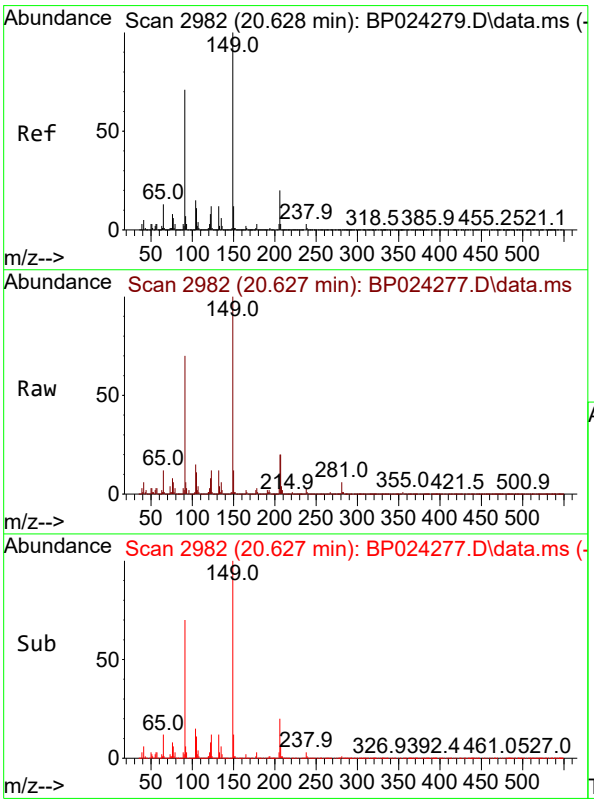
#79
Terphenyl-d14
Concen: 19.888 ng
RT: 19.892 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1405643

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.8	9.4	14.0

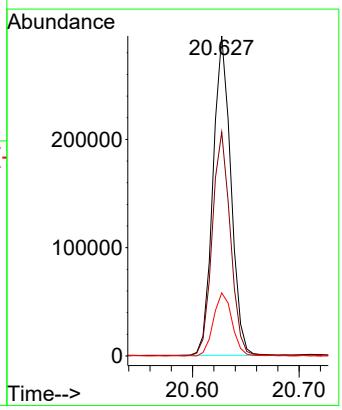


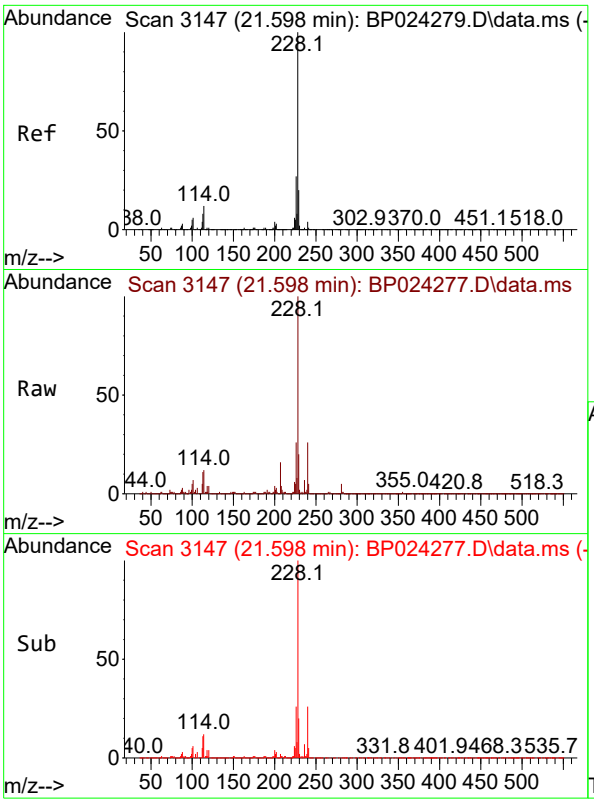


#80
Butylbenzylphthalate
Concen: 9.043 ng
RT: 20.627 min Scan# 2982
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:149 Resp: 343670

Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.4	84.6
206	19.7	16.3	24.5



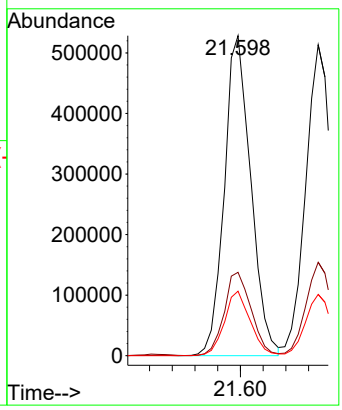


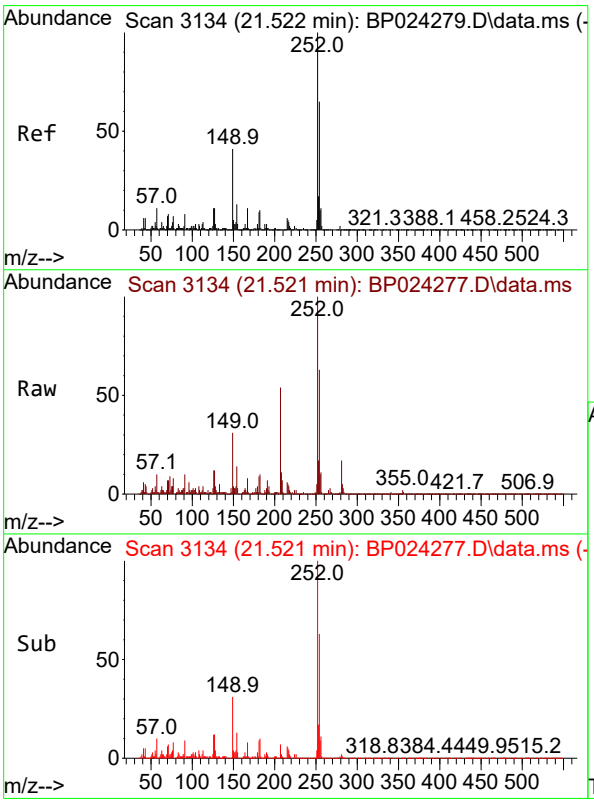
#81
Benzo(a)anthracene
Concen: 9.734 ng
RT: 21.598 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 854983

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.8	32.8
229	20.2	15.9	23.9

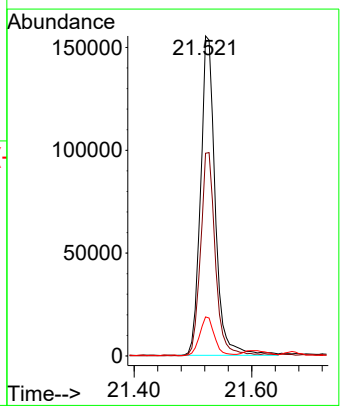


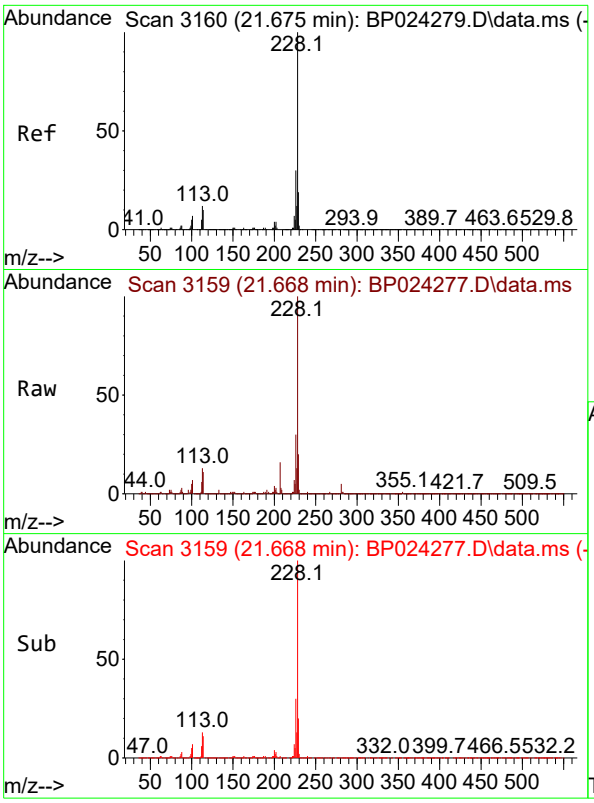


#82
3,3'-Dichlorobenzidine
Concen: 8.857 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:252 Resp: 269772

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.7	77.5
126	12.2	8.8	13.2



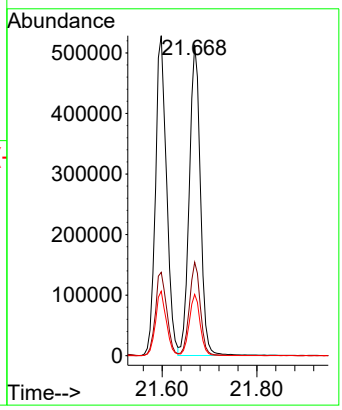


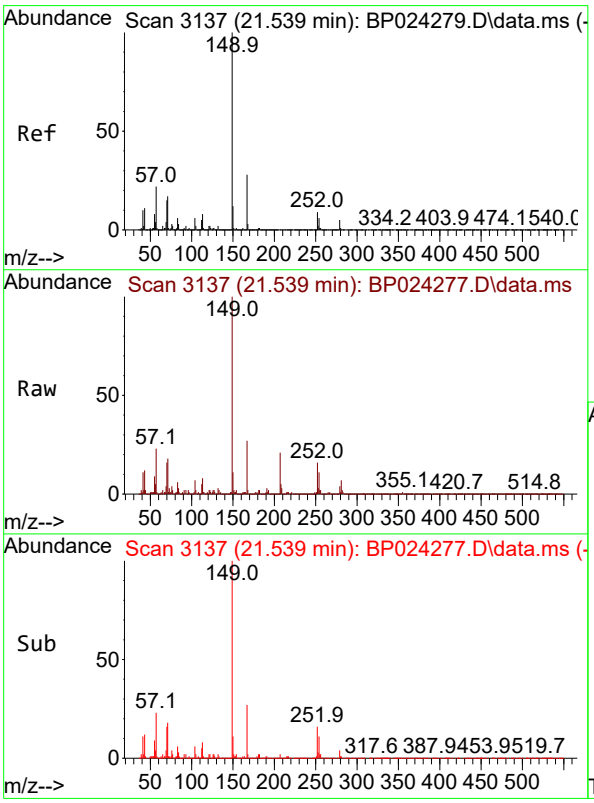
#83
Chrysene
Concen: 9.887 ng
RT: 21.668 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 832263

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.7	15.6	23.4

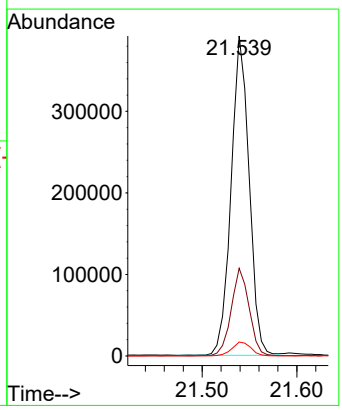


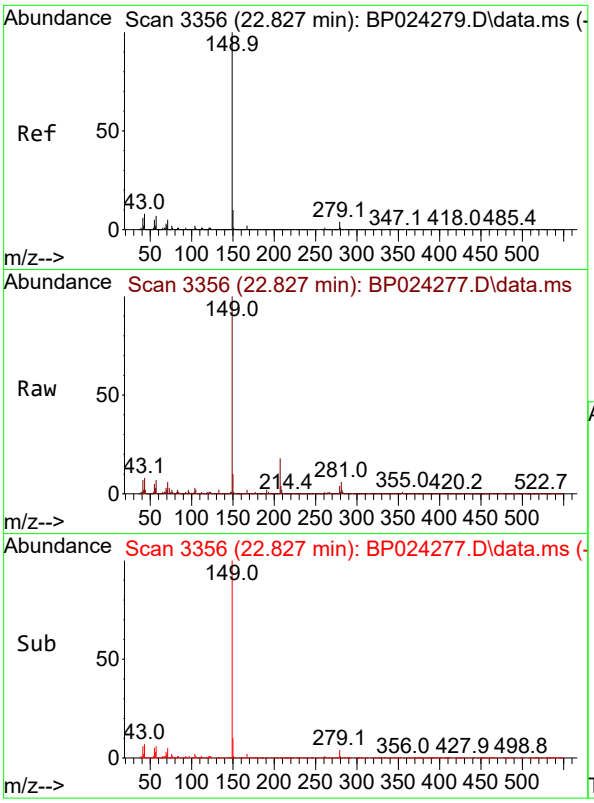


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.253 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:149 Resp: 517894

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.4	33.6
279	4.4	4.0	6.0



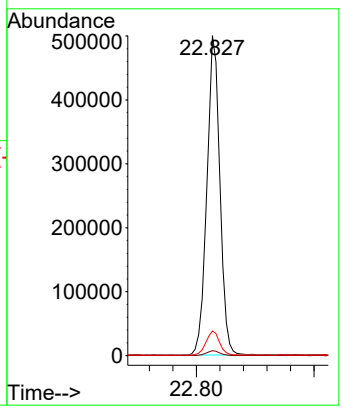


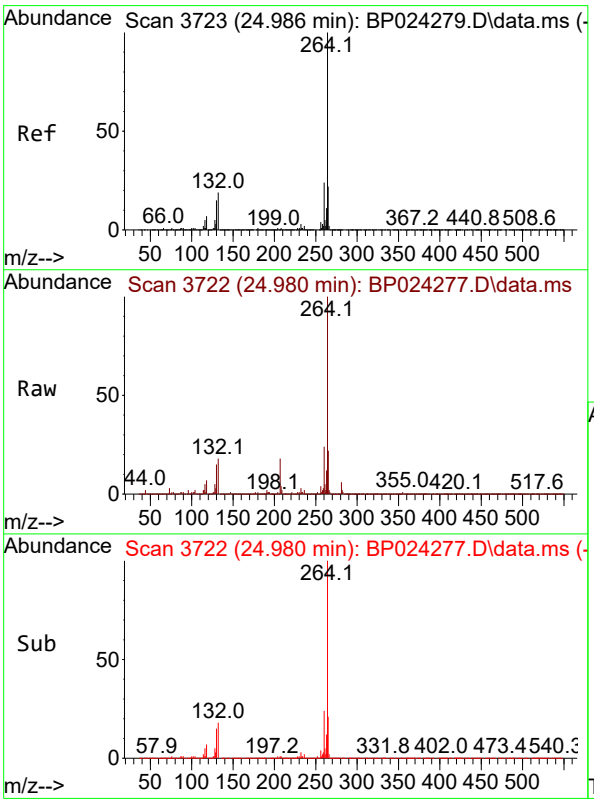
#85
Di-n-octyl phthalate
Concen: 8.584 ng
RT: 22.827 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 769654

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	6.0	9.0

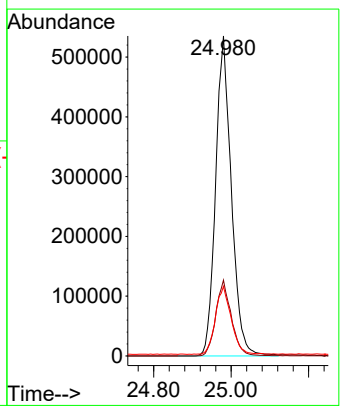


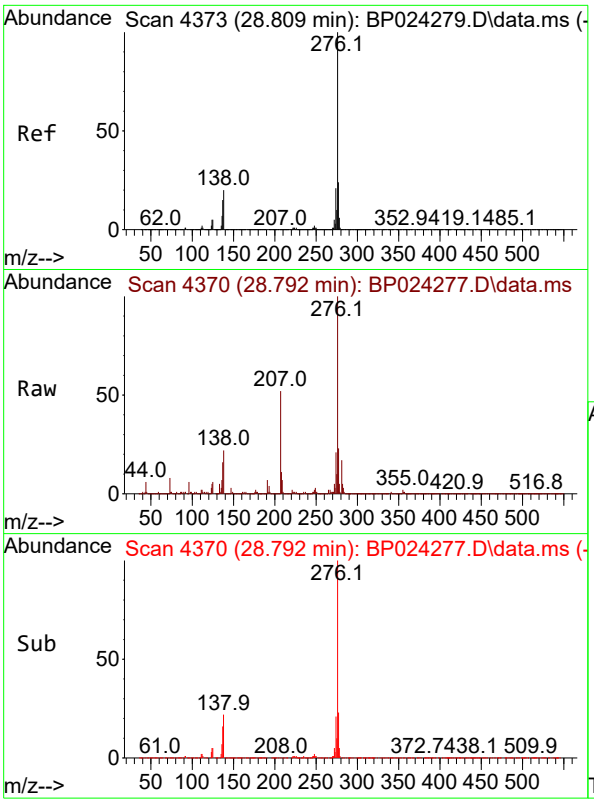


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.980 min Scan# 3722
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:264 Resp: 1508235

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.8	17.8	26.6



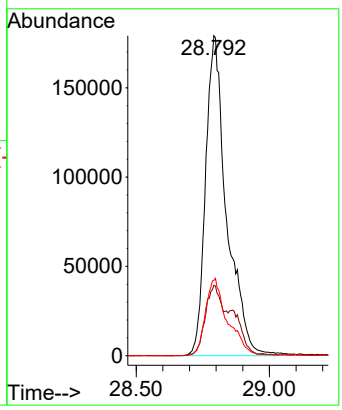


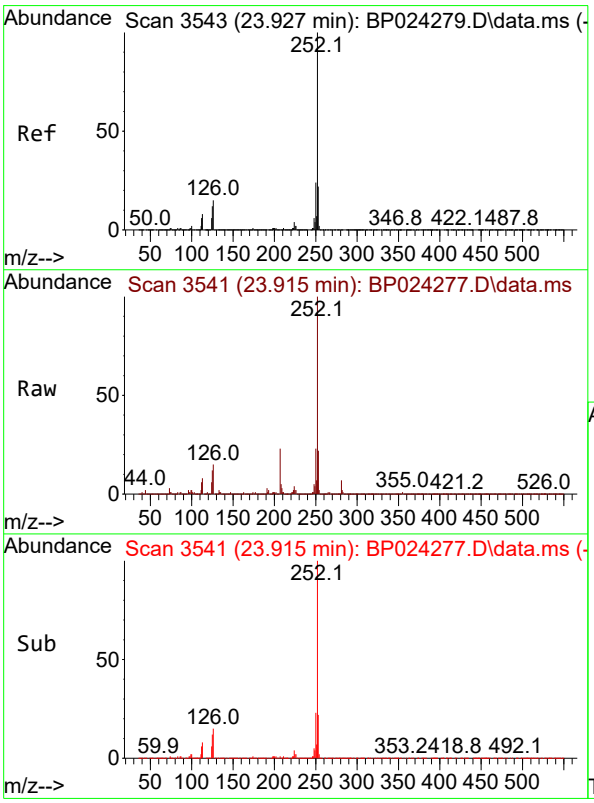
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.480 ng
RT: 28.792 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 983323

Ion	Ratio	Lower	Upper
276	100		
138	19.2	14.5	21.7
277	25.4	20.2	30.2

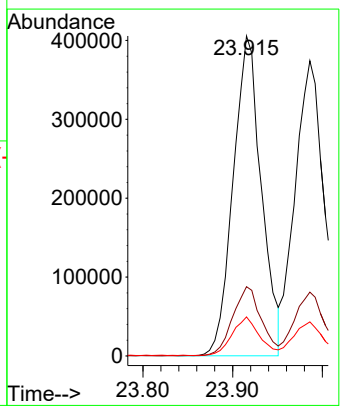


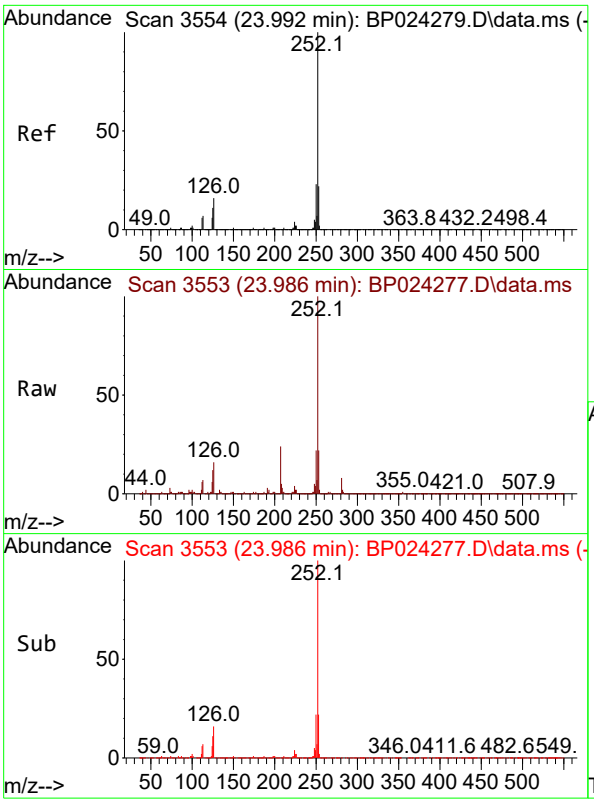


#88
Benzo(b)fluoranthene
Concen: 9.810 ng
RT: 23.915 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:252 Resp: 885212

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	12.2	9.4	14.0



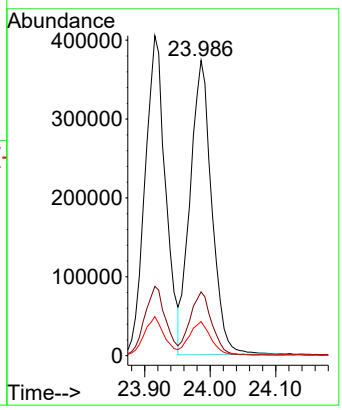


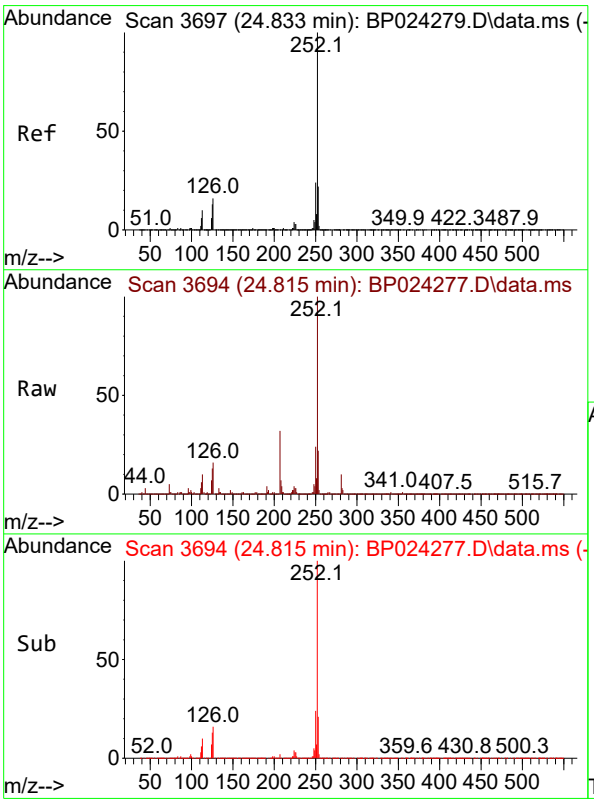
#89
Benzo(k)fluoranthene
Concen: 9.735 ng
RT: 23.986 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 852606

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.5	9.1	13.7

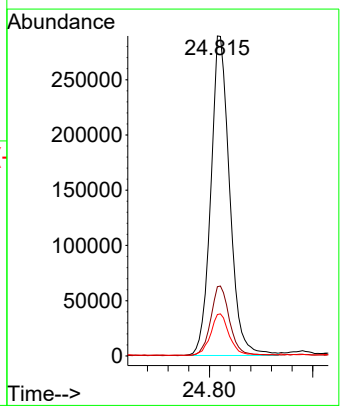


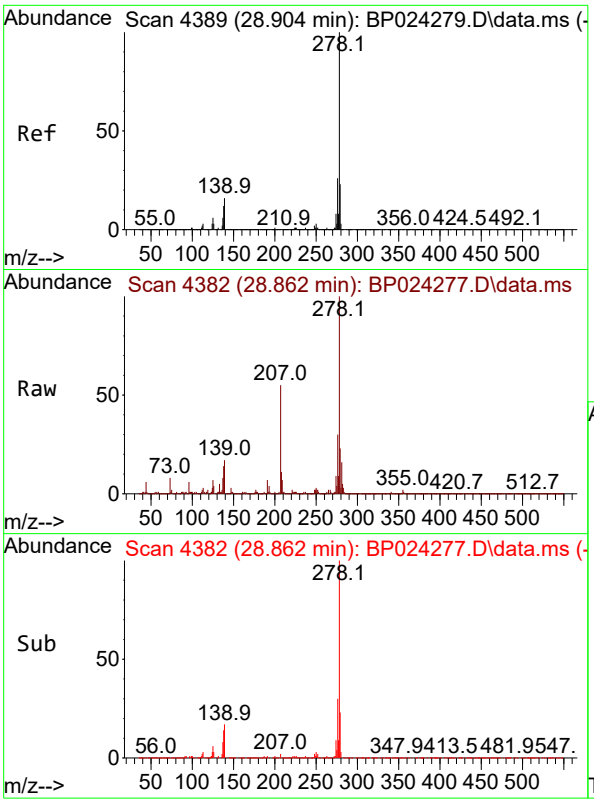


#90
Benzo(a)pyrene
Concen: 9.426 ng
RT: 24.815 min Scan# 3694
Delta R.T. -0.018 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:252 Resp: 732209

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	13.0	10.1	15.1



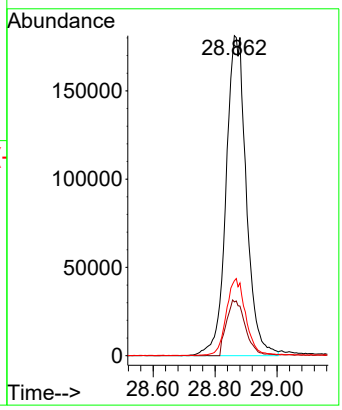


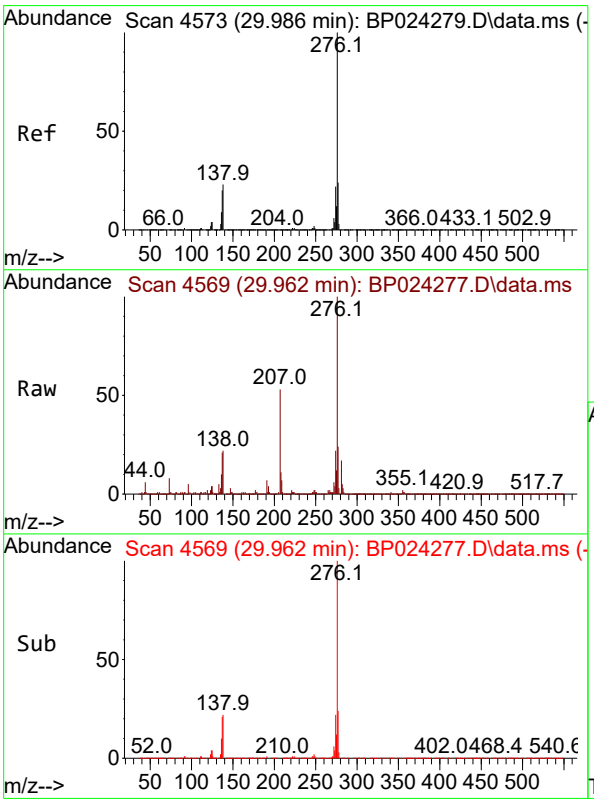
#91
Dibenzo(a,h)anthracene
Concen: 9.517 ng
RT: 28.862 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 821160

Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	23.4	18.5	27.7

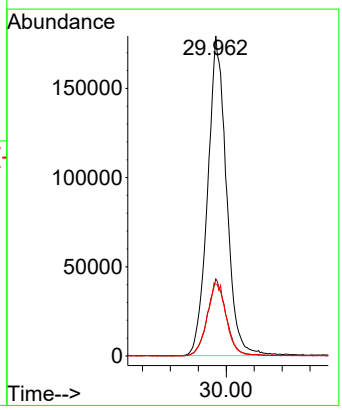




#92
Benzo(g,h,i)perylene
Concen: 9.530 ng
RT: 29.962 min Scan# 4569
Delta R.T. -0.024 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:276 Resp: 836993

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	22.5	18.7	28.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024278.D
Acq On : 14 Apr 2025 13:08
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Apr 14 17:26:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	251998	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1081087	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	688775	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1378480	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1415765	20.000	ng	0.00
86) Perylene-d12	24.986	264	1549781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	636245	41.668	ng	0.00
7) Phenol-d6	6.911	99	866004	41.458	ng	0.00
23) Nitrobenzene-d5	8.875	82	794485	41.839	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	383088	40.617	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	1871534	41.254	ng	0.00
79) Terphenyl-d14	19.898	244	2987245	42.062	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	139222	21.358	ng	99
3) Pyridine	3.693	79	358370	21.120	ng	99
4) n-Nitrosodimethylamine	3.599	42	118077	20.869	ng	98
6) Aniline	7.069	93	412168	21.857	ng	99
8) 2-Chlorophenol	7.305	128	355815	20.852	ng	99
9) Benzaldehyde	6.881	77	237371	21.940	ng	100
10) Phenol	6.940	94	433531	20.670	ng	98
11) bis(2-Chloroethyl)ether	7.164	93	352530	20.800	ng	100
12) 1,3-Dichlorobenzene	7.622	146	386470	20.903	ng	100
13) 1,4-Dichlorobenzene	7.763	146	390483	20.828	ng	100
14) 1,2-Dichlorobenzene	8.081	146	378518	20.880	ng	99
15) Benzyl Alcohol	7.969	79	278608	20.809	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.258	45	382308	20.734	ng	99
17) 2-Methylphenol	8.175	107	283057	20.942	ng	99
18) Hexachloroethane	8.805	117	140558	20.773	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	274118	21.127	ng	100
20) 3+4-Methylphenols	8.499	107	393131	20.999	ng	99
22) Acetophenone	8.546	105	563994	20.991	ng	99
24) Nitrobenzene	8.916	77	390911	20.770	ng	98
25) Isophorone	9.446	82	705771	20.588	ng	98
26) 2-Nitrophenol	9.628	139	185740	20.553	ng	99
27) 2,4-Dimethylphenol	9.687	122	236436	20.643	ng	98
28) bis(2-Chloroethoxy)met...	9.916	93	480036	20.575	ng	100
29) 2,4-Dichlorophenol	10.163	162	320579	20.536	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	343641	20.348	ng	99
31) Naphthalene	10.557	128	1179848	20.618	ng	100
32) Benzoic acid	9.805	122	244213m	19.731	ng	
33) 4-Chloroaniline	10.669	127	420086	21.010	ng	100
34) Hexachlorobutadiene	10.846	225	200785	20.267	ng	99
35) Caprolactam	11.446	113	119912	20.922	ng	98
36) 4-Chloro-3-methylphenol	11.799	107	377768	20.767	ng	99
37) 2-Methylnaphthalene	12.169	142	816314	20.583	ng	100
38) 1-Methylnaphthalene	12.387	142	796550	20.503	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	391241	20.669	ng	100
41) Hexachlorocyclopentadiene	12.522	237	135654	20.414	ng	97
43) 2,4,6-Trichlorophenol	12.787	196	254189	20.410	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024278.D
Acq On : 14 Apr 2025 13:08
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Apr 14 17:26:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	281887	20.424	ng	99
46) 1,1'-Biphenyl	13.187	154	1052618	20.694	ng	100
47) 2-Chloronaphthalene	13.228	162	782040	20.603	ng	99
48) 2-Nitroaniline	13.440	65	218194	20.811	ng	99
49) Acenaphthylene	14.087	152	1234728	20.726	ng	99
50) Dimethylphthalate	13.822	163	1029599	20.489	ng	100
51) 2,6-Dinitrotoluene	13.940	165	219492	20.731	ng	98
52) Acenaphthene	14.434	154	785789	20.741	ng	99
53) 3-Nitroaniline	14.269	138	233006	21.212	ng	99
54) 2,4-Dinitrophenol	14.481	184	112157	19.785	ng	94
55) Dibenzofuran	14.769	168	1288363	20.735	ng	99
56) 4-Nitrophenol	14.593	139	199315	21.109	ng	99
57) 2,4-Dinitrotoluene	14.734	165	302332	21.126	ng	98
58) Fluorene	15.428	166	1001515	20.876	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	262077	20.523	ng	99
60) Diethylphthalate	15.198	149	1052183	20.344	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	481631	20.675	ng	98
62) 4-Nitroaniline	15.445	138	243257	20.888	ng	96
63) Azobenzene	15.722	77	995912	20.907	ng	100
65) 4,6-Dinitro-2-methylph...	15.510	198	162501	20.176	ng	98
66) n-Nitrosodiphenylamine	15.640	169	849476	20.552	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	302601	20.125	ng	99
68) Hexachlorobenzene	16.451	284	358889	20.077	ng	100
69) Atrazine	16.616	200	184151	17.573	ng	98
70) Pentachlorophenol	16.810	266	241815	19.702	ng	98
71) Phenanthrene	17.210	178	1540112	20.378	ng	100
72) Anthracene	17.298	178	1494006	20.543	ng	99
73) Carbazole	17.581	167	1461729	20.653	ng	100
74) Di-n-butylphthalate	18.175	149	1727074	19.585	ng	100
75) Fluoranthene	19.292	202	1813662	20.218	ng	99
77) Benzidine	19.498	184	154964	8.867	ng	99
78) Pyrene	19.669	202	1904884	21.028	ng	99
80) Butylbenzylphthalate	20.633	149	772776	20.235	ng	96
81) Benzo(a)anthracene	21.598	228	1829798	20.732	ng	99
82) 3,3'-Dichlorobenzidine	21.527	252	610749	19.956	ng	99
83) Chrysene	21.669	228	1739548	20.565	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	1103263	19.616	ng	99
85) Di-n-octyl phthalate	22.827	149	1730436	19.207	ng	100
87) Indeno(1,2,3-cd)pyrene	28.792	276	2180177	20.454	ng	99
88) Benzo(b)fluoranthene	23.916	252	1885654	20.337	ng	99
89) Benzo(k)fluoranthene	23.980	252	1885747	20.955	ng	99
90) Benzo(a)pyrene	24.816	252	1637648	20.518	ng	98
91) Dibenzo(a,h)anthracene	28.868	278	1815743	20.480	ng	98
92) Benzo(g,h,i)perylene	29.951	276	1856380	20.571	ng	99

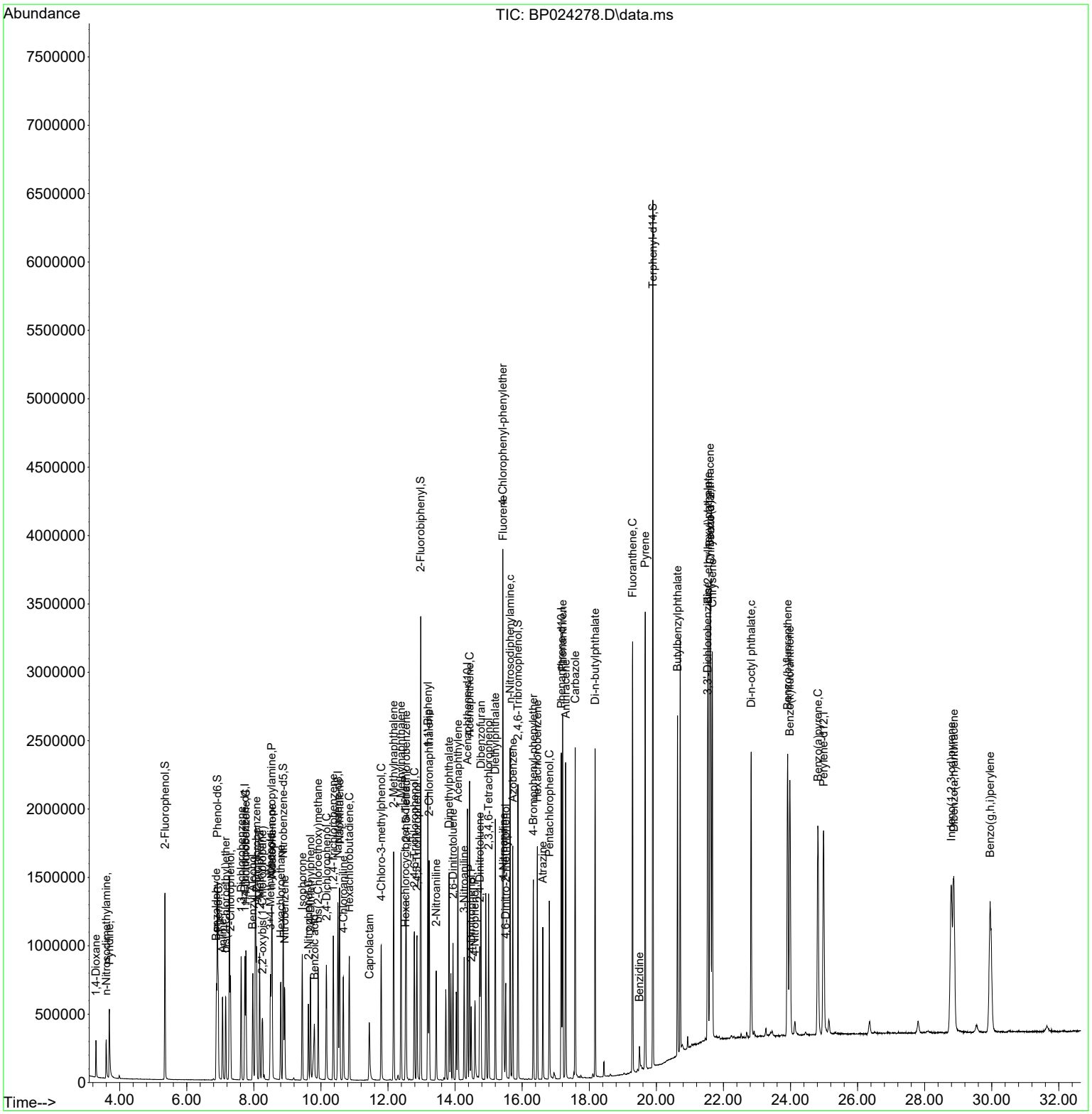
(#) = qualifier out of range (m) = manual integration (+) = signals summed

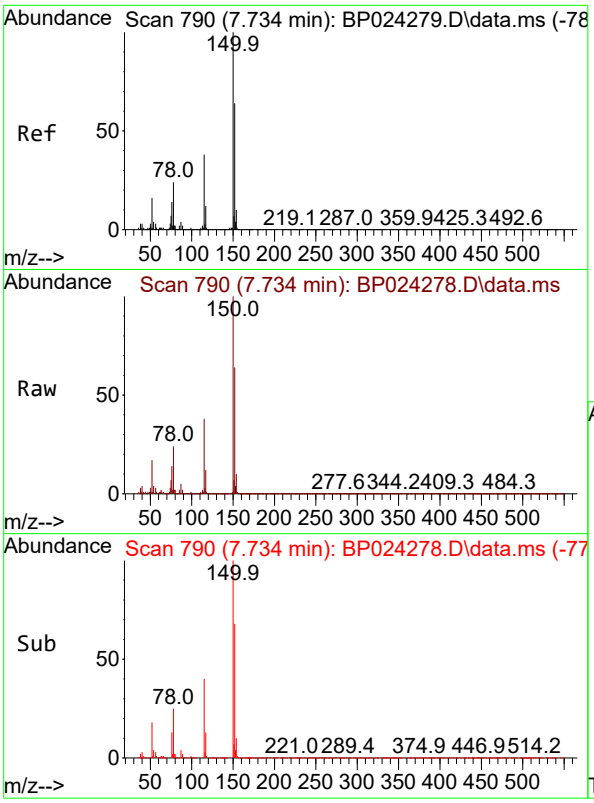
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024278.D
Acq On : 14 Apr 2025 13:08
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Apr 14 17:26:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



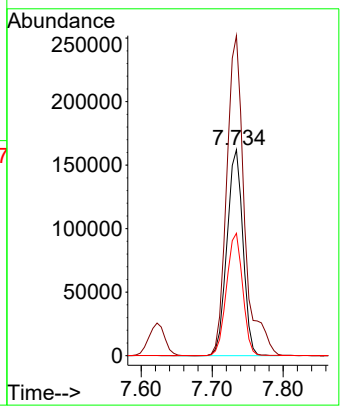


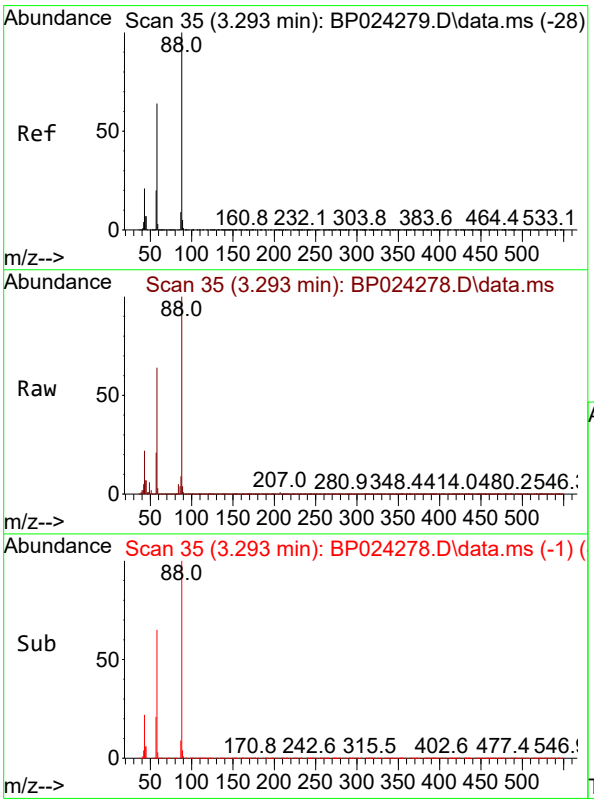
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 251998

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.9	187.3
115	59.4	47.7	71.5

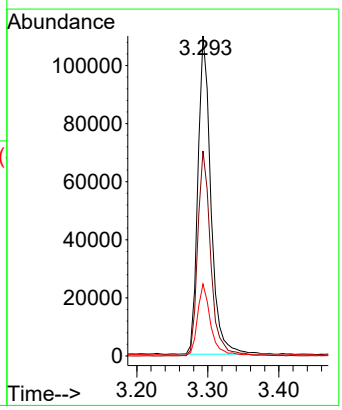


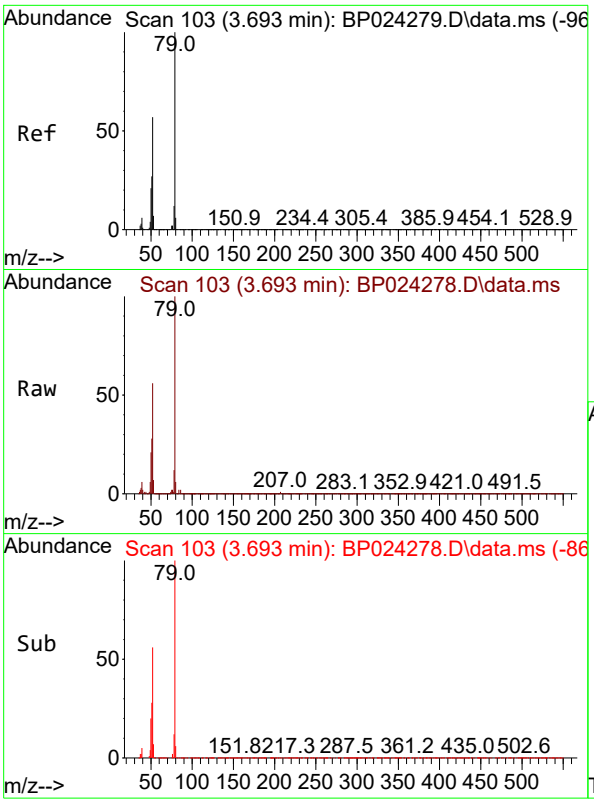


#2
1,4-Dioxane
Concen: 21.358 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 88 Resp: 139222

Ion	Ratio	Lower	Upper
88	100		
58	64.8	51.4	77.2
43	22.2	17.1	25.7



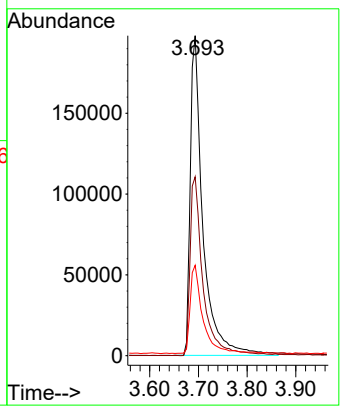


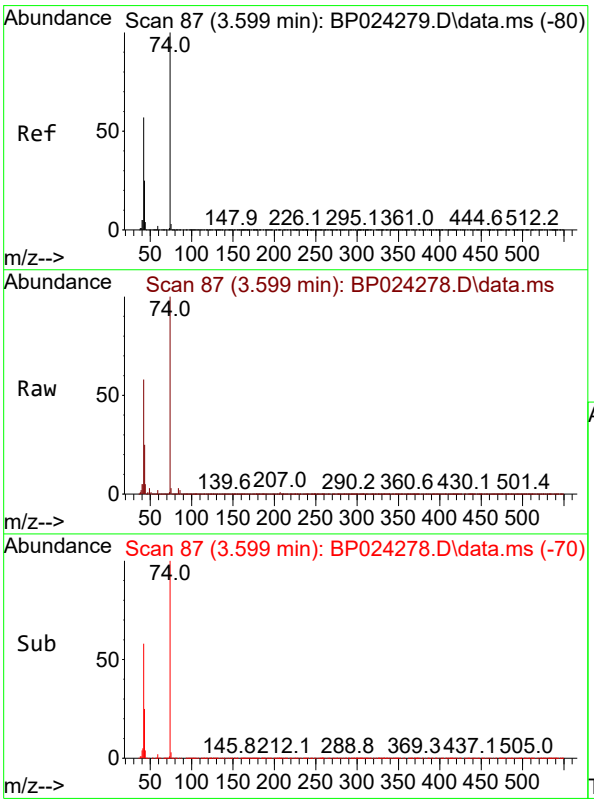
#3
Pyridine
Concen: 21.120 ng
RT: 3.693 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 358370

Ion	Ratio	Lower	Upper
79	100		
52	55.9	45.4	68.2
51	28.3	22.6	33.8

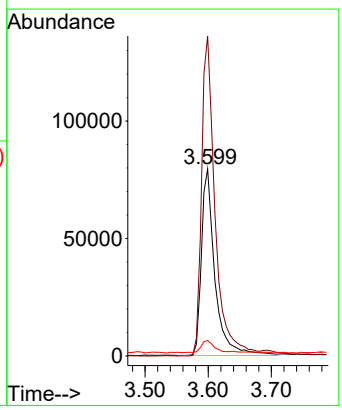


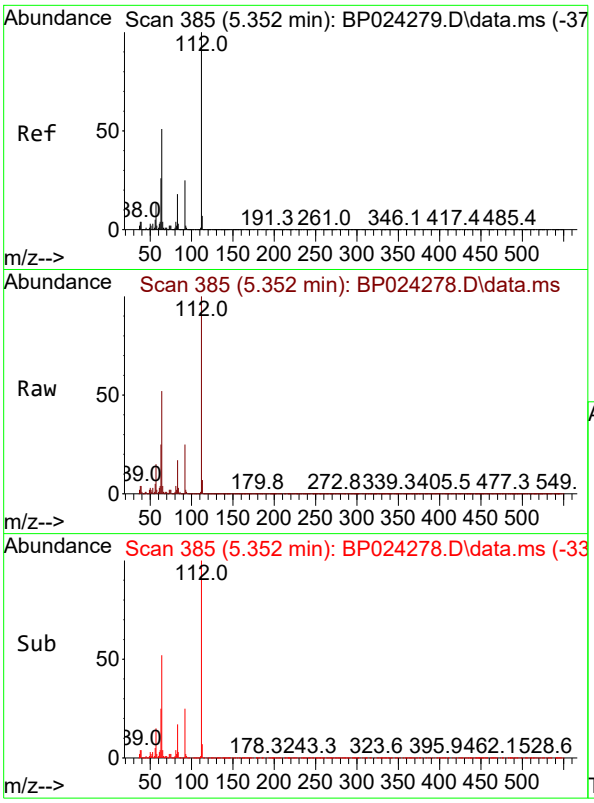


#4
n-Nitrosodimethylamine
Concen: 20.869 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 42 Resp: 118077

Ion	Ratio	Lower	Upper
42	100		
74	171.1	139.5	209.3
44	8.3	5.8	8.8



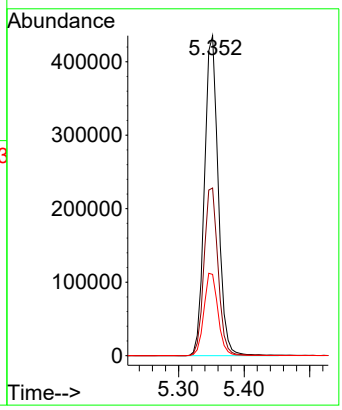


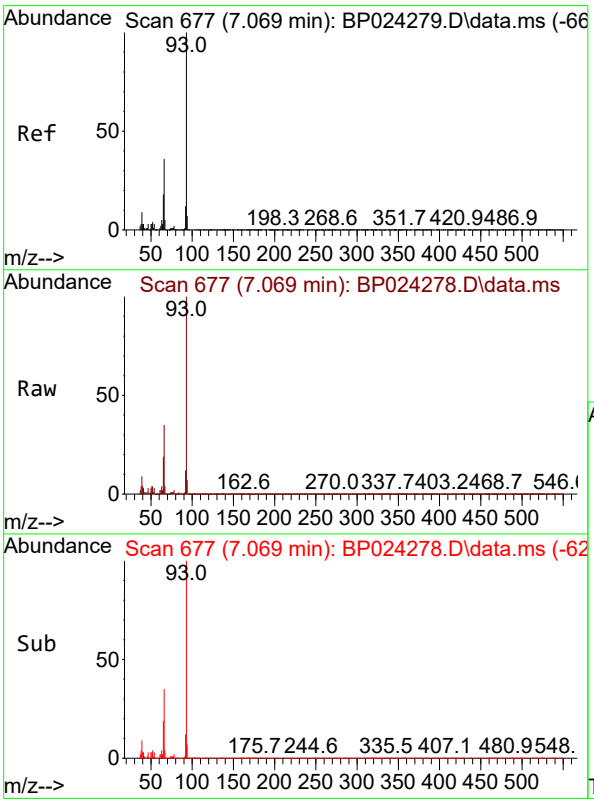
#5
2-Fluorophenol
Concen: 41.668 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 636245

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.1	61.7
63	25.4	20.6	30.8

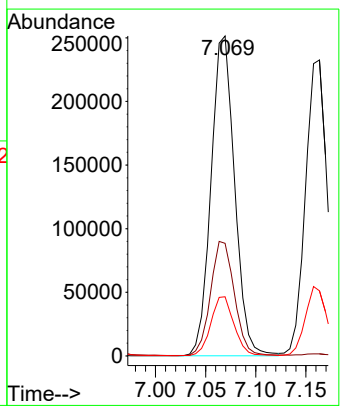


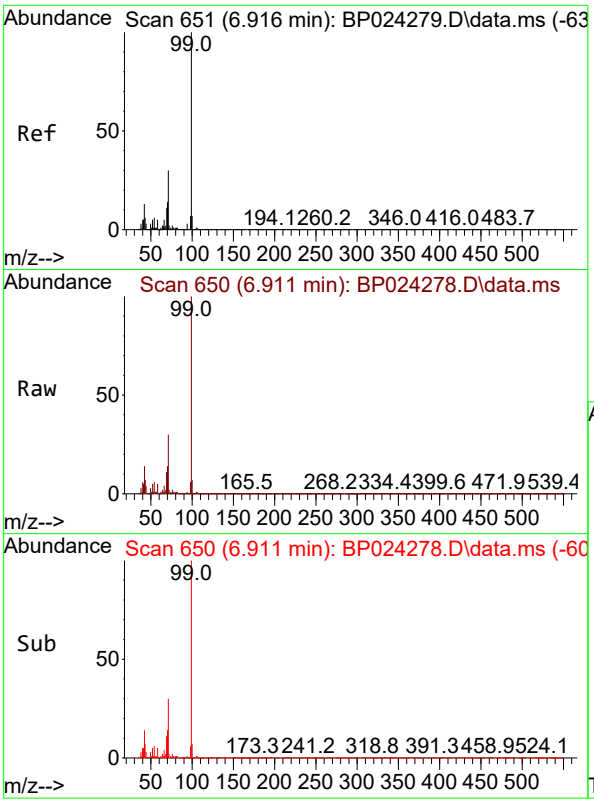


#6
Aniline
Concen: 21.857 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 93 Resp: 412168

Ion	Ratio	Lower	Upper
93	100		
66	35.2	29.1	43.7
65	18.5	14.7	22.1



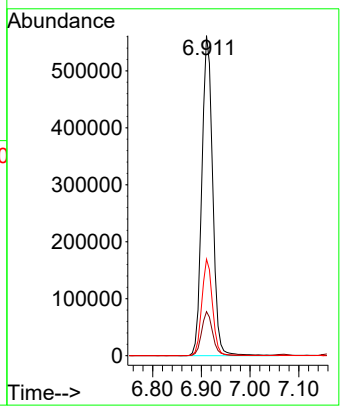


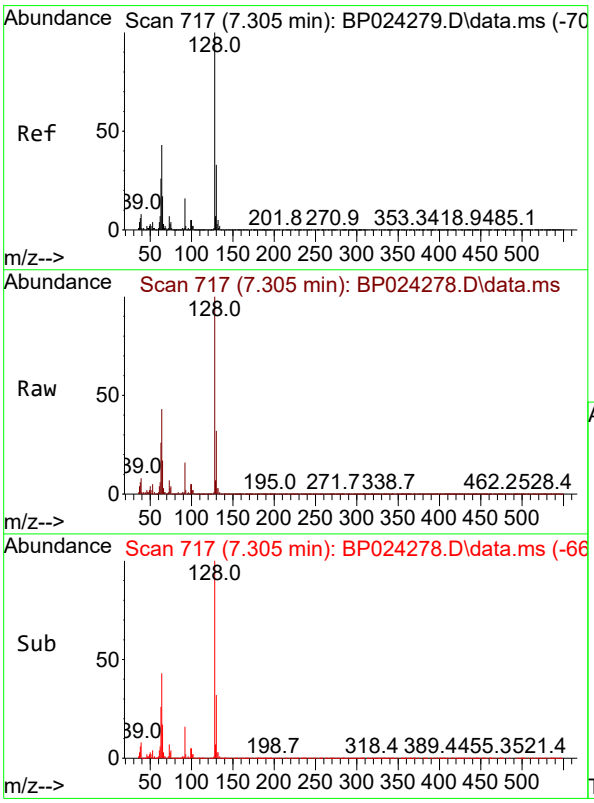
#7
Phenol-d6
Concen: 41.458 ng
RT: 6.911 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 866004

Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.6	16.0
71	30.2	23.7	35.5

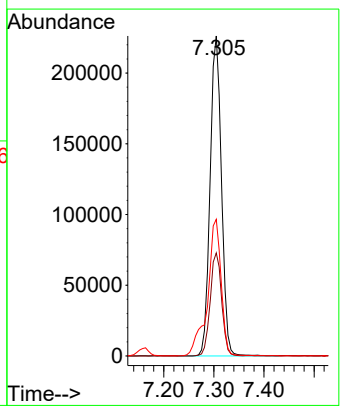


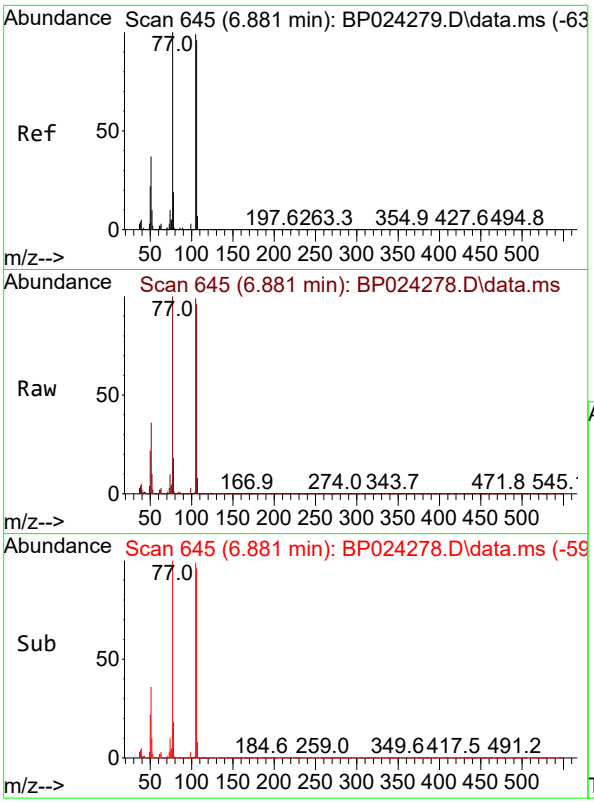


#8
2-Chlorophenol
Concen: 20.852 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:128 Resp: 355815

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	42.7	22.7	62.7



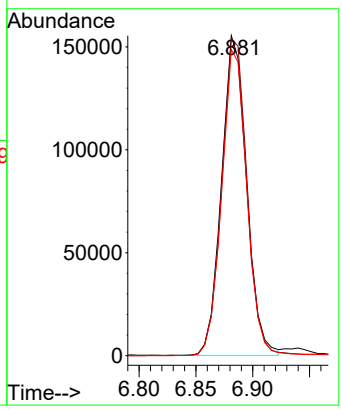


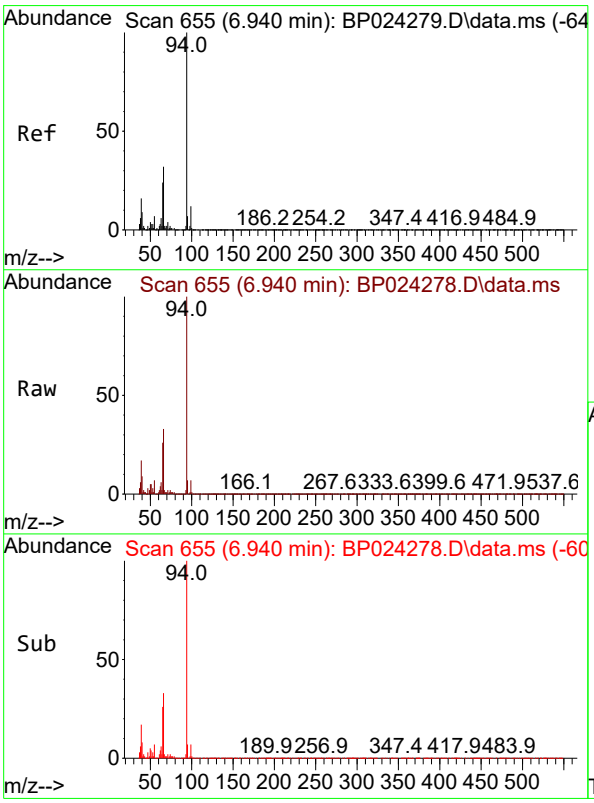
#9
Benzaldehyde
Concen: 21.940 ng
RT: 6.881 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 237371

Ion	Ratio	Lower	Upper
77	100		
105	99.1	79.2	119.2
106	95.6	76.2	116.2

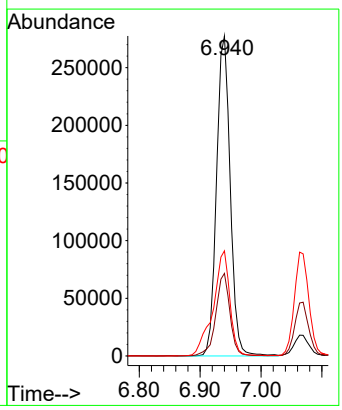


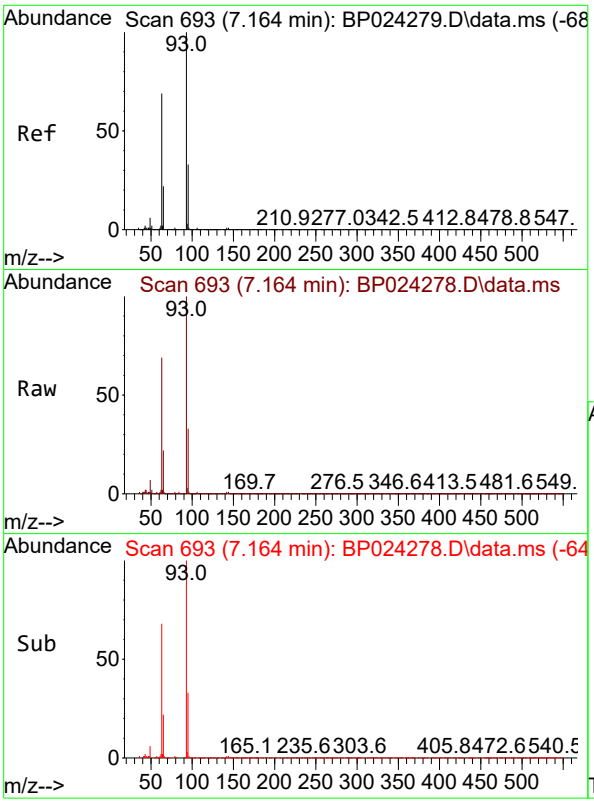


#10
Phenol
Concen: 20.670 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 94 Resp: 433531

Ion	Ratio	Lower	Upper
94	100		
65	25.8	4.5	44.5
66	32.8	12.4	52.4



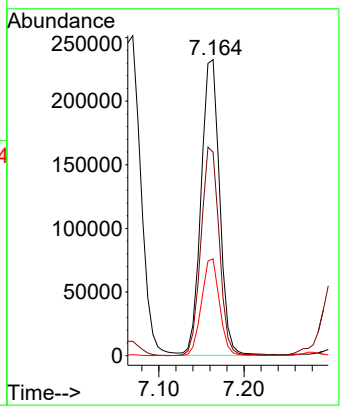


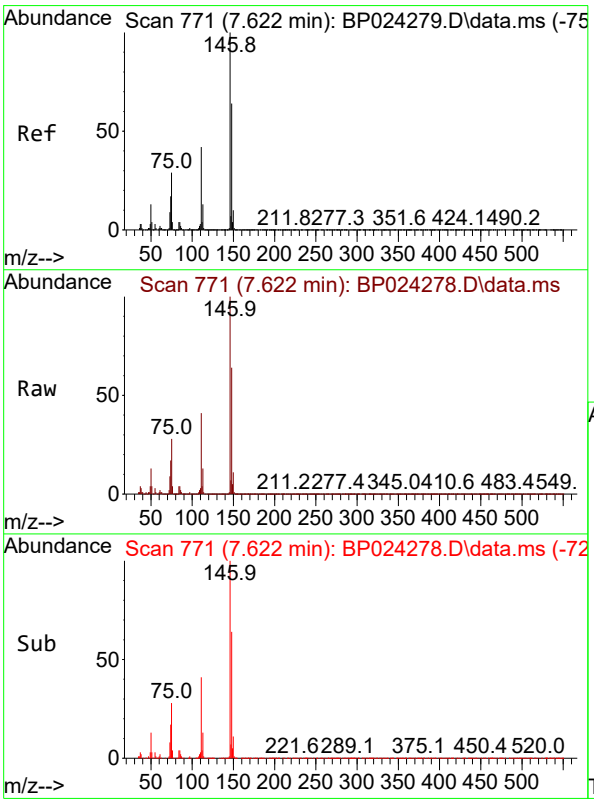
#11
bis(2-Chloroethyl)ether
Concen: 20.800 ng
RT: 7.164 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 352530

Ion	Ratio	Lower	Upper
93	100		
63	68.7	48.6	88.6
95	32.7	12.3	52.3

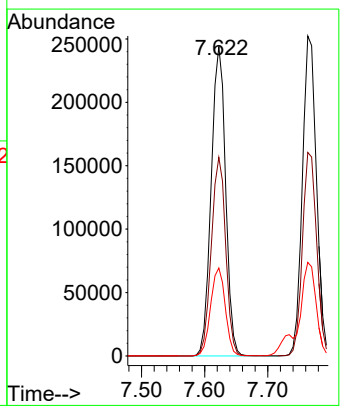


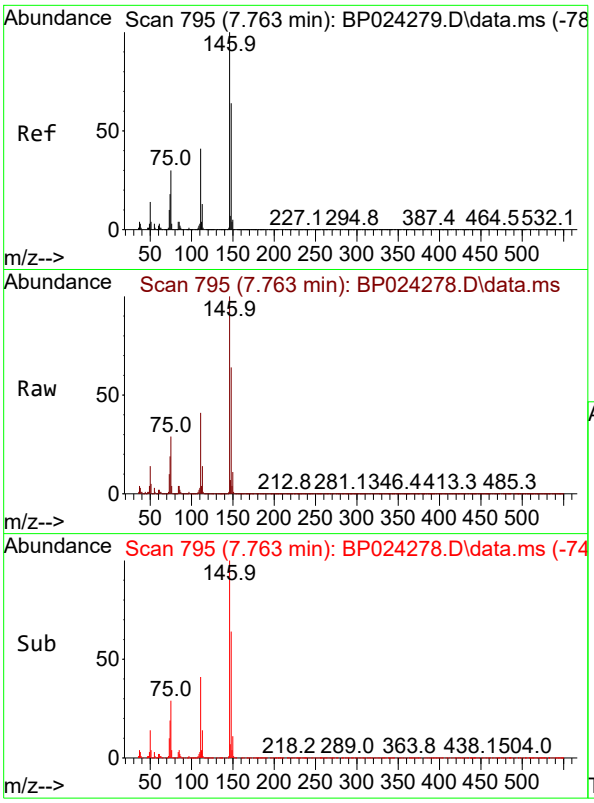


#12
1,3-Dichlorobenzene
Concen: 20.903 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:146 Resp: 386470

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	28.4	22.9	34.3



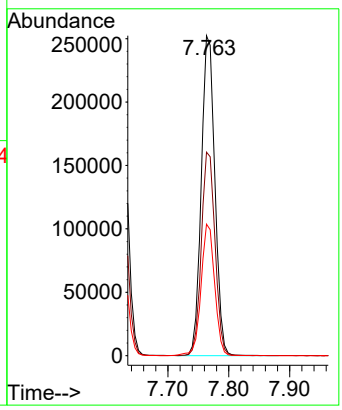


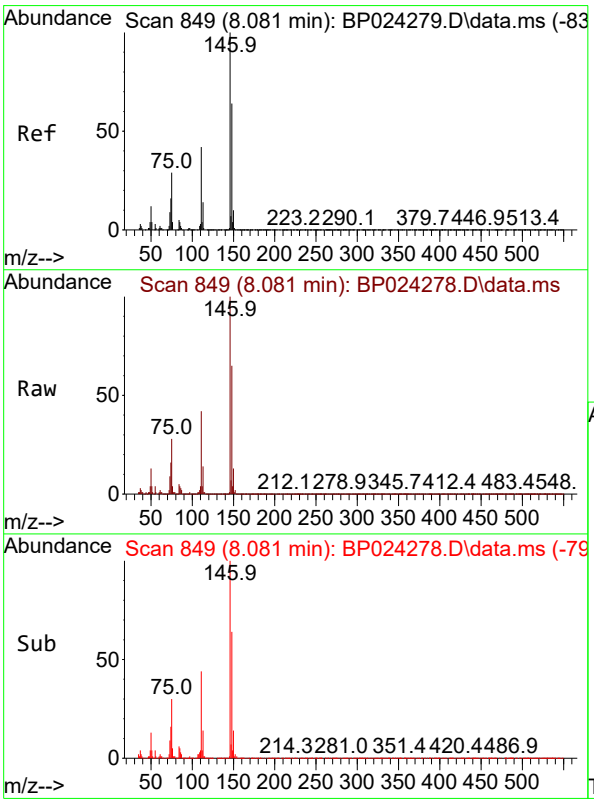
#13
1,4-Dichlorobenzene
Concen: 20.828 ng
RT: 7.763 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 390483

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	41.1	32.6	48.8

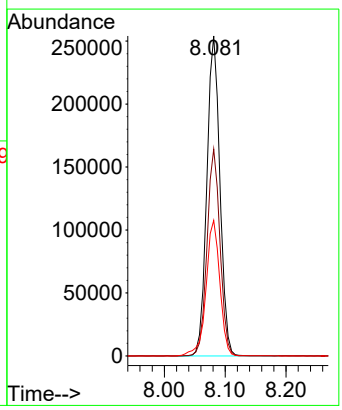


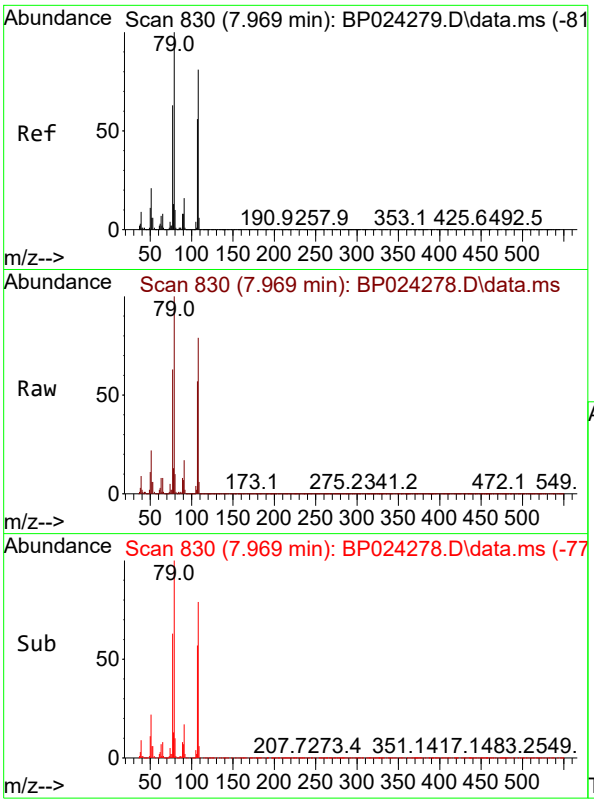


#14
1,2-Dichlorobenzene
Concen: 20.880 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:146 Resp: 378518

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
111	42.3	33.8	50.8



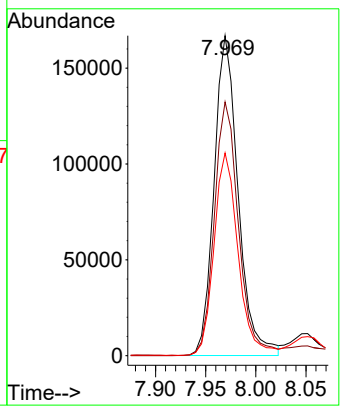


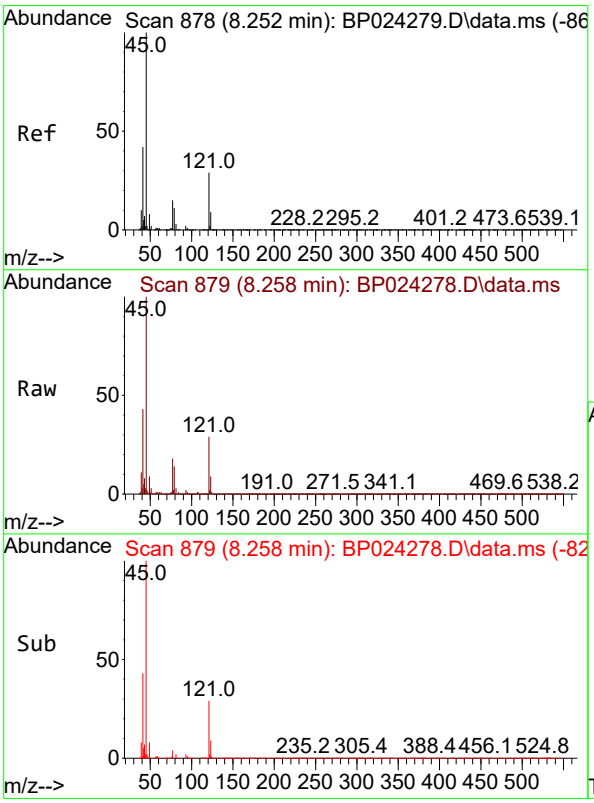
#15
Benzyl Alcohol
Concen: 20.809 ng
RT: 7.969 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 278608

Ion	Ratio	Lower	Upper
79	100		
108	79.3	65.1	97.7
77	63.4	50.7	76.1

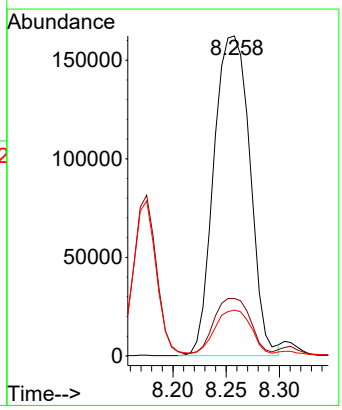


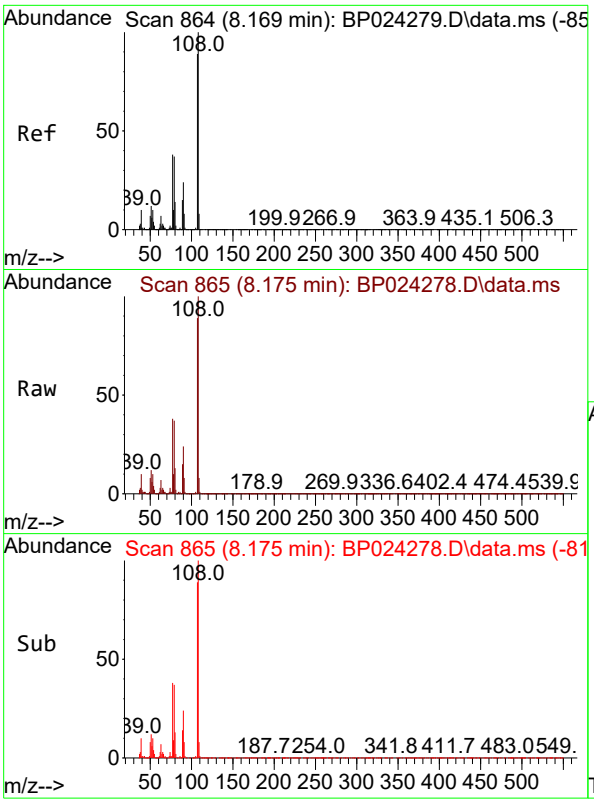


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.734 ng
RT: 8.258 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 45 Resp: 382308

Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	37.7
79	14.4	0.0	33.5



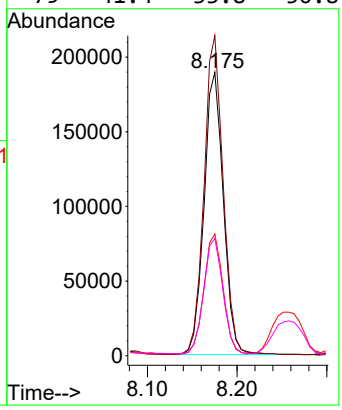


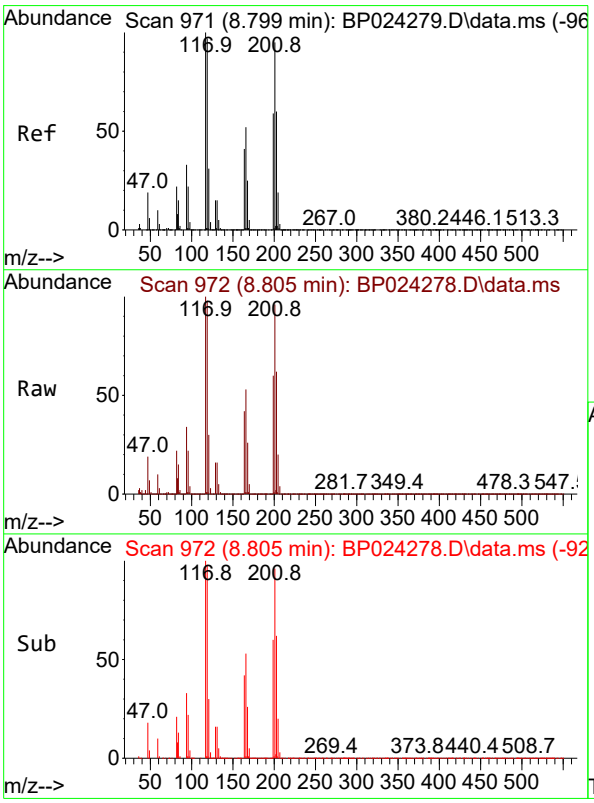
#17
2-Methylphenol
Concen: 20.942 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 283057

Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.8	134.6
77	43.0	34.2	51.4
79	41.4	33.8	50.8

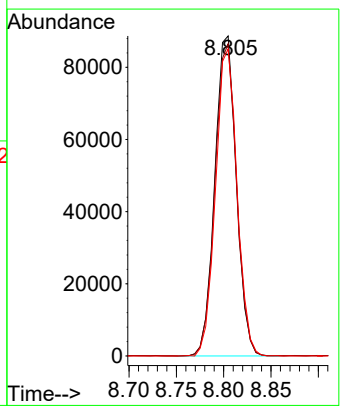


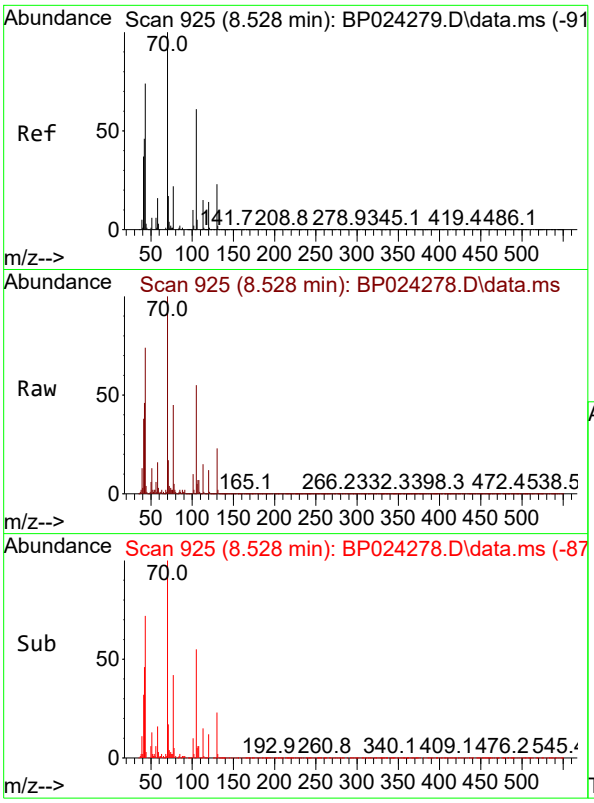


#18
Hexachloroethane
Concen: 20.773 ng
RT: 8.805 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:117 Resp: 140558

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.8	116.6
201	96.0	75.9	113.9



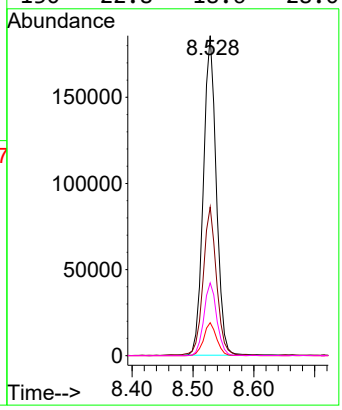


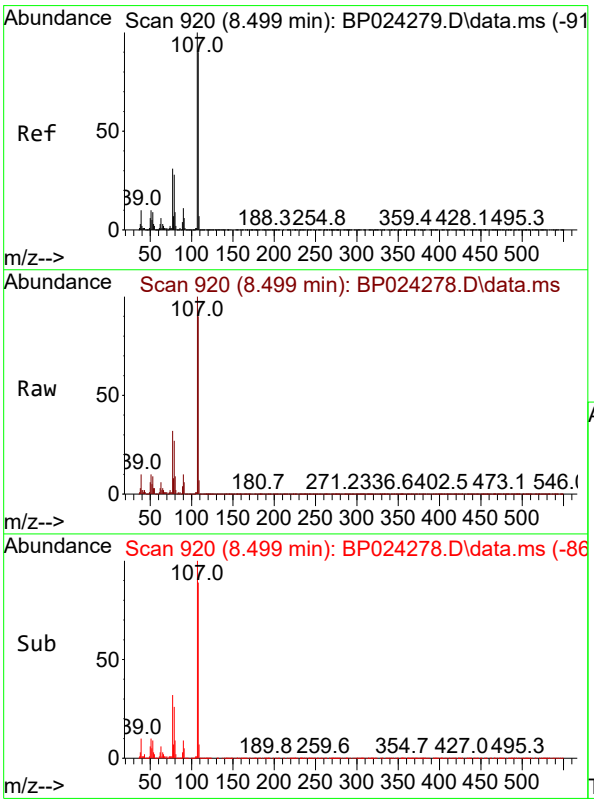
#19
n-Nitroso-di-n-propylamine
Concen: 21.127 ng
RT: 8.528 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 274118

Ion	Ratio	Lower	Upper
70	100		
42	46.5	37.3	55.9
101	10.3	8.2	12.4
130	22.8	18.6	28.0

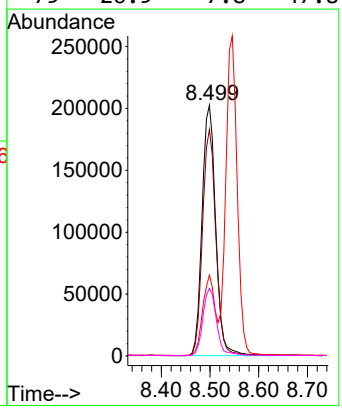


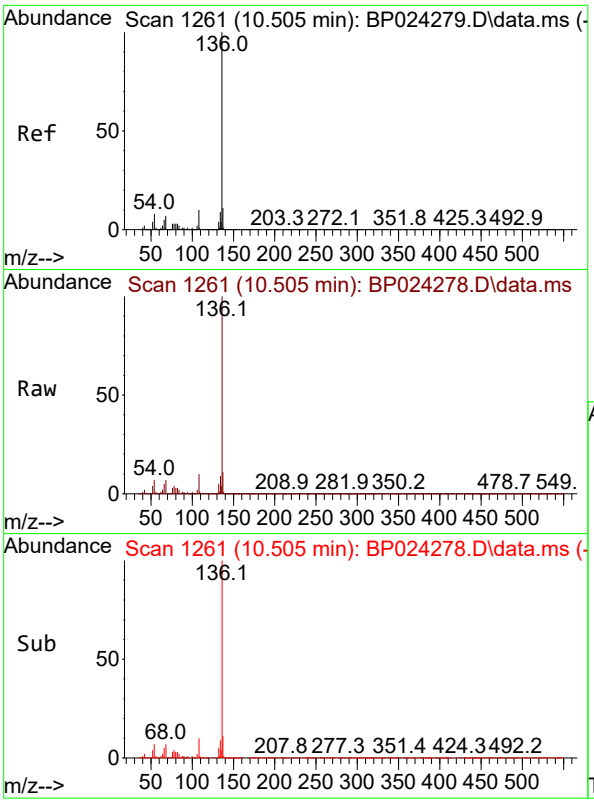


#20
3+4-Methylphenols
Concen: 20.999 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:107 Resp: 393131

Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.8	109.8
77	32.3	11.5	51.5
79	26.9	7.8	47.8



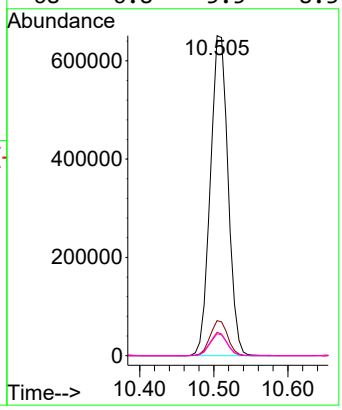


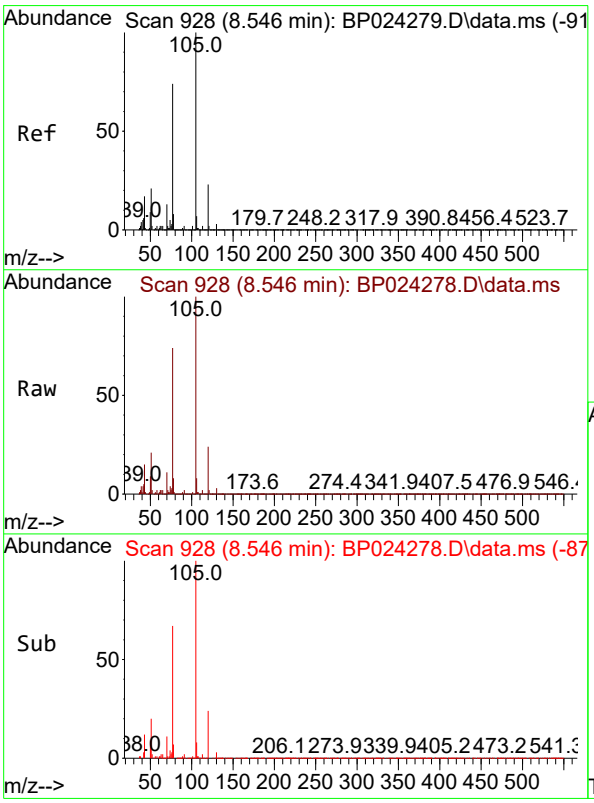
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 1081087

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.3	6.0	9.0
68	6.8	5.5	8.3

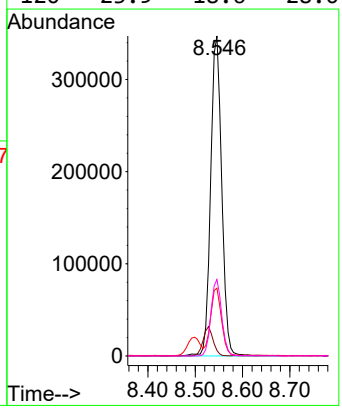


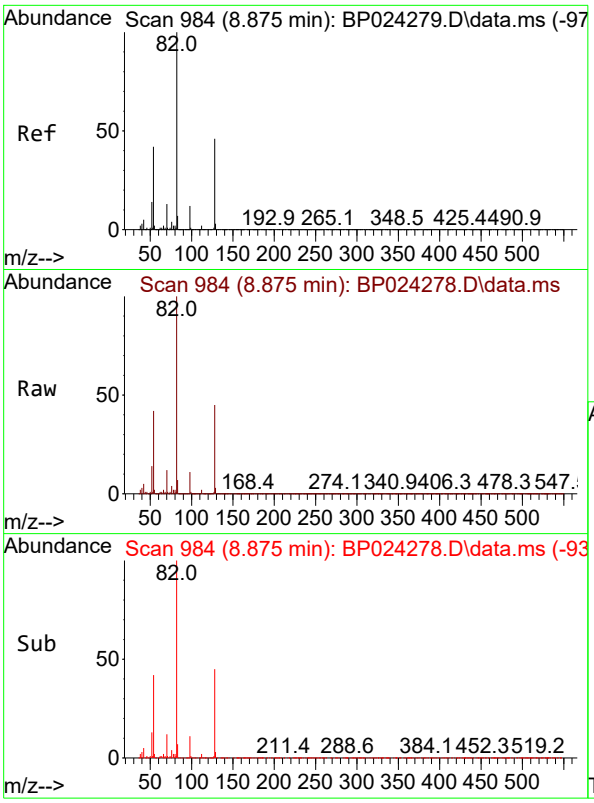


#22
Acetophenone
Concen: 20.991 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:105 Resp: 563994

Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.7	2.5
51	21.2	16.9	25.3
120	23.9	18.6	28.0



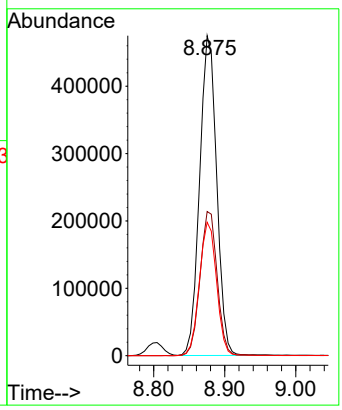


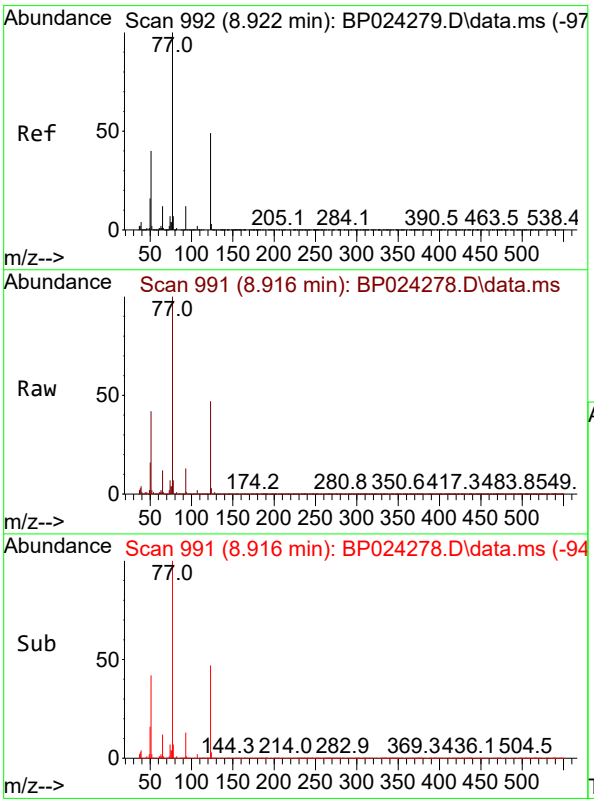
#23
Nitrobenzene-d5
Concen: 41.839 ng
RT: 8.875 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 794485

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.5	54.7
54	41.7	33.4	50.2

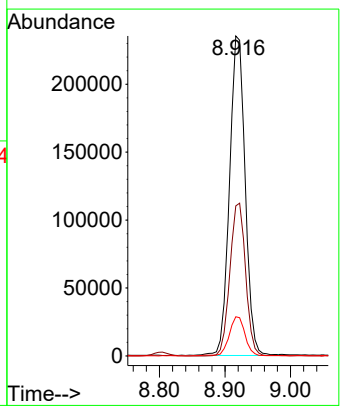


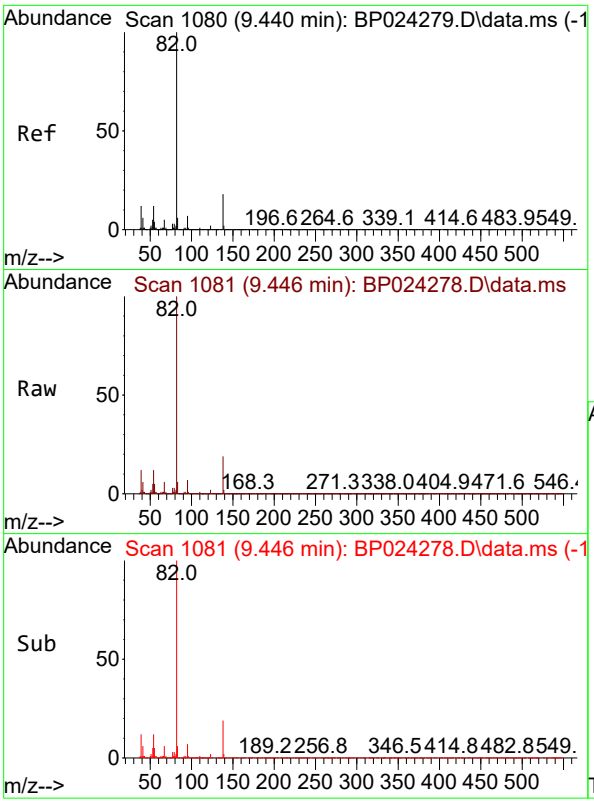


#24
Nitrobenzene
Concen: 20.770 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 77 Resp: 390911

Ion	Ratio	Lower	Upper
77	100		
123	46.9	39.2	58.8
65	12.3	9.8	14.6



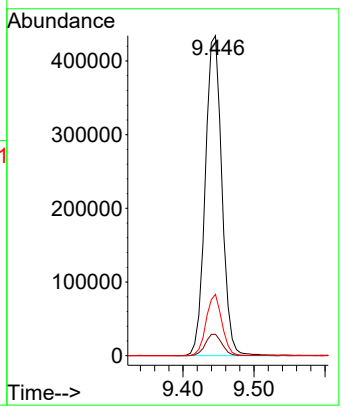


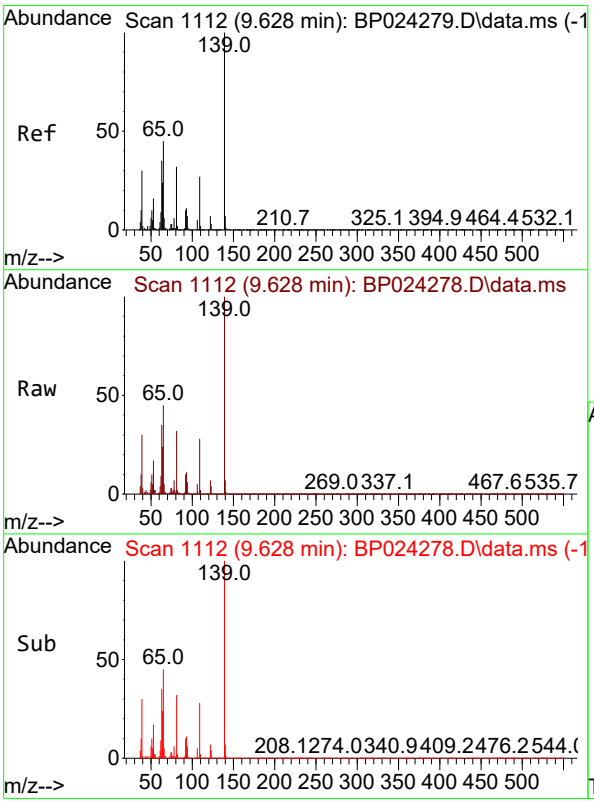
#25
Isophorone
Concen: 20.588 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 705771

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.2
138	19.2	14.4	21.6

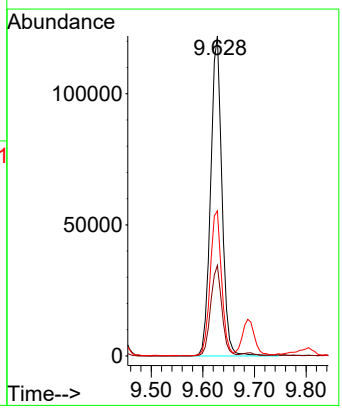


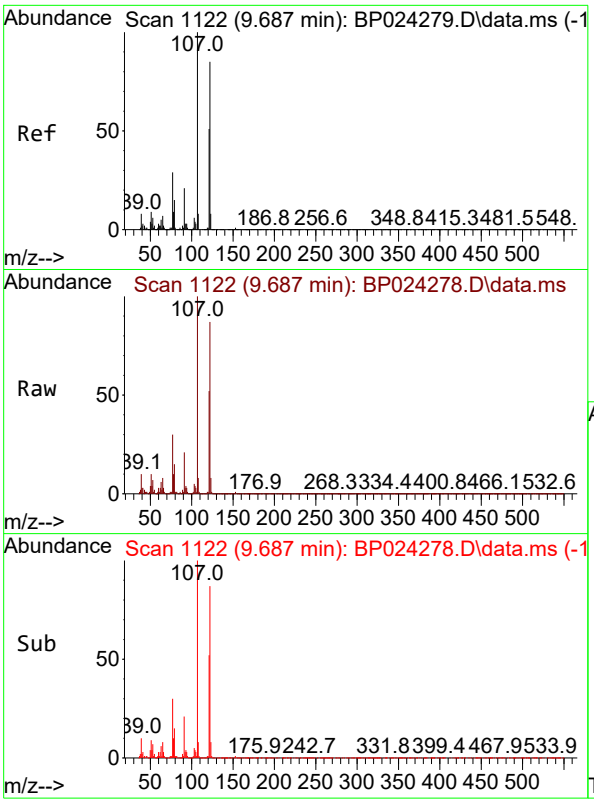


#26
2-Nitrophenol
Concen: 20.553 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:139 Resp: 185740

Ion	Ratio	Lower	Upper
139	100		
109	28.3	21.8	32.6
65	45.4	36.2	54.2



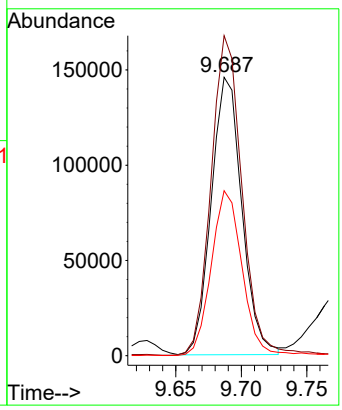


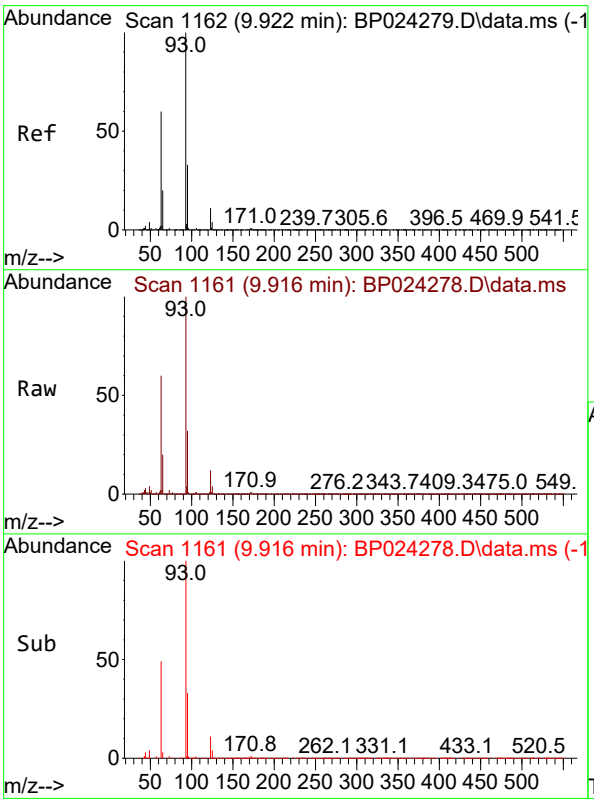
#27
2,4-Dimethylphenol
Concen: 20.643 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 236436

Ion	Ratio	Lower	Upper
122	100		
107	114.9	93.7	140.5
121	59.2	48.2	72.2

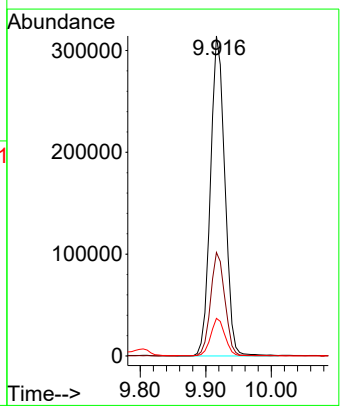


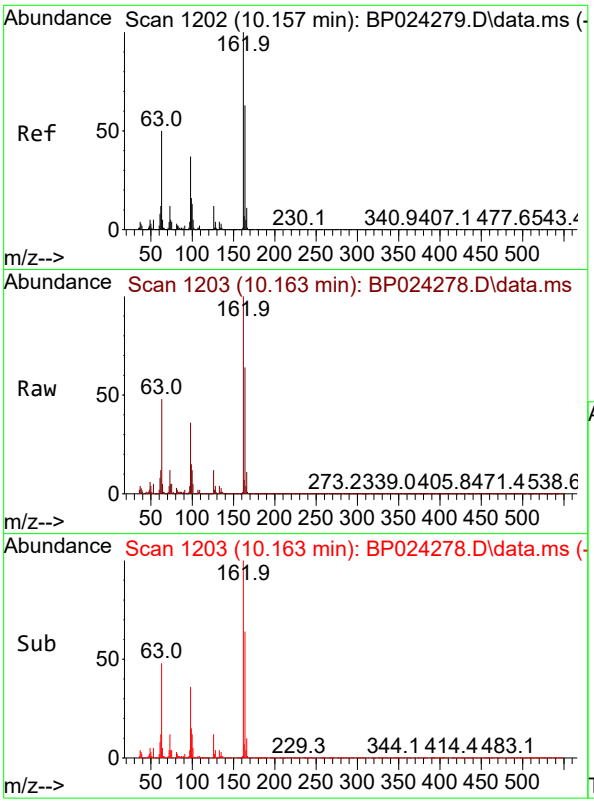


#28
bis(2-Chloroethoxy)methane
Concen: 20.575 ng
RT: 9.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 93 Resp: 480036

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	11.8	9.1	13.7



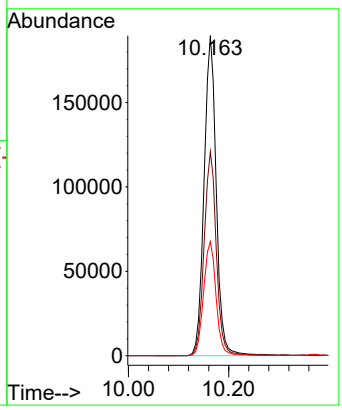


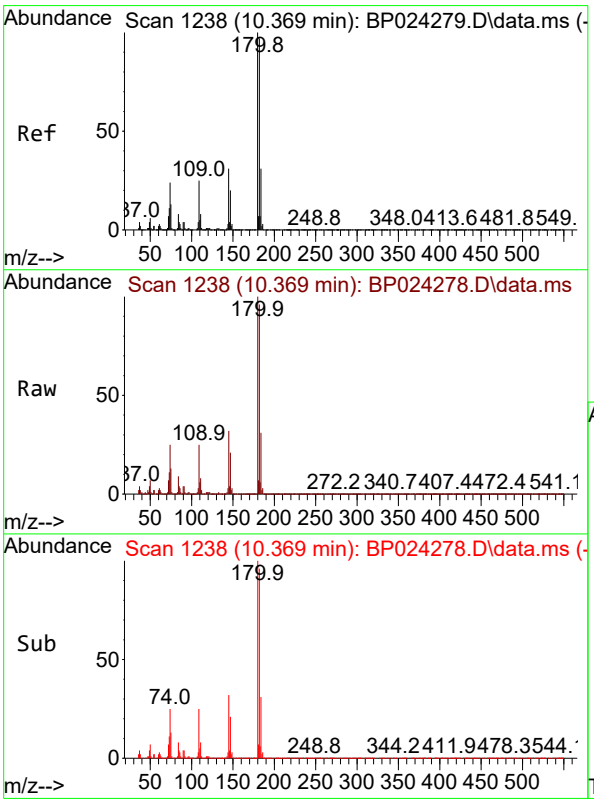
#29
2,4-Dichlorophenol
Concen: 20.536 ng
RT: 10.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 320579

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.3	83.3
98	35.6	16.6	56.6

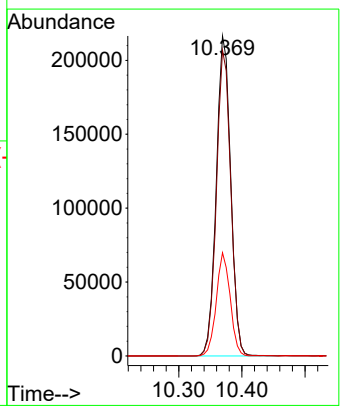


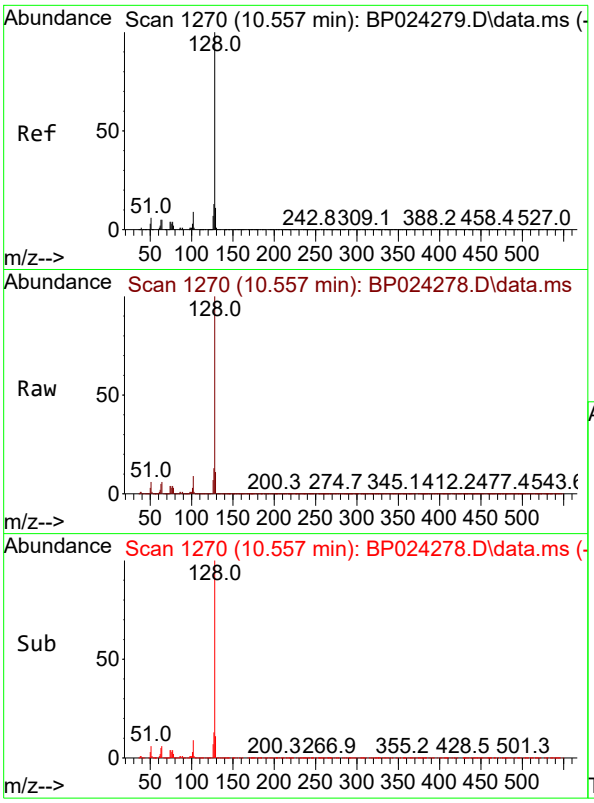


#30
1,2,4-Trichlorobenzene
Concen: 20.348 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:180 Resp: 343641

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.3	115.9
145	32.3	25.1	37.7



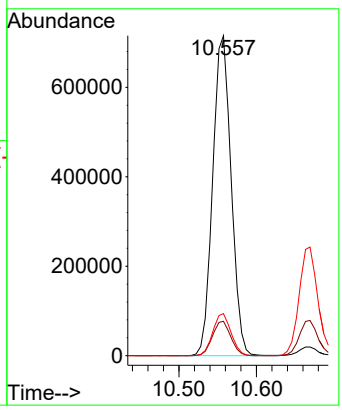


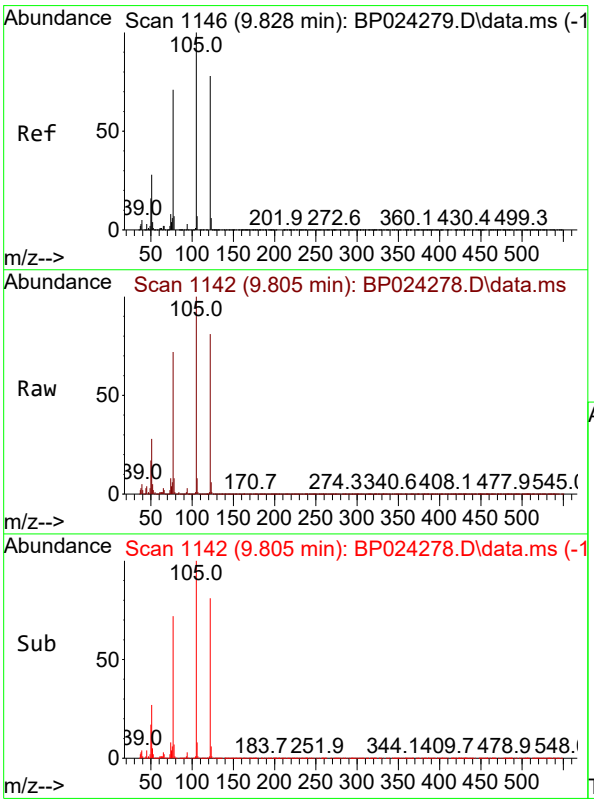
#31
Naphthalene
Concen: 20.618 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 1179848

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.2	10.3	15.5

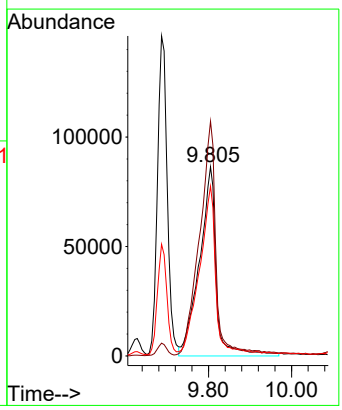


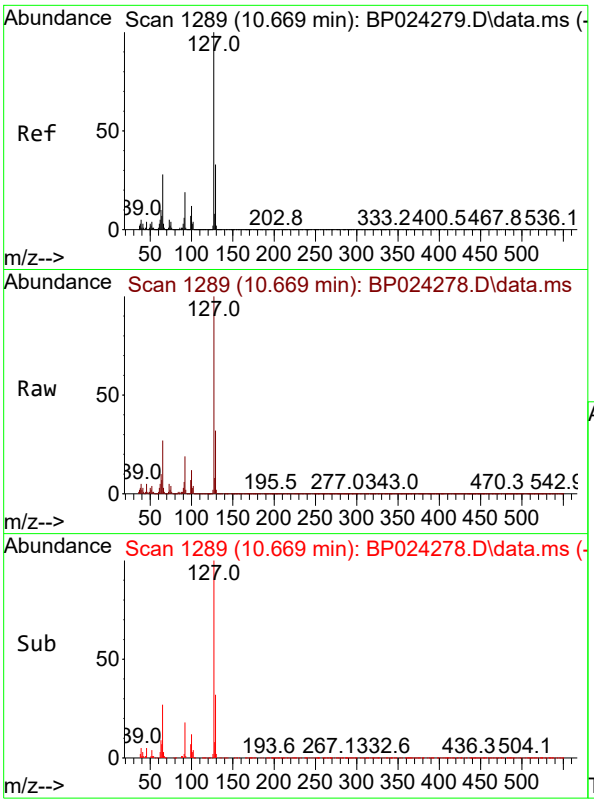


#32
Benzoic acid
Concen: 19.731 ng m
RT: 9.805 min Scan# 1142
Delta R.T. -0.024 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:122 Resp: 244213

Ion	Ratio	Lower	Upper
122	100		
105	124.1	104.8	144.8
77	89.8	69.2	109.2



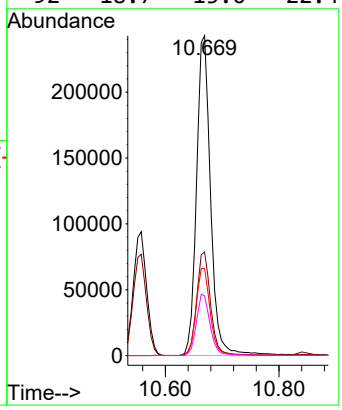


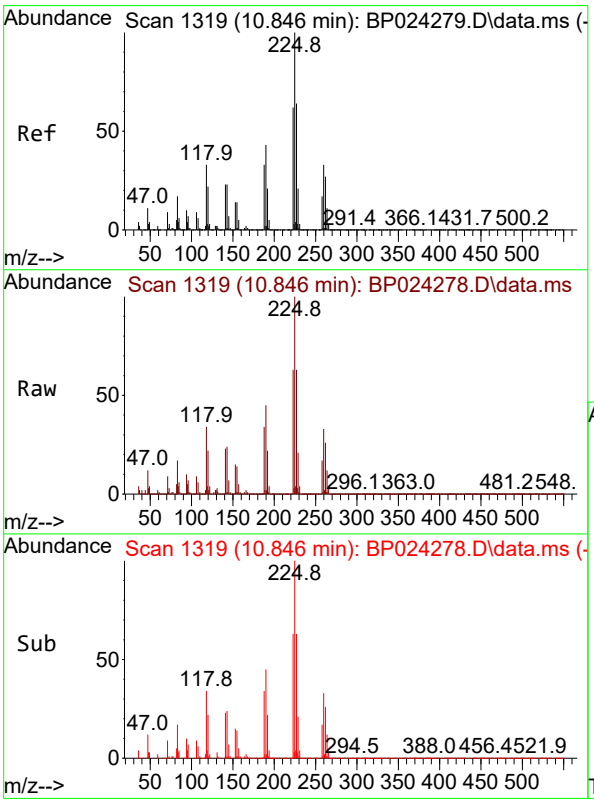
#33
4-Chloroaniline
Concen: 21.010 ng
RT: 10.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 420086

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	27.2	22.1	33.1
92	18.7	15.0	22.4

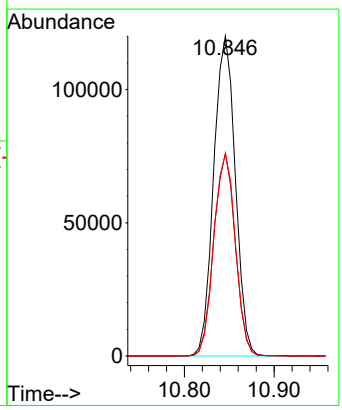


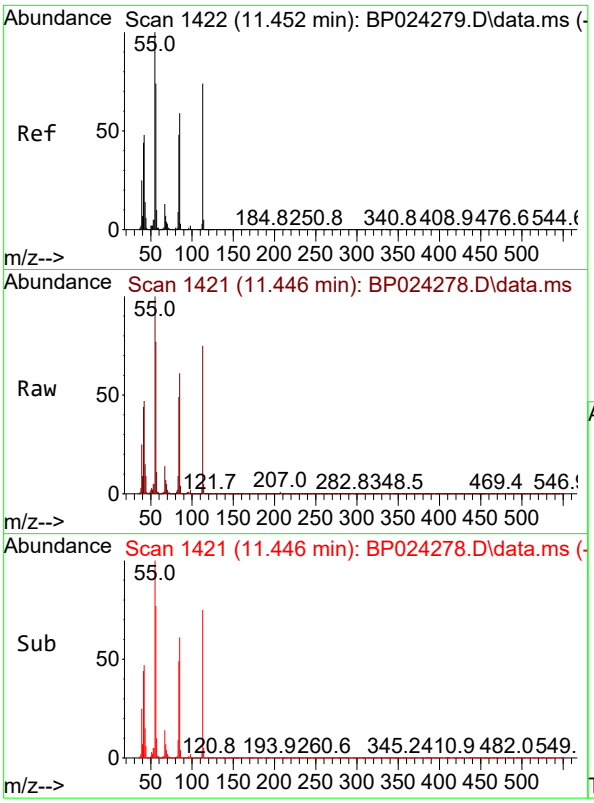


#34
Hexachlorobutadiene
Concen: 20.267 ng
RT: 10.846 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:225 Resp: 200785

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.5	74.3
227	63.3	50.9	76.3



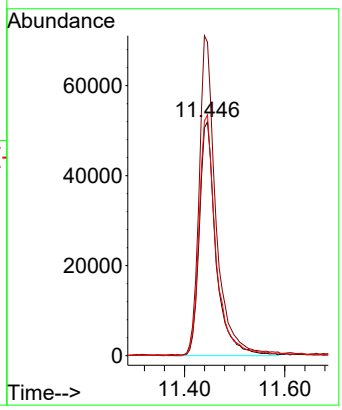


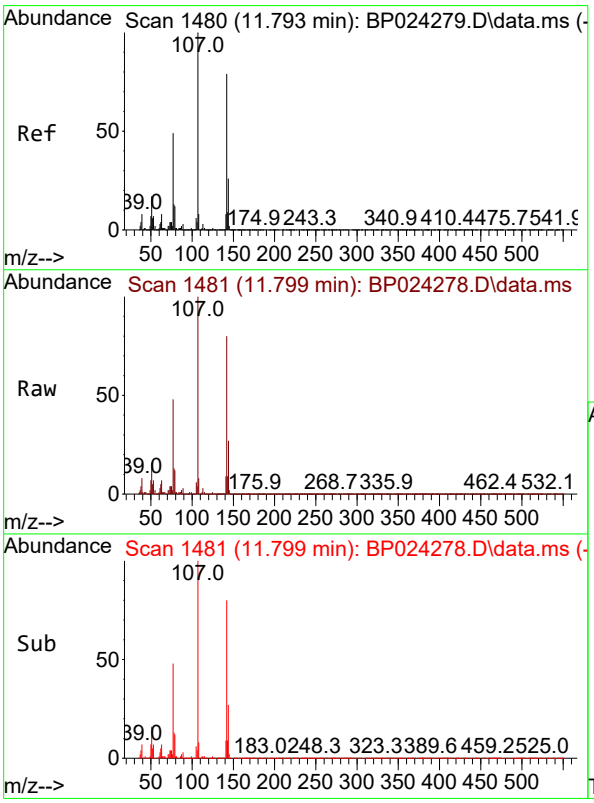
#35
Caprolactam
Concen: 20.922 ng
RT: 11.446 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 119912

Ion	Ratio	Lower	Upper
113	100		
55	134.1	115.9	155.9
56	103.0	81.1	121.1

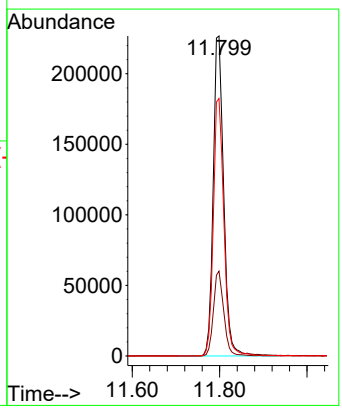


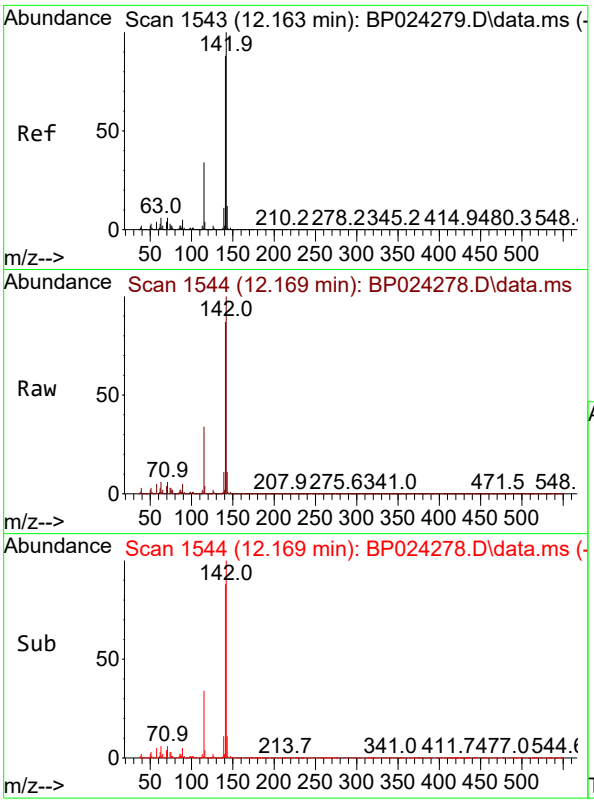


#36
4-Chloro-3-methylphenol
Concen: 20.767 ng
RT: 11.799 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:107 Resp: 377768

Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.5	30.7
142	80.4	63.4	95.2



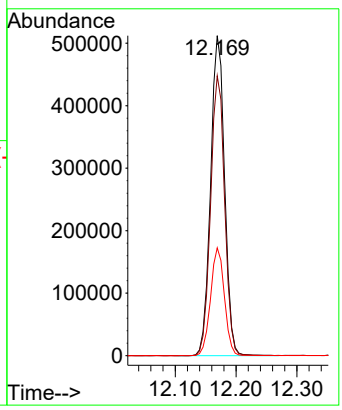


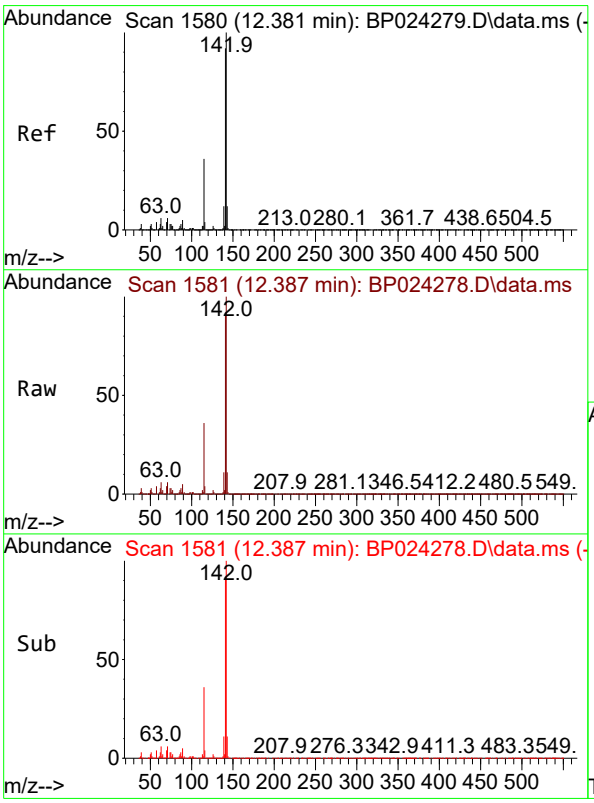
#37
2-Methylnaphthalene
Concen: 20.583 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 816314

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	33.7	26.9	40.3

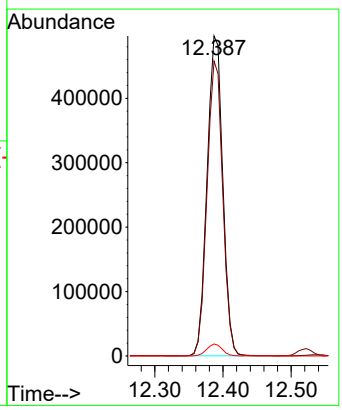


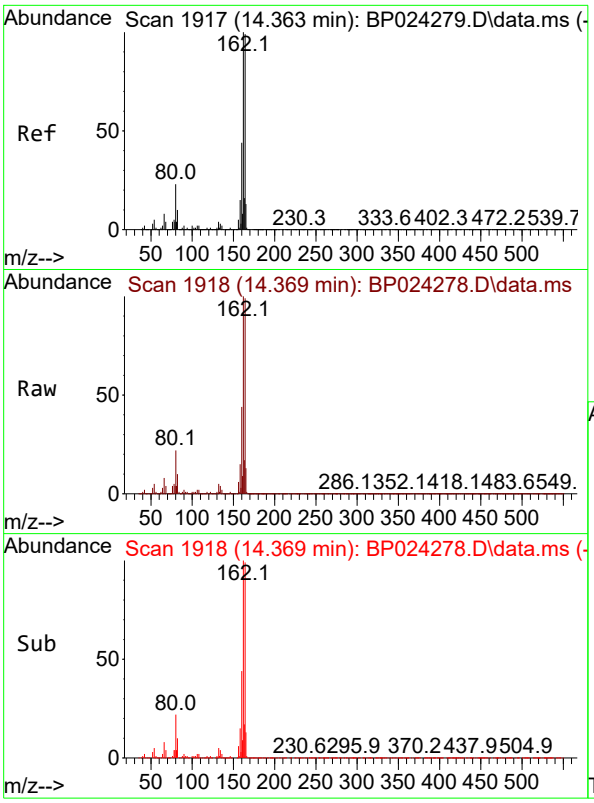


#38
1-Methylnaphthalene
Concen: 20.503 ng
RT: 12.387 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:142 Resp: 796550

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.6	110.4
116	3.8	3.0	4.6



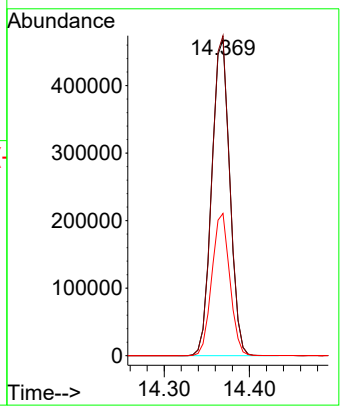


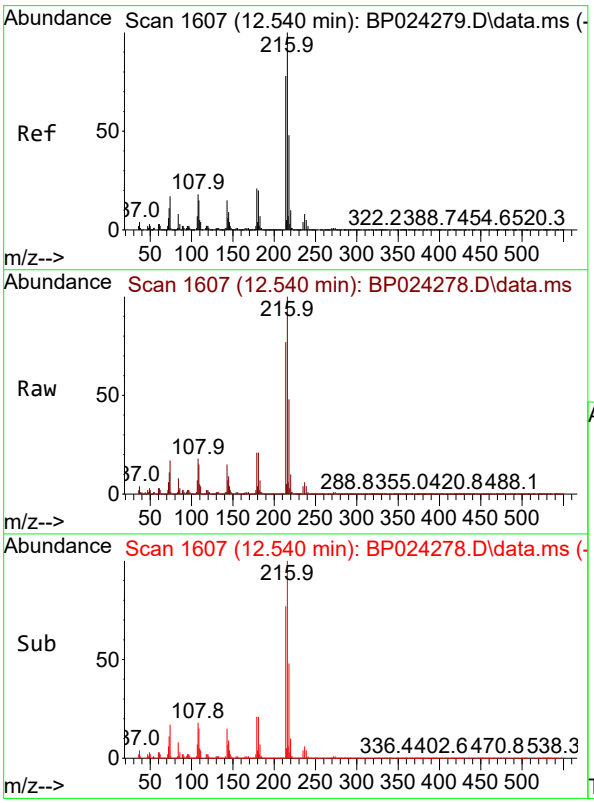
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 688775

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	45.0	35.3	52.9

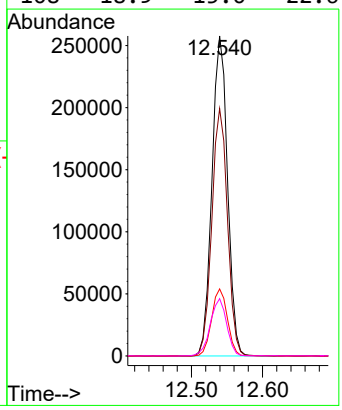


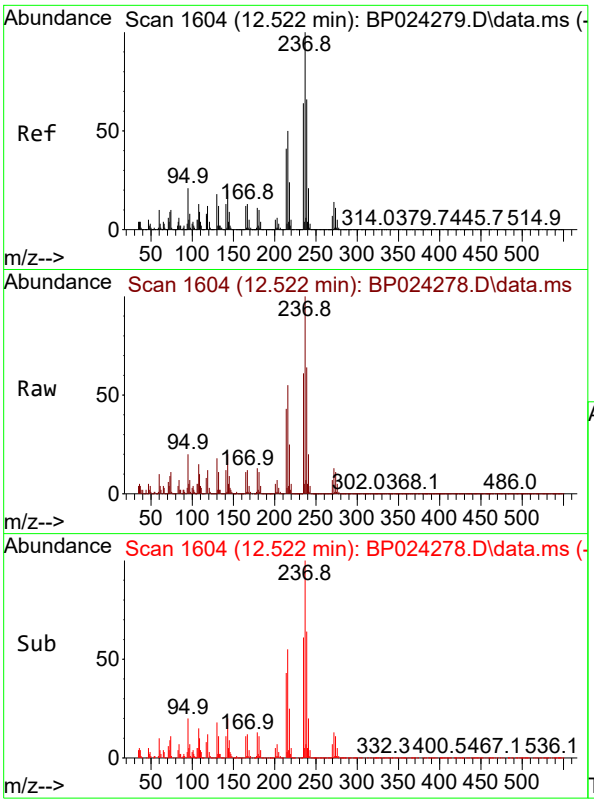


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.669 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:216 Resp: 391241

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.6	93.8
179	21.2	17.2	25.8
108	18.9	15.0	22.6



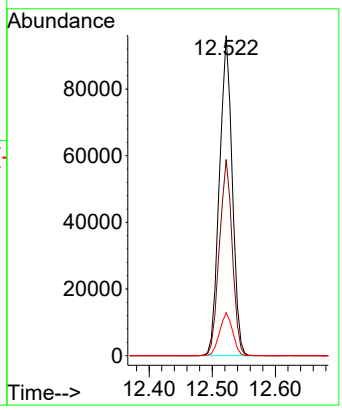


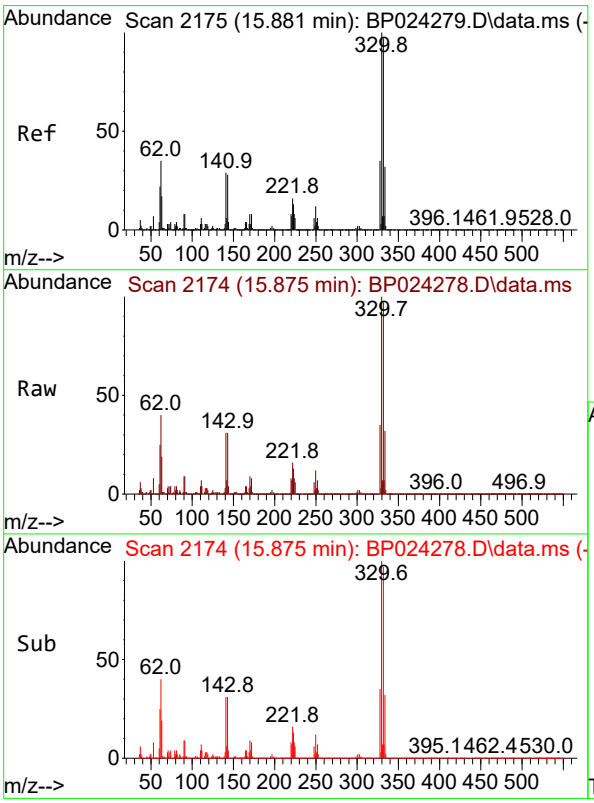
#41
Hexachlorocyclopentadiene
Concen: 20.414 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 135654

Ion	Ratio	Lower	Upper
237	100		
235	61.3	43.9	83.9
272	13.5	0.0	33.6

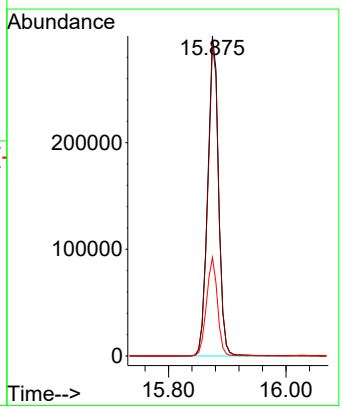


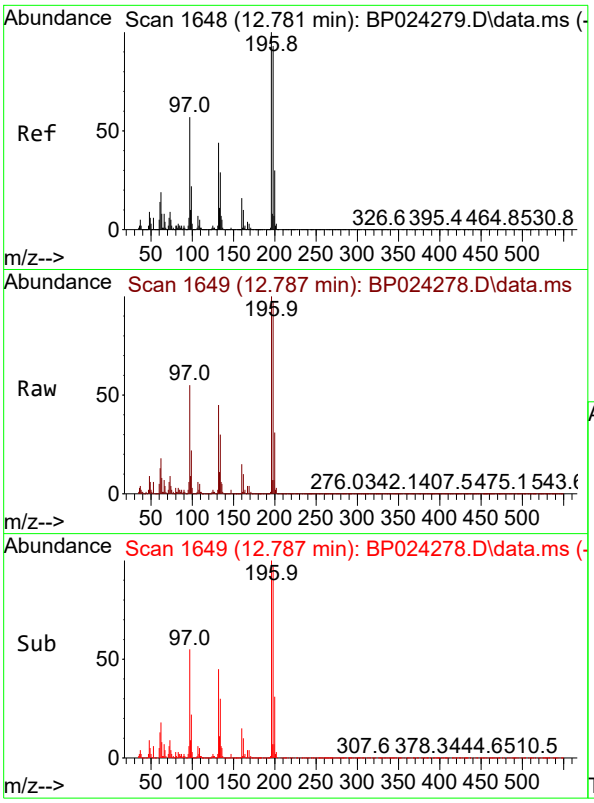


#42
2,4,6-Tribromophenol
Concen: 40.617 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:330 Resp: 383088

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	30.9	24.7	37.1



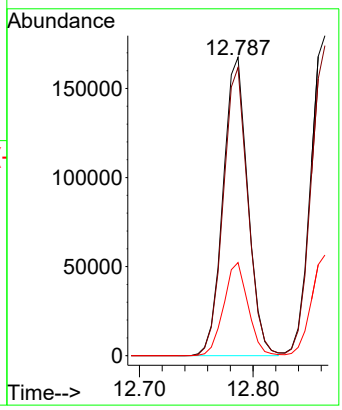


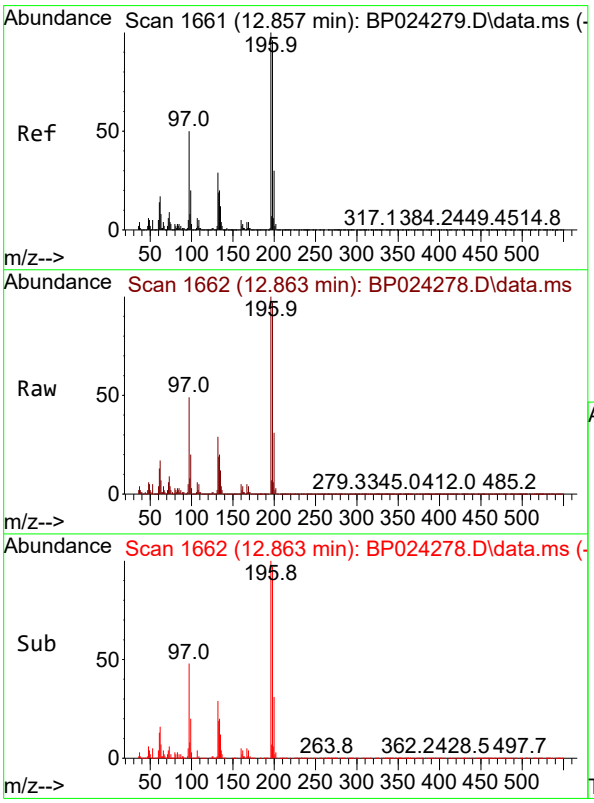
#43
2,4,6-Trichlorophenol
Concen: 20.410 ng
RT: 12.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 254189

Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.3	111.5
200	31.2	24.0	36.0

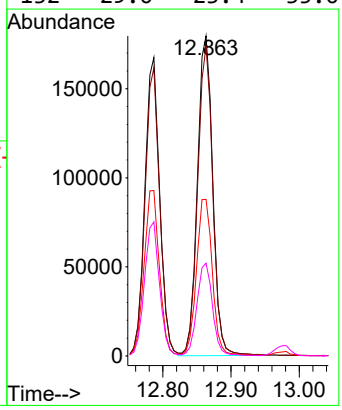


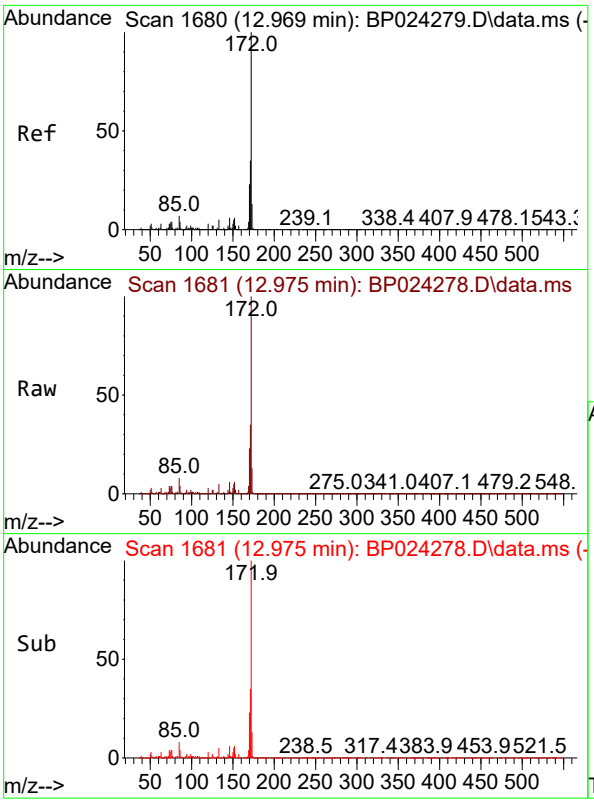


#44
2,4,5-Trichlorophenol
Concen: 20.424 ng
RT: 12.863 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:196 Resp: 281887

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.3	115.9
97	48.9	40.4	60.6
132	29.0	23.4	35.0



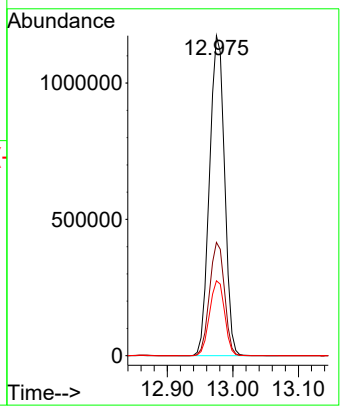


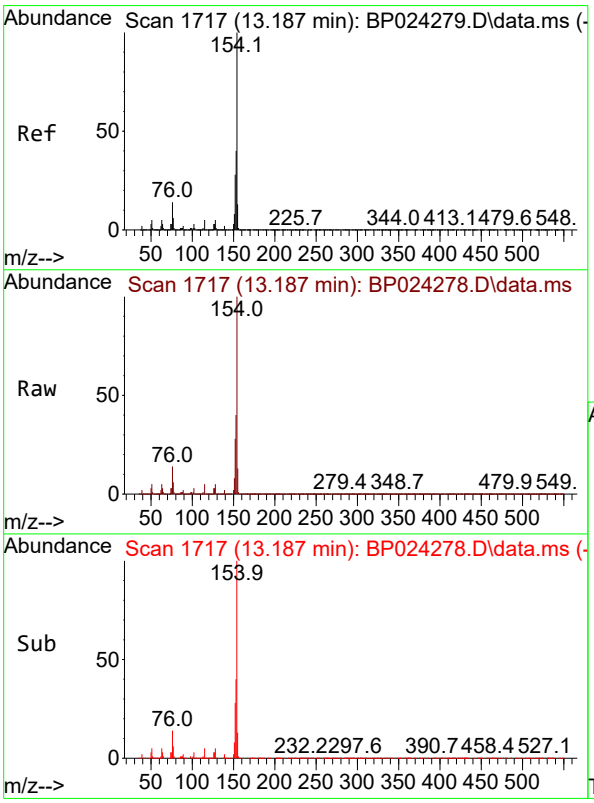
#45
2-Fluorobiphenyl
Concen: 41.254 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 1871534

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.4	18.6	27.8

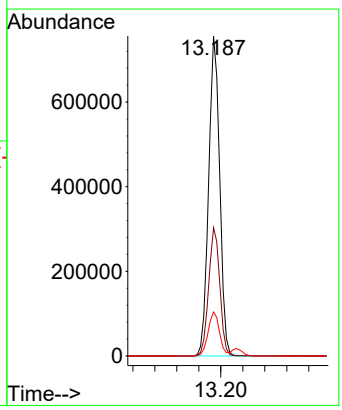


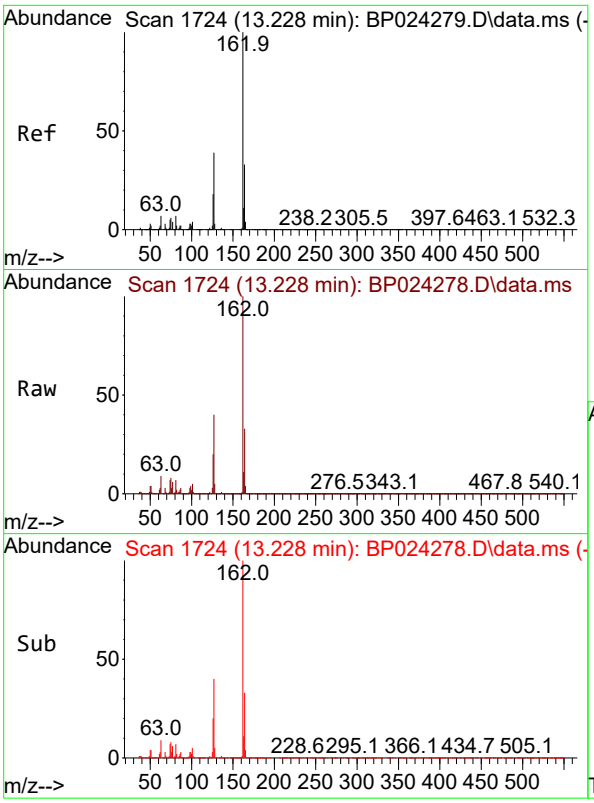


#46
1,1'-Biphenyl
Concen: 20.694 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:154 Resp: 1052618

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	13.7	0.0	33.5



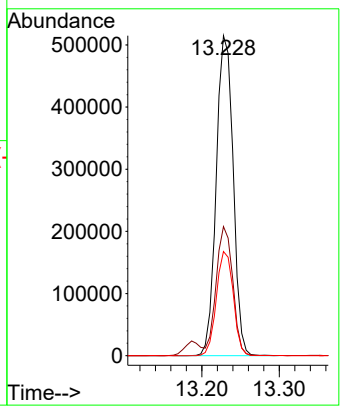


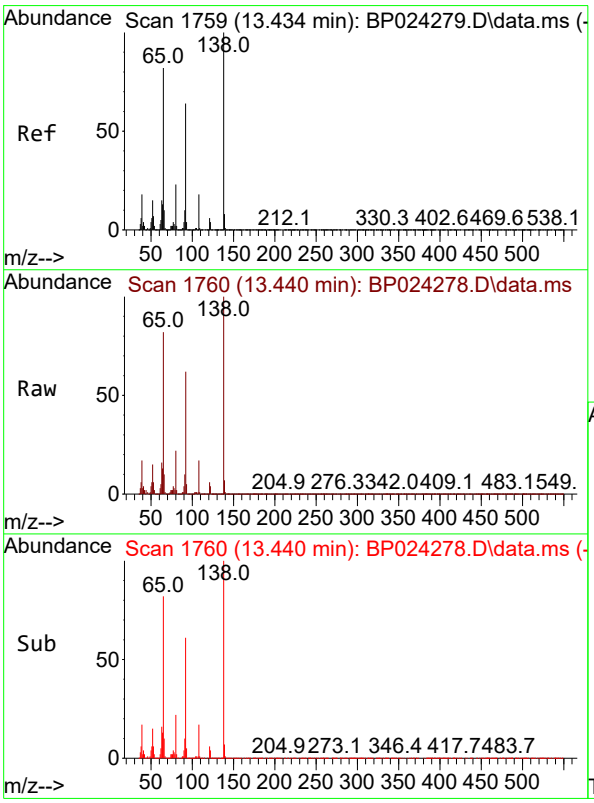
#47
2-Chloronaphthalene
Concen: 20.603 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 782040

Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.9	47.9
164	32.6	26.2	39.4

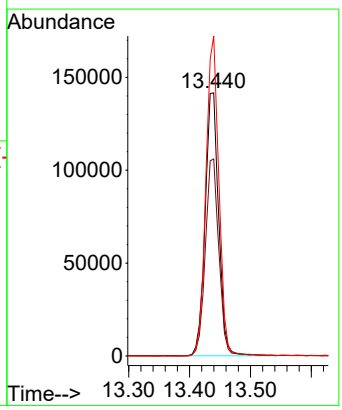


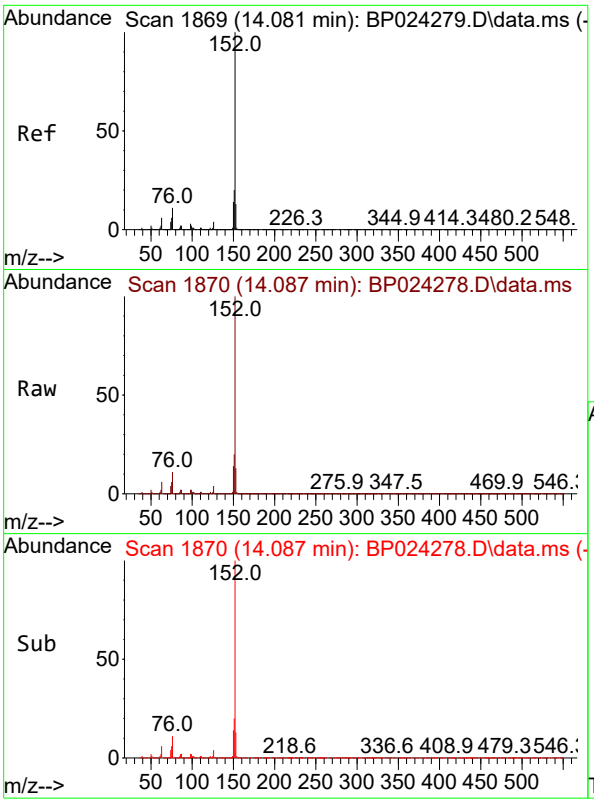


#48
2-Nitroaniline
Concen: 20.811 ng
RT: 13.440 min Scan# 1760
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 65 Resp: 218194

Ion	Ratio	Lower	Upper
65	100		
92	74.9	62.3	93.5
138	121.6	97.2	145.8



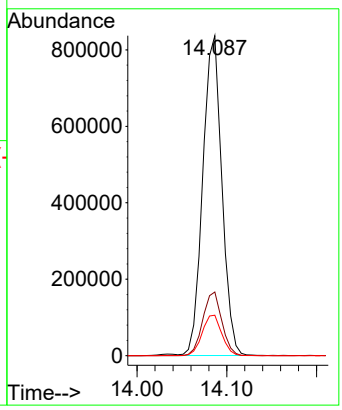


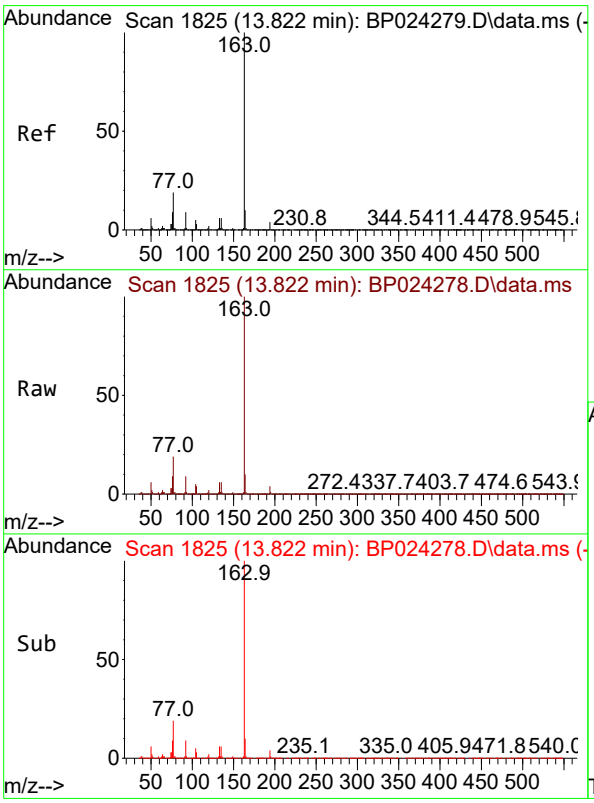
#49
Acenaphthylene
Concen: 20.726 ng
RT: 14.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 1234728

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	12.7	10.6	15.8

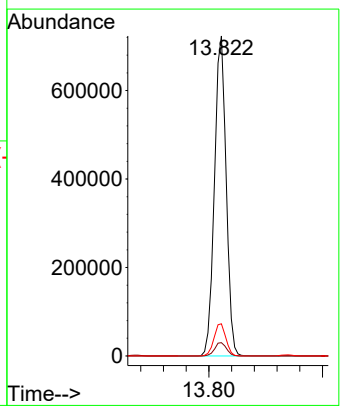


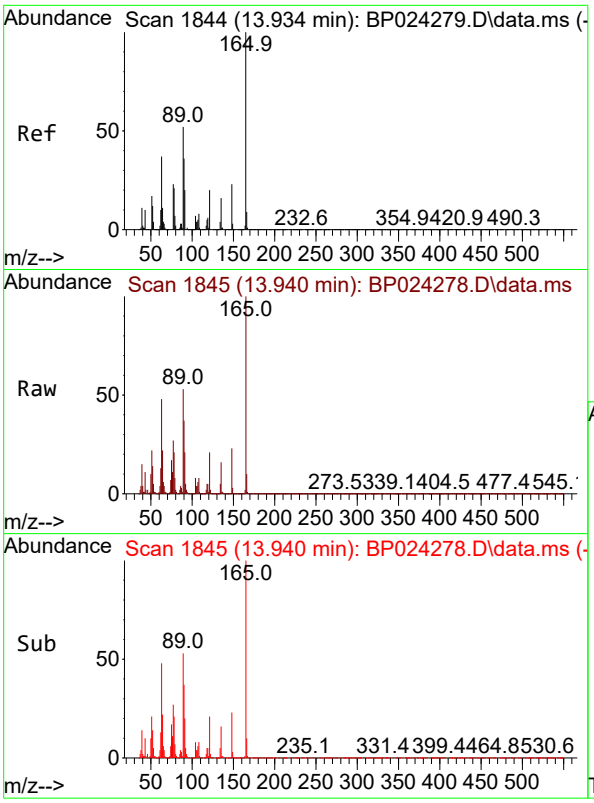


#50
Dimethylphthalate
Concen: 20.489 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:163 Resp: 1029599

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.1	8.0	12.0



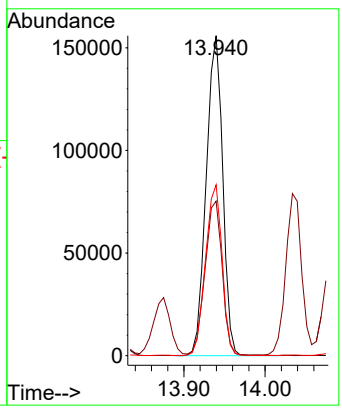


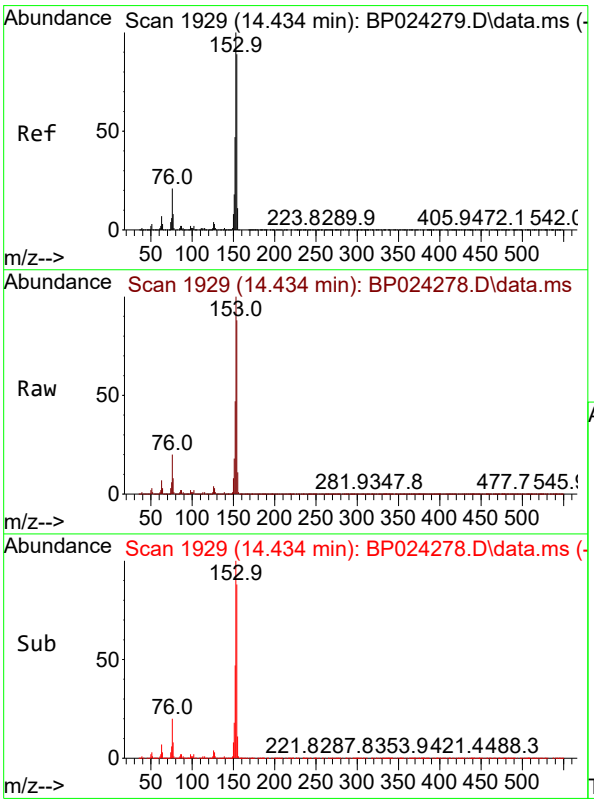
#51
2,6-Dinitrotoluene
Concen: 20.731 ng
RT: 13.940 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 219492

Ion	Ratio	Lower	Upper
165	100		
63	48.3	38.0	57.0
89	53.4	41.7	62.5

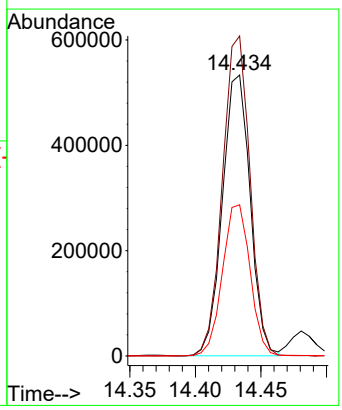


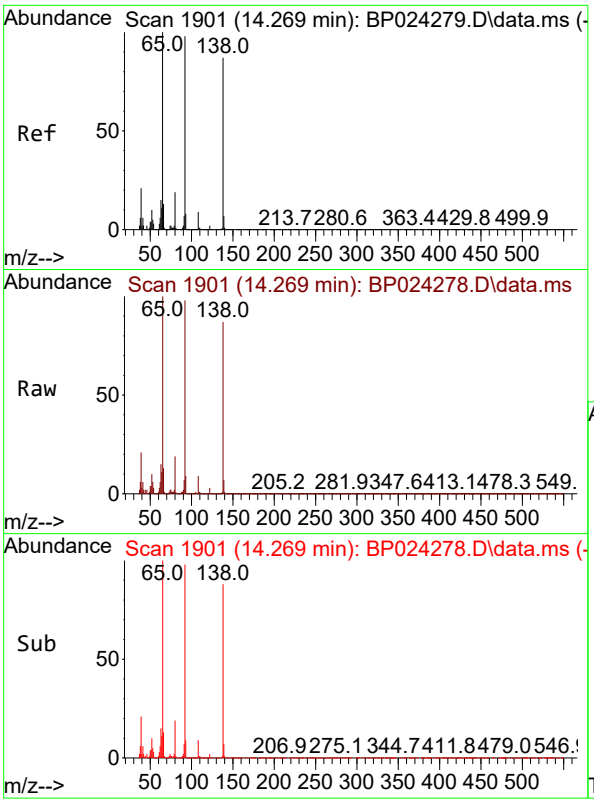


#52
Acenaphthene
Concen: 20.741 ng
RT: 14.434 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:154 Resp: 785789

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.8	134.6
152	53.8	42.6	63.8



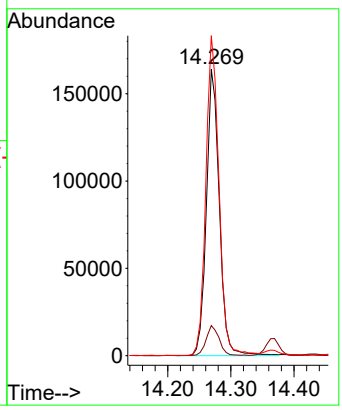


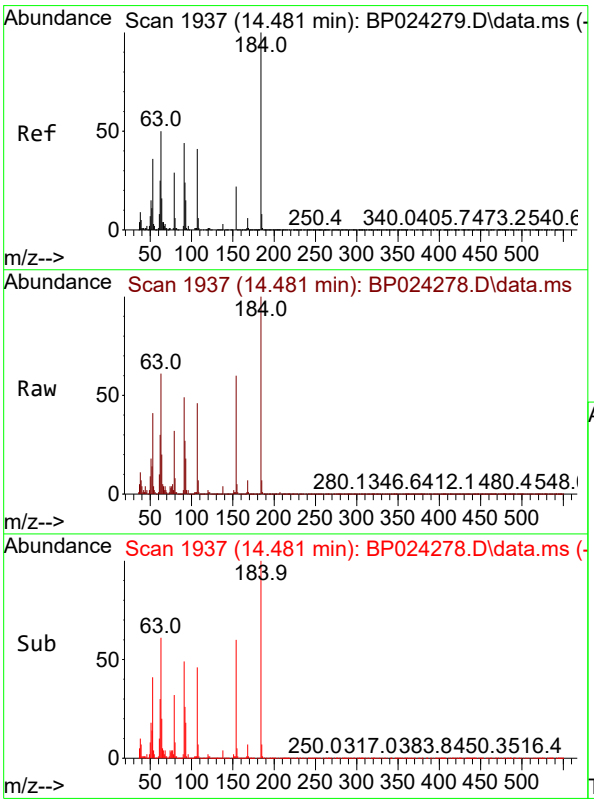
#53
3-Nitroaniline
Concen: 21.212 ng
RT: 14.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 233006

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.3	12.5
92	111.7	89.8	134.8

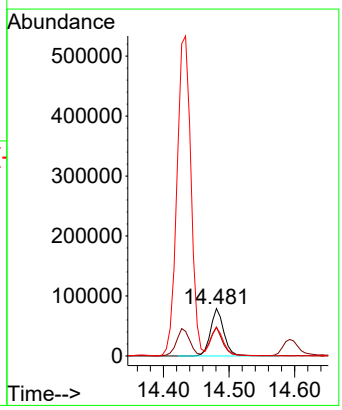


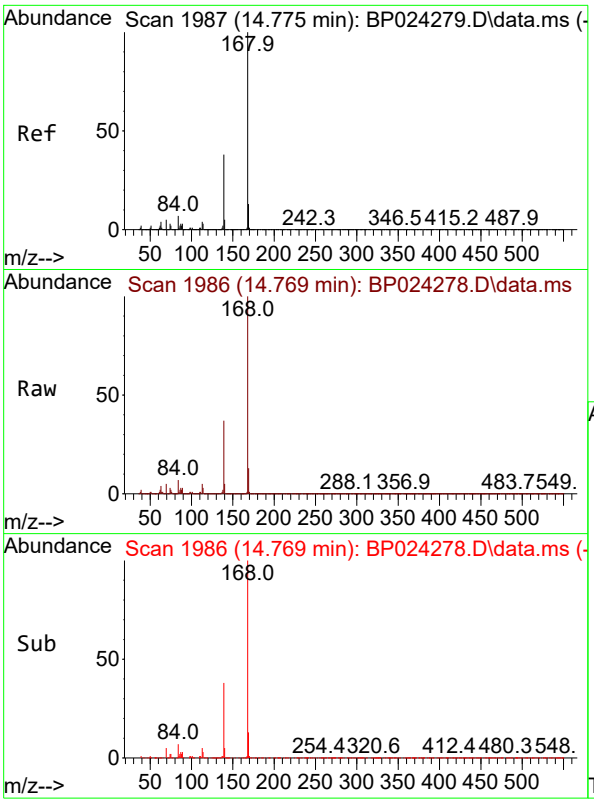


#54
2,4-Dinitrophenol
Concen: 19.785 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:184 Resp: 112157

Ion	Ratio	Lower	Upper
184	100		
63	61.0	42.6	64.0
154	60.0	47.2	70.8



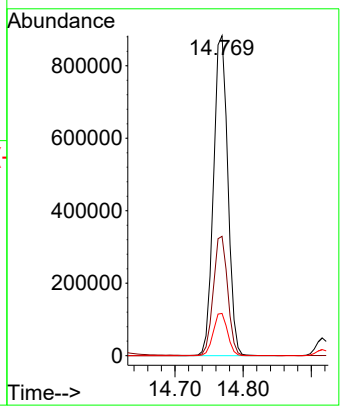


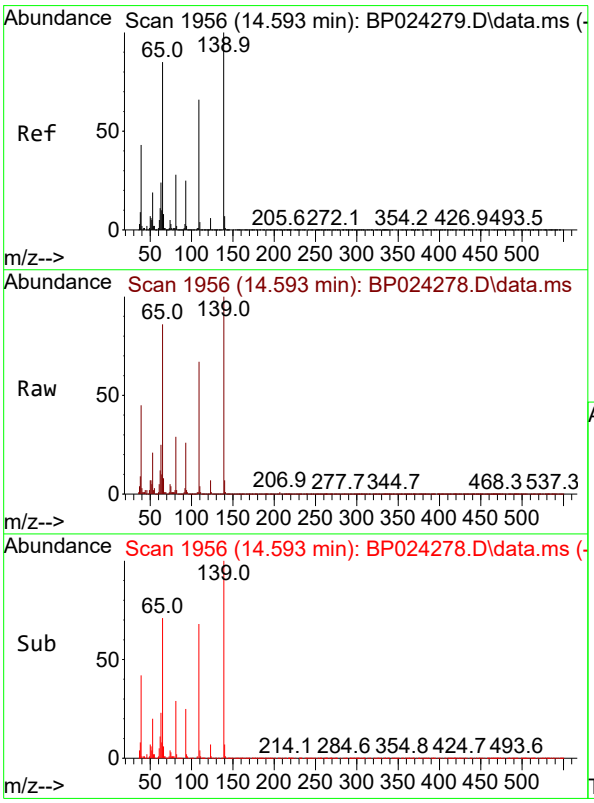
#55
Dibenzofuran
Concen: 20.735 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 1288363

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.3	45.5
169	13.2	10.6	16.0

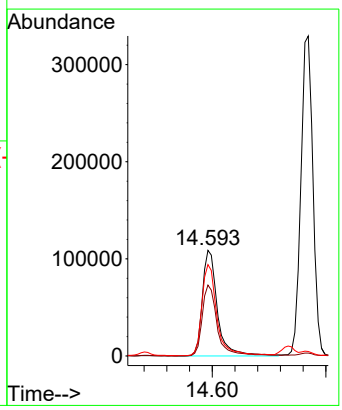


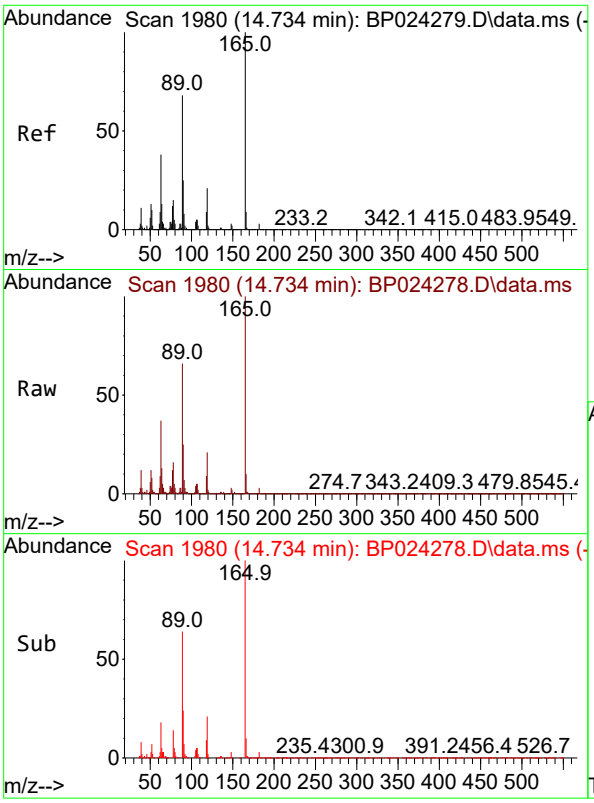


#56
4-Nitrophenol
Concen: 21.109 ng
RT: 14.593 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:139 Resp: 199315

Ion	Ratio	Lower	Upper
139	100		
109	67.0	46.1	86.1
65	86.5	65.0	105.0



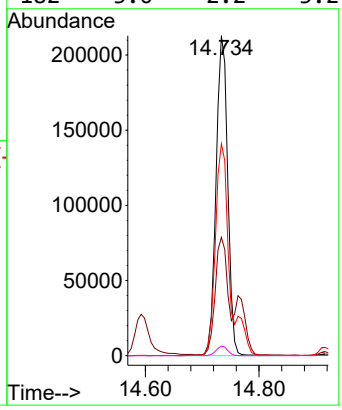


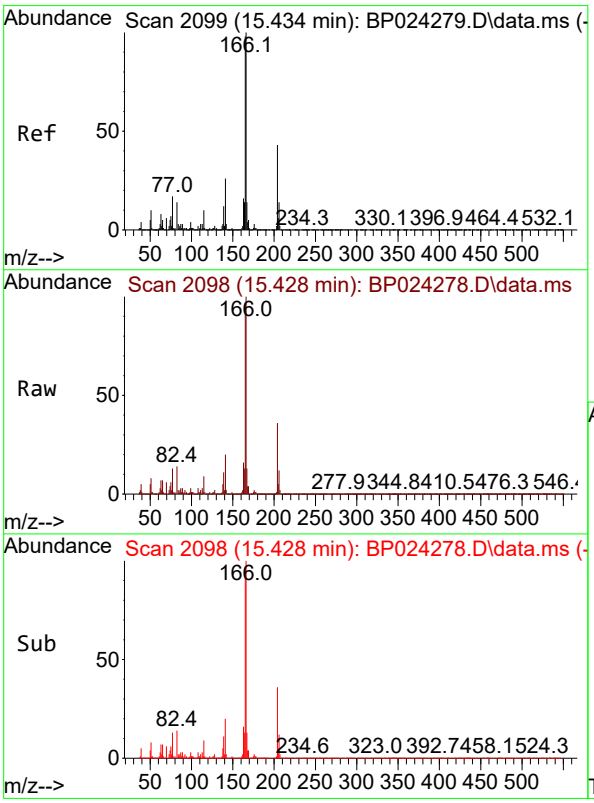
#57
2,4-Dinitrotoluene
Concen: 21.126 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 302332

Ion	Ratio	Lower	Upper
165	100		
63	37.0	30.4	45.6
89	66.2	54.6	82.0
182	3.0	2.2	3.2

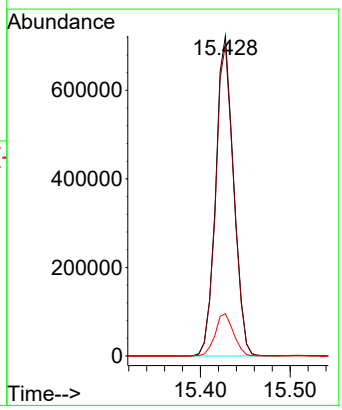


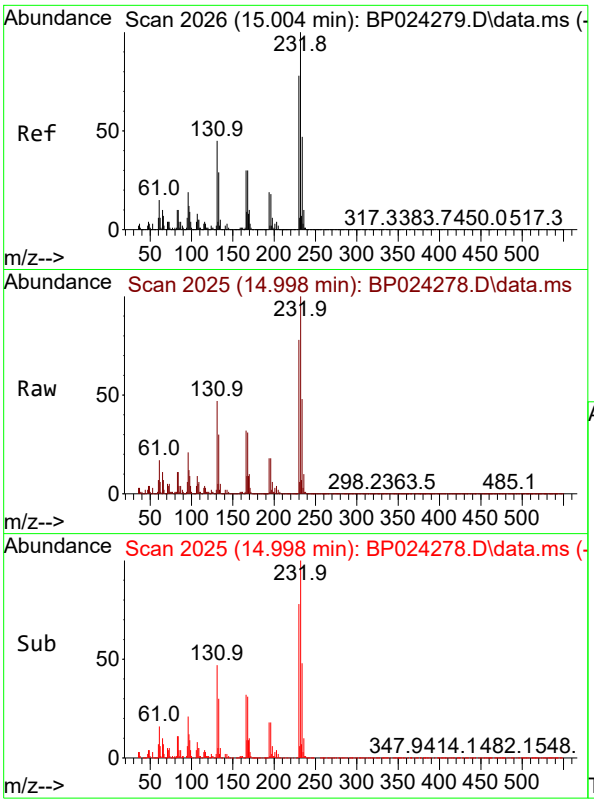


#58
Fluorene
Concen: 20.876 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:166 Resp: 1001515

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.1	117.1
167	13.2	10.9	16.3



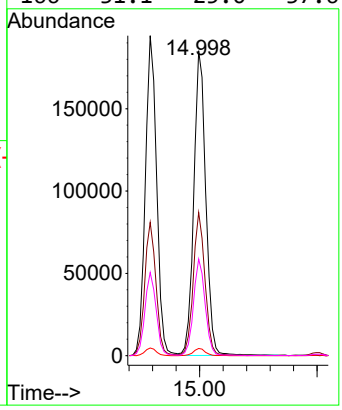


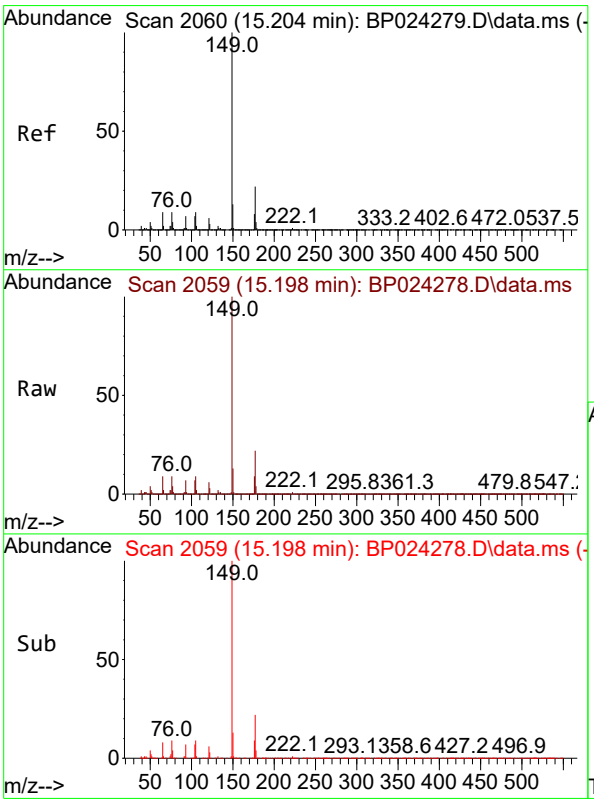
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.523 ng
RT: 14.998 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 262077

Ion	Ratio	Lower	Upper
232	100		
131	45.5	36.8	55.2
130	2.4	1.9	2.9
166	31.1	25.0	37.6

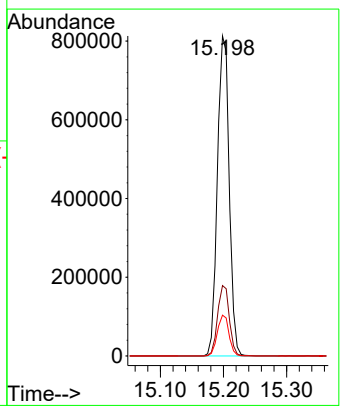


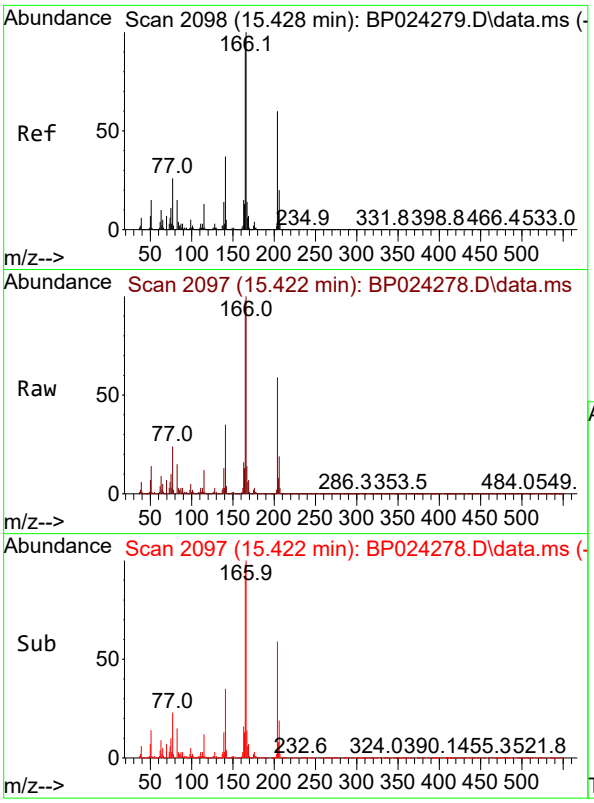


#60
Diethylphthalate
Concen: 20.344 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:149 Resp: 1052183

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.8	10.1	15.1



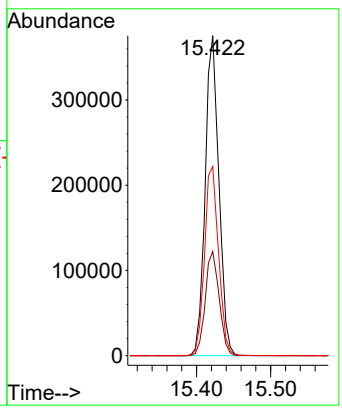


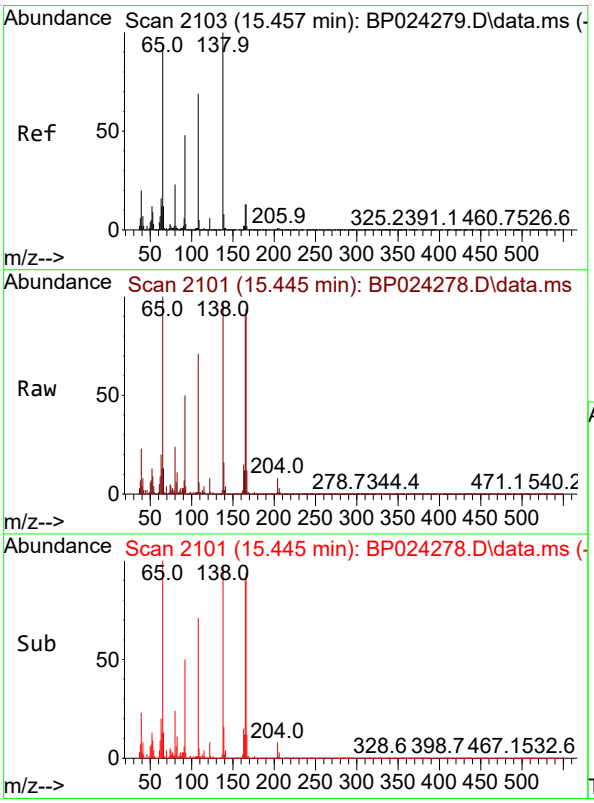
#61
4-Chlorophenyl-phenylether
Concen: 20.675 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 481631

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	59.2	49.4	74.0

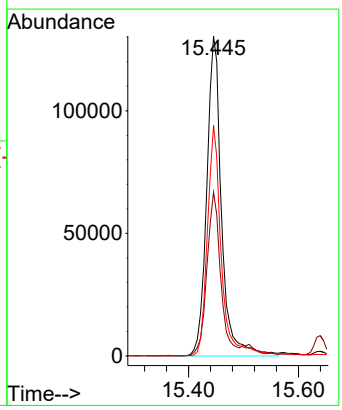


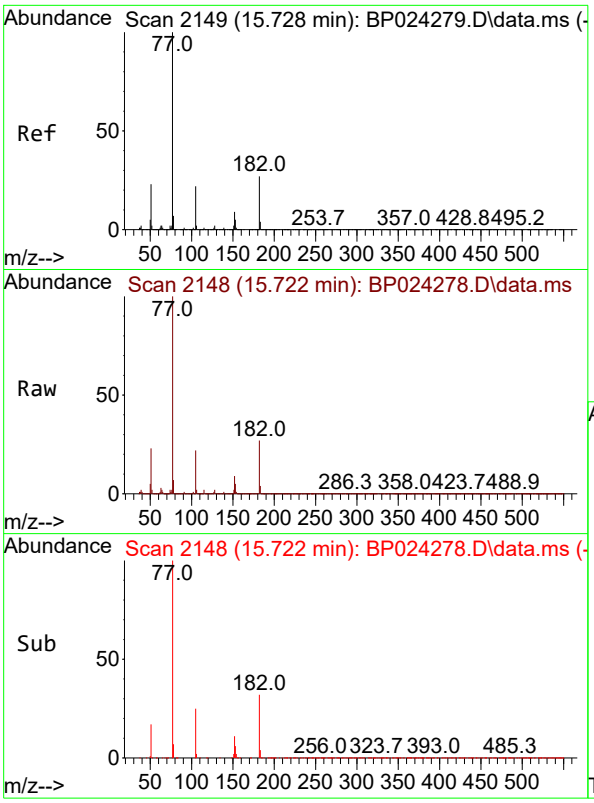


#62
4-Nitroaniline
Concen: 20.888 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.012 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:138 Resp: 243257

Ion	Ratio	Lower	Upper
138	100		
92	51.2	27.8	67.8
108	72.0	48.9	88.9



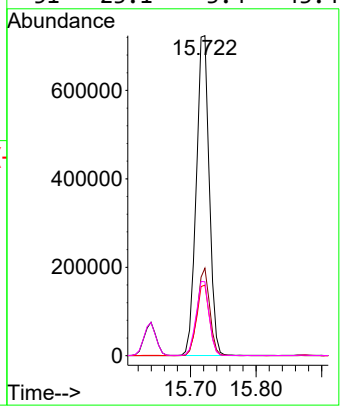


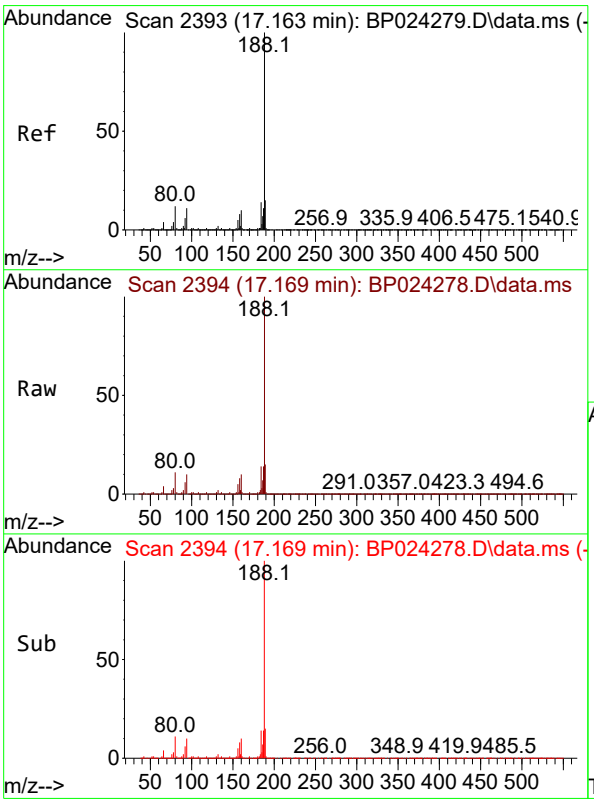
#63
Azobenzene
Concen: 20.907 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 995912

Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	22.0	2.3	42.3
51	23.1	3.4	43.4

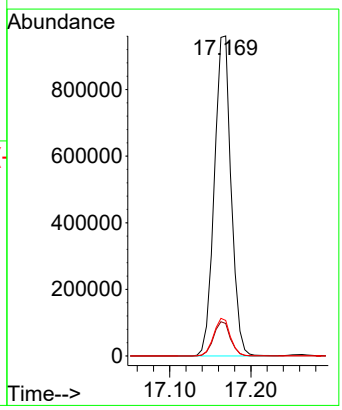


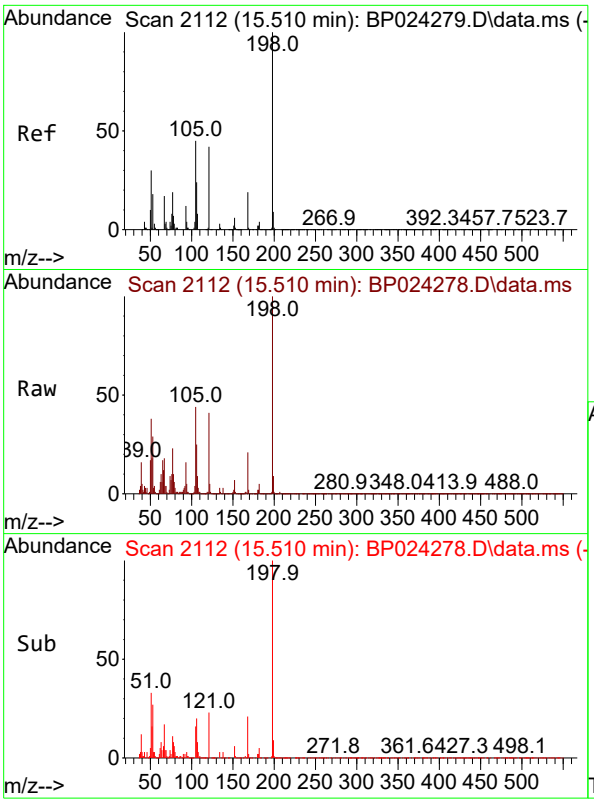


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2394
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:188 Resp: 1378480

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.6	13.0
80	11.1	9.8	14.6



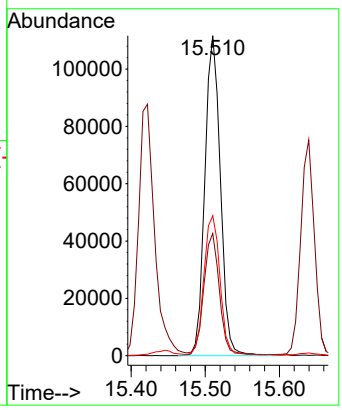


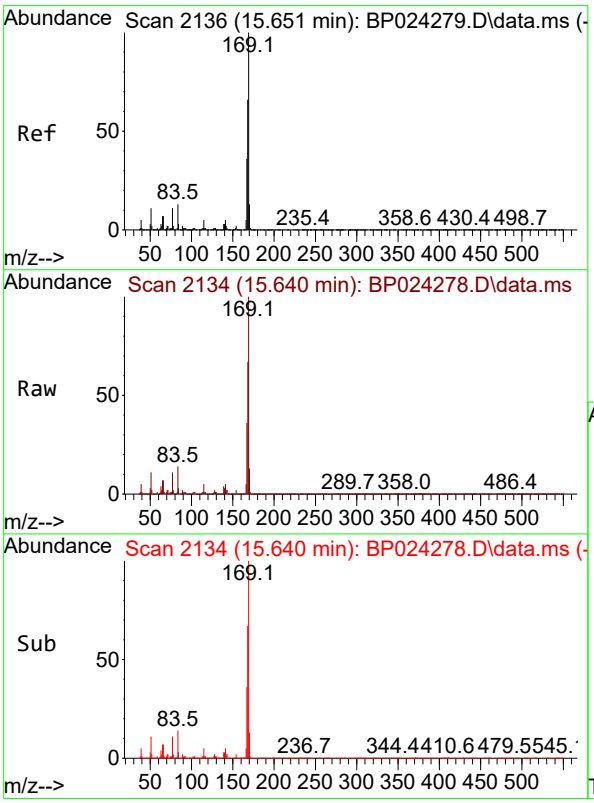
#65
4,6-Dinitro-2-methylphenol
Concen: 20.176 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 162501

Ion	Ratio	Lower	Upper
198	100		
51	38.2	18.4	58.4
105	43.8	26.5	66.5

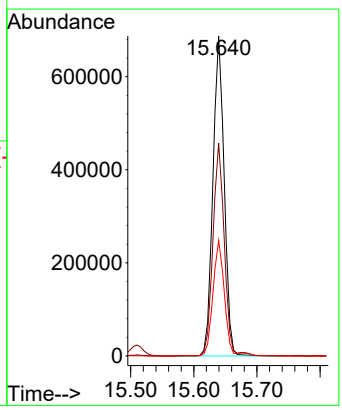


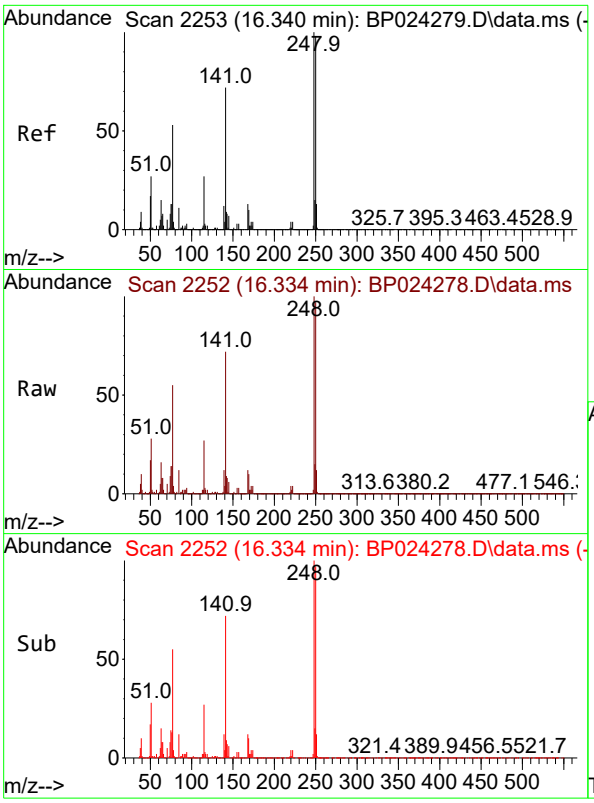


#66
n-Nitrosodiphenylamine
Concen: 20.552 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:169 Resp: 849476

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.4
167	36.1	28.9	43.3



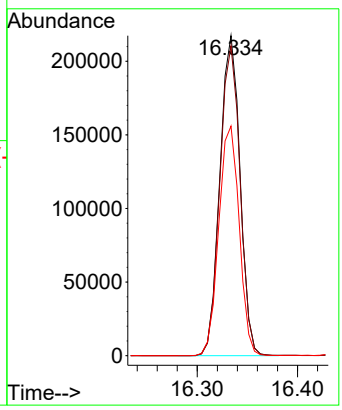


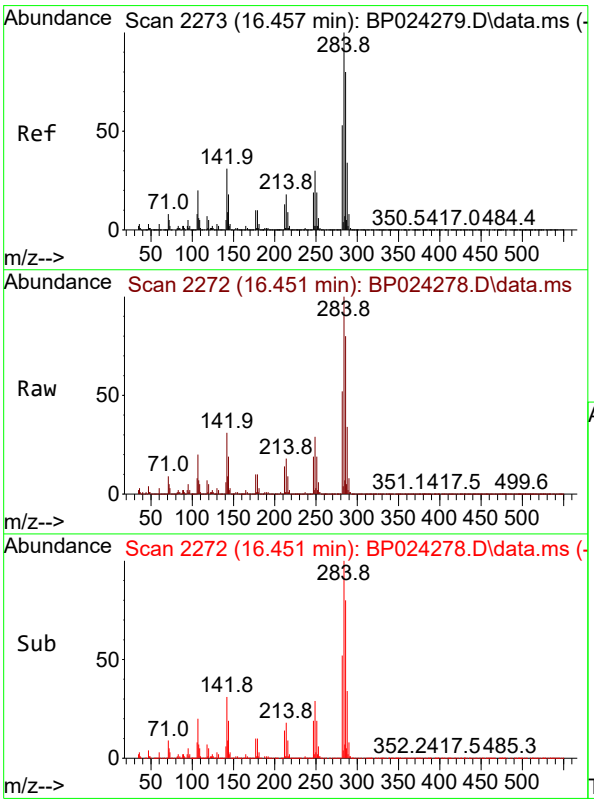
#67
4-Bromophenyl-phenylether
Concen: 20.125 ng
RT: 16.334 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 302601

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.2	117.4
141	71.8	57.7	86.5

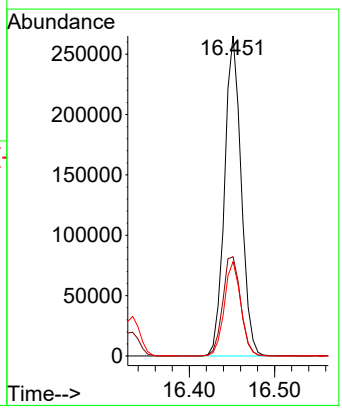


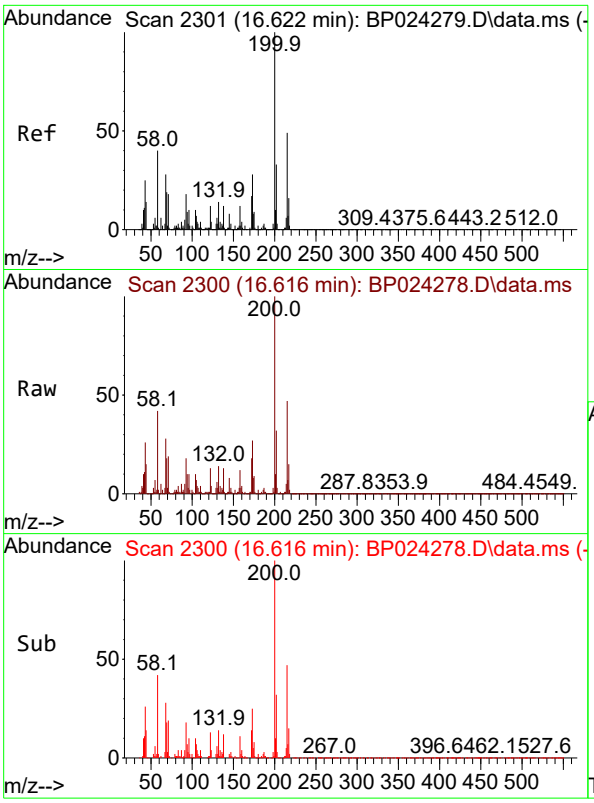


#68
Hexachlorobenzene
Concen: 20.077 ng
RT: 16.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:284 Resp: 358889

Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.6	37.0
249	29.5	23.8	35.6



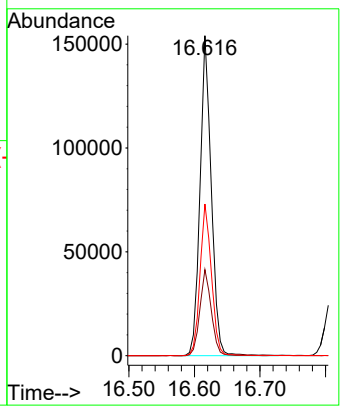


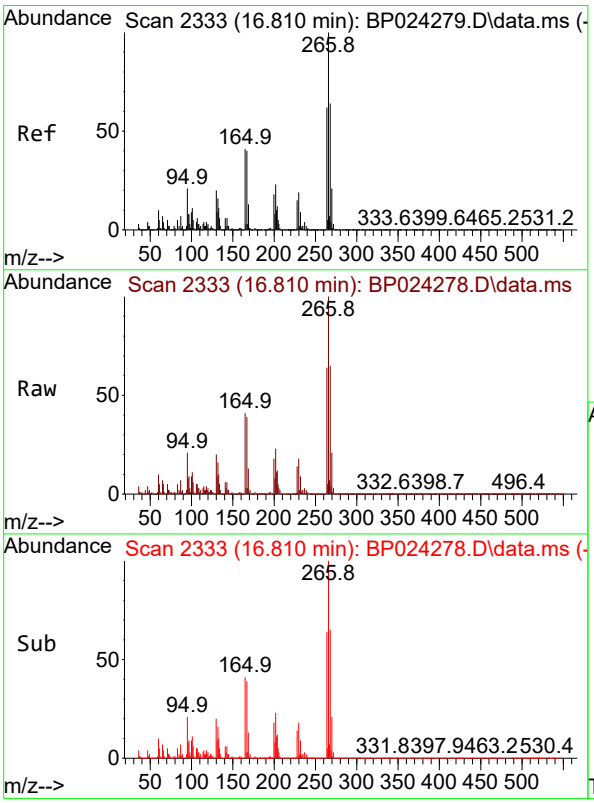
#69
Atrazine
Concen: 17.573 ng
RT: 16.616 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 184151

Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.5	47.5
215	47.4	28.8	68.8

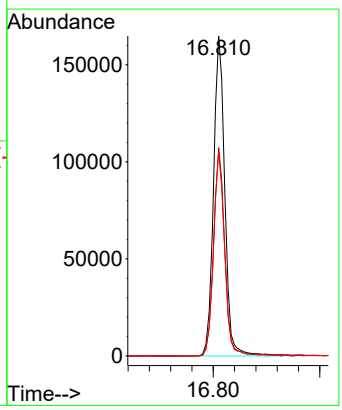


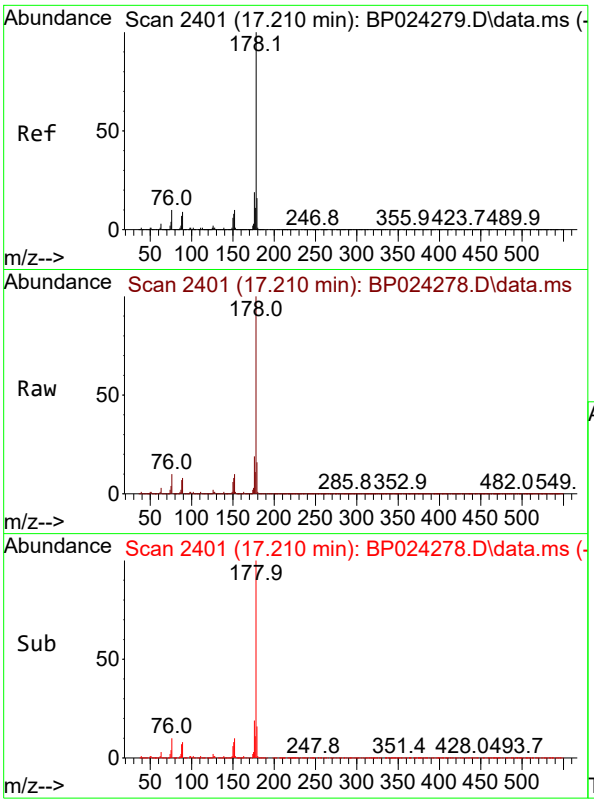


#70
Pentachlorophenol
Concen: 19.702 ng
RT: 16.810 min Scan# 2333
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:266 Resp: 241815

Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.0	76.6
264	63.6	49.8	74.6



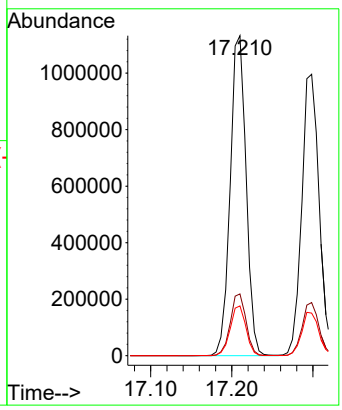


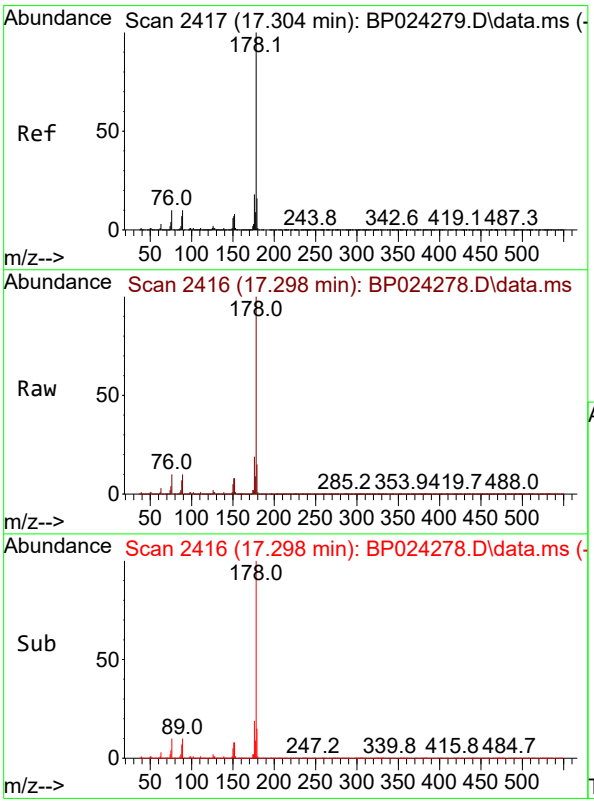
#71
Phenanthrene
Concen: 20.378 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 1540112

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.6	12.5	18.7

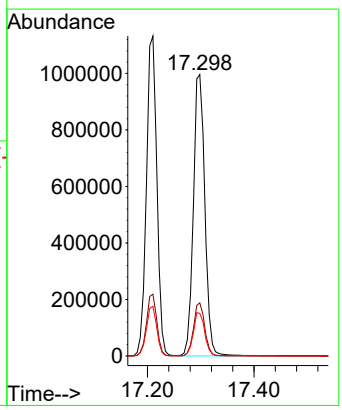


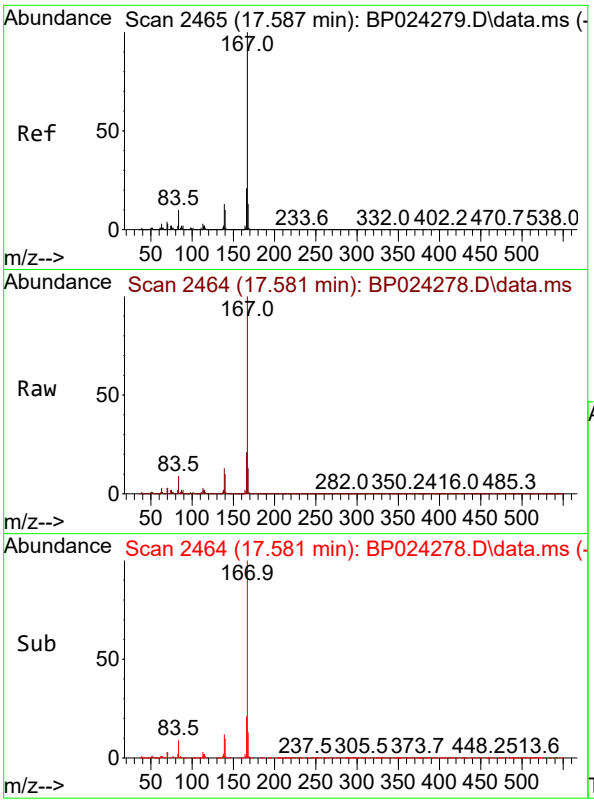


#72
Anthracene
Concen: 20.543 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:178 Resp: 1494006

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.1	12.4	18.6



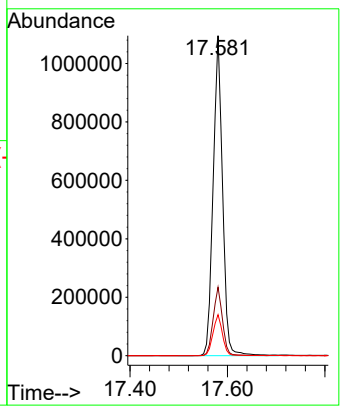


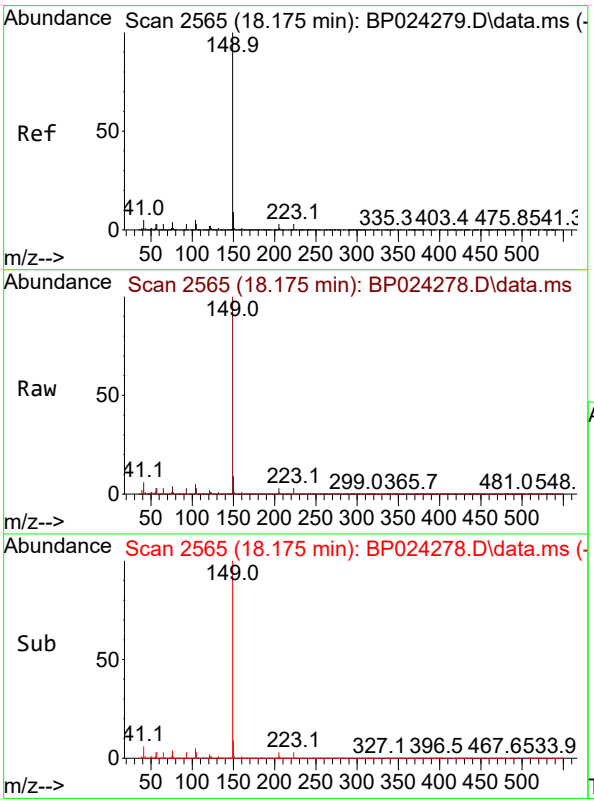
#73
Carbazole
Concen: 20.653 ng
RT: 17.581 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 1461729

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.8	10.6	16.0

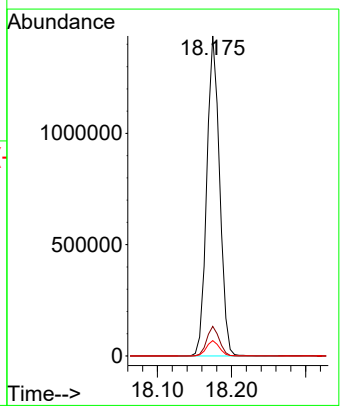


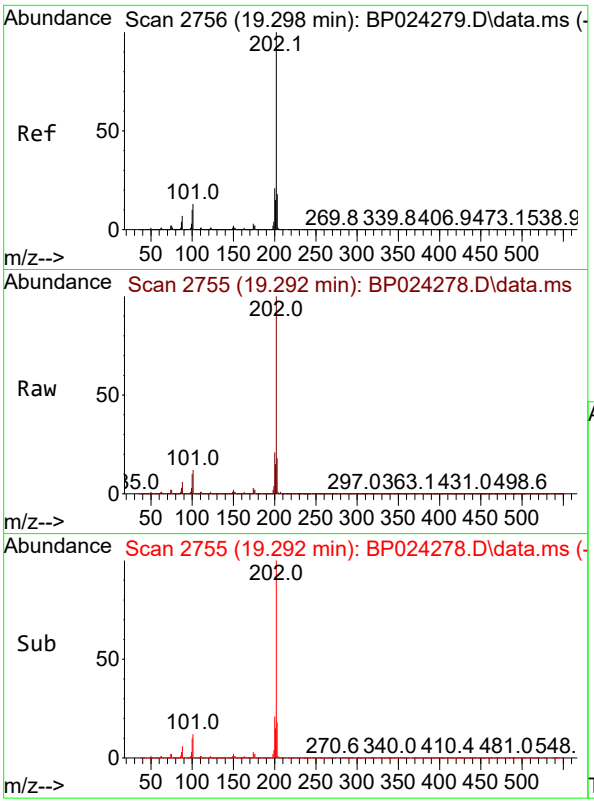


#74
Di-n-butylphthalate
Concen: 19.585 ng
RT: 18.175 min Scan# 2565
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:149 Resp: 1727074

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.8	3.9	5.9



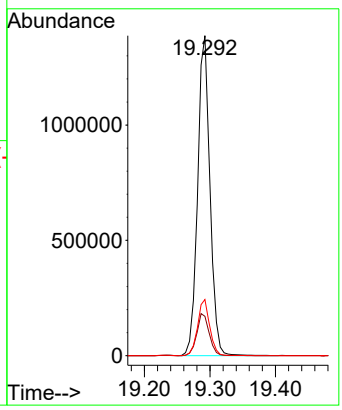


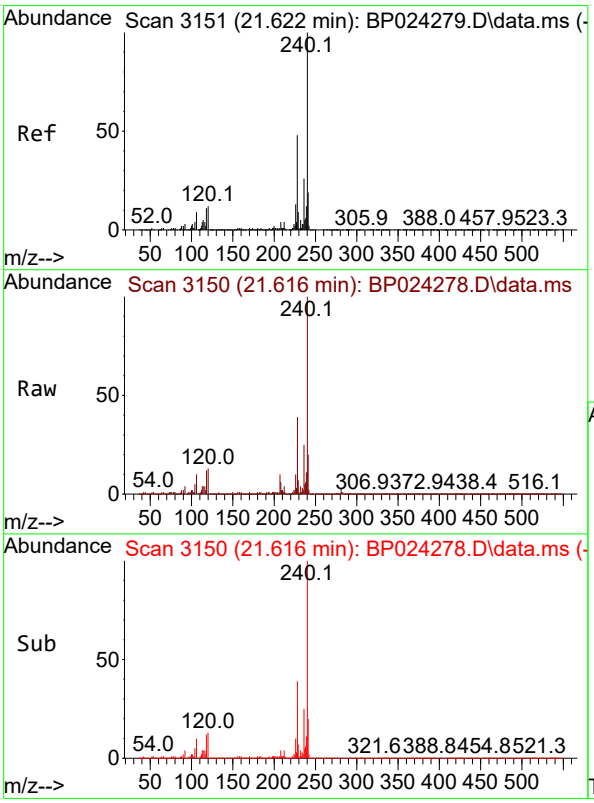
#75
Fluoranthene
Concen: 20.218 ng
RT: 19.292 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 1813662

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.6	0.0	37.7

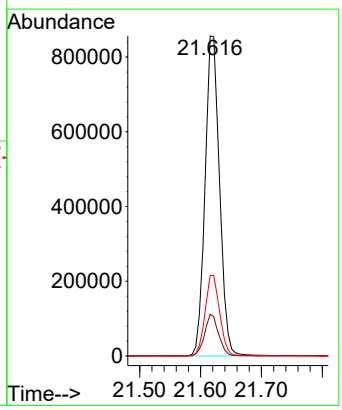


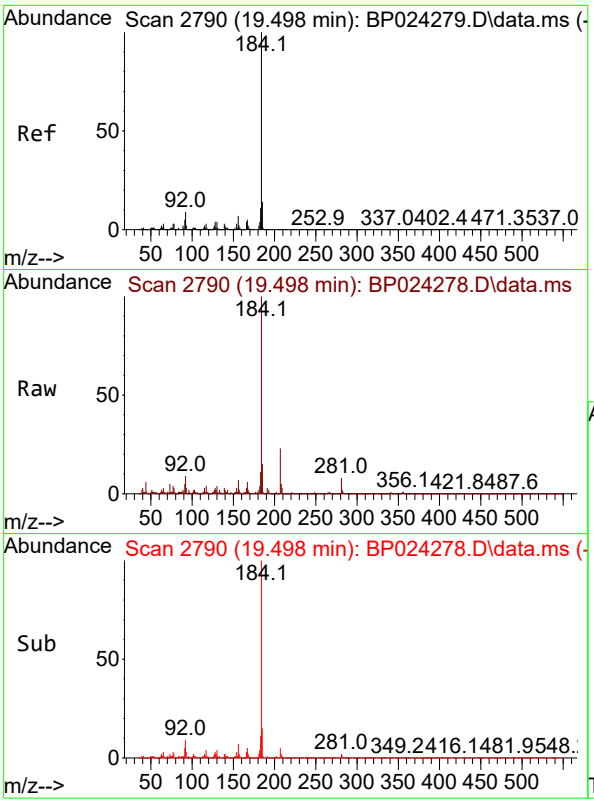


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:240 Resp: 1415765

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.8	14.8
236	25.2	20.9	31.3



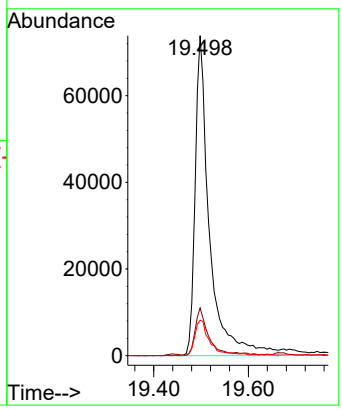


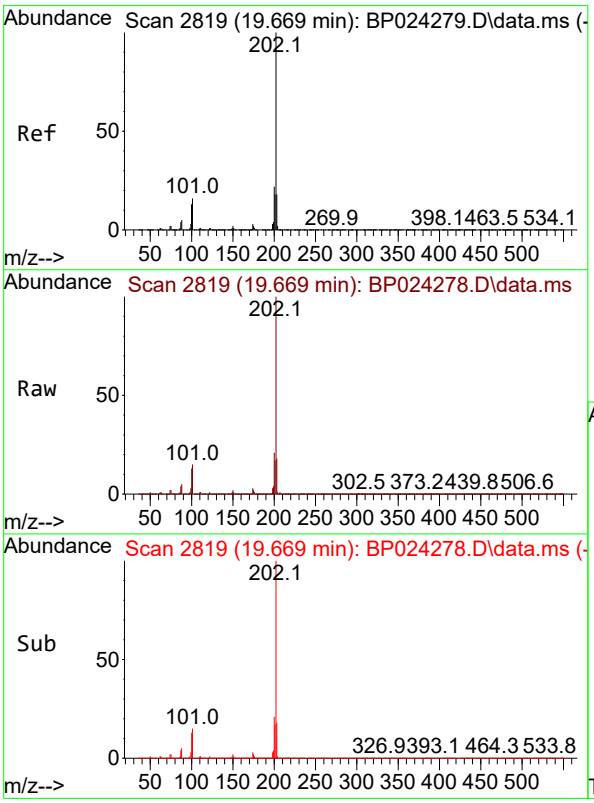
#77
Benzidine
Concen: 8.867 ng
RT: 19.498 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 154964

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.6	17.4
183	11.1	9.2	13.8

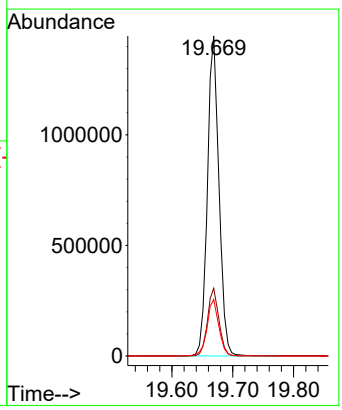


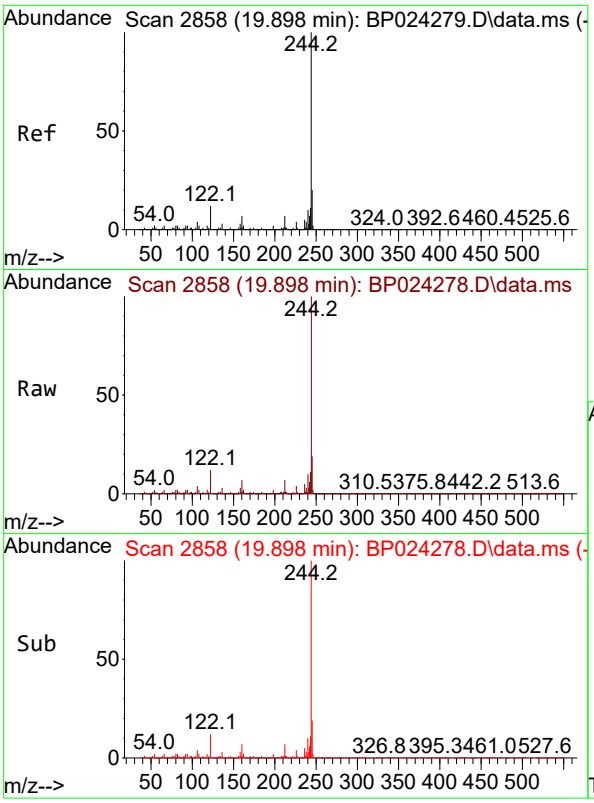


#78
Pyrene
Concen: 21.028 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:202 Resp: 1904884

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.6	14.4	21.6



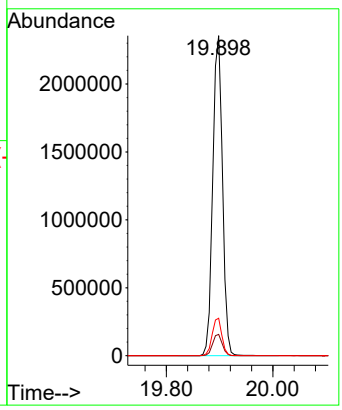


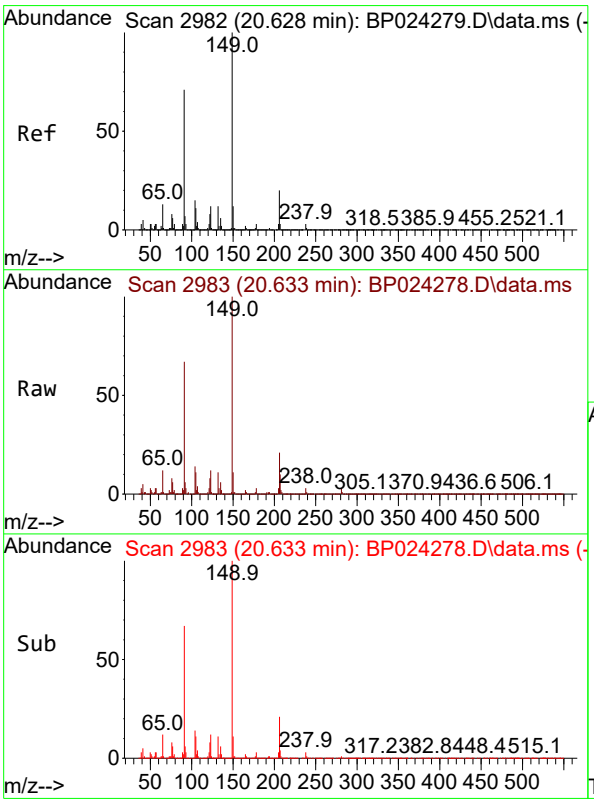
#79
Terphenyl-d14
Concen: 42.062 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 2987245

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.7	9.4	14.0

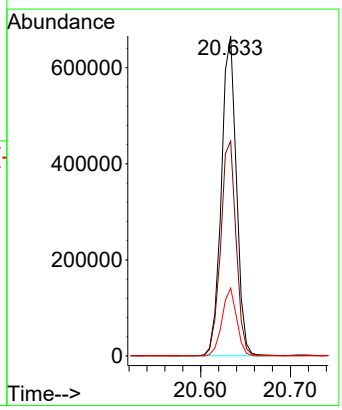


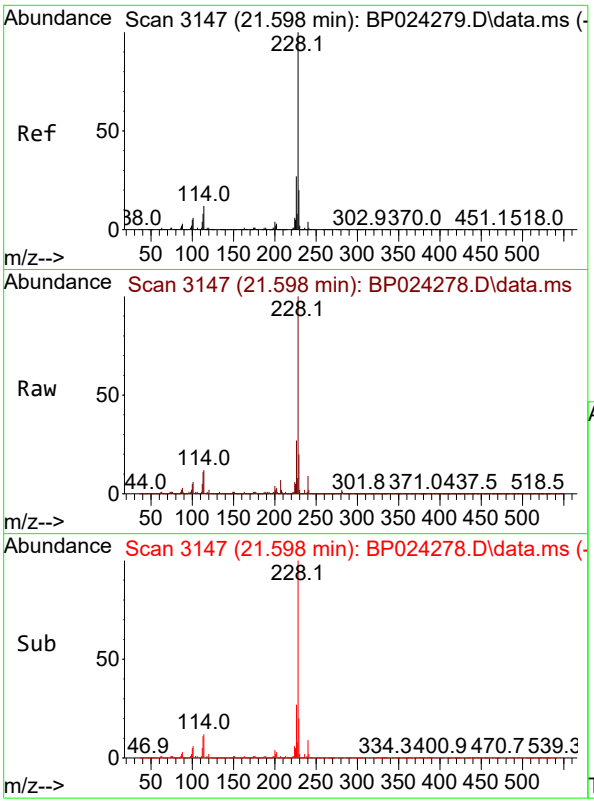


#80
Butylbenzylphthalate
Concen: 20.235 ng
RT: 20.633 min Scan# 2983
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:149 Resp: 772776

Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.4	84.6
206	21.2	16.3	24.5



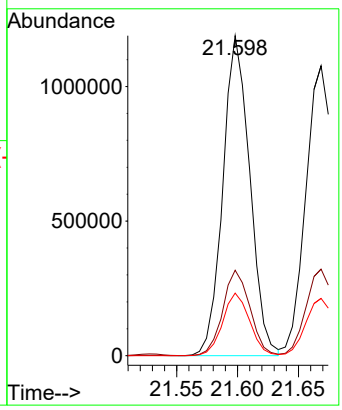


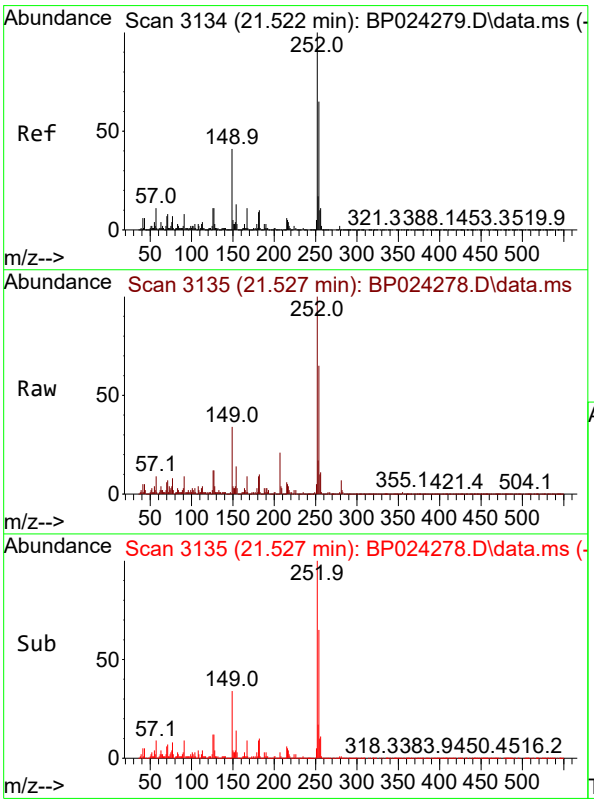
#81
Benzo(a)anthracene
Concen: 20.732 ng
RT: 21.598 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 1829798

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.8
229	19.6	15.9	23.9

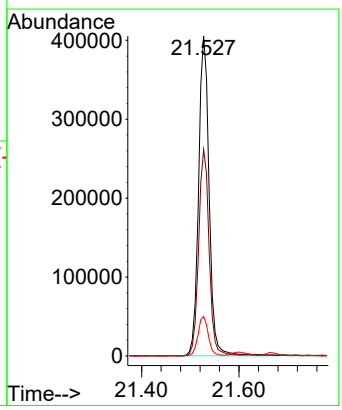


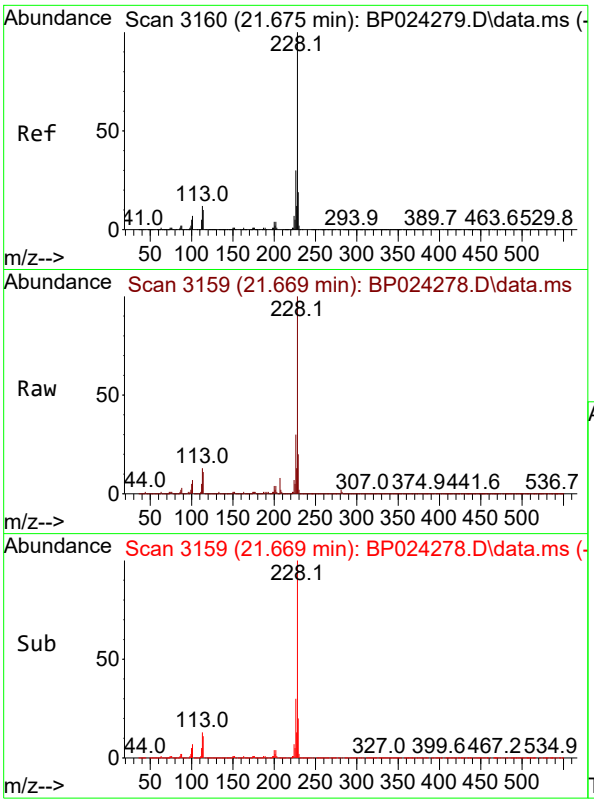


#82
3,3'-Dichlorobenzidine
Concen: 19.956 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:252 Resp: 610749

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.7	77.5
126	12.4	8.8	13.2



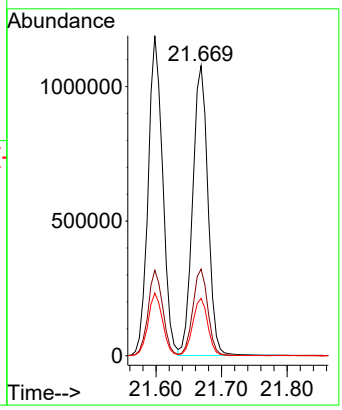


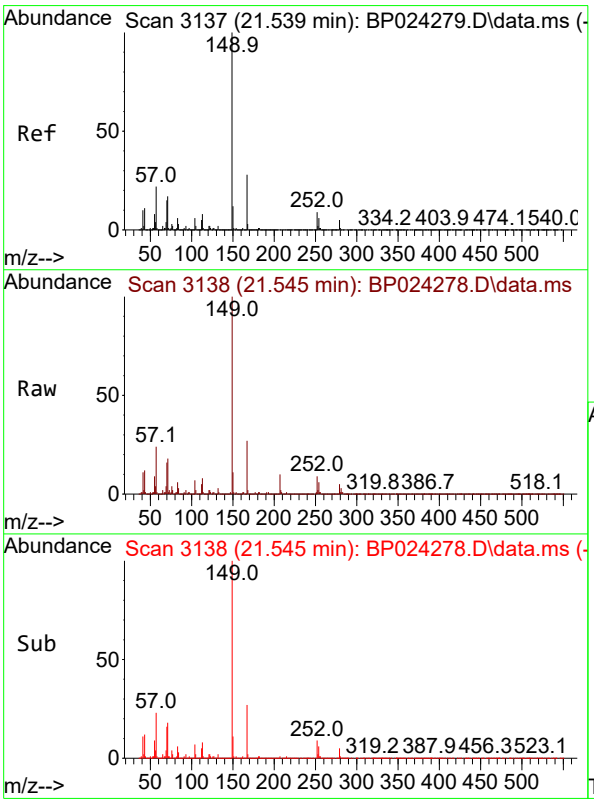
#83
Chrysene
Concen: 20.565 ng
RT: 21.669 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 1739548

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.8	15.6	23.4

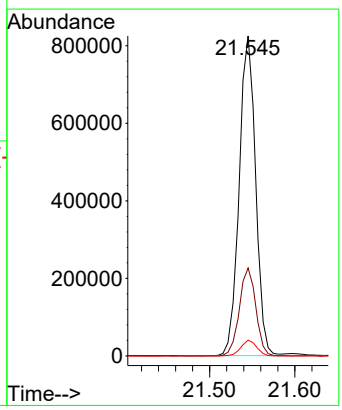


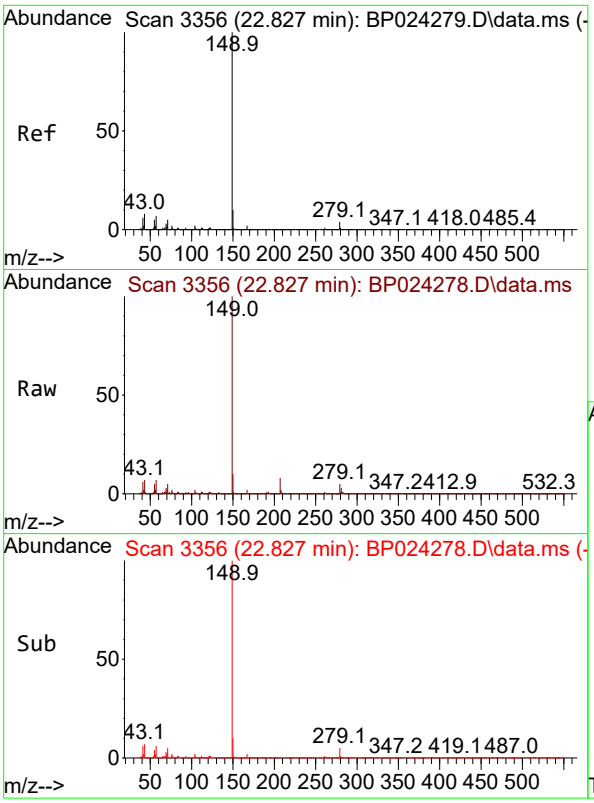


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.616 ng
RT: 21.545 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:149 Resp: 1103263

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.4	33.6
279	4.9	4.0	6.0



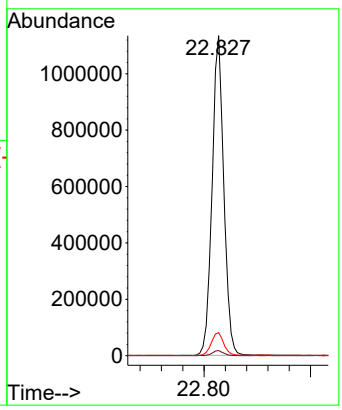


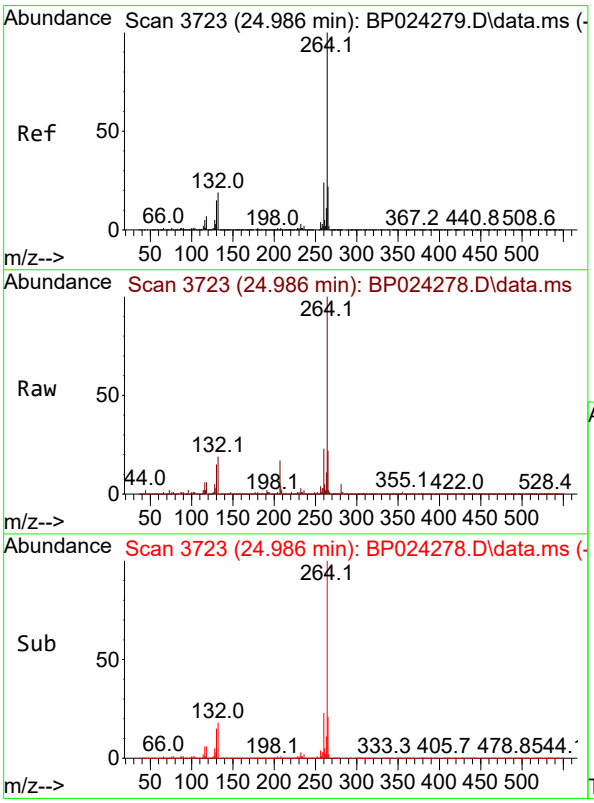
#85
Di-n-octyl phthalate
Concen: 19.207 ng
RT: 22.827 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 1730436

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.7	6.0	9.0

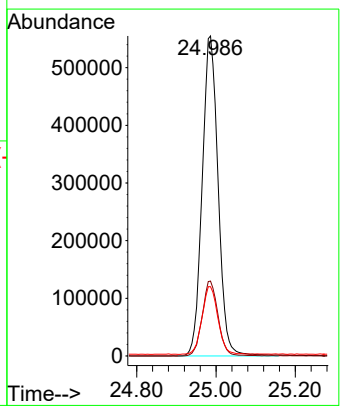


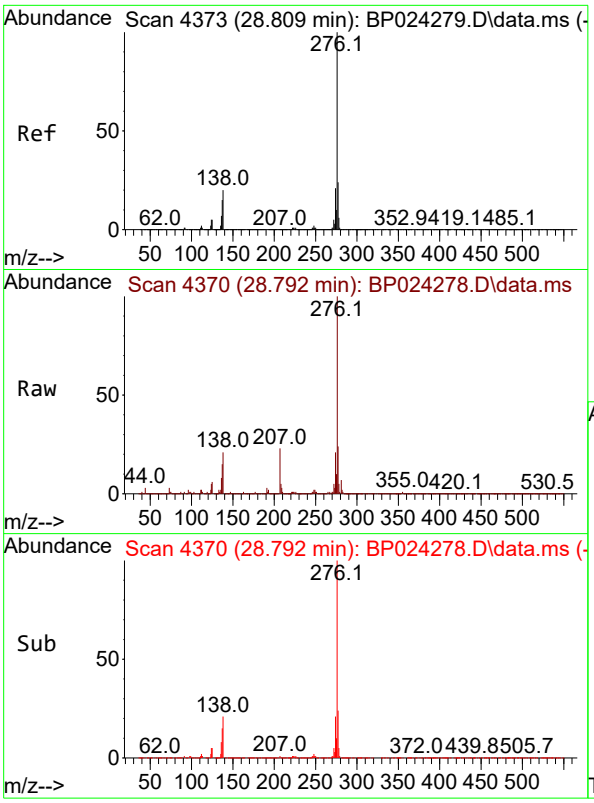


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3723
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:264 Resp: 1549781

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.7	17.8	26.6



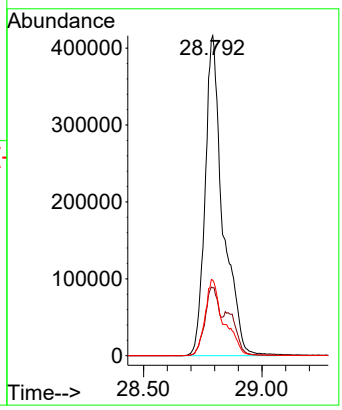


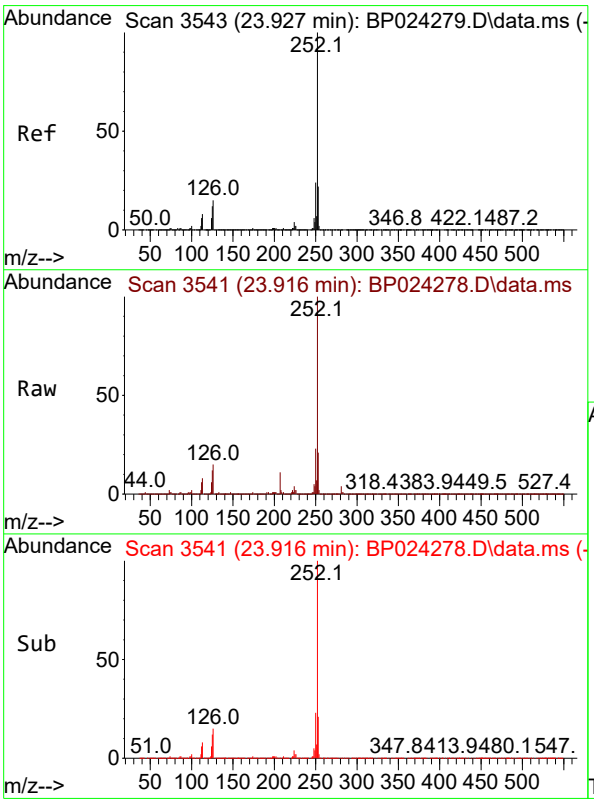
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.454 ng
RT: 28.792 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 2180177

Ion	Ratio	Lower	Upper
276	100		
138	16.7	14.5	21.7
277	25.2	20.2	30.2

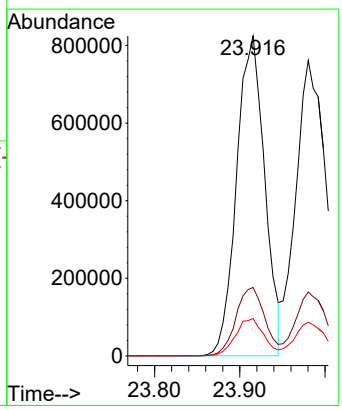


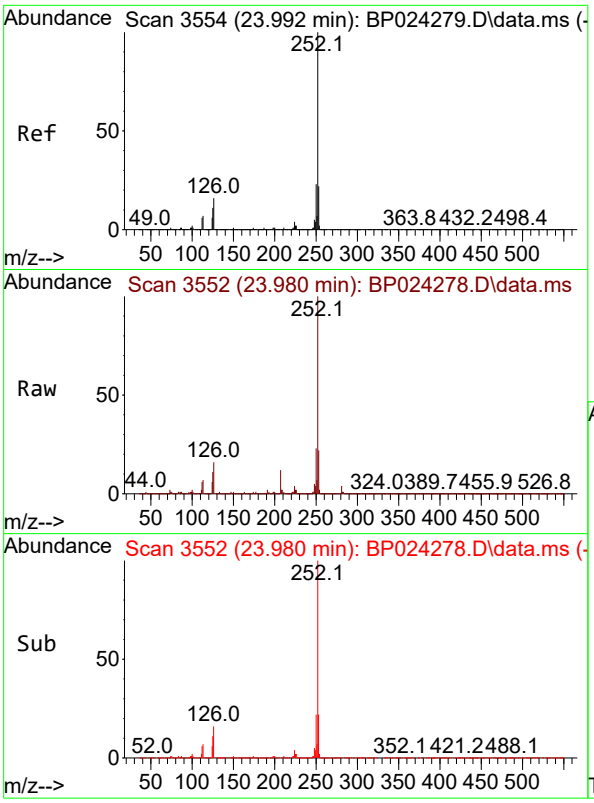


#88
Benzo(b)fluoranthene
Concen: 20.337 ng
RT: 23.916 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:252 Resp: 1885654

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	11.7	9.4	14.0



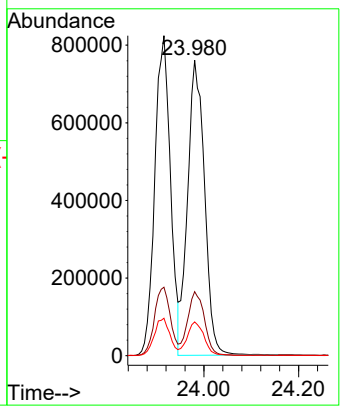


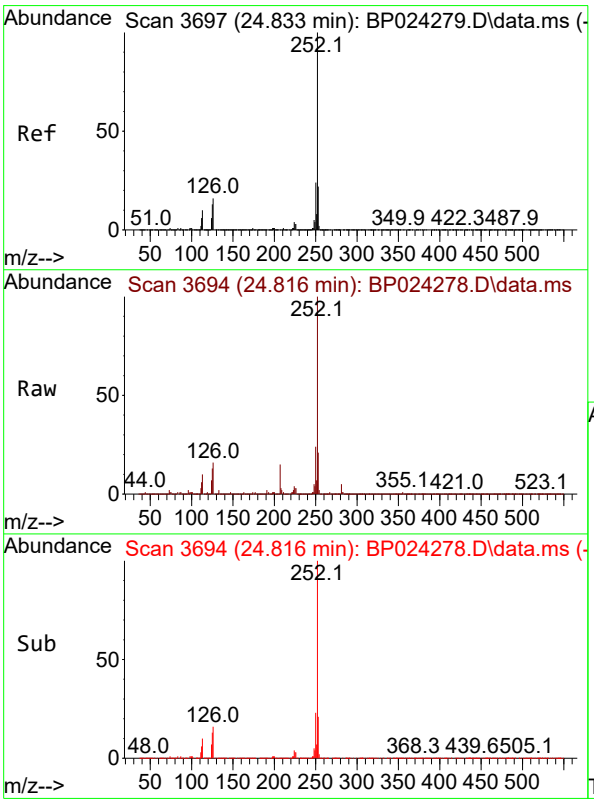
#89
Benzo(k)fluoranthene
Concen: 20.955 ng
RT: 23.980 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 1885747

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.4	9.1	13.7

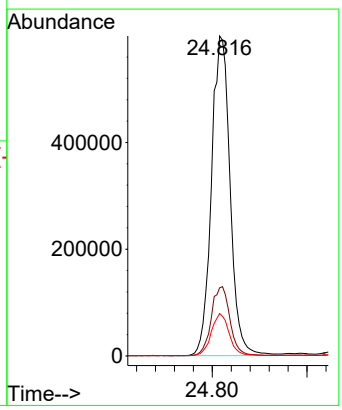


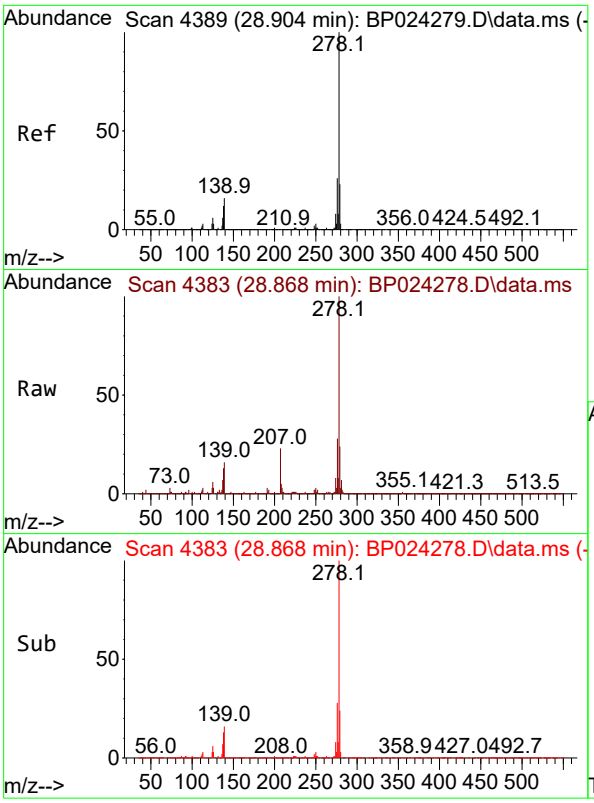


#90
Benzo(a)pyrene
Concen: 20.518 ng
RT: 24.816 min Scan# 3694
Delta R.T. -0.018 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:252 Resp: 1637648

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	13.2	10.1	15.1



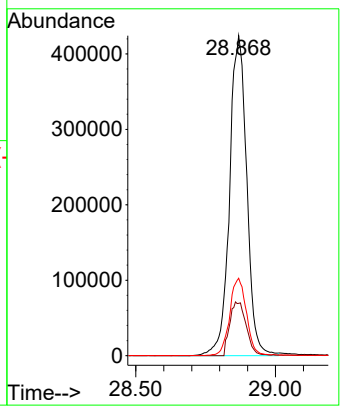


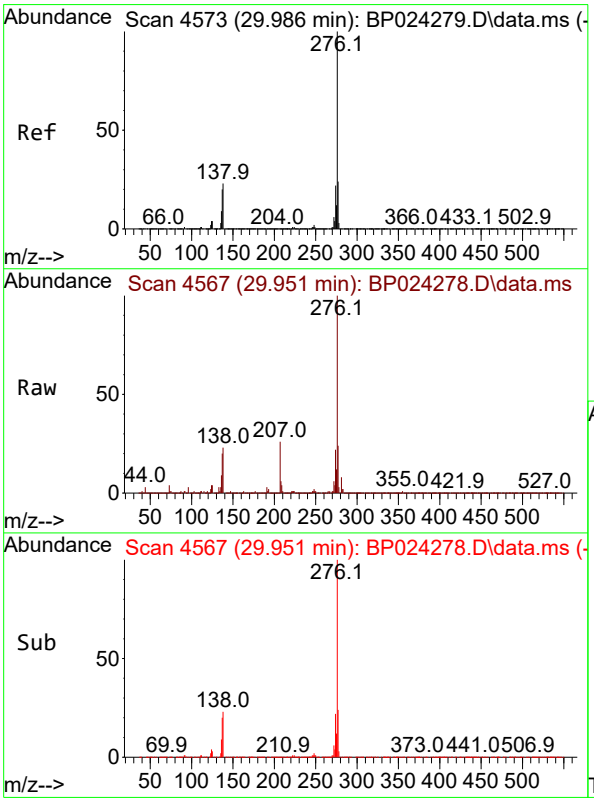
#91
Dibenzo(a,h)anthracene
Concen: 20.480 ng
RT: 28.868 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 1815743

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	19.0
279	24.2	18.5	27.7

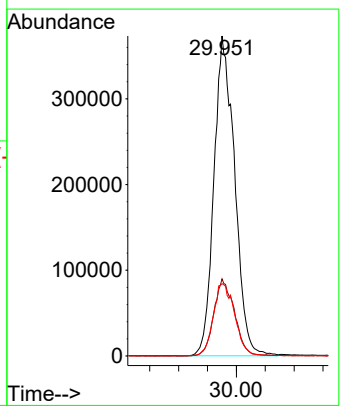




#92
Benzo(g,h,i)perylene
Concen: 20.571 ng
RT: 29.951 min Scan# 4567
Delta R.T. -0.035 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:276 Resp: 1856380

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	22.6	18.7	28.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024279.D
Acq On : 14 Apr 2025 13:49
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Apr 14 17:26:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	246363	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1046876	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	657357	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1277198	20.000	ng	0.00
76) Chrysene-d12	21.622	240	1349860	20.000	ng	0.00
86) Perylene-d12	24.986	264	1485135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1236220	82.813	ng	0.00
7) Phenol-d6	6.916	99	1722202	84.332	ng	0.00
23) Nitrobenzene-d5	8.875	82	1540790	83.791	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	759528	84.379	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	3591010	82.939	ng	0.00
79) Terphenyl-d14	19.898	244	5570563	82.266	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	252519	39.624	ng	100
3) Pyridine	3.693	79	687730	41.457	ng	100
4) n-Nitrosodimethylamine	3.599	42	225273	40.725	ng	100
6) Aniline	7.069	93	781907	42.413	ng	100
8) 2-Chlorophenol	7.305	128	689257	41.317	ng	100
9) Benzaldehyde	6.881	77	411846	38.937	ng	100
10) Phenol	6.940	94	862244	42.050	ng	100
11) bis(2-Chloroethyl)ether	7.164	93	688989	41.581	ng	100
12) 1,3-Dichlorobenzene	7.622	146	732329	40.516	ng	100
13) 1,4-Dichlorobenzene	7.763	146	736270	40.171	ng	100
14) 1,2-Dichlorobenzene	8.081	146	711951	40.172	ng	100
15) Benzyl Alcohol	7.969	79	570437	43.581	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.252	45	746041	41.386	ng	100
17) 2-Methylphenol	8.169	107	561621	42.503	ng	100
18) Hexachloroethane	8.799	117	266915	40.349	ng	100
19) n-Nitroso-di-n-propyla...	8.528	70	533912	42.092	ng	100
20) 3+4-Methylphenols	8.499	107	784336	42.854	ng	100
22) Acetophenone	8.546	105	1086788	41.770	ng	100
24) Nitrobenzene	8.922	77	762756	41.852	ng	100
25) Isophorone	9.440	82	1408146	42.419	ng	100
26) 2-Nitrophenol	9.628	139	383751	43.852	ng	100
27) 2,4-Dimethylphenol	9.687	122	472488	42.600	ng	100
28) bis(2-Chloroethoxy)met...	9.922	93	947250	41.926	ng	100
29) 2,4-Dichlorophenol	10.157	162	645849	42.725	ng	100
30) 1,2,4-Trichlorobenzene	10.369	180	671264	41.046	ng	100
31) Naphthalene	10.557	128	2258924	40.765	ng	100
32) Benzoic acid	9.828	122	506813	42.286	ng	100
33) 4-Chloroaniline	10.669	127	830870	42.913	ng	100
34) Hexachlorobutadiene	10.846	225	394737	41.146	ng	100
35) Caprolactam	11.452	113	234519	42.256	ng	100
36) 4-Chloro-3-methylphenol	11.793	107	747541	42.438	ng	100
37) 2-Methylnaphthalene	12.163	142	1580497	41.154	ng	100
38) 1-Methylnaphthalene	12.381	142	1530982	40.695	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	757748	41.945	ng	100
41) Hexachlorocyclopentadiene	12.522	237	286135	45.116	ng	100
43) 2,4,6-Trichlorophenol	12.781	196	511566	43.038	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024279.D
Acq On : 14 Apr 2025 13:49
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Apr 14 17:26:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	561631	42.637	ng	100
46) 1,1'-Biphenyl	13.187	154	2010029	41.404	ng	100
47) 2-Chloronaphthalene	13.228	162	1497152	41.328	ng	100
48) 2-Nitroaniline	13.434	65	434050	43.377	ng	100
49) Acenaphthylene	14.081	152	2384785	41.944	ng	100
50) Dimethylphthalate	13.822	163	1965142	40.976	ng	100
51) 2,6-Dinitrotoluene	13.934	165	427248	42.283	ng	100
52) Acenaphthene	14.434	154	1480526	40.947	ng	100
53) 3-Nitroaniline	14.269	138	465347	44.389	ng	100
54) 2,4-Dinitrophenol	14.481	184	244714	45.231	ng	100
55) Dibenzofuran	14.775	168	2409526	40.633	ng	100
56) 4-Nitrophenol	14.593	139	401591	44.564	ng	100
57) 2,4-Dinitrotoluene	14.734	165	588798	43.110	ng	100
58) Fluorene	15.434	166	1838264	40.150	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	511714	41.987	ng	100
60) Diethylphthalate	15.204	149	2037863	41.286	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	894350	40.226	ng	100
62) 4-Nitroaniline	15.457	138	485622	43.693	ng	100
63) Azobenzene	15.728	77	1881773	41.392	ng	100
65) 4,6-Dinitro-2-methylph...	15.510	198	335347	44.938	ng	100
66) n-Nitrosodiphenylamine	15.651	169	1609251	42.021	ng	100
67) 4-Bromophenyl-phenylether	16.340	248	587416	42.165	ng	100
68) Hexachlorobenzene	16.457	284	692546	41.815	ng	100
69) Atrazine	16.622	200	308618	31.786	ng	100
70) Pentachlorophenol	16.810	266	499858	43.955	ng	100
71) Phenanthrene	17.210	178	2879498	41.121	ng	100
72) Anthracene	17.304	178	2838724	42.130	ng	100
73) Carbazole	17.587	167	2770072	42.242	ng	100
74) Di-n-butylphthalate	18.175	149	3571220	43.708	ng	100
75) Fluoranthene	19.298	202	3441282	41.404	ng	100
77) Benzidine	19.498	184	1178258	70.714	ng	100
78) Pyrene	19.669	202	3523104	40.790	ng	100
80) Butylbenzylphthalate	20.628	149	1607881	44.158	ng	100
81) Benzo(a)anthracene	21.598	228	3489938	41.472	ng	100
82) 3,3'-Dichlorobenzidine	21.522	252	1311770	44.953	ng	100
83) Chrysene	21.675	228	3274153	40.596	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	2411998	44.979	ng	100
85) Di-n-octyl phthalate	22.827	149	3943939	45.913	ng	100
87) Indeno(1,2,3-cd)pyrene	28.809	276	4288630	41.987	ng	100
88) Benzo(b)fluoranthene	23.927	252	3737035	42.058	ng	100
89) Benzo(k)fluoranthene	23.992	252	3600626	41.753	ng	100
90) Benzo(a)pyrene	24.833	252	3240684	42.369	ng	100
91) Dibenzo(a,h)anthracene	28.904	278	3573562	42.061	ng	100
92) Benzo(g,h,i)perylene	29.986	276	3617069	41.826	ng	100

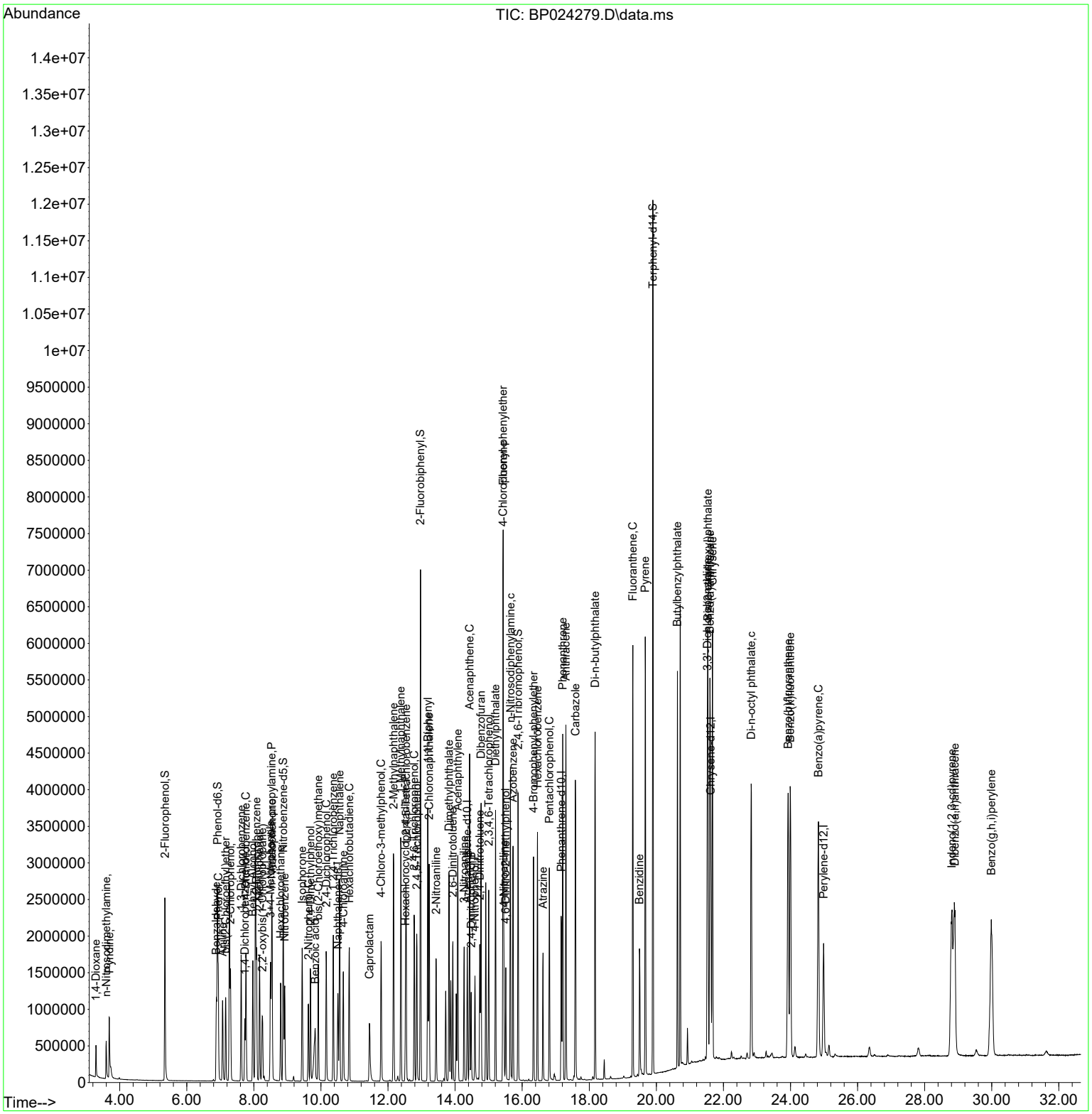
(#) = qualifier out of range (m) = manual integration (+) = signals summed

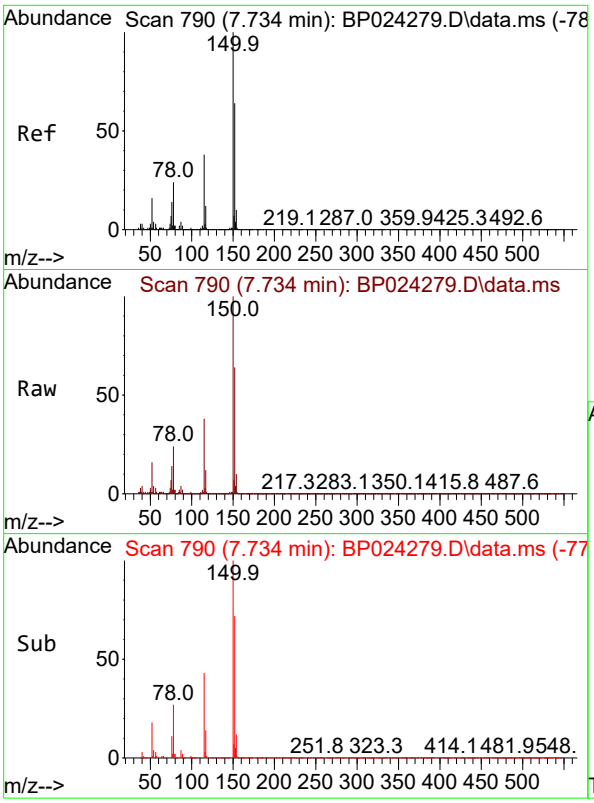
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024279.D
Acq On : 14 Apr 2025 13:49
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Apr 14 17:26:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



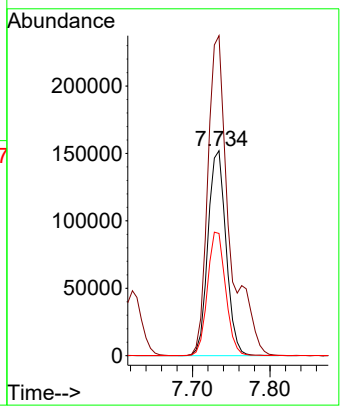


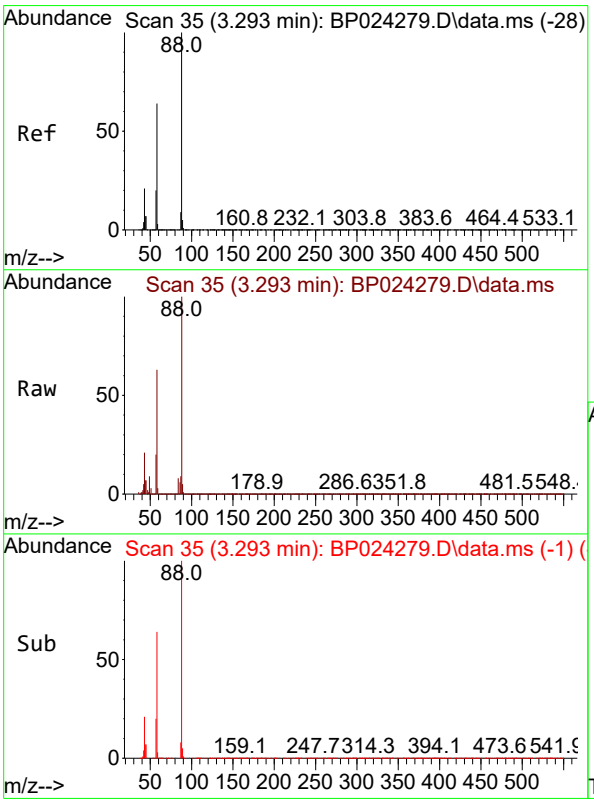
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 246363

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	59.6	47.7	71.5

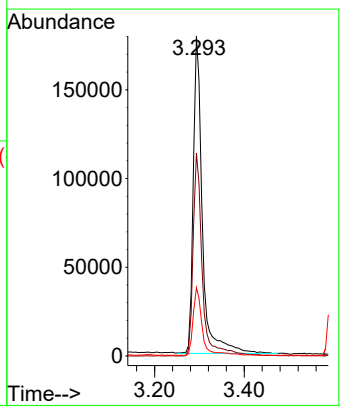


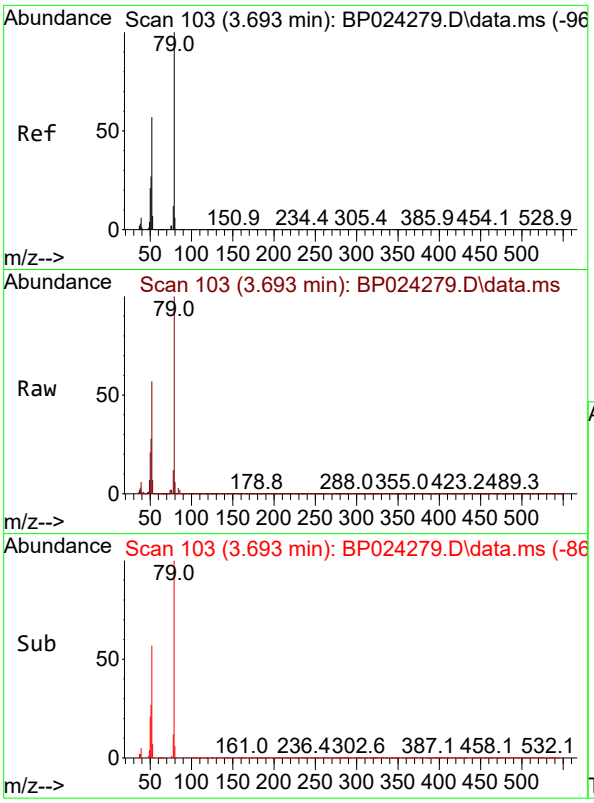


#2
1,4-Dioxane
Concen: 39.624 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 88 Resp: 252519

Ion	Ratio	Lower	Upper
88	100		
58	64.3	51.4	77.2
43	21.4	17.1	25.7



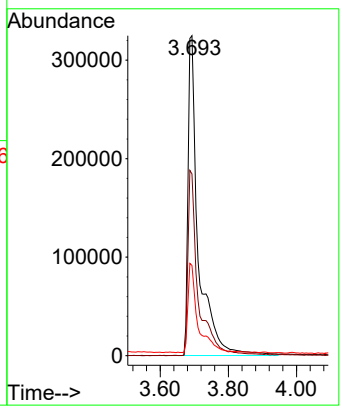


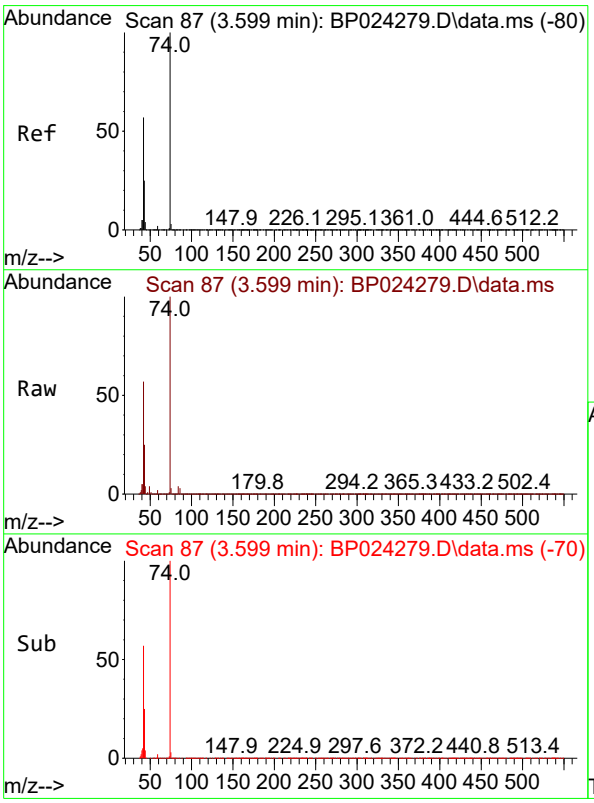
#3
Pyridine
Concen: 41.457 ng
RT: 3.693 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 687730

Ion	Ratio	Lower	Upper
79	100		
52	56.8	45.4	68.2
51	28.2	22.6	33.8

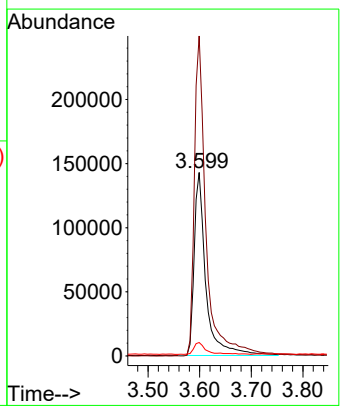


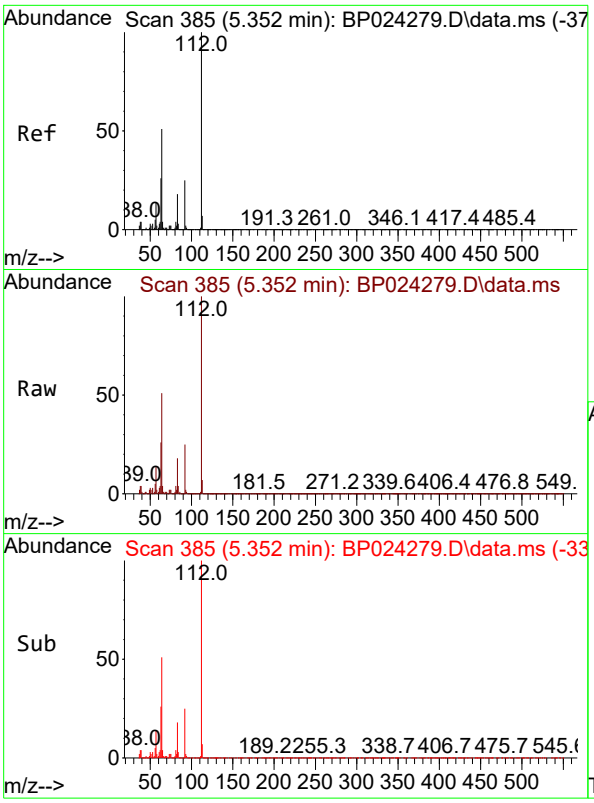


#4
n-Nitrosodimethylamine
Concen: 40.725 ng
RT: 3.599 min Scan# 87
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 42 Resp: 225273

Ion	Ratio	Lower	Upper
42	100		
74	174.4	139.5	209.3
44	7.3	5.8	8.8



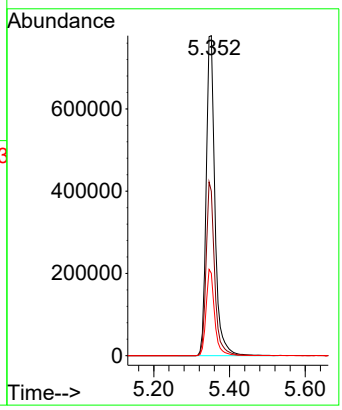


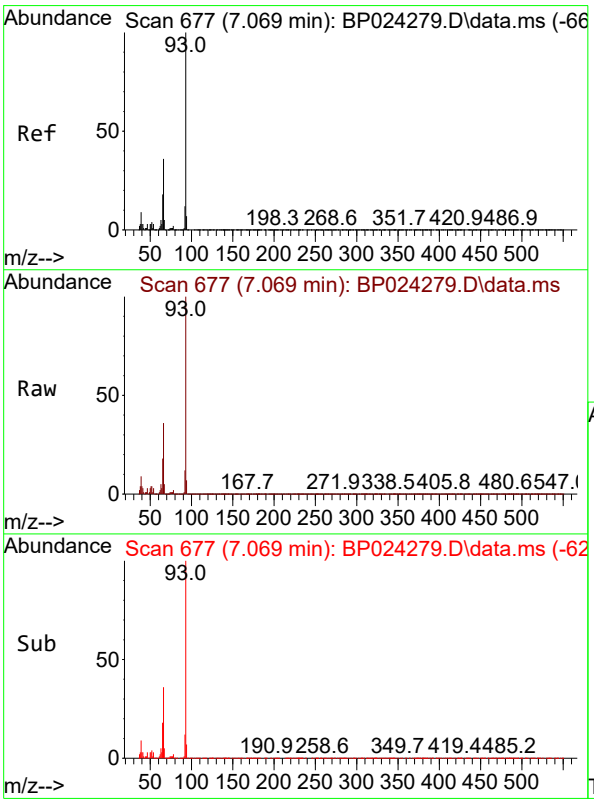
#5
2-Fluorophenol
Concen: 82.813 ng
RT: 5.352 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1236220

Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.1	61.7
63	25.7	20.6	30.8

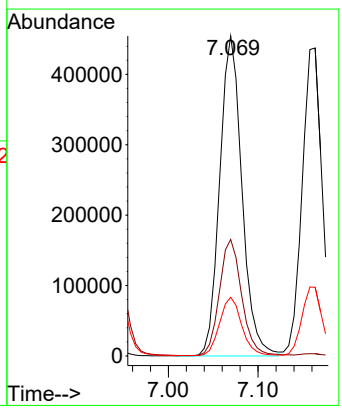


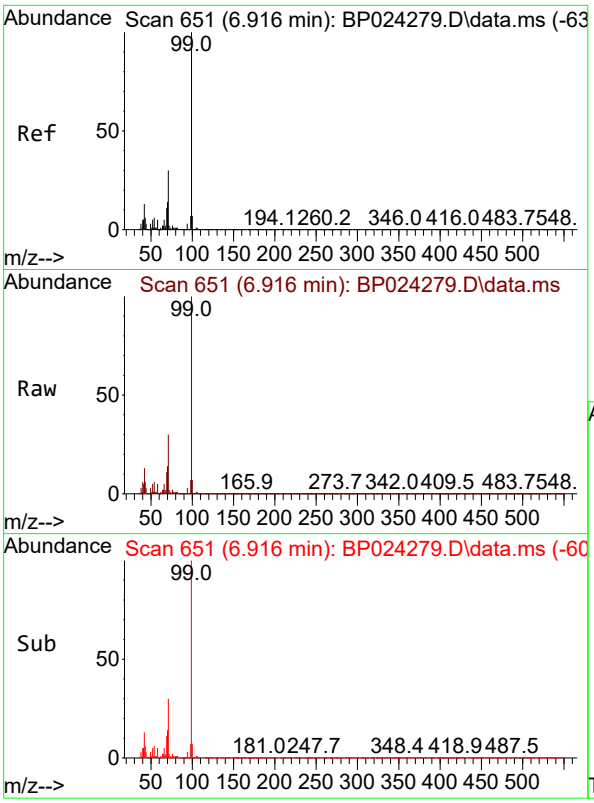


#6
Aniline
Concen: 42.413 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 93 Resp: 781907

Ion	Ratio	Lower	Upper
93	100		
66	36.4	29.1	43.7
65	18.4	14.7	22.1



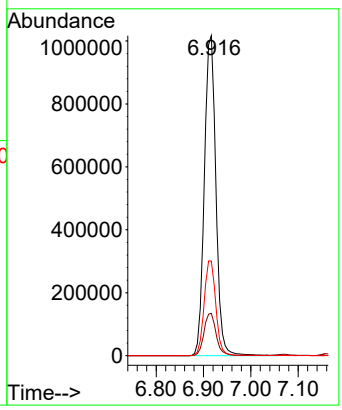


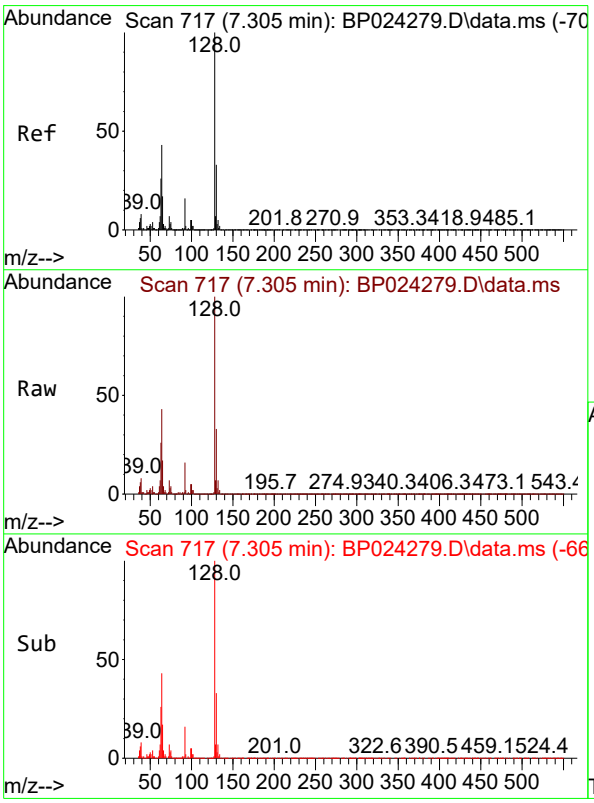
#7
Phenol-d6
Concen: 84.332 ng
RT: 6.916 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1722202

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	29.6	23.7	35.5

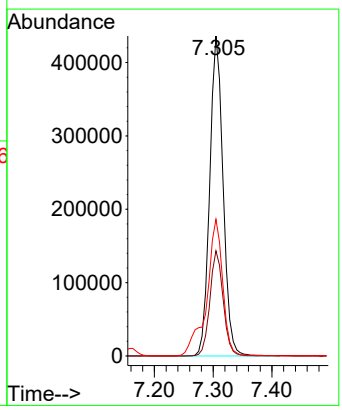


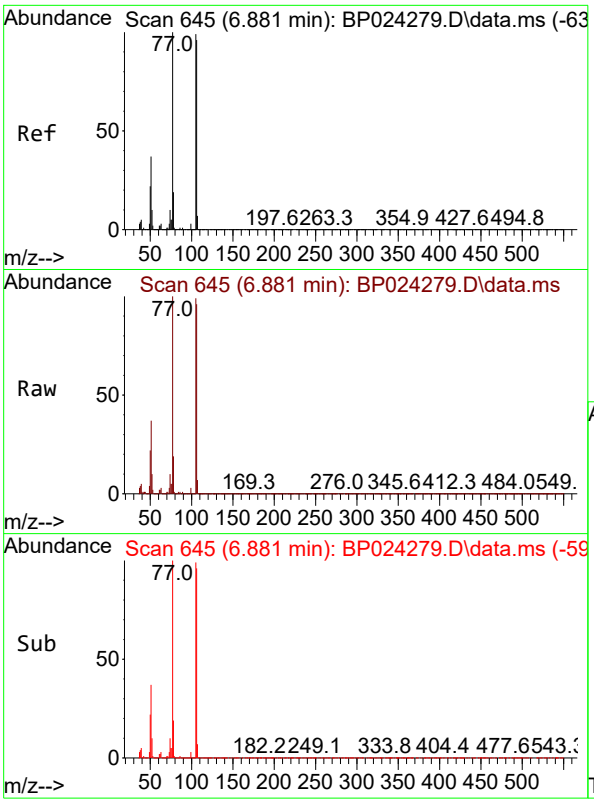


#8
2-Chlorophenol
Concen: 41.317 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:128 Resp: 689257

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	42.7	22.7	62.7



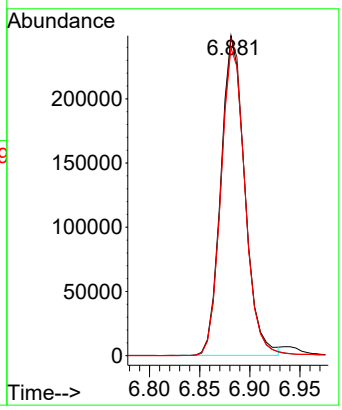


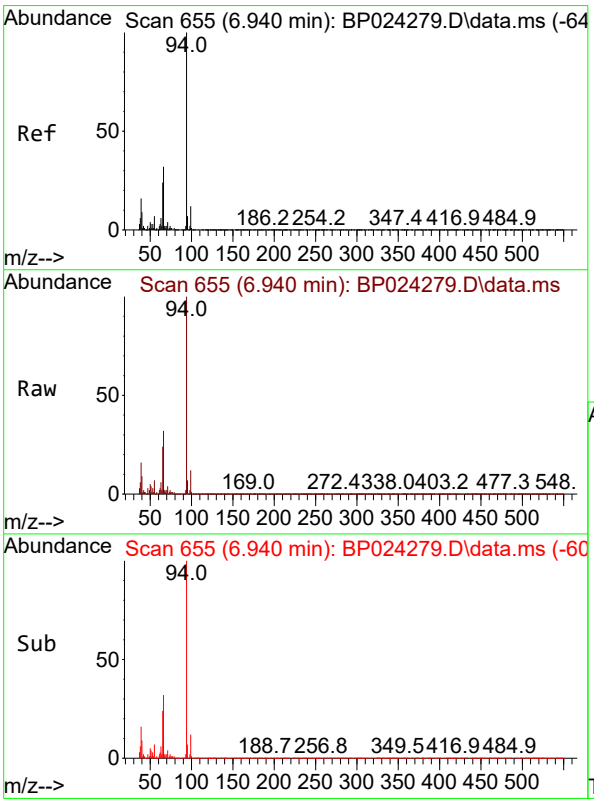
#9
Benzaldehyde
Concen: 38.937 ng
RT: 6.881 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 411846

Ion	Ratio	Lower	Upper
77	100		
105	99.2	79.2	119.2
106	96.2	76.2	116.2

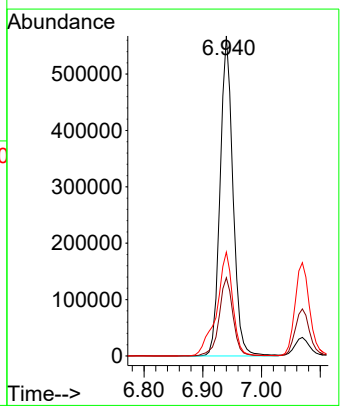


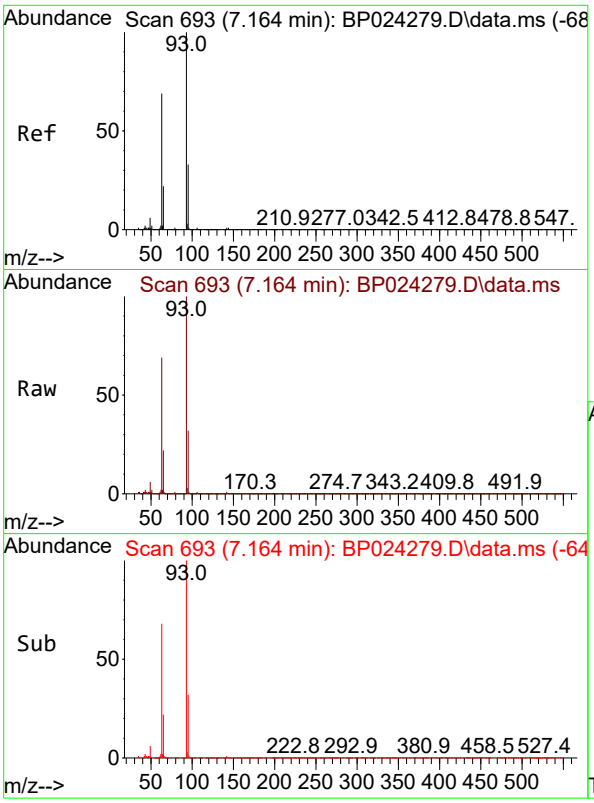


#10
Phenol
Concen: 42.050 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 94 Resp: 862244

Ion	Ratio	Lower	Upper
94	100		
65	24.5	4.5	44.5
66	32.4	12.4	52.4



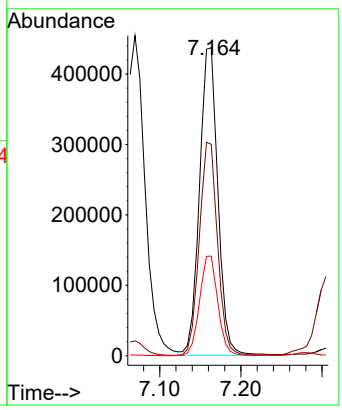


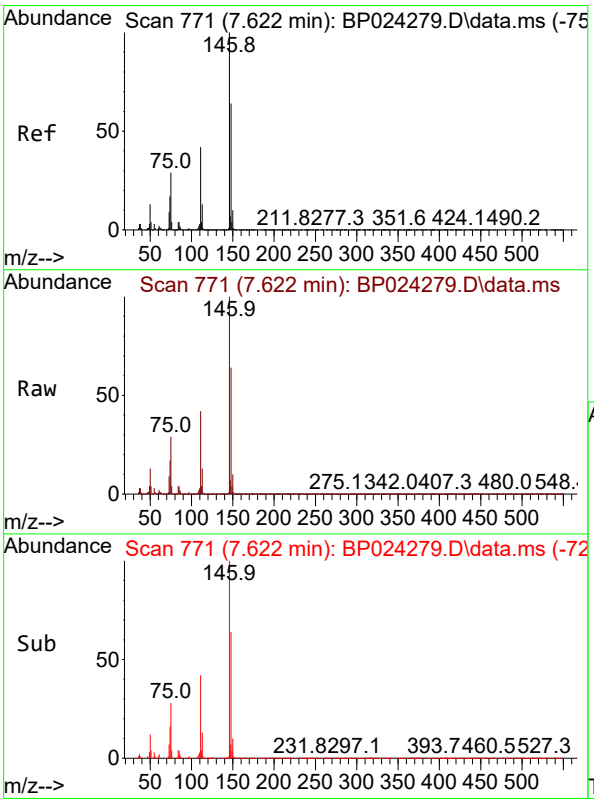
#11
bis(2-Chloroethyl)ether
Concen: 41.581 ng
RT: 7.164 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 688989

Ion	Ratio	Lower	Upper
93	100		
63	68.6	48.6	88.6
95	32.3	12.3	52.3

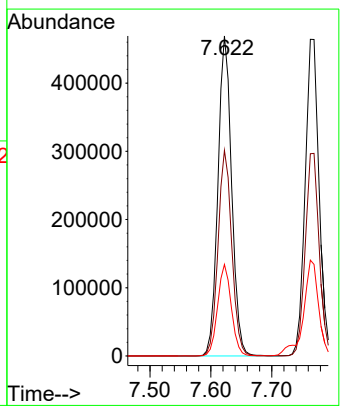


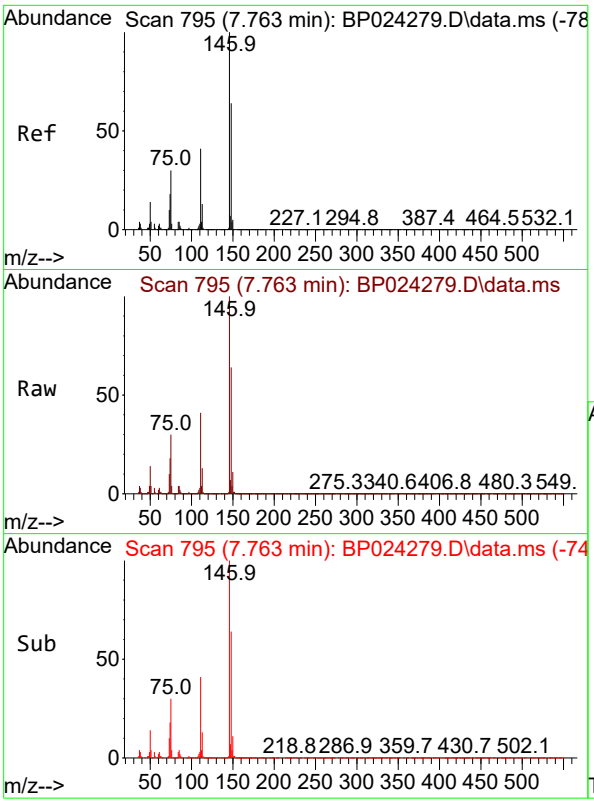


#12
1,3-Dichlorobenzene
Concen: 40.516 ng
RT: 7.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:146 Resp: 732329

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	28.6	22.9	34.3



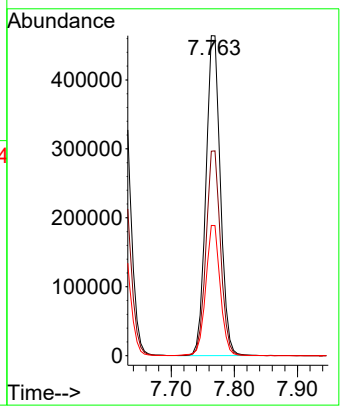


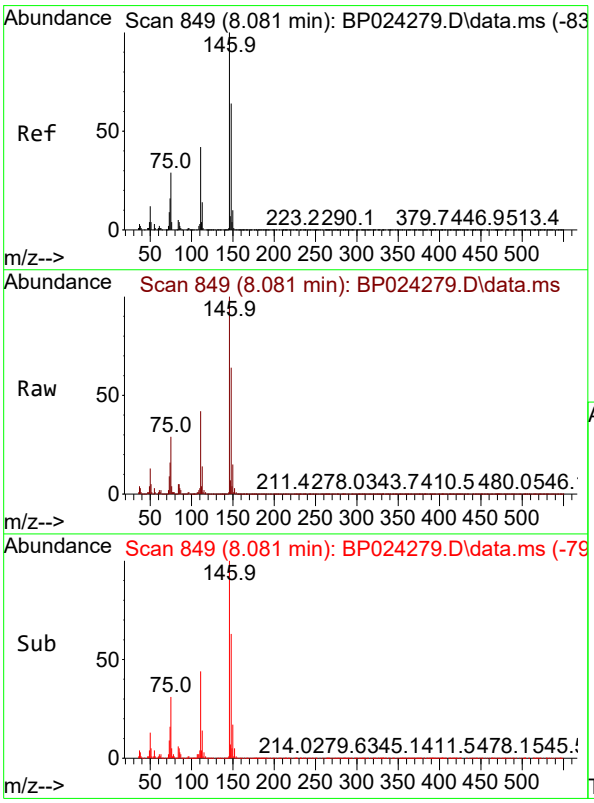
#13
1,4-Dichlorobenzene
Concen: 40.171 ng
RT: 7.763 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 736270

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	40.7	32.6	48.8

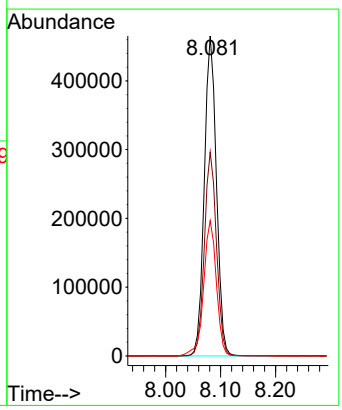


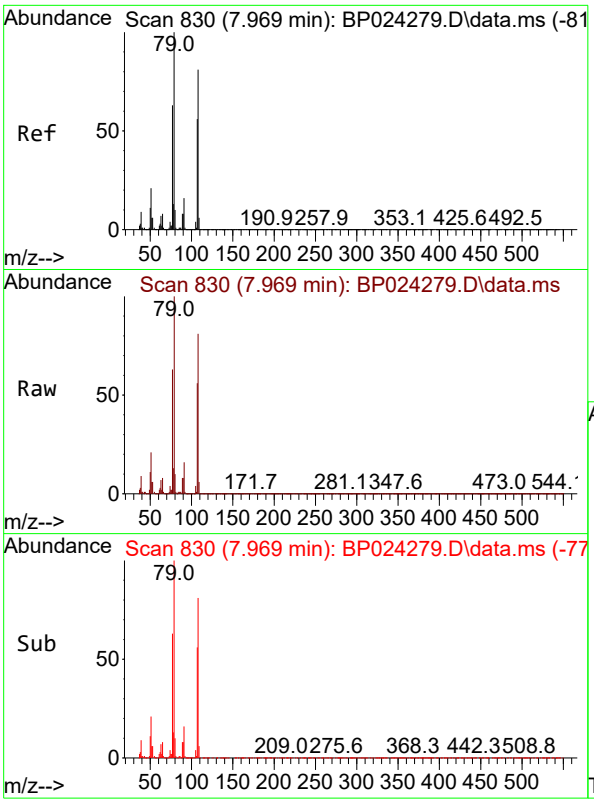


#14
1,2-Dichlorobenzene
Concen: 40.172 ng
RT: 8.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:146 Resp: 711951

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	42.3	33.8	50.8



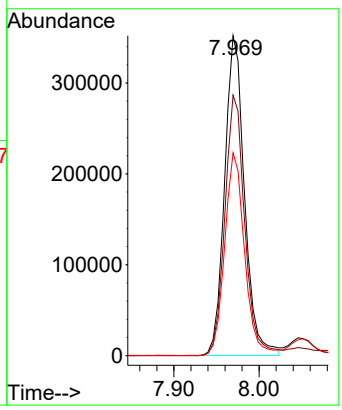


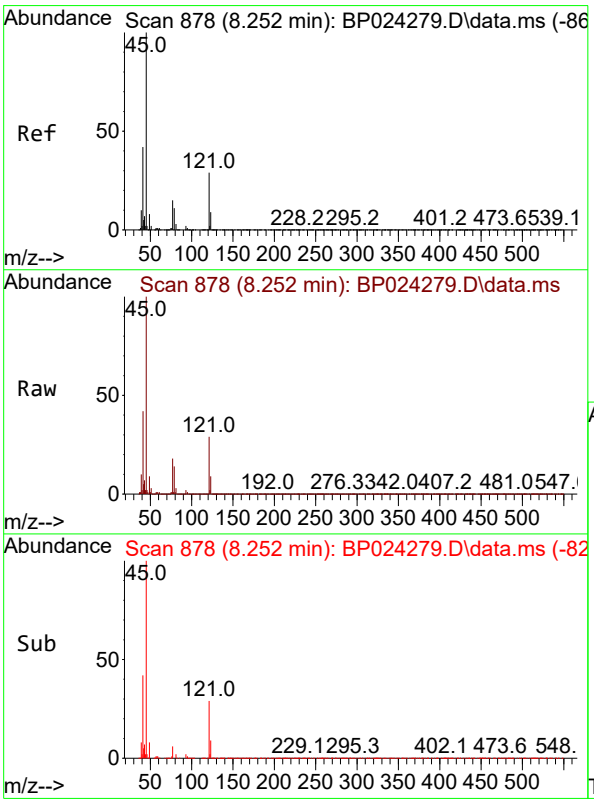
#15
Benzyl Alcohol
Concen: 43.581 ng
RT: 7.969 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 570437

Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	63.4	50.7	76.1

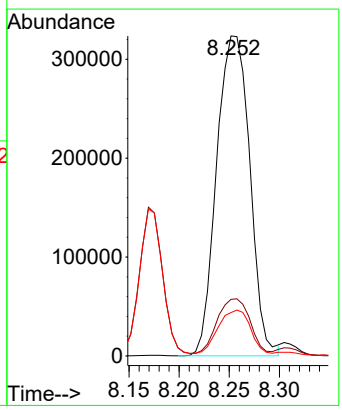


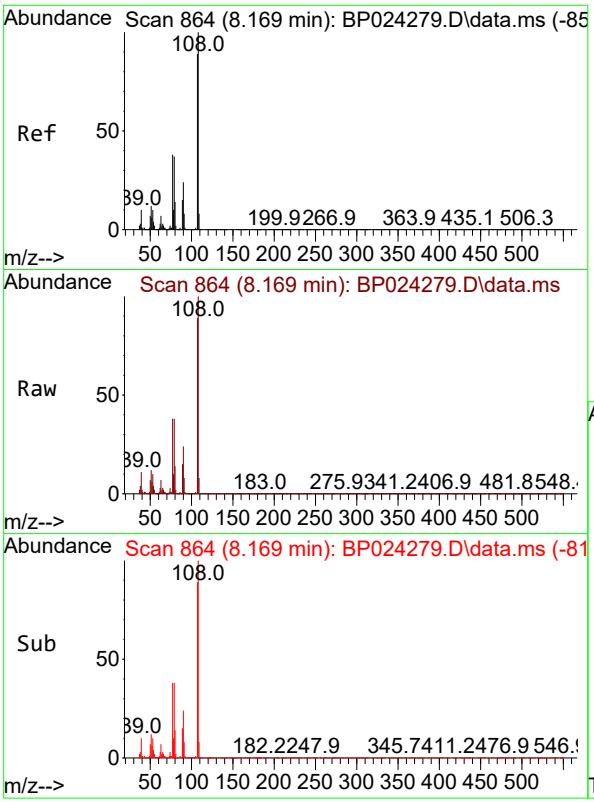


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.386 ng
RT: 8.252 min Scan# 878
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 45 Resp: 746041

Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	37.7
79	13.5	0.0	33.5



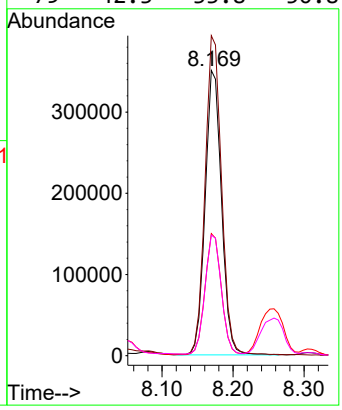


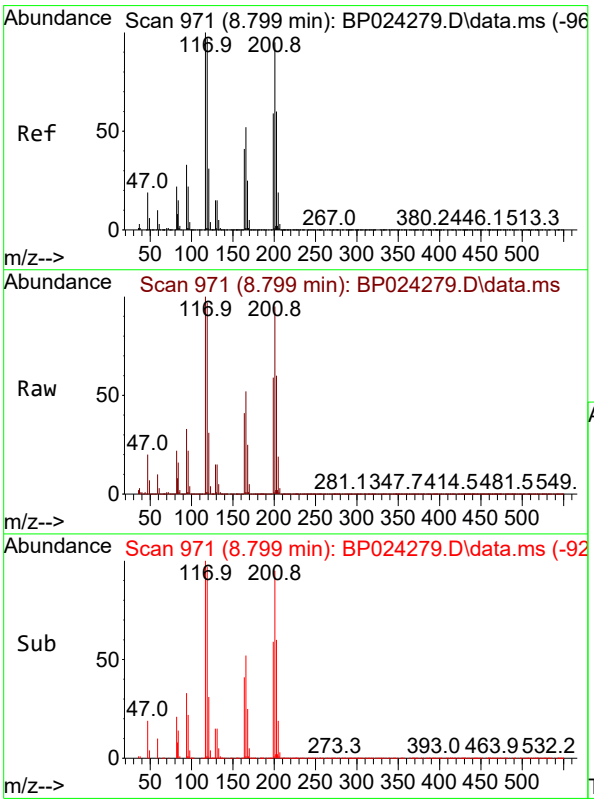
#17
2-Methylphenol
Concen: 42.503 ng
RT: 8.169 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 561621

Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.8	134.6
77	42.8	34.2	51.4
79	42.3	33.8	50.8

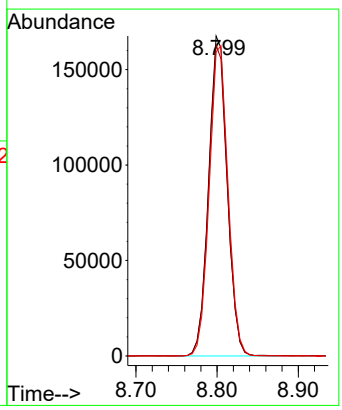


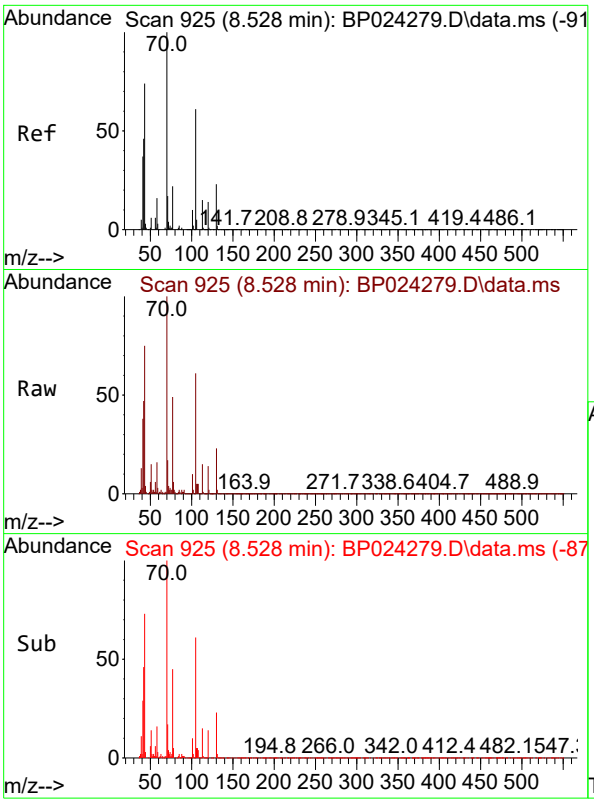


#18
Hexachloroethane
Concen: 40.349 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:117 Resp: 266915

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.6
201	94.9	75.9	113.9



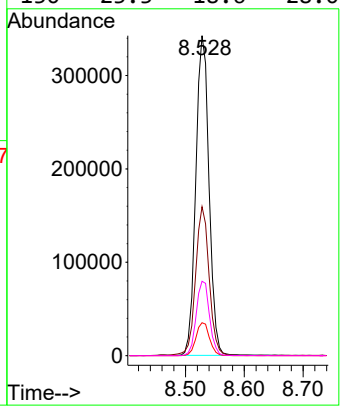


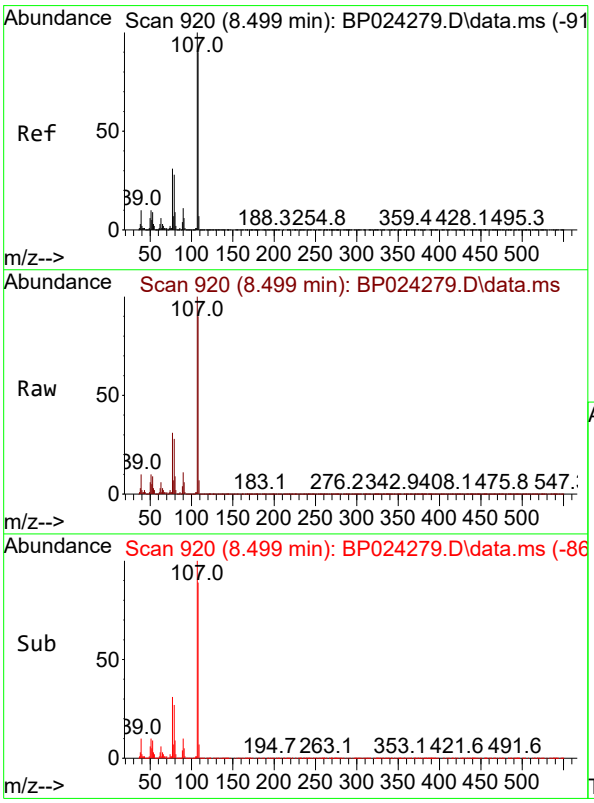
#19
n-Nitroso-di-n-propylamine
Concen: 42.092 ng
RT: 8.528 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 533912

Ion	Ratio	Lower	Upper
70	100		
42	46.6	37.3	55.9
101	10.3	8.2	12.4
130	23.3	18.6	28.0

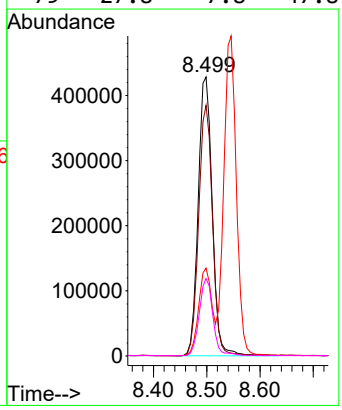


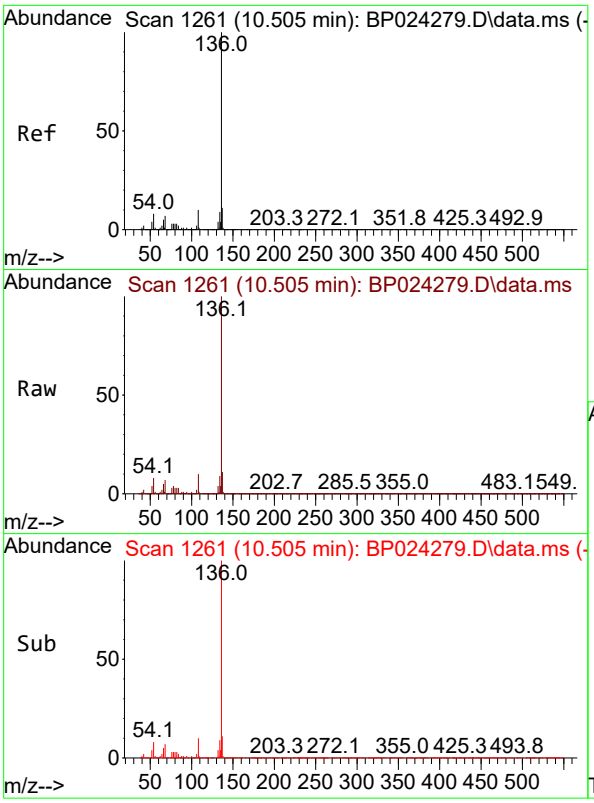


#20
3+4-Methylphenols
Concen: 42.854 ng
RT: 8.499 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:107 Resp: 784336

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.8	109.8
77	31.5	11.5	51.5
79	27.8	7.8	47.8



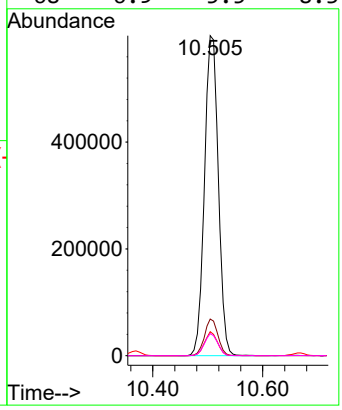


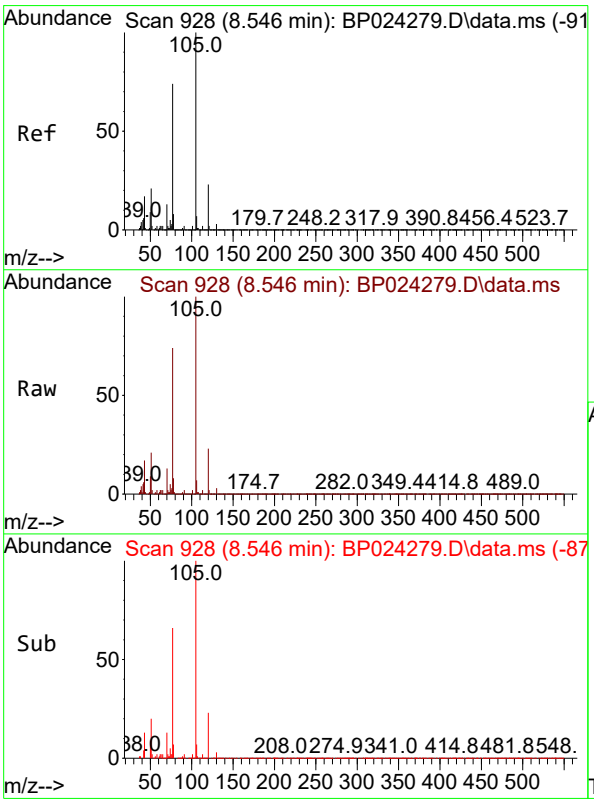
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 1046876

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.5	6.0	9.0
68	6.9	5.5	8.3

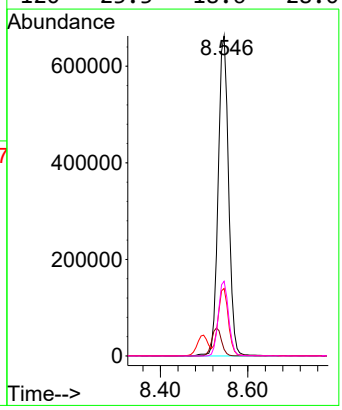


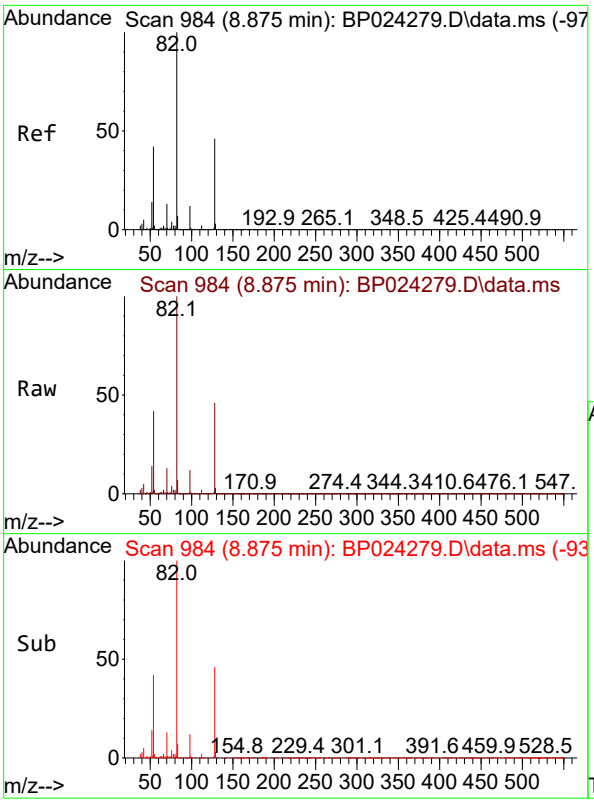


#22
Acetophenone
Concen: 41.770 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:105 Resp: 1086788

Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	21.1	16.9	25.3
120	23.3	18.6	28.0



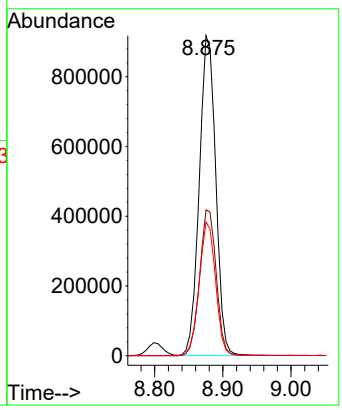


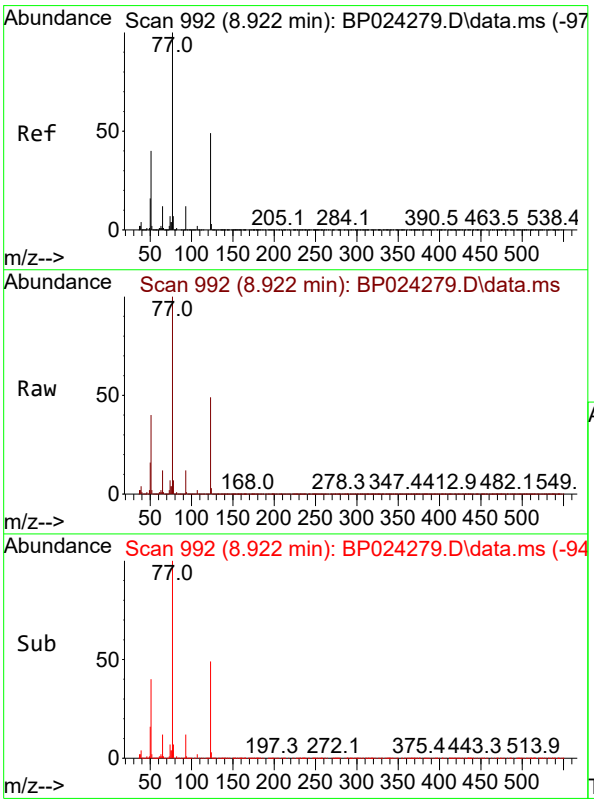
#23
Nitrobenzene-d5
Concen: 83.791 ng
RT: 8.875 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1540790

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	41.8	33.4	50.2

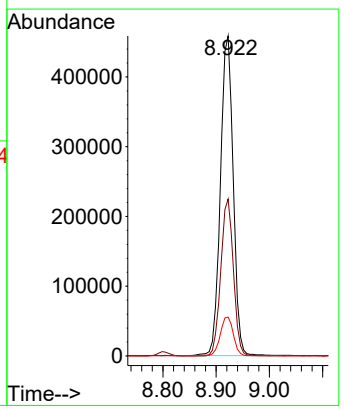


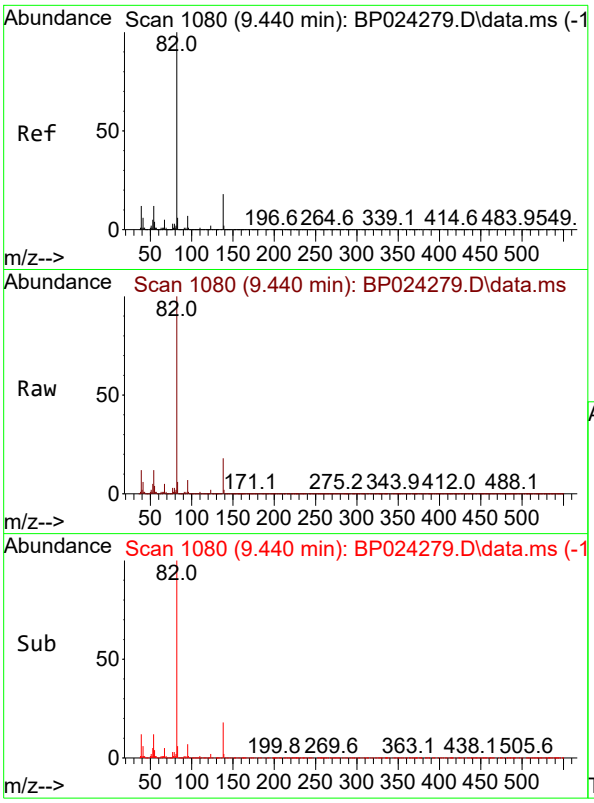


#24
Nitrobenzene
Concen: 41.852 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 77 Resp: 762756

Ion	Ratio	Lower	Upper
77	100		
123	49.0	39.2	58.8
65	12.2	9.8	14.6



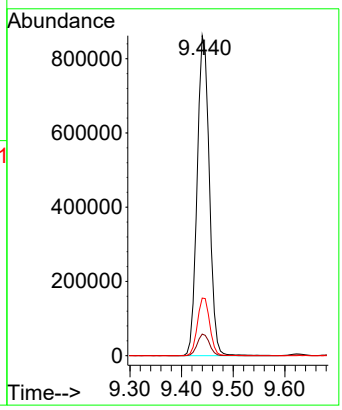


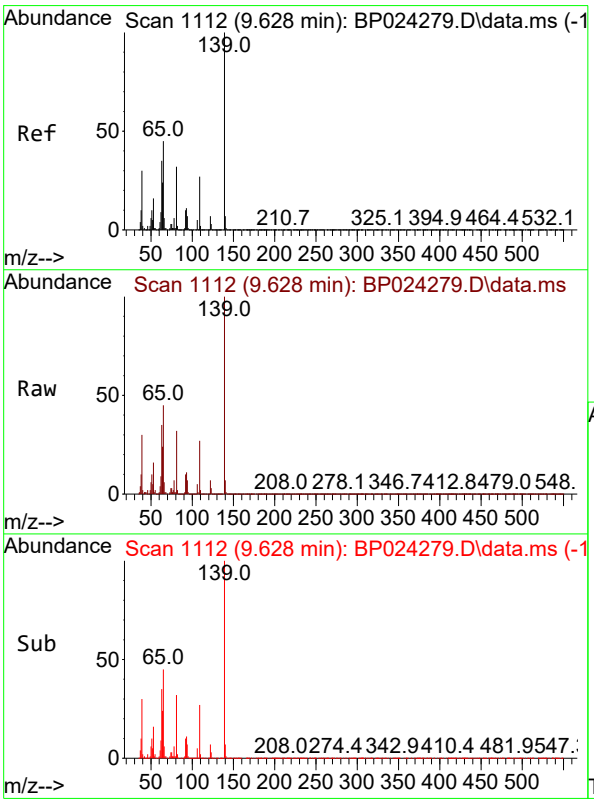
#25
Isophorone
Concen: 42.419 ng
RT: 9.440 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1408146

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	18.0	14.4	21.6

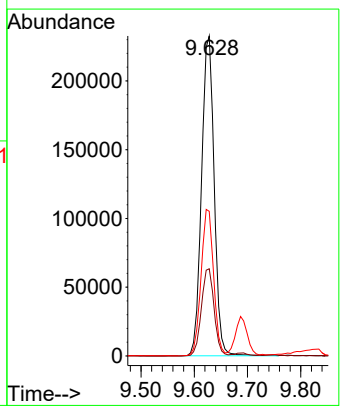


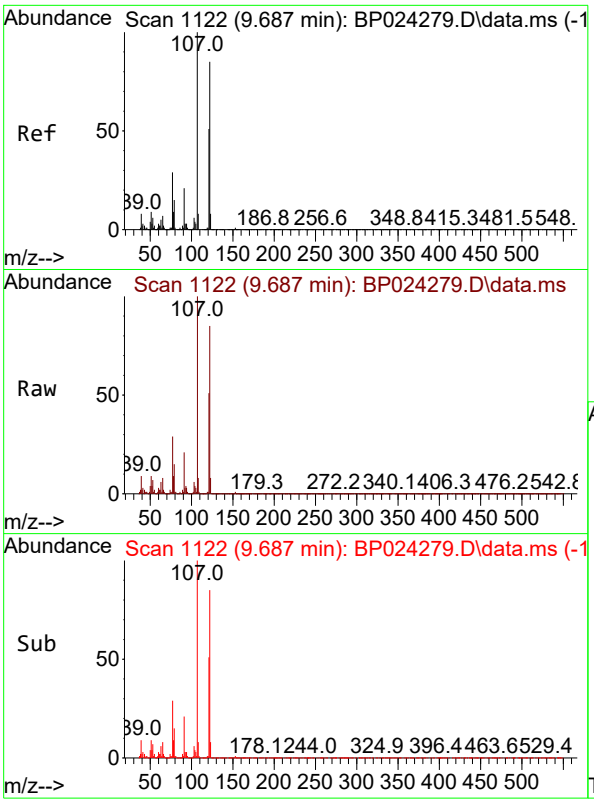


#26
2-Nitrophenol
Concen: 43.852 ng
RT: 9.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:139 Resp: 383751

Ion	Ratio	Lower	Upper
139	100		
109	27.2	21.8	32.6
65	45.2	36.2	54.2



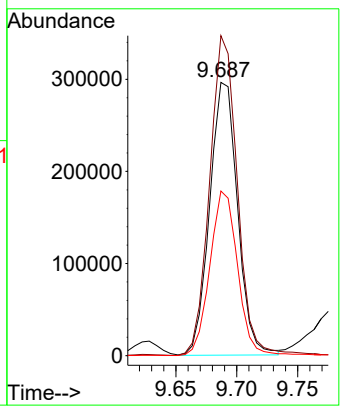


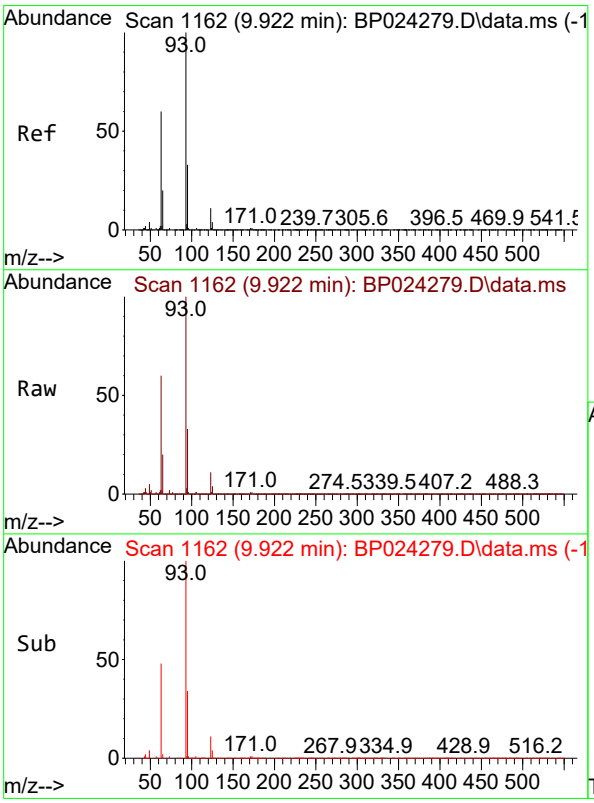
#27
2,4-Dimethylphenol
Concen: 42.600 ng
RT: 9.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 472488

Ion	Ratio	Lower	Upper
122	100		
107	117.1	93.7	140.5
121	60.2	48.2	72.2

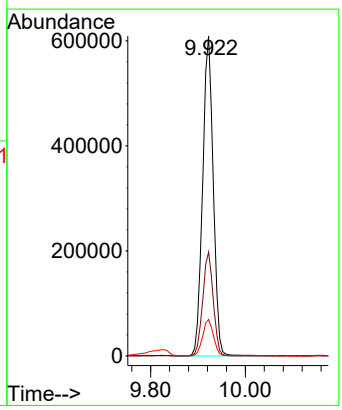


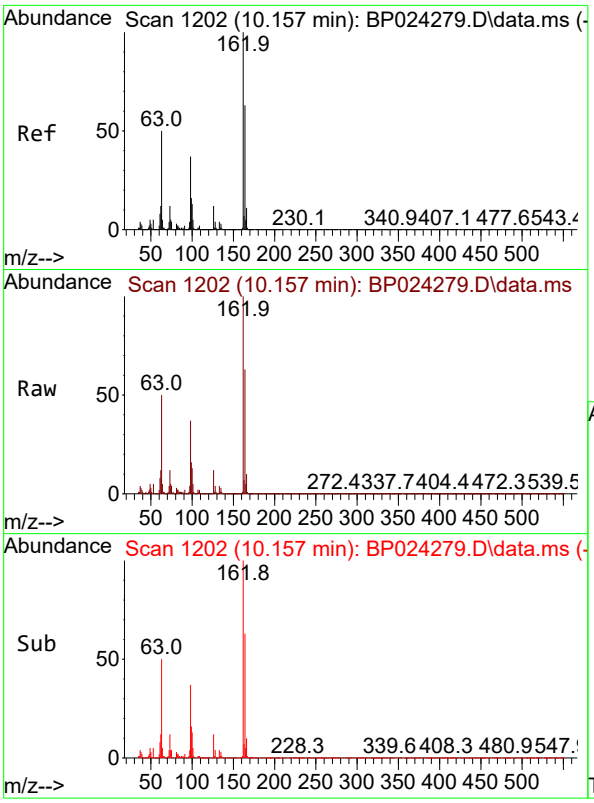


#28
bis(2-Chloroethoxy)methane
Concen: 41.926 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 93 Resp: 947250

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.4	9.1	13.7



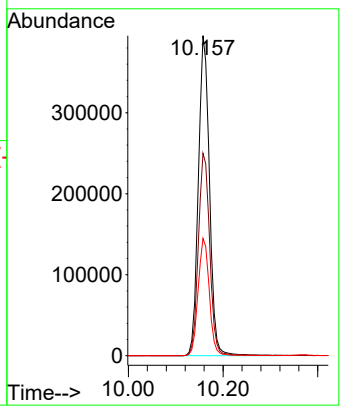


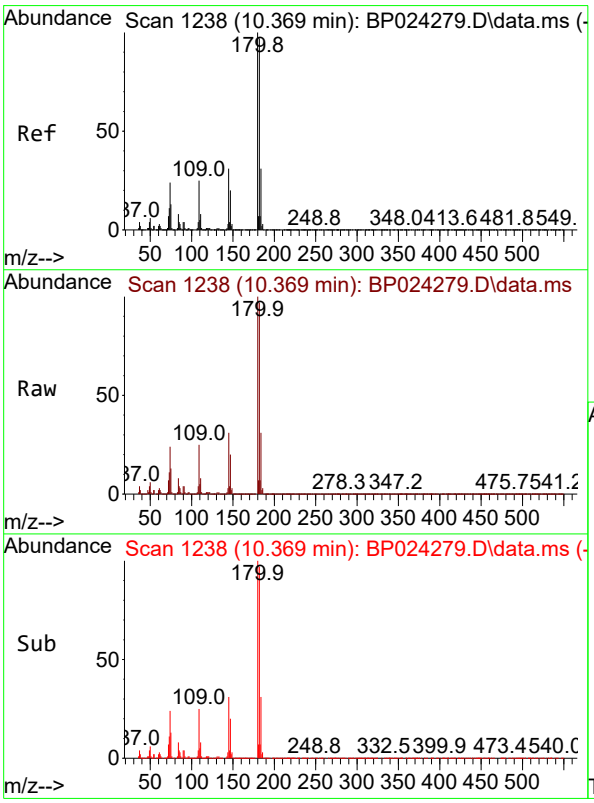
#29
2,4-Dichlorophenol
Concen: 42.725 ng
RT: 10.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 645849

Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.3	83.3
98	36.6	16.6	56.6

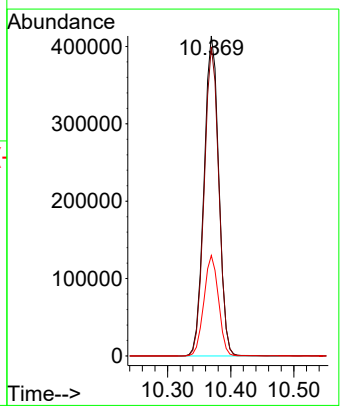


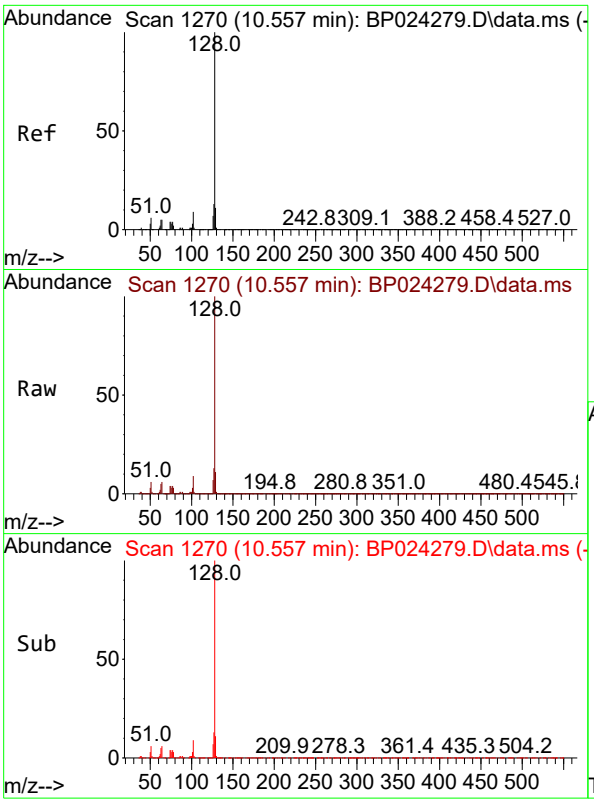


#30
1,2,4-Trichlorobenzene
Concen: 41.046 ng
RT: 10.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:180 Resp: 671264

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.3	115.9
145	31.4	25.1	37.7



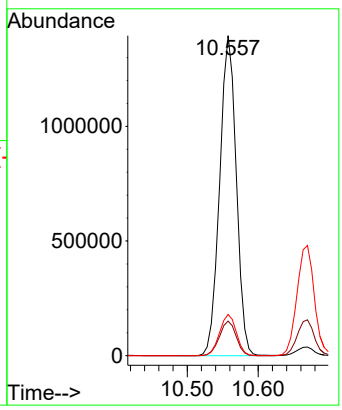


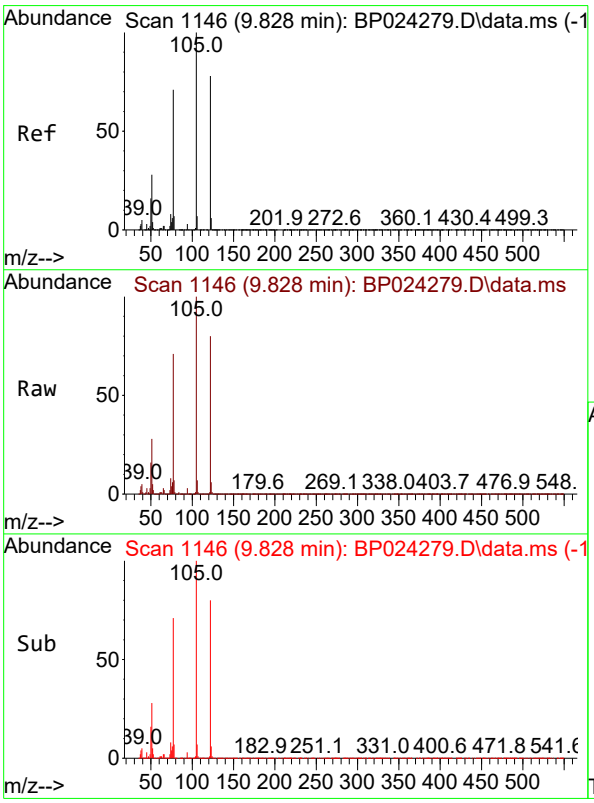
#31
Naphthalene
Concen: 40.765 ng
RT: 10.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 2258924

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.9	10.3	15.5

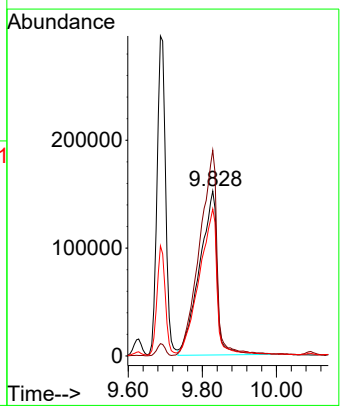


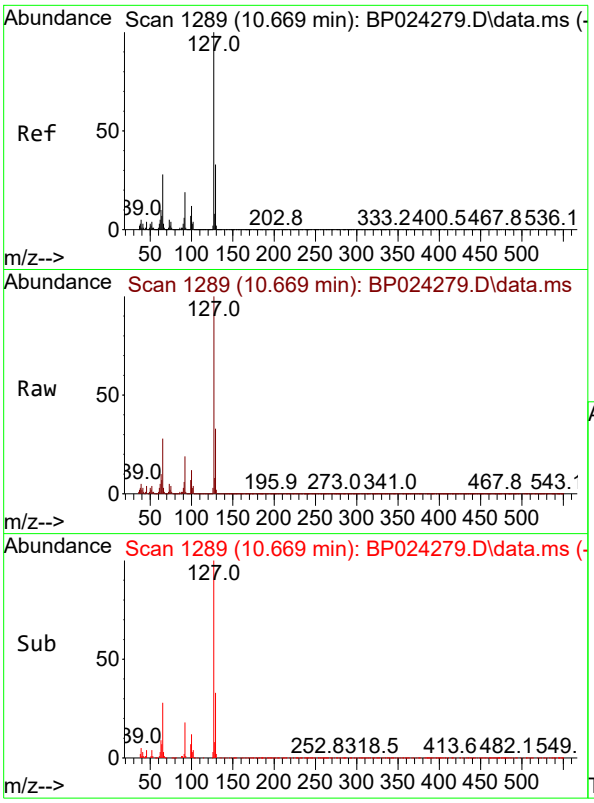


#32
Benzoic acid
Concen: 42.286 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:122 Resp: 506813

Ion	Ratio	Lower	Upper
122	100		
105	124.8	104.8	144.8
77	89.2	69.2	109.2



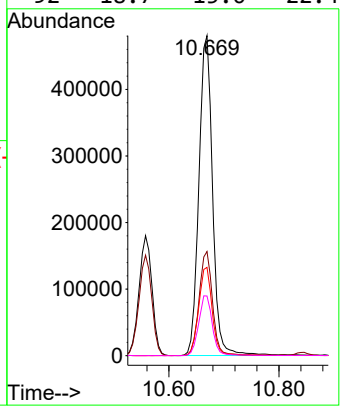


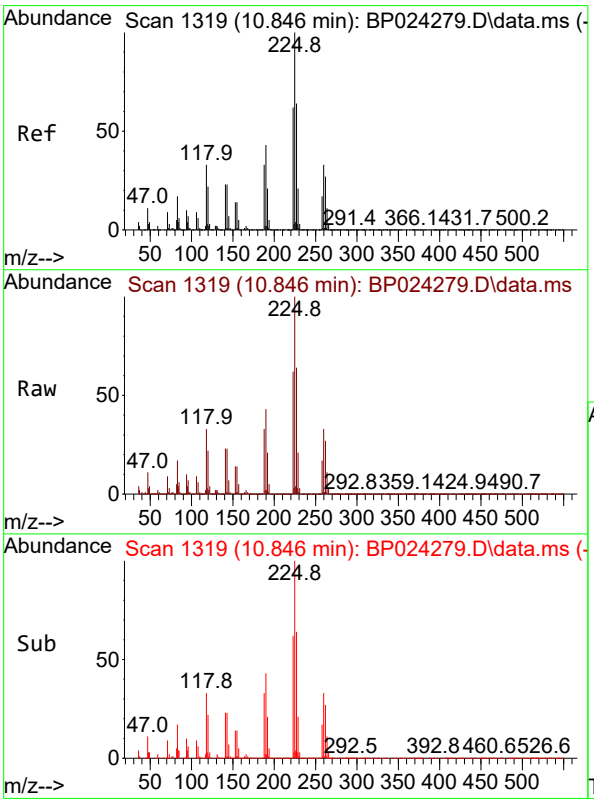
#33
4-Chloroaniline
Concen: 42.913 ng
RT: 10.669 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 830870

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	27.6	22.1	33.1
92	18.7	15.0	22.4

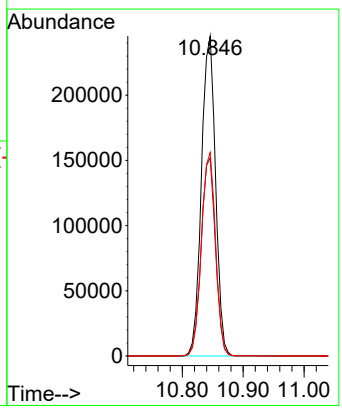


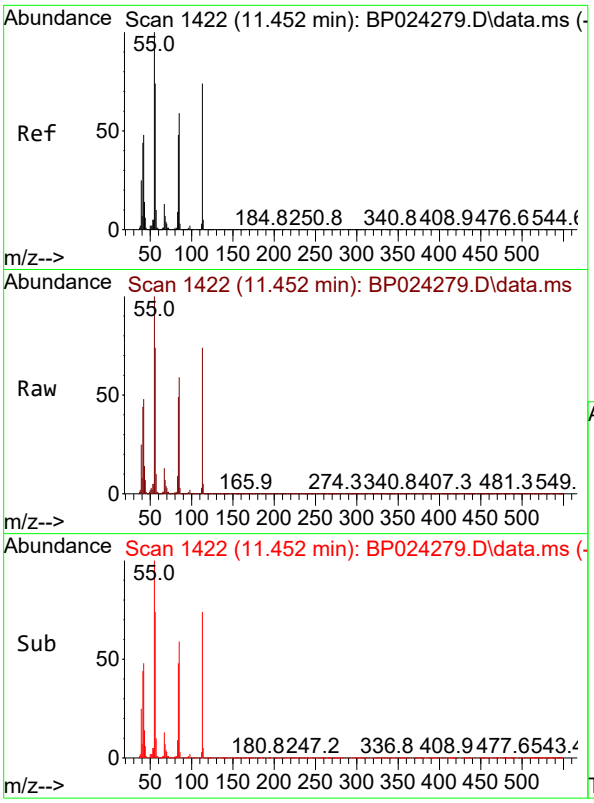


#34
Hexachlorobutadiene
Concen: 41.146 ng
RT: 10.846 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:225 Resp: 394737

Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.5	74.3
227	63.6	50.9	76.3



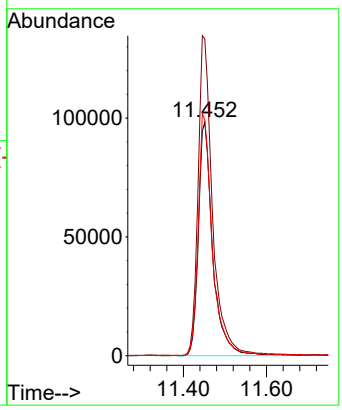


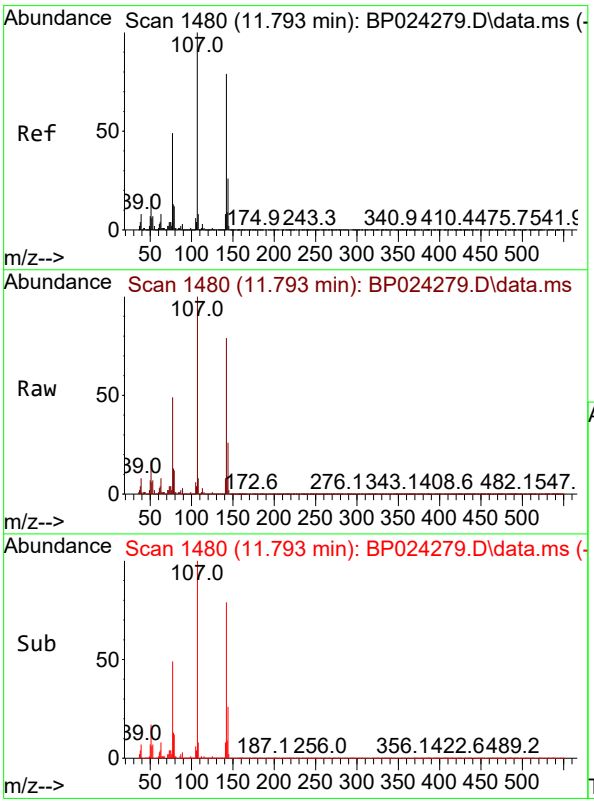
#35
Caprolactam
Concen: 42.256 ng
RT: 11.452 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 234519

Ion	Ratio	Lower	Upper
113	100		
55	135.9	115.9	155.9
56	101.1	81.1	121.1

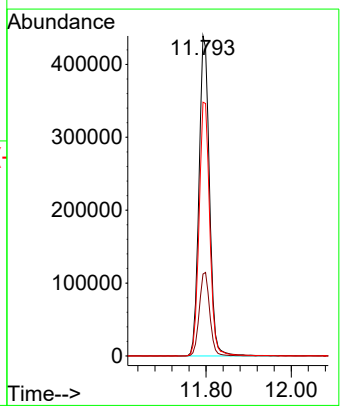


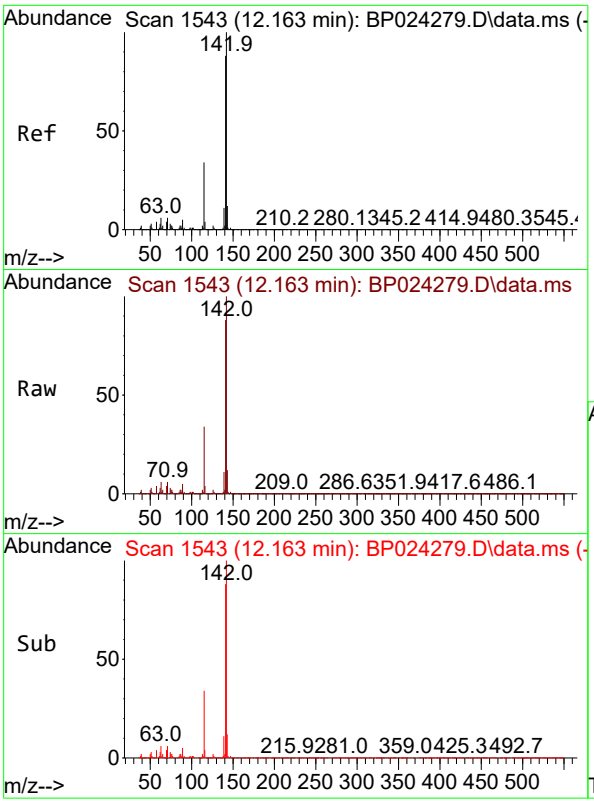


#36
4-Chloro-3-methylphenol
Concen: 42.438 ng
RT: 11.793 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:107 Resp: 747541

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	79.3	63.4	95.2



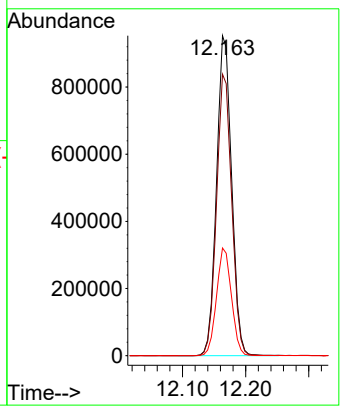


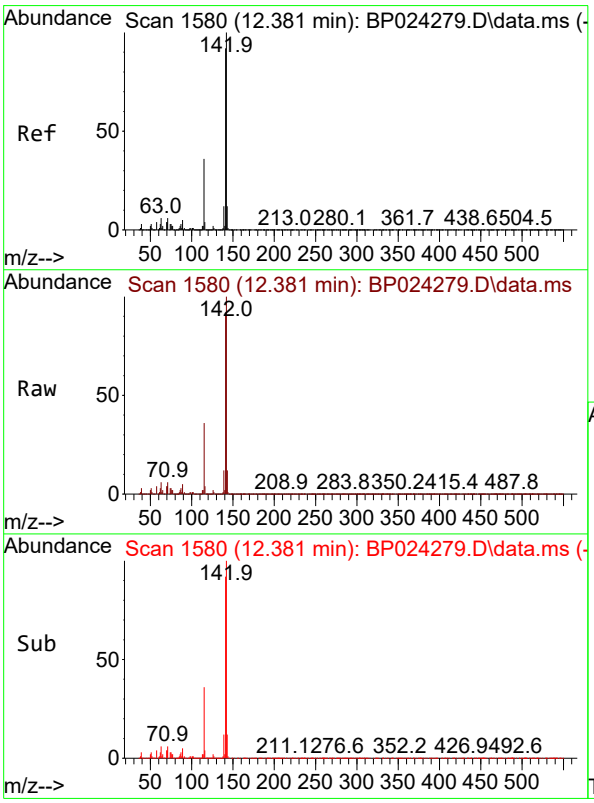
#37
2-Methylnaphthalene
Concen: 41.154 ng
RT: 12.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 1580497

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	33.6	26.9	40.3

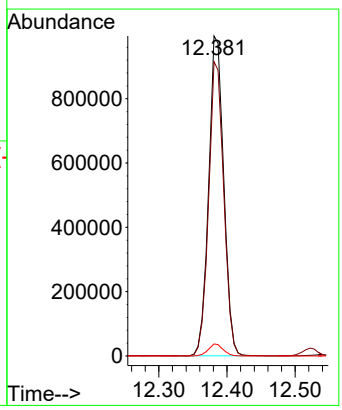


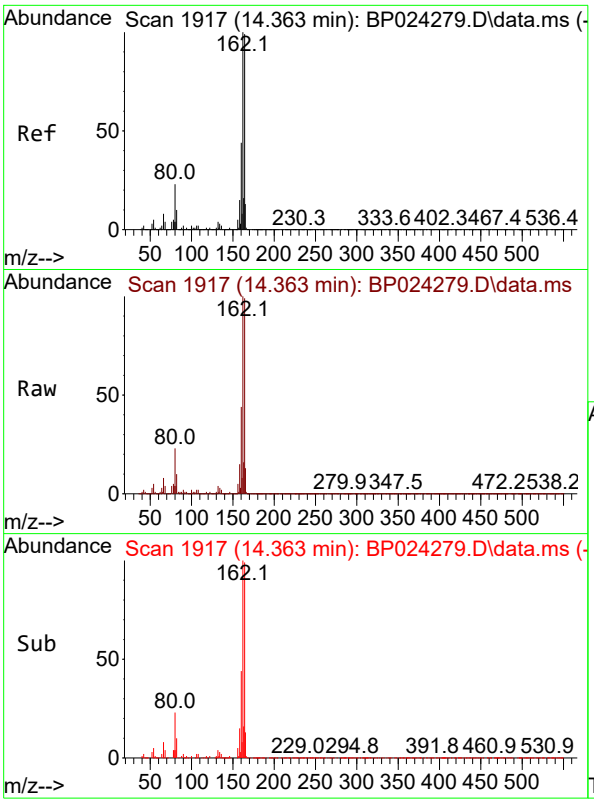


#38
1-Methylnaphthalene
Concen: 40.695 ng
RT: 12.381 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:142 Resp: 1530982

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.6	110.4
116	3.8	3.0	4.6



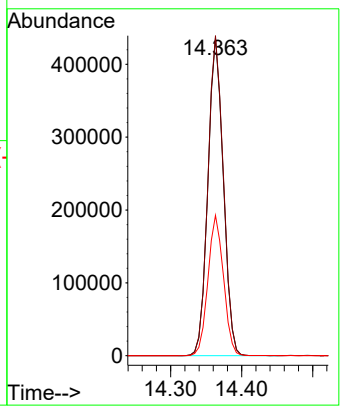


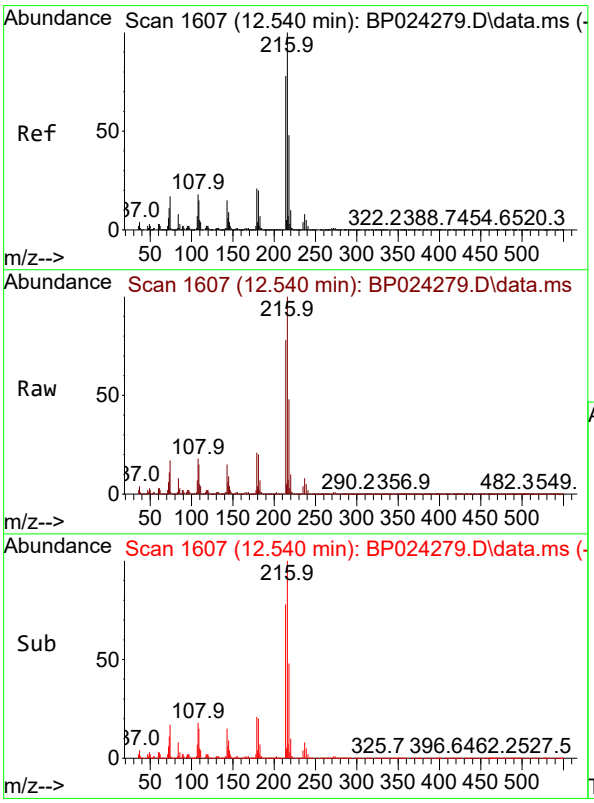
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 657357

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	44.1	35.3	52.9

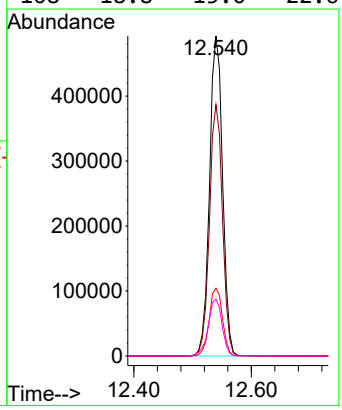


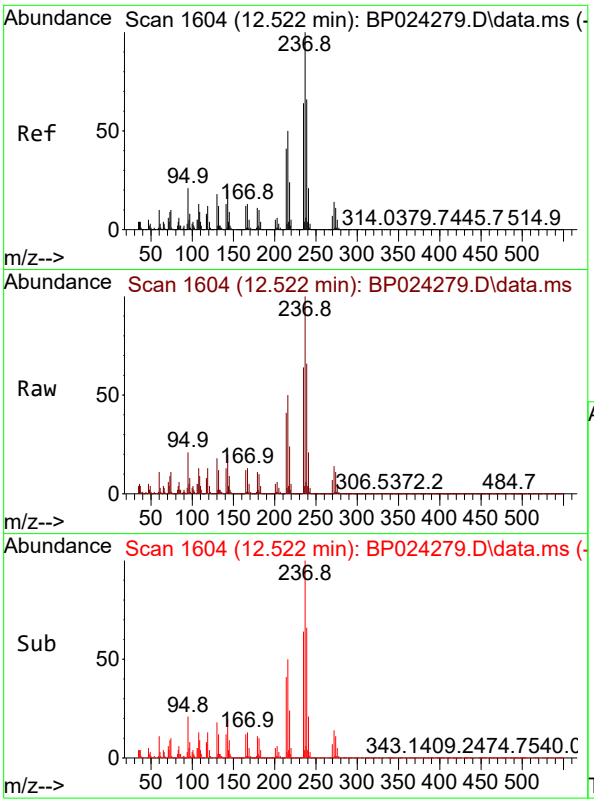


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.945 ng
RT: 12.540 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:216 Resp: 757748

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	93.8
179	21.5	17.2	25.8
108	18.8	15.0	22.6



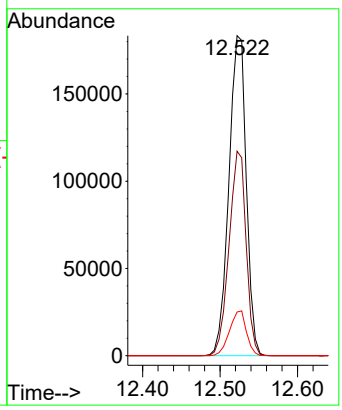


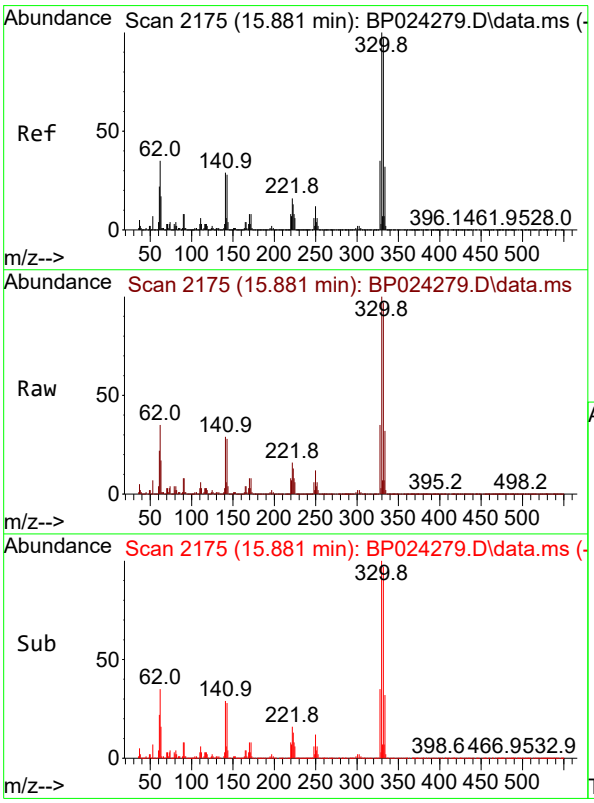
#41
Hexachlorocyclopentadiene
Concen: 45.116 ng
RT: 12.522 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 286135

Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.9	83.9
272	13.6	0.0	33.6

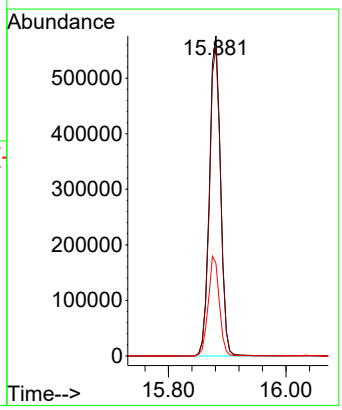


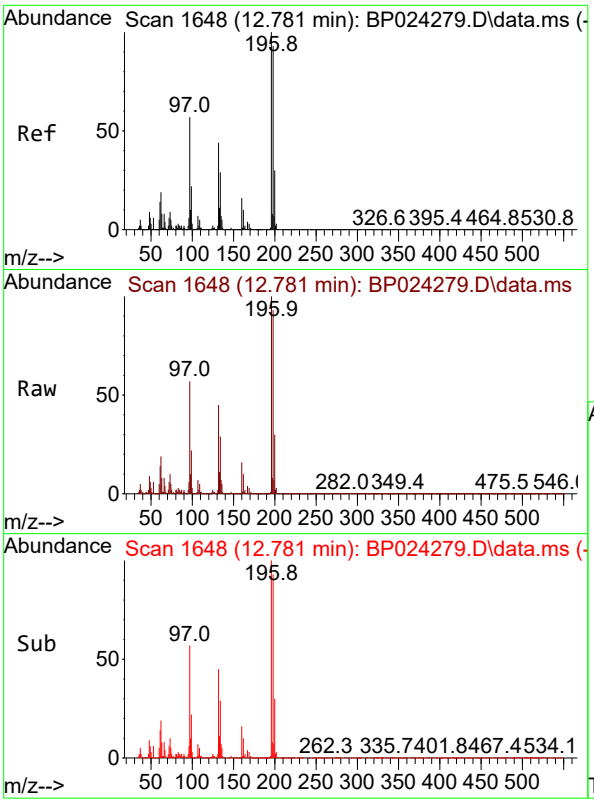


#42
2,4,6-Tribromophenol
Concen: 84.379 ng
RT: 15.881 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:330 Resp: 759528

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	30.9	24.7	37.1



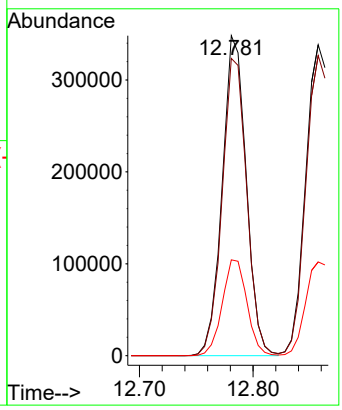


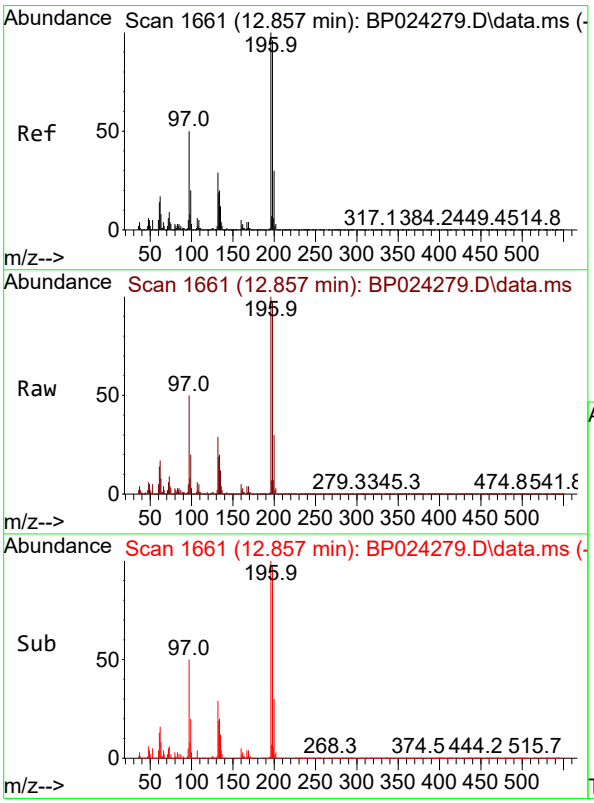
#43
2,4,6-Trichlorophenol
Concen: 43.038 ng
RT: 12.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 511566

Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.3	111.5
200	30.0	24.0	36.0

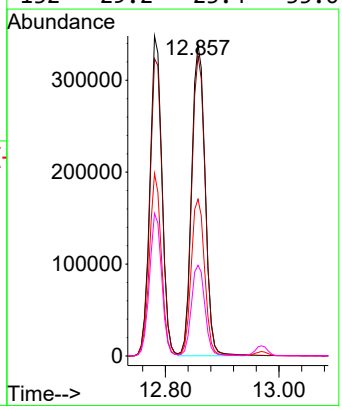


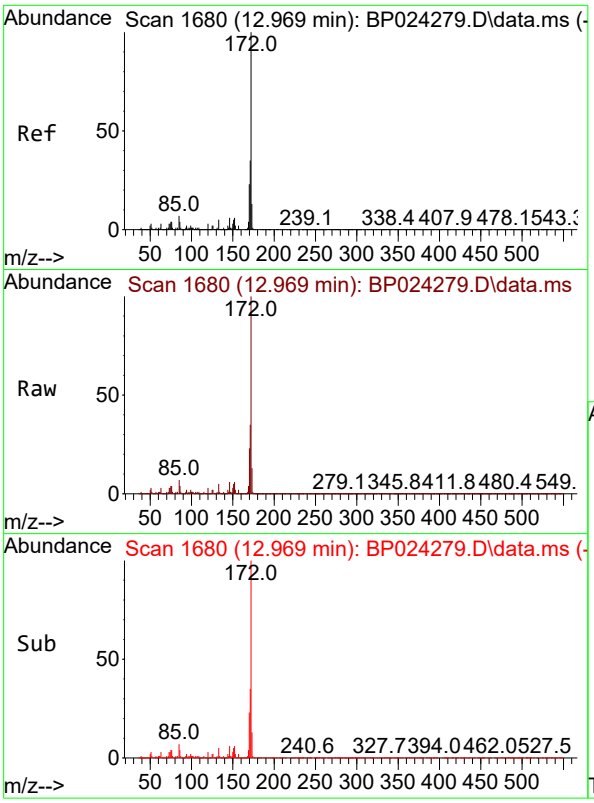


#44
2,4,5-Trichlorophenol
Concen: 42.637 ng
RT: 12.857 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:196 Resp: 561631

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
97	50.5	40.4	60.6
132	29.2	23.4	35.0



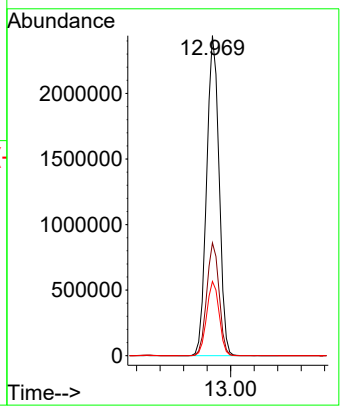


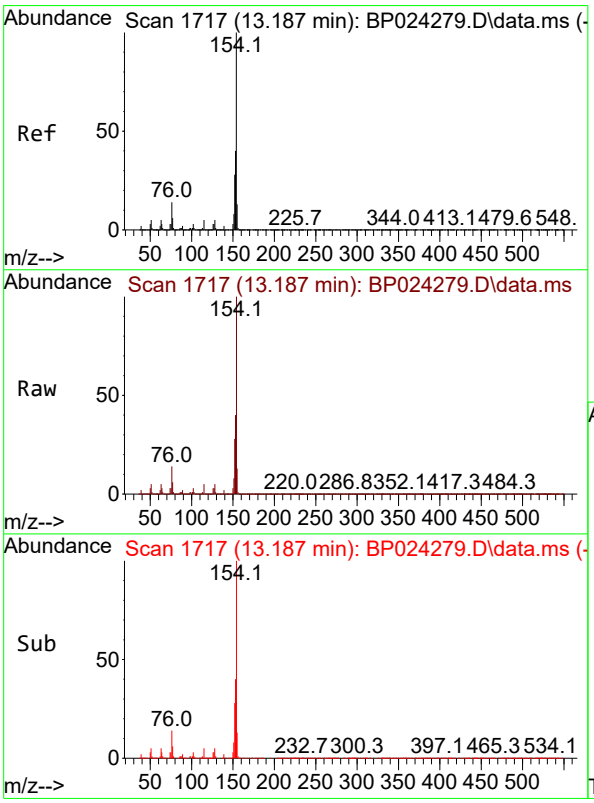
#45
2-Fluorobiphenyl
Concen: 82.939 ng
RT: 12.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 3591010

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.2	18.6	27.8

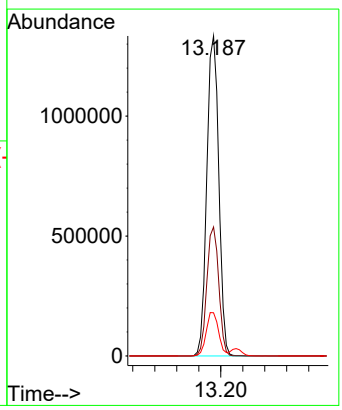


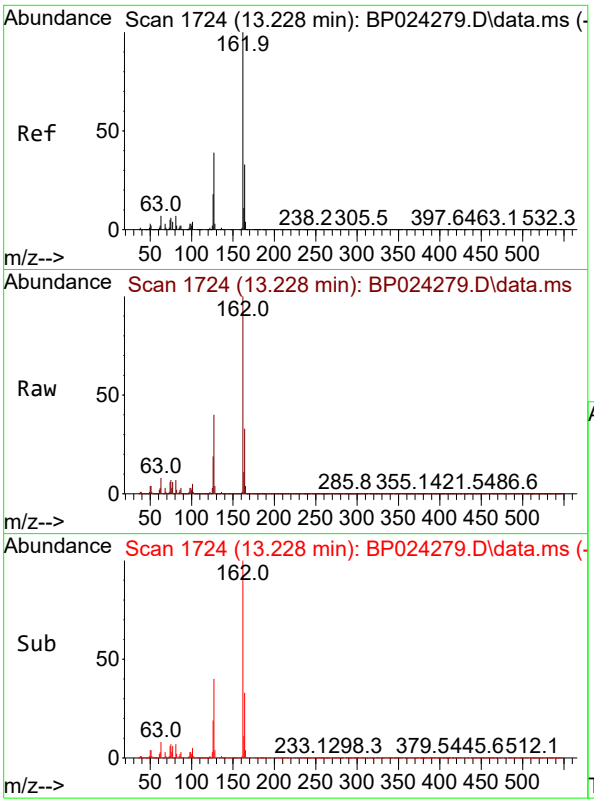


#46
1,1'-Biphenyl
Concen: 41.404 ng
RT: 13.187 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:154 Resp: 2010029

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.5	0.0	33.5



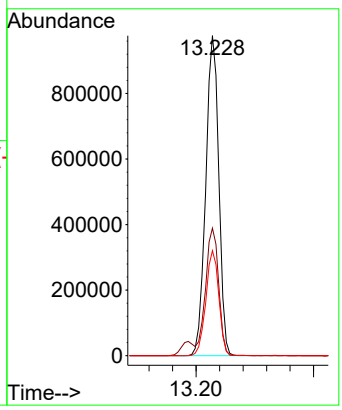


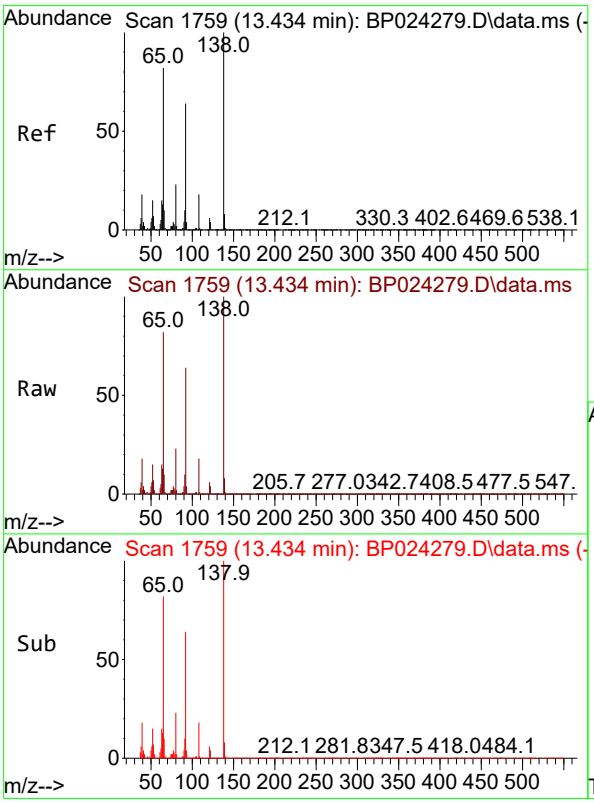
#47
2-Chloronaphthalene
Concen: 41.328 ng
RT: 13.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 1497152

Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.9	47.9
164	32.8	26.2	39.4

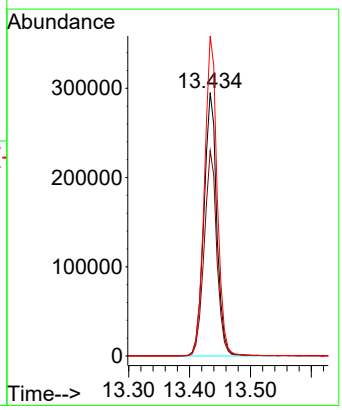


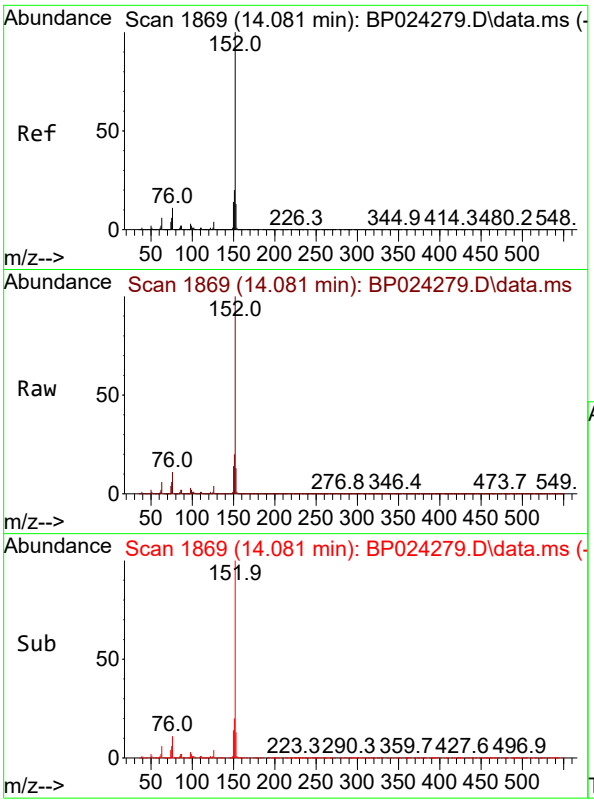


#48
2-Nitroaniline
Concen: 43.377 ng
RT: 13.434 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 65 Resp: 434050

Ion	Ratio	Lower	Upper
65	100		
92	77.9	62.3	93.5
138	121.5	97.2	145.8



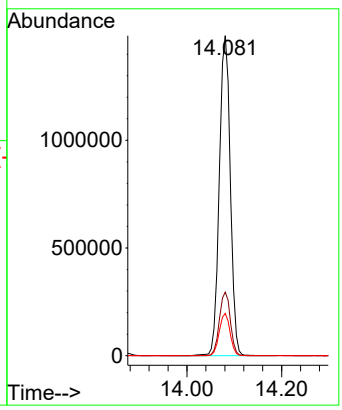


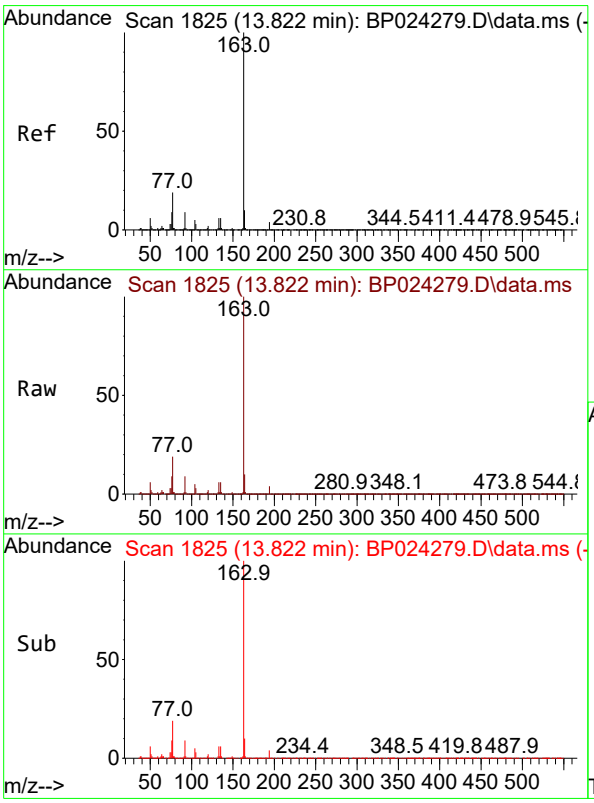
#49
Acenaphthylene
Concen: 41.944 ng
RT: 14.081 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 2384785

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.2	10.6	15.8

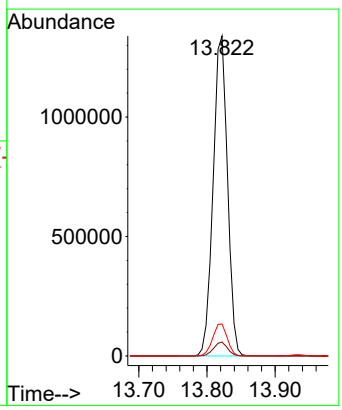


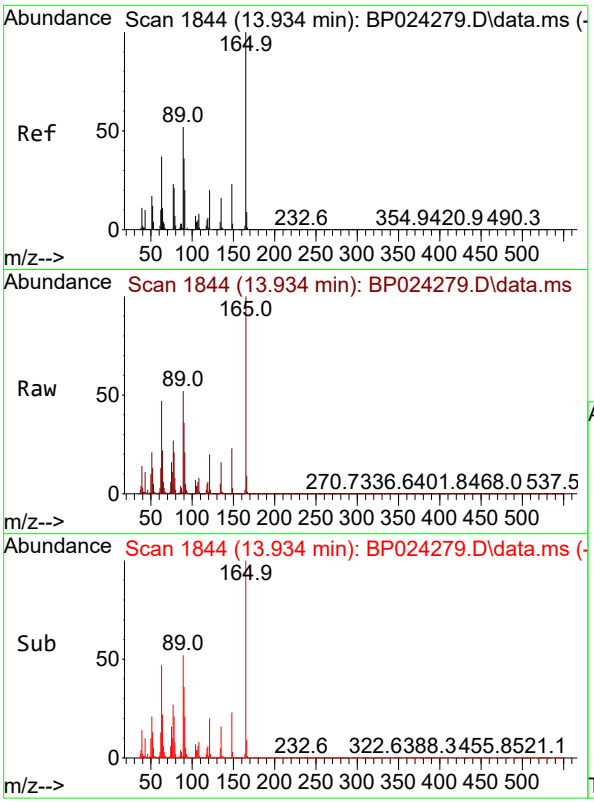


#50
Dimethylphthalate
Concen: 40.976 ng
RT: 13.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:163 Resp: 1965142

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.0	8.0	12.0



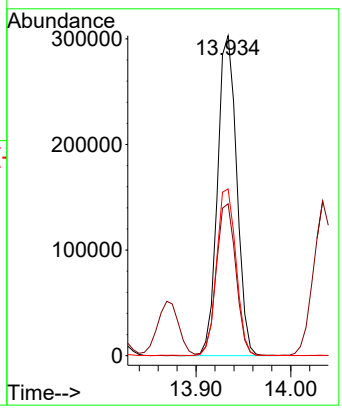


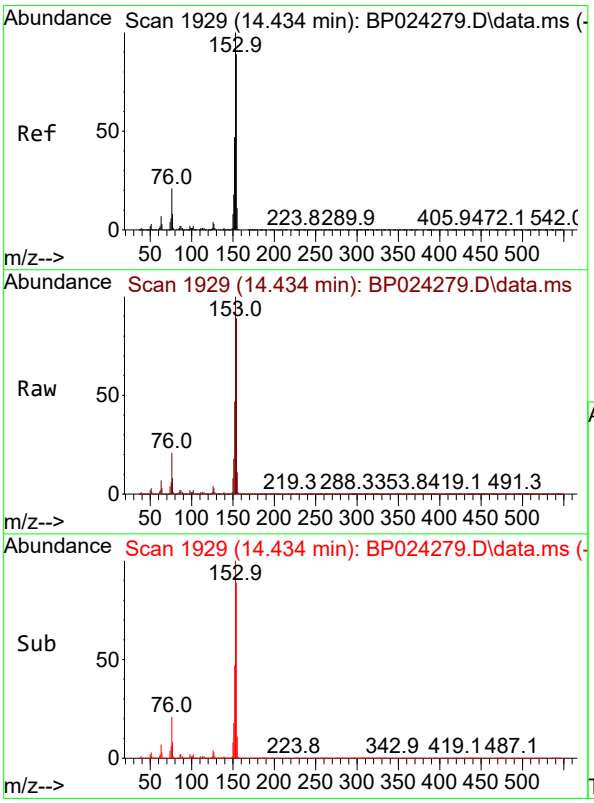
#51
2,6-Dinitrotoluene
Concen: 42.283 ng
RT: 13.934 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 427248

Ion	Ratio	Lower	Upper
165	100		
63	47.5	38.0	57.0
89	52.1	41.7	62.5

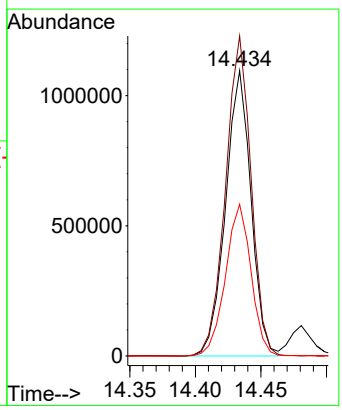


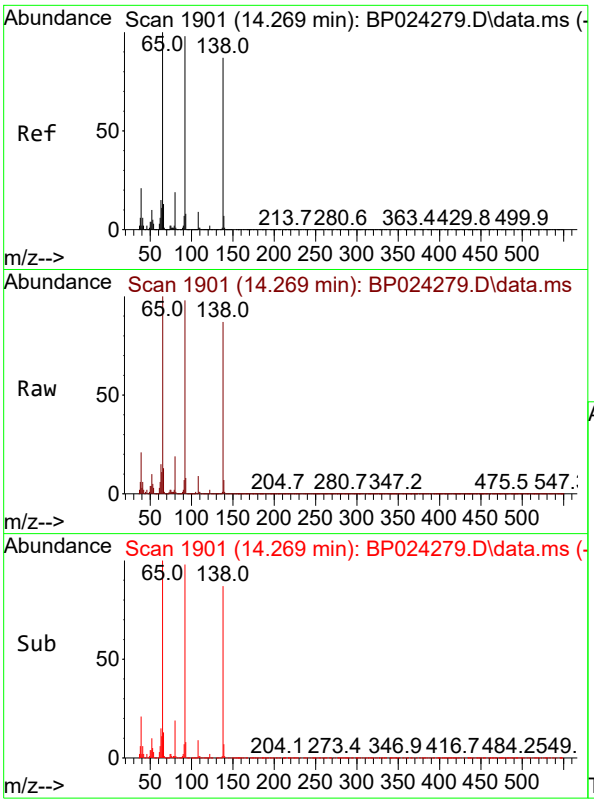


#52
Acenaphthene
Concen: 40.947 ng
RT: 14.434 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:154 Resp: 1480526

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.8	134.6
152	53.2	42.6	63.8



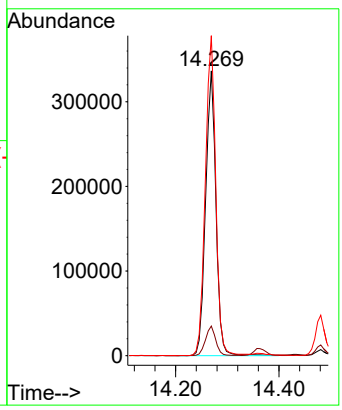


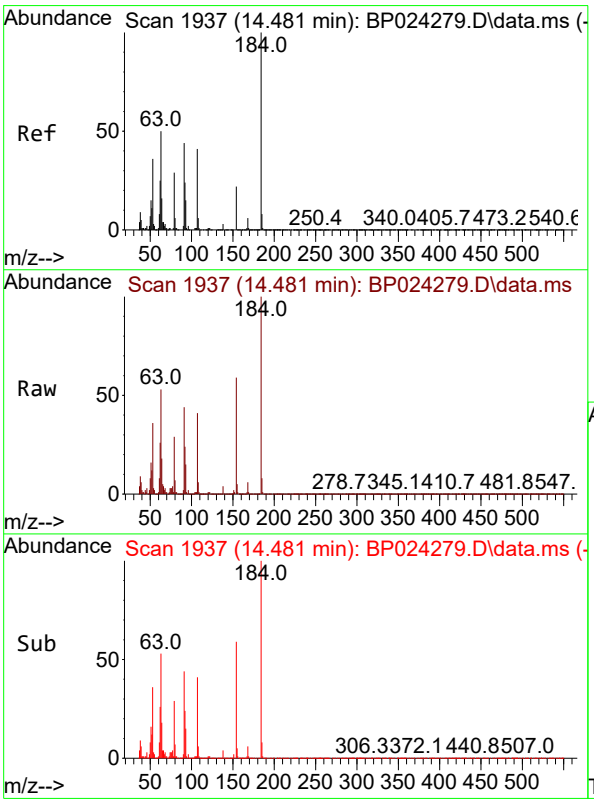
#53
3-Nitroaniline
Concen: 44.389 ng
RT: 14.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 465347

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.3	12.5
92	112.3	89.8	134.8

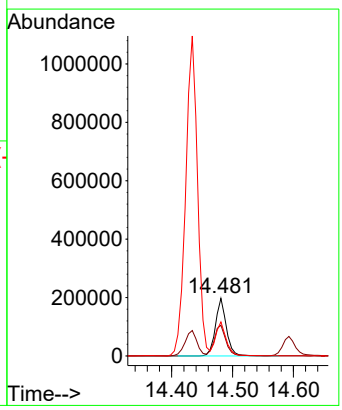


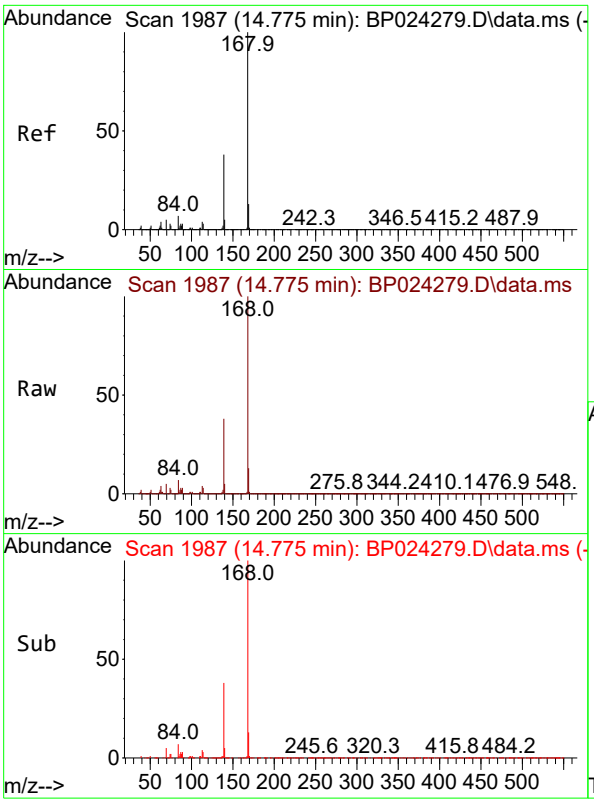


#54
2,4-Dinitrophenol
Concen: 45.231 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:184 Resp: 244714

Ion	Ratio	Lower	Upper
184	100		
63	53.3	42.6	64.0
154	59.0	47.2	70.8



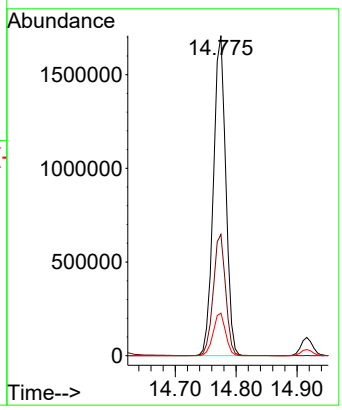


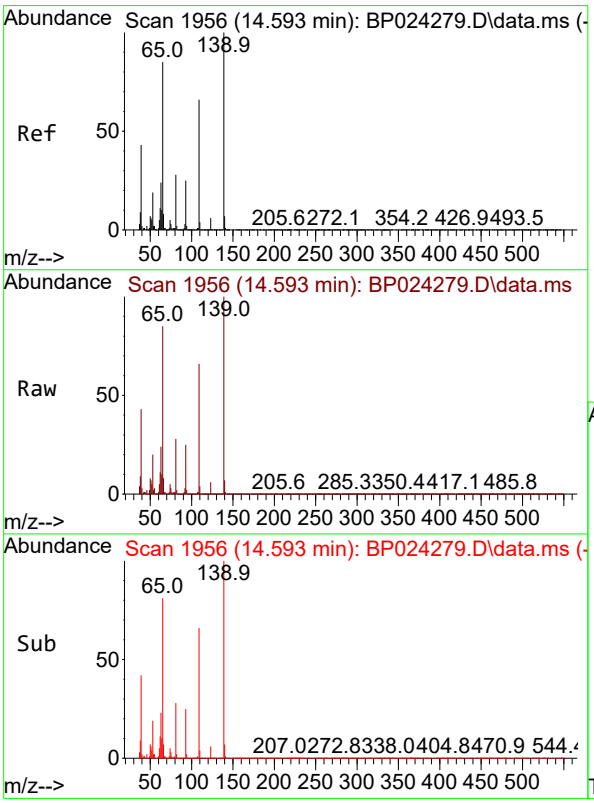
#55
Dibenzofuran
Concen: 40.633 ng
RT: 14.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 2409526

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.3	45.5
169	13.3	10.6	16.0

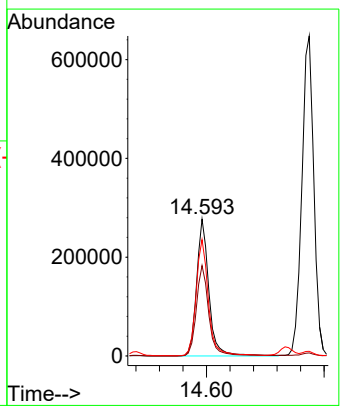


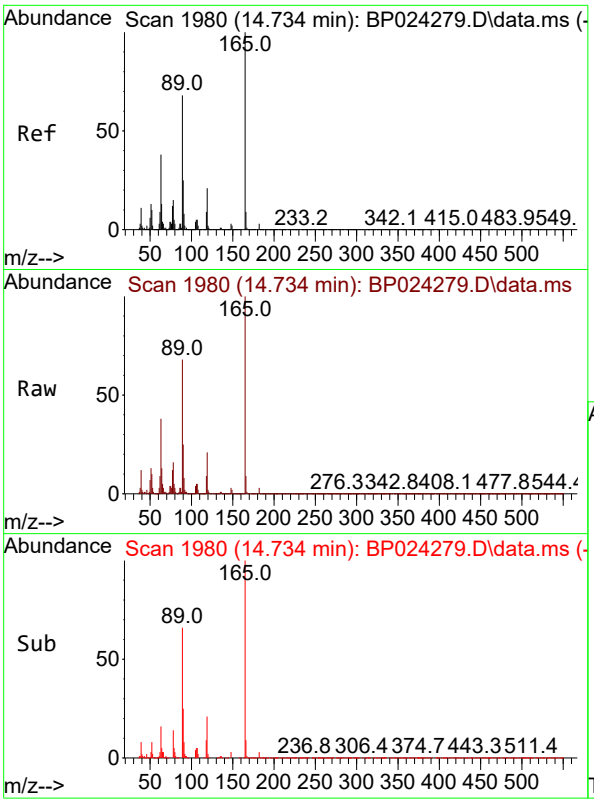


#56
4-Nitrophenol
Concen: 44.564 ng
RT: 14.593 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:139 Resp: 401591

Ion	Ratio	Lower	Upper
139	100		
109	66.1	46.1	86.1
65	85.0	65.0	105.0



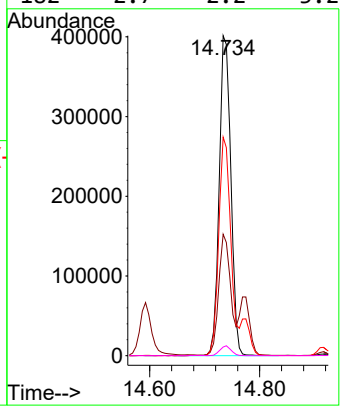


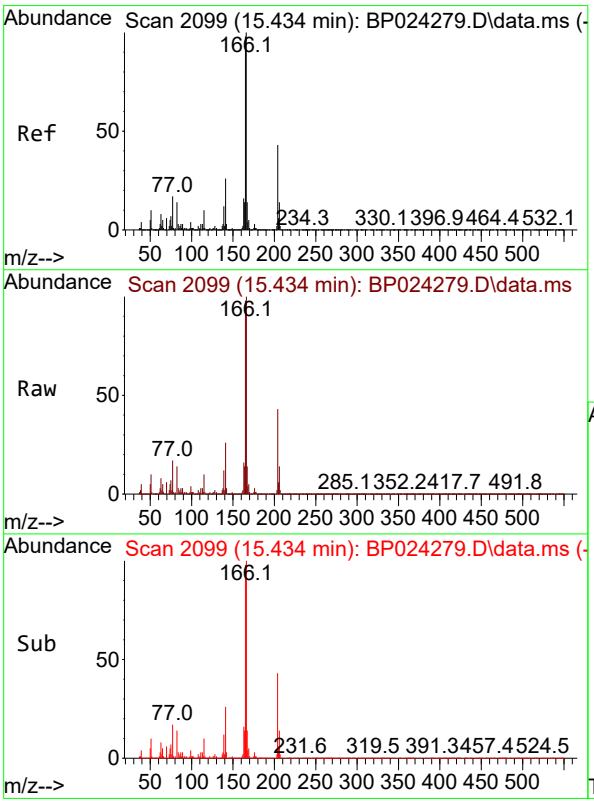
#57
2,4-Dinitrotoluene
Concen: 43.110 ng
RT: 14.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 588798

Ion	Ratio	Lower	Upper
165	100		
63	38.0	30.4	45.6
89	68.3	54.6	82.0
182	2.7	2.2	3.2

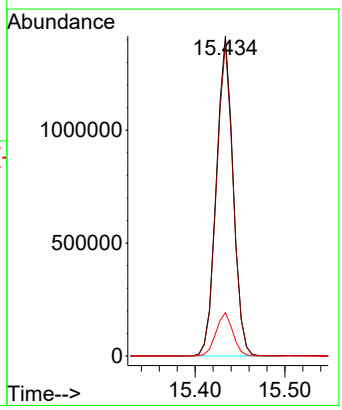


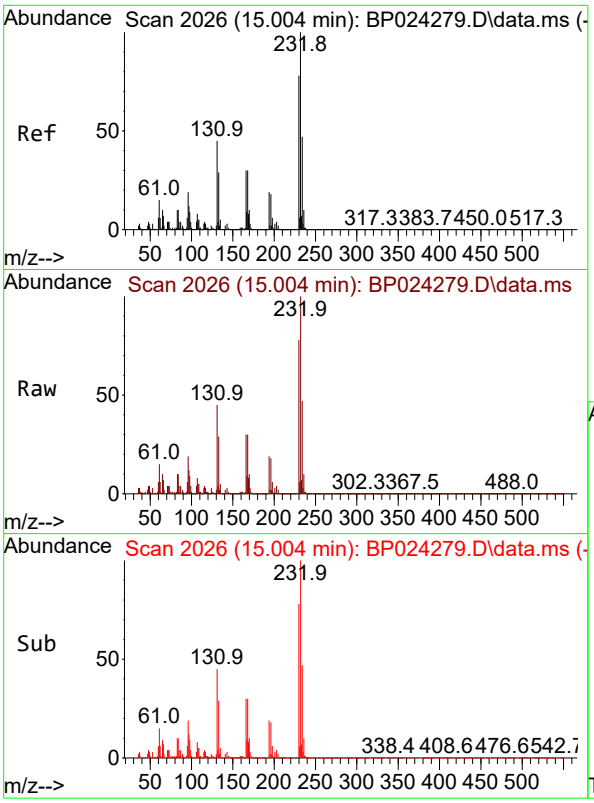


#58
Fluorene
Concen: 40.150 ng
RT: 15.434 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:166 Resp: 1838264

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	13.6	10.9	16.3



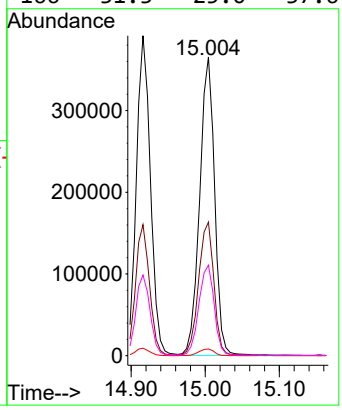


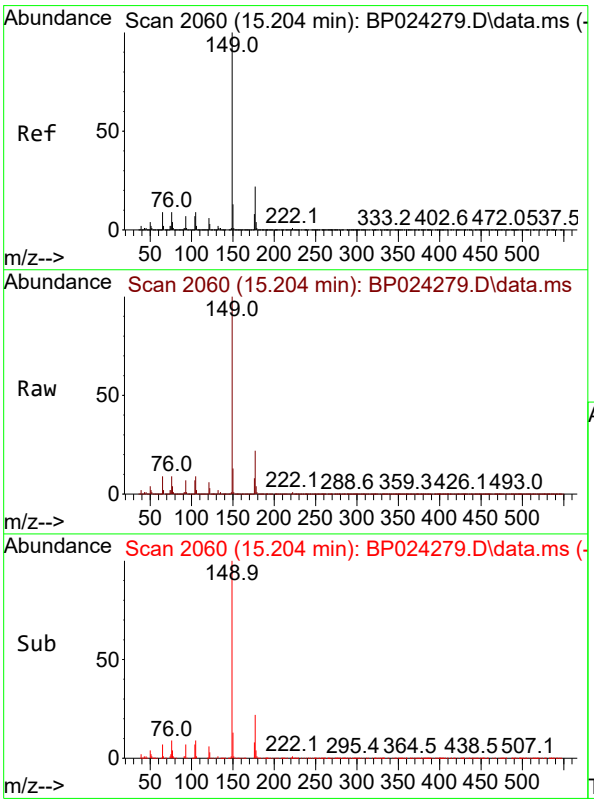
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.987 ng
RT: 15.004 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 511714

Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.8	55.2
130	2.4	1.9	2.9
166	31.3	25.0	37.6

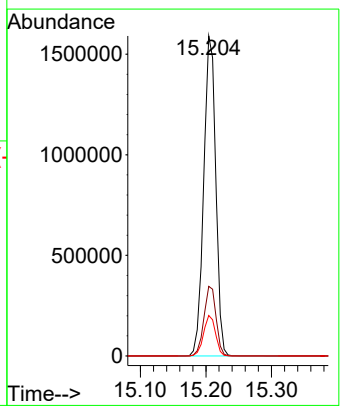


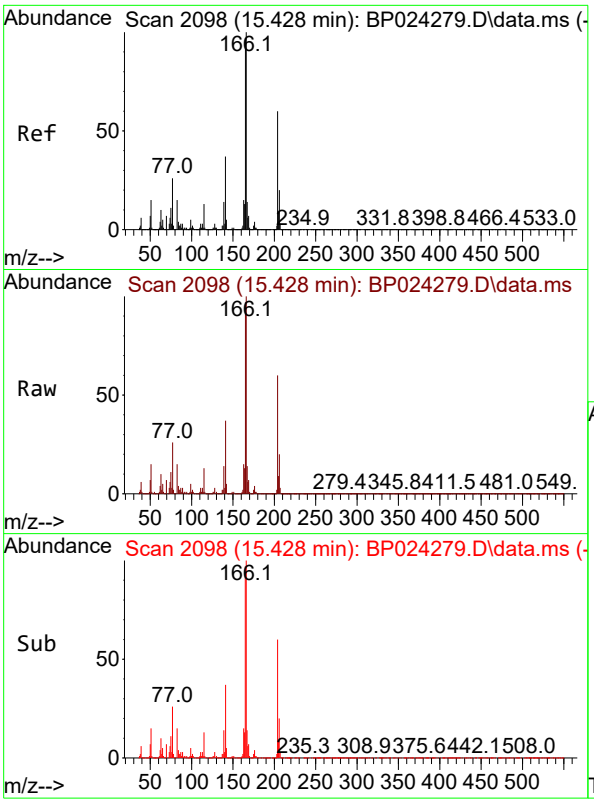


#60
Diethylphthalate
Concen: 41.286 ng
RT: 15.204 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:149 Resp: 2037863

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.6	10.1	15.1



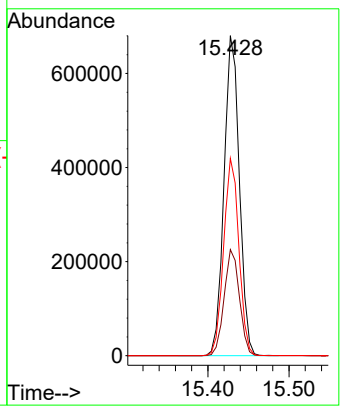


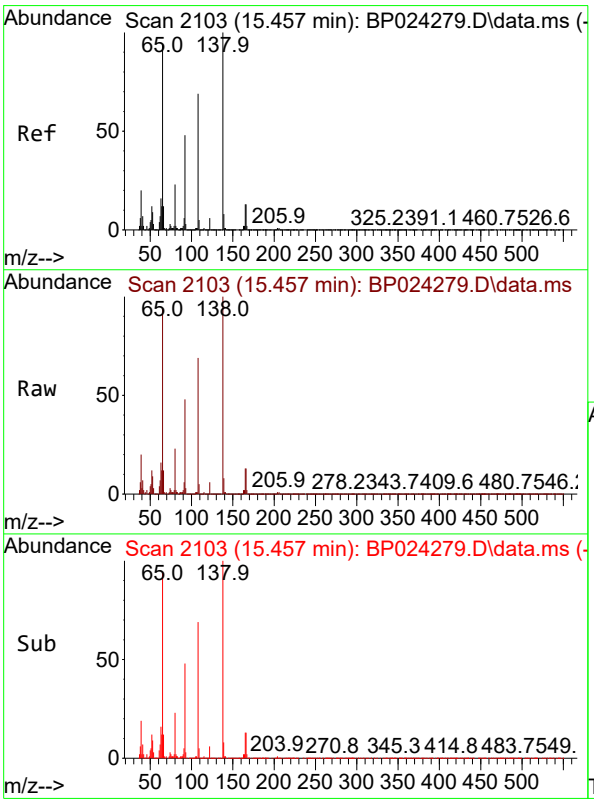
#61
4-Chlorophenyl-phenylether
Concen: 40.226 ng
RT: 15.428 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 894350

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	61.7	49.4	74.0

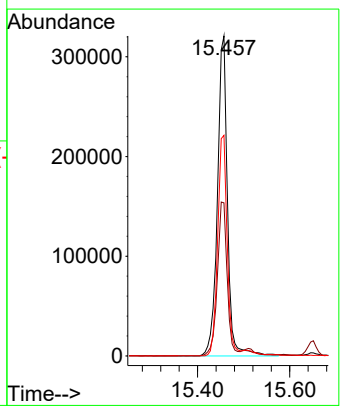


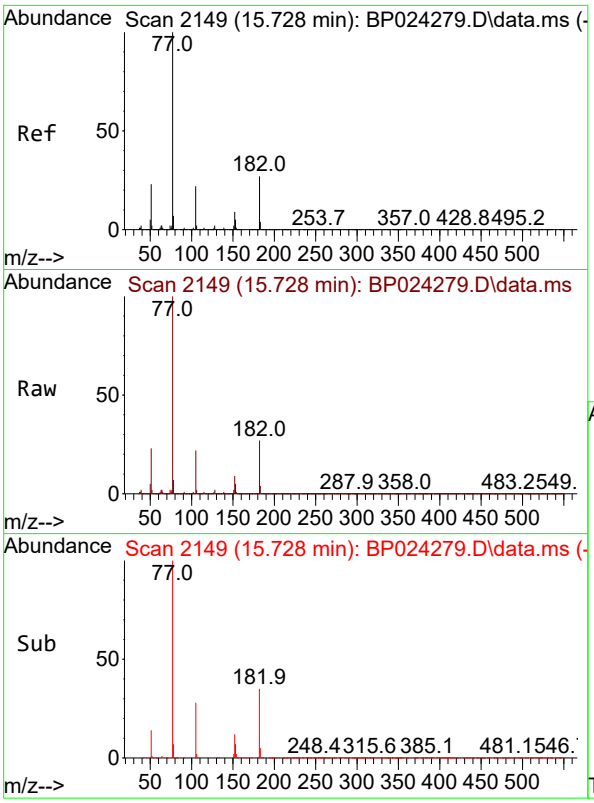


#62
4-Nitroaniline
Concen: 43.693 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:138 Resp: 485622

Ion	Ratio	Lower	Upper
138	100		
92	47.8	27.8	67.8
108	68.9	48.9	88.9



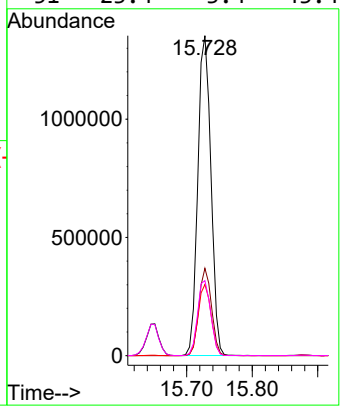


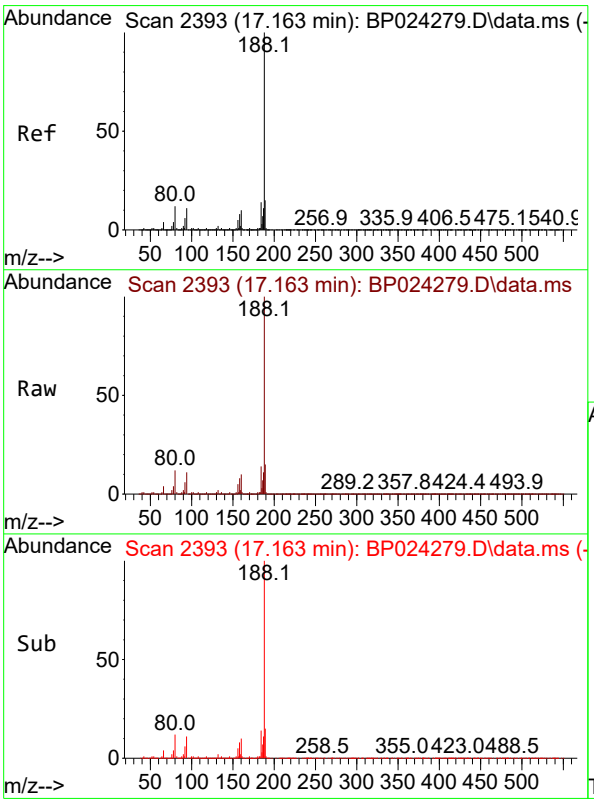
#63
Azobenzene
Concen: 41.392 ng
RT: 15.728 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1881773

Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	22.3	2.3	42.3
51	23.4	3.4	43.4

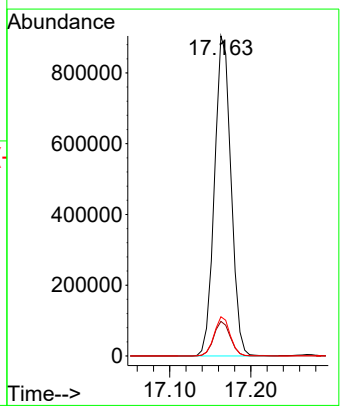


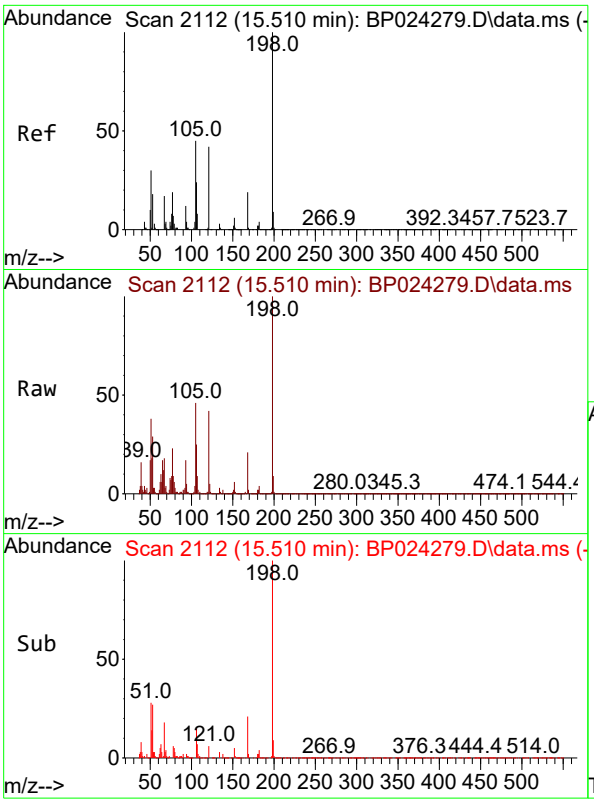


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:188 Resp: 1277198

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	12.2	9.8	14.6



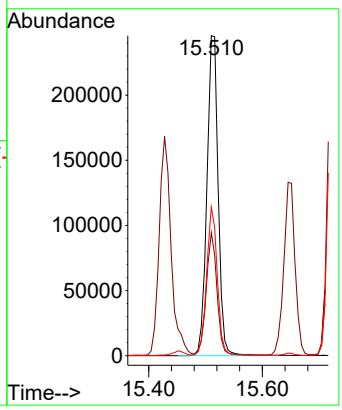


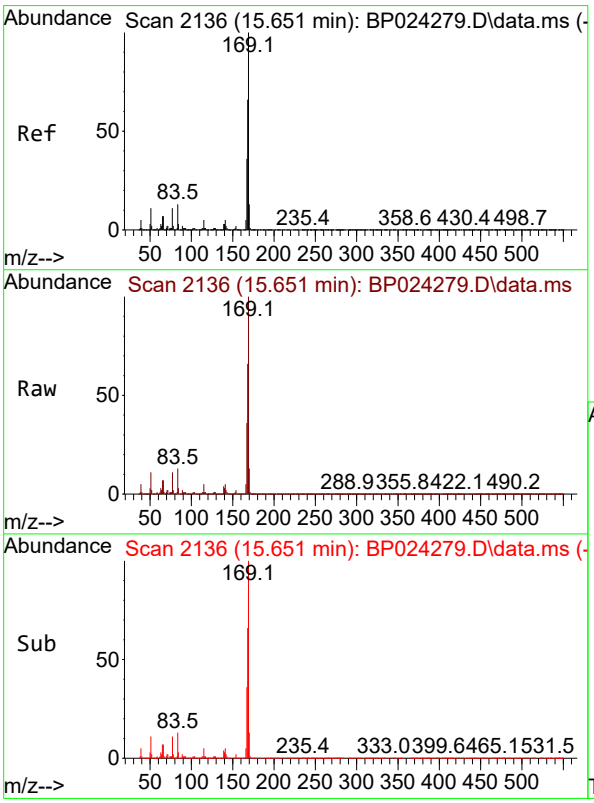
#65
4,6-Dinitro-2-methylphenol
Concen: 44.938 ng
RT: 15.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 335347

Ion	Ratio	Lower	Upper
198	100		
51	38.4	18.4	58.4
105	46.5	26.5	66.5

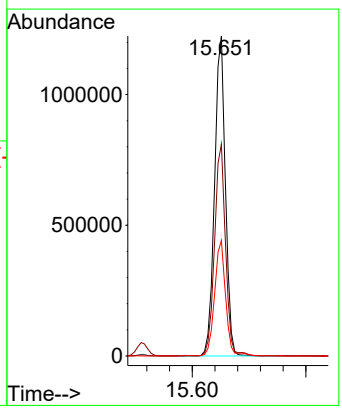


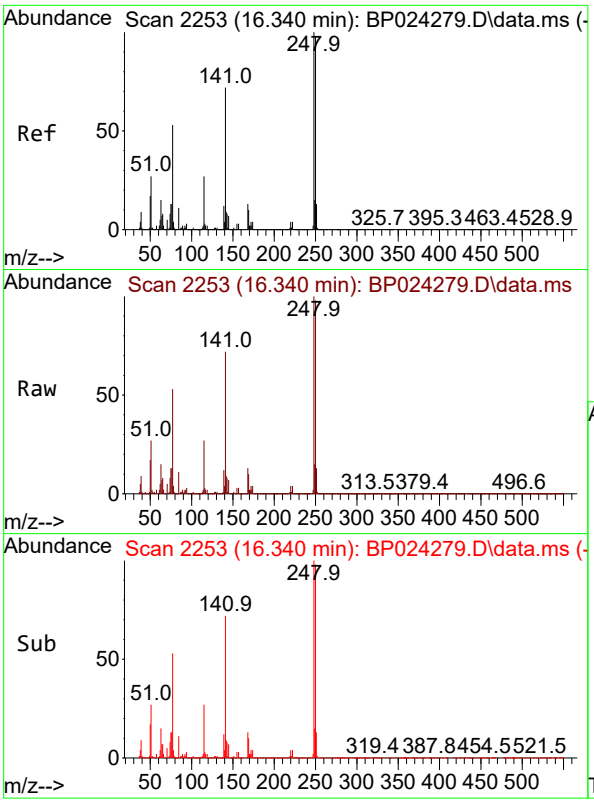


#66
n-Nitrosodiphenylamine
Concen: 42.021 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:169 Resp: 1609251

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.4
167	36.1	28.9	43.3



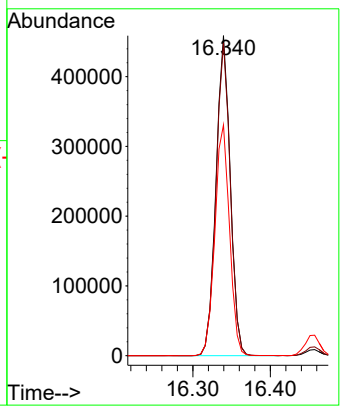


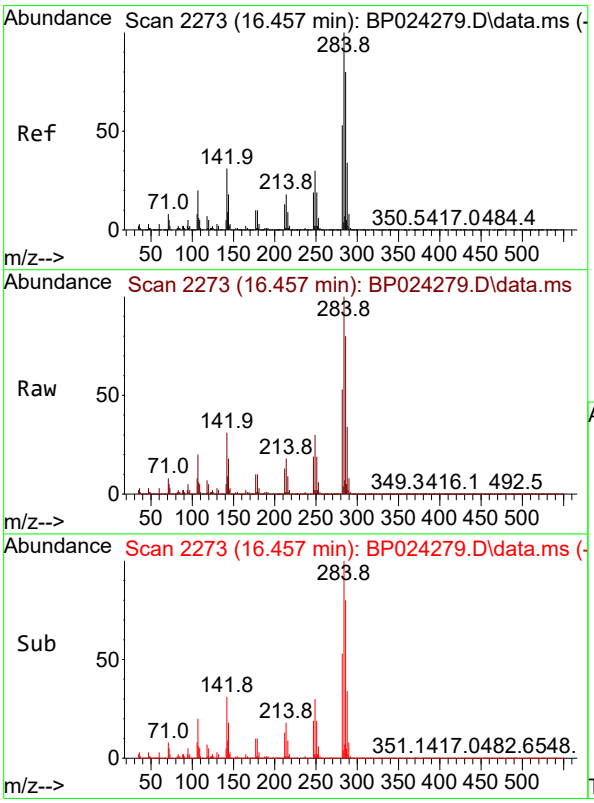
#67
4-Bromophenyl-phenylether
Concen: 42.165 ng
RT: 16.340 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 587416

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.2	117.4
141	72.1	57.7	86.5

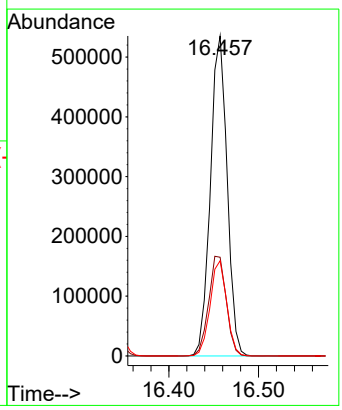


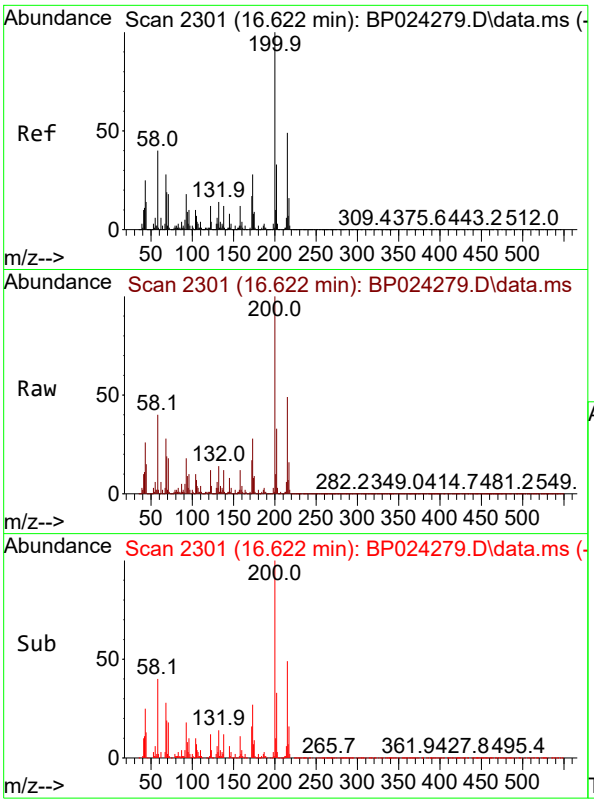


#68
Hexachlorobenzene
Concen: 41.815 ng
RT: 16.457 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:284 Resp: 692546

Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.6	37.0
249	29.7	23.8	35.6



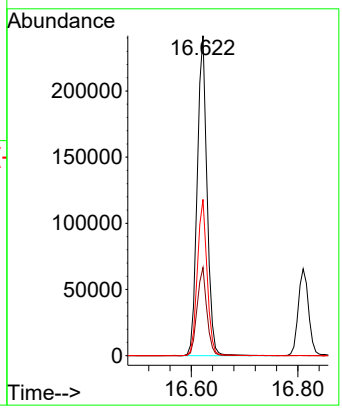


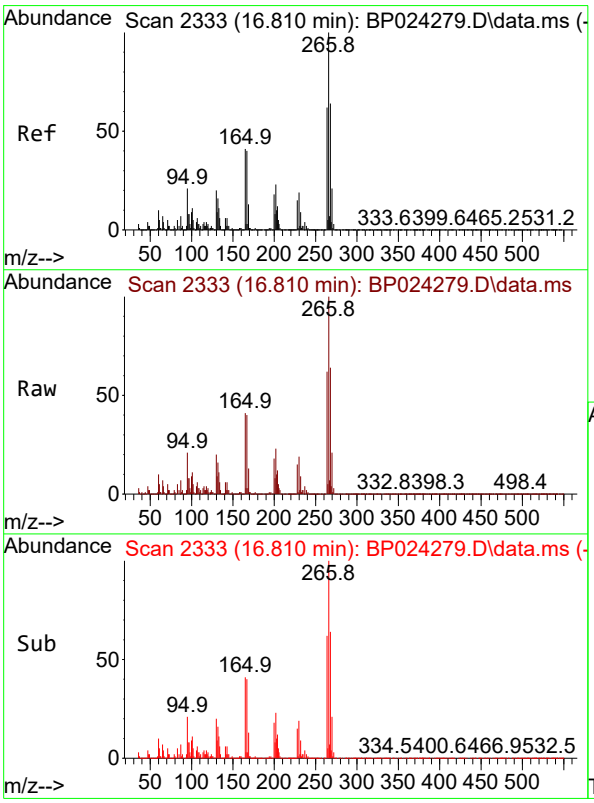
#69
Atrazine
Concen: 31.786 ng
RT: 16.622 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 308618

Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.5	47.5
215	48.8	28.8	68.8

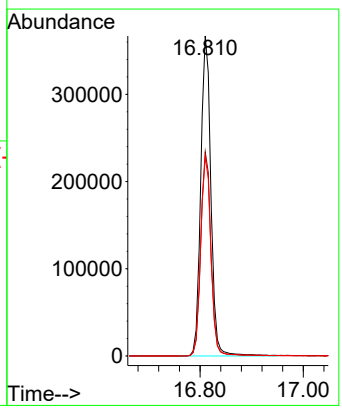


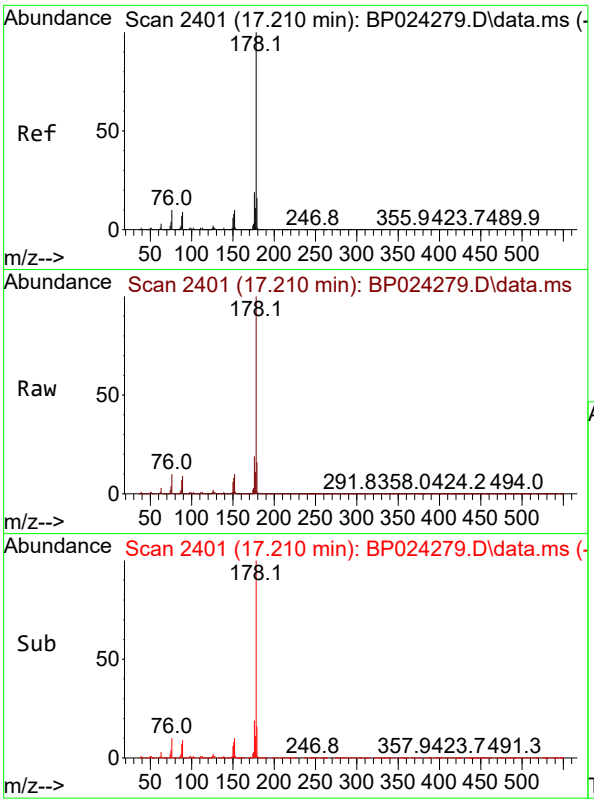


#70
Pentachlorophenol
Concen: 43.955 ng
RT: 16.810 min Scan# 2333
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:266 Resp: 499858

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.0	76.6
264	62.2	49.8	74.6



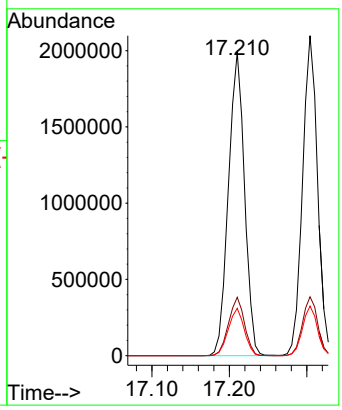


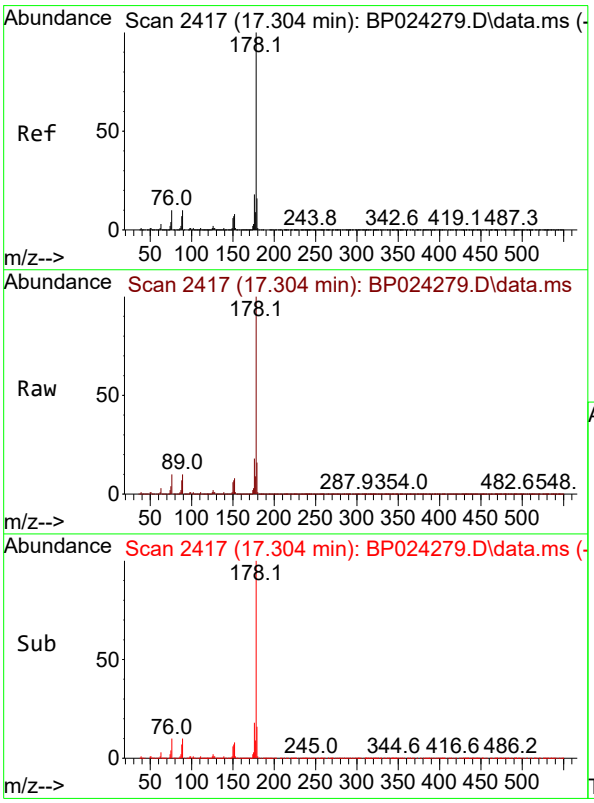
#71
Phenanthrene
Concen: 41.121 ng
RT: 17.210 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 2879498

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.5	18.7

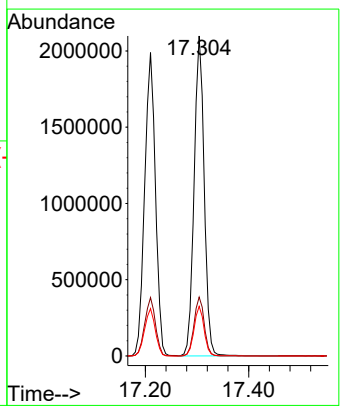


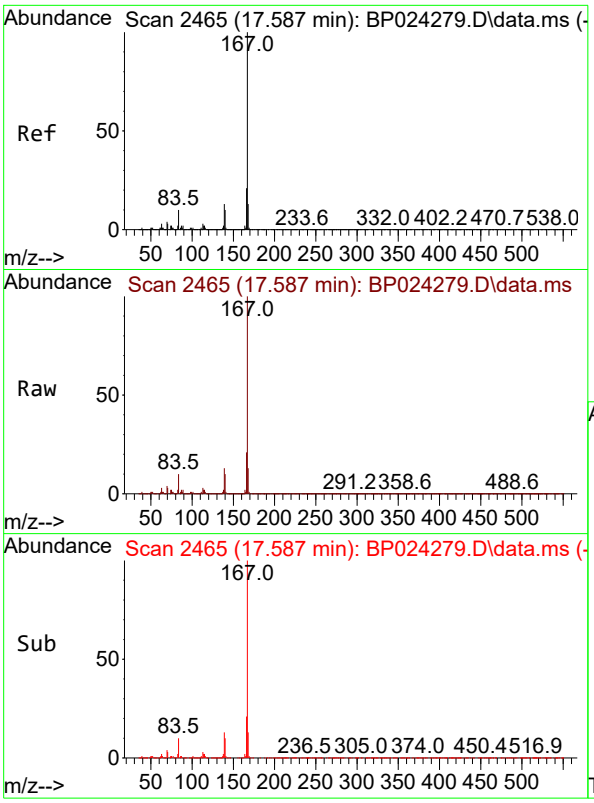


#72
Anthracene
Concen: 42.130 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:178 Resp: 2838724

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.5	12.4	18.6



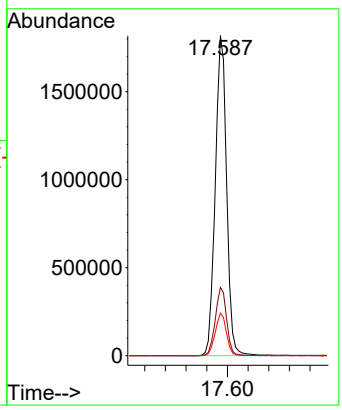


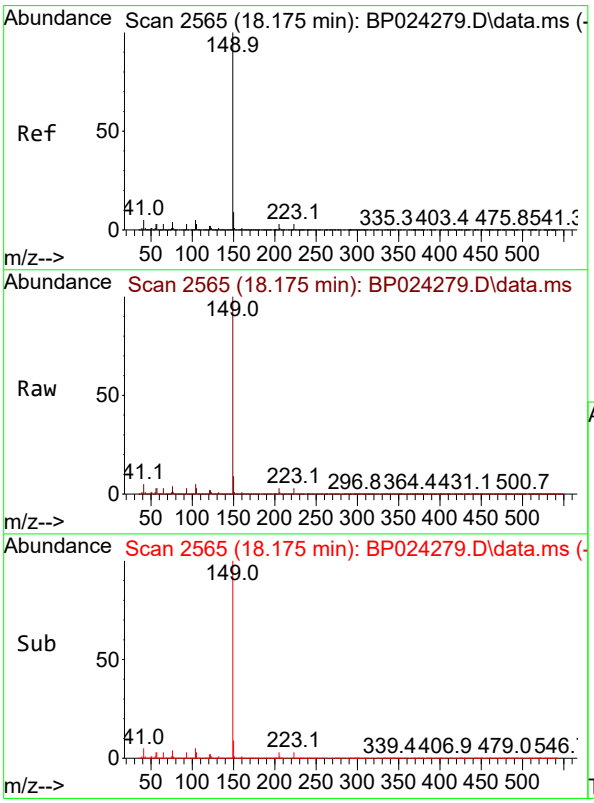
#73
Carbazole
Concen: 42.242 ng
RT: 17.587 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 2770072

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.3	10.6	16.0

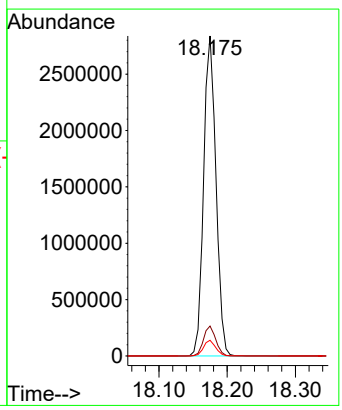


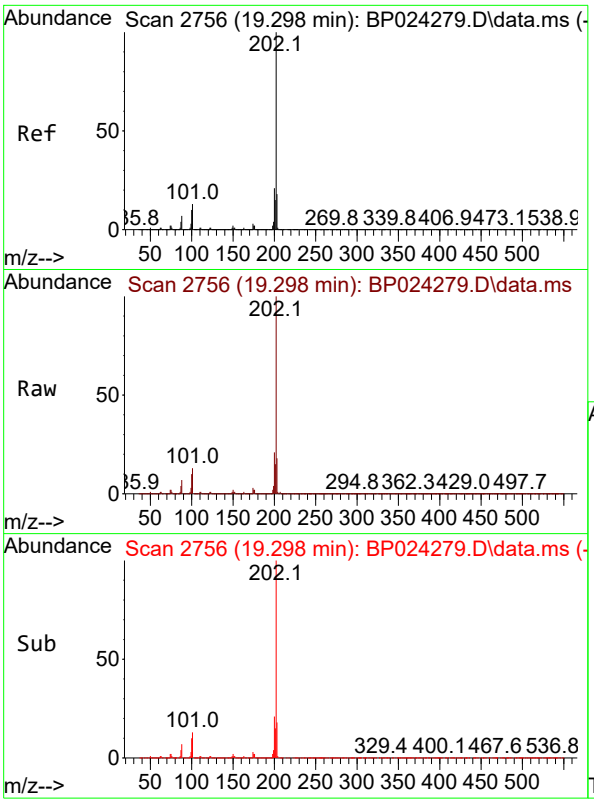


#74
Di-n-butylphthalate
Concen: 43.708 ng
RT: 18.175 min Scan# 2565
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:149 Resp: 3571220

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.9	3.9	5.9



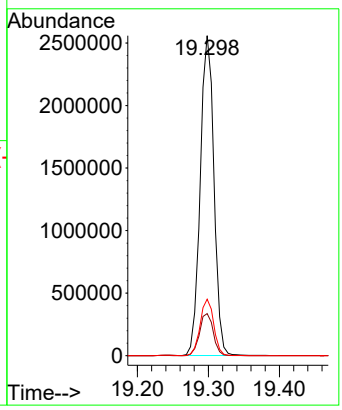


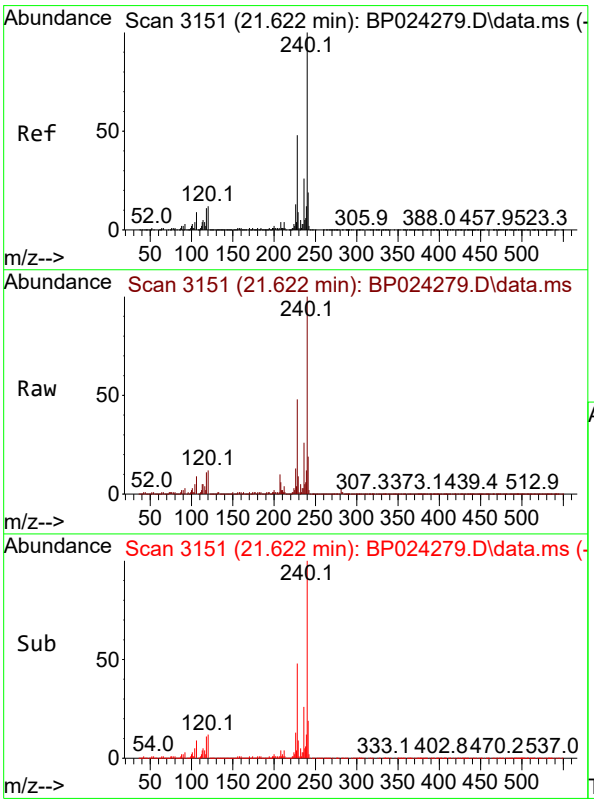
#75
Fluoranthene
Concen: 41.404 ng
RT: 19.298 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 3441282

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.7	0.0	37.7

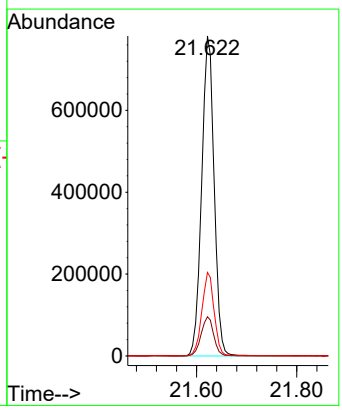


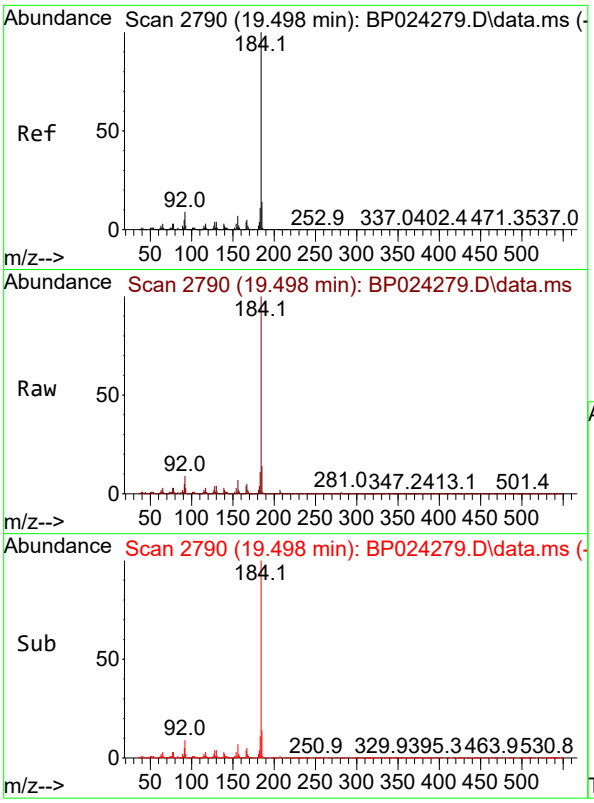


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:240 Resp: 1349860

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.8	14.8
236	26.1	20.9	31.3



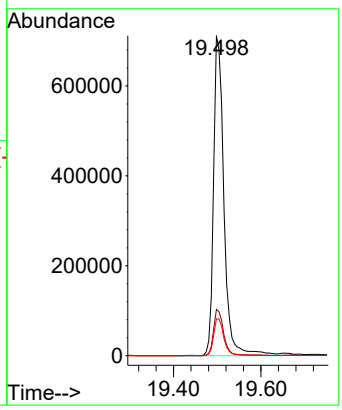


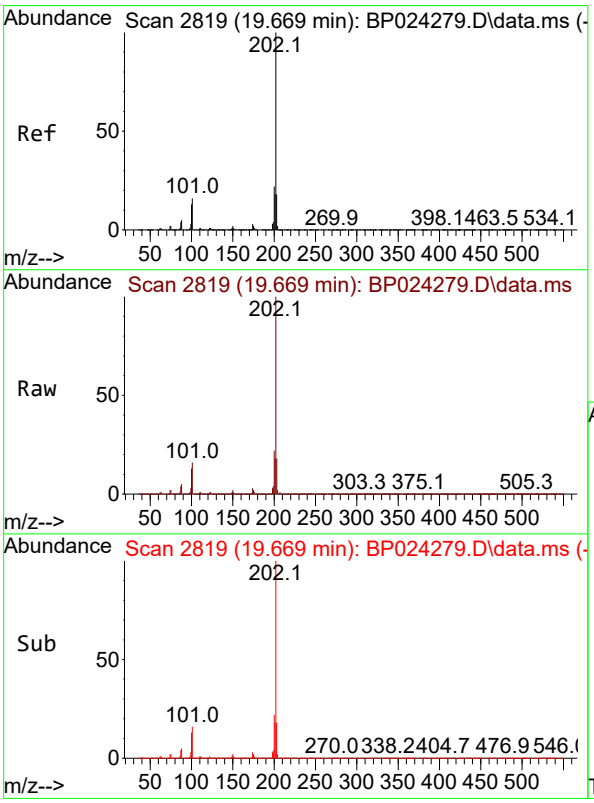
#77
Benzidine
Concen: 70.714 ng
RT: 19.498 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 1178258

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.6	17.4
183	11.5	9.2	13.8

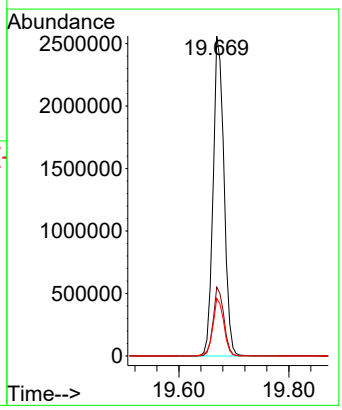


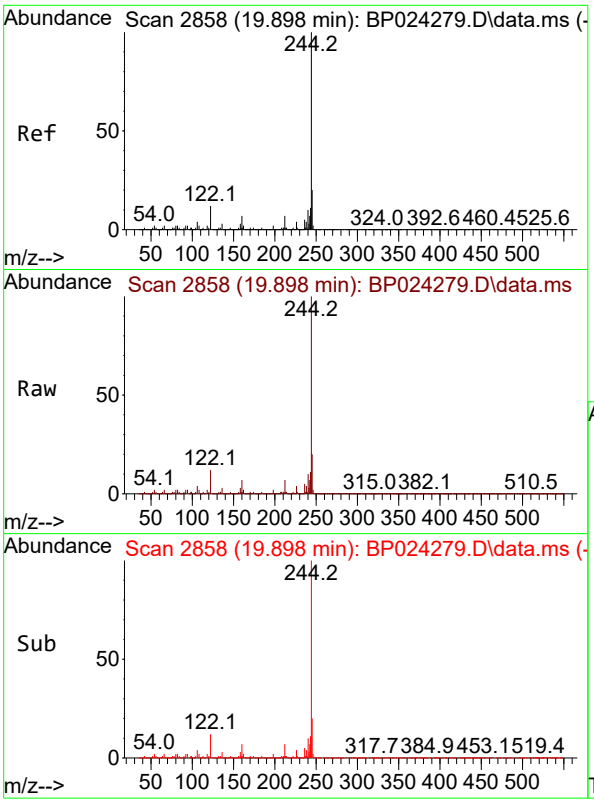


#78
Pyrene
Concen: 40.790 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:202 Resp: 3523104

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	18.0	14.4	21.6



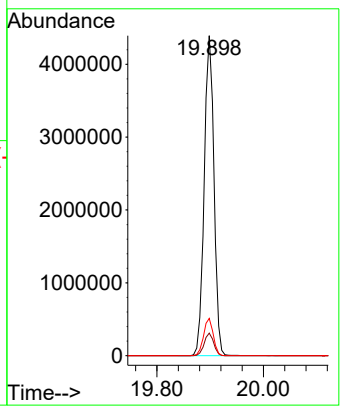


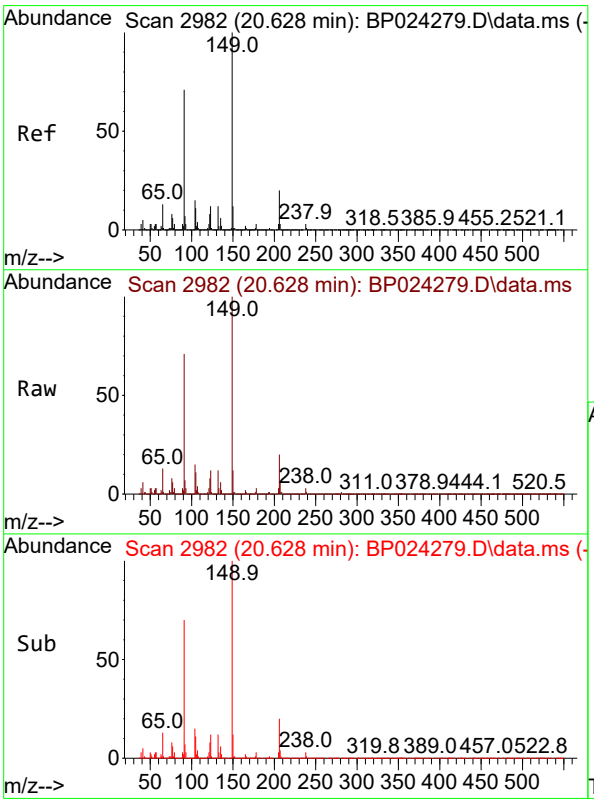
#79
Terphenyl-d14
Concen: 82.266 ng
RT: 19.898 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 5570563

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.7	9.4	14.0

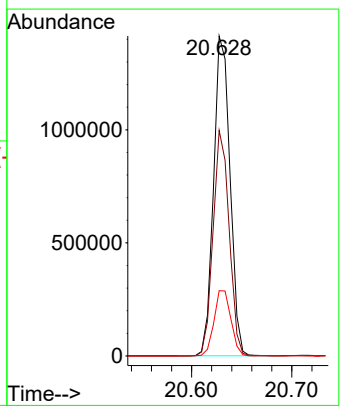


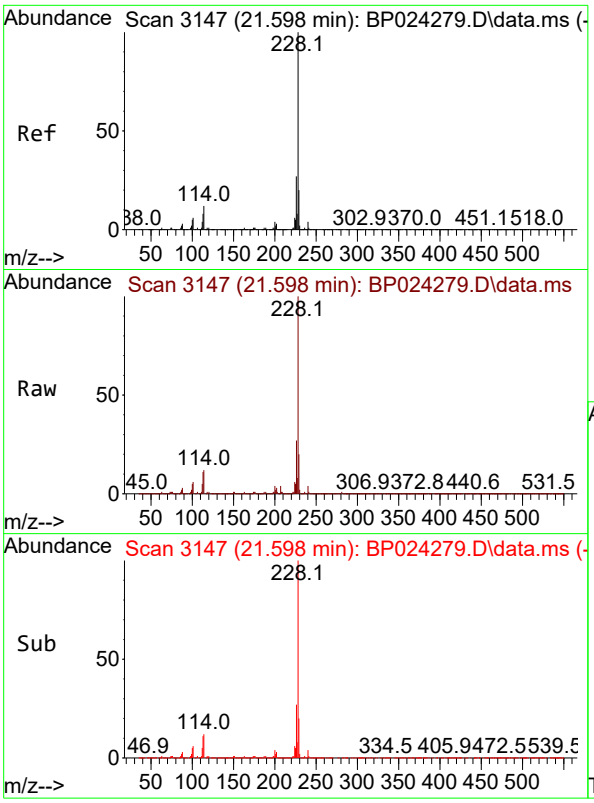


#80
Butylbenzylphthalate
Concen: 44.158 ng
RT: 20.628 min Scan# 2982
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:149 Resp: 1607881

Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.4	84.6
206	20.4	16.3	24.5



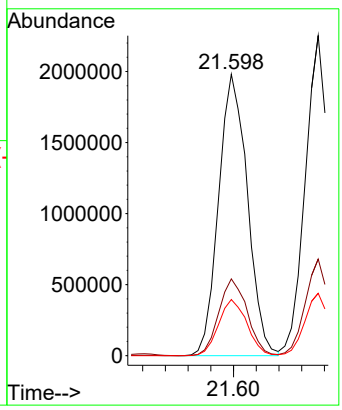


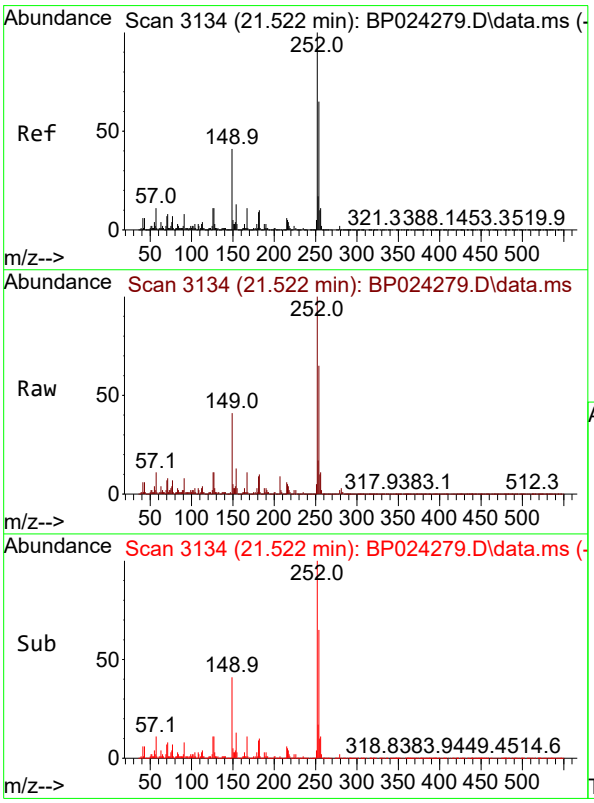
#81
Benzo(a)anthracene
Concen: 41.472 ng
RT: 21.598 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 3489938

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.9	15.9	23.9

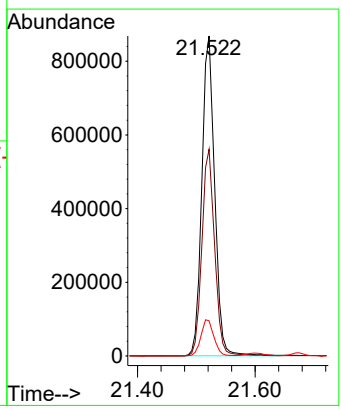


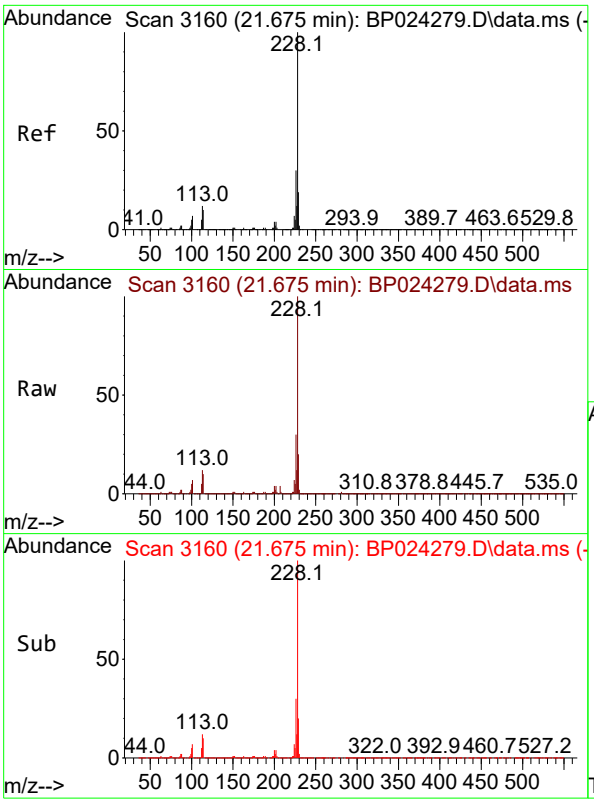


#82
3,3'-Dichlorobenzidine
Concen: 44.953 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:252 Resp: 1311770

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.0	8.8	13.2



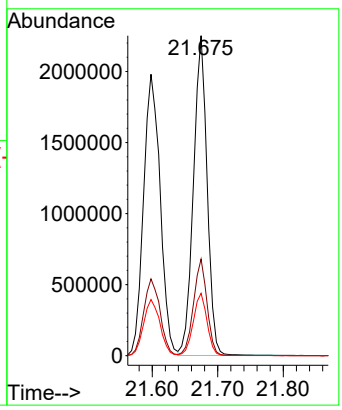


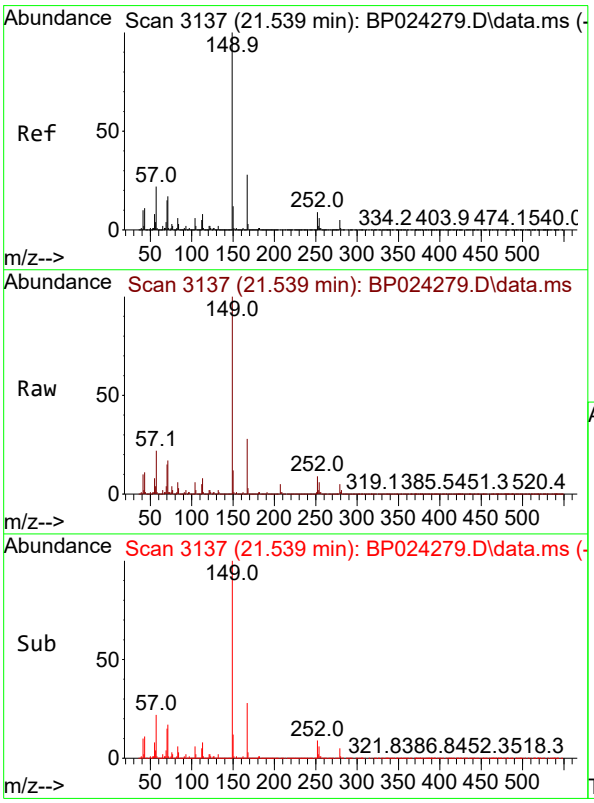
#83
Chrysene
Concen: 40.596 ng
RT: 21.675 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 3274153

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.5	15.6	23.4

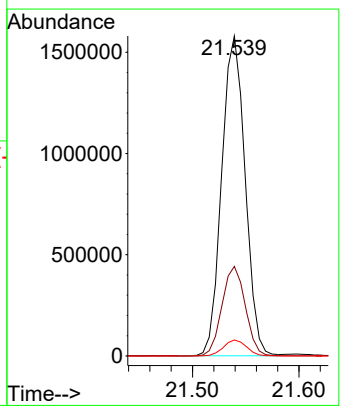


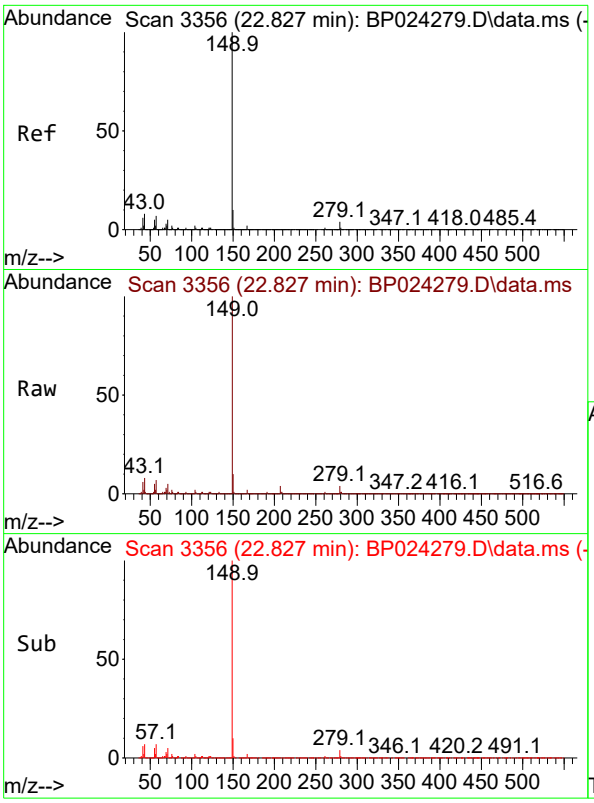


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.979 ng
RT: 21.539 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:149 Resp: 2411998

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	5.0	4.0	6.0



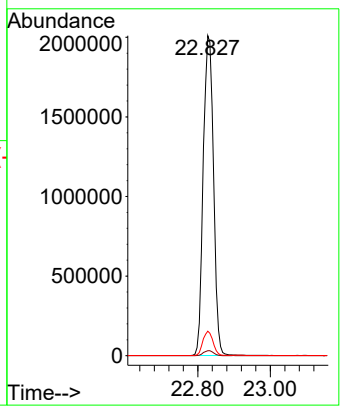


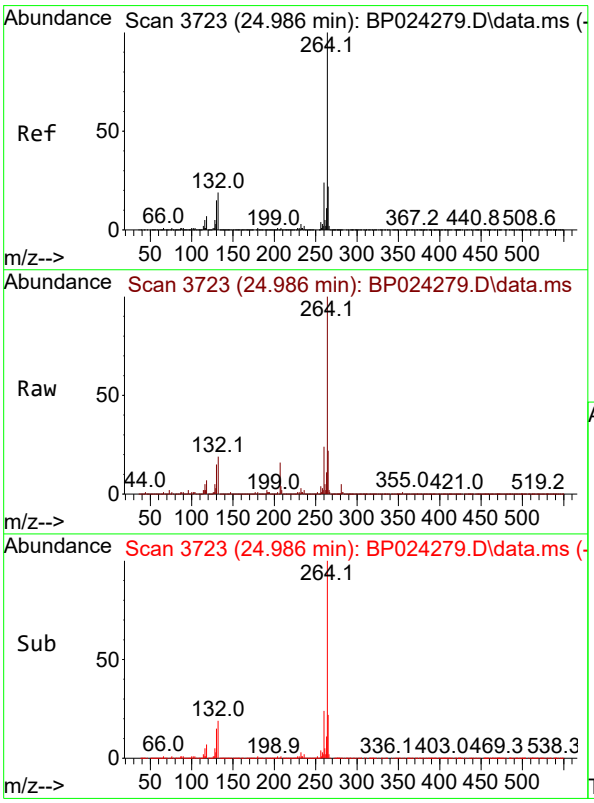
#85
Di-n-octyl phthalate
Concen: 45.913 ng
RT: 22.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 3943939

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.5	6.0	9.0

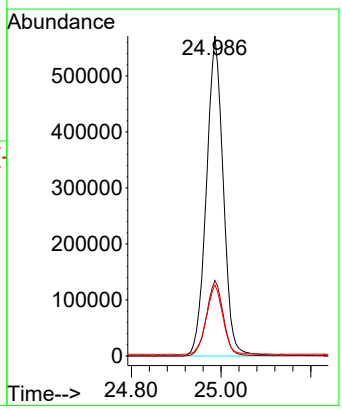


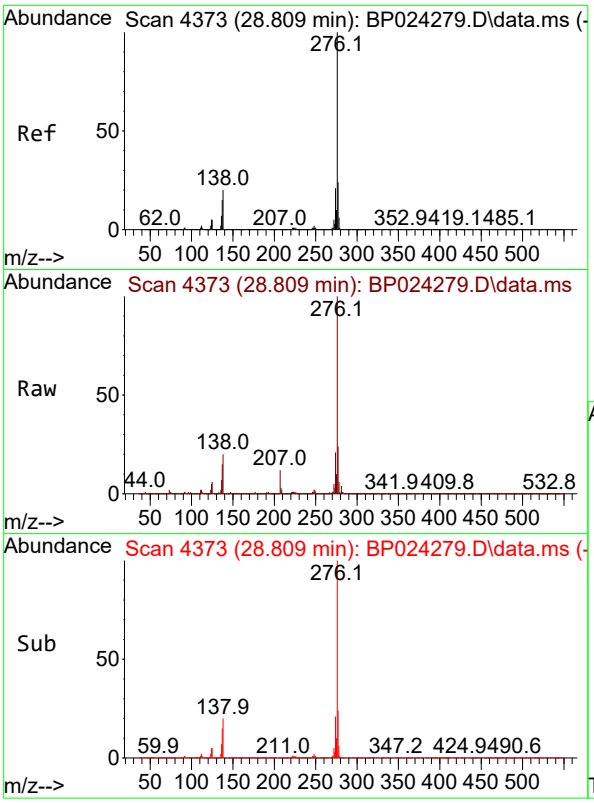


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3723
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:264 Resp: 1485135

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.2	17.8	26.6



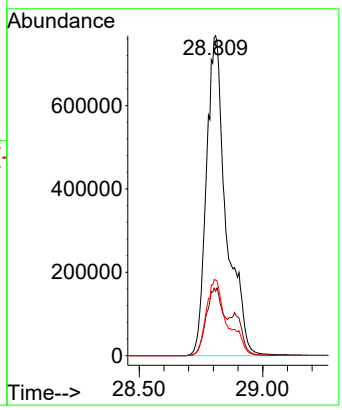


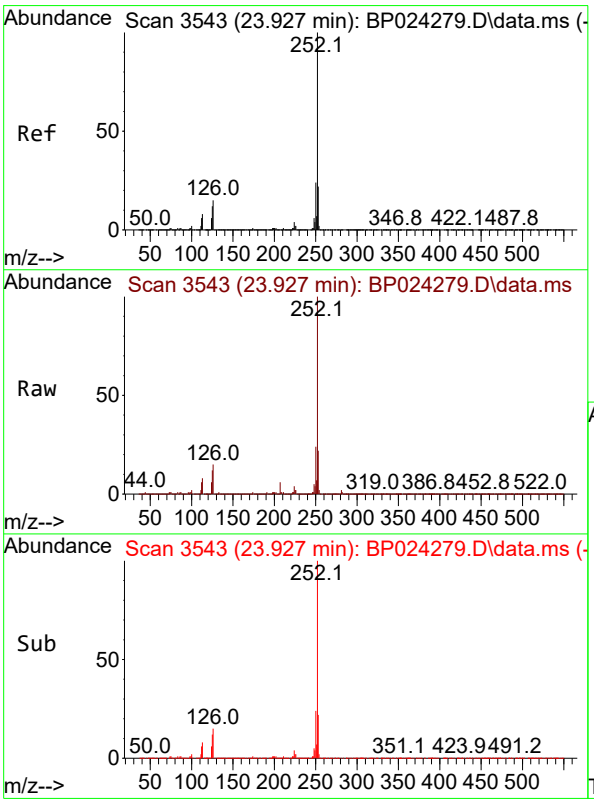
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.987 ng
RT: 28.809 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 4288630

Ion	Ratio	Lower	Upper
276	100		
138	18.1	14.5	21.7
277	25.2	20.2	30.2

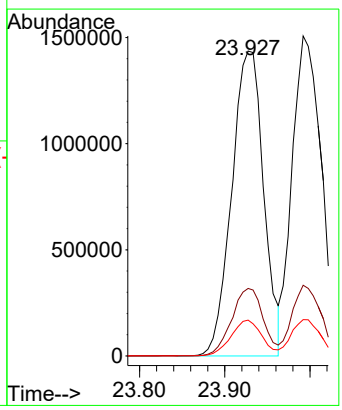


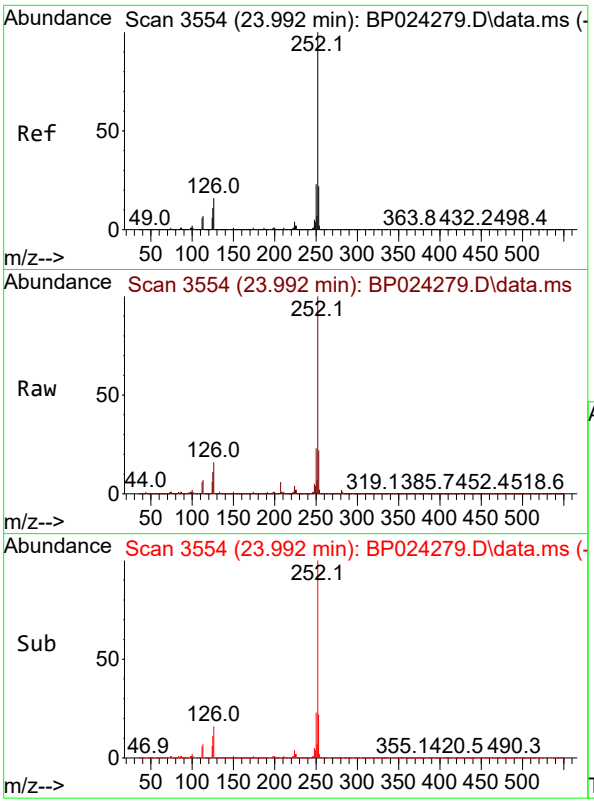


#88
Benzo(b)fluoranthene
Concen: 42.058 ng
RT: 23.927 min Scan# 3543
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:252 Resp: 3737035

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.7	9.4	14.0



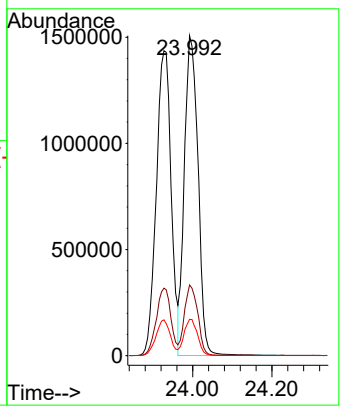


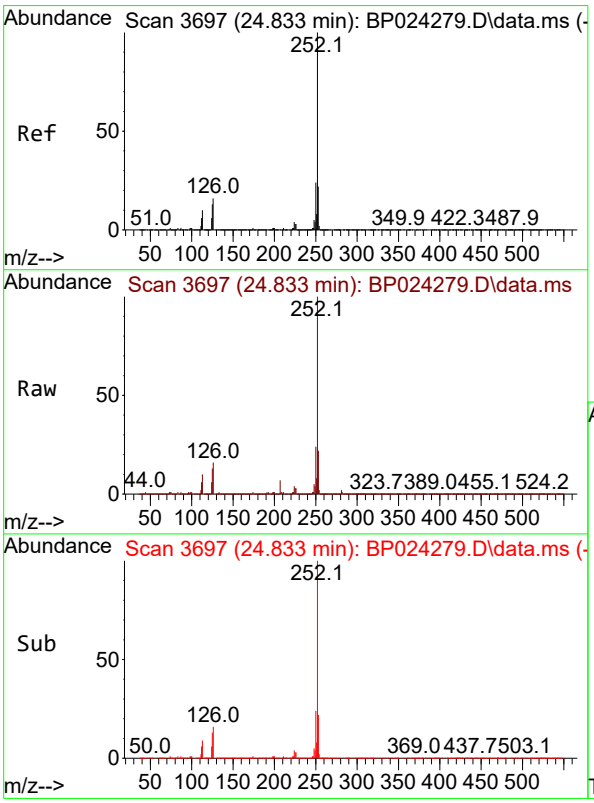
#89
Benzo(k)fluoranthene
Concen: 41.753 ng
RT: 23.992 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 3600626

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.4	9.1	13.7

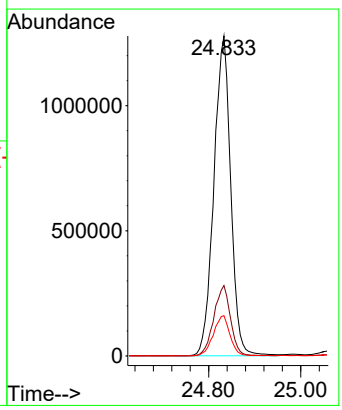


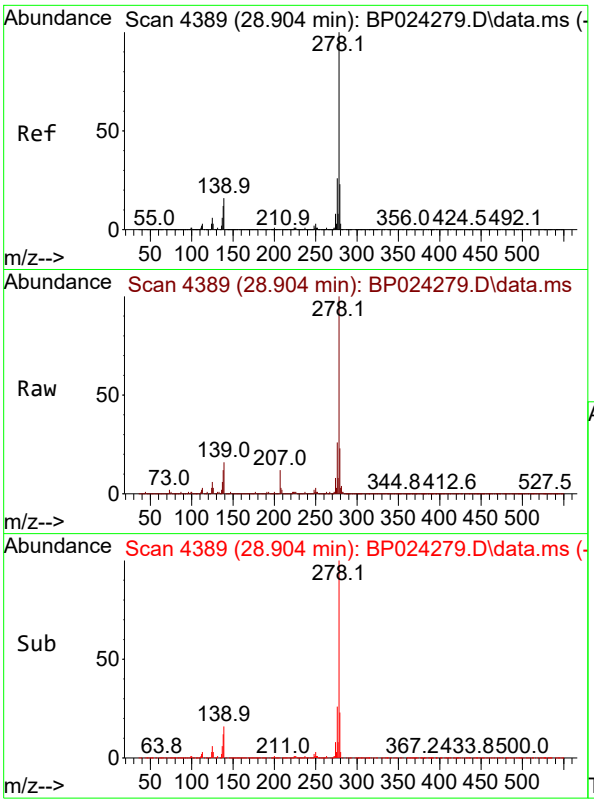


#90
Benzo(a)pyrene
Concen: 42.369 ng
RT: 24.833 min Scan# 3697
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:252 Resp: 3240684

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	12.6	10.1	15.1



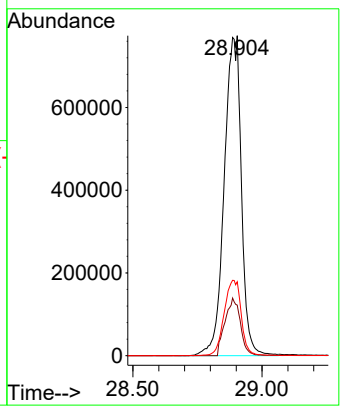


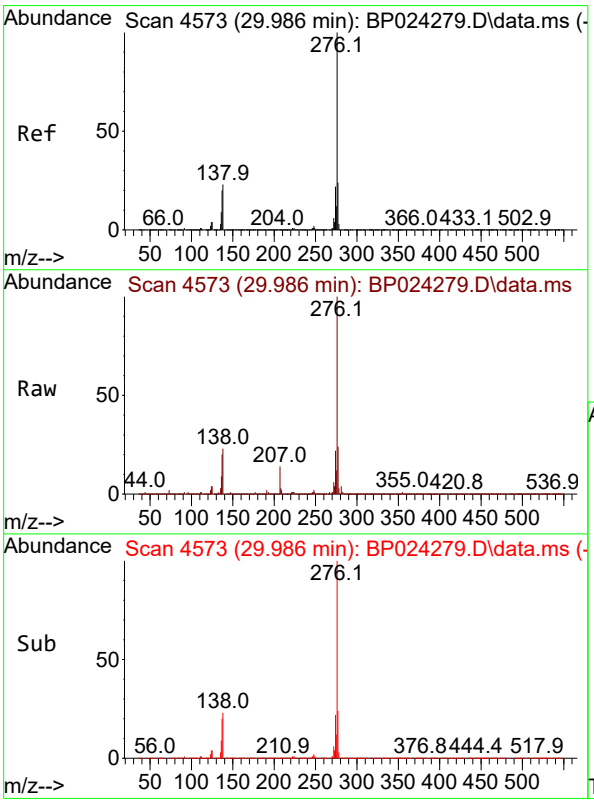
#91
Dibenzo(a,h)anthracene
Concen: 42.061 ng
RT: 28.904 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 3573562

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	19.0
279	23.1	18.5	27.7

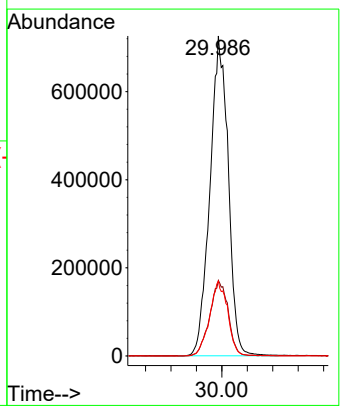




#92
Benzo(g,h,i)perylene
Concen: 41.826 ng
RT: 29.986 min Scan# 4573
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:276 Resp: 3617069

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	23.4	18.7	28.1



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024280.D
Acq On : 14 Apr 2025 15:10
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Apr 14 17:26:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	277364	20.000	ng		0.00
21) Naphthalene-d8	10.504	136	1176925	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	760235	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1505097	20.000	ng		0.00
76) Chrysene-d12	21.616	240	1527193	20.000	ng		0.00
86) Perylene-d12	24.986	264	1706545	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	1677842	99.834	ng		0.00
7) Phenol-d6	6.916	99	2353543	102.366	ng		0.00
23) Nitrobenzene-d5	8.881	82	2100100	101.588	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	1098486	105.521	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	4800845	95.877	ng		0.00
79) Terphenyl-d14	19.898	244	7671902	100.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	333474	46.479	ng		100
3) Pyridine	3.687	79	924382m	49.495	ng		
4) n-Nitrosodimethylamine	3.593	42	306279	49.180	ng		99
6) Aniline	7.075	93	972988	46.879	ng		100
8) 2-Chlorophenol	7.310	128	942078	50.160	ng		99
9) Benzaldehyde	6.887	77	507606	42.627	ng		97
10) Phenol	6.946	94	1177623	51.012	ng		99
11) bis(2-Chloroethyl)ether	7.163	93	915679	49.085	ng		100
12) 1,3-Dichlorobenzene	7.622	146	972089	47.770	ng		100
13) 1,4-Dichlorobenzene	7.769	146	995872	48.262	ng		99
14) 1,2-Dichlorobenzene	8.087	146	944314	47.327	ng		99
15) Benzyl Alcohol	7.975	79	791998	53.745	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	973910	47.988	ng		99
17) 2-Methylphenol	8.175	107	766536	51.526	ng		100
18) Hexachloroethane	8.805	117	360999	48.472	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	722064	50.562	ng		98
20) 3+4-Methylphenols	8.505	107	1086273	52.718	ng		99
22) Acetophenone	8.546	105	1441728	49.289	ng	#	99
24) Nitrobenzene	8.922	77	1025983	50.074	ng		99
25) Isophorone	9.446	82	1913172	51.264	ng		99
26) 2-Nitrophenol	9.622	139	541332	55.024	ng		98
27) 2,4-Dimethylphenol	9.687	122	662183	53.106	ng		99
28) bis(2-Chloroethoxy)met...	9.922	93	1265001	49.803	ng		100
29) 2,4-Dichlorophenol	10.157	162	904519	53.225	ng		100
30) 1,2,4-Trichlorobenzene	10.369	180	908732	49.426	ng		98
31) Naphthalene	10.557	128	3049887	48.957	ng		100
32) Benzoic acid	9.851	122	794832	58.988	ng		99
33) 4-Chloroaniline	10.669	127	1110772	51.030	ng		99
34) Hexachlorobutadiene	10.840	225	533336	49.450	ng		99
35) Caprolactam	11.463	113	339834	54.466	ng		100
36) 4-Chloro-3-methylphenol	11.798	107	1046795	52.860	ng		99
37) 2-Methylnaphthalene	12.169	142	2156247	49.942	ng		99
38) 1-Methylnaphthalene	12.393	142	2095184	49.538	ng		99
40) 1,2,4,5-Tetrachloroben...	12.540	216	1034638	49.522	ng		99
41) Hexachlorocyclopentadiene	12.522	237	378578	51.614	ng		99
43) 2,4,6-Trichlorophenol	12.787	196	732902	53.315	ng		96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024280.D
Acq On : 14 Apr 2025 15:10
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Apr 14 17:26:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	814885	53.491	ng	98
46) 1,1'-Biphenyl	13.187	154	2725840	48.551	ng	99
47) 2-Chloronaphthalene	13.234	162	2062098	49.220	ng	100
48) 2-Nitroaniline	13.434	65	616599	53.282	ng	98
49) Acenaphthylene	14.081	152	3279666	49.877	ng	100
50) Dimethylphthalate	13.822	163	2775759	50.046	ng	100
51) 2,6-Dinitrotoluene	13.934	165	606525	51.903	ng	98
52) Acenaphthene	14.428	154	2054333	49.128	ng	100
53) 3-Nitroaniline	14.275	138	649071	53.536	ng	98
54) 2,4-Dinitrophenol	14.481	184	373165	59.640	ng	99
55) Dibenzofuran	14.769	168	3318798	48.392	ng	100
56) 4-Nitrophenol	14.592	139	581023	55.750	ng	97
57) 2,4-Dinitrotoluene	14.734	165	839701	53.160	ng	99
58) Fluorene	15.428	166	2599105	49.085	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	734741	52.128	ng	100
60) Diethylphthalate	15.204	149	2849294	49.914	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	1267291	49.287	ng	99
62) 4-Nitroaniline	15.451	138	691081	53.764	ng	96
63) Azobenzene	15.722	77	2632843	50.076	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	503765	57.285	ng	97
66) n-Nitrosodiphenylamine	15.645	169	2225475	49.312	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	827245	50.389	ng	99
68) Hexachlorobenzene	16.457	284	983768	50.405	ng	98
69) Atrazine	16.622	200	610479	53.356	ng	100
70) Pentachlorophenol	16.810	266	739779	55.203	ng	99
71) Phenanthrene	17.210	178	4024282	48.768	ng	100
72) Anthracene	17.298	178	3960913	49.883	ng	100
73) Carbazole	17.581	167	3814743	49.364	ng	100
74) Di-n-butylphthalate	18.180	149	4930617	51.208	ng	100
75) Fluoranthene	19.298	202	4815021	49.160	ng	99
77) Benzidine	19.498	184	1272924	67.525	ng	99
78) Pyrene	19.675	202	4942328	50.577	ng	100
80) Butylbenzylphthalate	20.627	149	2215843	53.788	ng	97
81) Benzo(a)anthracene	21.598	228	4711301	49.485	ng	99
82) 3,3'-Dichlorobenzidine	21.527	252	1768950	53.582	ng	99
83) Chrysene	21.669	228	4480150	49.099	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	3256722	53.679	ng	99
85) Di-n-octyl phthalate	22.821	149	5458484	56.166	ng	99
87) Indeno(1,2,3-cd)pyrene	28.792	276	5977144m	50.926	ng	
88) Benzo(b)fluoranthene	23.915	252	5102465	49.975	ng	99
89) Benzo(k)fluoranthene	23.986	252	4923203	49.683	ng	99
90) Benzo(a)pyrene	24.821	252	4490517	51.093	ng	100
91) Dibenzo(a,h)anthracene	28.880	278	4987219	51.084	ng	98
92) Benzo(g,h,i)perylene	29.980	276	5033807	50.656	ng	99

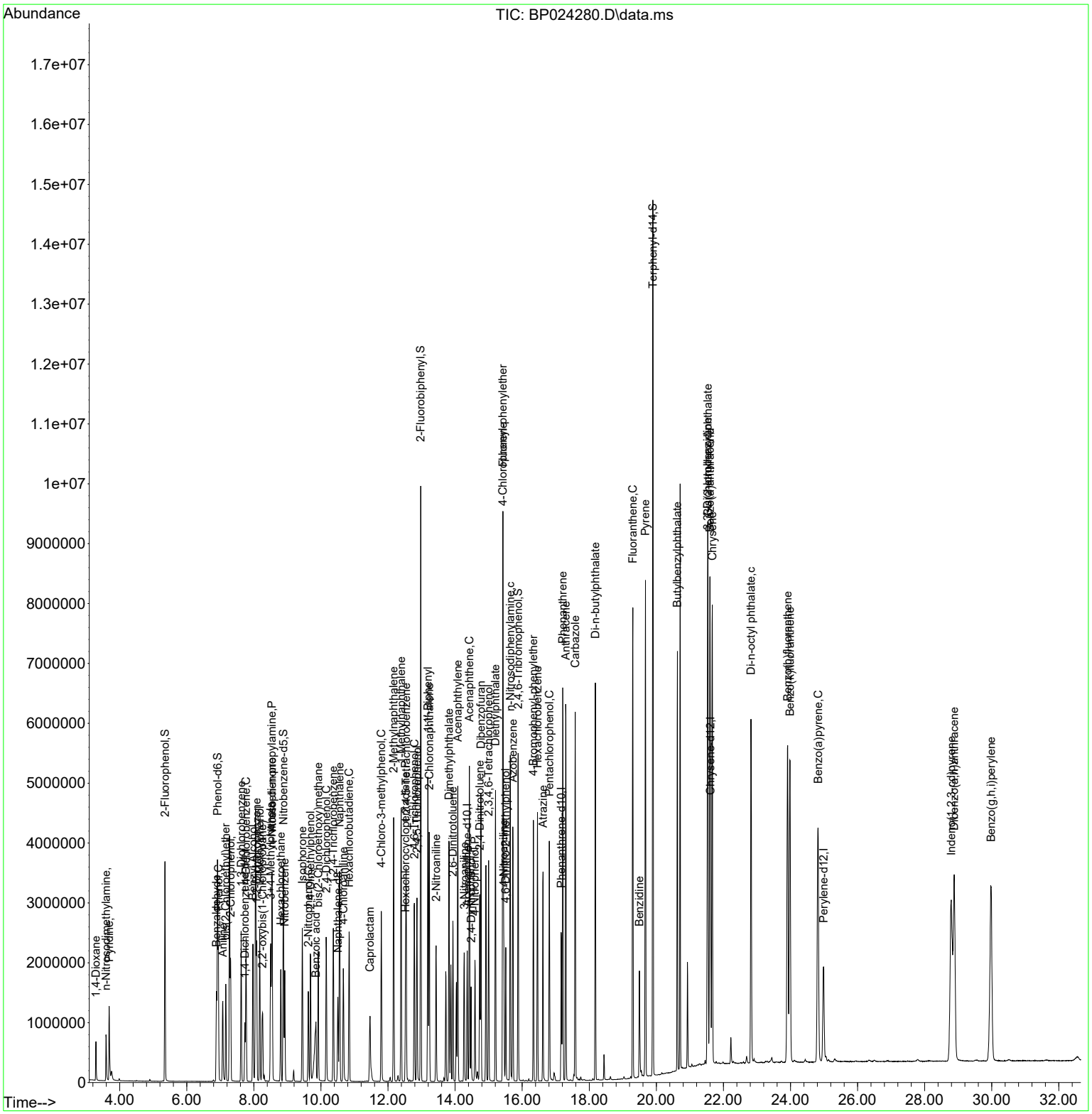
(#) = qualifier out of range (m) = manual integration (+) = signals summed

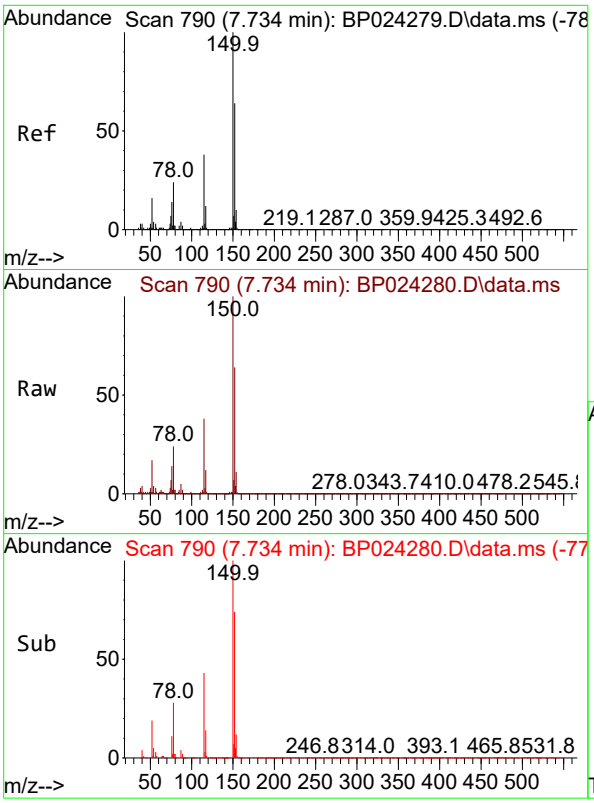
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024280.D
Acq On : 14 Apr 2025 15:10
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Apr 14 17:26:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



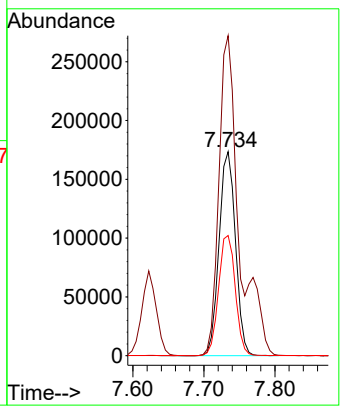


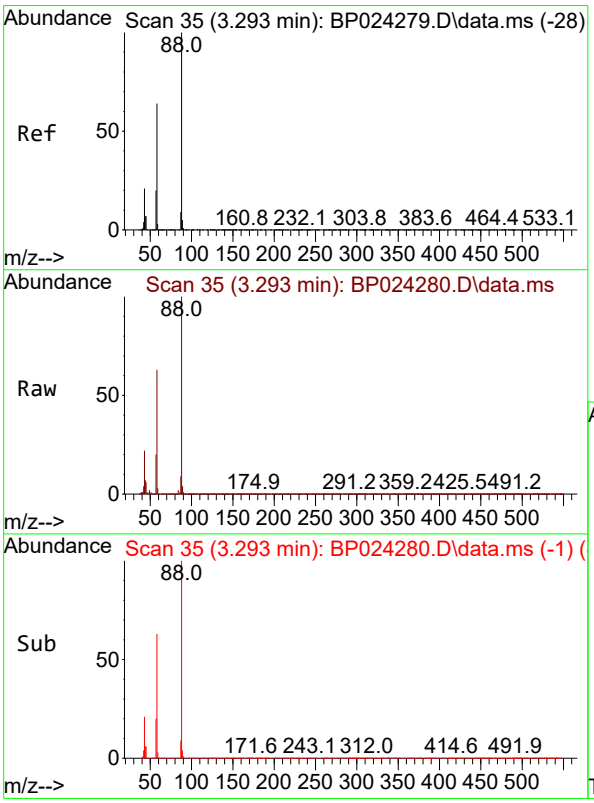
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 277364

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.9	187.3
115	58.9	47.7	71.5

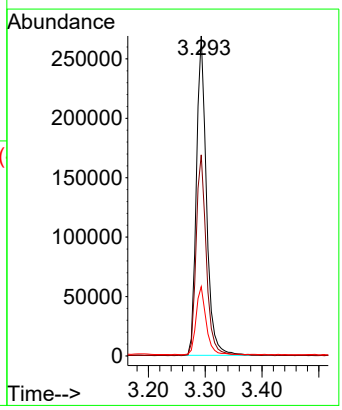


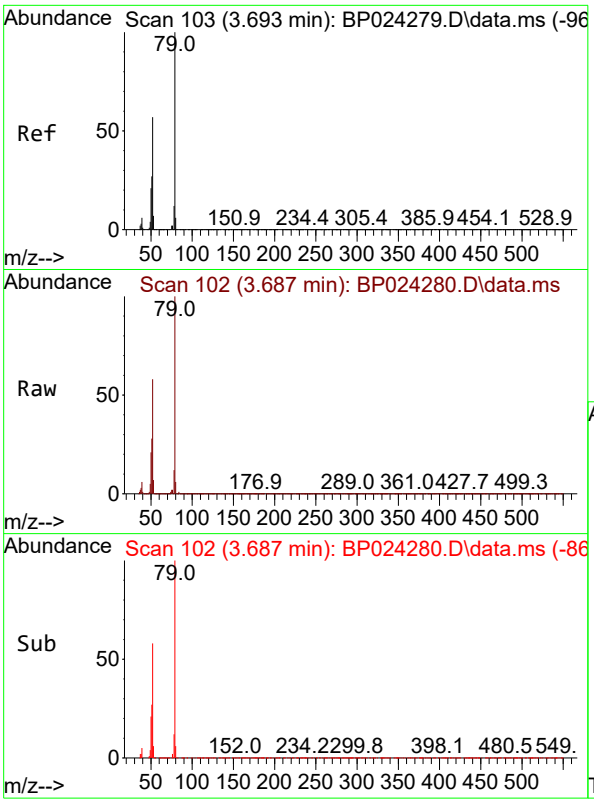


#2
1,4-Dioxane
Concen: 46.479 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 88 Resp: 333474

Ion	Ratio	Lower	Upper
88	100		
58	64.0	51.4	77.2
43	21.2	17.1	25.7



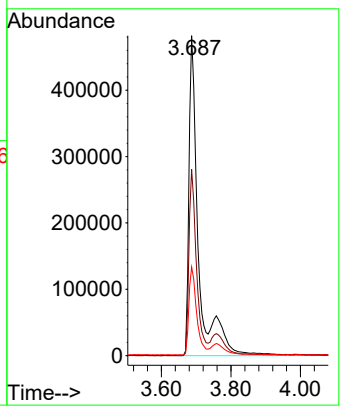


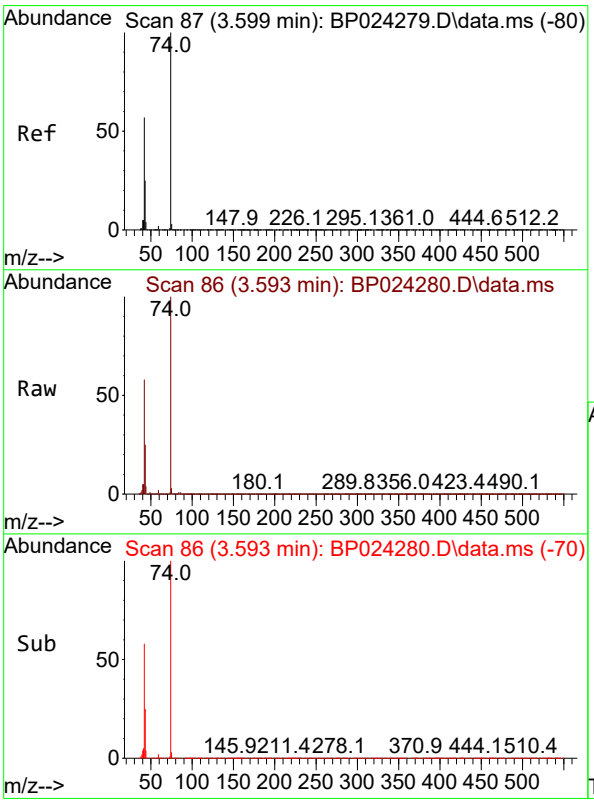
#3
Pyridine
Concen: 49.495 ng m
RT: 3.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 924382

Ion	Ratio	Lower	Upper
79	100		
52	58.2	45.4	68.2
51	27.7	22.6	33.8

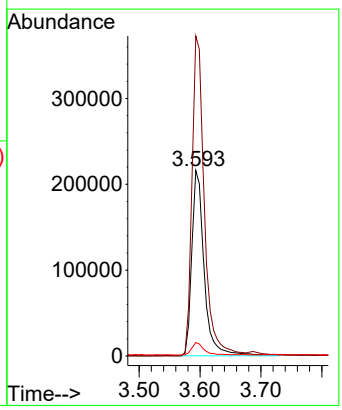


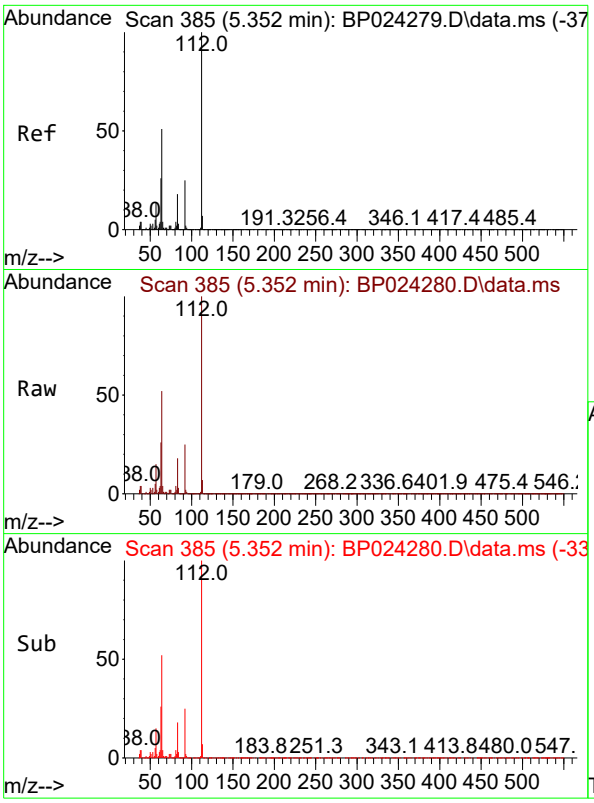


#4
n-Nitrosodimethylamine
Concen: 49.180 ng
RT: 3.593 min Scan# 86
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 42 Resp: 306279

Ion	Ratio	Lower	Upper
42	100		
74	172.6	139.5	209.3
44	7.3	5.8	8.8



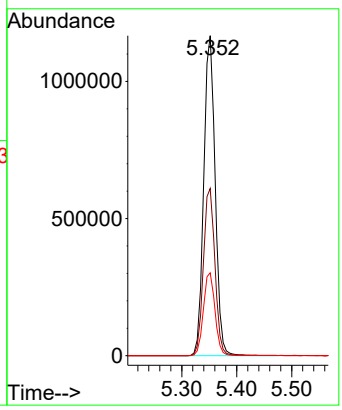


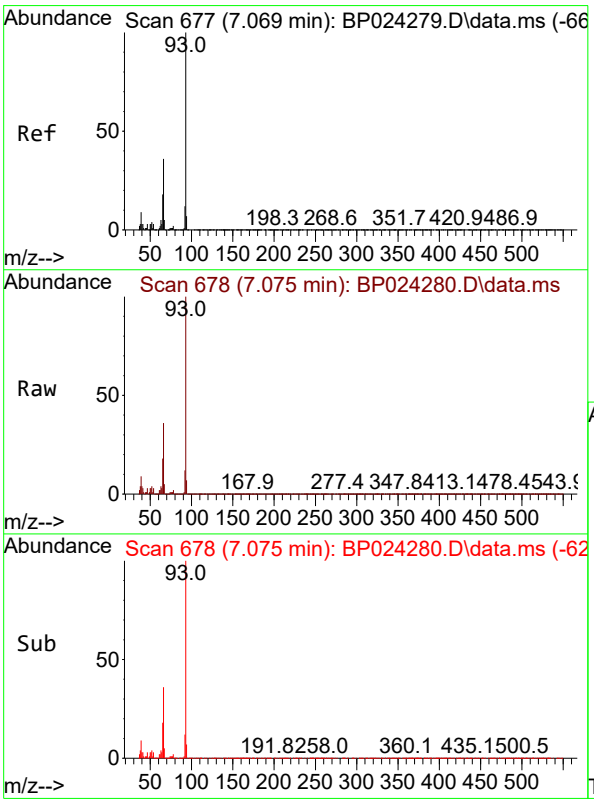
#5
2-Fluorophenol
Concen: 99.834 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 1677842

Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.1	61.7
63	25.9	20.6	30.8

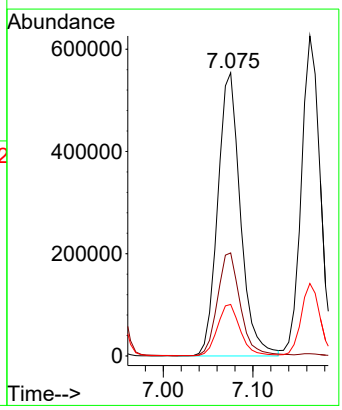


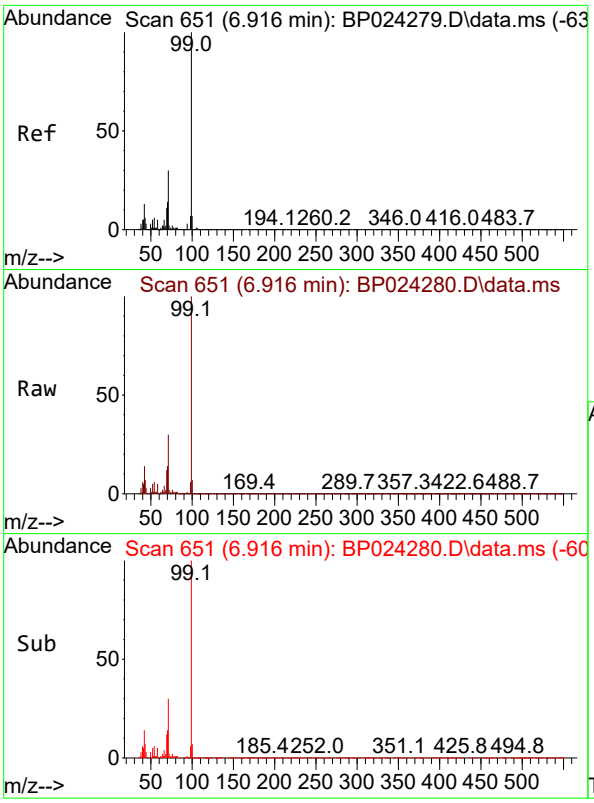


#6
Aniline
Concen: 46.879 ng
RT: 7.075 min Scan# 678
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 93 Resp: 972988

Ion	Ratio	Lower	Upper
93	100		
66	36.4	29.1	43.7
65	18.2	14.7	22.1



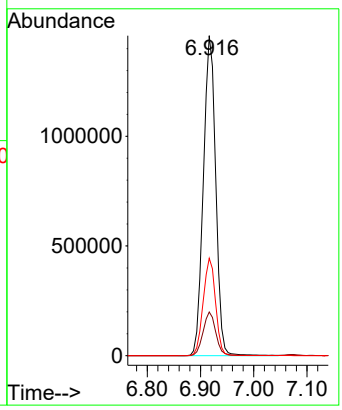


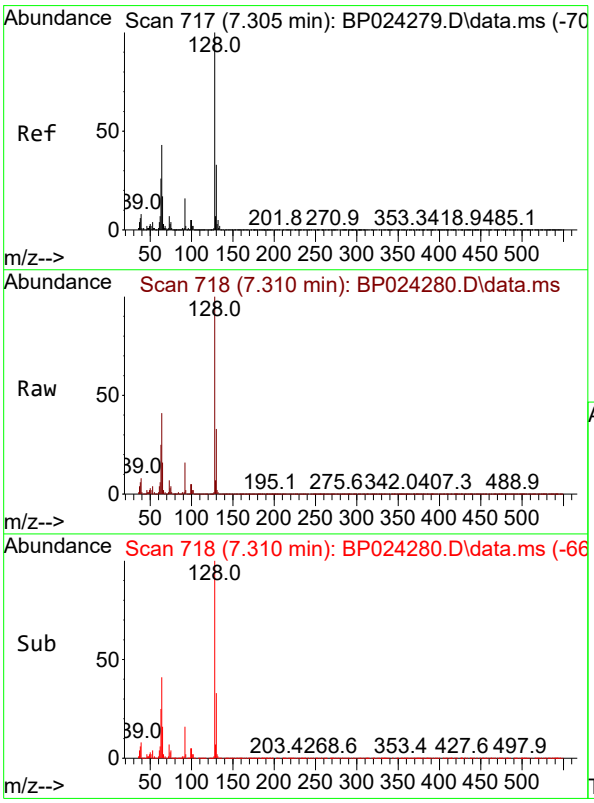
#7
Phenol-d6
Concen: 102.366 ng
RT: 6.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 2353543

Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.6	16.0
71	30.4	23.7	35.5

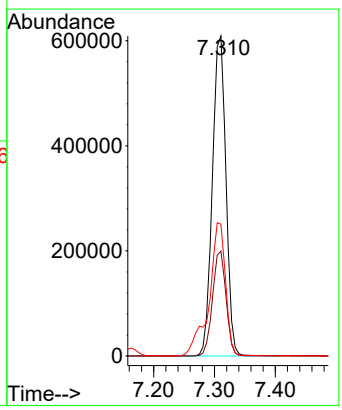


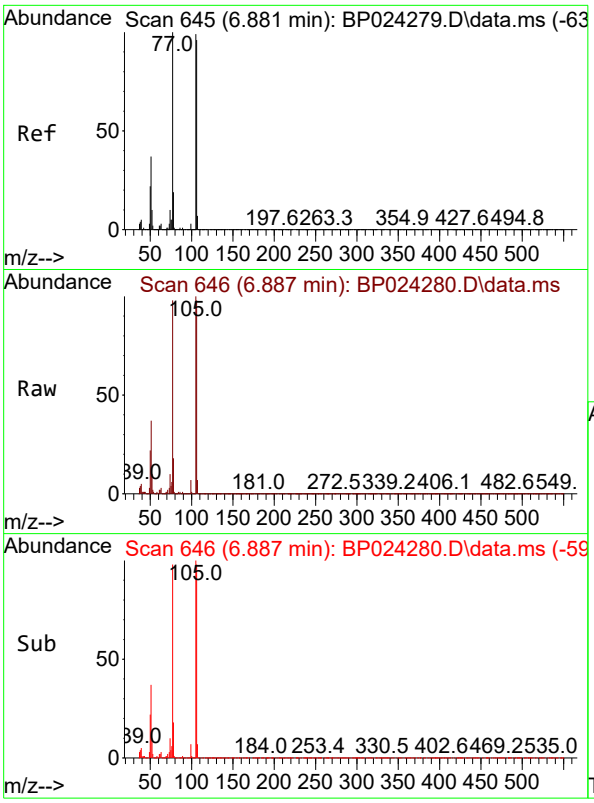


#8
2-Chlorophenol
Concen: 50.160 ng
RT: 7.310 min Scan# 718
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:128 Resp: 942078

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	41.2	22.7	62.7



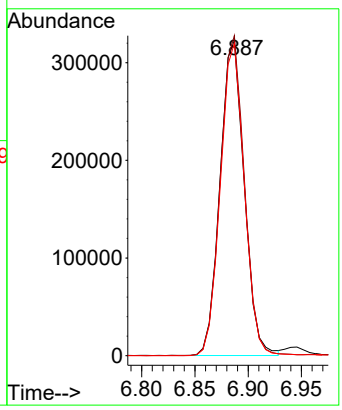


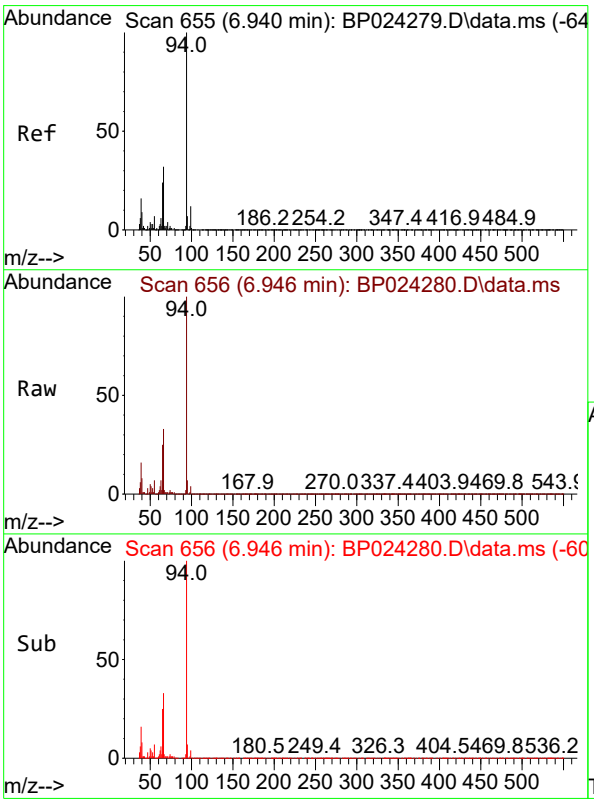
#9
Benzaldehyde
Concen: 42.627 ng
RT: 6.887 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 507606

Ion	Ratio	Lower	Upper
77	100		
105	101.5	79.2	119.2
106	99.2	76.2	116.2

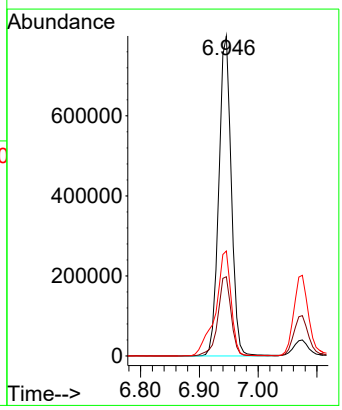


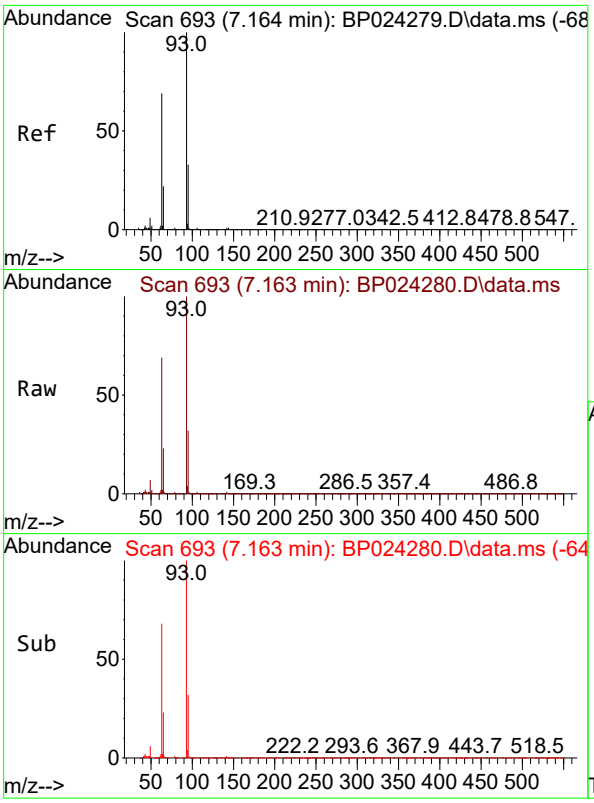


#10
Phenol
Concen: 51.012 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 94 Resp: 1177623

Ion	Ratio	Lower	Upper
94	100		
65	24.8	4.5	44.5
66	32.8	12.4	52.4



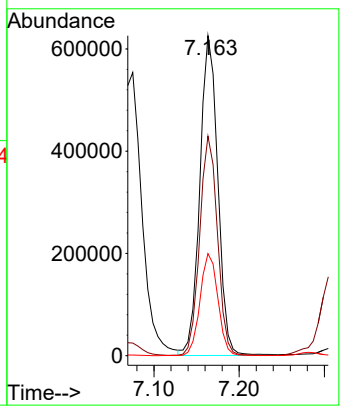


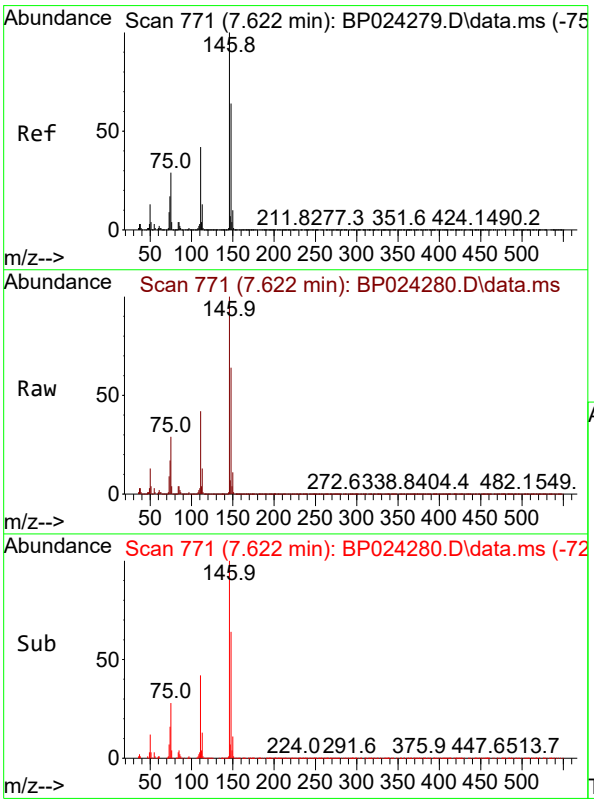
#11
bis(2-Chloroethyl)ether
Concen: 49.085 ng
RT: 7.163 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 915679

Ion	Ratio	Lower	Upper
93	100		
63	68.6	48.6	88.6
95	31.9	12.3	52.3

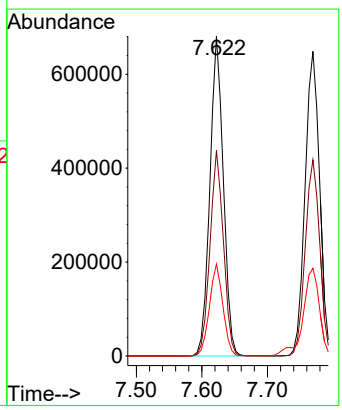


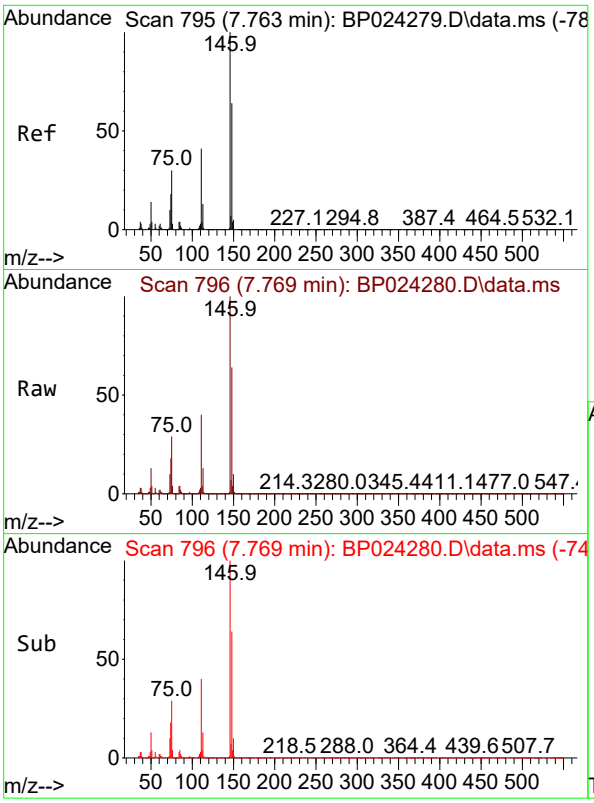


#12
1,3-Dichlorobenzene
Concen: 47.770 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:146 Resp: 972089

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	28.7	22.9	34.3



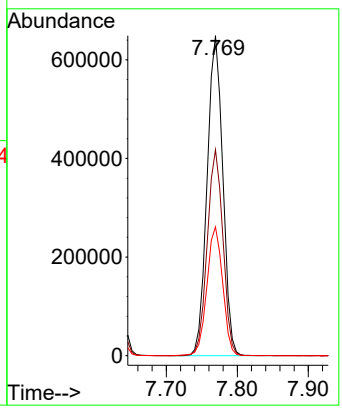


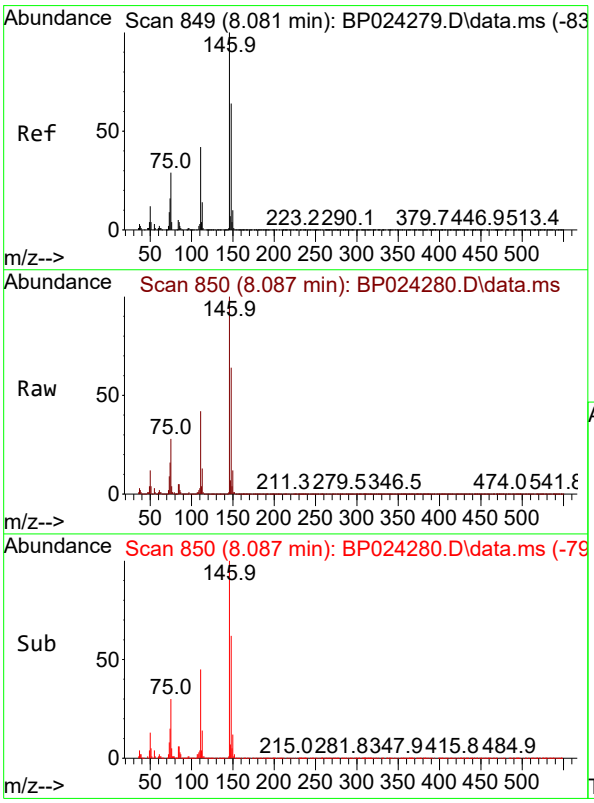
#13
1,4-Dichlorobenzene
Concen: 48.262 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 995872

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	40.3	32.6	48.8

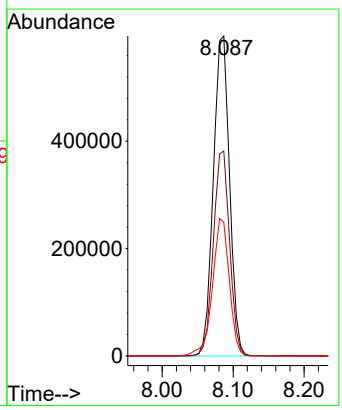


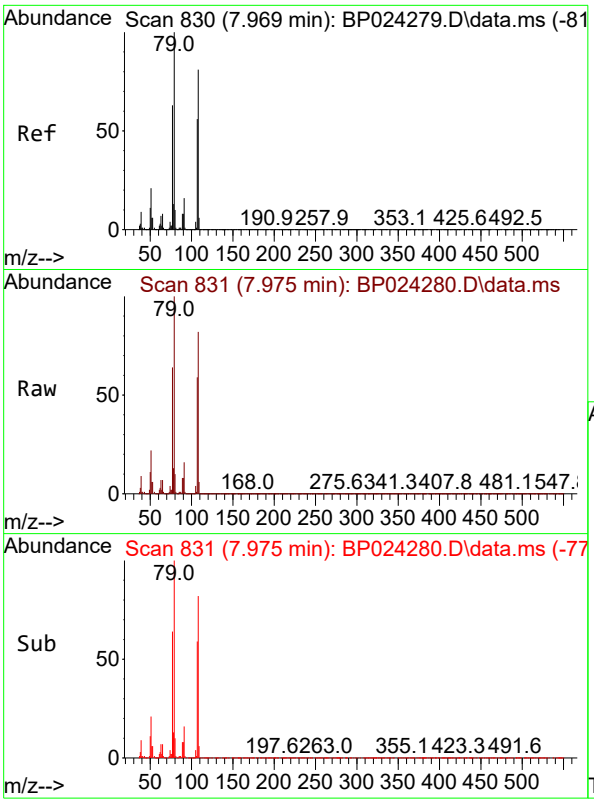


#14
1,2-Dichlorobenzene
Concen: 47.327 ng
RT: 8.087 min Scan# 850
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:146 Resp: 944314

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
111	41.8	33.8	50.8



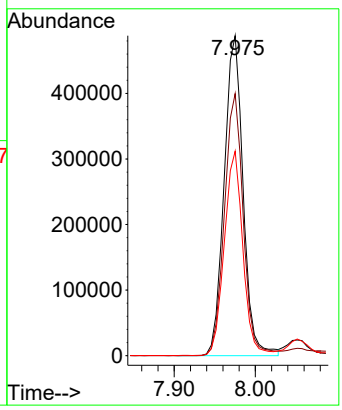


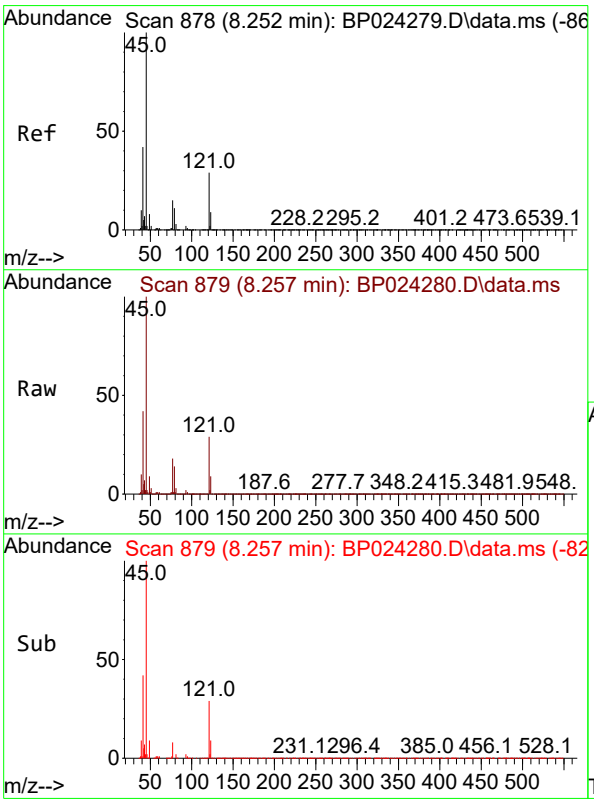
#15
Benzyl Alcohol
Concen: 53.745 ng
RT: 7.975 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 791998

Ion	Ratio	Lower	Upper
79	100		
108	81.9	65.1	97.7
77	63.9	50.7	76.1

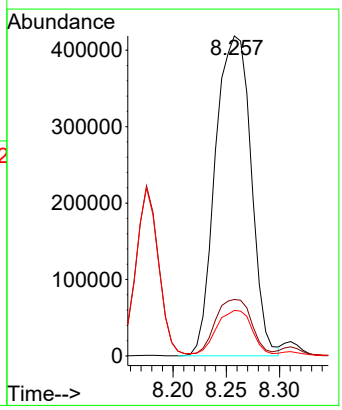


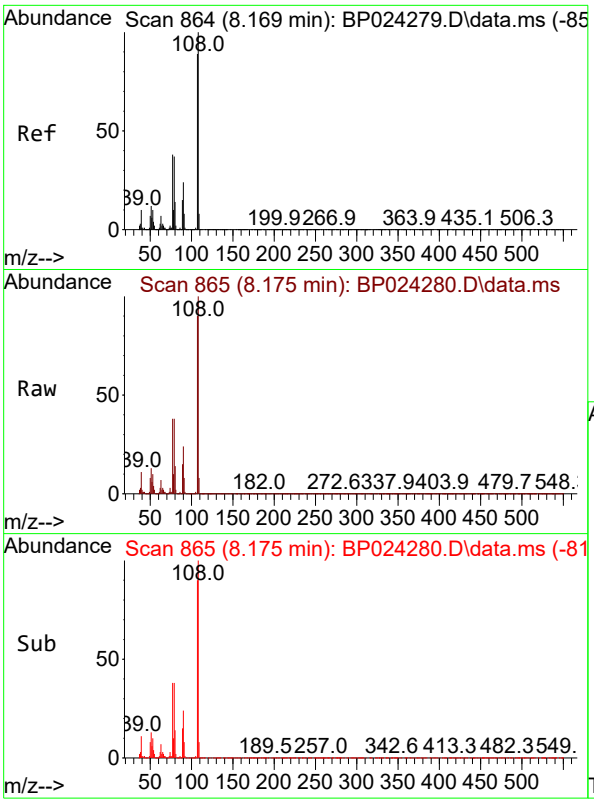


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.988 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 45 Resp: 973910

Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	37.7
79	14.2	0.0	33.5



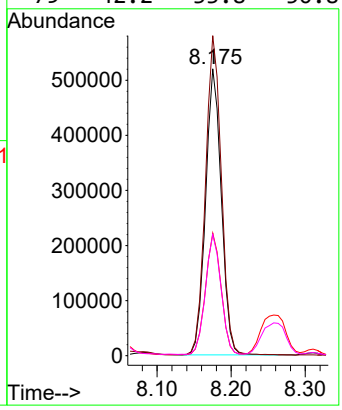


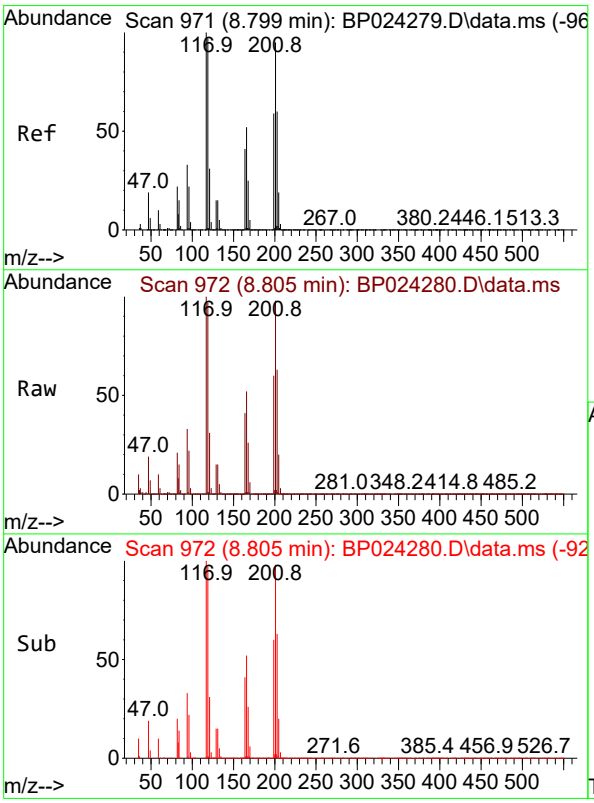
#17
2-Methylphenol
Concen: 51.526 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 766536

Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.8	134.6
77	42.7	34.2	51.4
79	42.2	33.8	50.8

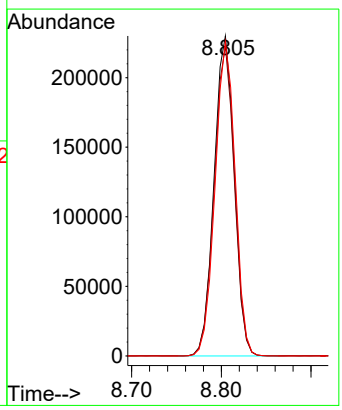


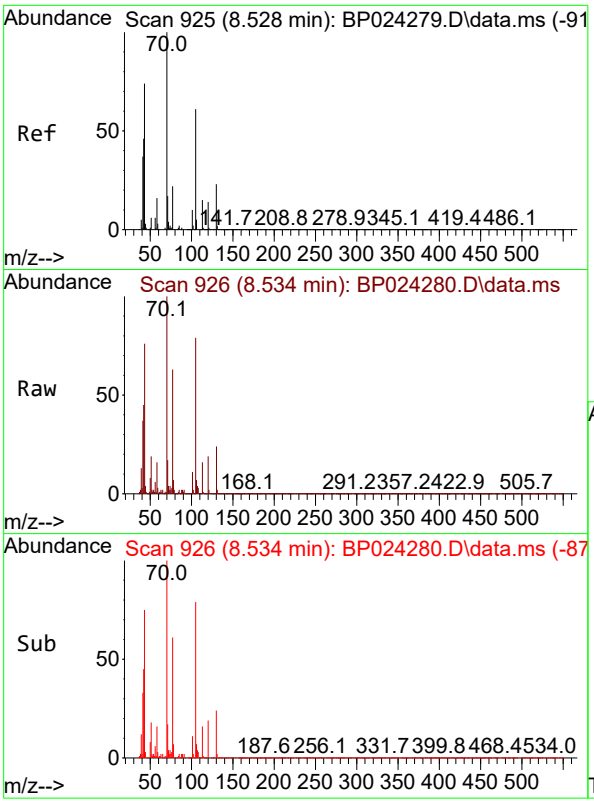


#18
Hexachloroethane
Concen: 48.472 ng
RT: 8.805 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:117 Resp: 360999

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.8	116.6
201	98.2	75.9	113.9



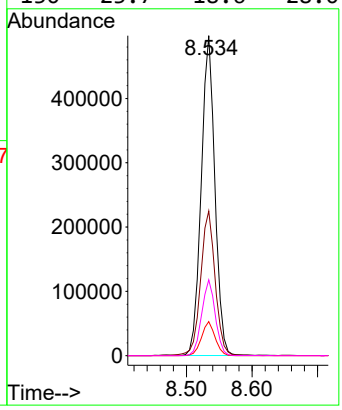


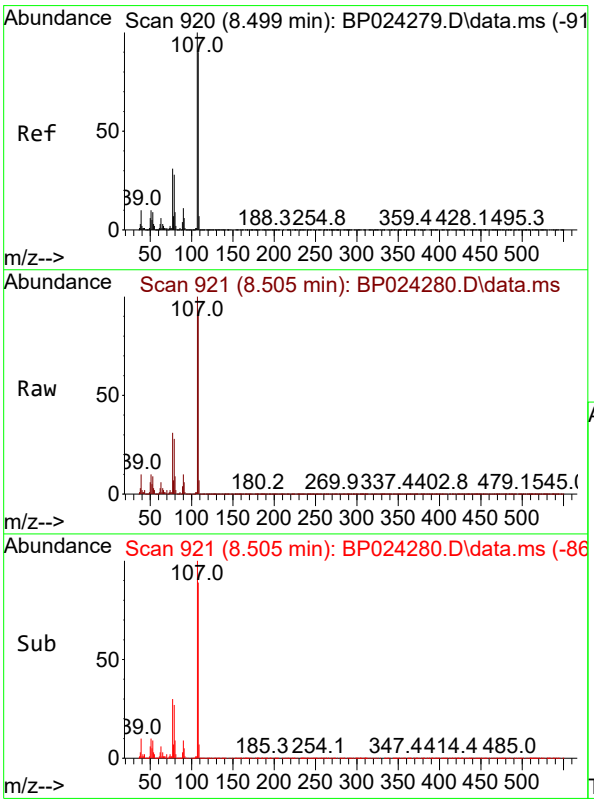
#19
n-Nitroso-di-n-propylamine
Concen: 50.562 ng
RT: 8.534 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 722064

Ion	Ratio	Lower	Upper
70	100		
42	45.2	37.3	55.9
101	10.6	8.2	12.4
130	23.7	18.6	28.0

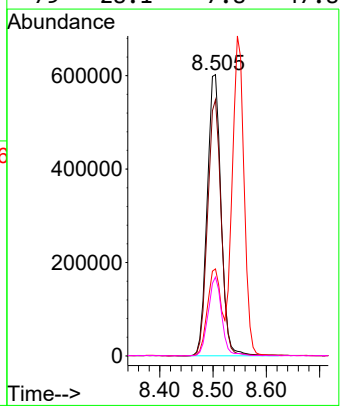


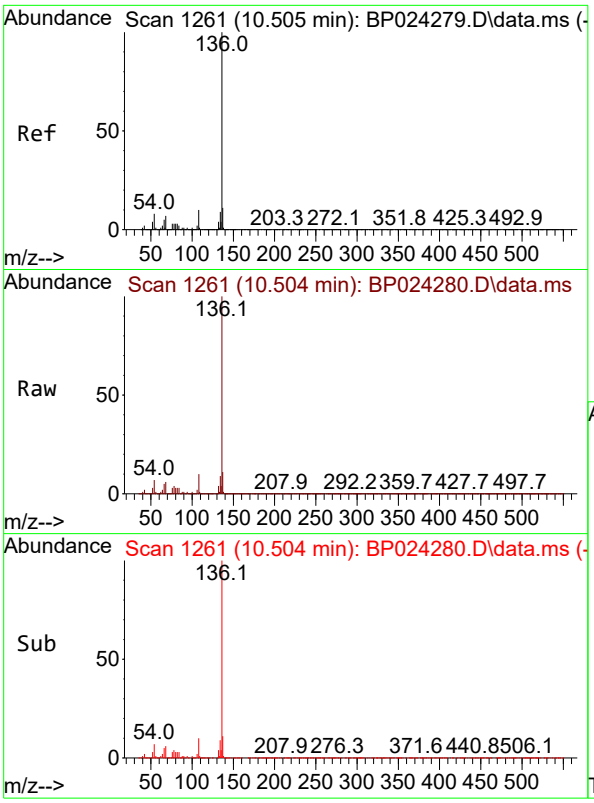


#20
3+4-Methylphenols
Concen: 52.718 ng
RT: 8.505 min Scan# 921
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:107 Resp: 1086273

Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.8	109.8
77	31.0	11.5	51.5
79	28.1	7.8	47.8



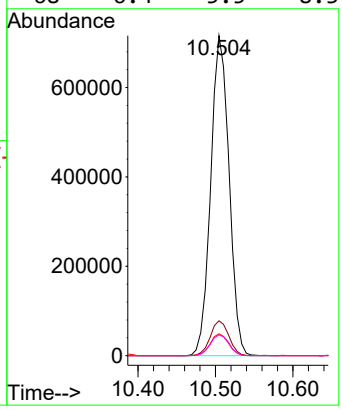


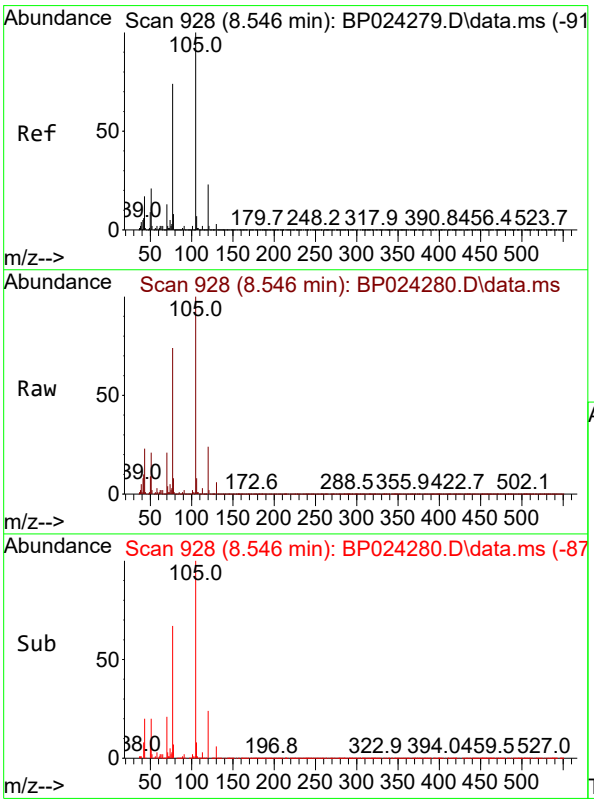
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 1176925

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.9	6.0	9.0
68	6.4	5.5	8.3

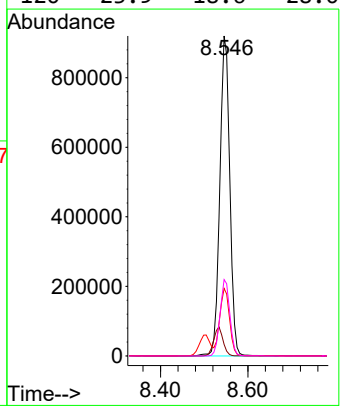


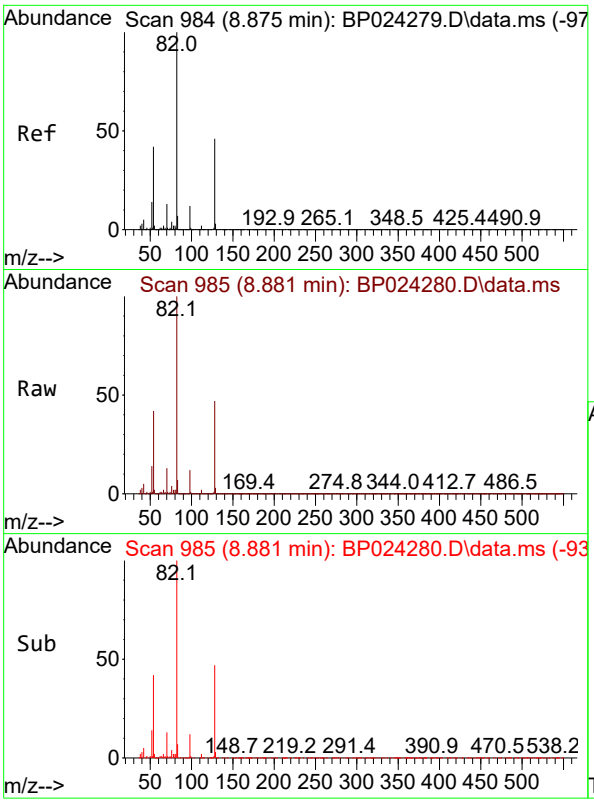


#22
Acetophenone
Concen: 49.289 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:105 Resp: 1441728

Ion	Ratio	Lower	Upper
105	100		
71	3.6	1.7	2.5#
51	21.1	16.9	25.3
120	23.9	18.6	28.0



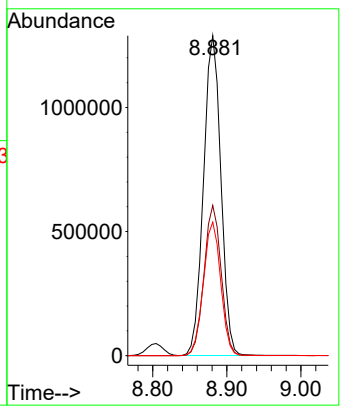


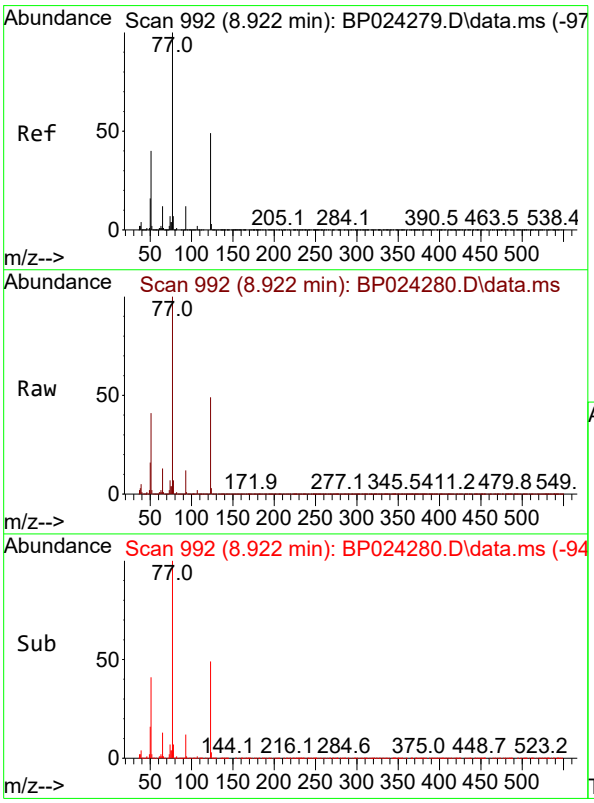
#23
Nitrobenzene-d5
Concen: 101.588 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2100100

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.5	54.7
54	41.8	33.4	50.2

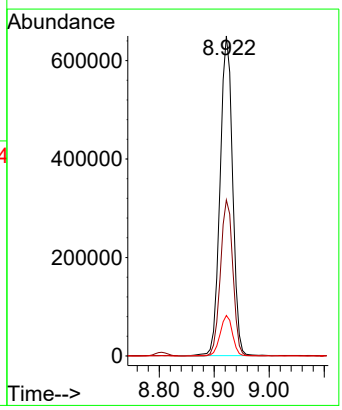


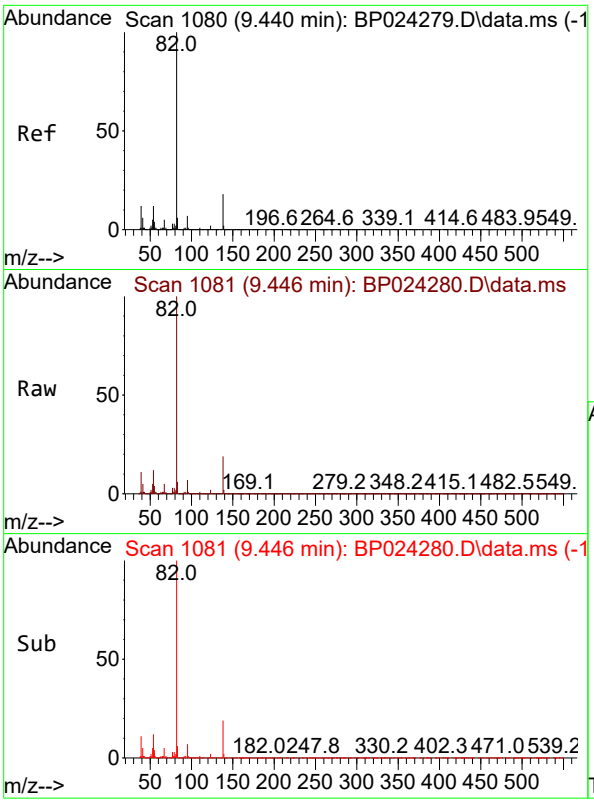


#24
Nitrobenzene
Concen: 50.074 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 77 Resp: 1025983

Ion	Ratio	Lower	Upper
77	100		
123	48.7	39.2	58.8
65	12.7	9.8	14.6



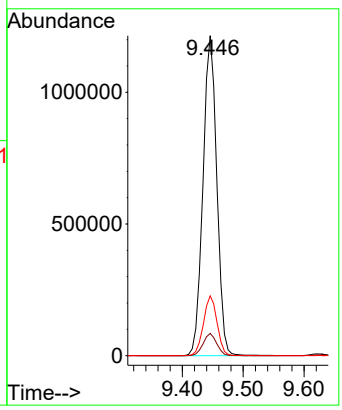


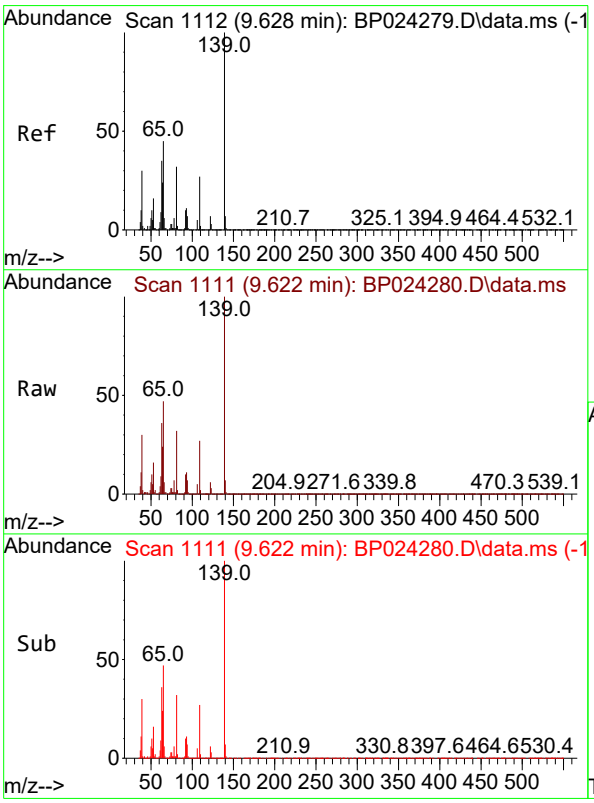
#25
Isophorone
Concen: 51.264 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1913172

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	18.7	14.4	21.6

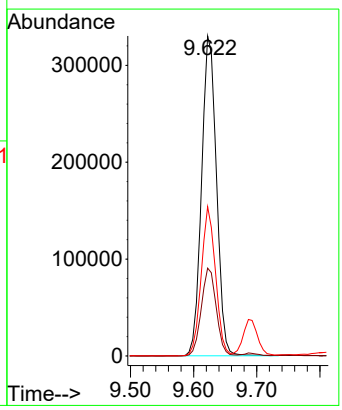


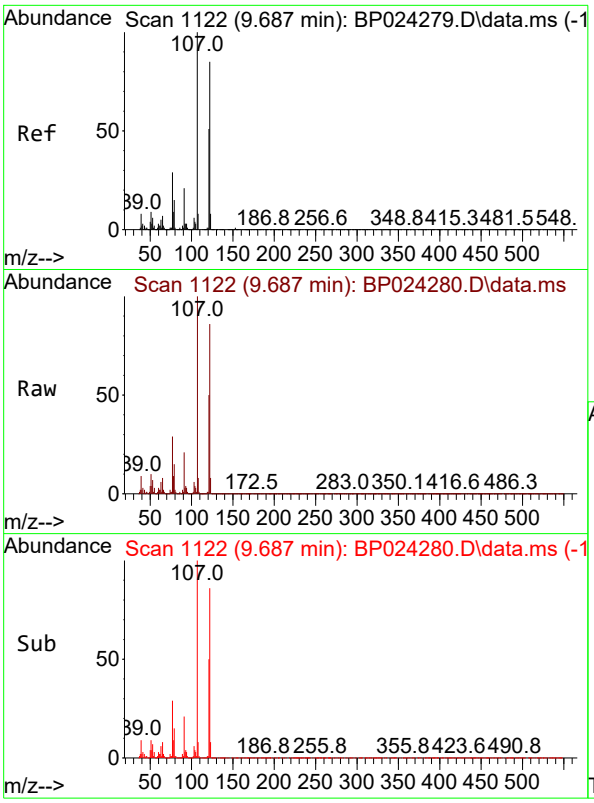


#26
2-Nitrophenol
Concen: 55.024 ng
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:139 Resp: 541332

Ion	Ratio	Lower	Upper
139	100		
109	27.5	21.8	32.6
65	46.7	36.2	54.2



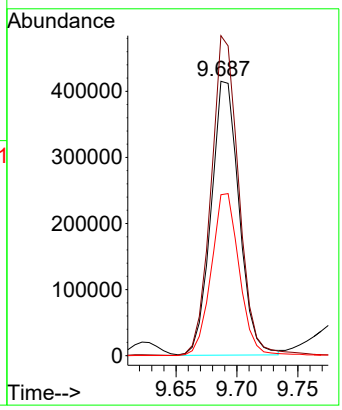


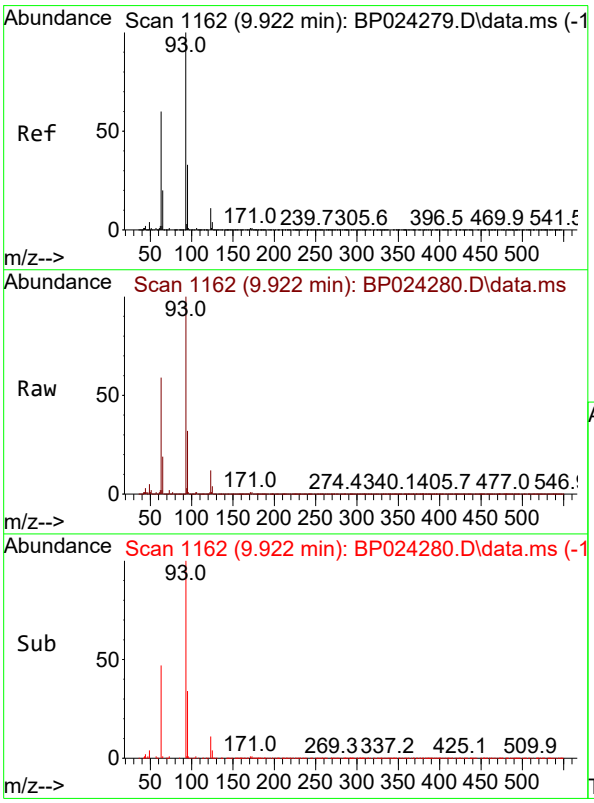
#27
2,4-Dimethylphenol
Concen: 53.106 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 662183

Ion	Ratio	Lower	Upper
122	100		
107	116.6	93.7	140.5
121	58.7	48.2	72.2

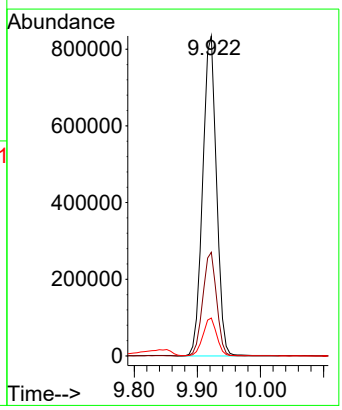


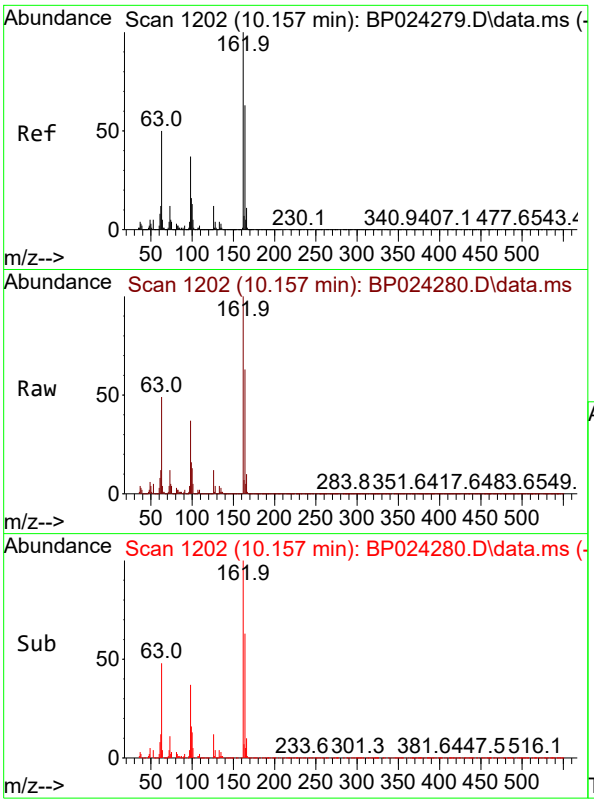


#28
bis(2-Chloroethoxy)methane
Concen: 49.803 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 93 Resp: 1265001

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.0	39.0
123	11.8	9.1	13.7



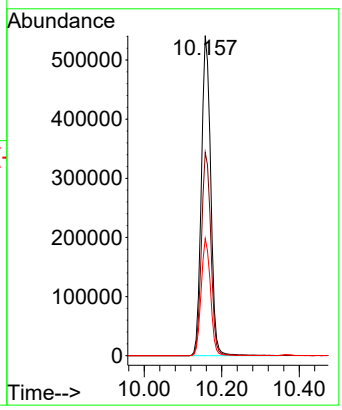


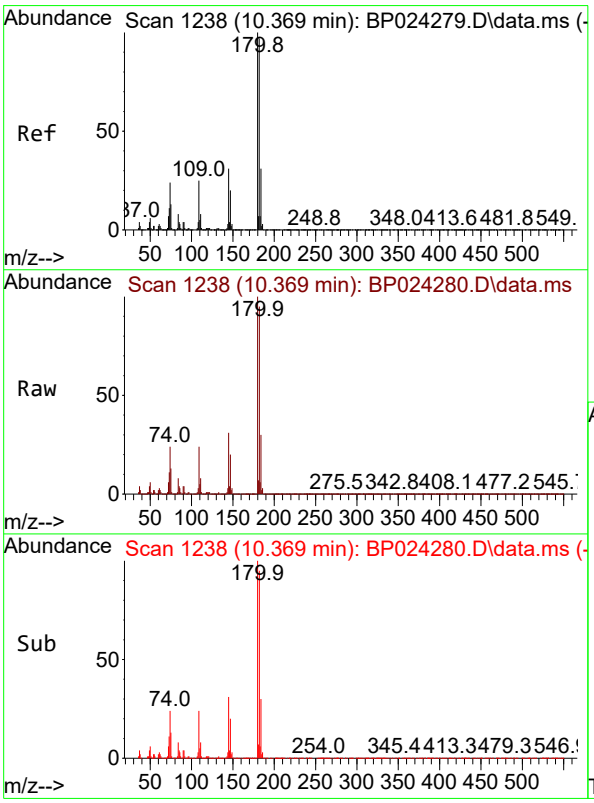
#29
2,4-Dichlorophenol
Concen: 53.225 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 904519

Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.3	83.3
98	36.6	16.6	56.6

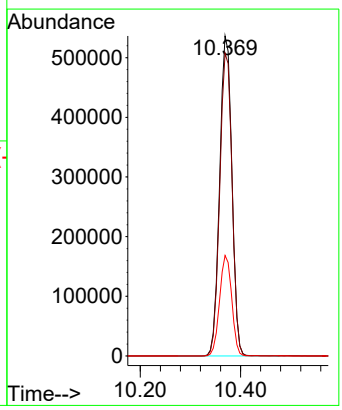


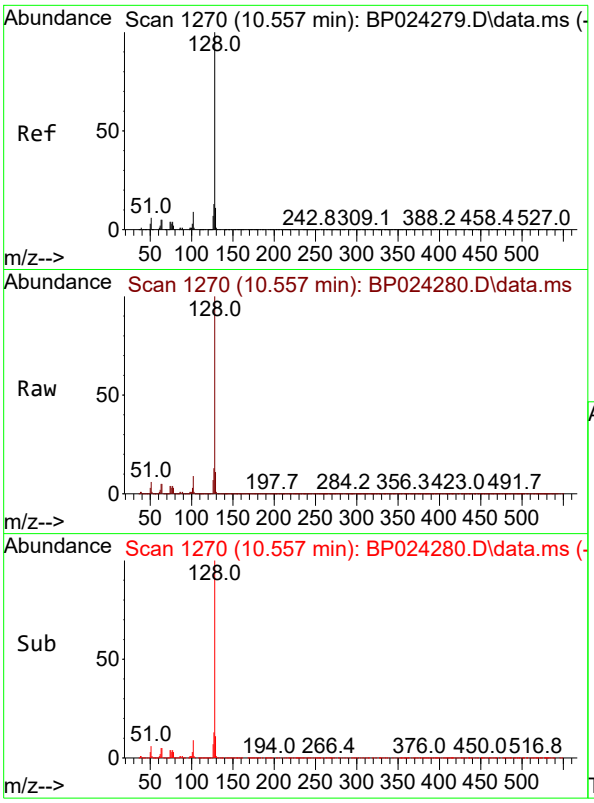


#30
1,2,4-Trichlorobenzene
Concen: 49.426 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:180 Resp: 908732

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.3	115.9
145	31.4	25.1	37.7



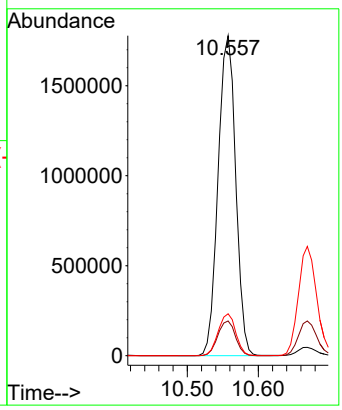


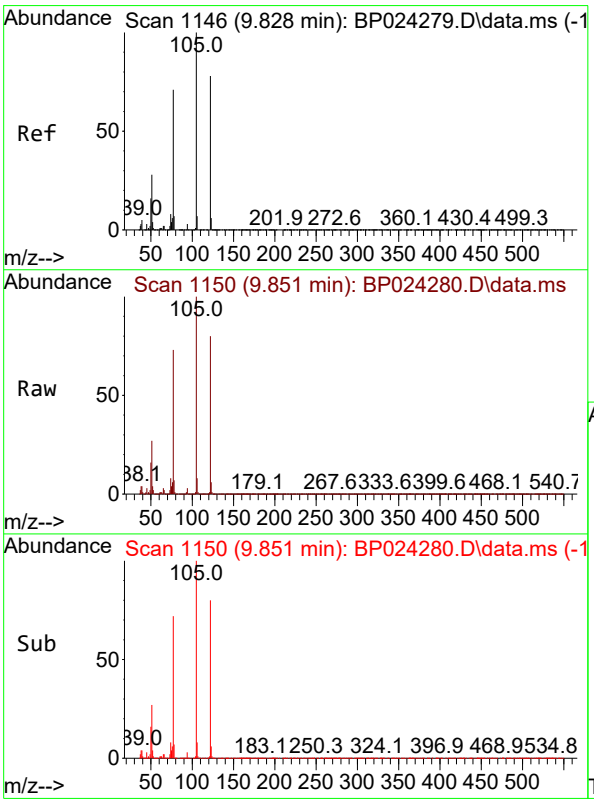
#31
Naphthalene
Concen: 48.957 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 3049887

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.1	10.3	15.5

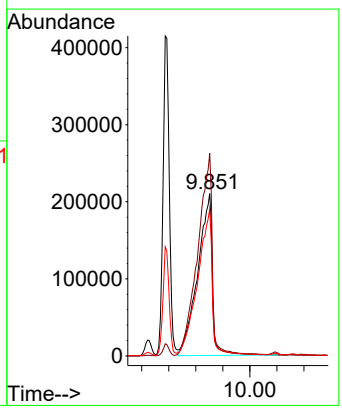


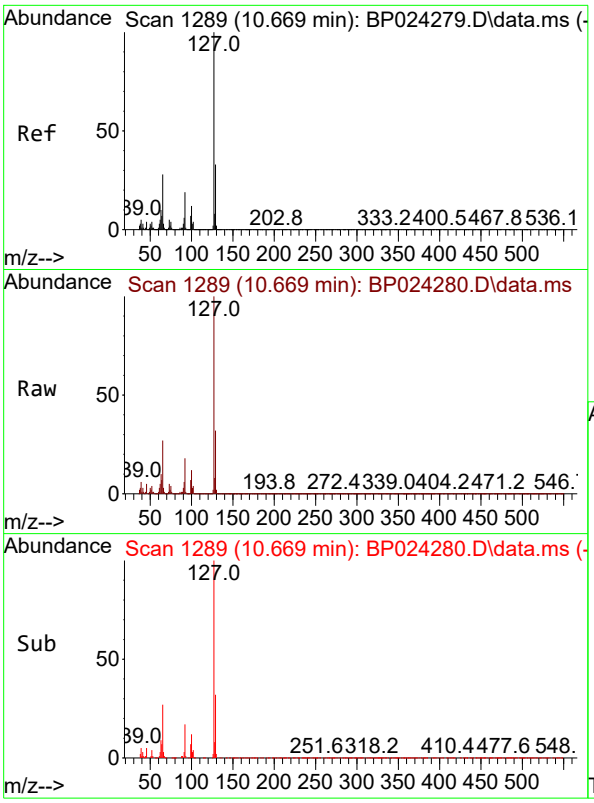


#32
Benzoic acid
Concen: 58.988 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.023 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:122 Resp: 794832

Ion	Ratio	Lower	Upper
122	100		
105	124.7	104.8	144.8
77	90.5	69.2	109.2



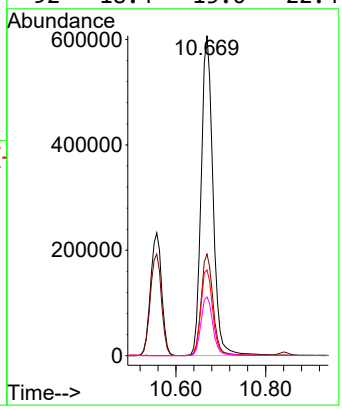


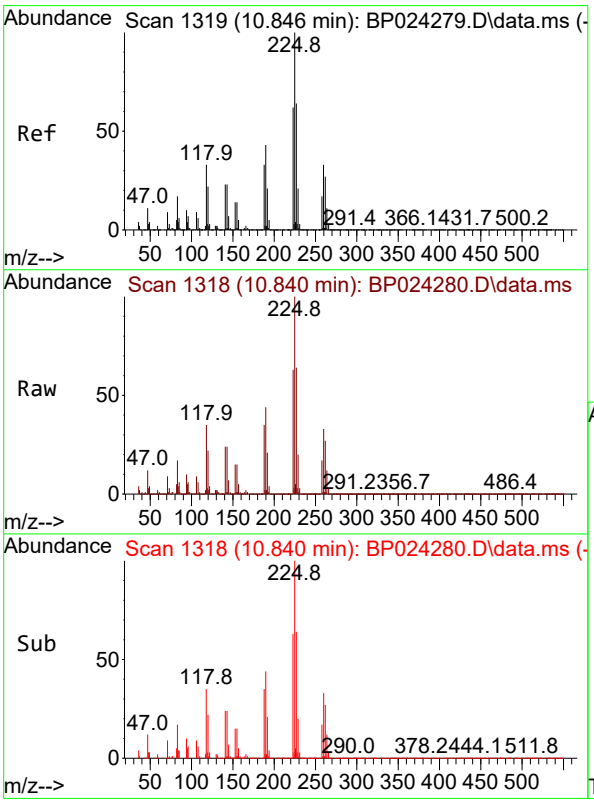
#33
4-Chloroaniline
Concen: 51.030 ng
RT: 10.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1110772

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	26.8	22.1	33.1
92	18.4	15.0	22.4

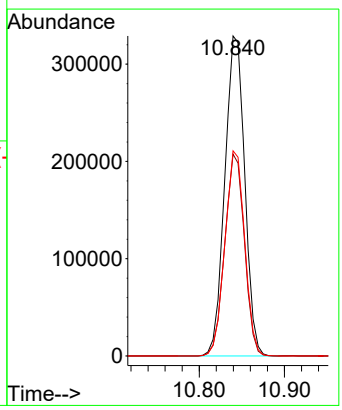


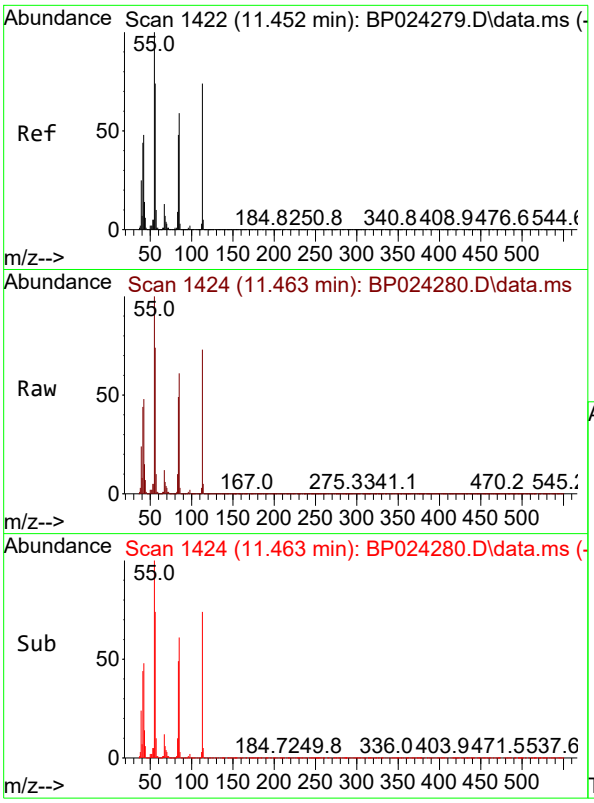


#34
Hexachlorobutadiene
Concen: 49.450 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:225 Resp: 533336

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.5	74.3
227	64.1	50.9	76.3



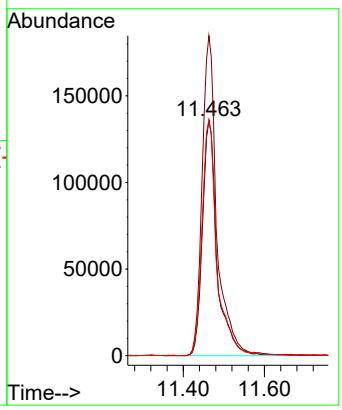


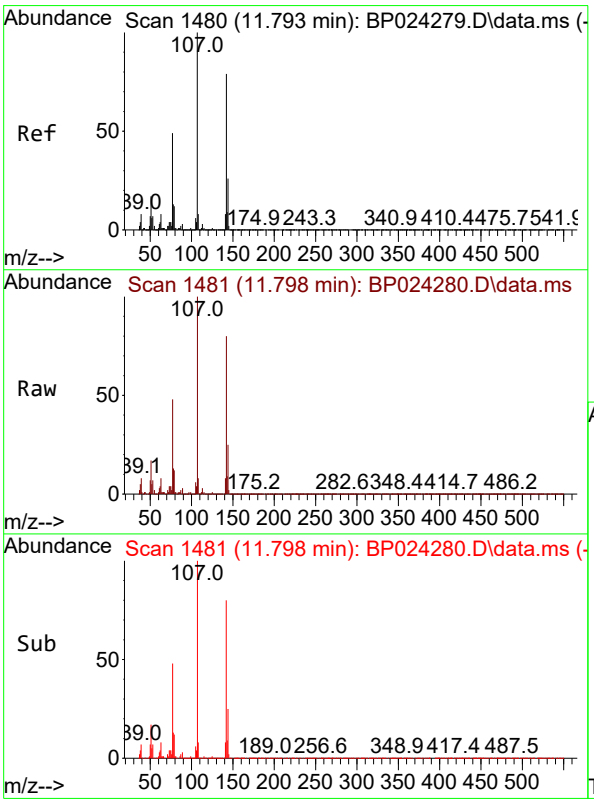
#35
Caprolactam
Concen: 54.466 ng
RT: 11.463 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 339834

Ion	Ratio	Lower	Upper
113	100		
55	136.1	115.9	155.9
56	100.2	81.1	121.1

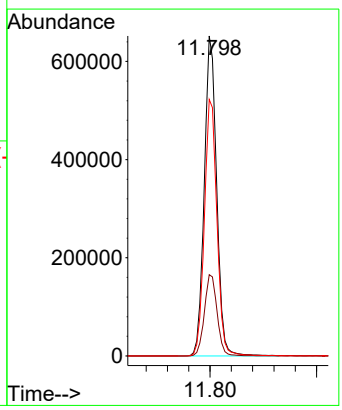


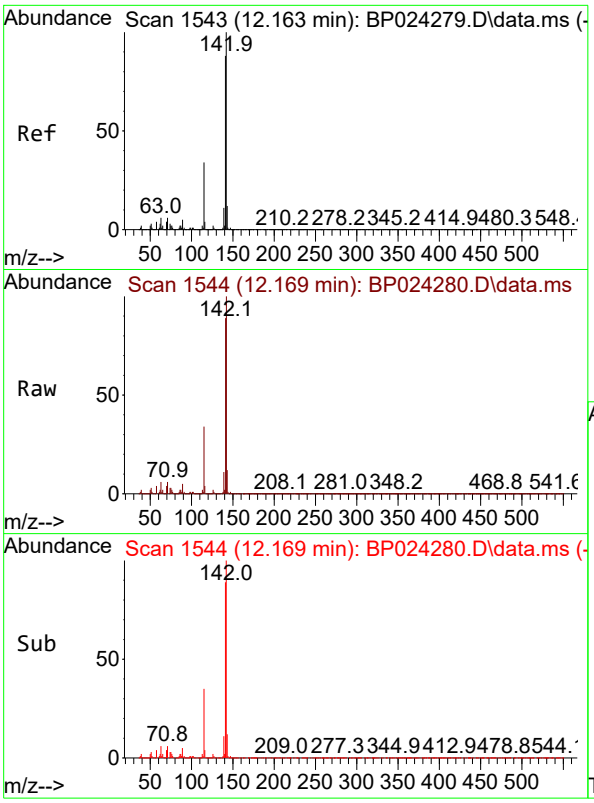


#36
4-Chloro-3-methylphenol
Concen: 52.860 ng
RT: 11.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:107 Resp: 1046795

Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.5	30.7
142	80.1	63.4	95.2



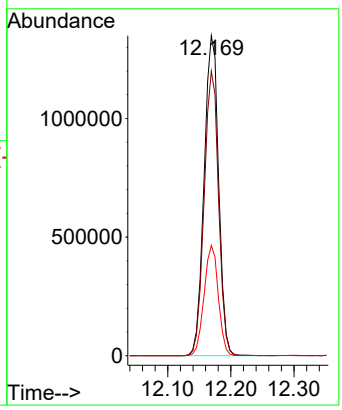


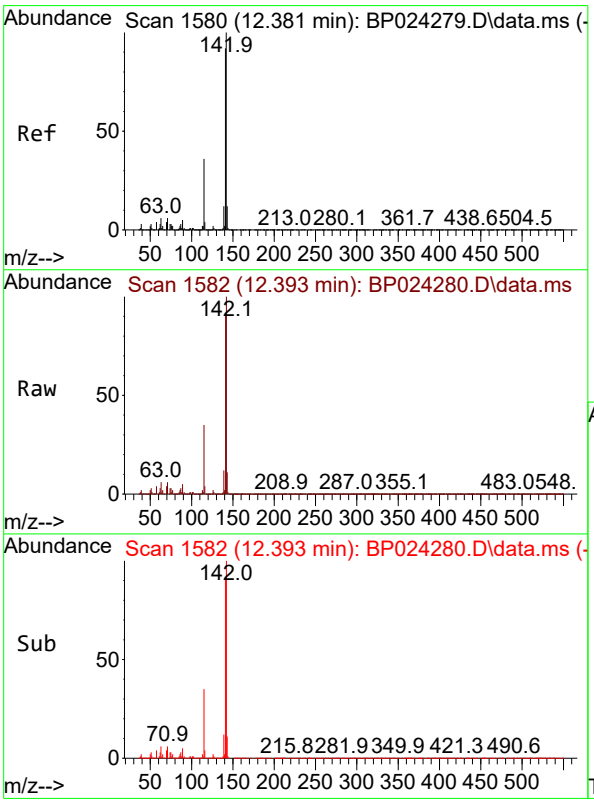
#37
2-Methylnaphthalene
Concen: 49.942 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 2156247

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5
115	34.5	26.9	40.3

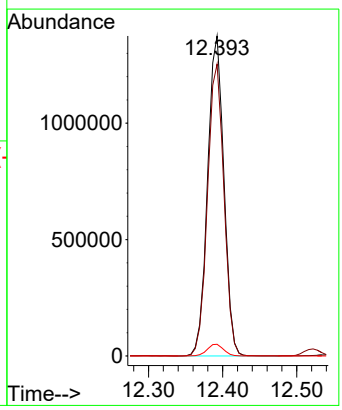


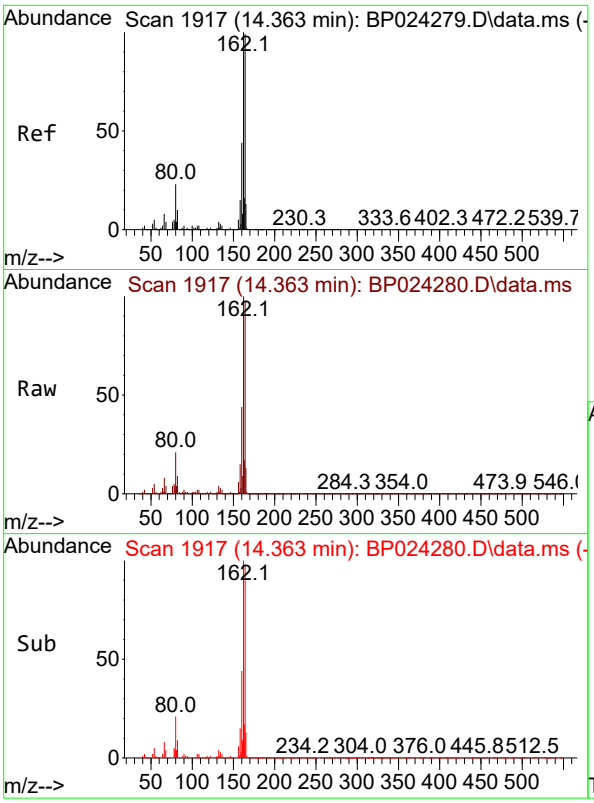


#38
1-Methylnaphthalene
Concen: 49.538 ng
RT: 12.393 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:142 Resp: 2095184

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.6	110.4
116	3.7	3.0	4.6



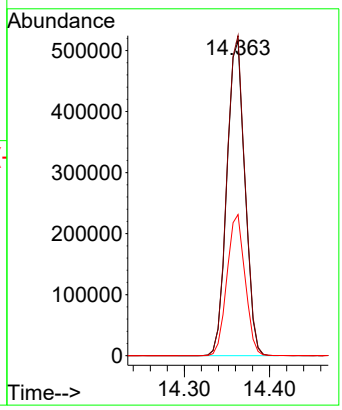


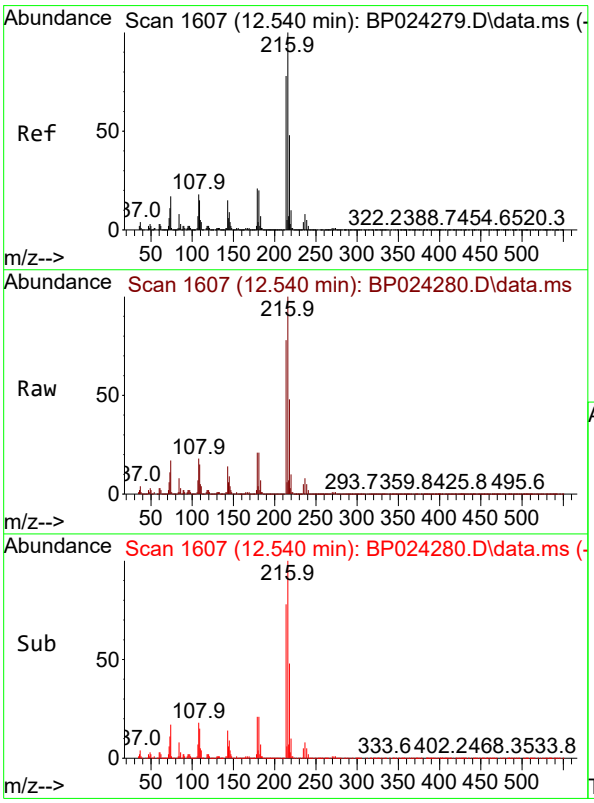
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 760235

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	44.8	35.3	52.9

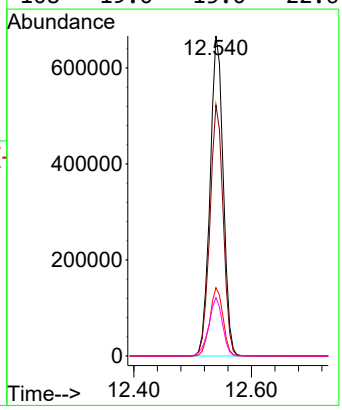


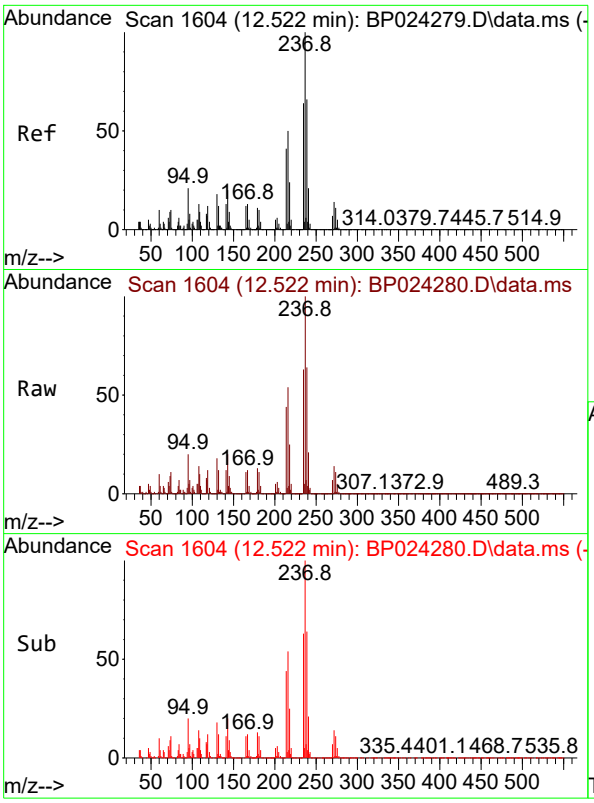


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.522 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:216 Resp: 1034638

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.6	93.8
179	21.4	17.2	25.8
108	19.0	15.0	22.6



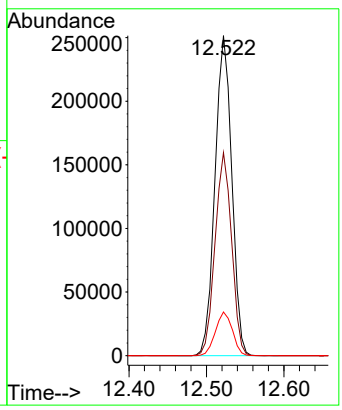


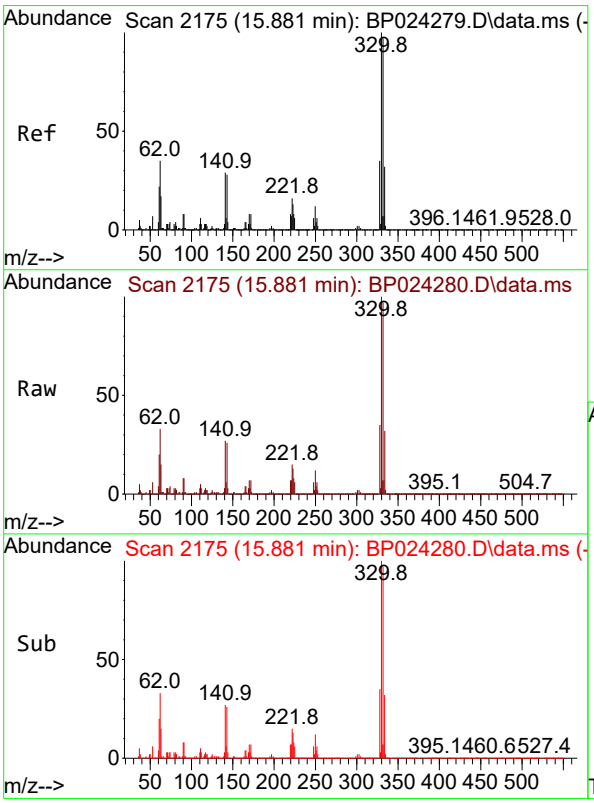
#41
Hexachlorocyclopentadiene
Concen: 51.614 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 378578

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.9	83.9
272	13.7	0.0	33.6

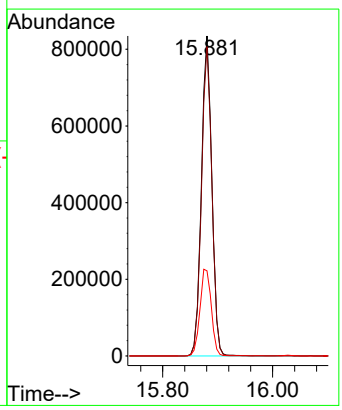


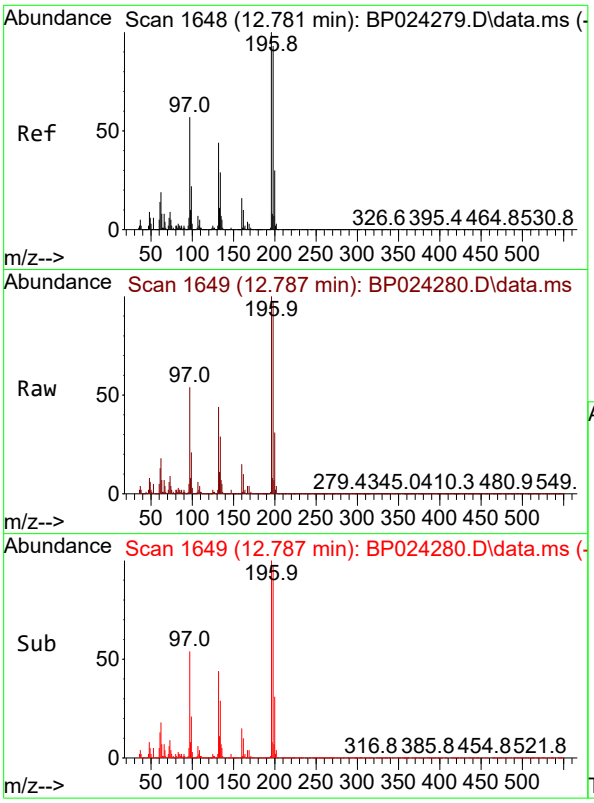


#42
2,4,6-Tribromophenol
Concen: 105.521 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:330 Resp: 1098486

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	29.5	24.7	37.1



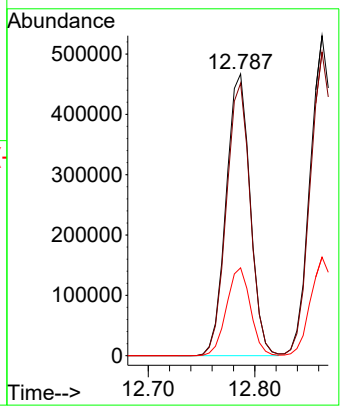


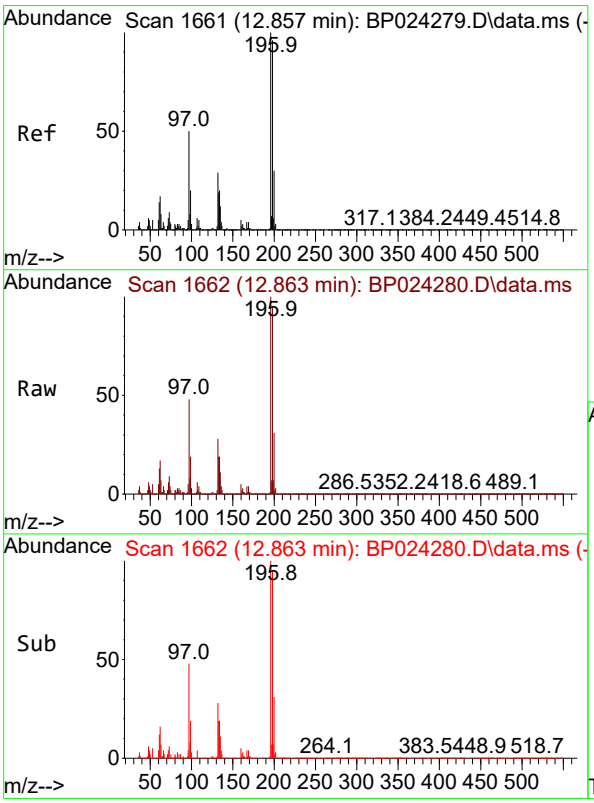
#43
2,4,6-Trichlorophenol
Concen: 53.315 ng
RT: 12.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 732902

Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.3	111.5
200	31.2	24.0	36.0

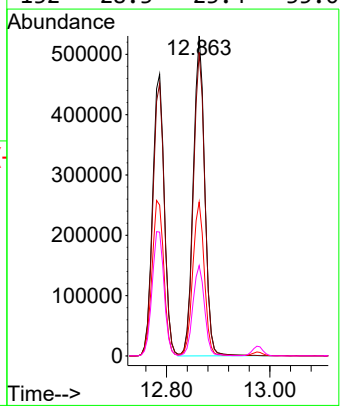


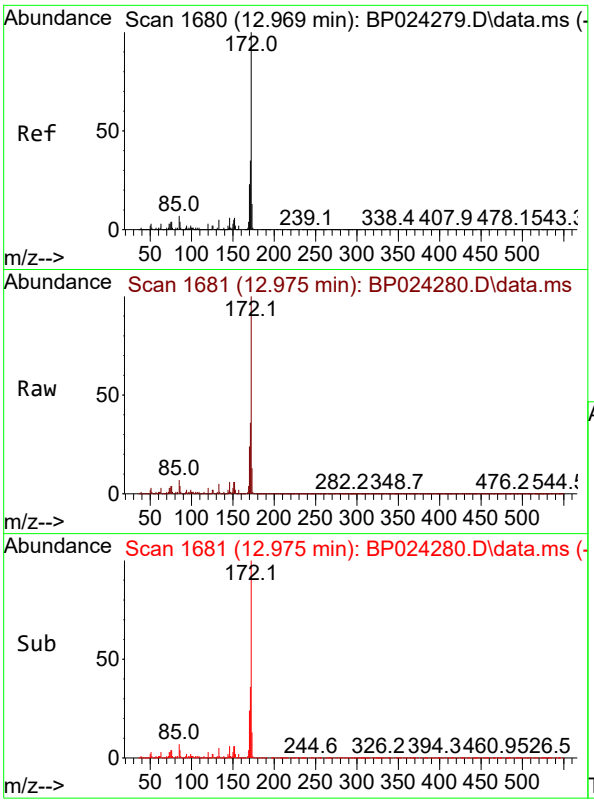


#44
2,4,5-Trichlorophenol
Concen: 53.491 ng
RT: 12.863 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:196 Resp: 814885

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	48.1	40.4	60.6
132	28.3	23.4	35.0



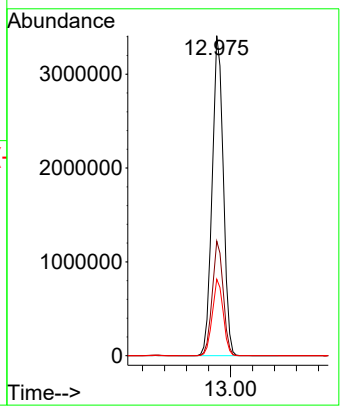


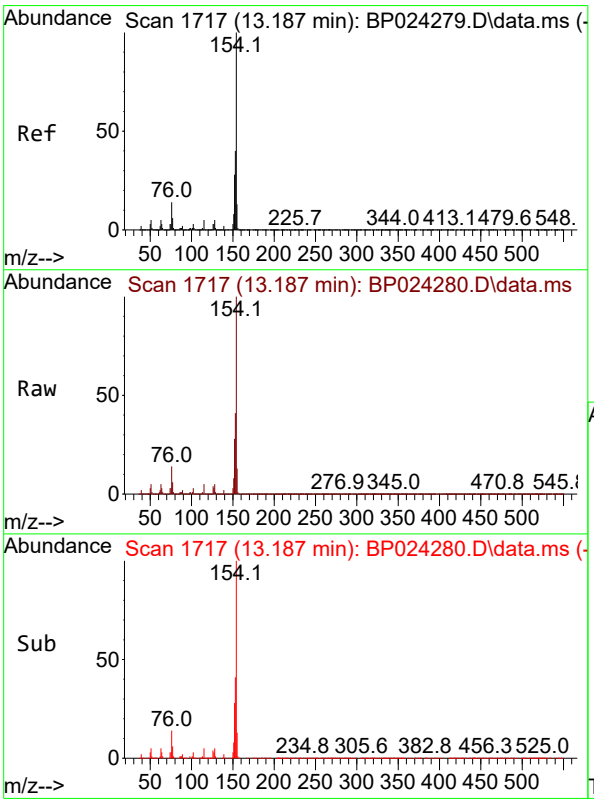
#45
2-Fluorobiphenyl
Concen: 95.877 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 4800845

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.9	18.6	27.8

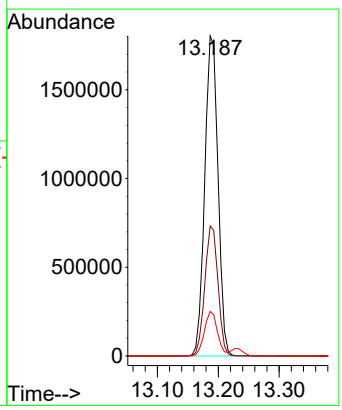


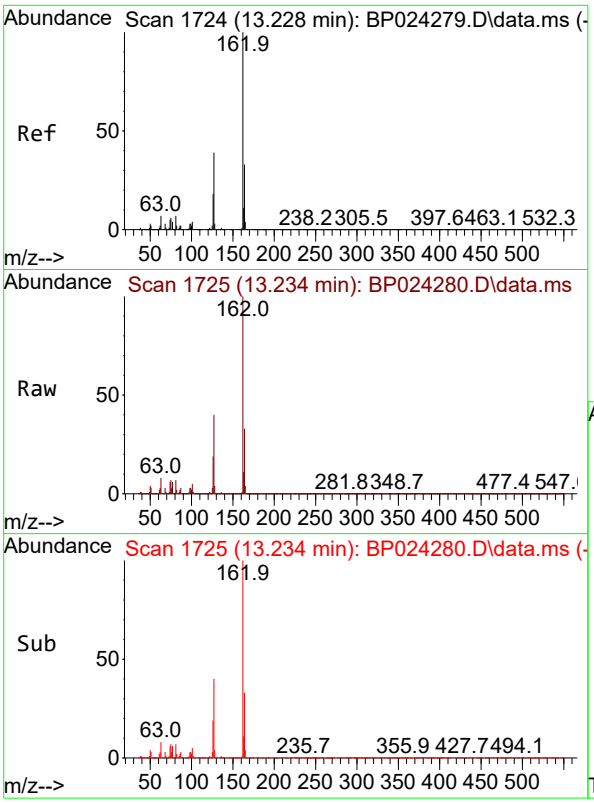


#46
1,1'-Biphenyl
Concen: 48.551 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:154 Resp: 2725840

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.9	0.0	33.5



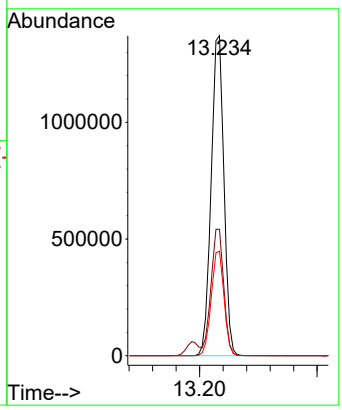


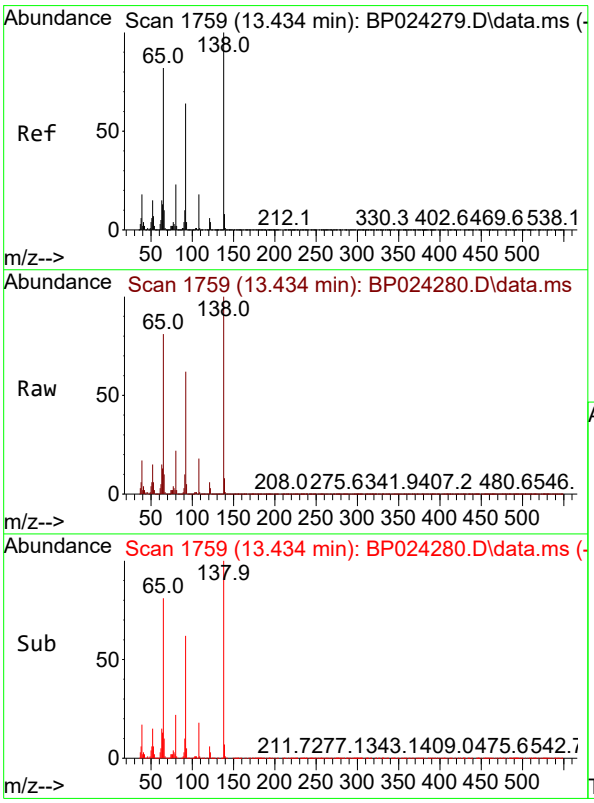
#47
2-Chloronaphthalene
Concen: 49.220 ng
RT: 13.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 2062098

Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.9	47.9
164	32.7	26.2	39.4

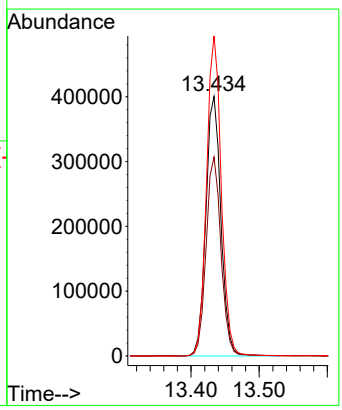


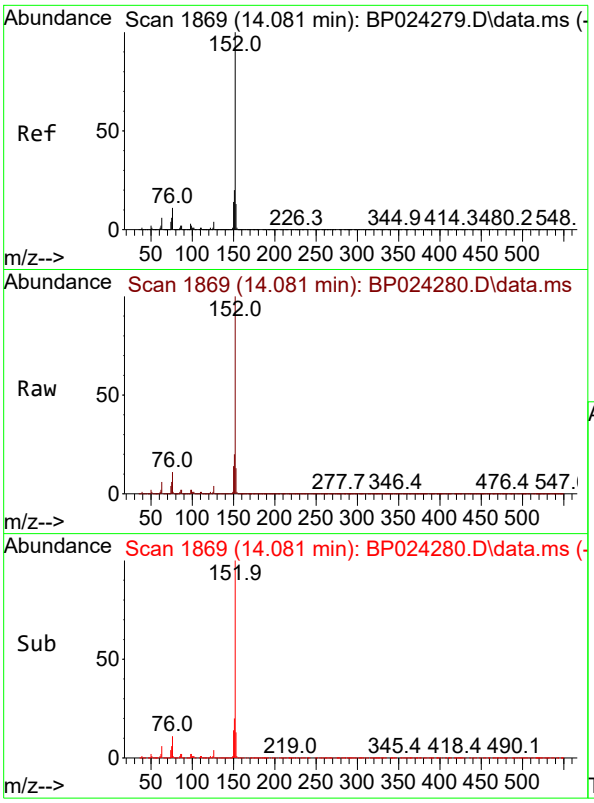


#48
2-Nitroaniline
Concen: 53.282 ng
RT: 13.434 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 65 Resp: 616599

Ion	Ratio	Lower	Upper
65	100		
92	76.6	62.3	93.5
138	123.3	97.2	145.8



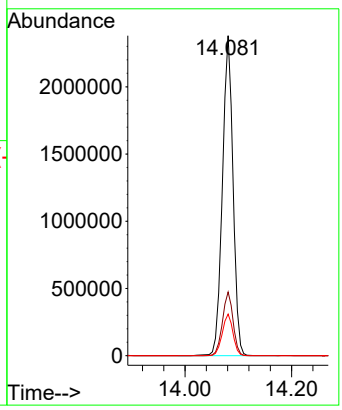


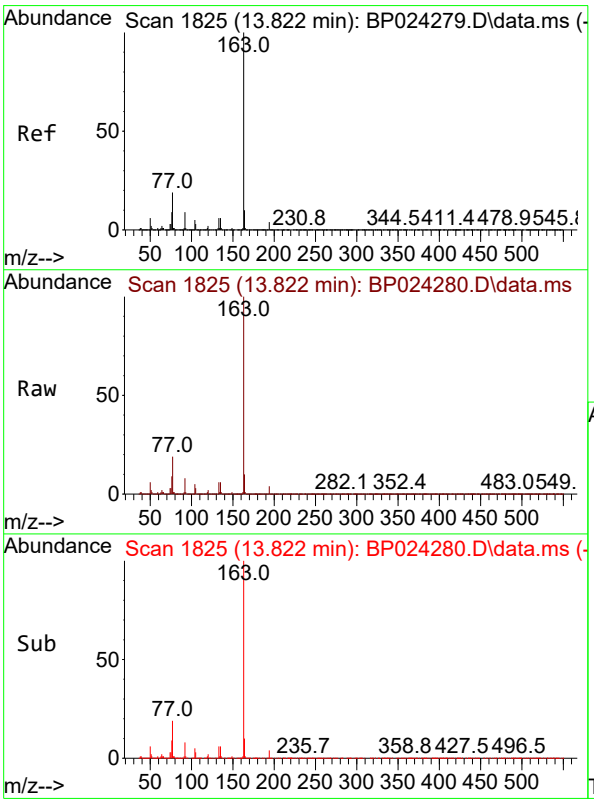
#49
Acenaphthylene
Concen: 49.877 ng
RT: 14.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 3279666

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.0	10.6	15.8

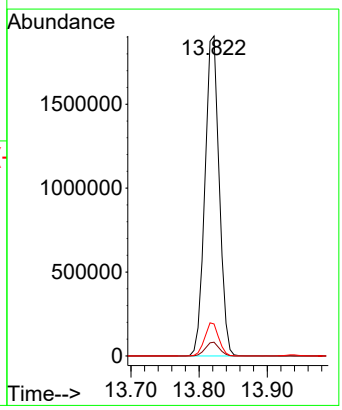


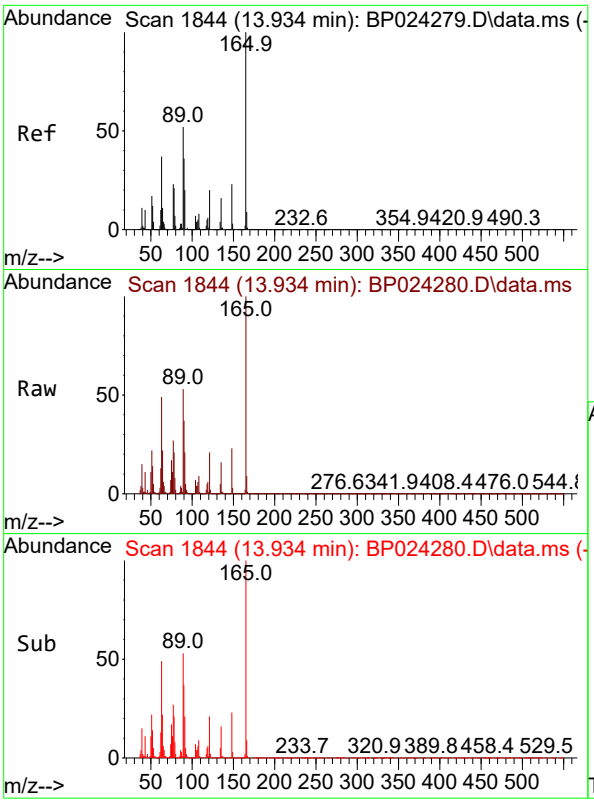


#50
Dimethylphthalate
Concen: 50.046 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:163 Resp: 2775759

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.0	8.0	12.0



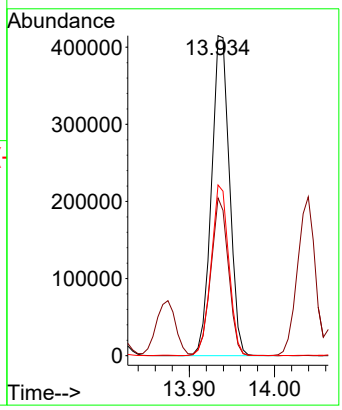


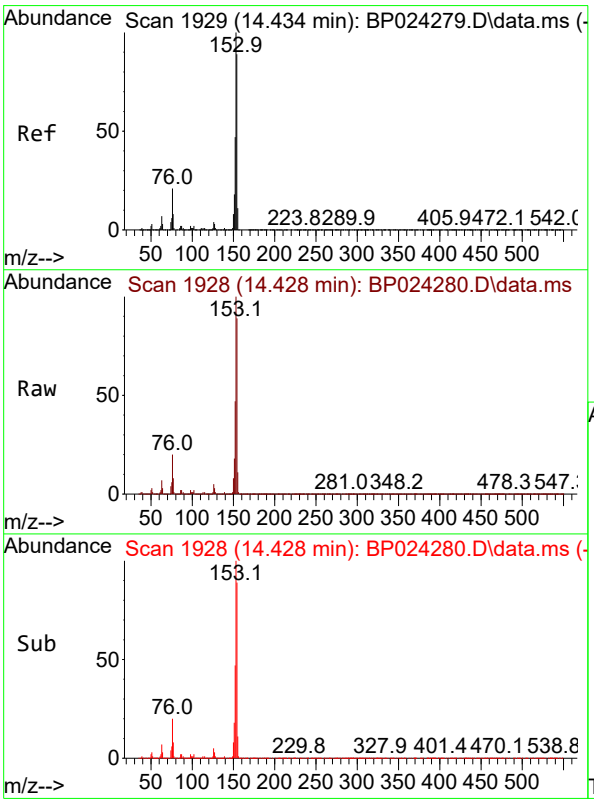
#51
2,6-Dinitrotoluene
Concen: 51.903 ng
RT: 13.934 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 606525

Ion	Ratio	Lower	Upper
165	100		
63	49.3	38.0	57.0
89	53.4	41.7	62.5

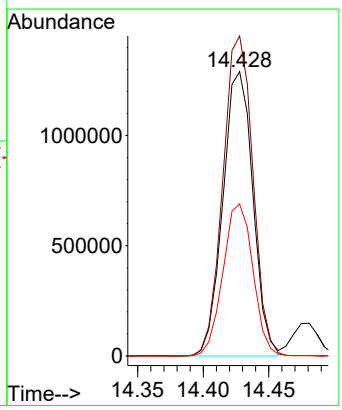


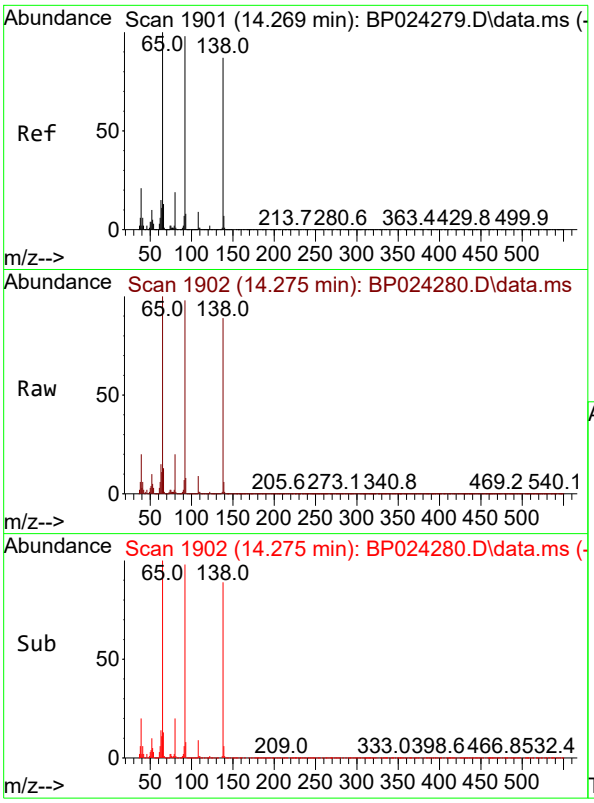


#52
Acenaphthene
Concen: 49.128 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:154 Resp: 2054333

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.8	134.6
152	53.4	42.6	63.8



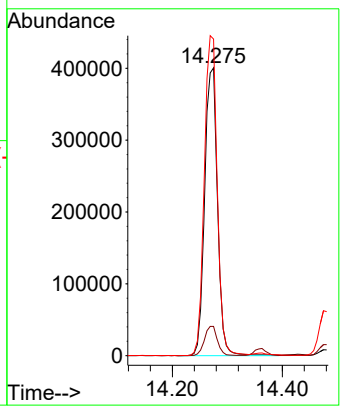


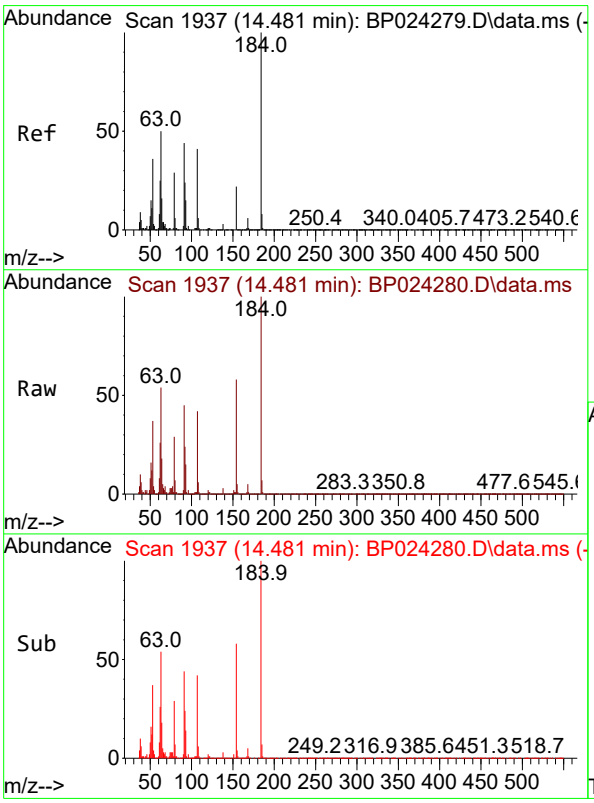
#53
3-Nitroaniline
Concen: 53.536 ng
RT: 14.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 649071

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.3	12.5
92	110.0	89.8	134.8

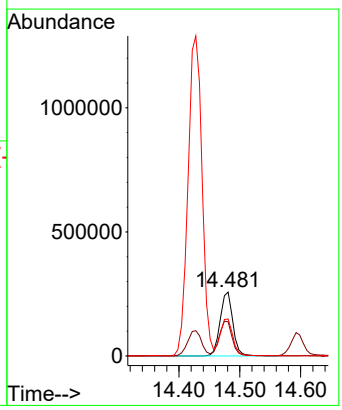


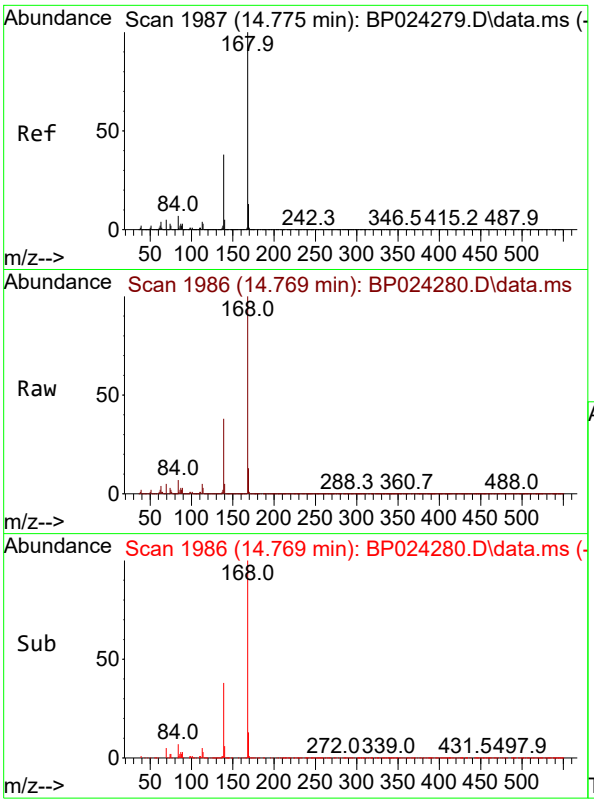


#54
2,4-Dinitrophenol
Concen: 59.640 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:184 Resp: 373165

Ion	Ratio	Lower	Upper
184	100		
63	53.7	42.6	64.0
154	57.8	47.2	70.8



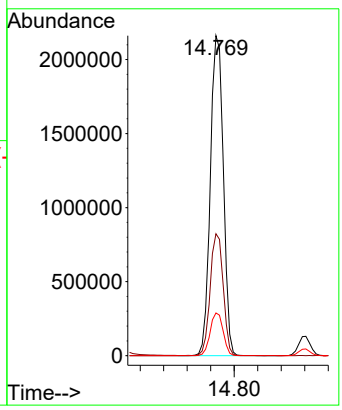


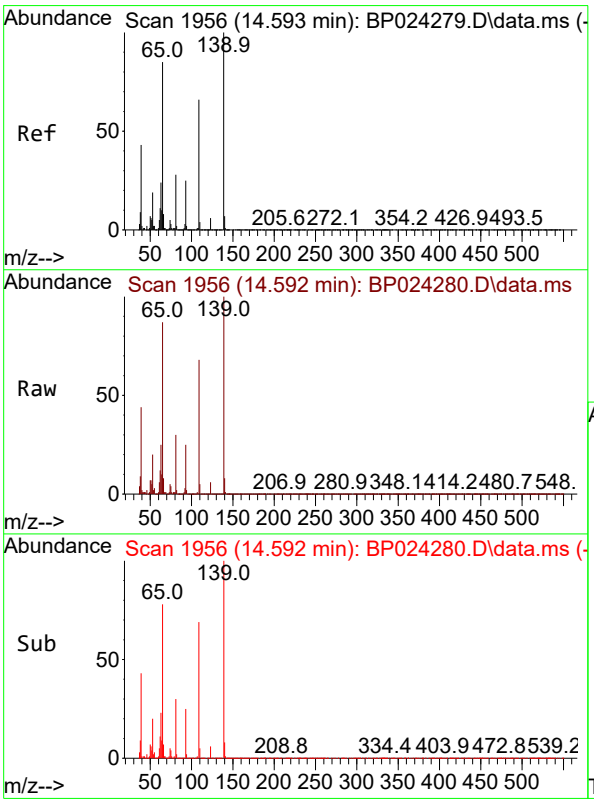
#55
Dibenzofuran
Concen: 48.392 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 3318798

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.3	45.5
169	13.4	10.6	16.0

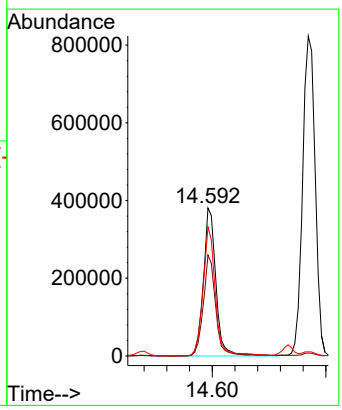


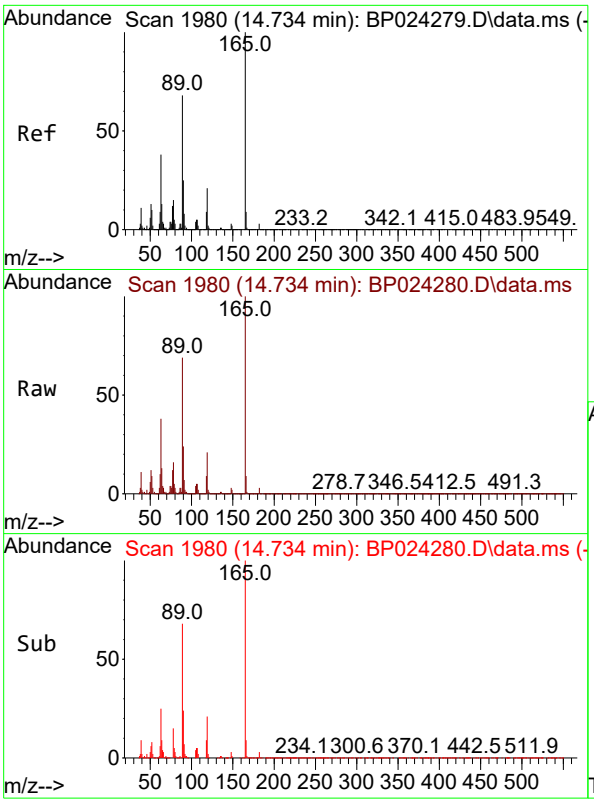


#56
4-Nitrophenol
Concen: 55.750 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:139 Resp: 581023

Ion	Ratio	Lower	Upper
139	100		
109	68.1	46.1	86.1
65	87.3	65.0	105.0



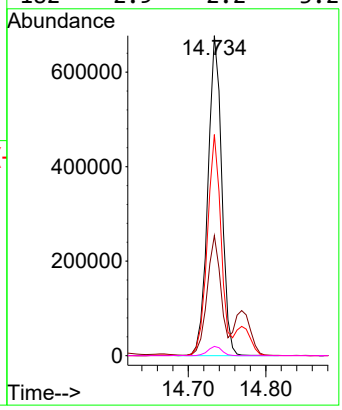


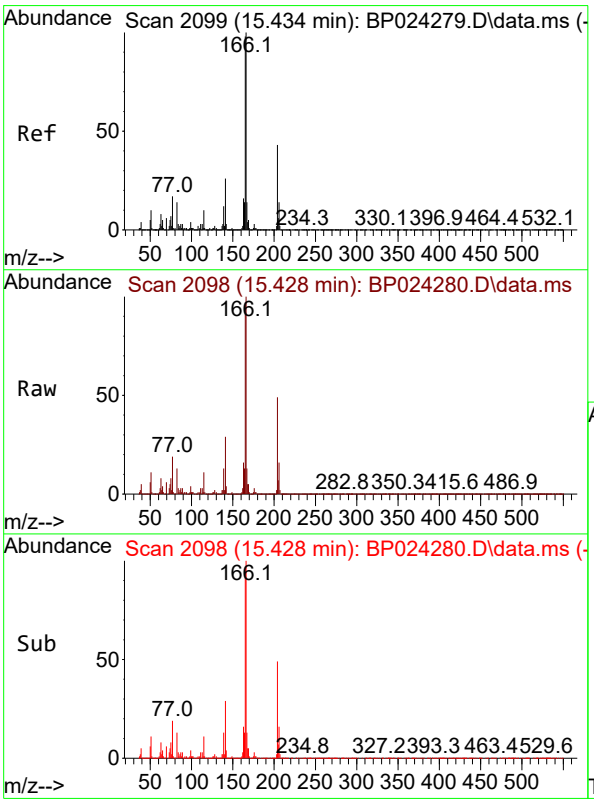
#57
2,4-Dinitrotoluene
Concen: 53.160 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 839701

Ion	Ratio	Lower	Upper
165	100		
63	37.5	30.4	45.6
89	69.1	54.6	82.0
182	2.9	2.2	3.2

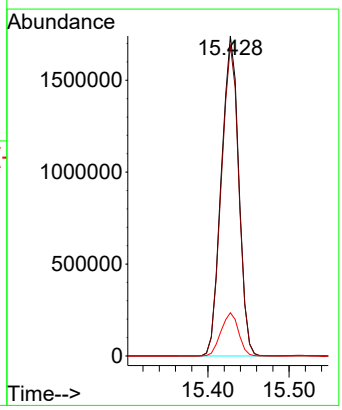


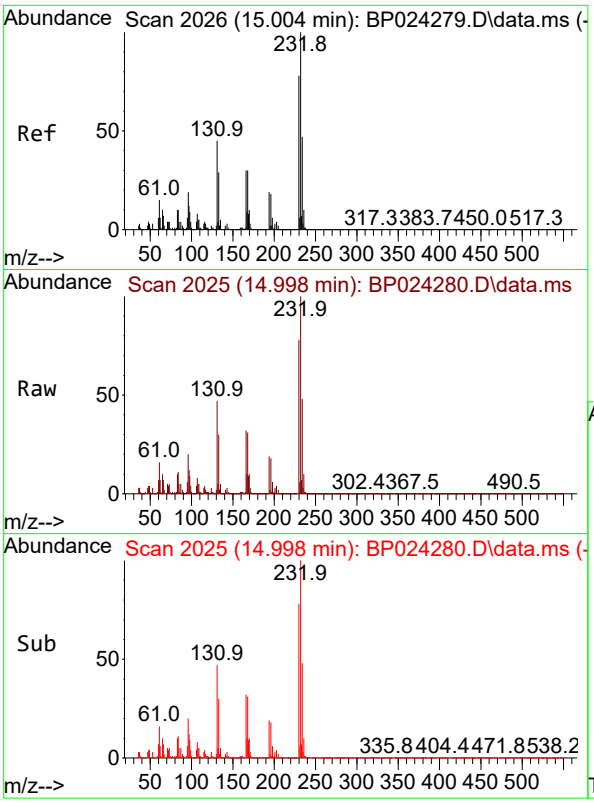


#58
Fluorene
Concen: 49.085 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:166 Resp: 2599105

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.1	117.1
167	13.5	10.9	16.3



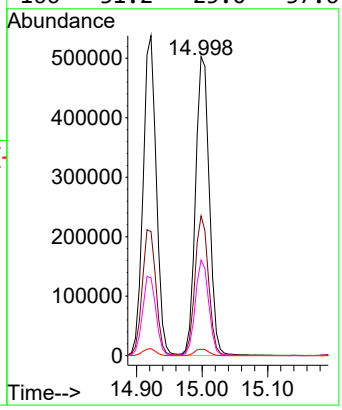


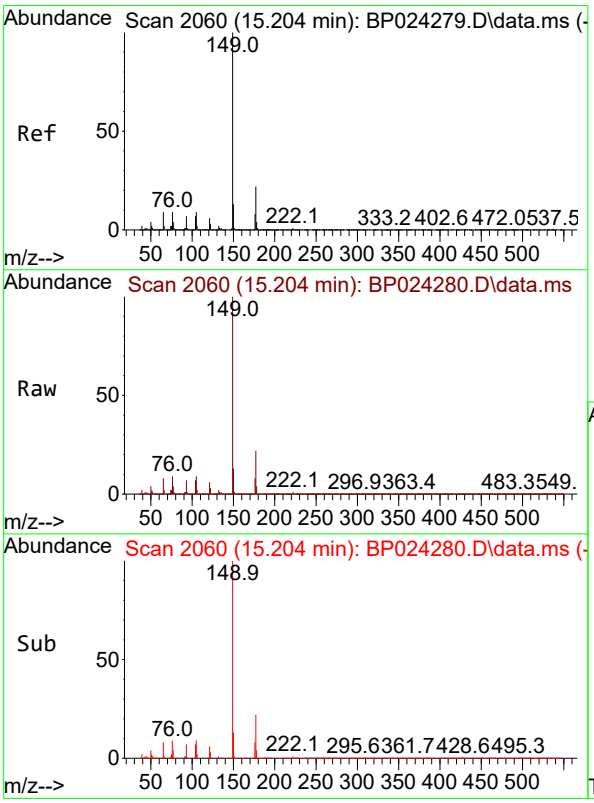
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.128 ng
RT: 14.998 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 734741

Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.8	55.2
130	2.3	1.9	2.9
166	31.2	25.0	37.6

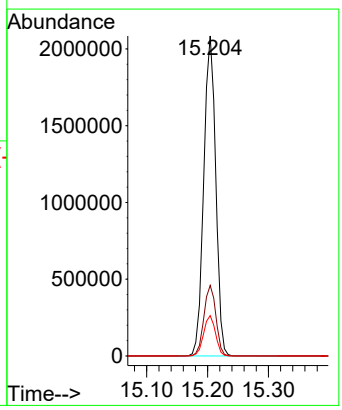


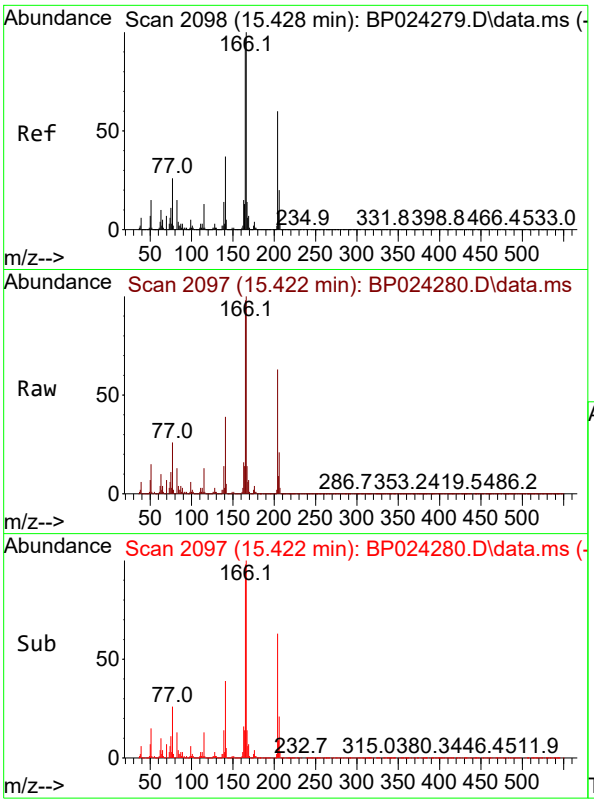


#60
Diethylphthalate
Concen: 49.914 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 2849294

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.6	10.1	15.1



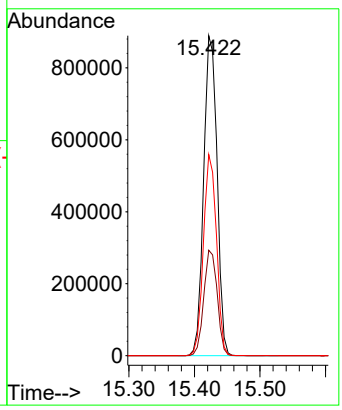


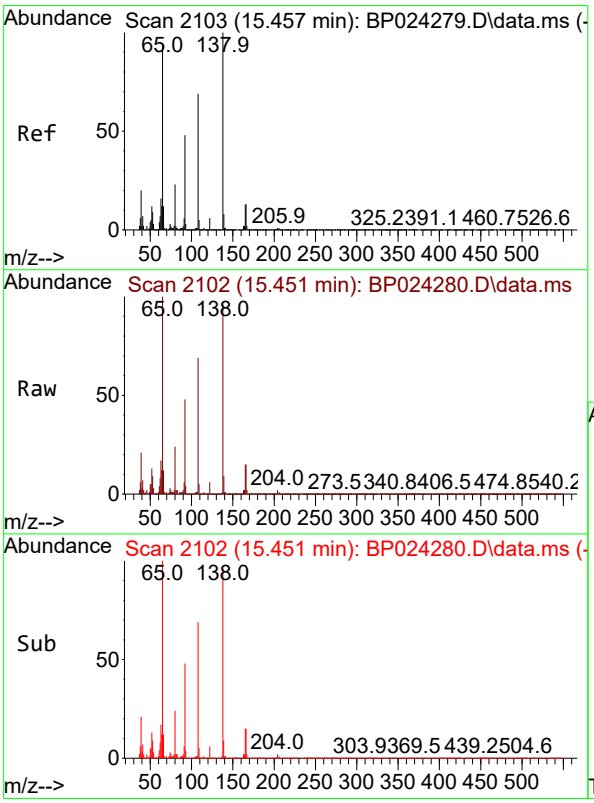
#61
4-Chlorophenyl-phenylether
Concen: 49.287 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1267291

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	62.8	49.4	74.0

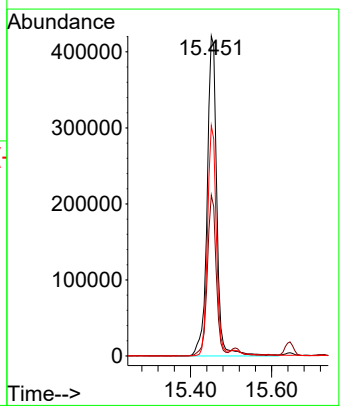


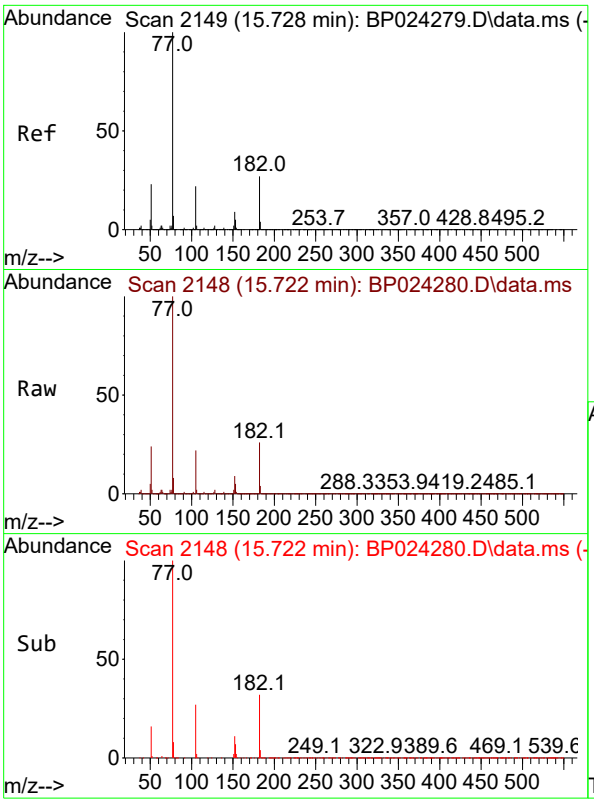


#62
4-Nitroaniline
Concen: 53.764 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:138 Resp: 691081

Ion	Ratio	Lower	Upper
138	100		
92	50.2	27.8	67.8
108	72.0	48.9	88.9



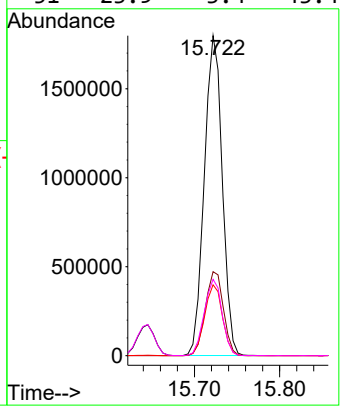


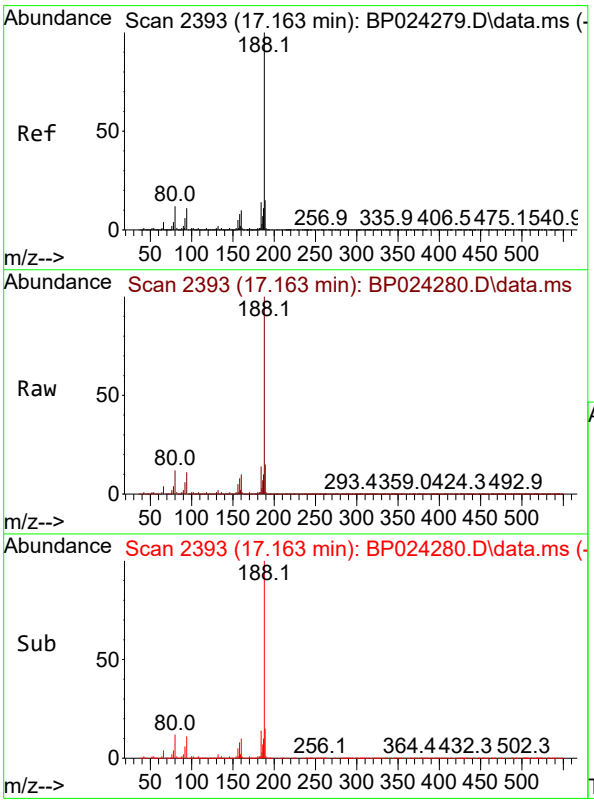
#63
Azobenzene
Concen: 50.076 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 2632843

Ion	Ratio	Lower	Upper
77	100		
182	26.3	7.3	47.3
105	22.1	2.3	42.3
51	23.9	3.4	43.4

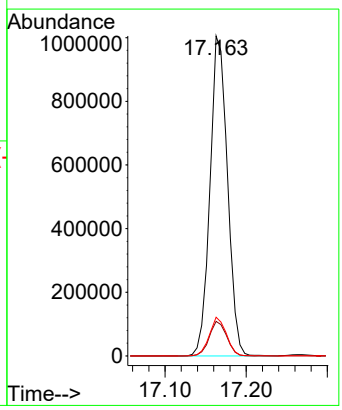


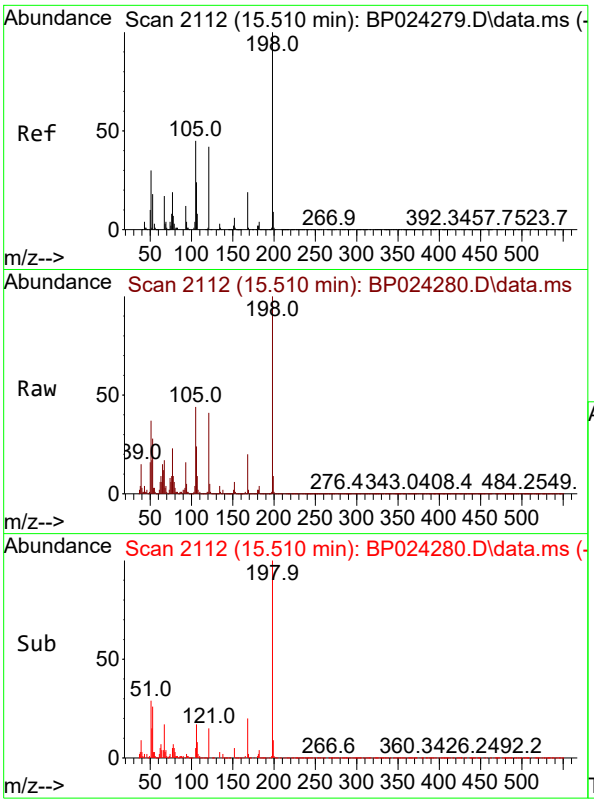


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:188 Resp: 1505097

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	12.1	9.8	14.6



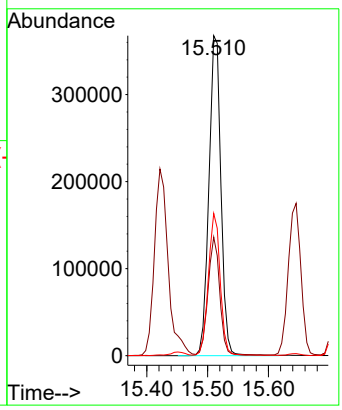


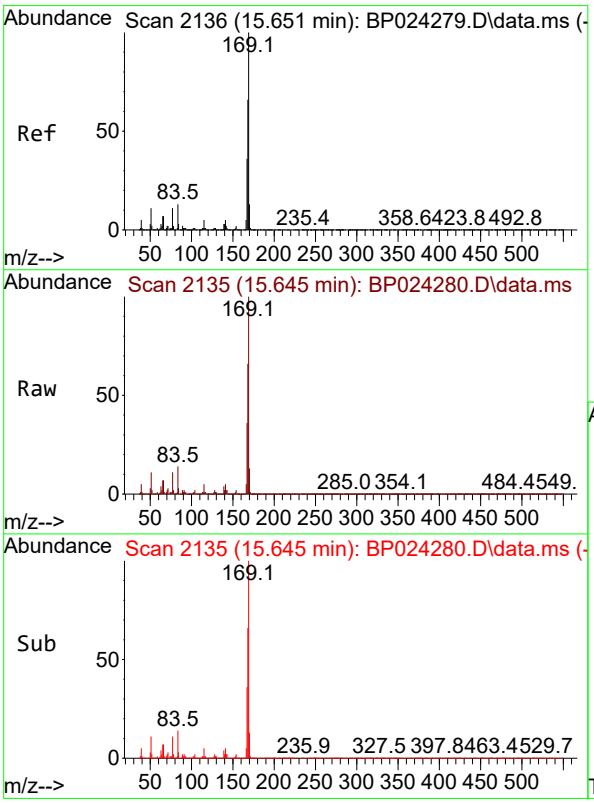
#65
4,6-Dinitro-2-methylphenol
Concen: 57.285 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 503765

Ion	Ratio	Lower	Upper
198	100		
51	37.1	18.4	58.4
105	44.5	26.5	66.5

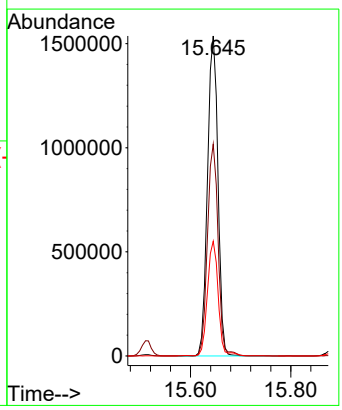


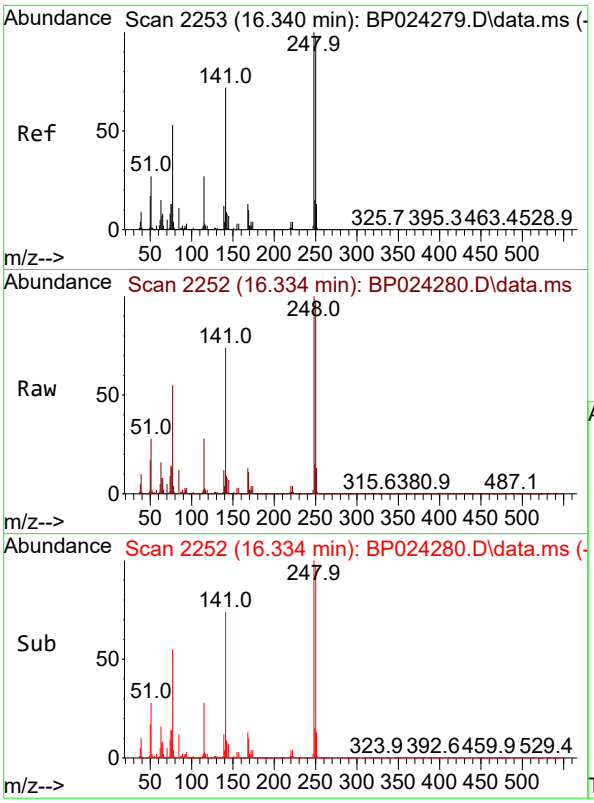


#66
n-Nitrosodiphenylamine
Concen: 49.312 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:169 Resp: 2225475

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.4
167	35.9	28.9	43.3



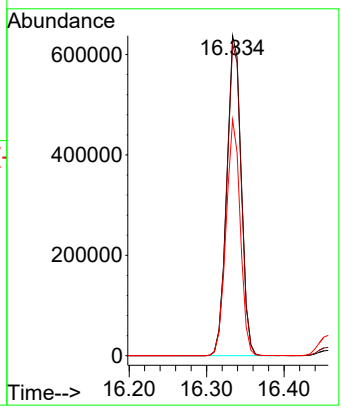


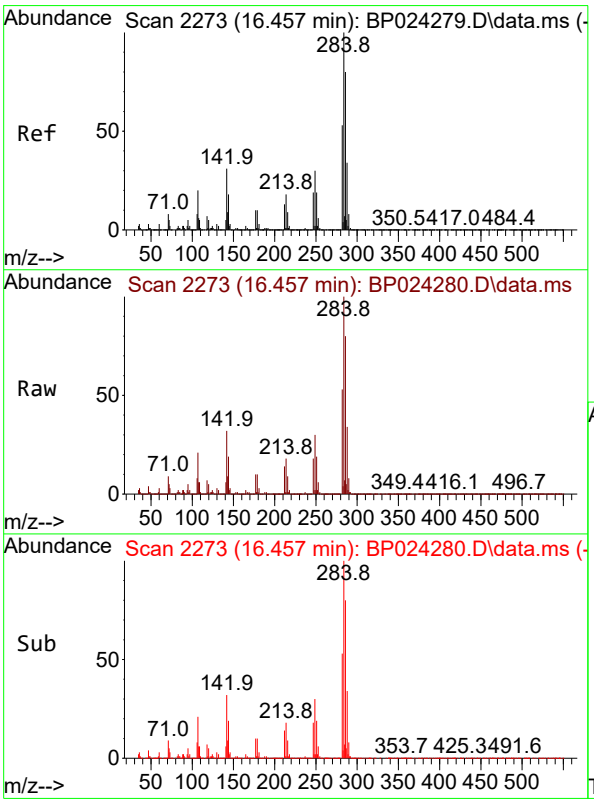
#67
4-Bromophenyl-phenylether
Concen: 50.389 ng
RT: 16.334 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 827245

Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.2	117.4
141	73.8	57.7	86.5

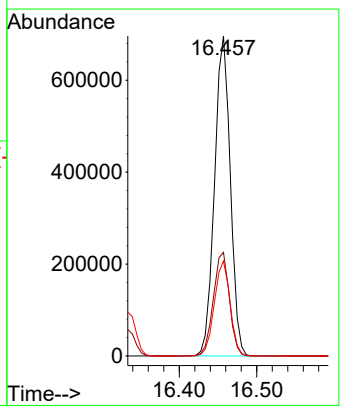


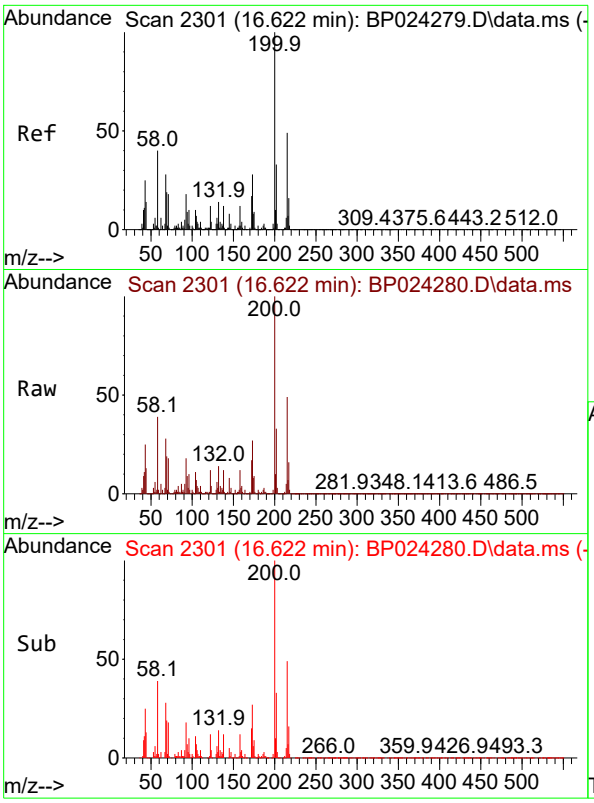


#68
Hexachlorobenzene
Concen: 50.405 ng
RT: 16.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:284 Resp: 983768

Ion	Ratio	Lower	Upper
284	100		
142	32.4	24.6	37.0
249	29.7	23.8	35.6



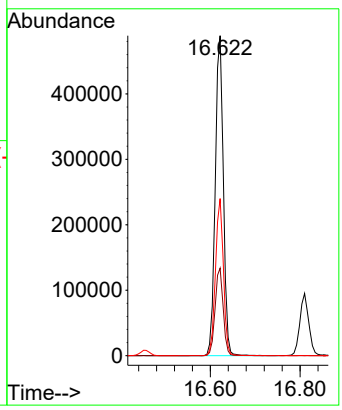


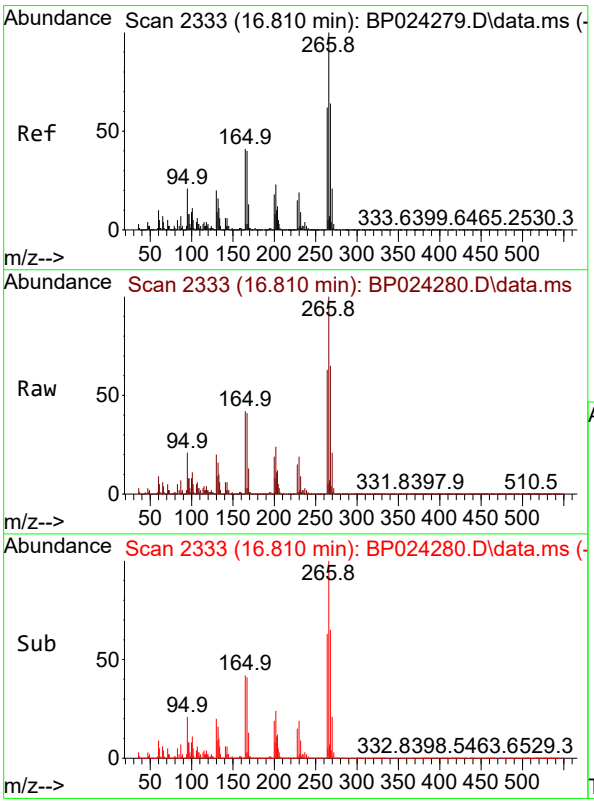
#69
Atrazine
Concen: 53.356 ng
RT: 16.622 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 610479

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.5	47.5
215	49.1	28.8	68.8

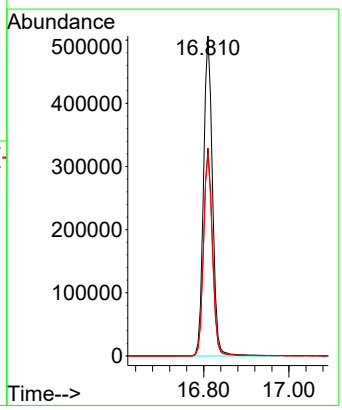


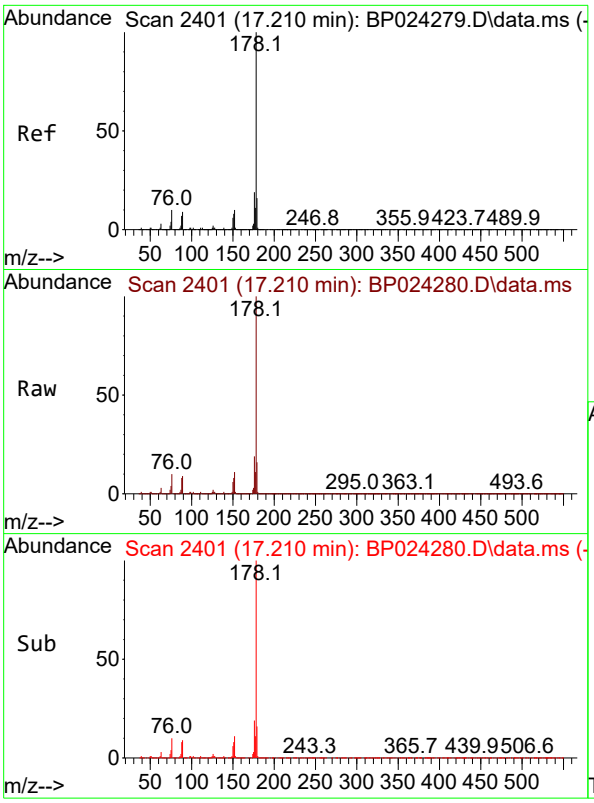


#70
Pentachlorophenol
Concen: 55.203 ng
RT: 16.810 min Scan# 2333
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:266 Resp: 739779

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.0	76.6
264	62.9	49.8	74.6



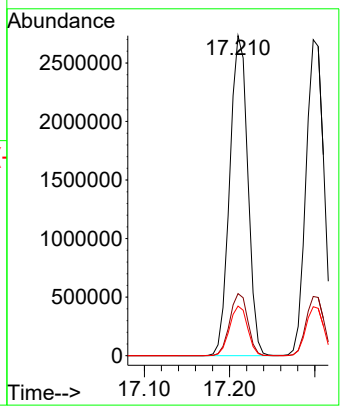


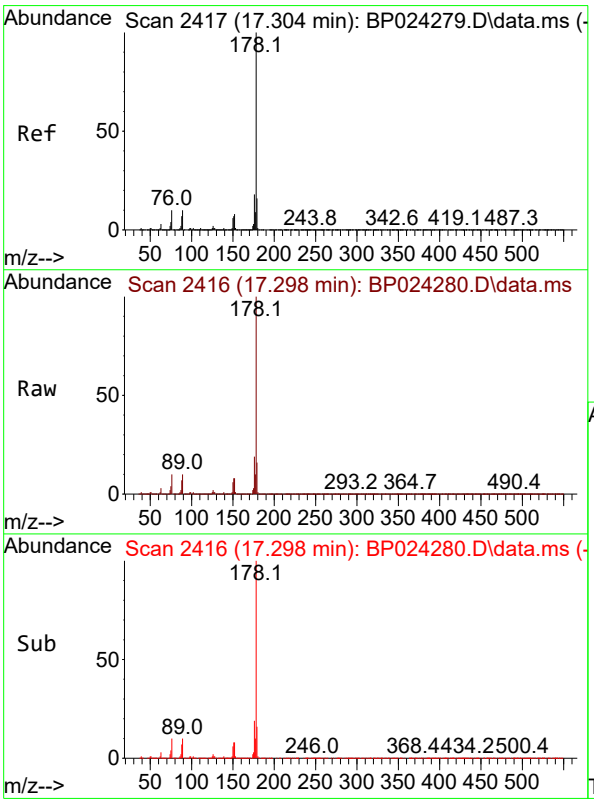
#71
Phenanthrene
Concen: 48.768 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 4024282

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.5	12.5	18.7

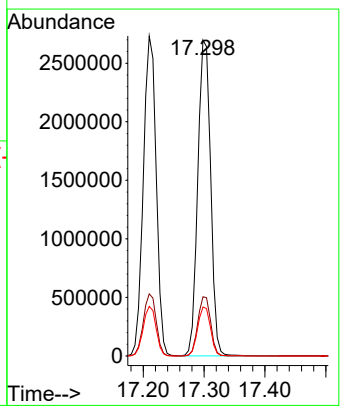


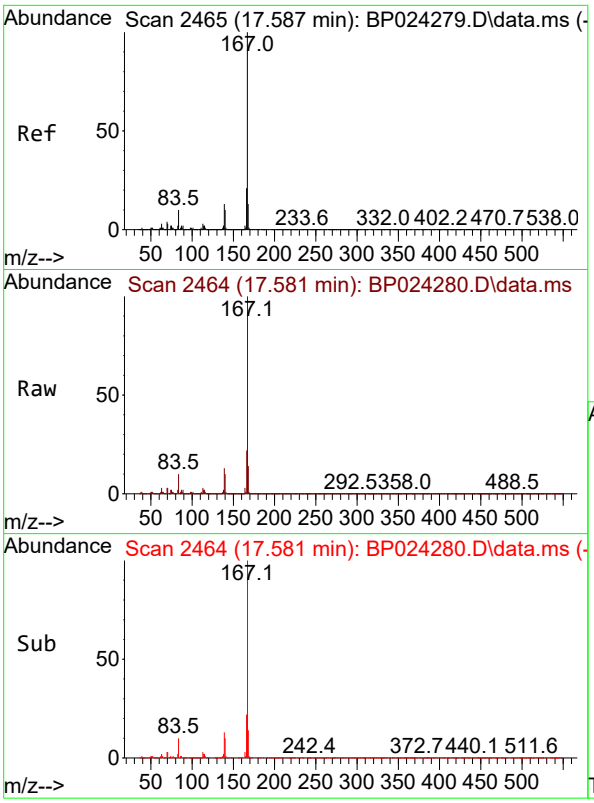


#72
Anthracene
Concen: 49.883 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:178 Resp: 3960913

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.5	12.4	18.6



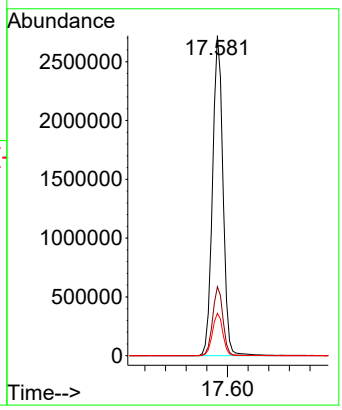


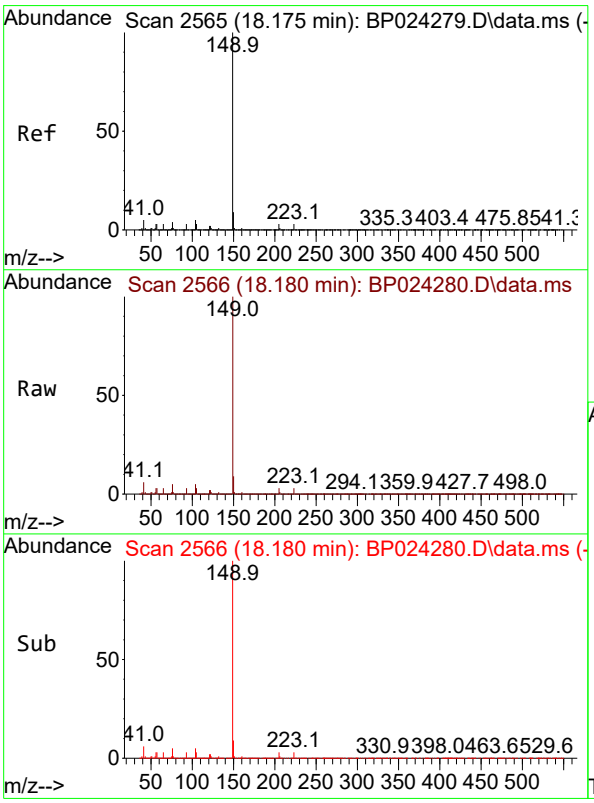
#73
Carbazole
Concen: 49.364 ng
RT: 17.581 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 3814743

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.3	10.6	16.0

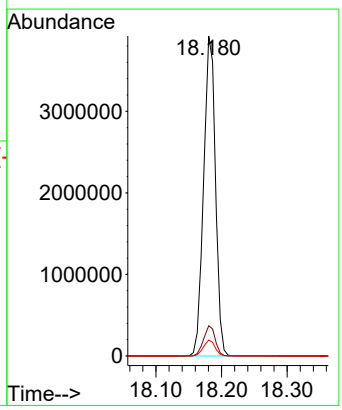


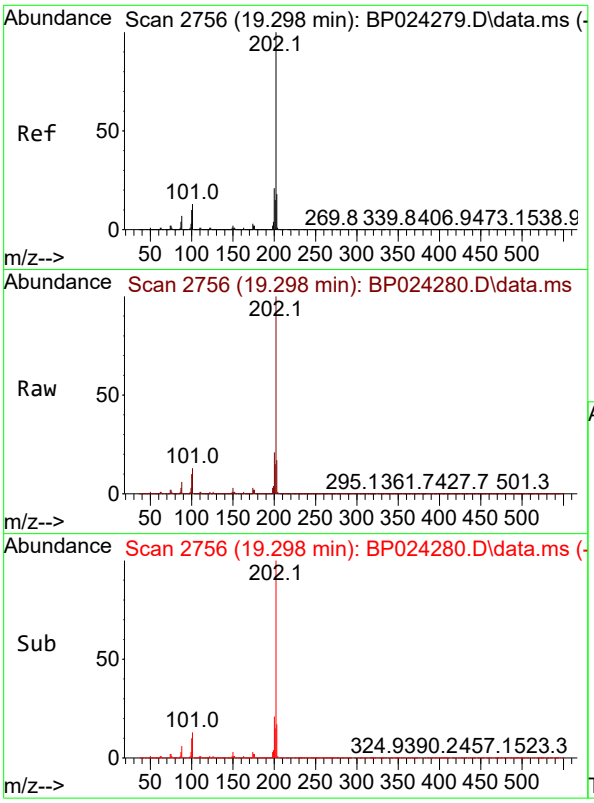


#74
Di-n-butylphthalate
Concen: 51.208 ng
RT: 18.180 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 4930617

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.0	3.9	5.9



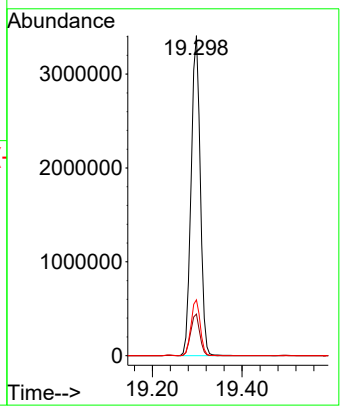


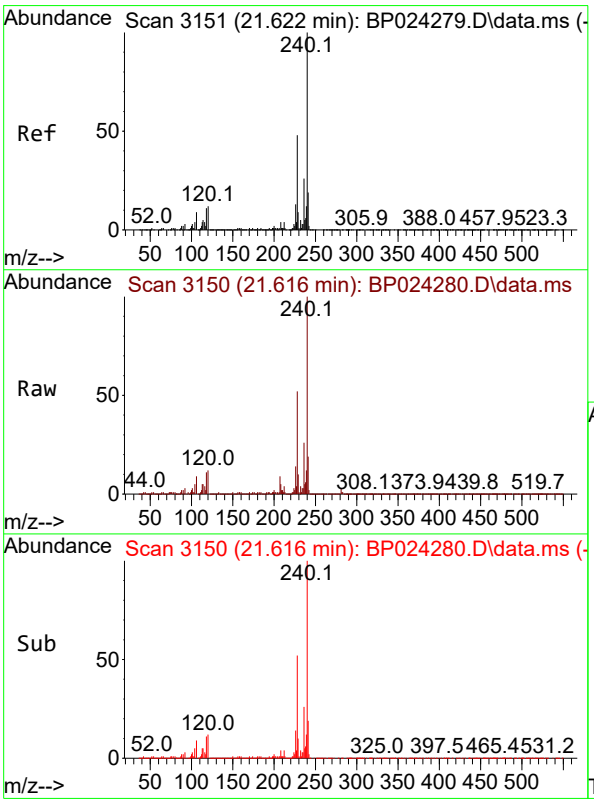
#75
Fluoranthene
Concen: 49.160 ng
RT: 19.298 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 4815021

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.4	0.0	37.7

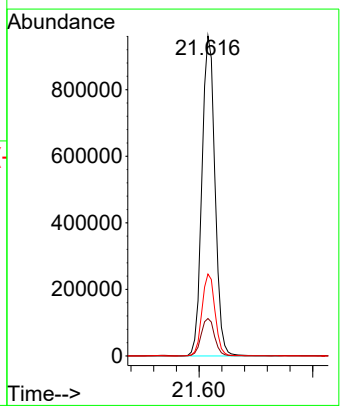


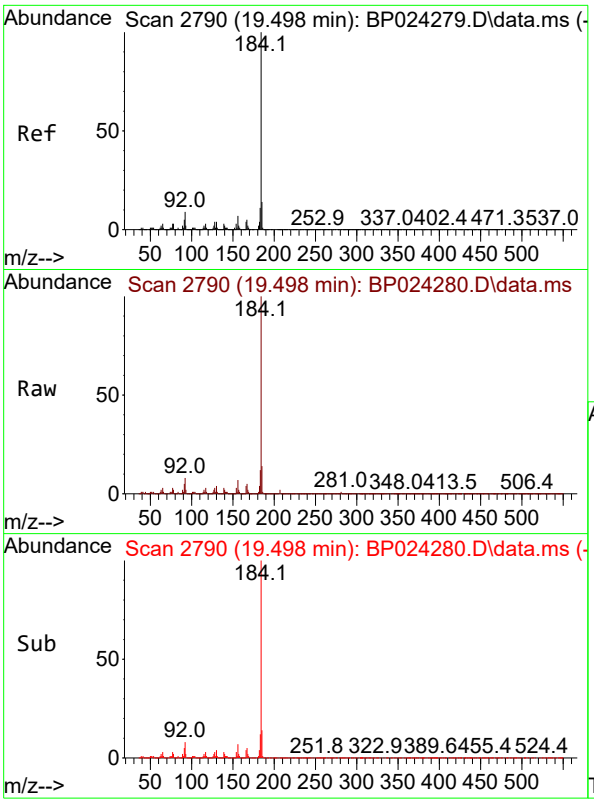


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:240 Resp: 1527193

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.8	14.8
236	25.6	20.9	31.3



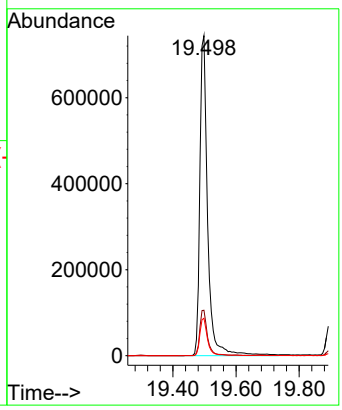


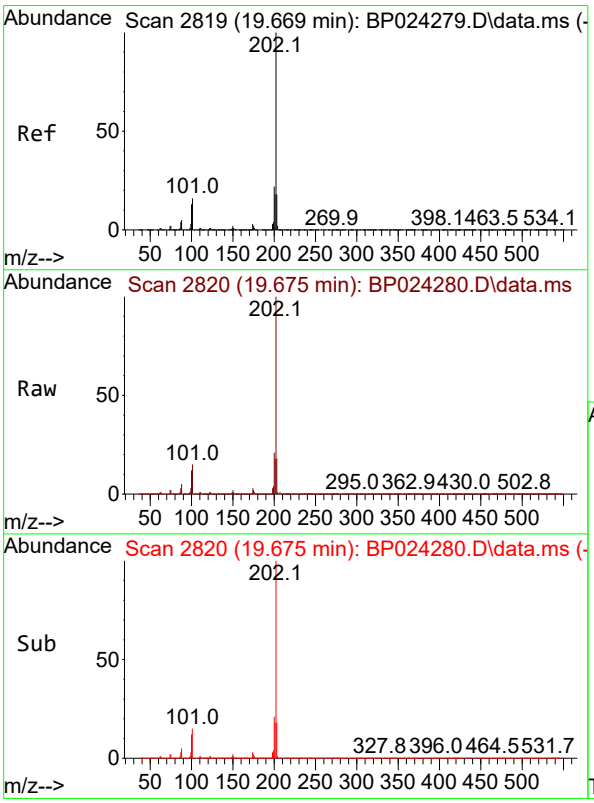
#77
Benzidine
Concen: 67.525 ng
RT: 19.498 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 1272924

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.6	17.4
183	11.7	9.2	13.8

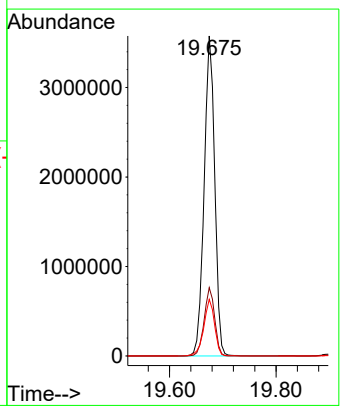


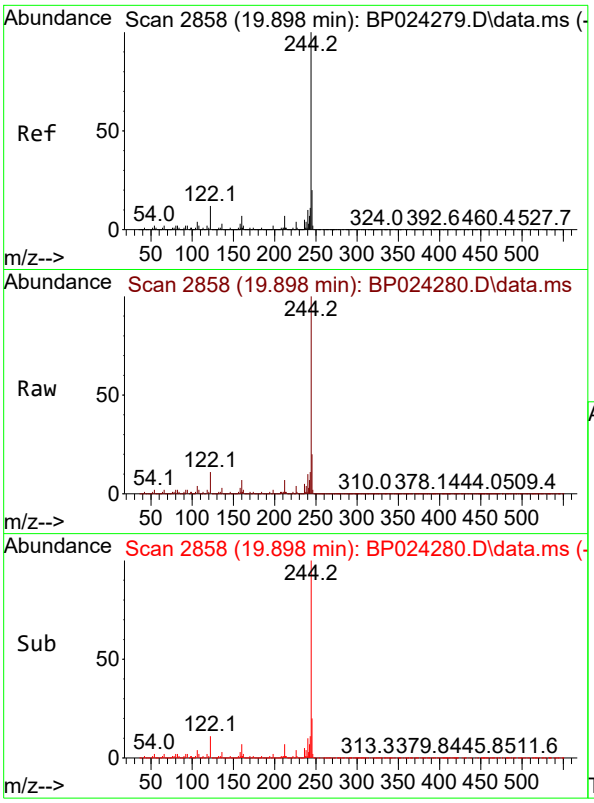


#78
Pyrene
Concen: 50.577 ng
RT: 19.675 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:202 Resp: 4942328

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.7	14.4	21.6



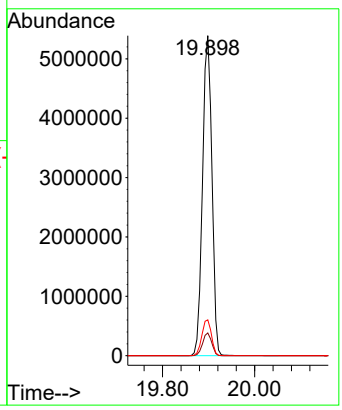


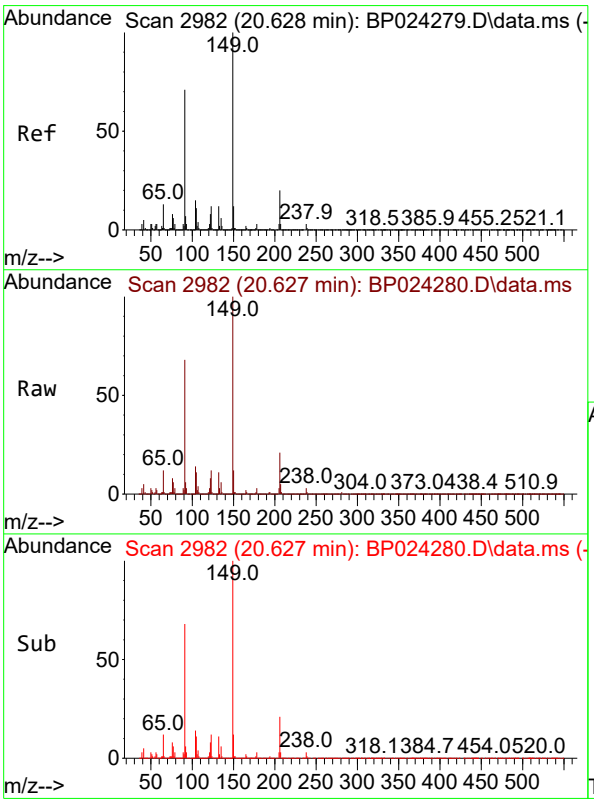
#79
Terphenyl-d14
Concen: 100.142 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 7671902

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.2	9.4	14.0

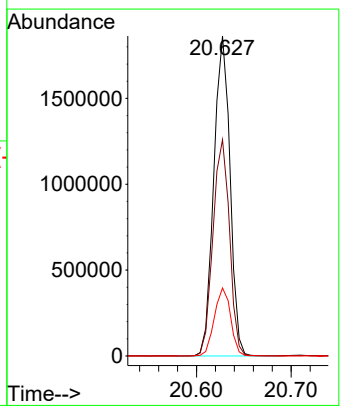


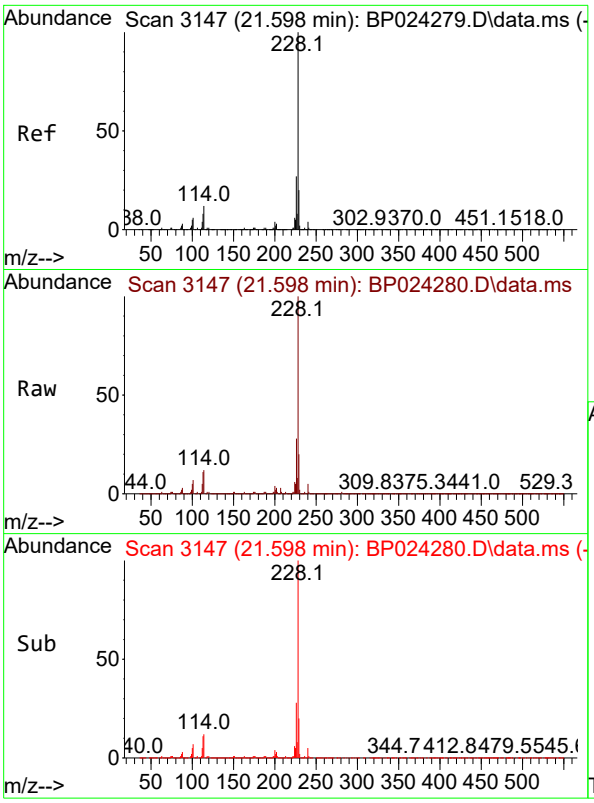


#80
Butylbenzylphthalate
Concen: 53.788 ng
RT: 20.627 min Scan# 2982
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 2215843

Ion	Ratio	Lower	Upper
149	100		
91	67.6	56.4	84.6
206	21.3	16.3	24.5



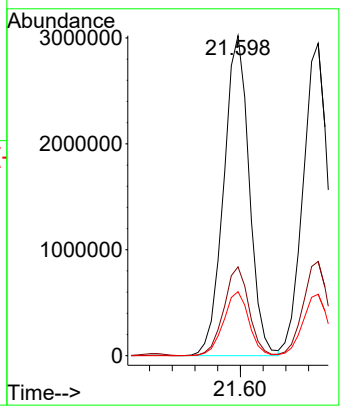


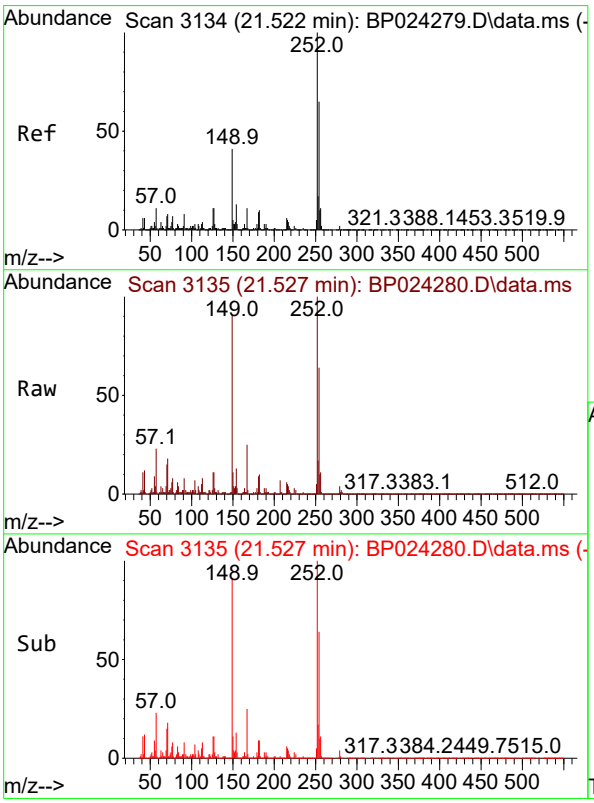
#81
Benzo(a)anthracene
Concen: 49.485 ng
RT: 21.598 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 4711301

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.0	15.9	23.9

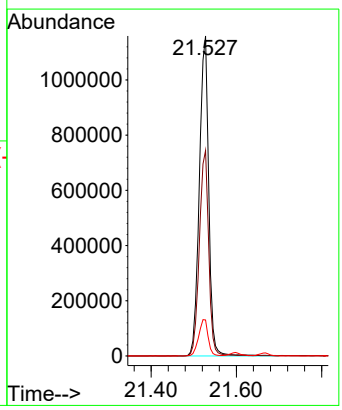


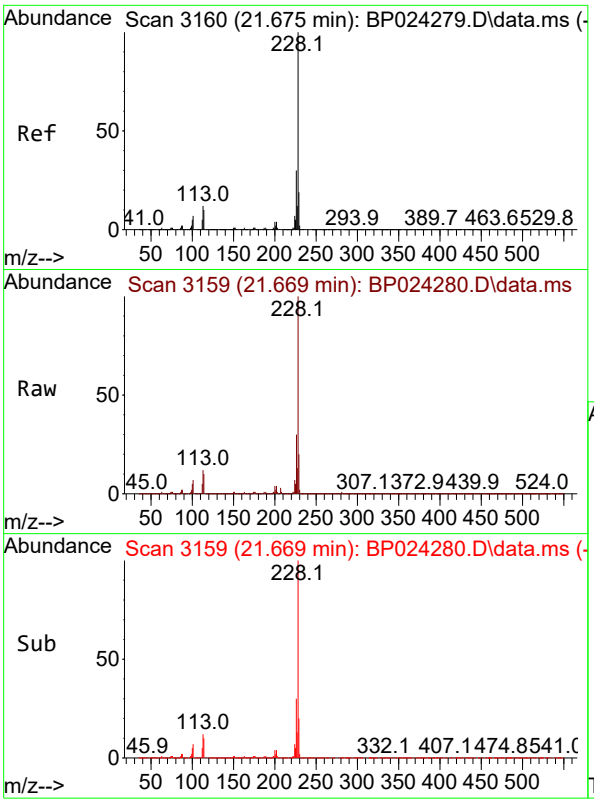


#82
3,3'-Dichlorobenzidine
Concen: 53.582 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:252 Resp: 1768950

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.7	77.5
126	11.3	8.8	13.2



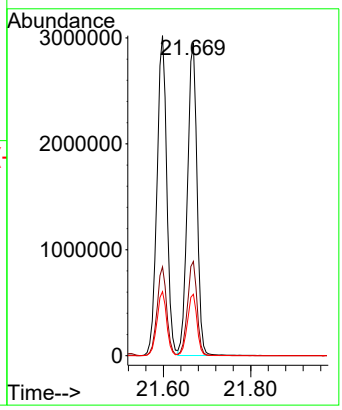


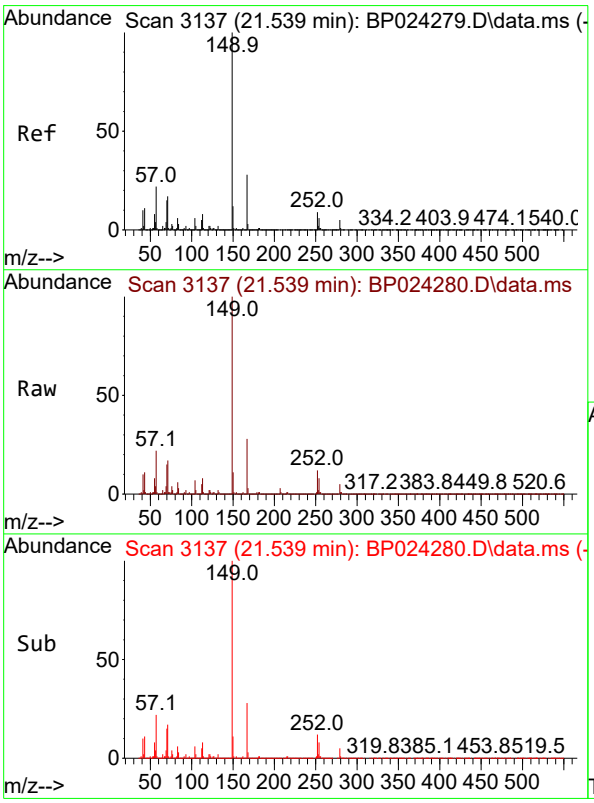
#83
Chrysene
Concen: 49.099 ng
RT: 21.669 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 4480150

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.7	15.6	23.4

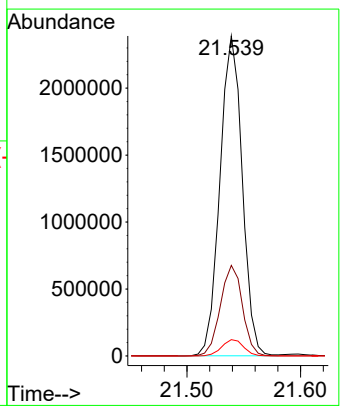


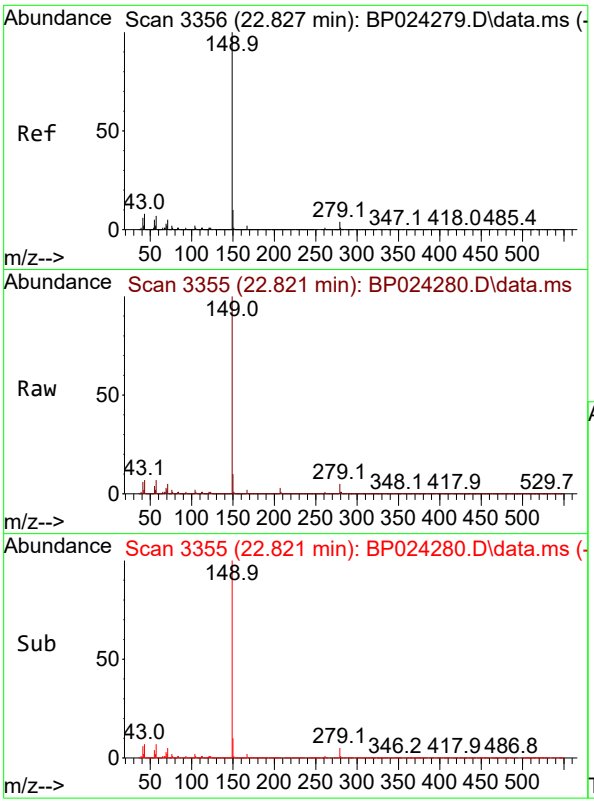


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.679 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 3256722

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.4	33.6
279	5.1	4.0	6.0



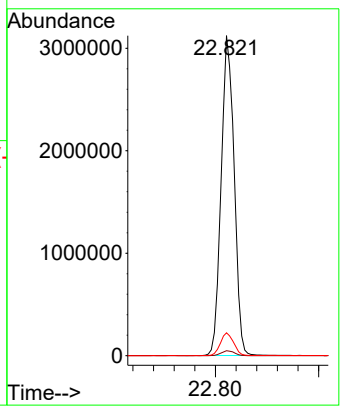


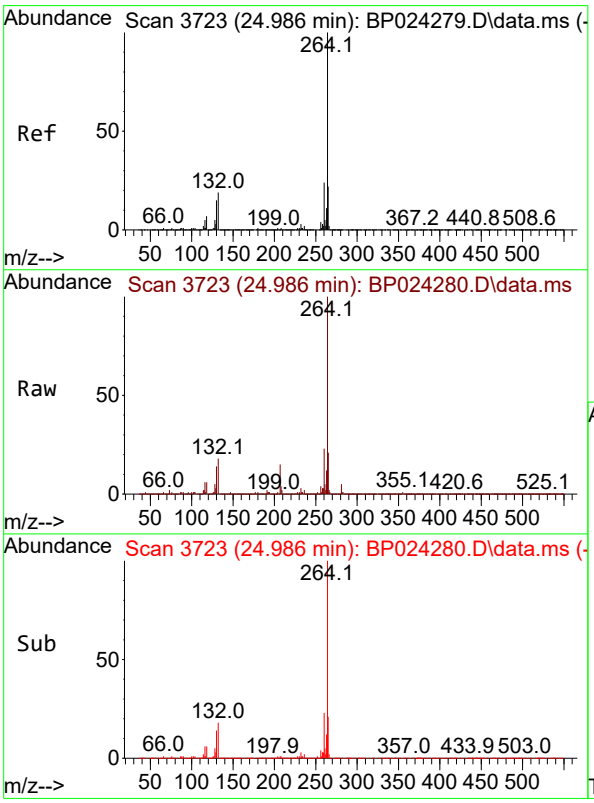
#85
Di-n-octyl phthalate
Concen: 56.166 ng
RT: 22.821 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 5458484

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.2	6.0	9.0

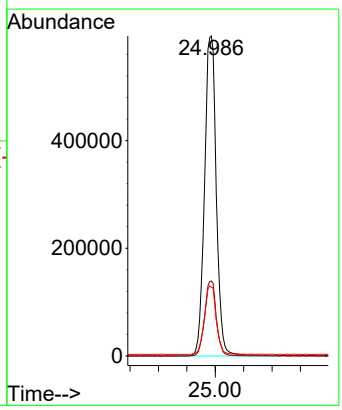


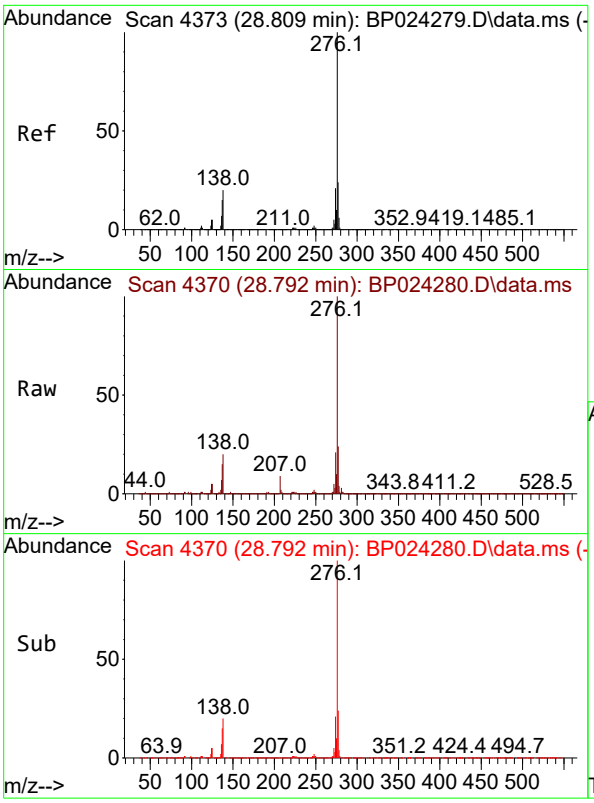


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3723
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:264 Resp: 1706545

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.5	17.8	26.6



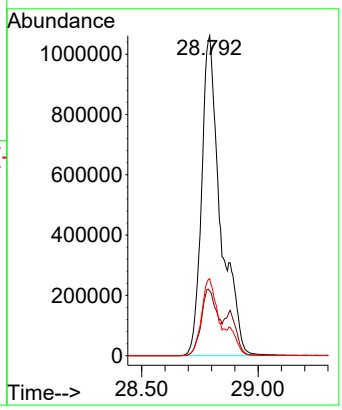


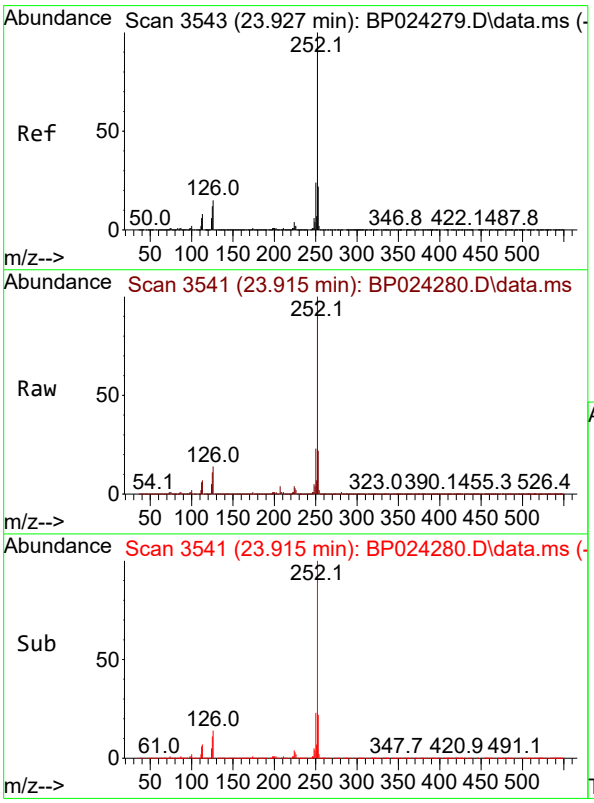
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.926 ng m
RT: 28.792 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 5977144

Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.5	21.7
277	20.8	20.2	30.2

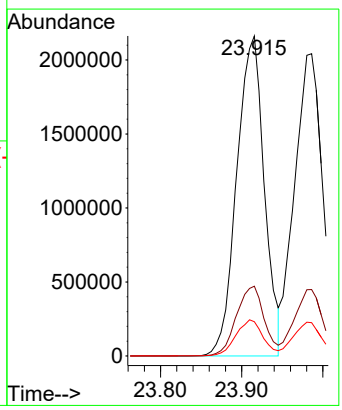


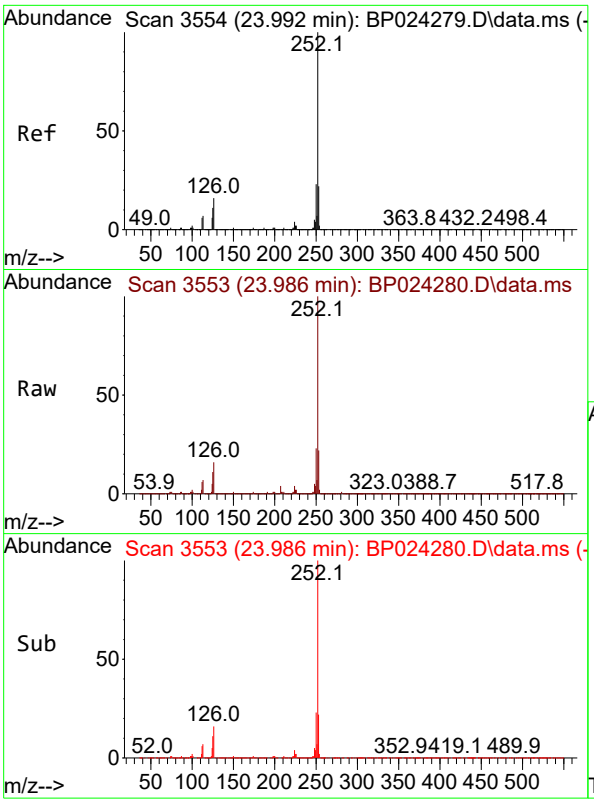


#88
Benzo(b)fluoranthene
Concen: 49.975 ng
RT: 23.915 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:252 Resp: 5102465

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.7	9.4	14.0



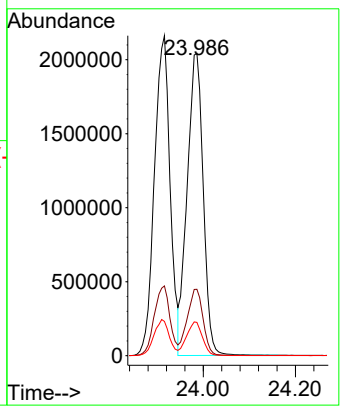


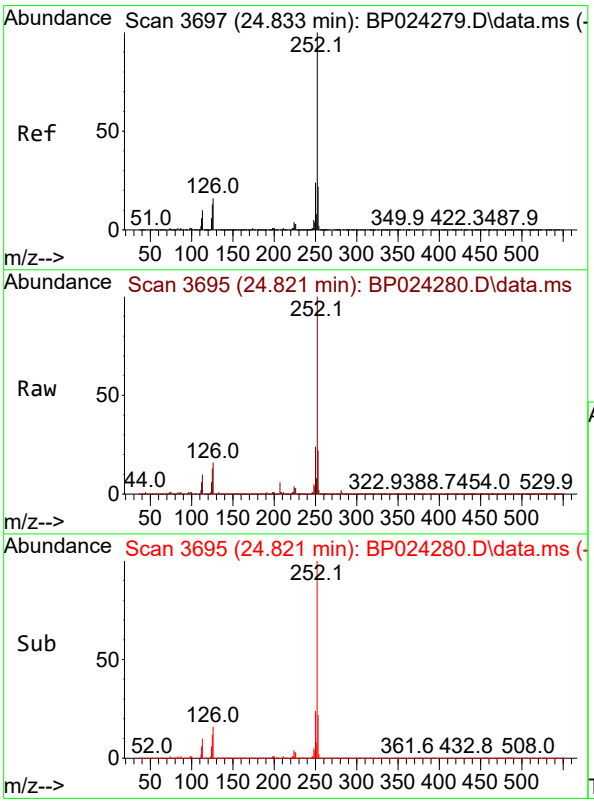
#89
Benzo(k)fluoranthene
Concen: 49.683 ng
RT: 23.986 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 4923203

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.0	9.1	13.7

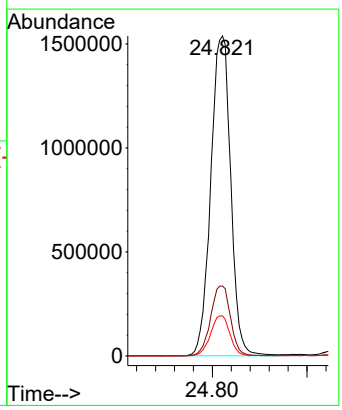


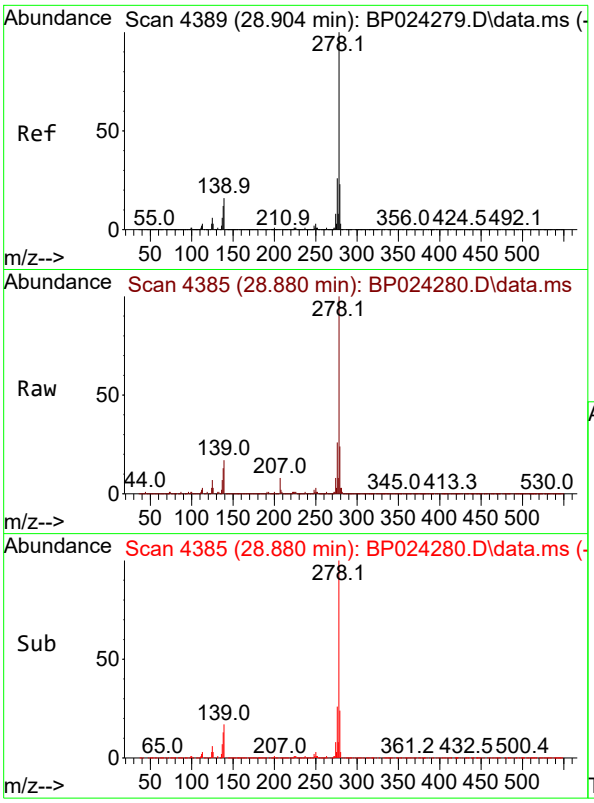


#90
Benzo(a)pyrene
Concen: 51.093 ng
RT: 24.821 min Scan# 3695
Delta R.T. -0.012 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:252 Resp: 4490517

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	12.5	10.1	15.1



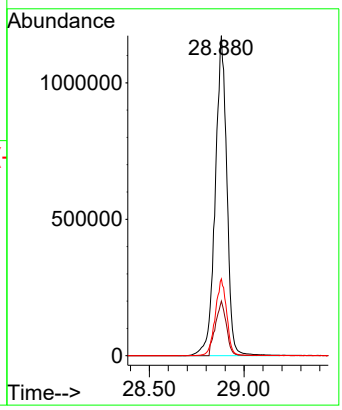


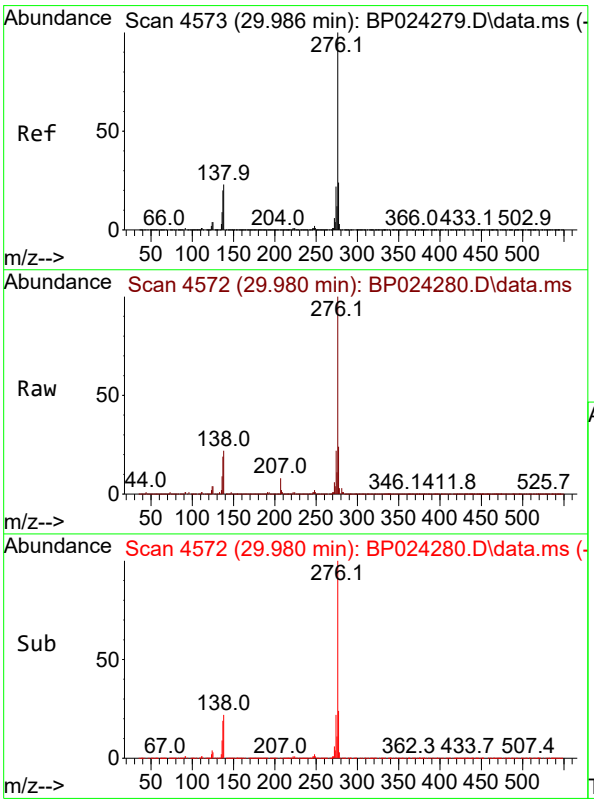
#91
Dibenzo(a,h)anthracene
Concen: 51.084 ng
RT: 28.880 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 4987219

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.6	19.0
279	24.0	18.5	27.7

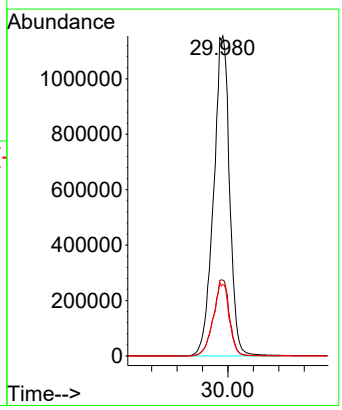




#92
Benzo(g,h,i)perylene
Concen: 50.656 ng
RT: 29.980 min Scan# 4572
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:276 Resp: 5033807

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.4	18.7	28.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024281.D
Acq On : 14 Apr 2025 16:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Apr 14 17:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	283549	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	1206231	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	777459	20.000	ng		0.00
64) Phenanthrene-d10	17.169	188	1536805	20.000	ng		0.00
76) Chrysene-d12	21.621	240	1596148	20.000	ng		0.00
86) Perylene-d12	24.986	264	1858365	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	2173071	126.481	ng		0.00
7) Phenol-d6	6.916	99	3009690	128.049	ng		0.00
23) Nitrobenzene-d5	8.881	82	2579126	121.729	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	1382037	129.818	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	5835791	113.964	ng		0.00
79) Terphenyl-d14	19.898	244	9228969	115.262	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	417124	56.869	ng		100
3) Pyridine	3.687	79	1176097m	61.599	ng		
4) n-Nitrosodimethylamine	3.599	42	391176	61.443	ng		99
6) Aniline	7.069	93	1214636	57.245	ng		100
8) 2-Chlorophenol	7.305	128	1190812	62.021	ng		99
9) Benzaldehyde	6.881	77	617878	50.755	ng		99
10) Phenol	6.946	94	1513303	64.123	ng		99
11) bis(2-Chloroethyl)ether	7.163	93	1155297	60.579	ng		100
12) 1,3-Dichlorobenzene	7.622	146	1218832	58.589	ng		100
13) 1,4-Dichlorobenzene	7.763	146	1244205	58.981	ng		100
14) 1,2-Dichlorobenzene	8.081	146	1199988	58.830	ng		100
15) Benzyl Alcohol	7.975	79	1002308	66.533	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.257	45	1187992	57.259	ng		99
17) 2-Methylphenol	8.175	107	978531	64.342	ng		99
18) Hexachloroethane	8.804	117	453349	59.545	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	883042	60.486	ng		99
20) 3+4-Methylphenols	8.499	107	1367005	64.895	ng		99
22) Acetophenone	8.546	105	1792666	59.797	ng	#	99
24) Nitrobenzene	8.922	77	1276229	60.775	ng		100
25) Isophorone	9.446	82	2365423	61.842	ng		99
26) 2-Nitrophenol	9.628	139	690735	68.504	ng		99
27) 2,4-Dimethylphenol	9.693	122	826335	64.660	ng		98
28) bis(2-Chloroethoxy)met...	9.922	93	1539129	59.124	ng		99
29) 2,4-Dichlorophenol	10.157	162	1124170	64.543	ng		99
30) 1,2,4-Trichlorobenzene	10.369	180	1138896	60.440	ng		99
31) Naphthalene	10.557	128	3790924	59.373	ng		99
32) Benzoic acid	9.869	122	1032910m	74.795	ng		
33) 4-Chloroaniline	10.675	127	1372601	61.527	ng		100
34) Hexachlorobutadiene	10.845	225	660129	59.719	ng		99
35) Caprolactam	11.475	113	437691	68.445	ng		99
36) 4-Chloro-3-methylphenol	11.804	107	1314421	64.762	ng		98
37) 2-Methylnaphthalene	12.169	142	2676555	60.487	ng		99
38) 1-Methylnaphthalene	12.387	142	2599119	59.960	ng		100
40) 1,2,4,5-Tetrachloroben...	12.540	216	1281552	59.981	ng		100
41) Hexachlorocyclopentadiene	12.522	237	459486	61.257	ng		99
43) 2,4,6-Trichlorophenol	12.787	196	909999	64.732	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024281.D
Acq On : 14 Apr 2025 16:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Apr 14 17:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	1017414	65.306	ng	99
46) 1,1'-Biphenyl	13.187	154	3330176	58.001	ng	99
47) 2-Chloronaphthalene	13.228	162	2542212	59.336	ng	99
48) 2-Nitroaniline	13.439	65	781584	66.042	ng	98
49) Acenaphthylene	14.087	152	4111553	61.143	ng	99
50) Dimethylphthalate	13.828	163	3404463	60.022	ng	100
51) 2,6-Dinitrotoluene	13.939	165	764810	63.998	ng	98
52) Acenaphthene	14.434	154	2516981	58.858	ng	99
53) 3-Nitroaniline	14.275	138	793796	64.022	ng	99
54) 2,4-Dinitrophenol	14.486	184	490497	76.655	ng	97
55) Dibenzofuran	14.775	168	4124640	58.810	ng	100
56) 4-Nitrophenol	14.598	139	754038	70.748	ng	99
57) 2,4-Dinitrotoluene	14.739	165	1079633	66.836	ng	98
58) Fluorene	15.434	166	3184960	58.817	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	909497	63.097	ng	100
60) Diethylphthalate	15.204	149	3495577	59.879	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	1563042	59.442	ng	99
62) 4-Nitroaniline	15.457	138	886163	67.414	ng	98
63) Azobenzene	15.728	77	3229873	60.070	ng	98
65) 4,6-Dinitro-2-methylph...	15.516	198	647253	72.083	ng	94
66) n-Nitrosodiphenylamine	15.651	169	2805137	60.874	ng	100
67) 4-Bromophenyl-phenylether	16.339	248	1038071	61.926	ng	98
68) Hexachlorobenzene	16.457	284	1239550	62.200	ng	97
70) Pentachlorophenol	16.816	266	936562	68.445	ng	100
71) Phenanthrene	17.222	178	4988840	59.209	ng	99
72) Anthracene	17.310	178	4938117	60.907	ng	99
73) Carbazole	17.592	167	4780408	60.584	ng	99
74) Di-n-butylphthalate	18.186	149	6167206	62.730	ng	100
75) Fluoranthene	19.304	202	6009748	60.092	ng	98
77) Benzidine	19.504	184	1446166	73.401	ng	100
78) Pyrene	19.680	202	6250781	61.204	ng	100
80) Butylbenzylphthalate	20.621	149	2840001	65.961	ng	98
81) Benzo(a)anthracene	21.604	228	6002059	60.318	ng	99
82) 3,3'-Dichlorobenzidine	21.521	252	2323294	67.333	ng	100
83) Chrysene	21.674	228	5714775	59.924	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	4153128	65.497	ng	99
85) Di-n-octyl phthalate	22.839	149	7116217	70.060	ng	99
87) Indeno(1,2,3-cd)pyrene	28.821	276	8057576m	63.043	ng	
88) Benzo(b)fluoranthene	23.927	252	6715444	60.400	ng	99
89) Benzo(k)fluoranthene	24.004	252	6500782	60.244	ng	99
90) Benzo(a)pyrene	24.827	252	5964163	62.316	ng	99
91) Dibenzo(a,h)anthracene	28.892	278	6614173	62.214	ng	98
92) Benzo(g,h,i)perylene	30.003	276	6740929	62.294	ng	98

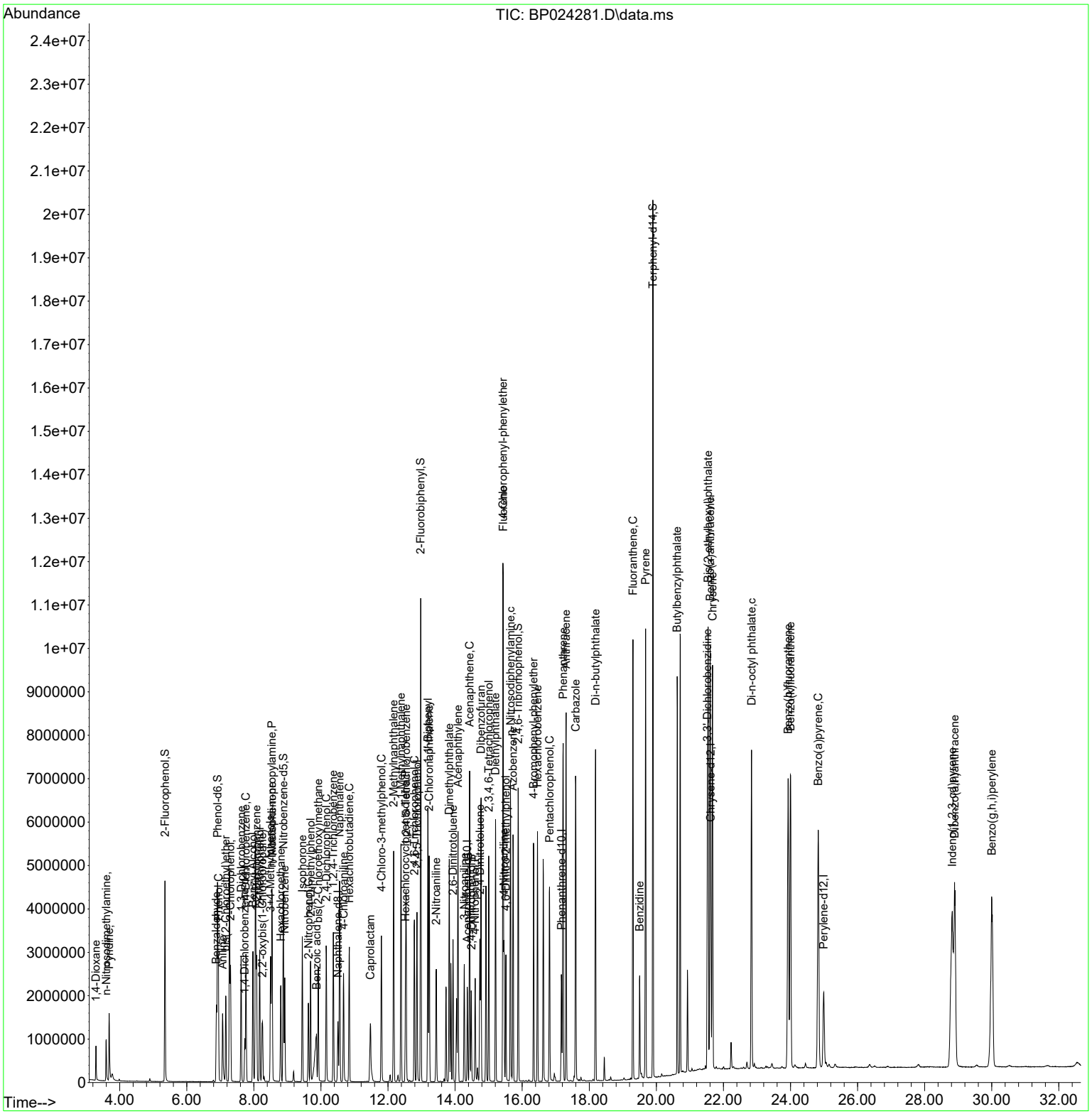
(#) = qualifier out of range (m) = manual integration (+) = signals summed

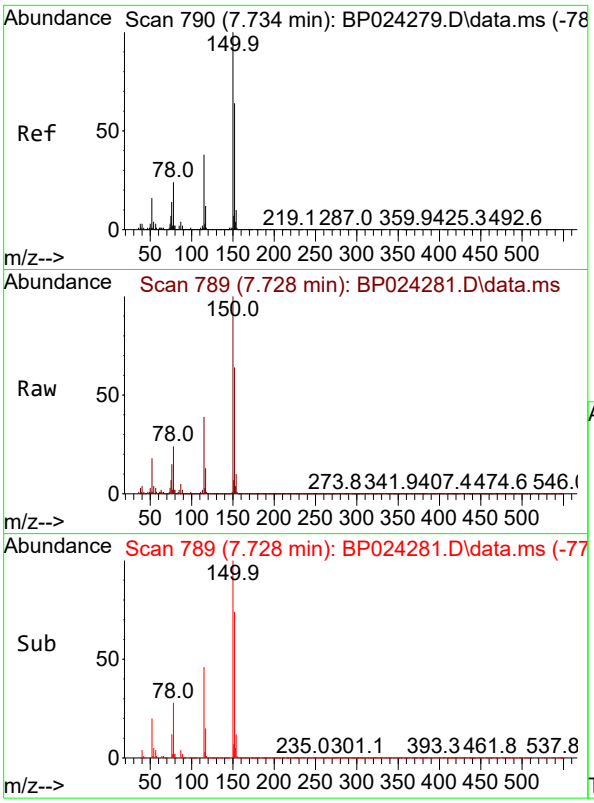
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024281.D
Acq On : 14 Apr 2025 16:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Apr 14 17:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



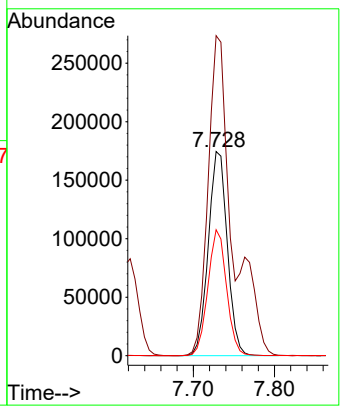


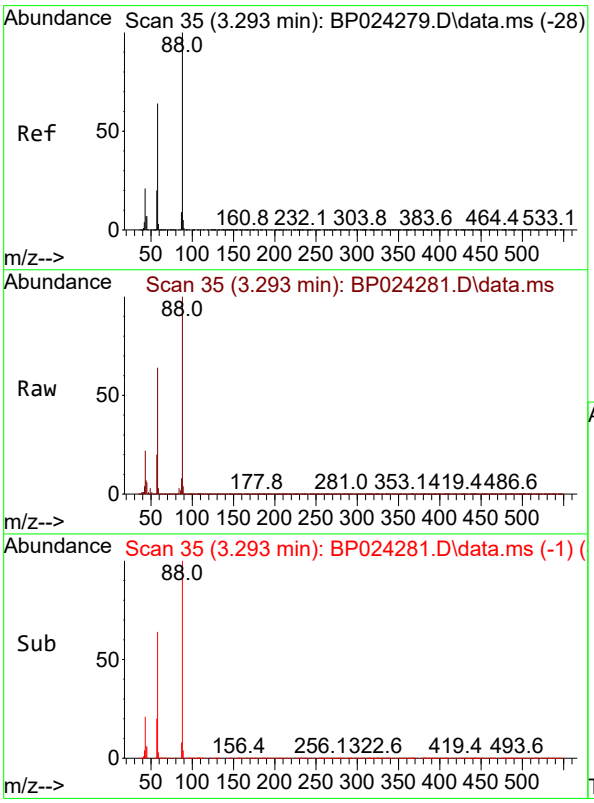
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 283549

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	61.7	47.7	71.5

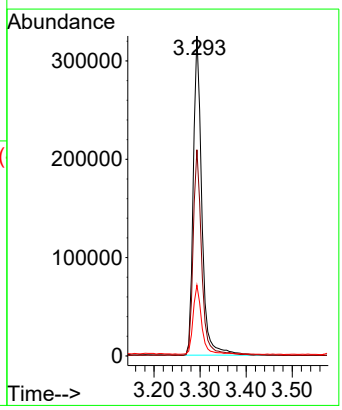


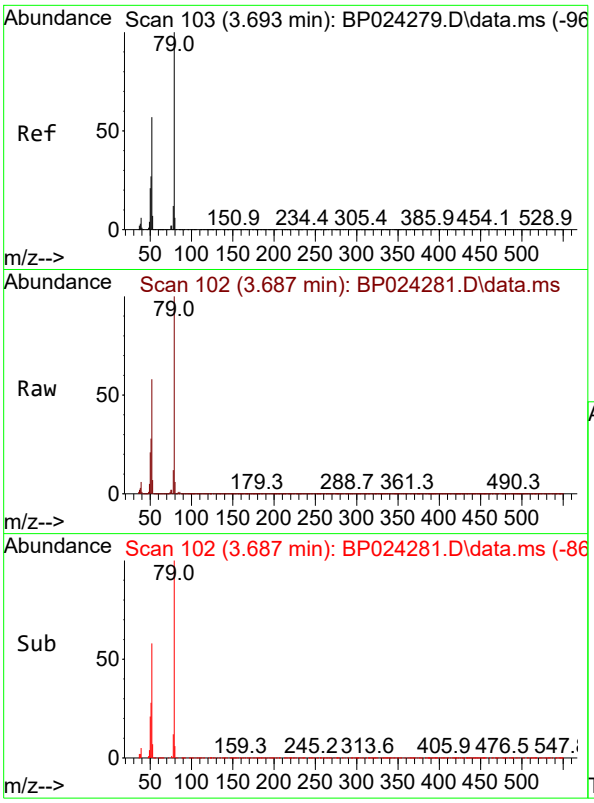


#2
1,4-Dioxane
Concen: 56.869 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 88 Resp: 417124

Ion	Ratio	Lower	Upper
88	100		
58	64.4	51.4	77.2
43	21.4	17.1	25.7



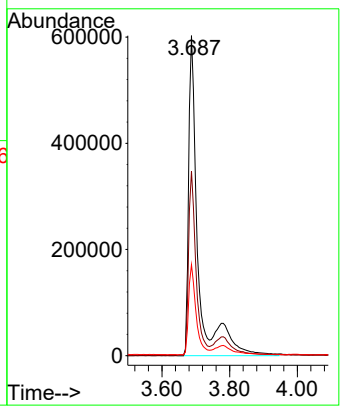


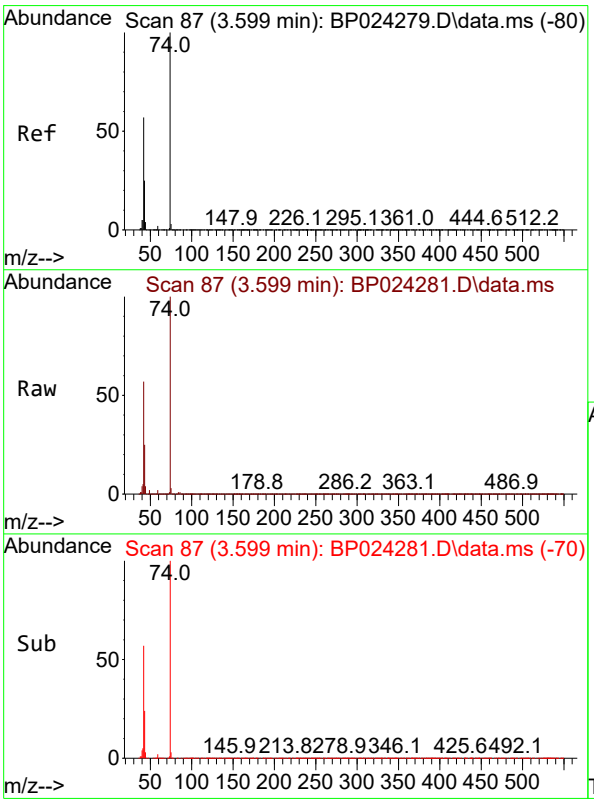
#3
Pyridine
Concen: 61.599 ng m
RT: 3.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1176097

Ion	Ratio	Lower	Upper
79	100		
52	57.7	45.4	68.2
51	28.4	22.6	33.8

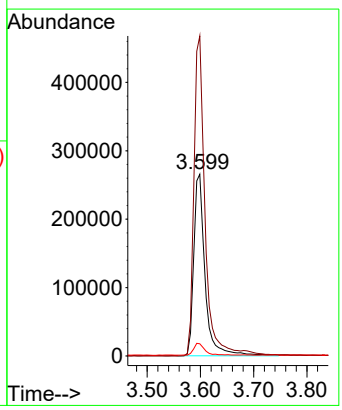


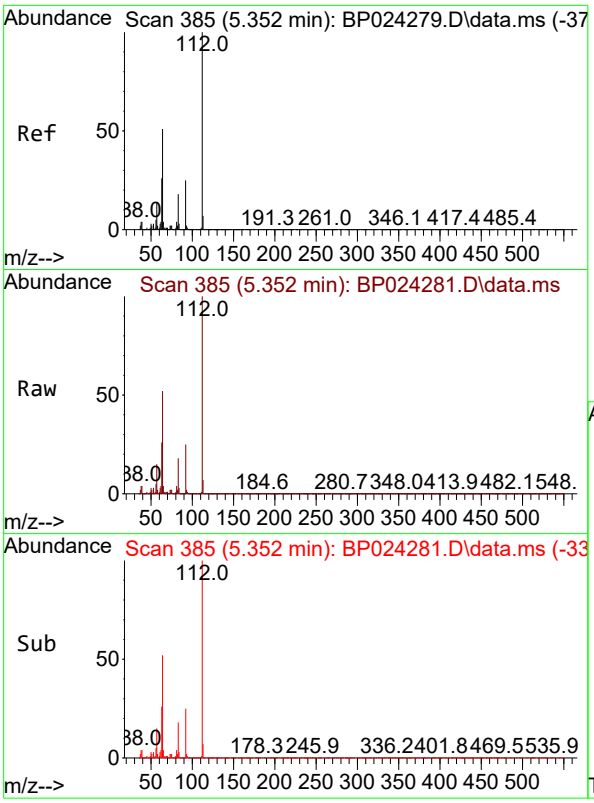


#4
n-Nitrosodimethylamine
Concen: 61.443 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 42 Resp: 391176

Ion	Ratio	Lower	Upper
42	100		
74	176.0	139.5	209.3
44	6.7	5.8	8.8



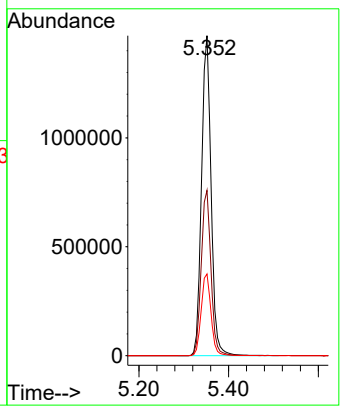


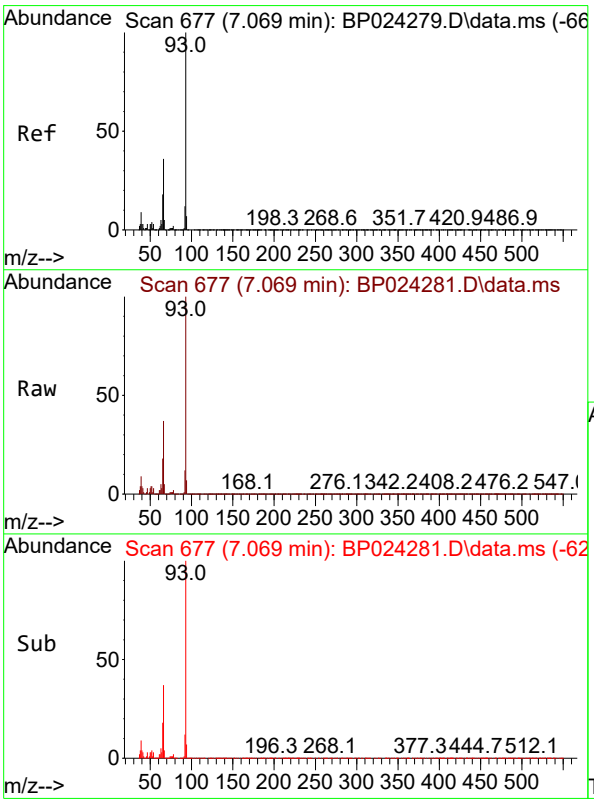
#5
2-Fluorophenol
Concen: 126.481 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 2173071

Ion	Ratio	Lower	Upper
112	100		
64	51.6	41.1	61.7
63	25.5	20.6	30.8

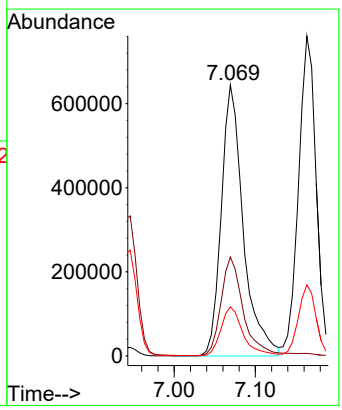


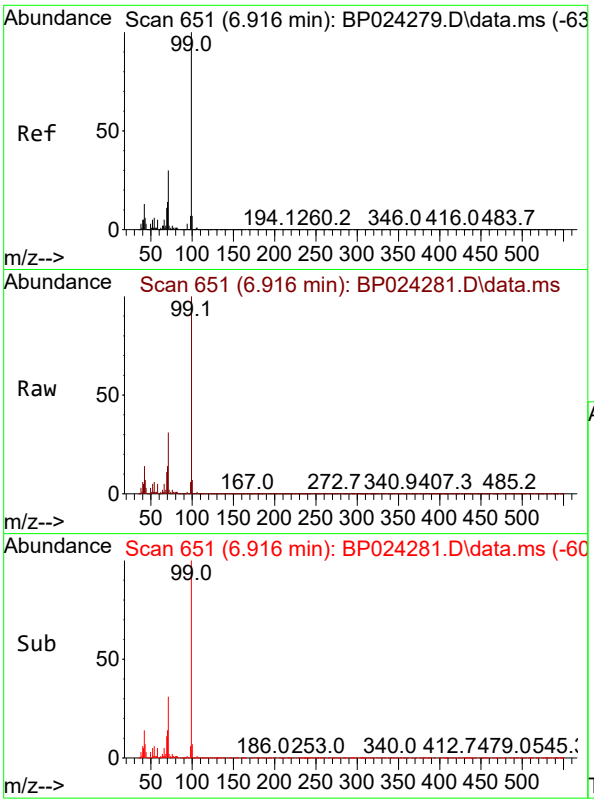


#6
Aniline
Concen: 57.245 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 93 Resp: 1214636

Ion	Ratio	Lower	Upper
93	100		
66	36.6	29.1	43.7
65	18.1	14.7	22.1



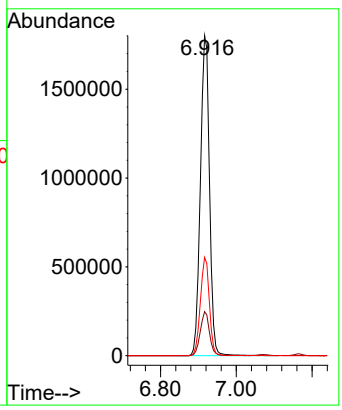


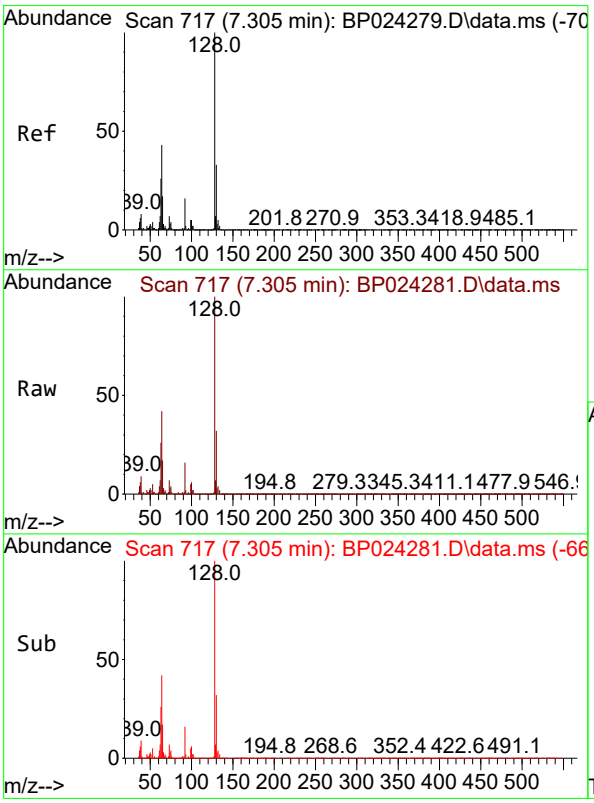
#7
Phenol-d6
Concen: 128.049 ng
RT: 6.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 3009690

Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.6	16.0
71	30.8	23.7	35.5

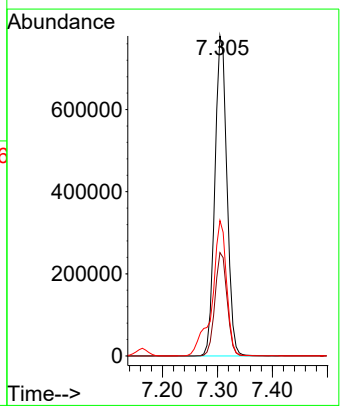


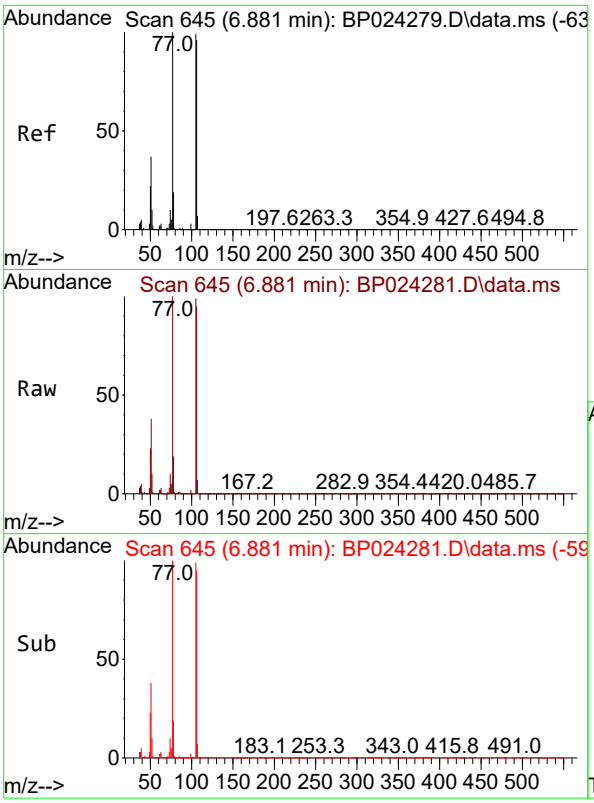


#8
2-Chlorophenol
Concen: 62.021 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:128 Resp: 1190812

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	42.3	22.7	62.7



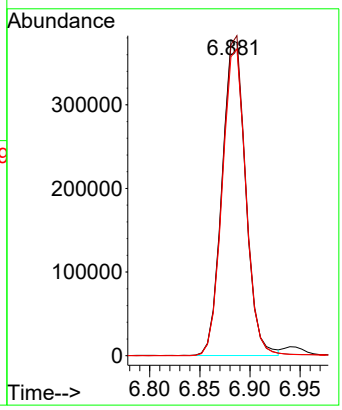


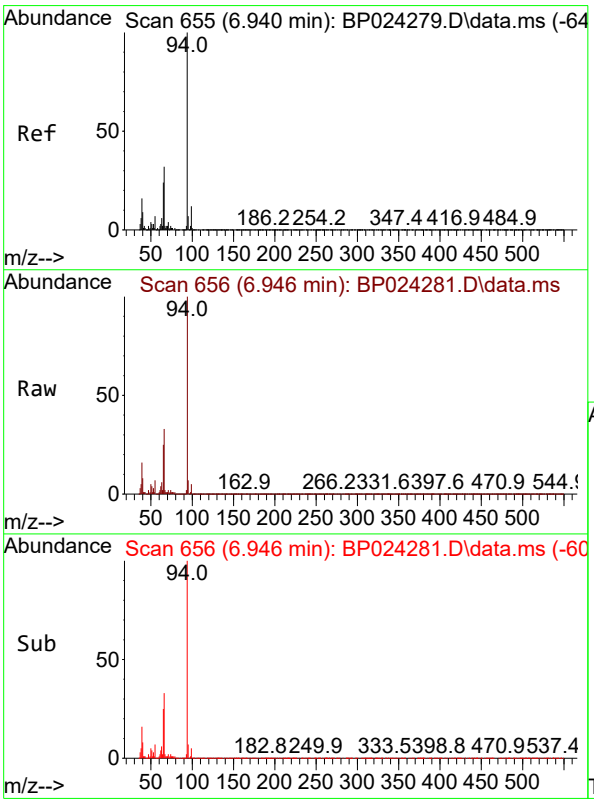
#9
Benzaldehyde
Concen: 50.755 ng
RT: 6.881 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 617878

Ion	Ratio	Lower	Upper
77	100		
105	98.5	79.2	119.2
106	94.7	76.2	116.2

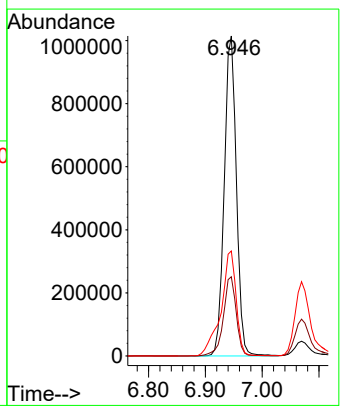


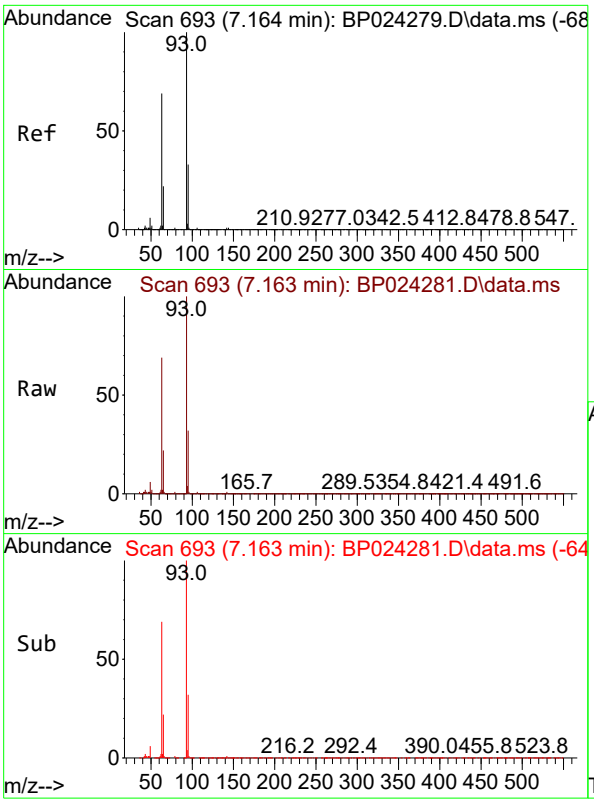


#10
Phenol
Concen: 64.123 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 94 Resp: 1513303

Ion	Ratio	Lower	Upper
94	100		
65	24.8	4.5	44.5
66	32.8	12.4	52.4



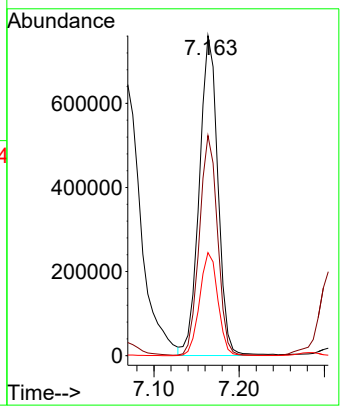


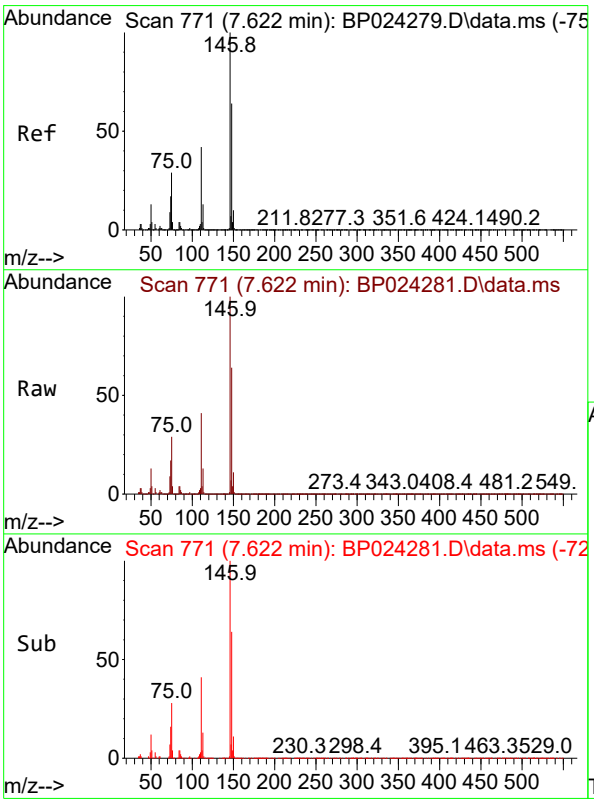
#11
bis(2-Chloroethyl)ether
Concen: 60.579 ng
RT: 7.163 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 1155297

Ion	Ratio	Lower	Upper
93	100		
63	68.8	48.6	88.6
95	32.2	12.3	52.3

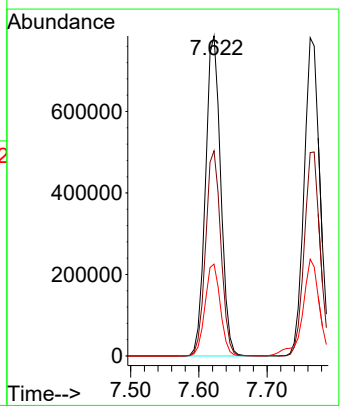


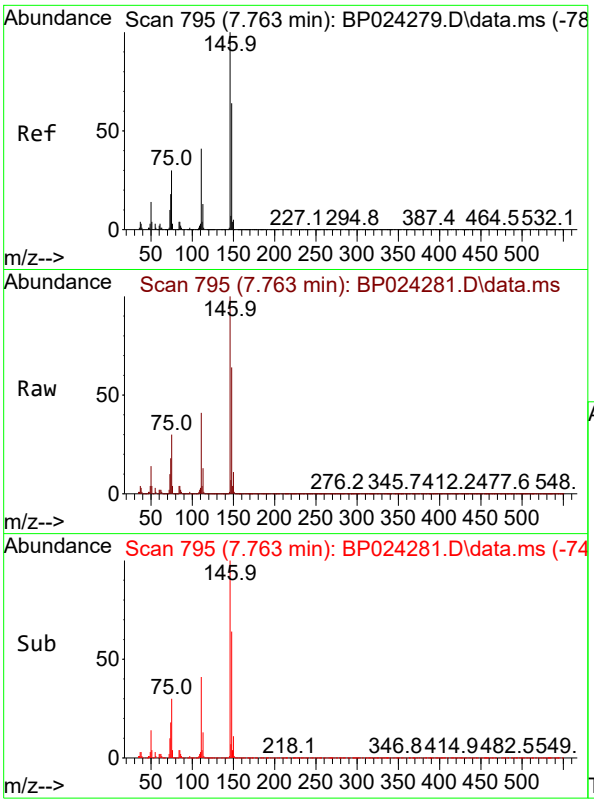


#12
1,3-Dichlorobenzene
Concen: 58.589 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:146 Resp: 1218832

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	28.7	22.9	34.3



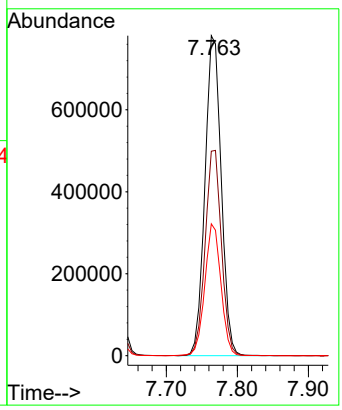


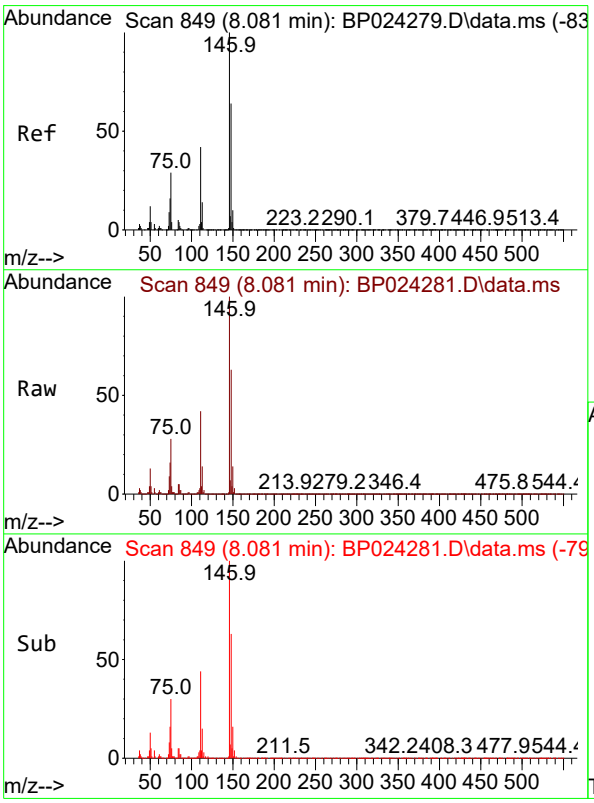
#13
1,4-Dichlorobenzene
Concen: 58.981 ng
RT: 7.763 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1244205

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	41.2	32.6	48.8

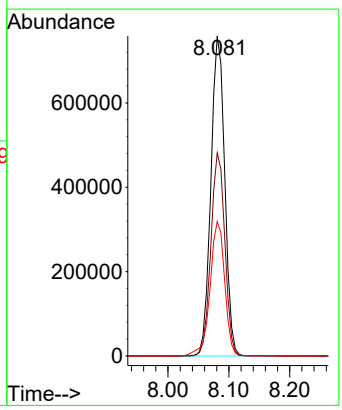


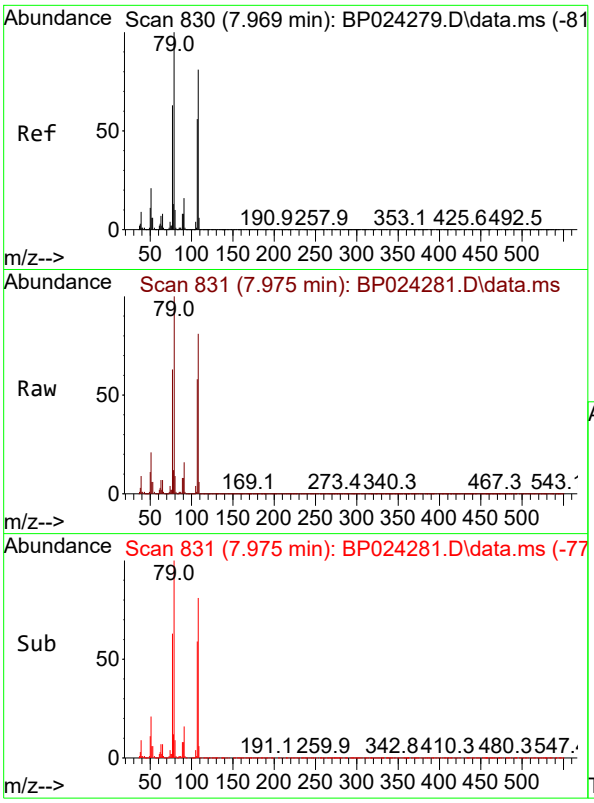


#14
1,2-Dichlorobenzene
Concen: 58.830 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:146 Resp: 1199988

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	42.0	33.8	50.8



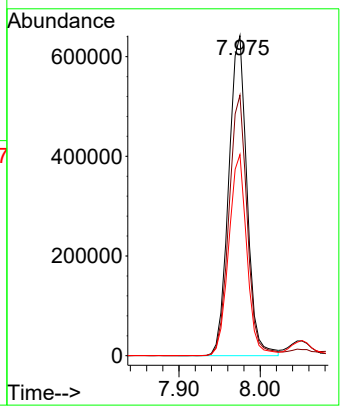


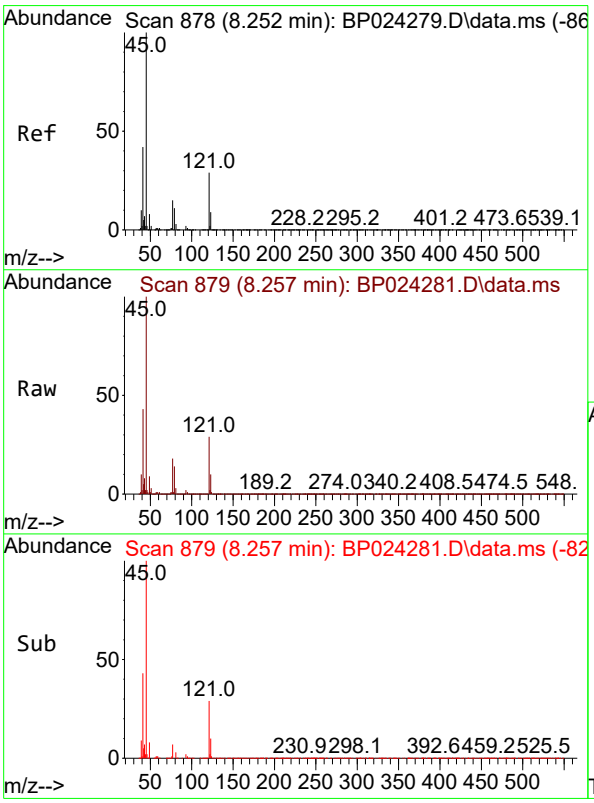
#15
Benzyl Alcohol
Concen: 66.533 ng
RT: 7.975 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1002308

Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	62.9	50.7	76.1

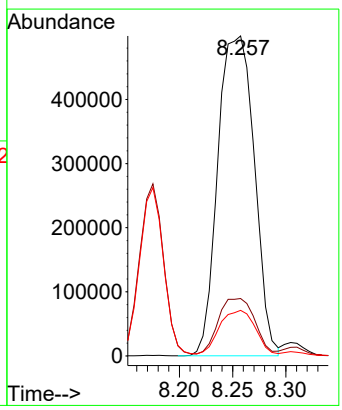


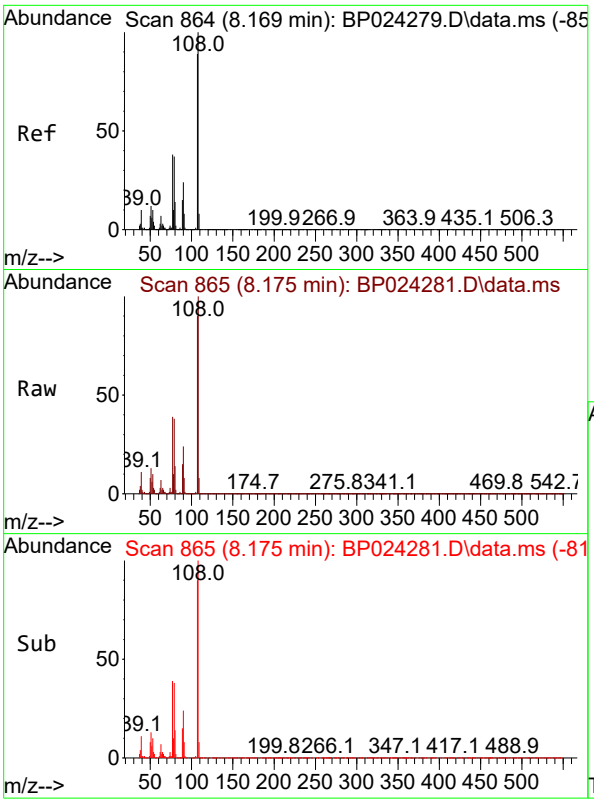


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.259 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 45 Resp: 1187992

Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	37.7
79	14.3	0.0	33.5



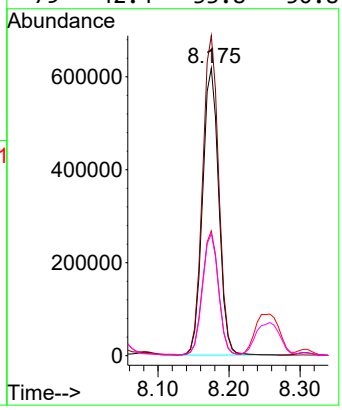


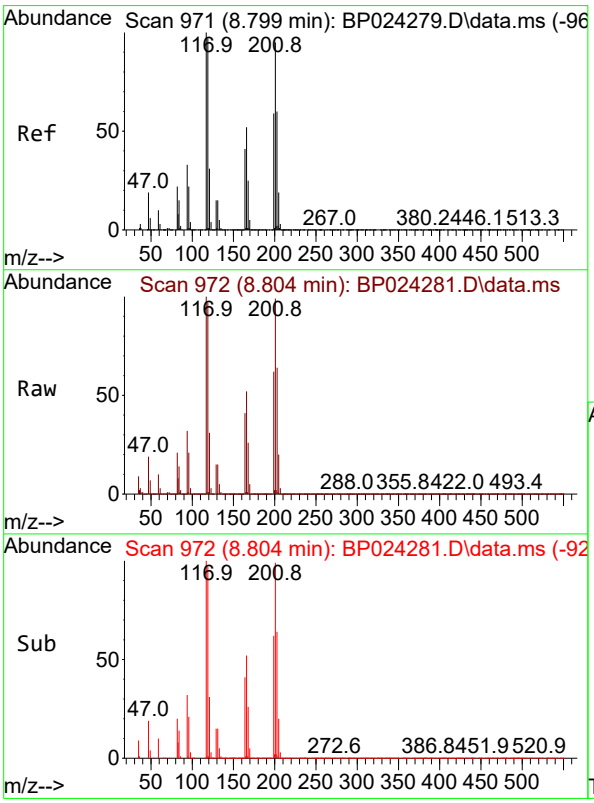
#17
2-Methylphenol
Concen: 64.342 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 978531

Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.8	134.6
77	43.4	34.2	51.4
79	42.4	33.8	50.8

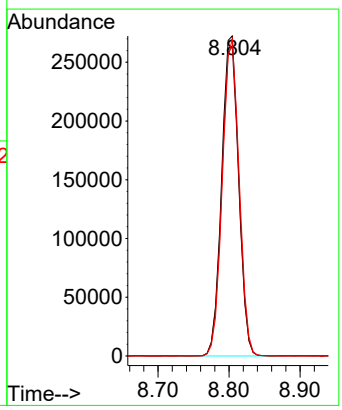


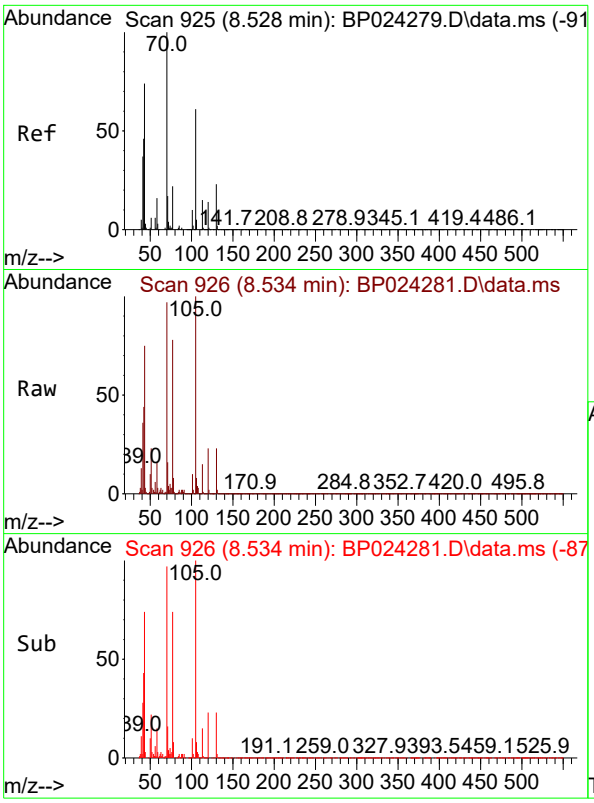


#18
Hexachloroethane
Concen: 59.545 ng
RT: 8.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:117 Resp: 453349

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.8	116.6
201	99.1	75.9	113.9



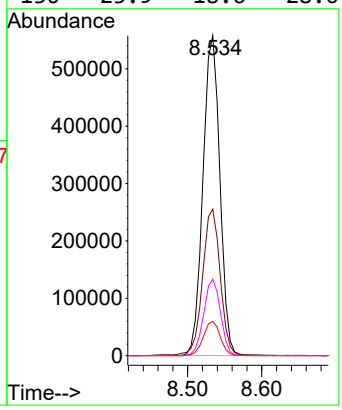


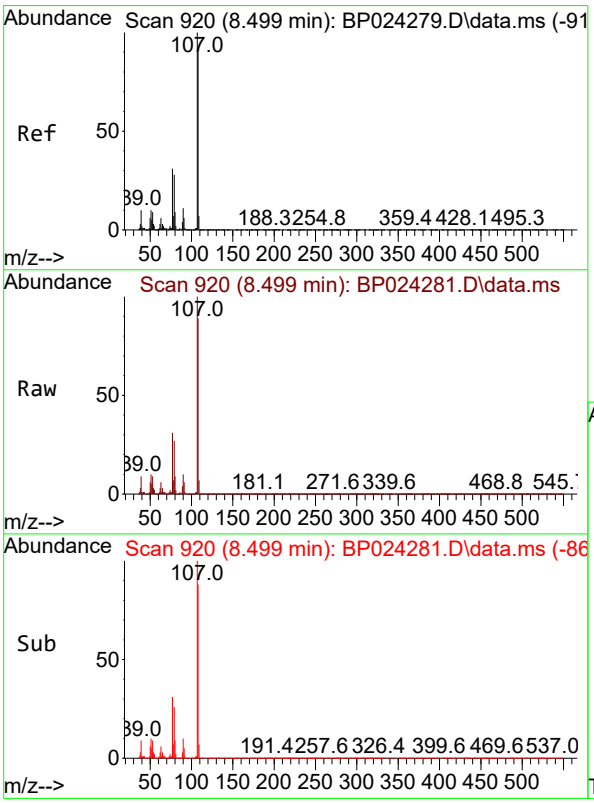
#19
n-Nitroso-di-n-propylamine
Concen: 60.486 ng
RT: 8.534 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 883042

Ion	Ratio	Lower	Upper
70	100		
42	45.8	37.3	55.9
101	10.7	8.2	12.4
130	23.9	18.6	28.0

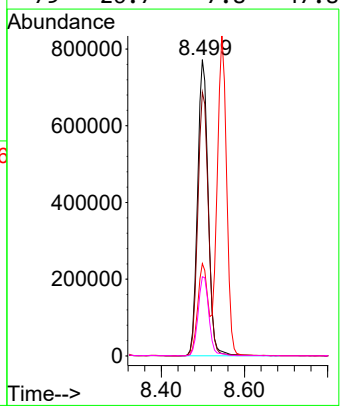


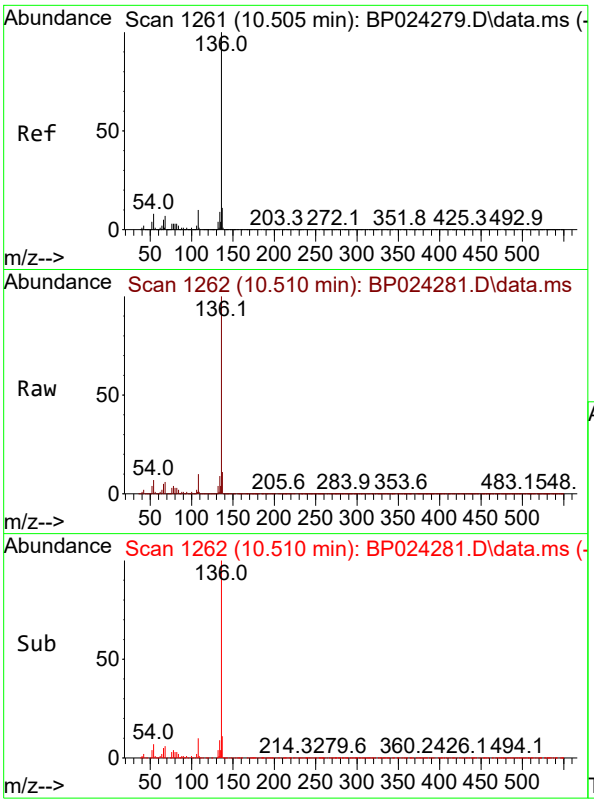


#20
3+4-Methylphenols
Concen: 64.895 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:107 Resp: 1367005

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.8	109.8
77	31.1	11.5	51.5
79	26.7	7.8	47.8



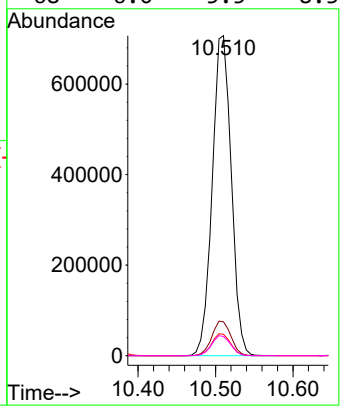


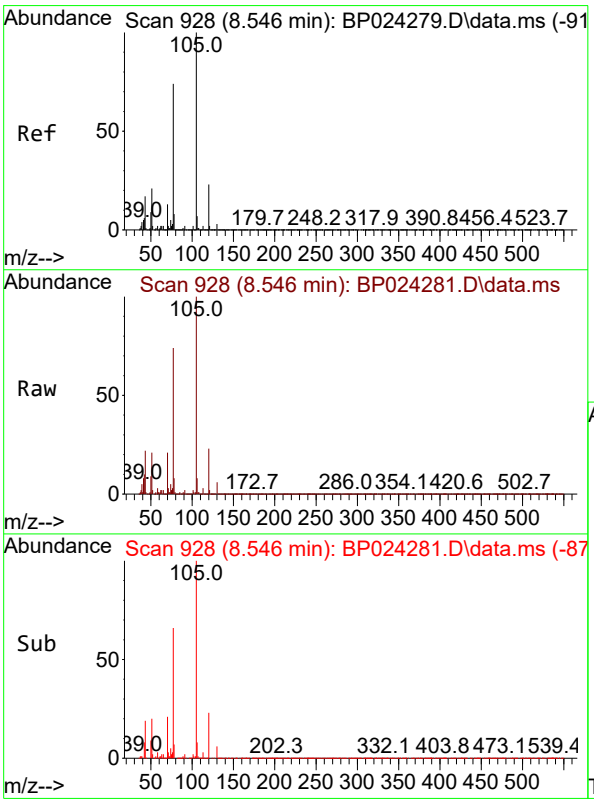
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 1206231

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.7	6.0	9.0
68	6.0	5.5	8.3

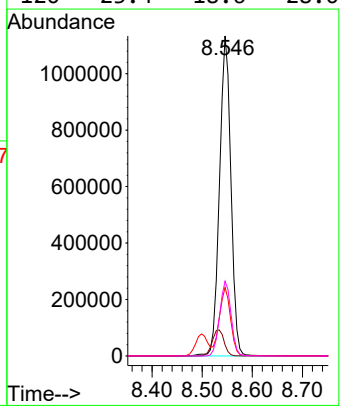


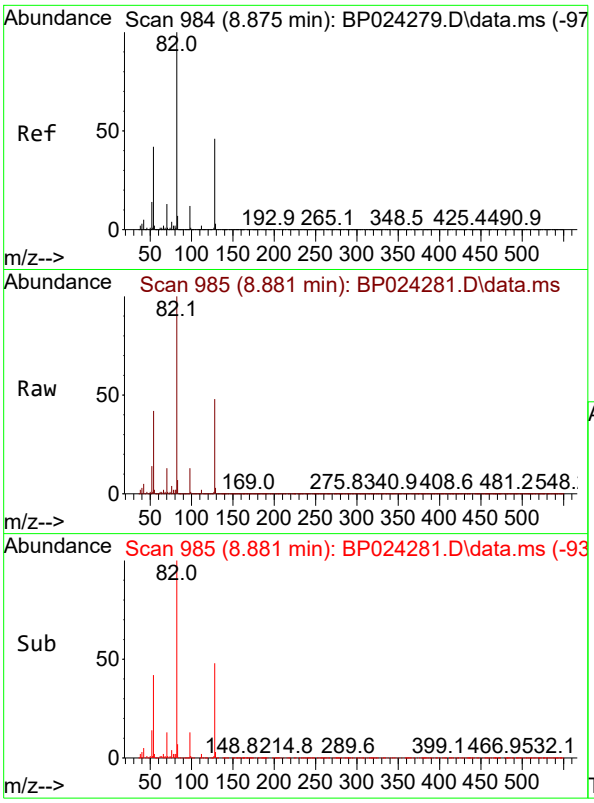


#22
Acetophenone
Concen: 59.797 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:105 Resp: 1792666

Ion	Ratio	Lower	Upper
105	100		
71	3.4	1.7	2.5#
51	21.4	16.9	25.3
120	23.4	18.6	28.0



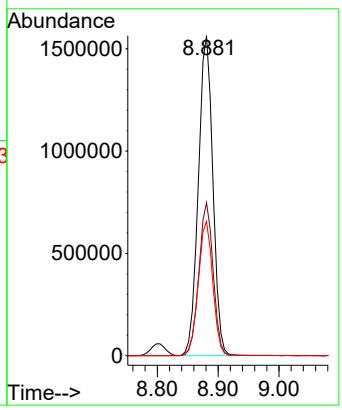


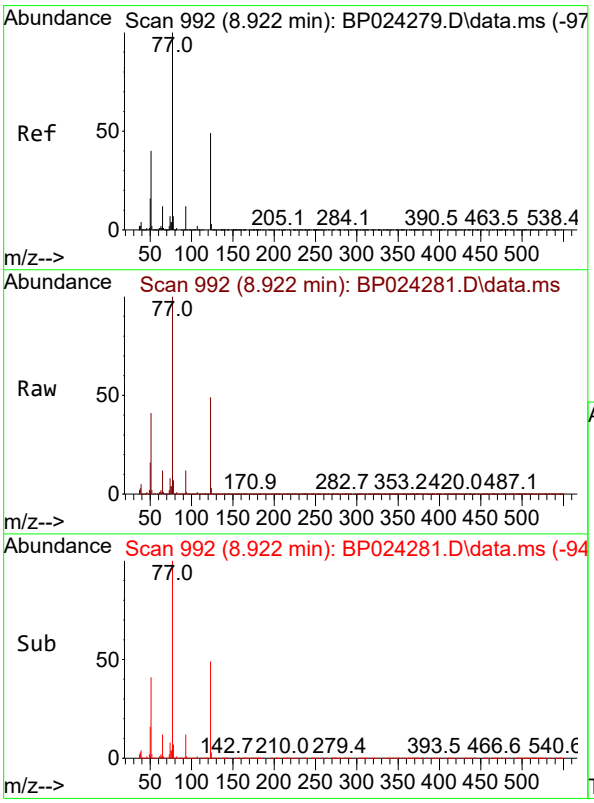
#23
Nitrobenzene-d5
Concen: 121.729 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2579126

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.5	54.7
54	41.9	33.4	50.2

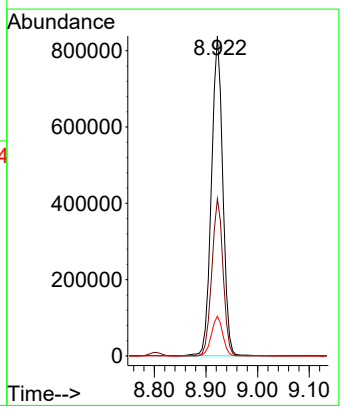


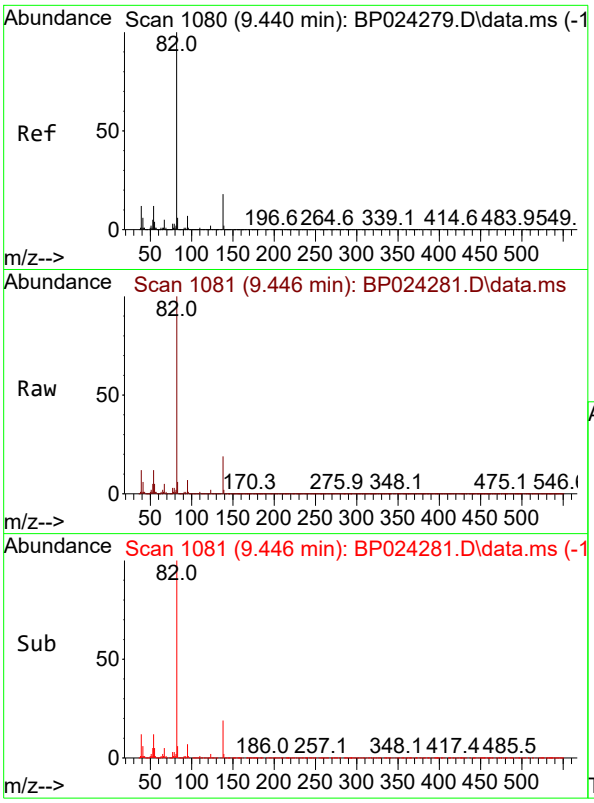


#24
Nitrobenzene
Concen: 60.775 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 77 Resp: 1276229

Ion	Ratio	Lower	Upper
77	100		
123	49.1	39.2	58.8
65	12.4	9.8	14.6



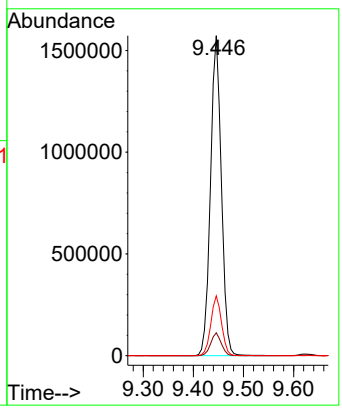


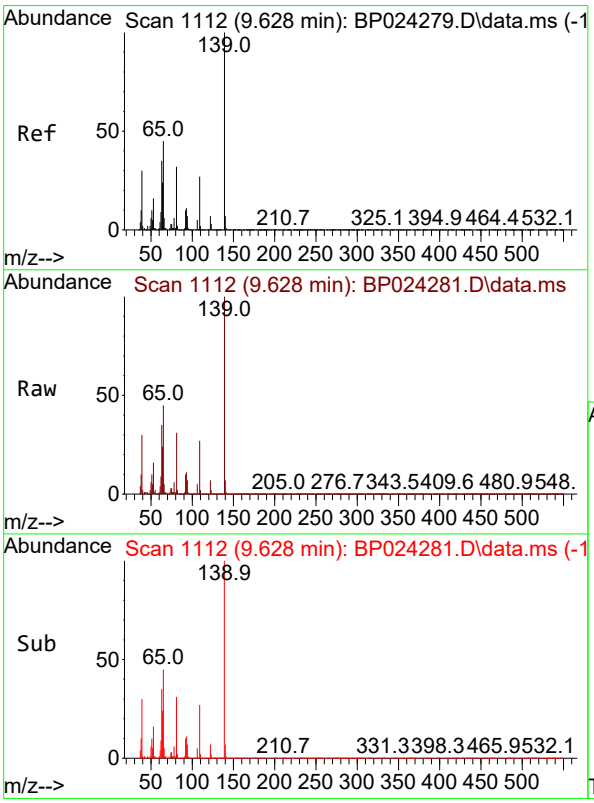
#25
Isophorone
Concen: 61.842 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2365423

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.7	14.4	21.6

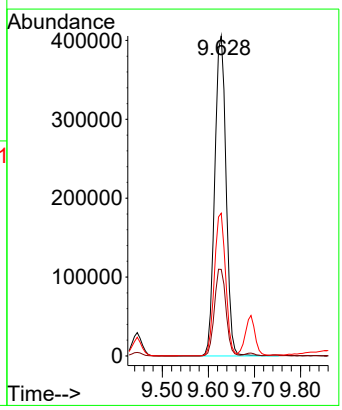


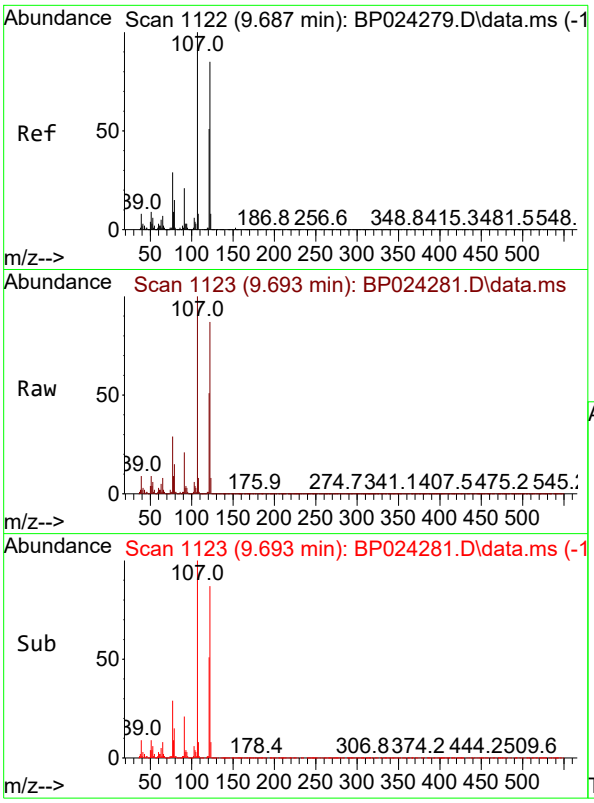


#26
2-Nitrophenol
Concen: 68.504 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:139 Resp: 690735

Ion	Ratio	Lower	Upper
139	100		
109	27.1	21.8	32.6
65	44.6	36.2	54.2



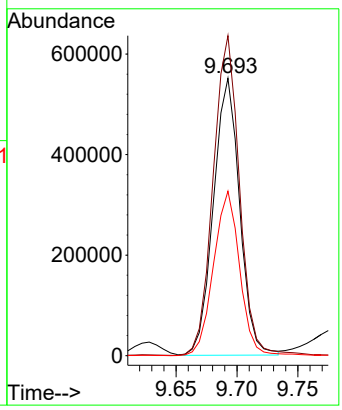


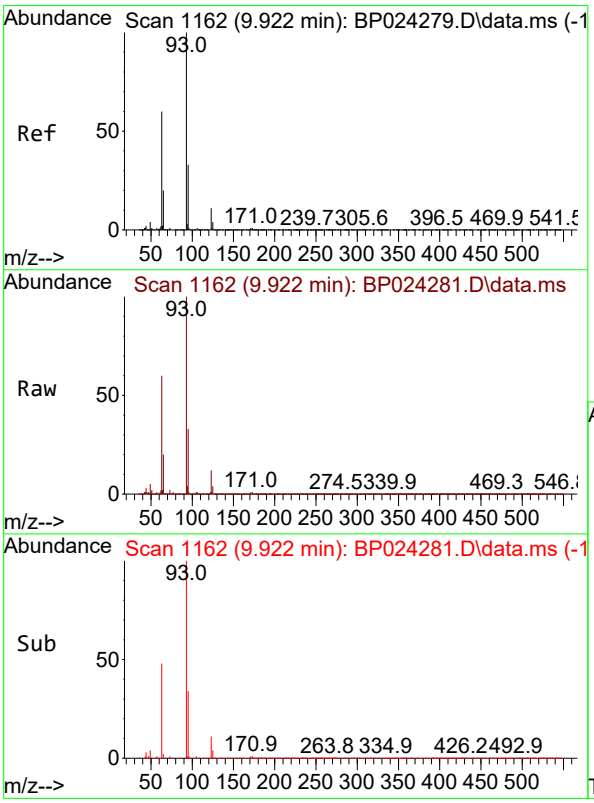
#27
2,4-Dimethylphenol
Concen: 64.660 ng
RT: 9.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 826335

Ion	Ratio	Lower	Upper
122	100		
107	115.3	93.7	140.5
121	59.3	48.2	72.2

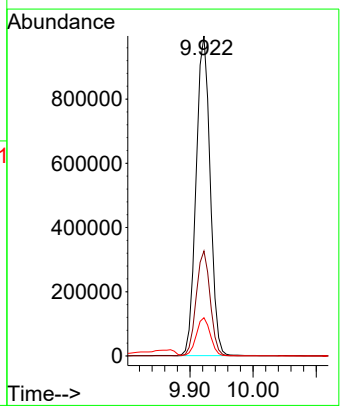


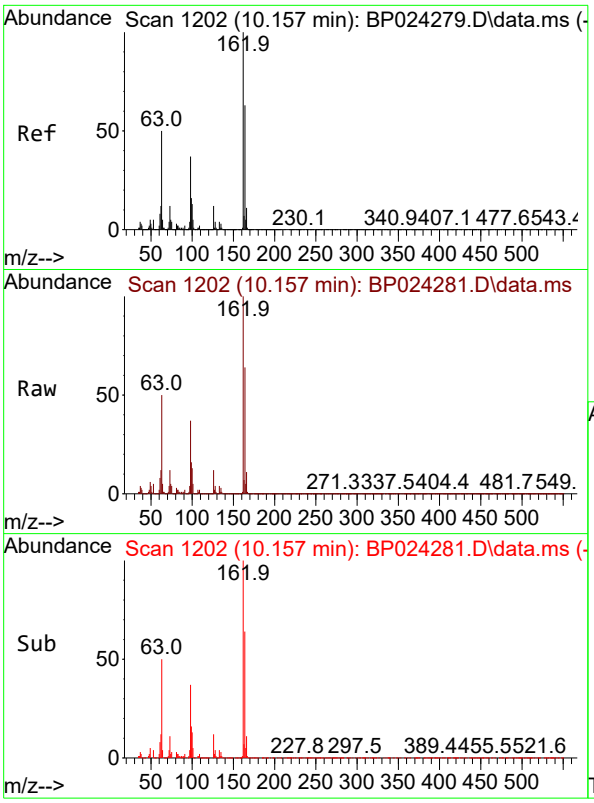


#28
bis(2-Chloroethoxy)methane
Concen: 59.124 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 93 Resp: 1539129

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	11.9	9.1	13.7



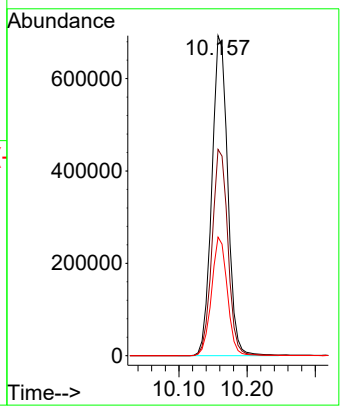


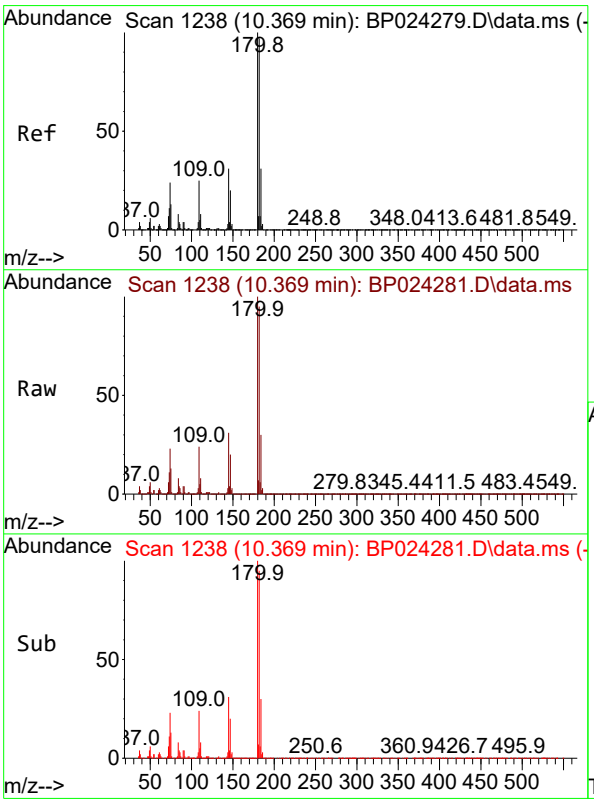
#29
2,4-Dichlorophenol
Concen: 64.543 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1124170

Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.3	83.3
98	37.0	16.6	56.6

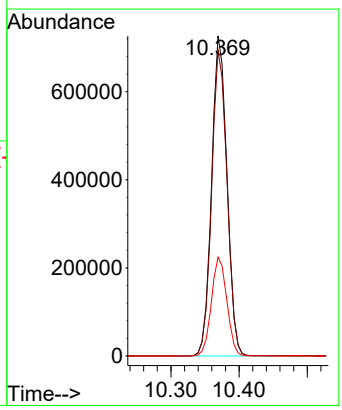


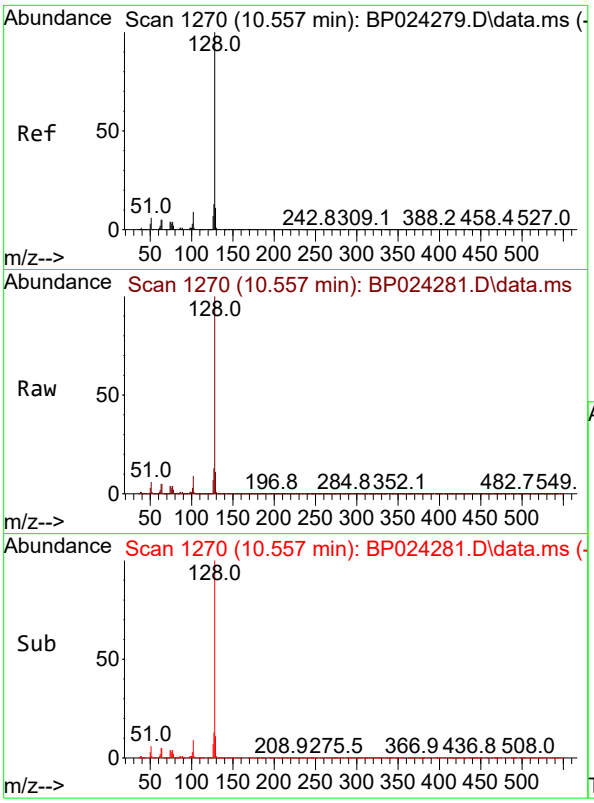


#30
1,2,4-Trichlorobenzene
Concen: 60.440 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:180 Resp: 1138896

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.3	115.9
145	30.8	25.1	37.7



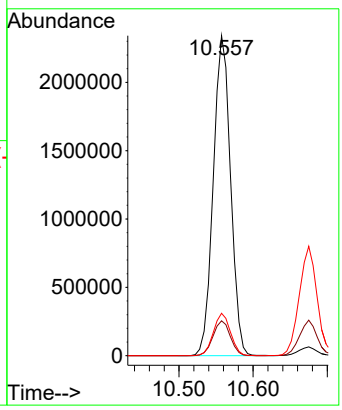


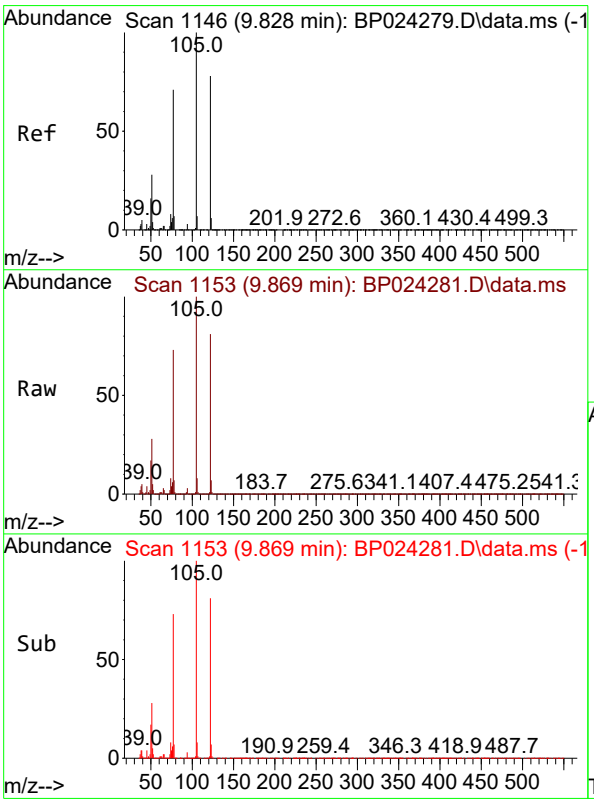
#31
Naphthalene
Concen: 59.373 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 3790924

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.2	10.3	15.5

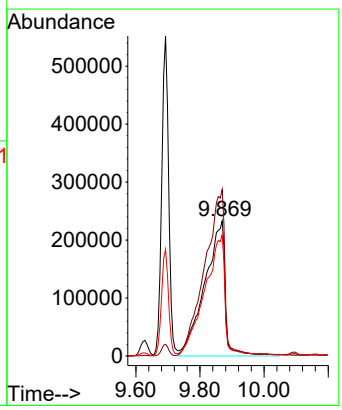


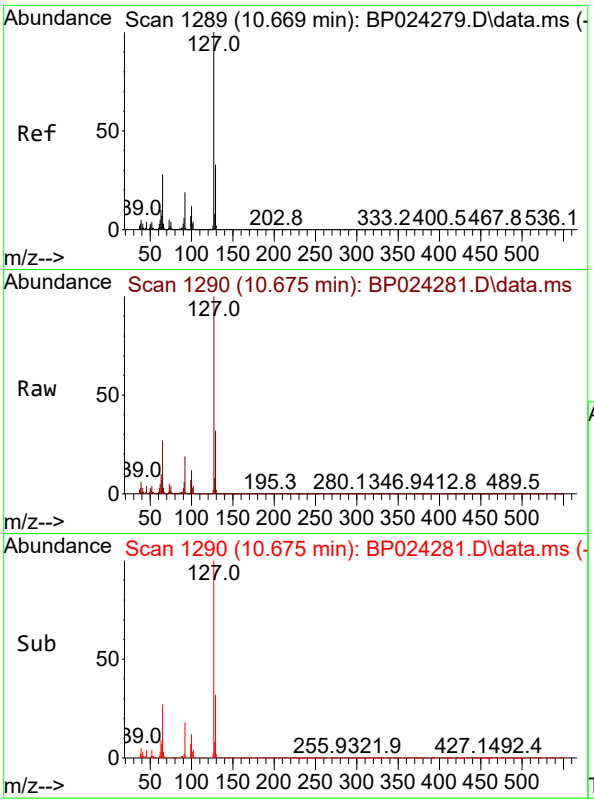


#32
Benzoic acid
Concen: 74.795 ng m
RT: 9.869 min Scan# 1153
Delta R.T. 0.041 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:122 Resp: 1032910

Ion	Ratio	Lower	Upper
122	100		
105	123.4	104.8	144.8
77	89.7	69.2	109.2



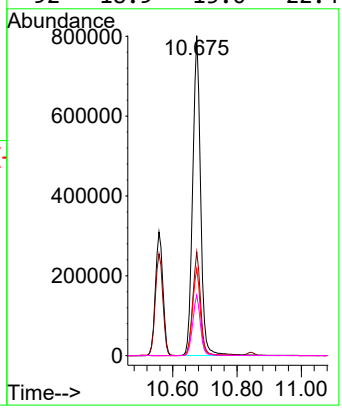


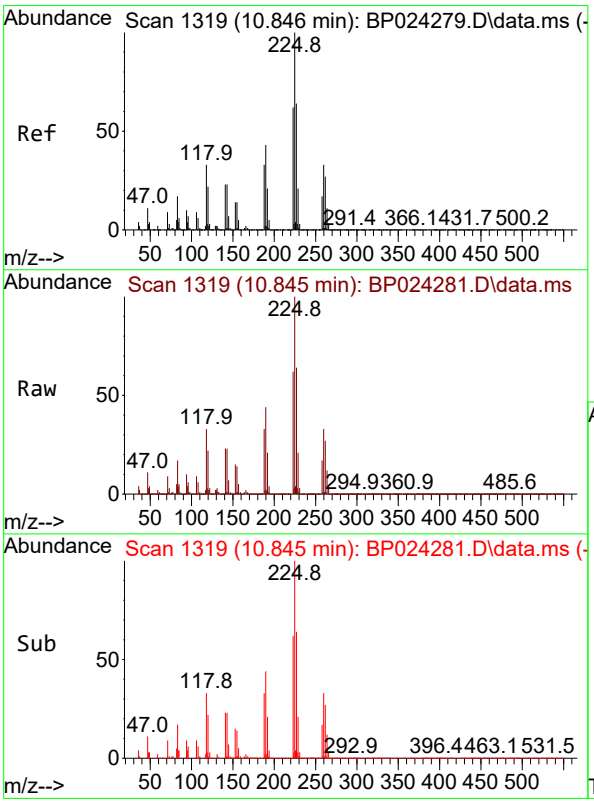
#33
4-Chloroaniline
Concen: 61.527 ng
RT: 10.675 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1372601

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	27.2	22.1	33.1
92	18.9	15.0	22.4

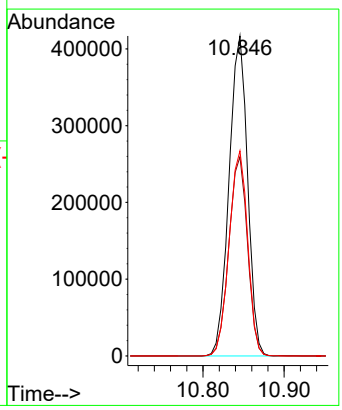


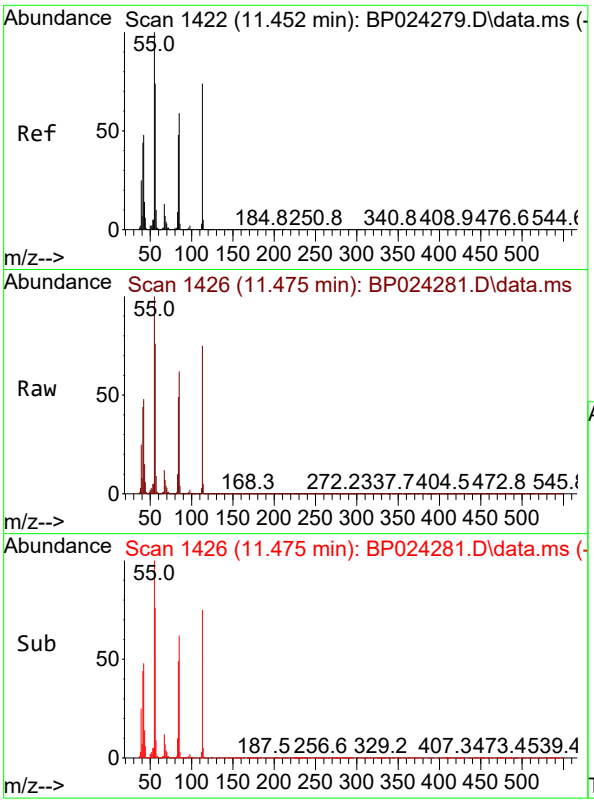


#34
Hexachlorobutadiene
Concen: 59.719 ng
RT: 10.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:225 Resp: 660129

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.5	74.3
227	64.1	50.9	76.3



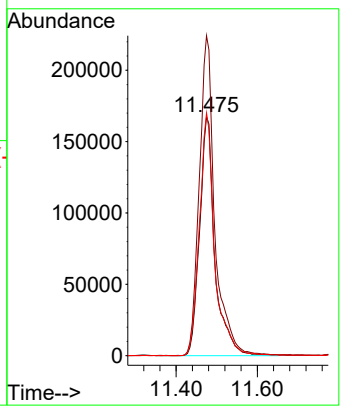


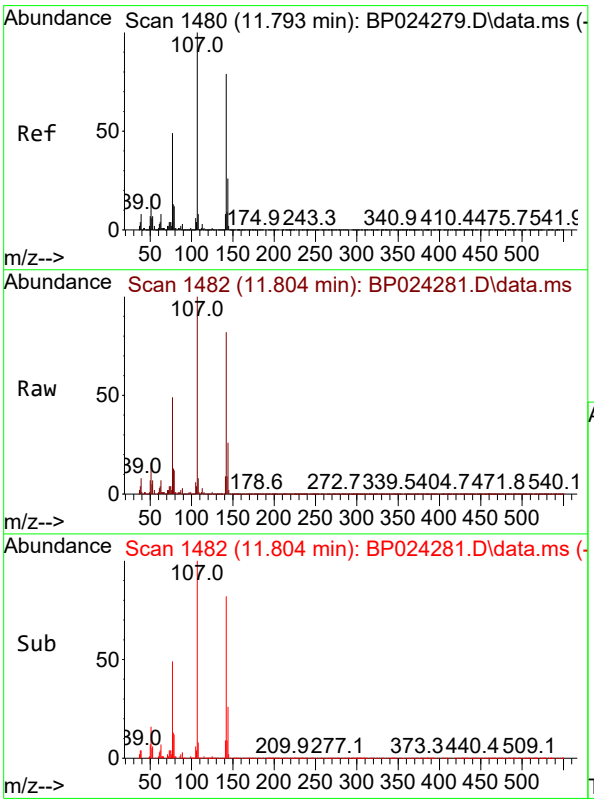
#35
Caprolactam
Concen: 68.445 ng
RT: 11.475 min Scan# 14
Delta R.T. 0.023 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 437691

Ion	Ratio	Lower	Upper
113	100		
55	134.0	115.9	155.9
56	101.6	81.1	121.1

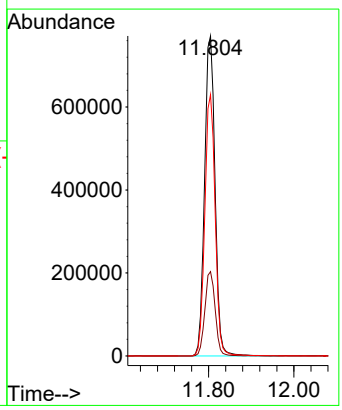


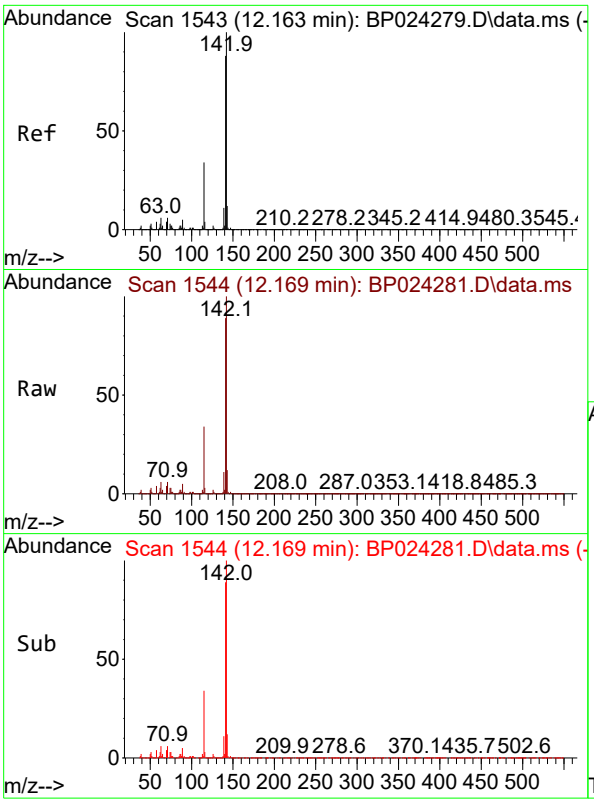


#36
4-Chloro-3-methylphenol
Concen: 64.762 ng
RT: 11.804 min Scan# 1482
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:107 Resp: 1314421

Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	81.7	63.4	95.2



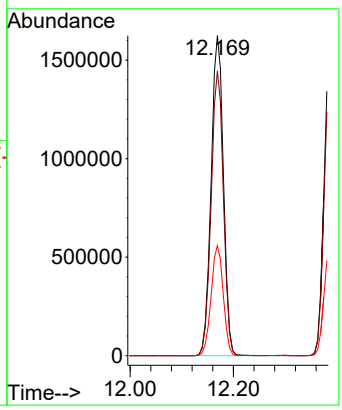


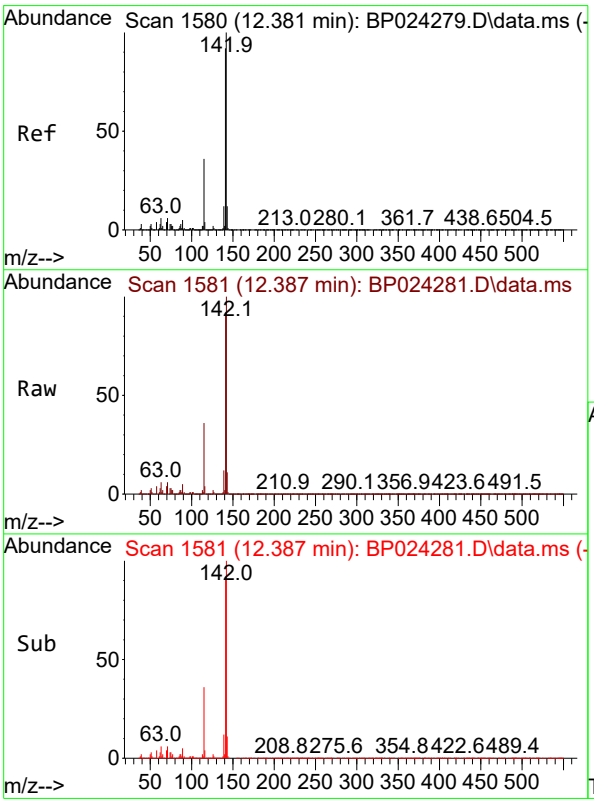
#37
2-Methylnaphthalene
Concen: 60.487 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 2676555

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	34.4	26.9	40.3

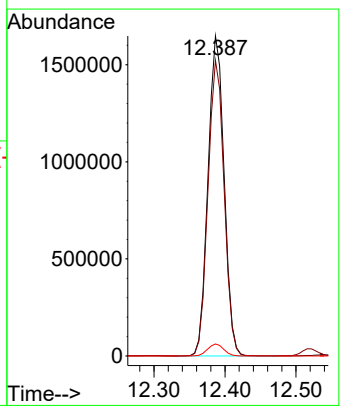


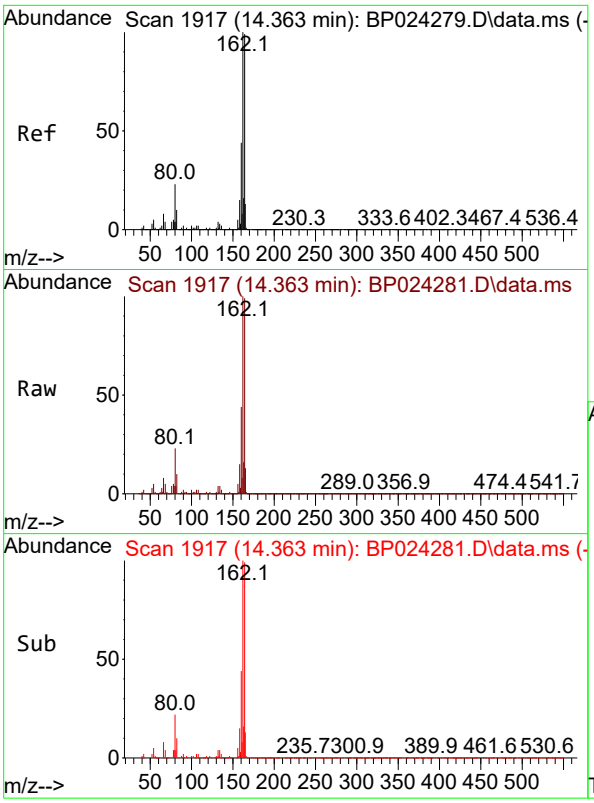


#38
1-Methylnaphthalene
Concen: 59.960 ng
RT: 12.387 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:142 Resp: 2599119

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.6	110.4
116	3.7	3.0	4.6



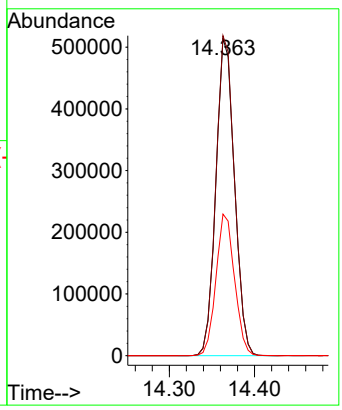


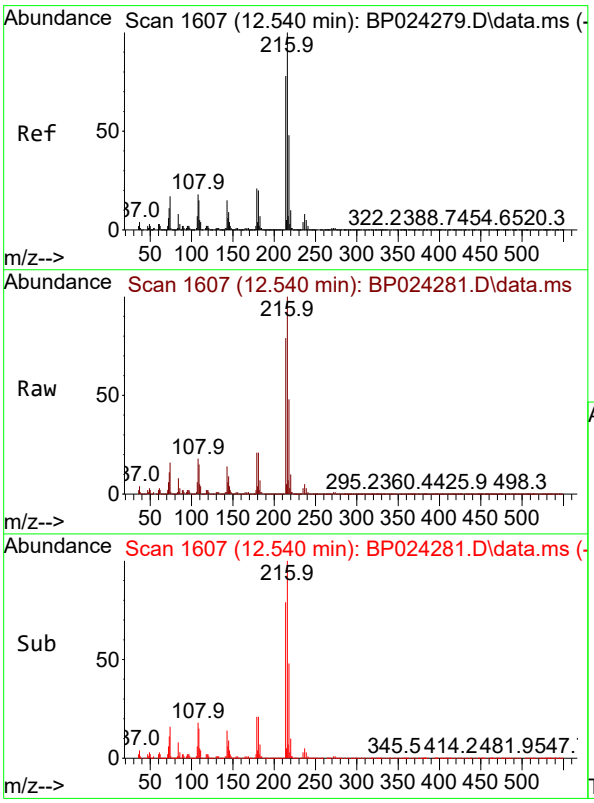
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 777459

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.6	35.3	52.9

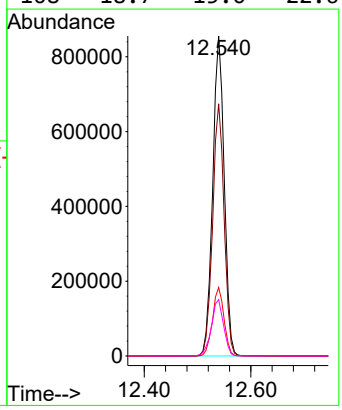


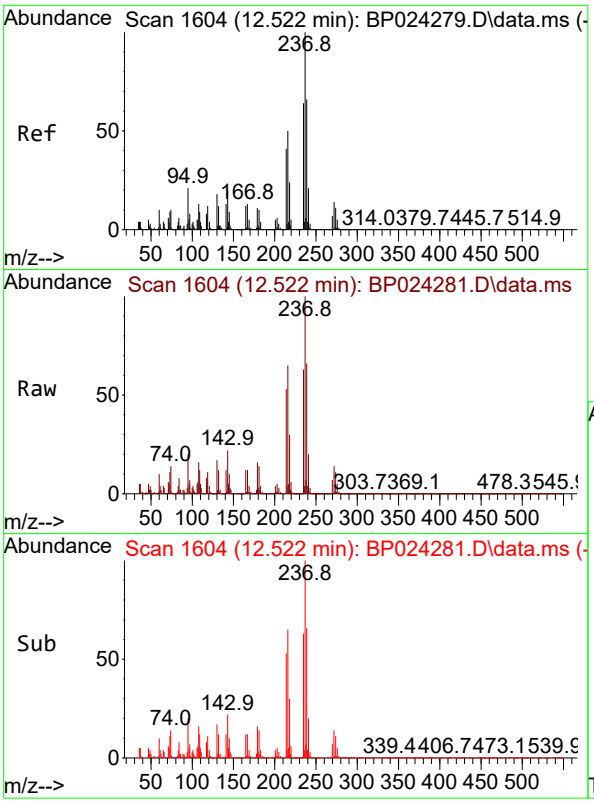


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.981 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:216 Resp: 1281552

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	93.8
179	21.4	17.2	25.8
108	18.7	15.0	22.6



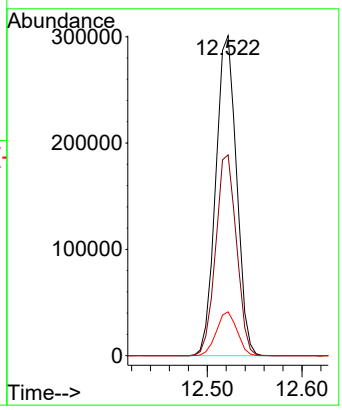


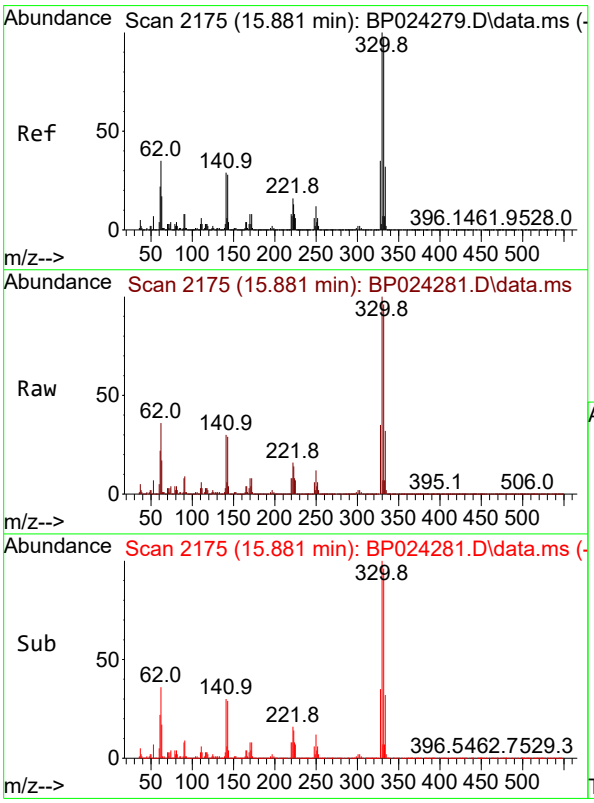
#41
Hexachlorocyclopentadiene
Concen: 61.257 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 459486

Ion	Ratio	Lower	Upper
237	100		
235	62.7	43.9	83.9
272	13.7	0.0	33.6

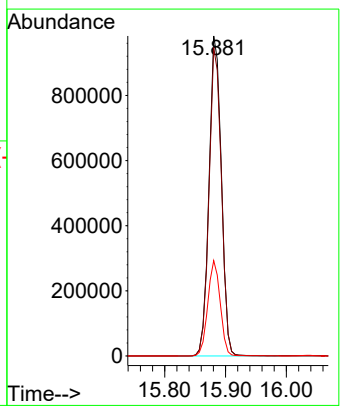


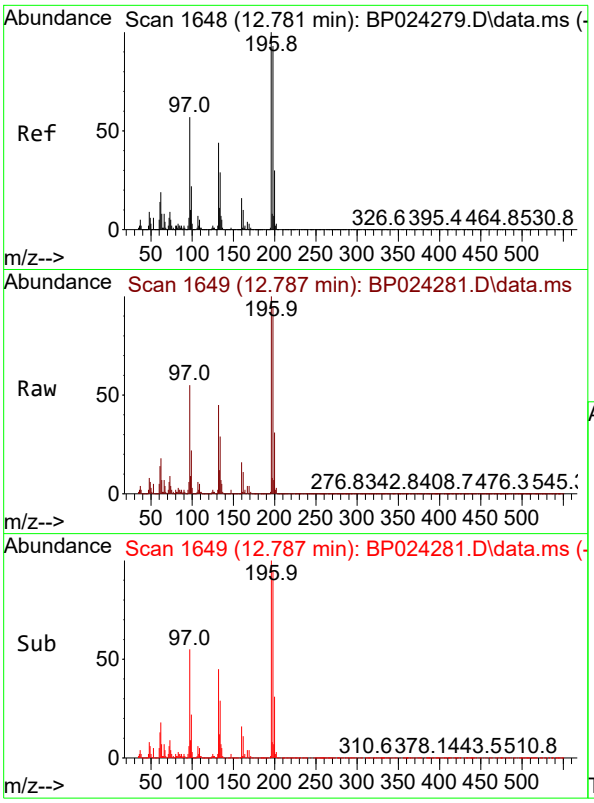


#42
2,4,6-Tribromophenol
Concen: 129.818 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:330 Resp: 1382037

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	30.0	24.7	37.1



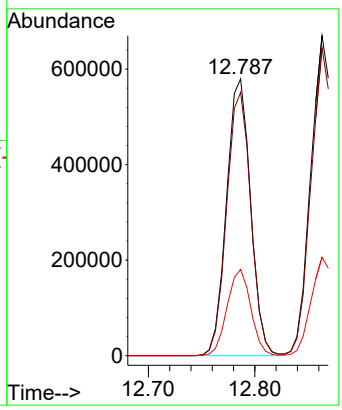


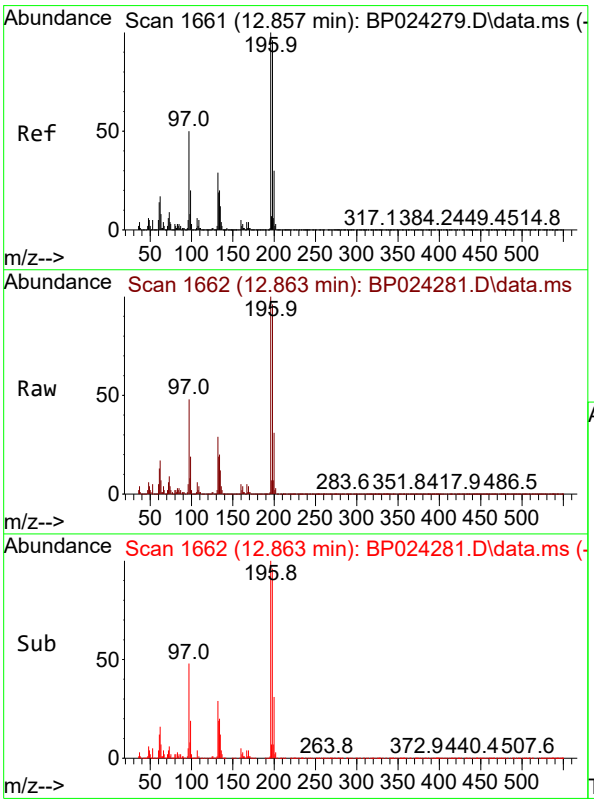
#43
2,4,6-Trichlorophenol
Concen: 64.732 ng
RT: 12.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 909999

Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.3	111.5
200	31.2	24.0	36.0

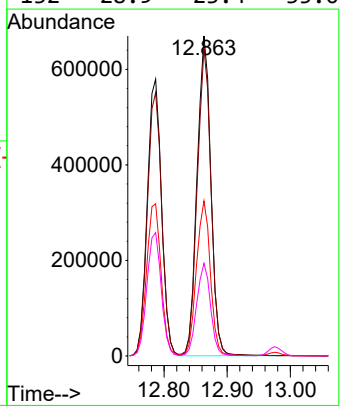


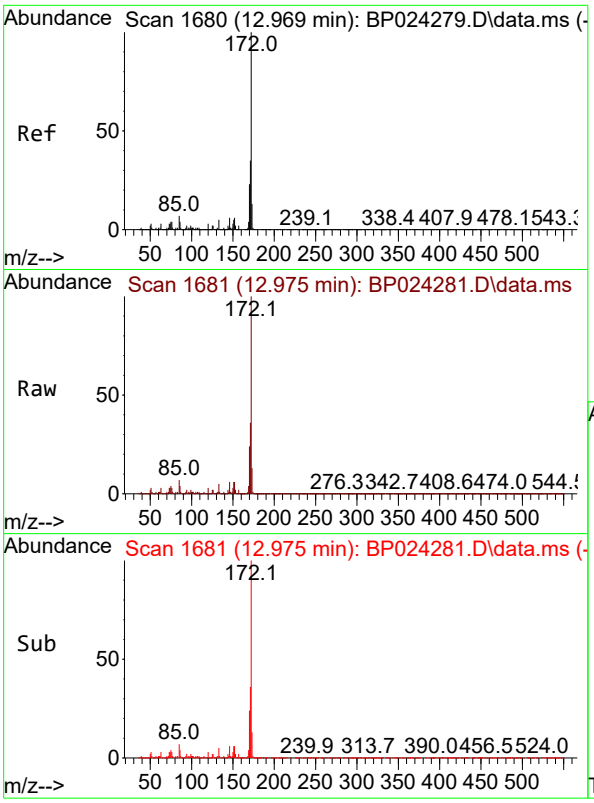


#44
2,4,5-Trichlorophenol
Concen: 65.306 ng
RT: 12.863 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:196 Resp: 1017414

Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.3	115.9
97	48.5	40.4	60.6
132	28.9	23.4	35.0



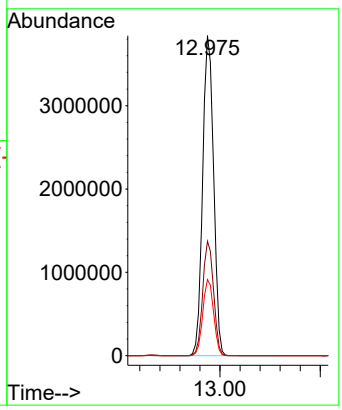


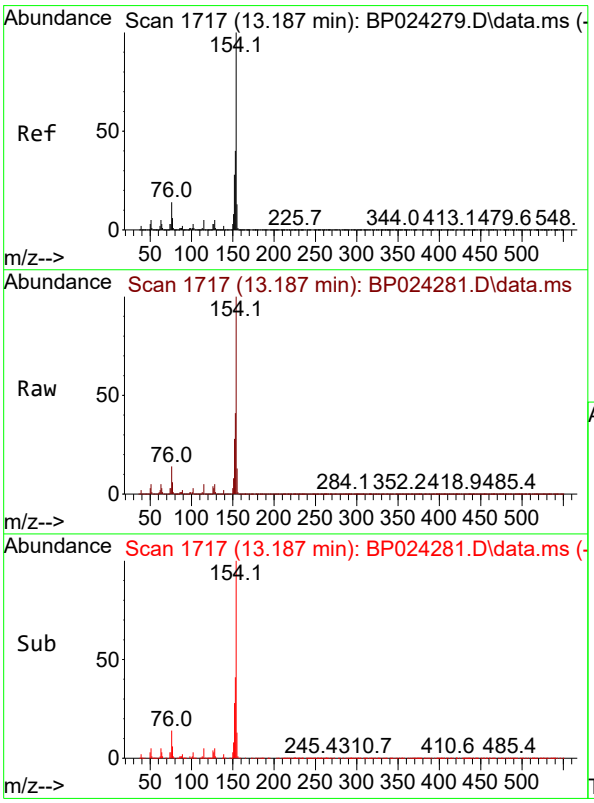
#45
2-Fluorobiphenyl
Concen: 113.964 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 5835791

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.8	18.6	27.8

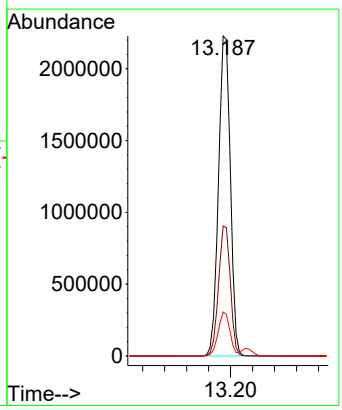


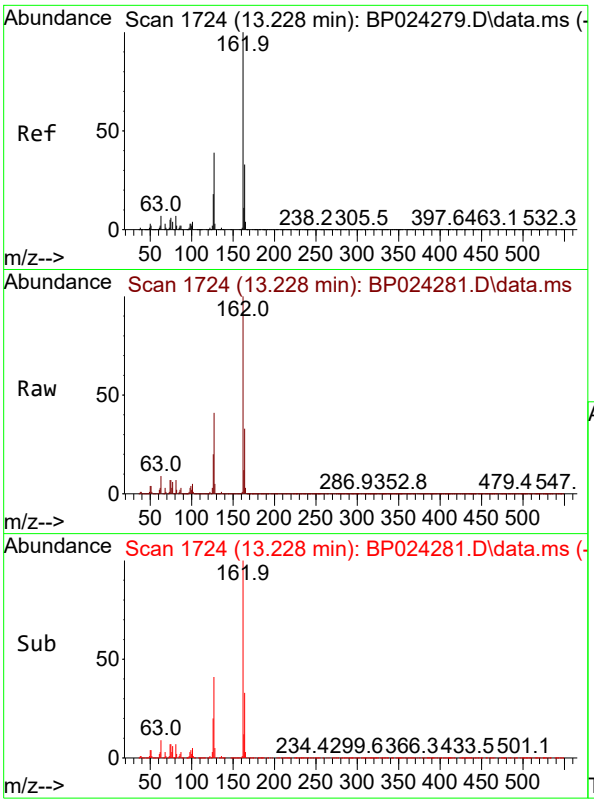


#46
1,1'-Biphenyl
Concen: 58.001 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:154 Resp: 3330176

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.8	0.0	33.5



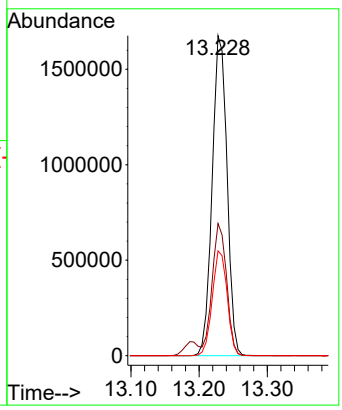


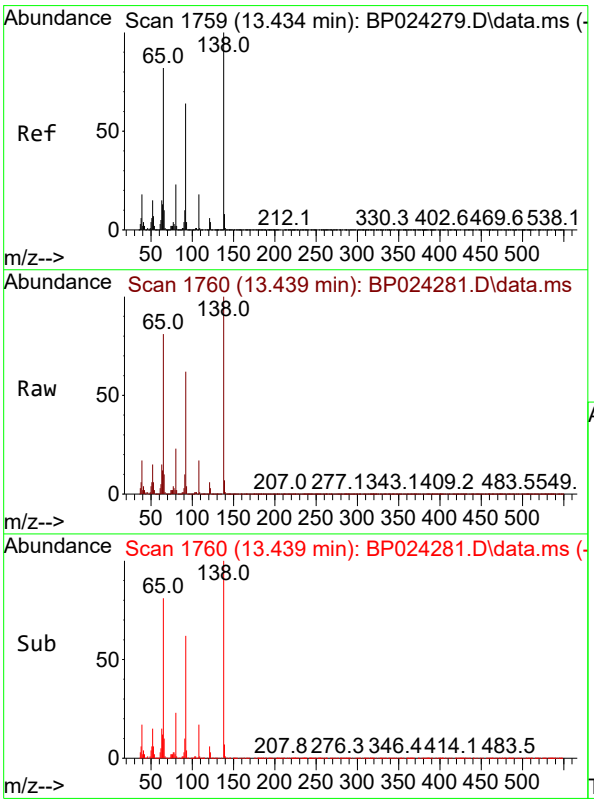
#47
2-Chloronaphthalene
Concen: 59.336 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 2542212

Ion	Ratio	Lower	Upper
162	100		
127	41.3	31.9	47.9
164	32.8	26.2	39.4

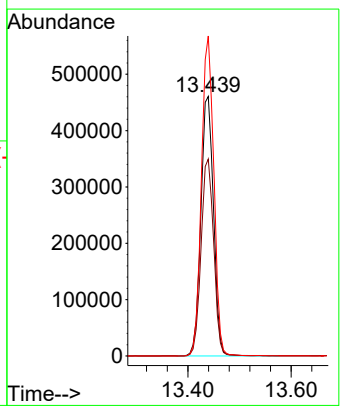


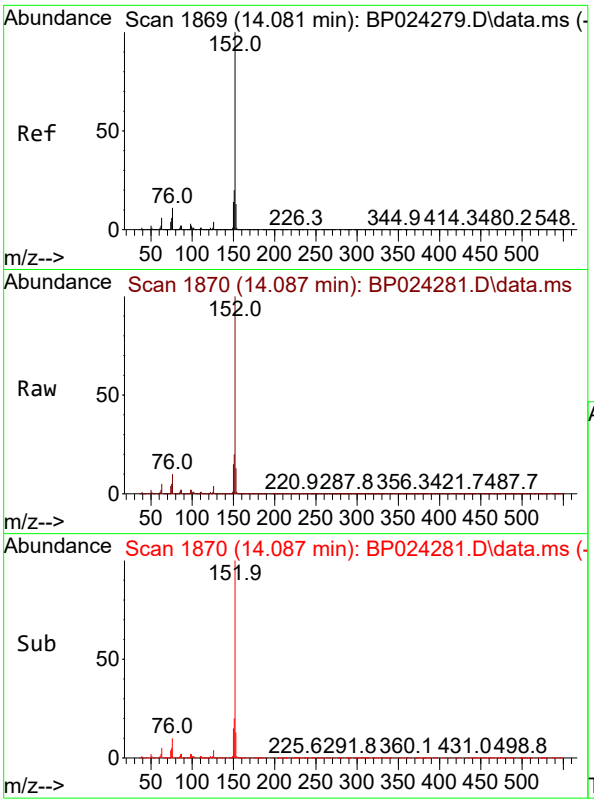


#48
2-Nitroaniline
Concen: 66.042 ng
RT: 13.439 min Scan# 1760
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 65 Resp: 781584

Ion	Ratio	Lower	Upper
65	100		
92	75.9	62.3	93.5
138	123.3	97.2	145.8



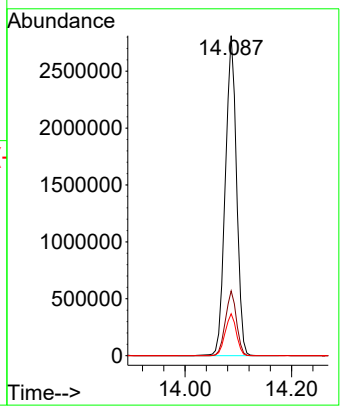


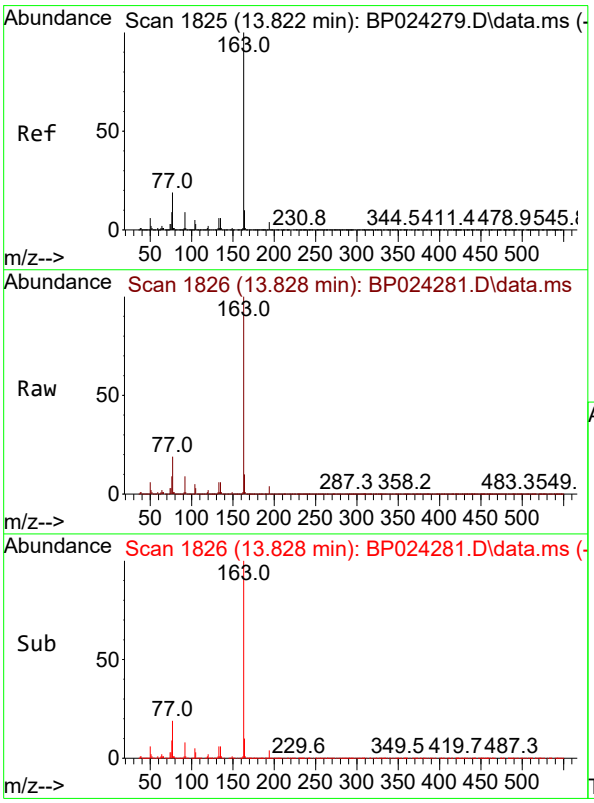
#49
Acenaphthylene
Concen: 61.143 ng
RT: 14.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 4111553

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.1	10.6	15.8

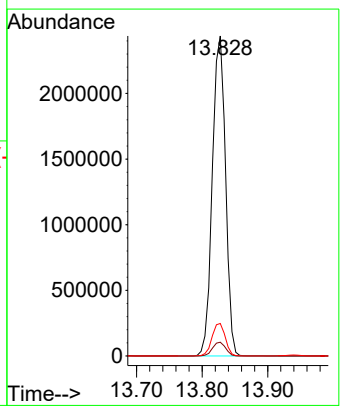


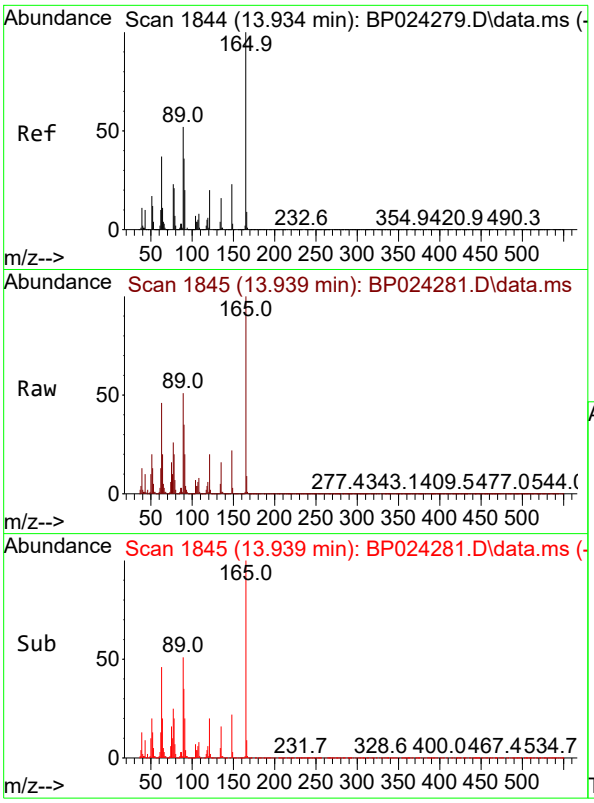


#50
Dimethylphthalate
Concen: 60.022 ng
RT: 13.828 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:163 Resp: 3404463

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.1	8.0	12.0



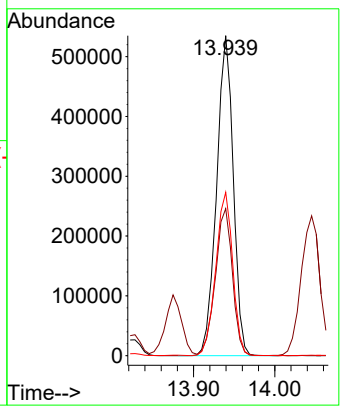


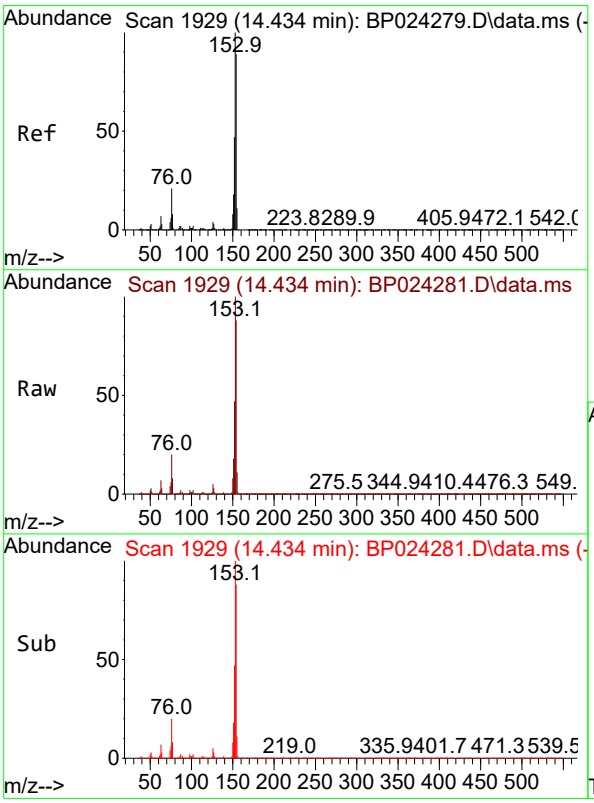
#51
2,6-Dinitrotoluene
Concen: 63.998 ng
RT: 13.939 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 764810

Ion	Ratio	Lower	Upper
165	100		
63	45.9	38.0	57.0
89	51.1	41.7	62.5

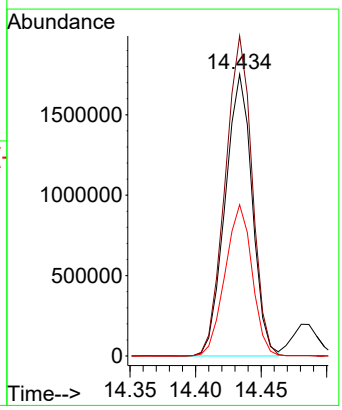


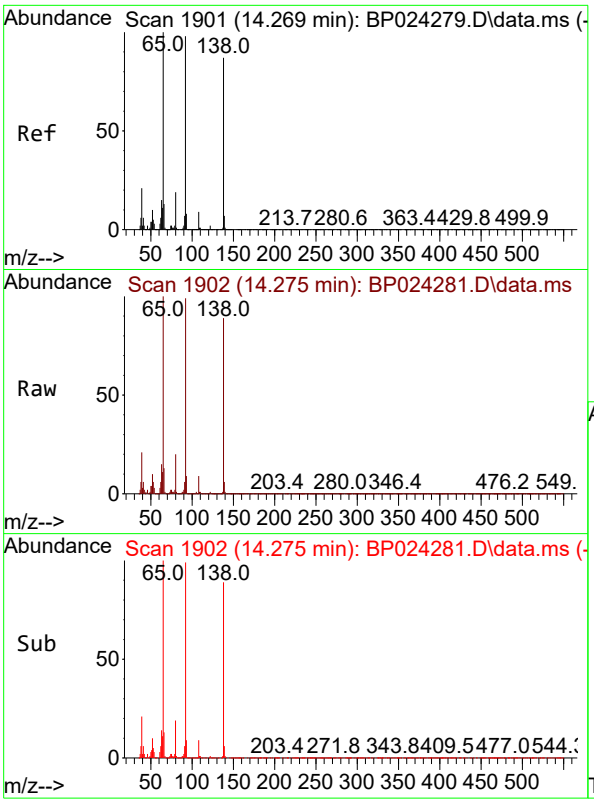


#52
Acenaphthene
Concen: 58.858 ng
RT: 14.434 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:154 Resp: 2516981

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.8	134.6
152	53.7	42.6	63.8



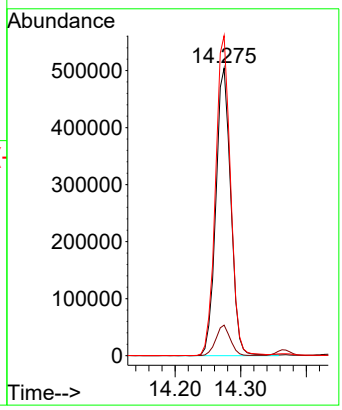


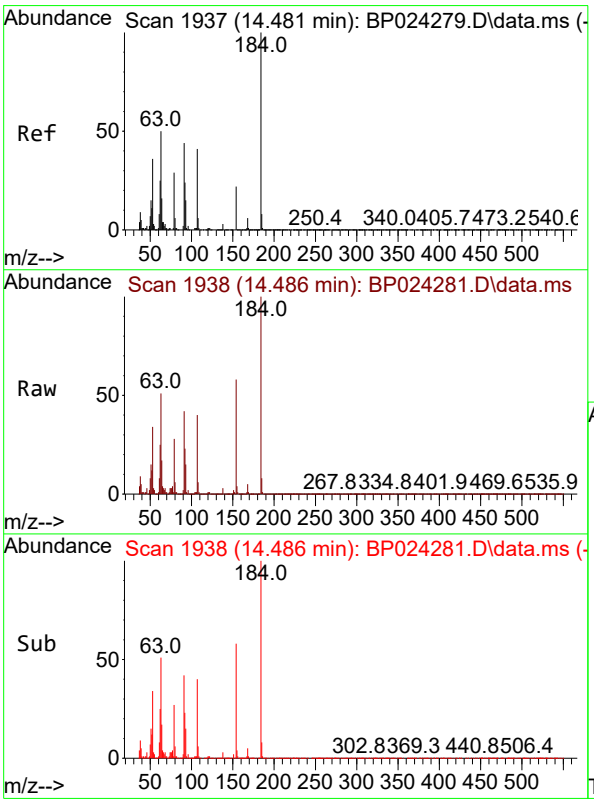
#53
3-Nitroaniline
Concen: 64.022 ng
RT: 14.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 793796

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.3	12.5
92	111.3	89.8	134.8

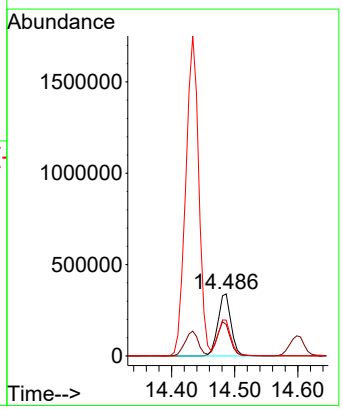


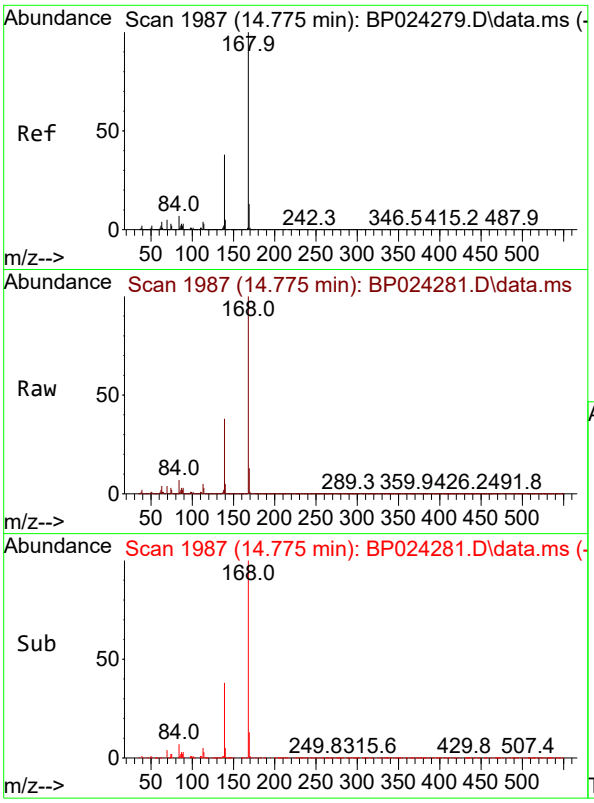


#54
2,4-Dinitrophenol
Concen: 76.655 ng
RT: 14.486 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:184 Resp: 490497

Ion	Ratio	Lower	Upper
184	100		
63	50.8	42.6	64.0
154	57.7	47.2	70.8



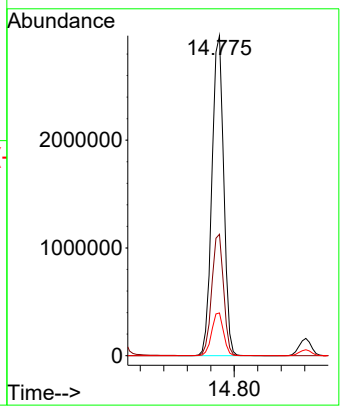


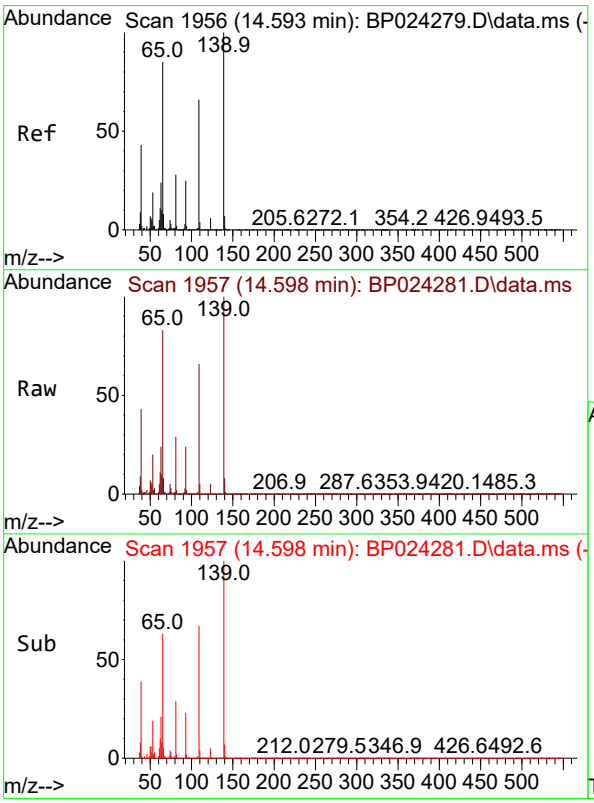
#55
Dibenzofuran
Concen: 58.810 ng
RT: 14.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 4124640

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.3	45.5
169	13.3	10.6	16.0

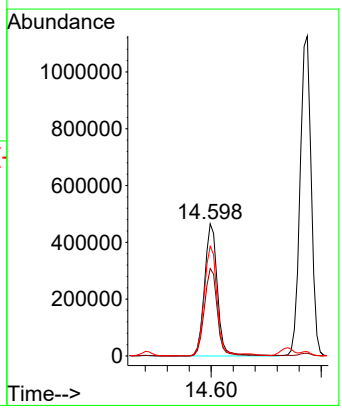


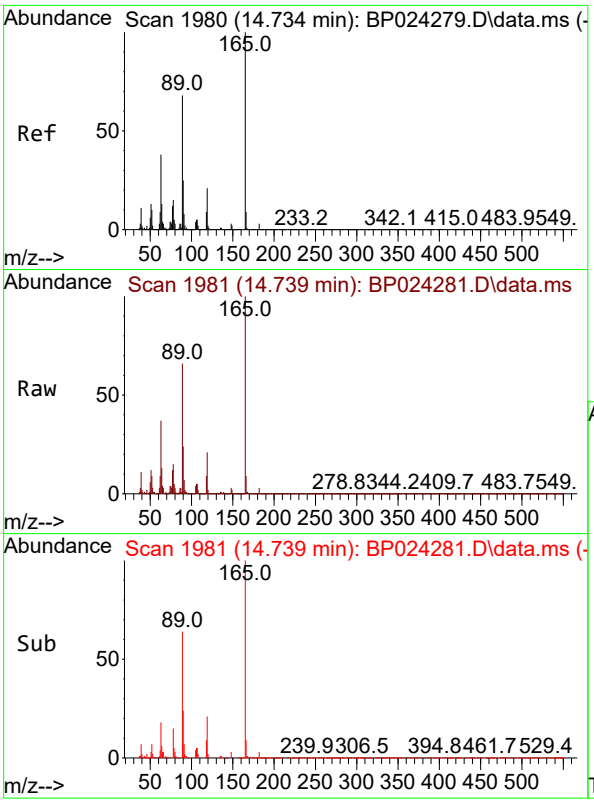


#56
4-Nitrophenol
Concen: 70.748 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:139 Resp: 754038

Ion	Ratio	Lower	Upper
139	100		
109	66.1	46.1	86.1
65	82.9	65.0	105.0



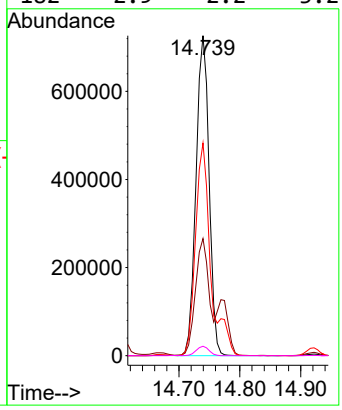


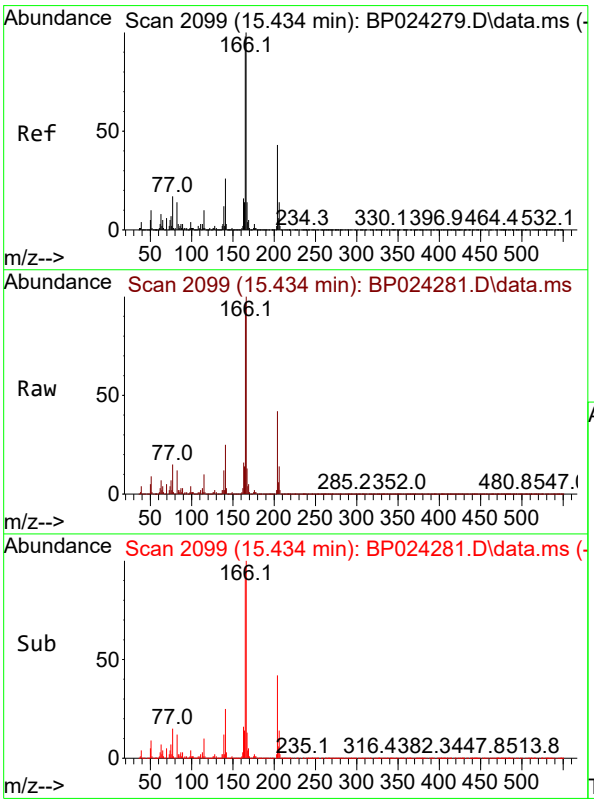
#57
2,4-Dinitrotoluene
Concen: 66.836 ng
RT: 14.739 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1079633

Ion	Ratio	Lower	Upper
165	100		
63	36.6	30.4	45.6
89	66.4	54.6	82.0
182	2.9	2.2	3.2

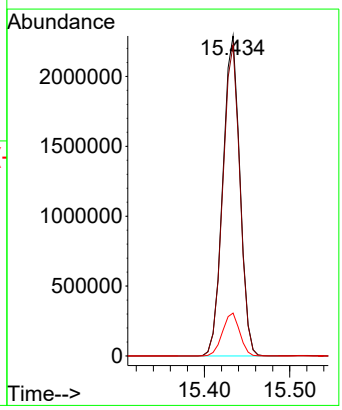


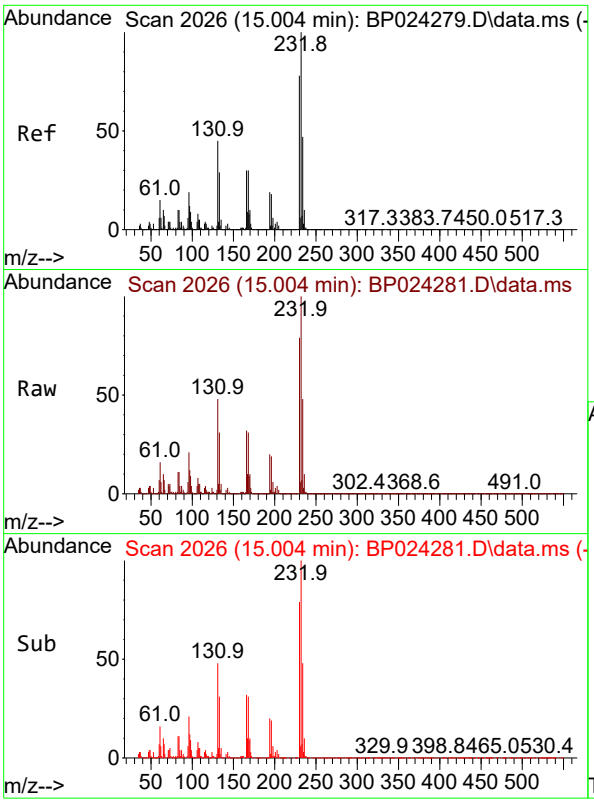


#58
Fluorene
Concen: 58.817 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:166 Resp: 3184960

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.1	117.1
167	13.4	10.9	16.3



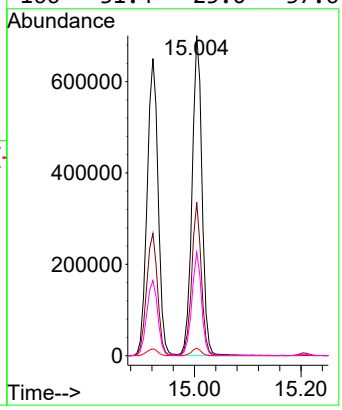


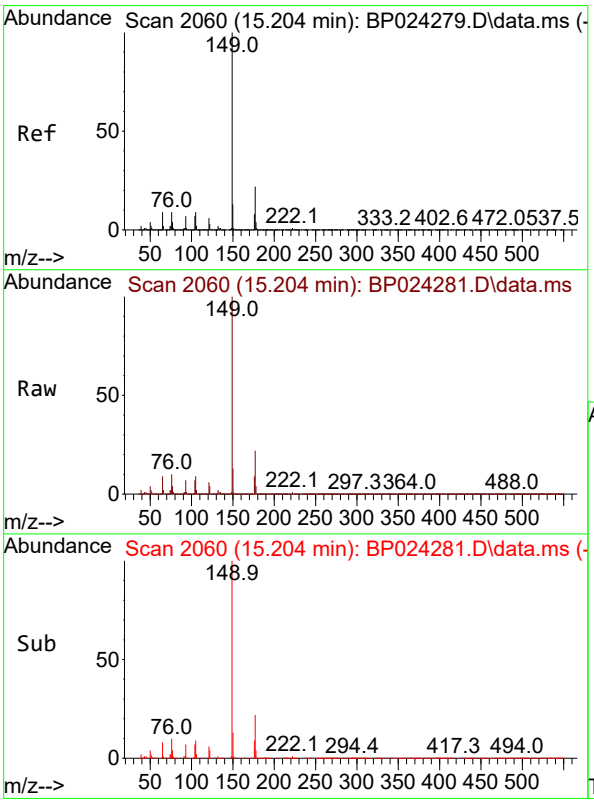
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.097 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 909497

Ion	Ratio	Lower	Upper
232	100		
131	46.4	36.8	55.2
130	2.3	1.9	2.9
166	31.4	25.0	37.6

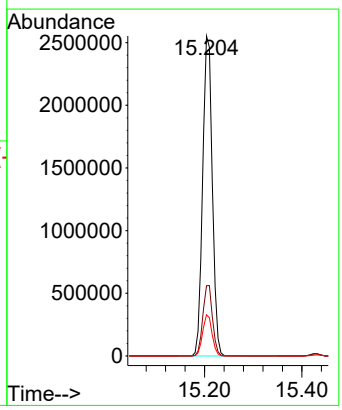


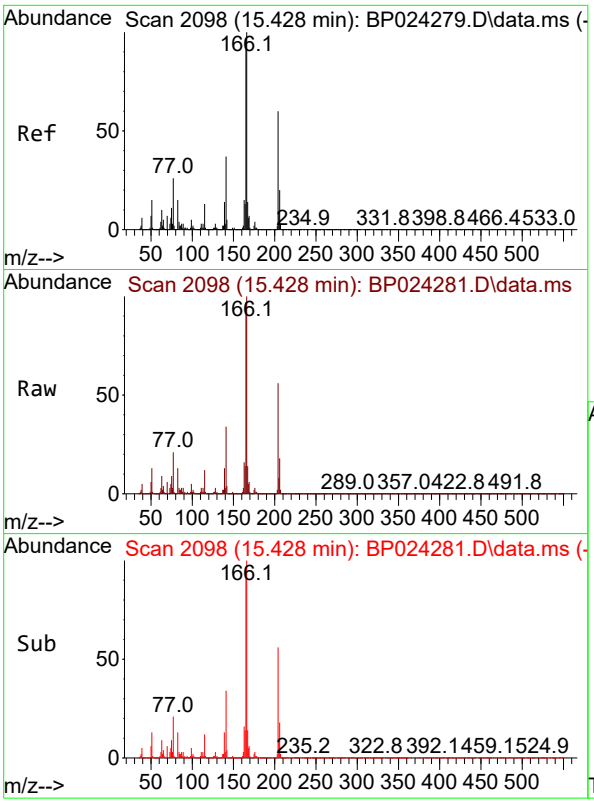


#60
Diethylphthalate
Concen: 59.879 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:149 Resp: 3495577

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.9	10.1	15.1



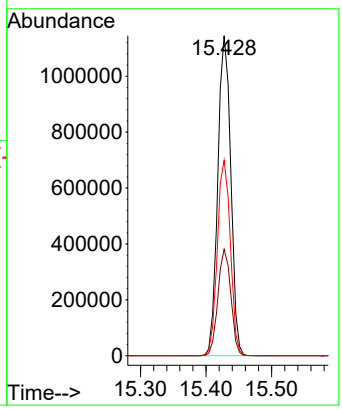


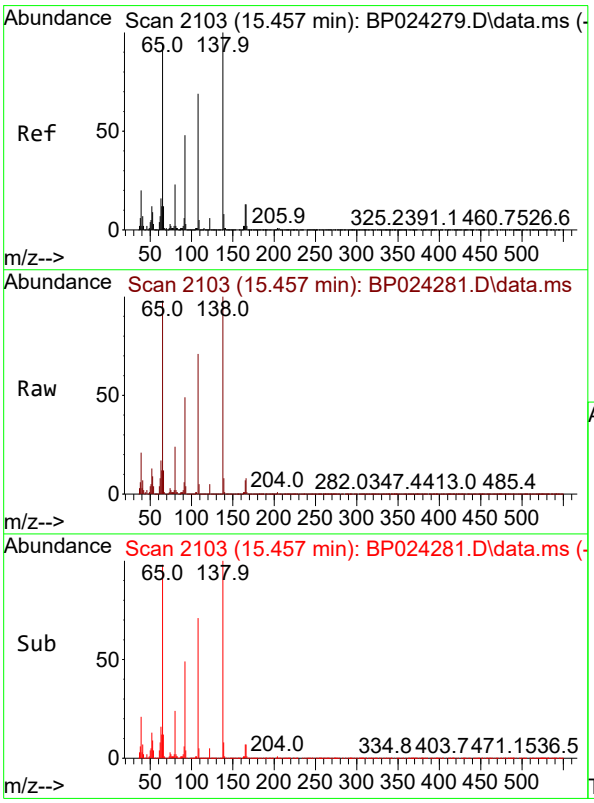
#61
4-Chlorophenyl-phenylether
Concen: 59.442 ng
RT: 15.428 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 1563042

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	61.1	49.4	74.0

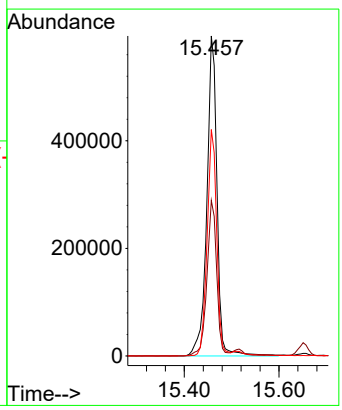


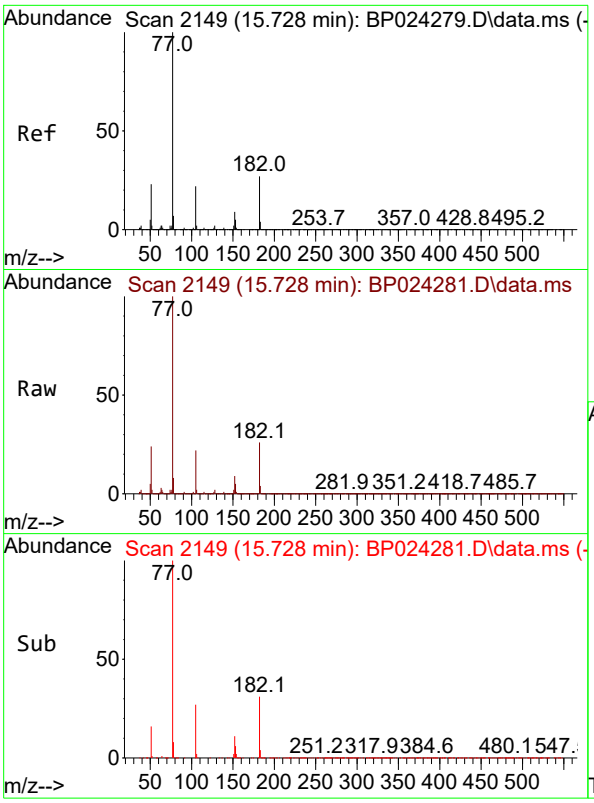


#62
4-Nitroaniline
Concen: 67.414 ng
RT: 15.457 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:138 Resp: 886163

Ion	Ratio	Lower	Upper
138	100		
92	48.6	27.8	67.8
108	70.7	48.9	88.9



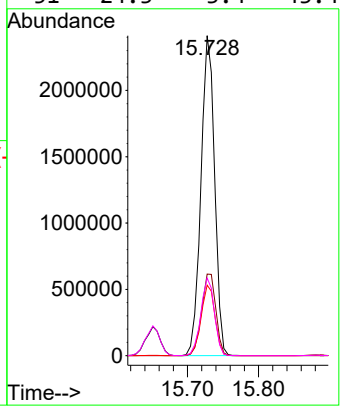


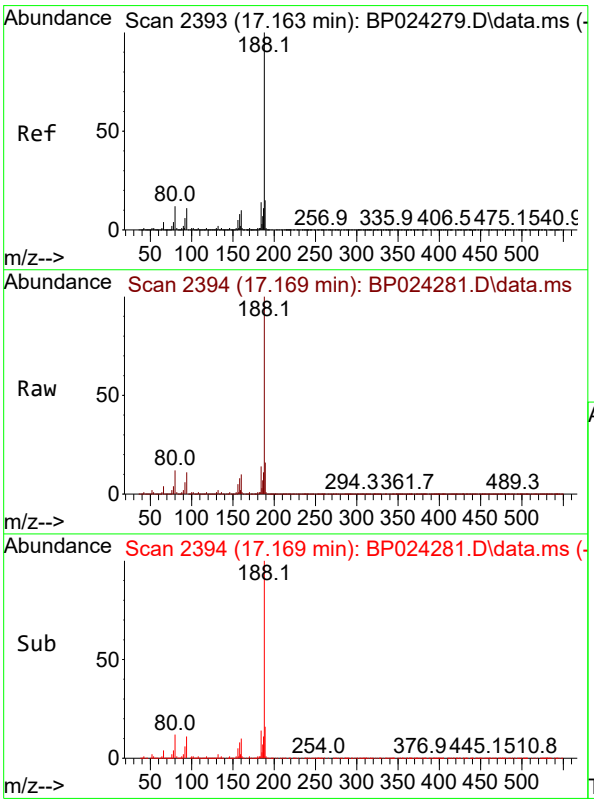
#63
Azobenzene
Concen: 60.070 ng
RT: 15.728 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 3229873

Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.3	47.3
105	22.1	2.3	42.3
51	24.3	3.4	43.4

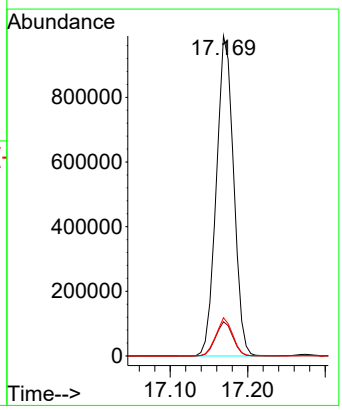


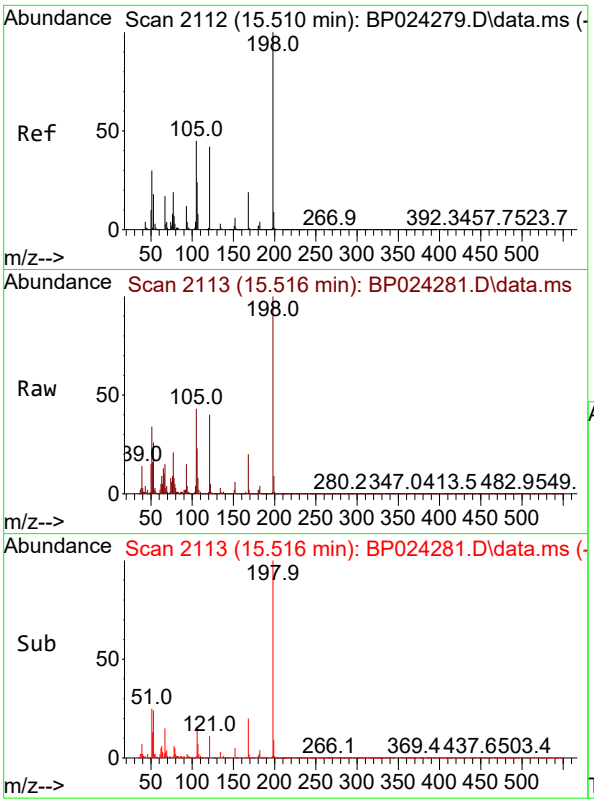


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2394
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:188 Resp: 1536805

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.6	13.0
80	12.0	9.8	14.6



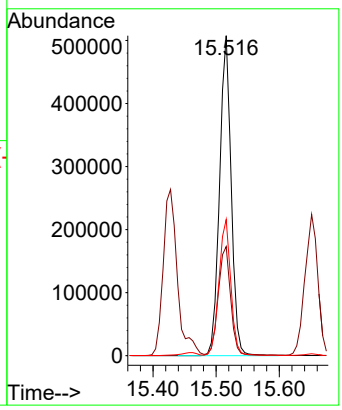


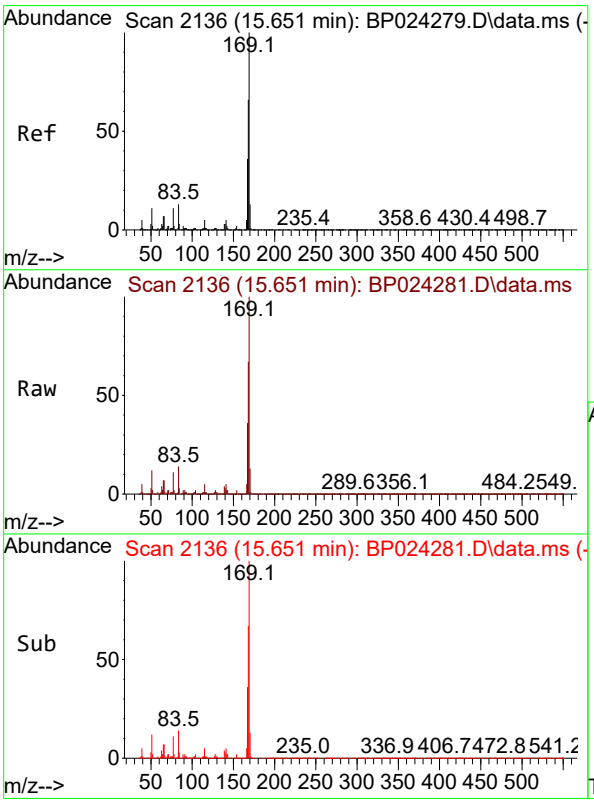
#65
4,6-Dinitro-2-methylphenol
Concen: 72.083 ng
RT: 15.516 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 647253

Ion	Ratio	Lower	Upper
198	100		
51	34.1	18.4	58.4
105	42.6	26.5	66.5

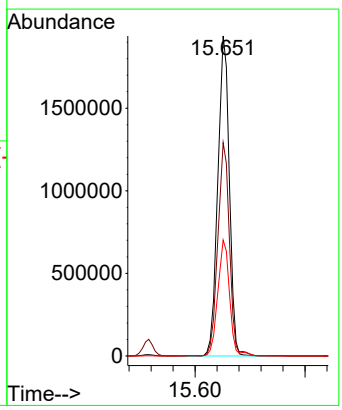


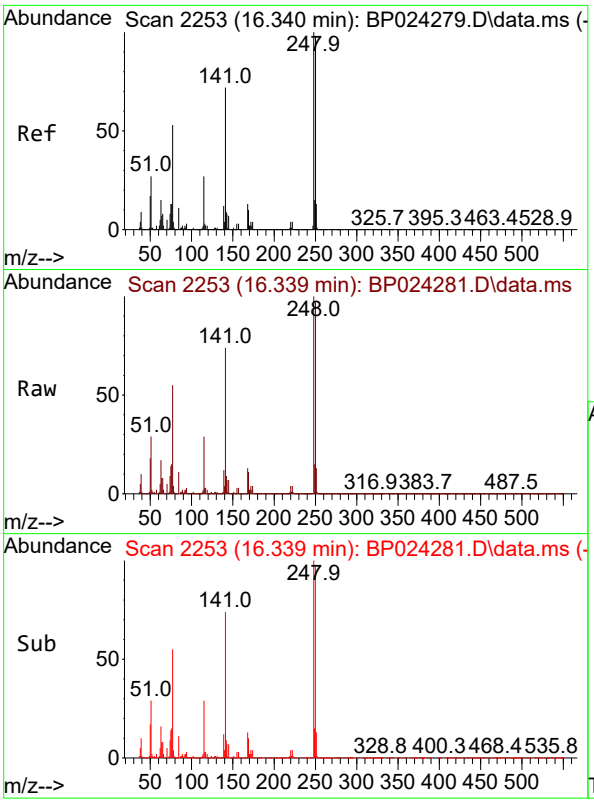


#66
n-Nitrosodiphenylamine
Concen: 60.874 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:169 Resp: 2805137

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.4
167	36.3	28.9	43.3



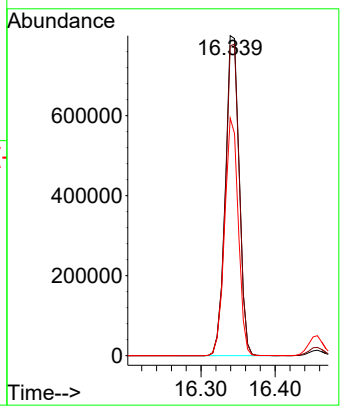


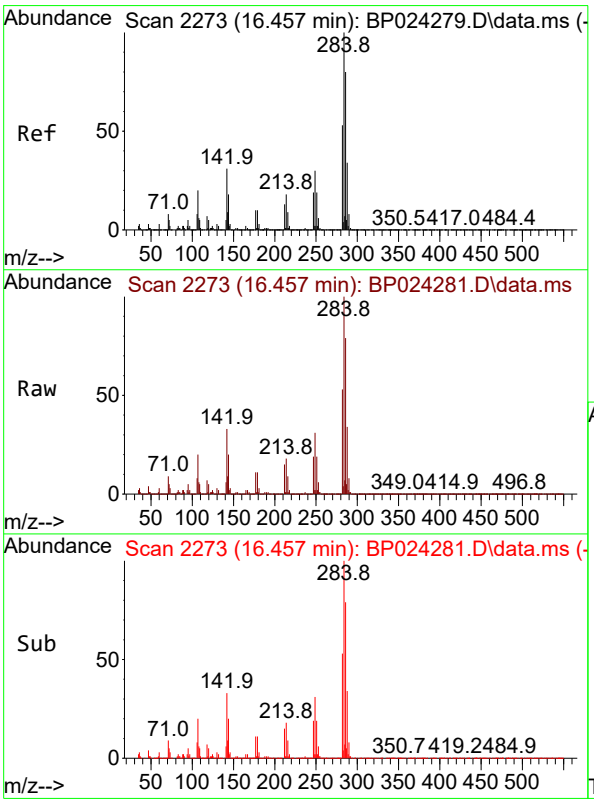
#67
4-Bromophenyl-phenylether
Concen: 61.926 ng
RT: 16.339 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 1038071

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.2	117.4
141	74.2	57.7	86.5

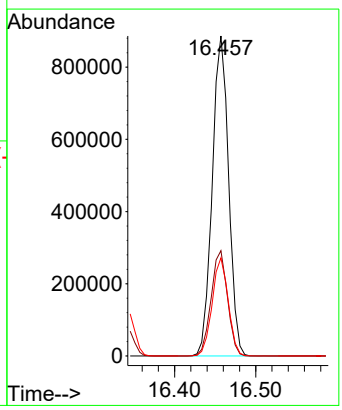


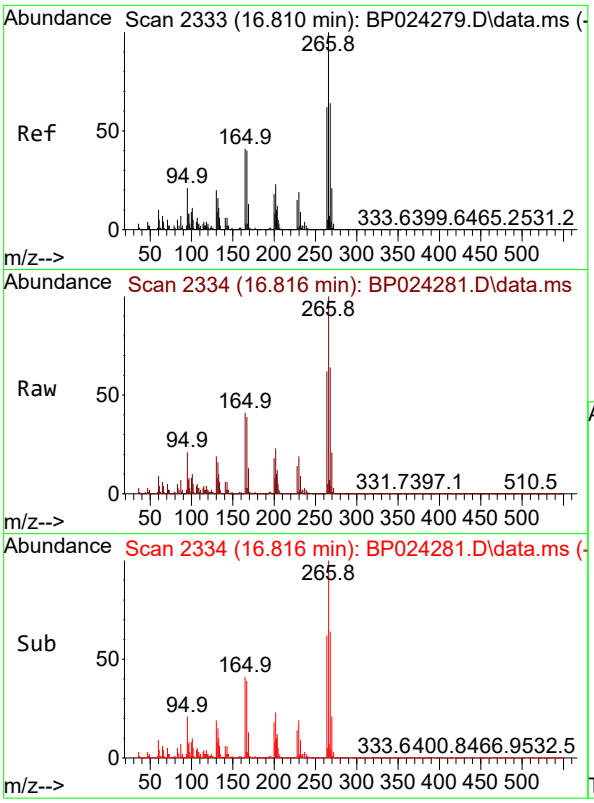


#68
Hexachlorobenzene
Concen: 62.200 ng
RT: 16.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:284 Resp: 1239550

Ion	Ratio	Lower	Upper
284	100		
142	32.9	24.6	37.0
249	30.7	23.8	35.6



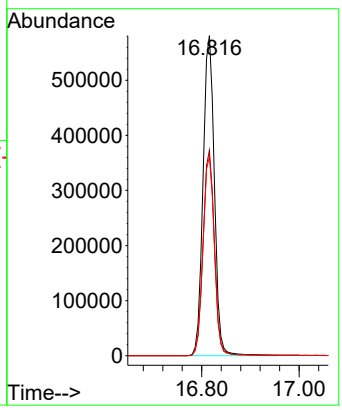


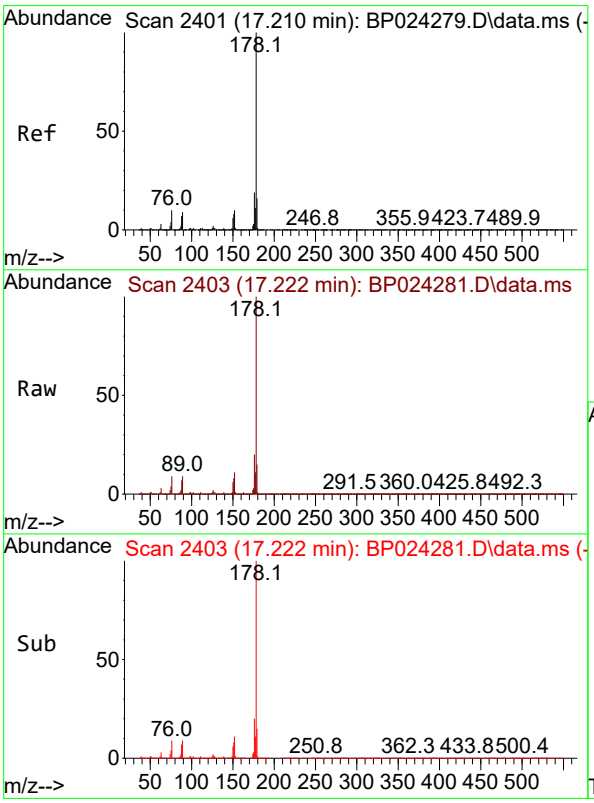
#70
Pentachlorophenol
Concen: 68.445 ng
RT: 16.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:266 Resp: 936562

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.0	76.6
264	62.3	49.8	74.6

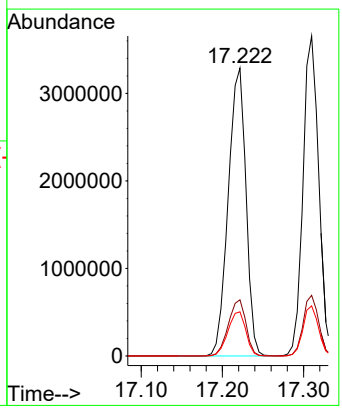


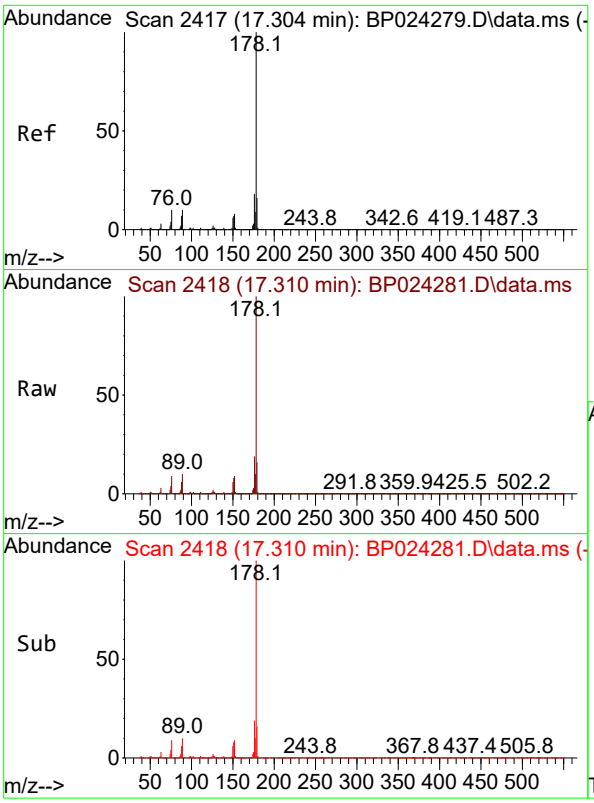


#71
Phenanthrene
Concen: 59.209 ng
RT: 17.222 min Scan# 2403
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:178 Resp: 4988840

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.3	12.5	18.7



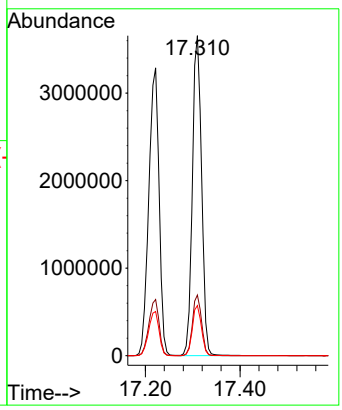


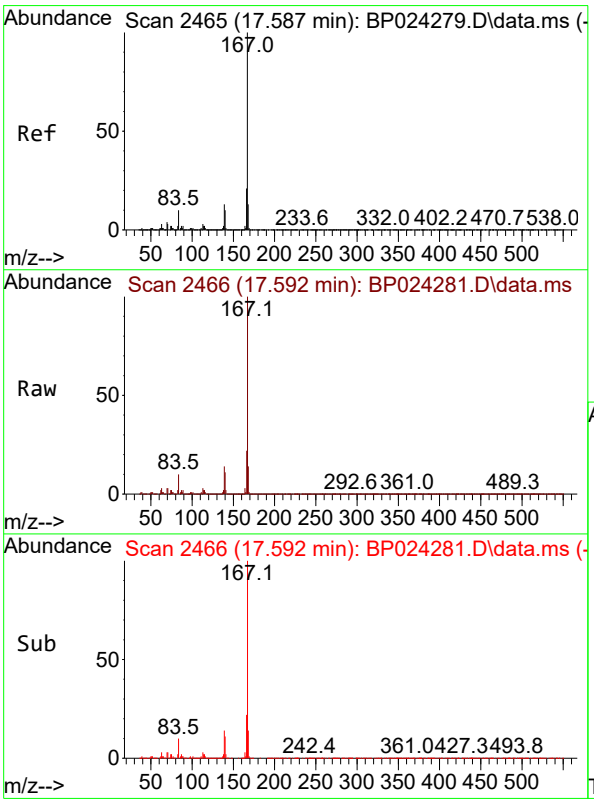
#72
Anthracene
Concen: 60.907 ng
RT: 17.310 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 4938117

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.7	12.4	18.6

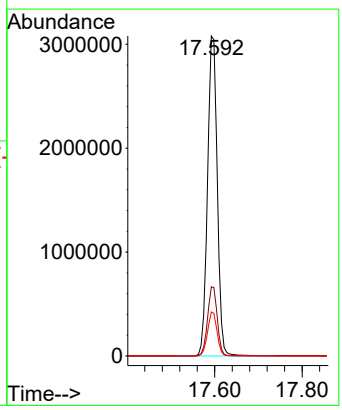


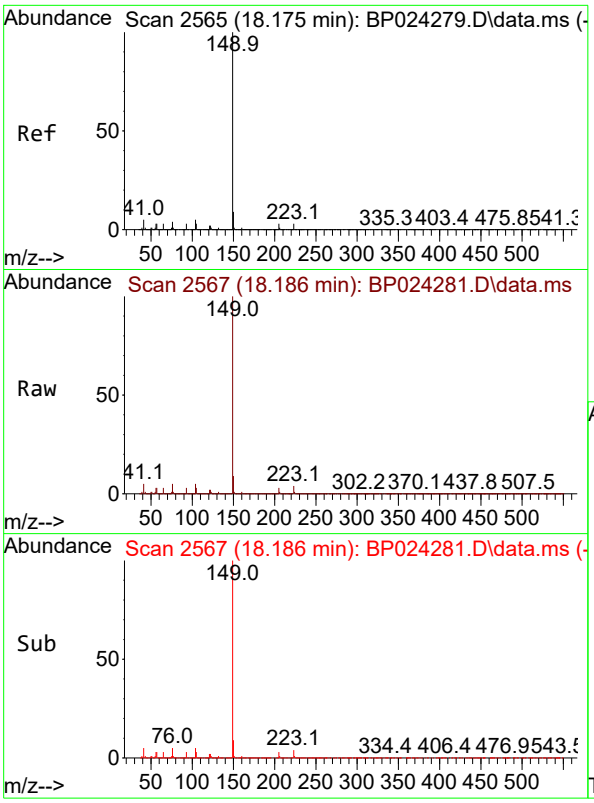


#73
Carbazole
Concen: 60.584 ng
RT: 17.592 min Scan# 2466
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:167 Resp: 4780408

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.7	10.6	16.0



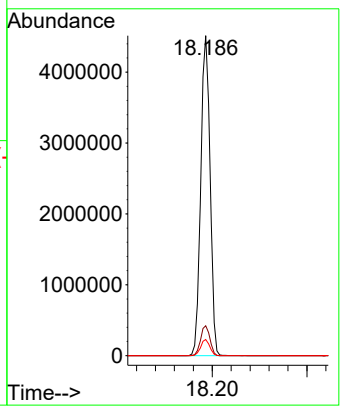


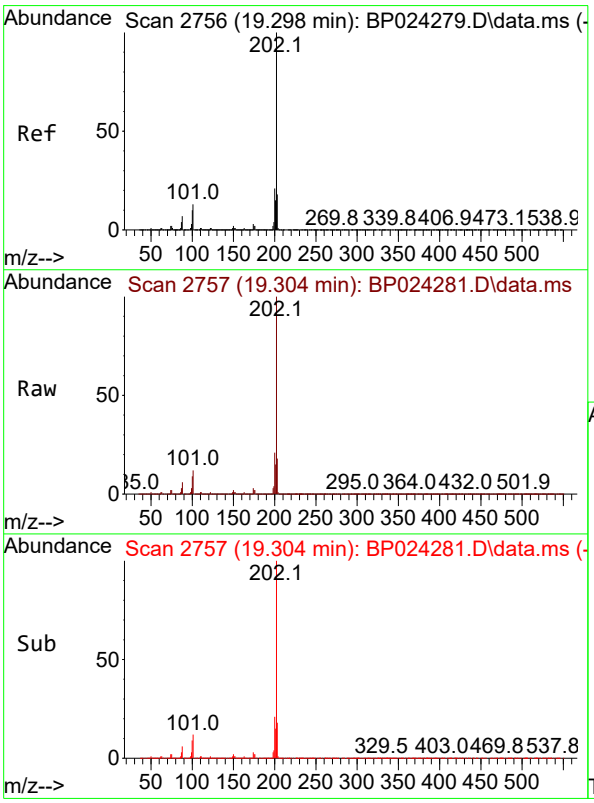
#74
Di-n-butylphthalate
Concen: 62.730 ng
RT: 18.186 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 6167206

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9

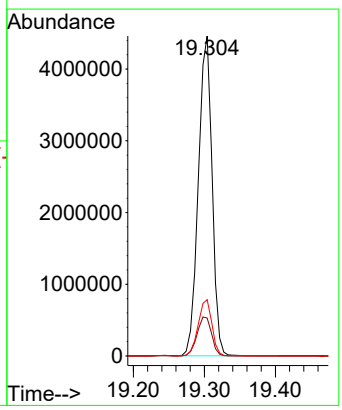


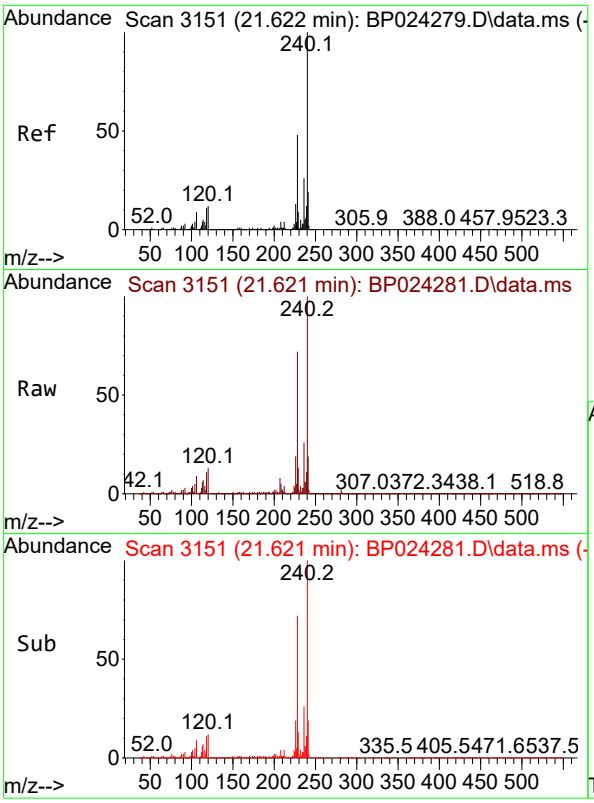


#75
Fluoranthene
Concen: 60.092 ng
RT: 19.304 min Scan# 2757
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:202 Resp: 6009748

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	17.6	0.0	37.7



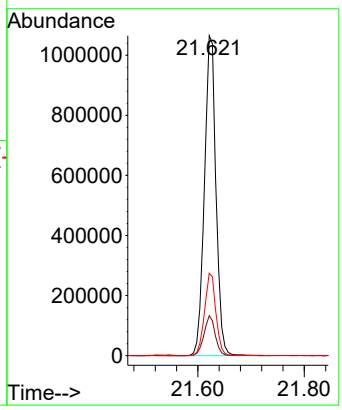


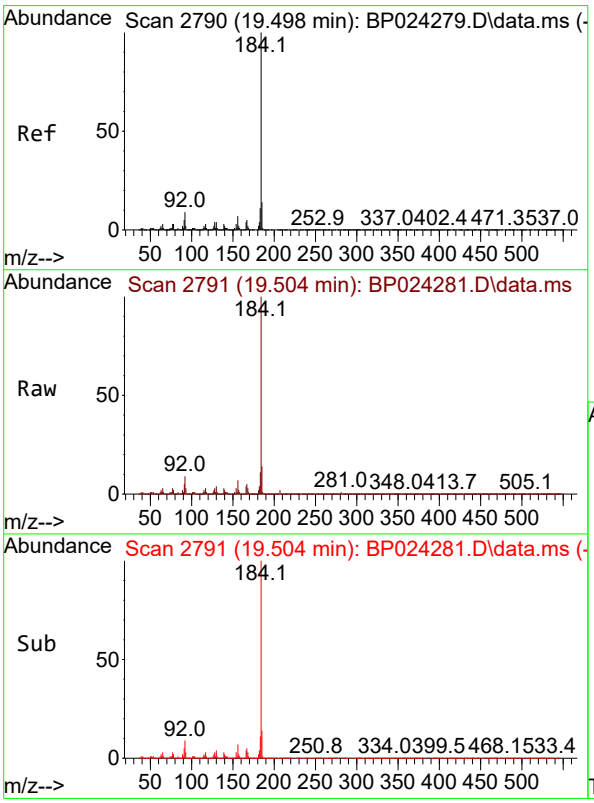
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.621 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:240 Resp: 1596148

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.8	14.8
236	25.8	20.9	31.3

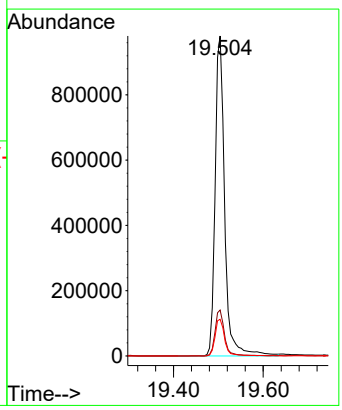


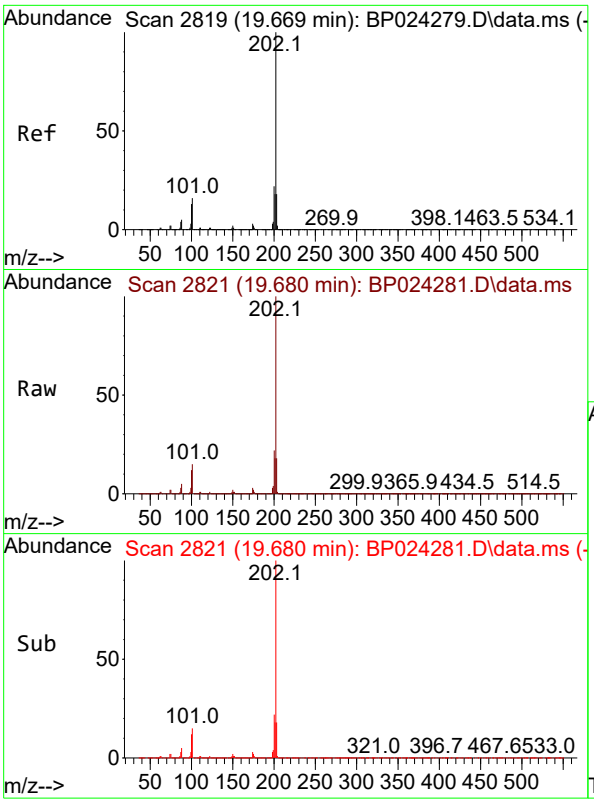


#77
Benzidine
Concen: 73.401 ng
RT: 19.504 min Scan# 2791
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:184 Resp: 1446166

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.6	17.4
183	11.5	9.2	13.8



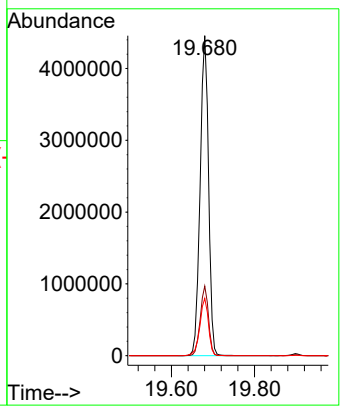


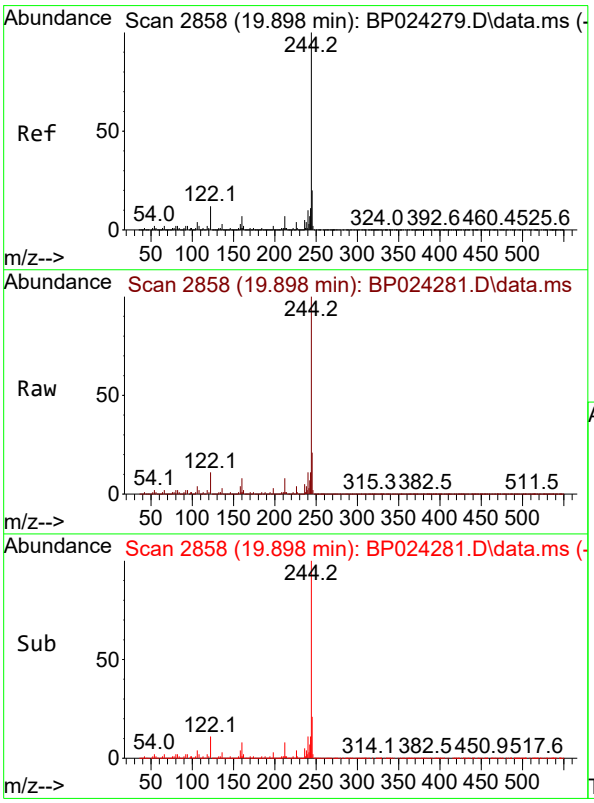
#78
Pyrene
Concen: 61.204 ng
RT: 19.680 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 6250781

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.9	14.4	21.6

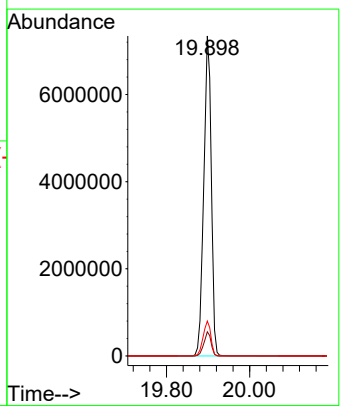


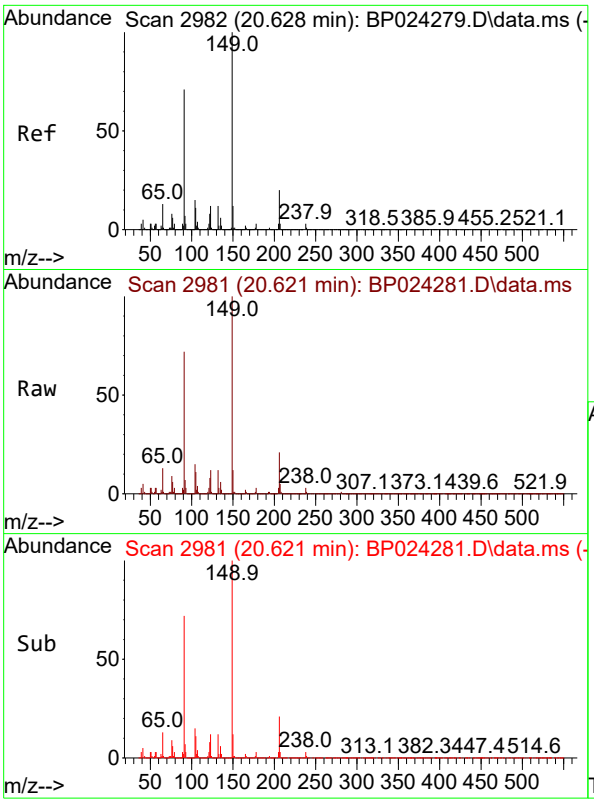


#79
Terphenyl-d14
Concen: 115.262 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:244 Resp: 9228969

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.6	8.4
122	10.9	9.4	14.0



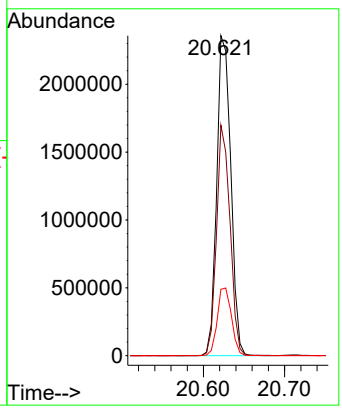


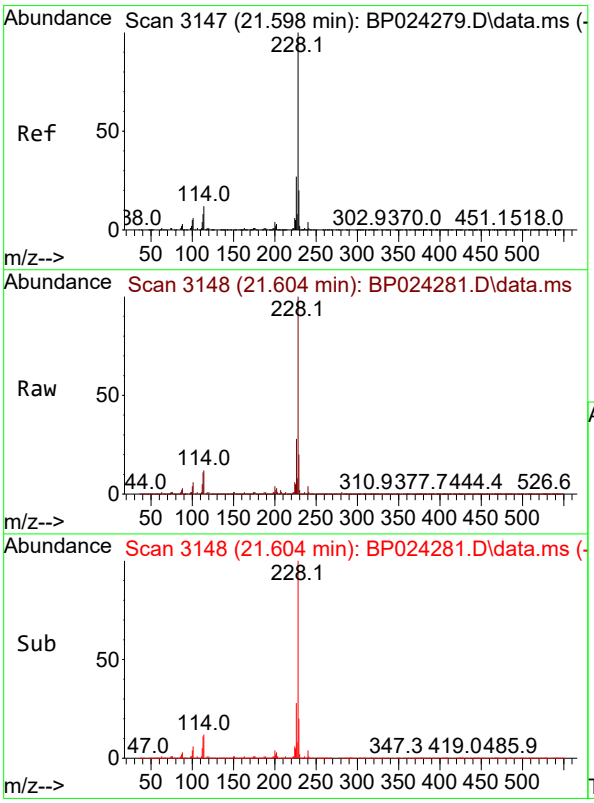
#80
Butylbenzylphthalate
Concen: 65.961 ng
RT: 20.621 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 2840001

Ion	Ratio	Lower	Upper
149	100		
91	72.0	56.4	84.6
206	20.7	16.3	24.5

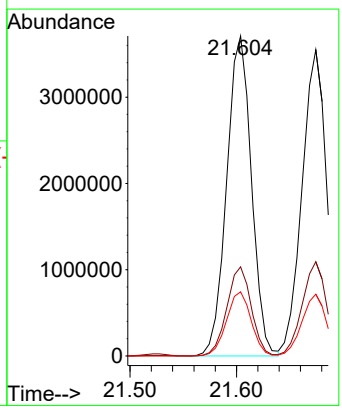


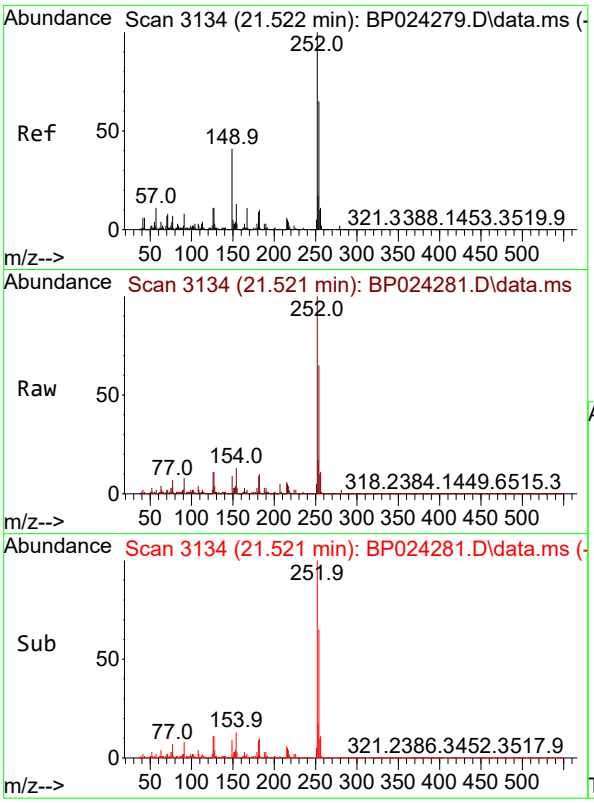


#81
Benzo(a)anthracene
Concen: 60.318 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:228 Resp: 6002059

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.1	15.9	23.9



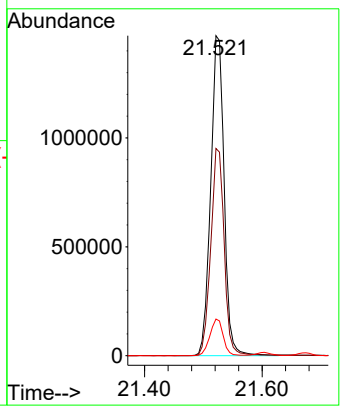


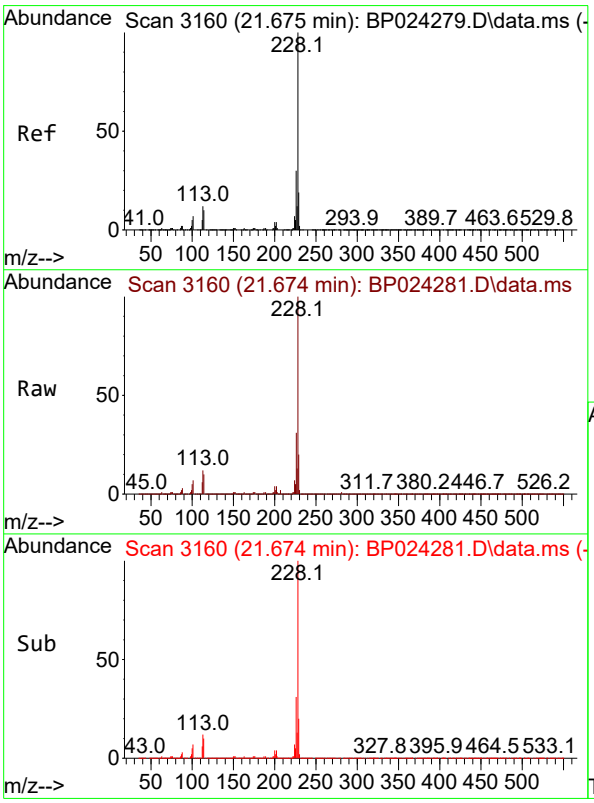
#82
3,3'-Dichlorobenzidine
Concen: 67.333 ng
RT: 21.521 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 2323294

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	11.5	8.8	13.2

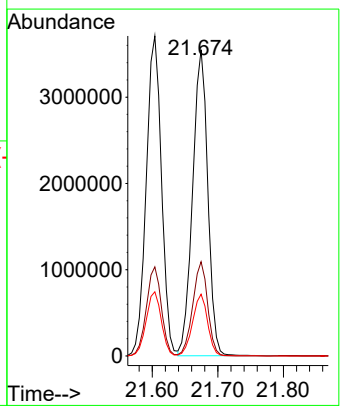


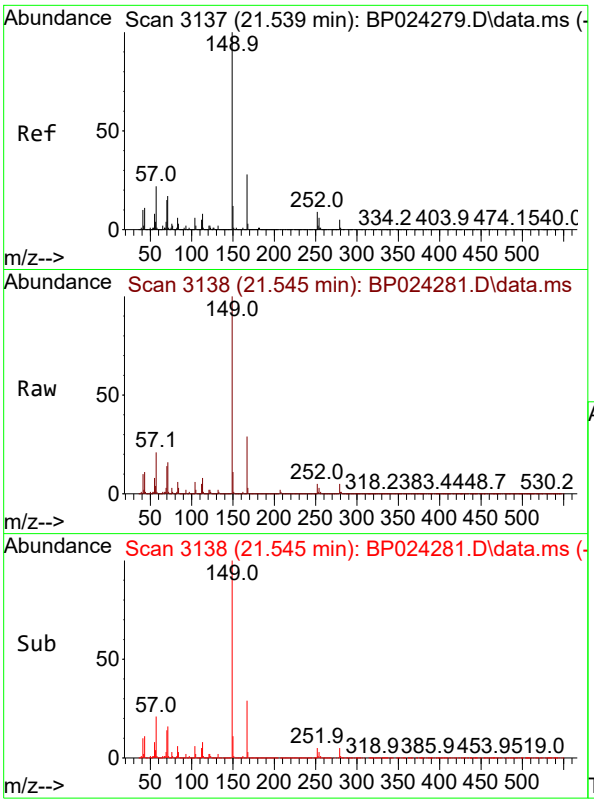


#83
Chrysene
Concen: 59.924 ng
RT: 21.674 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:228 Resp: 5714775

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	20.2	15.6	23.4



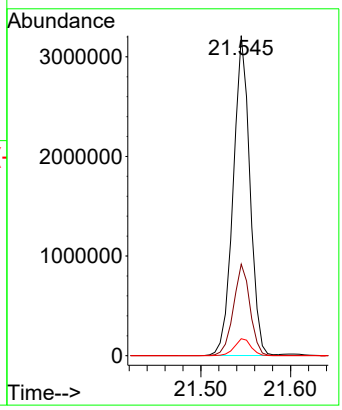


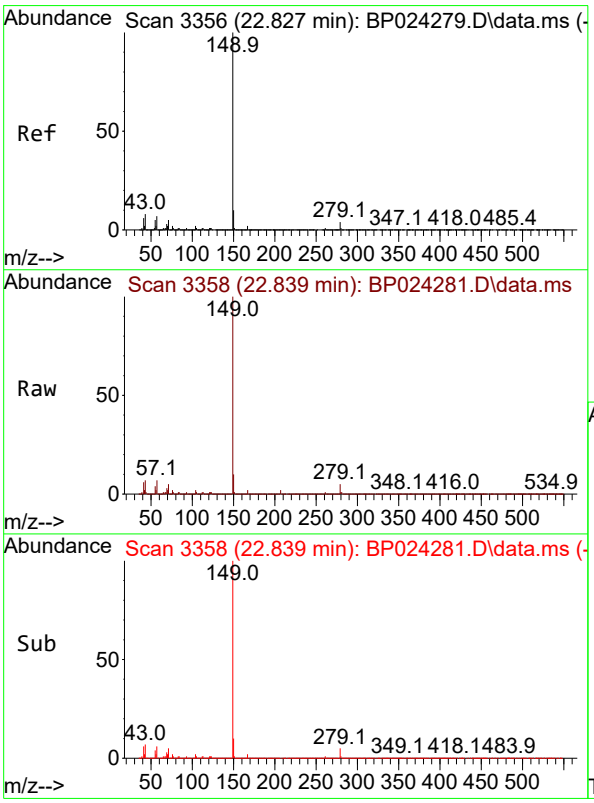
#84
Bis(2-ethylhexyl)phthalate
Concen: 65.497 ng
RT: 21.545 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 4153128

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.4	33.6
279	5.3	4.0	6.0

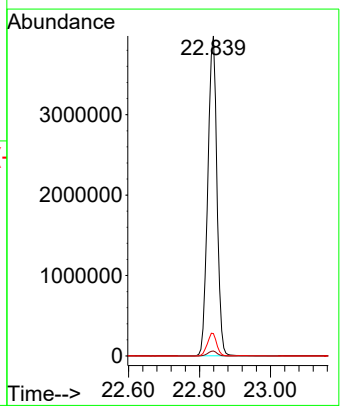


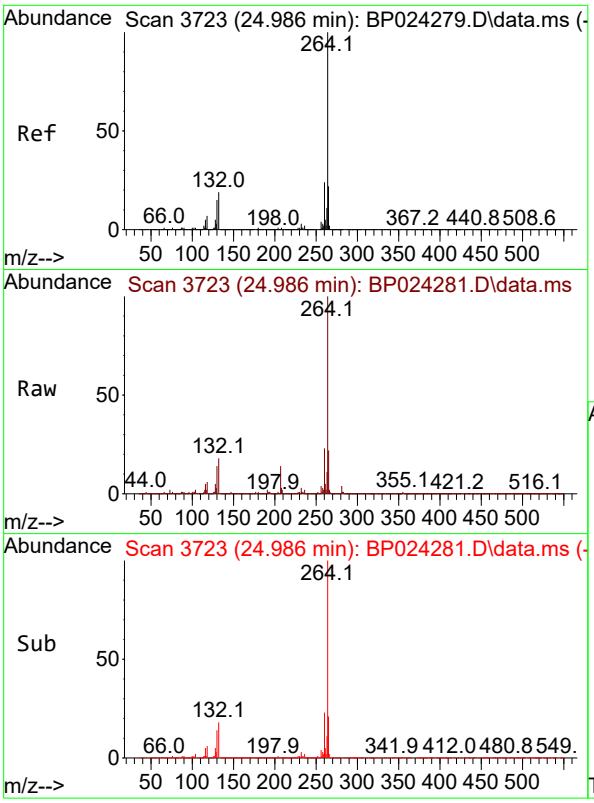


#85
Di-n-octyl phthalate
Concen: 70.060 ng
RT: 22.839 min Scan# 3358
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:149 Resp: 7116217

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.2	6.0	9.0



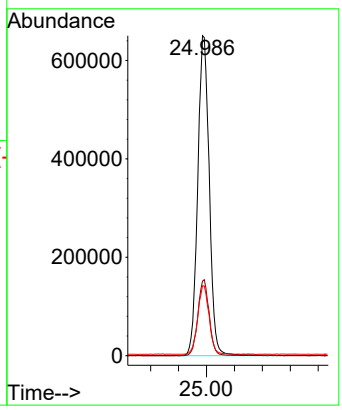


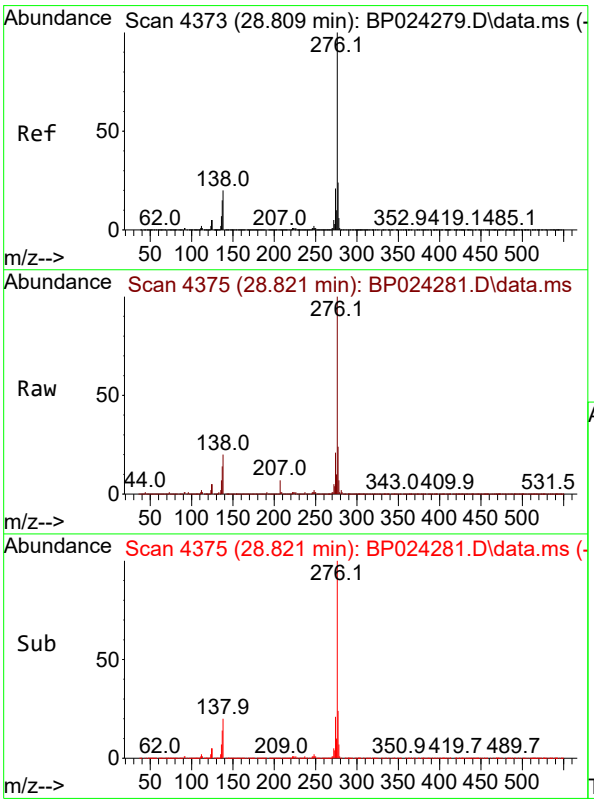
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:264 Resp: 1858365

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.8	17.8	26.6

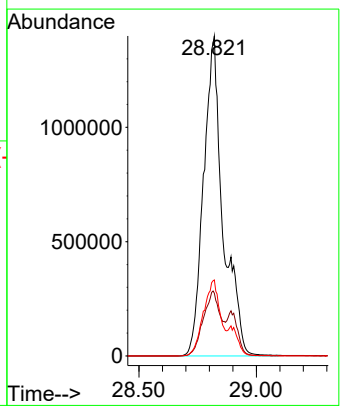


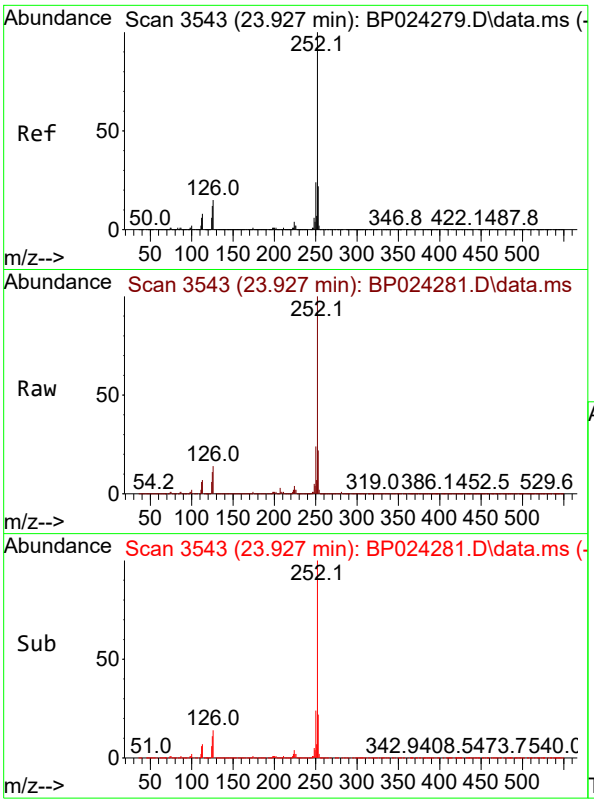


#87
Indeno(1,2,3-cd)pyrene
Concen: 63.043 ng m
RT: 28.821 min Scan# 4375
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:276 Resp: 8057576

Ion	Ratio	Lower	Upper
276	100		
138	18.2	14.5	21.7
277	20.7	20.2	30.2



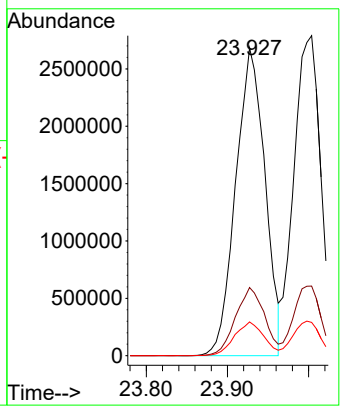


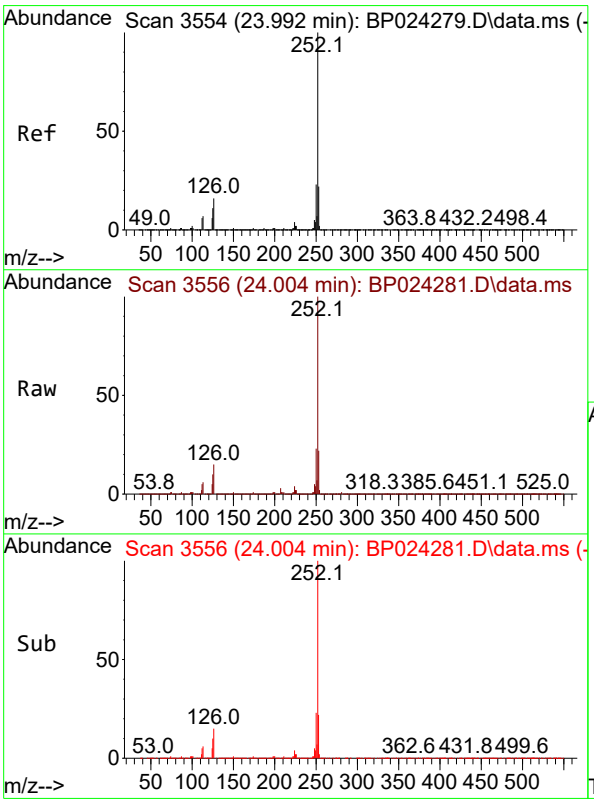
#88
Benzo(b)fluoranthene
Concen: 60.400 ng
RT: 23.927 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 6715444

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.0	9.4	14.0

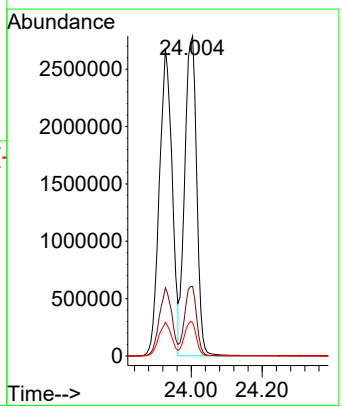


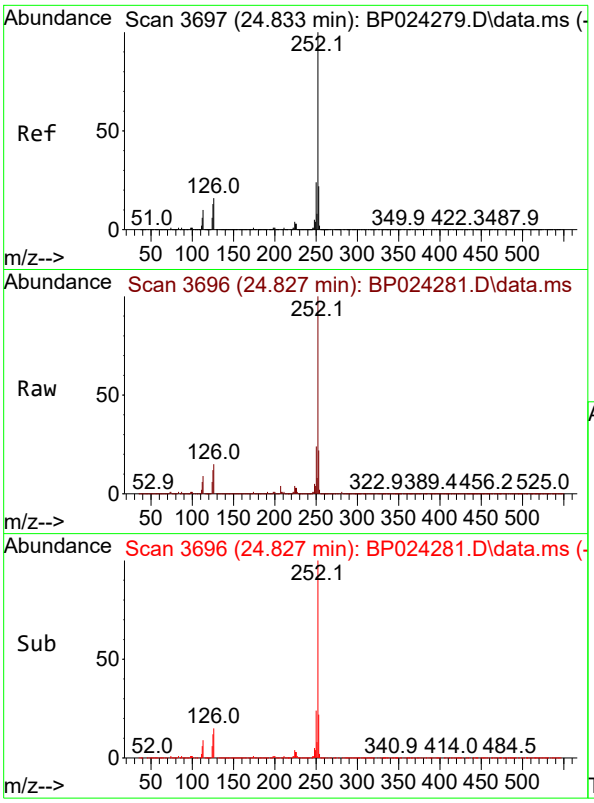


#89
Benzo(k)fluoranthene
Concen: 60.244 ng
RT: 24.004 min Scan# 3556
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:252 Resp: 6500782

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.4	9.1	13.7



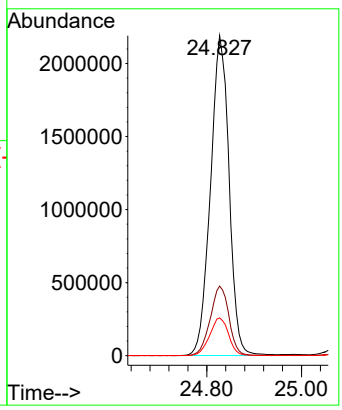


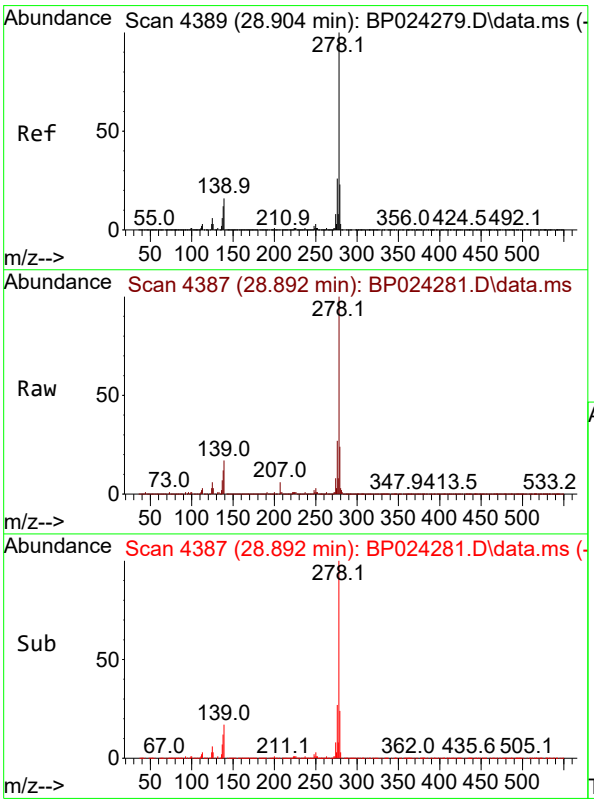
#90
Benzo(a)pyrene
Concen: 62.316 ng
RT: 24.827 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 5964163

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.8	10.1	15.1

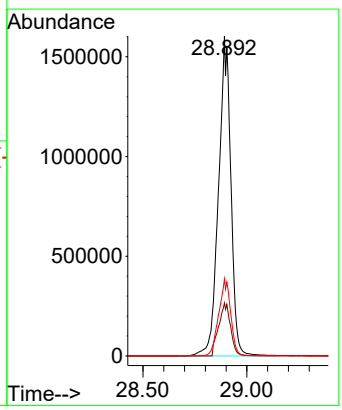


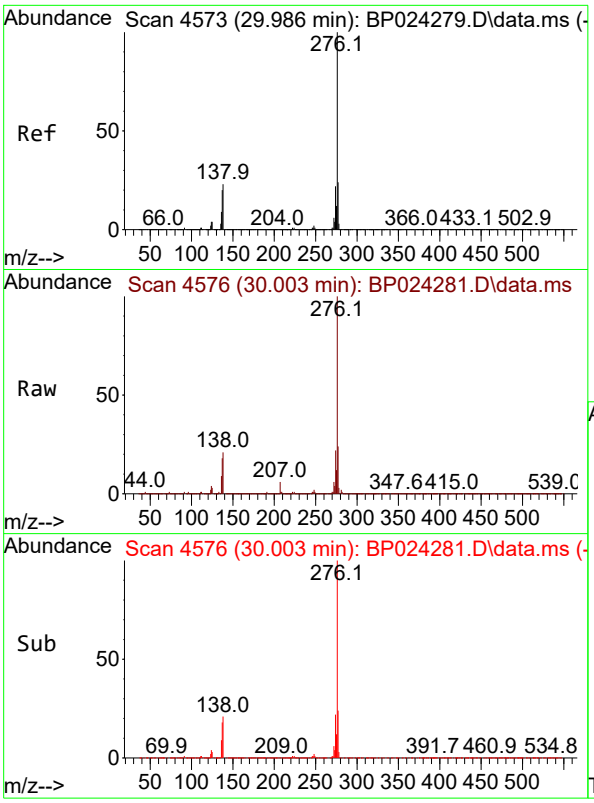


#91
Dibenzo(a,h)anthracene
Concen: 62.214 ng
RT: 28.892 min Scan# 4387
Delta R.T. -0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:278 Resp: 6614173

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.6	19.0
279	24.1	18.5	27.7



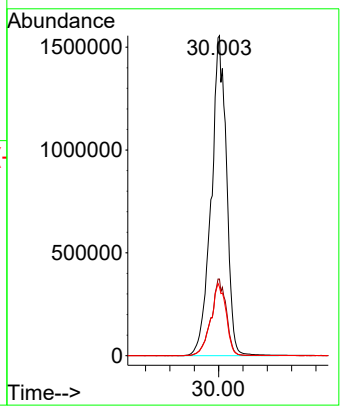


#92
Benzo(g,h,i)perylene
Concen: 62.294 ng
RT: 30.003 min Scan# 4
Delta R.T. 0.017 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 6740929

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.5	18.7	28.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024282.D
Acq On : 14 Apr 2025 17:13
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Apr 14 18:14:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	244732	20.000	ng		0.00
21) Naphthalene-d8	10.504	136	1024316	20.000	ng		0.00
39) Acenaphthene-d10	14.369	164	641442	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1279313	20.000	ng		0.02
76) Chrysene-d12	21.621	240	1378105	20.000	ng		0.00
86) Perylene-d12	24.986	264	1583281	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	2341577	157.905	ng		0.00
7) Phenol-d6	6.916	99	3224074	158.927	ng		0.00
23) Nitrobenzene-d5	8.881	82	2847003	158.236	ng		0.00
42) 2,4,6-Tribromophenol	15.892	330	1507534	171.633	ng		0.01
45) 2-Fluorobiphenyl	12.981	172	6362479	150.596	ng		0.01
79) Terphenyl-d14	19.922	244	10209149	147.678	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	467234	73.805	ng		99
3) Pyridine	3.687	79	1349044m	81.864	ng		
4) n-Nitrosodimethylamine	3.593	42	434861	79.138	ng		97
6) Aniline	7.069	93	1351337	73.789	ng		100
8) 2-Chlorophenol	7.305	128	1299769	78.433	ng		99
9) Benzaldehyde	6.881	77	608272	57.891	ng		99
10) Phenol	6.946	94	1608027	78.944	ng		98
11) bis(2-Chloroethyl)ether	7.163	93	1272327	77.297	ng		99
12) 1,3-Dichlorobenzene	7.622	146	1344292	74.869	ng		100
13) 1,4-Dichlorobenzene	7.763	146	1369087	75.195	ng		99
14) 1,2-Dichlorobenzene	8.075	146	1310407	74.432	ng		100
15) Benzyl Alcohol	7.975	79	1098602	84.492	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	1319830	73.704	ng		98
17) 2-Methylphenol	8.175	107	1064555	81.101	ng		100
18) Hexachloroethane	8.799	117	498897	75.920	ng		99
19) n-Nitroso-di-n-propyla...	8.534	70	968278	76.844	ng		99
20) 3+4-Methylphenols	8.499	107	1492527	82.092	ng		99
22) Acetophenone	8.546	105	1977578	77.680	ng	#	100
24) Nitrobenzene	8.922	77	1392093	78.066	ng		98
25) Isophorone	9.446	82	2617853	80.596	ng		99
26) 2-Nitrophenol	9.628	139	760077	88.768	ng		98
27) 2,4-Dimethylphenol	9.693	122	905891	83.475	ng		99
28) bis(2-Chloroethoxy)met...	9.922	93	1689686	76.434	ng		99
29) 2,4-Dichlorophenol	10.157	162	1238253	83.719	ng		99
30) 1,2,4-Trichlorobenzene	10.369	180	1252476	78.272	ng		99
31) Naphthalene	10.557	128	4190486	77.287	ng		100
32) Benzoic acid	9.875	122	1154243m	98.425	ng		
33) 4-Chloroaniline	10.669	127	1547427	81.682	ng		99
34) Hexachlorobutadiene	10.840	225	743811	79.240	ng		99
35) Caprolactam	11.481	113	469910	86.534	ng		98
36) 4-Chloro-3-methylphenol	11.804	107	1438601	83.468	ng		98
37) 2-Methylnaphthalene	12.169	142	2918685	77.673	ng		99
38) 1-Methylnaphthalene	12.393	142	2831173	76.912	ng		100
40) 1,2,4,5-Tetrachloroben...	12.545	216	1416894	80.378	ng		100
41) Hexachlorocyclopentadiene	12.528	237	523136	84.532	ng		99
43) 2,4,6-Trichlorophenol	12.787	196	1000309	86.244	ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024282.D
Acq On : 14 Apr 2025 17:13
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Apr 14 18:14:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

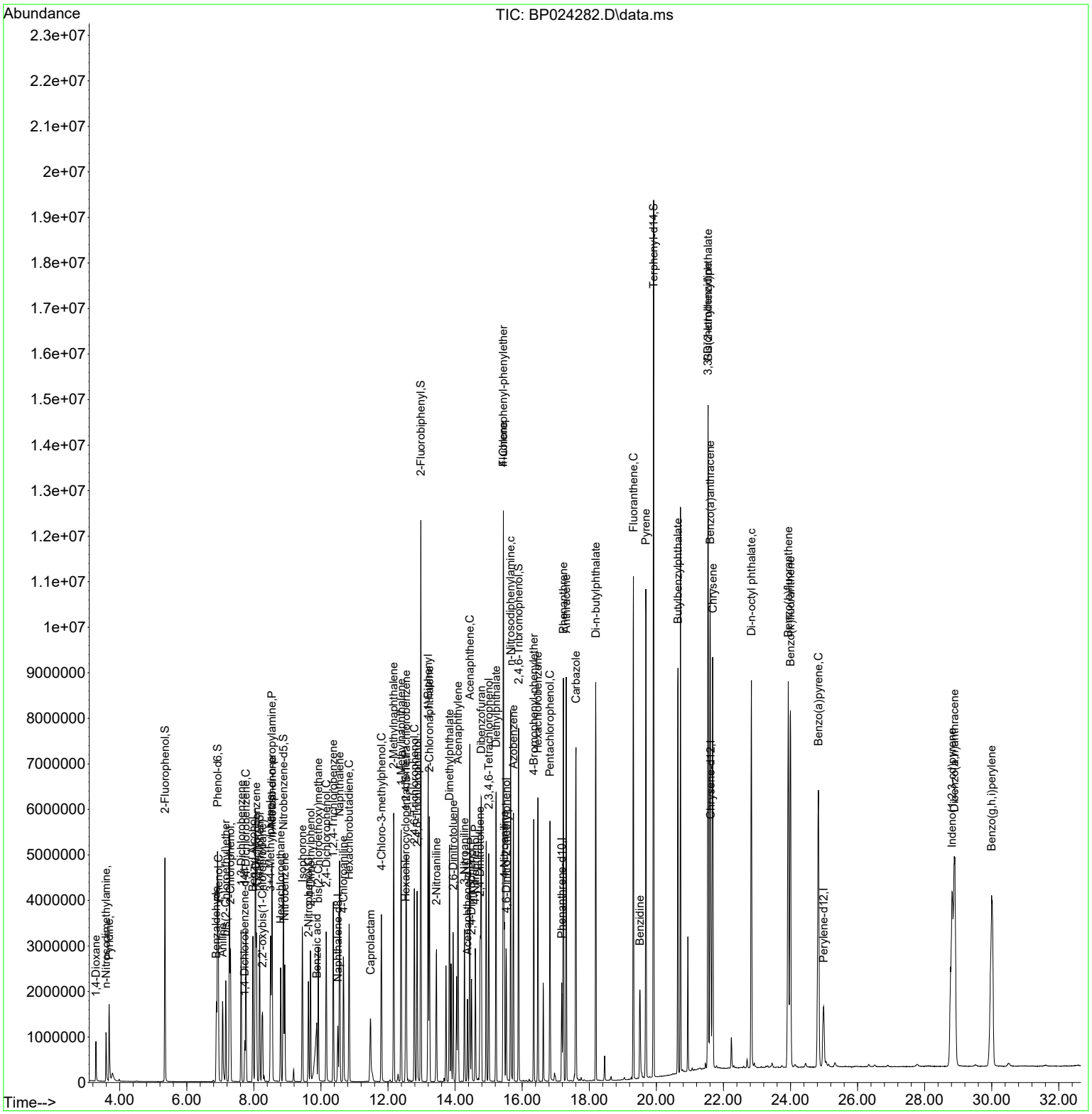
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.869	196	1103073	85.819	ng	98
46)	1,1'-Biphenyl	13.198	154	3665607	77.381	ng	99
47)	2-Chloronaphthalene	13.234	162	2766302	78.257	ng	99
48)	2-Nitroaniline	13.445	65	848619	86.912	ng	98
49)	Acenaphthylene	14.087	152	4438648	80.004	ng	100
50)	Dimethylphthalate	13.834	163	3659579	78.201	ng	99
51)	2,6-Dinitrotoluene	13.945	165	814314	82.589	ng	98
52)	Acenaphthene	14.439	154	2761536	78.270	ng	100
53)	3-Nitroaniline	14.281	138	919775	89.913	ng	99
54)	2,4-Dinitrophenol	14.492	184	541483	102.567	ng	99
55)	Dibenzofuran	14.781	168	4420987	76.402	ng	99
56)	4-Nitrophenol	14.604	139	814261	92.599	ng	98
57)	2,4-Dinitrotoluene	14.745	165	1169554	87.755	ng	98
58)	Fluorene	15.439	166	3479094	77.873	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.004	232	999335	84.031	ng	100
60)	Diethylphthalate	15.222	149	3800651	78.910	ng	99
61)	4-Chlorophenyl-phenyle...	15.439	204	1689620	77.881	ng	100
62)	4-Nitroaniline	15.469	138	965926	89.063	ng	98
63)	Azobenzene	15.739	77	3448680	77.741	ng	98
65)	4,6-Dinitro-2-methylph...	15.528	198	705506	94.385	ng	92
66)	n-Nitrosodiphenylamine	15.657	169	2970516	77.438	ng	99
67)	4-Bromophenyl-phenylether	16.345	248	1137128	81.488	ng	99
68)	Hexachlorobenzene	16.469	284	1347567	81.231	ng	97
70)	Pentachlorophenol	16.828	266	1027691	90.221	ng	99
71)	Phenanthrene	17.228	178	5415046	77.203	ng	100
72)	Anthracene	17.316	178	5270987	78.097	ng	99
73)	Carbazole	17.604	167	5275449	80.314	ng	100
74)	Di-n-butylphthalate	18.192	149	6569078	80.266	ng	100
75)	Fluoranthene	19.316	202	6520527	78.322	ng	99
77)	Benzidine	19.510	184	1694694m	99.624	ng	
78)	Pyrene	19.686	202	6718789	76.195	ng	100
80)	Butylbenzylphthalate	20.645	149	3163633	85.104	ng	96
81)	Benzo(a)anthracene	21.604	228	6729971	78.335	ng	99
82)	3,3'-Dichlorobenzidine	21.539	252	2536509	85.143	ng	99
83)	Chrysene	21.680	228	6433173	78.130	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.545	149	4516949	82.506	ng	98
85)	Di-n-octyl phthalate	22.833	149	7969779	90.878	ng	99
87)	Indeno(1,2,3-cd)pyrene	28.815	276	9286186	85.280	ng	99
88)	Benzo(b)fluoranthene	23.933	252	7677613	81.051	ng	98
89)	Benzo(k)fluoranthene	23.998	252	7207214	78.395	ng	100
90)	Benzo(a)pyrene	24.833	252	6703562	82.211	ng	99
91)	Dibenzo(a,h)anthracene	28.886	278	7614901	84.071	ng	98
92)	Benzo(g,h,i)perylene	29.997	276	7750941	84.072	ng	99

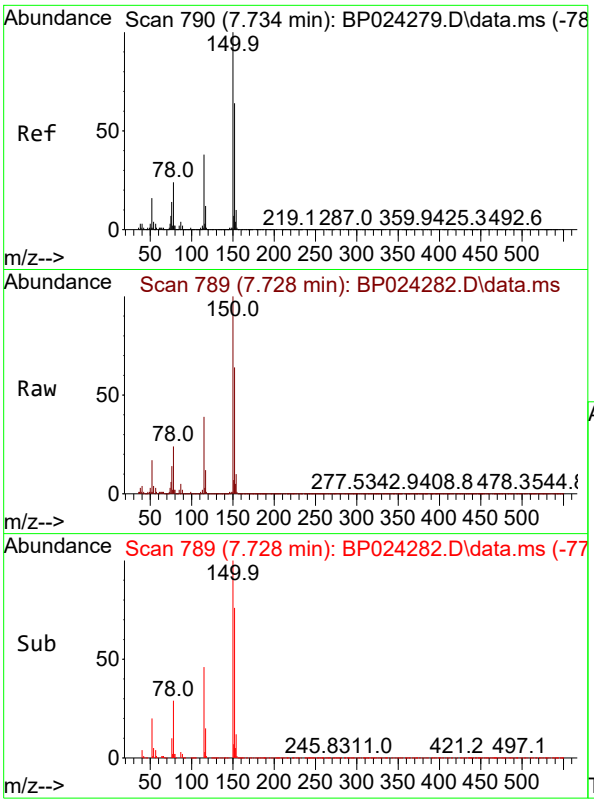
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024282.D
Acq On : 14 Apr 2025 17:13
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Apr 14 18:14:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



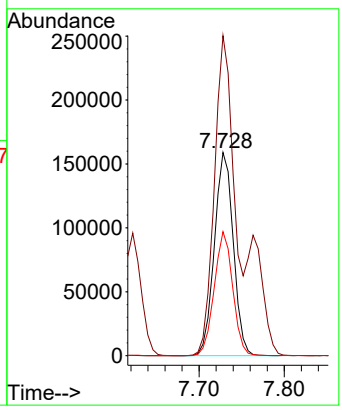


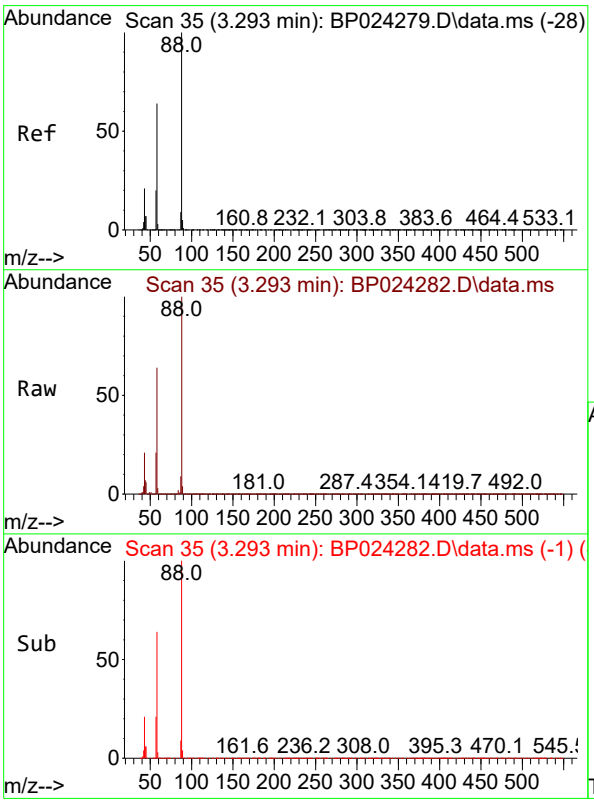
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 244732

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.9	187.3
115	61.0	47.7	71.5

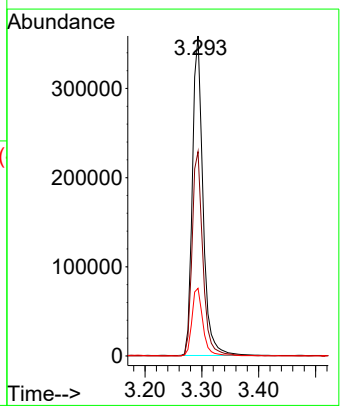


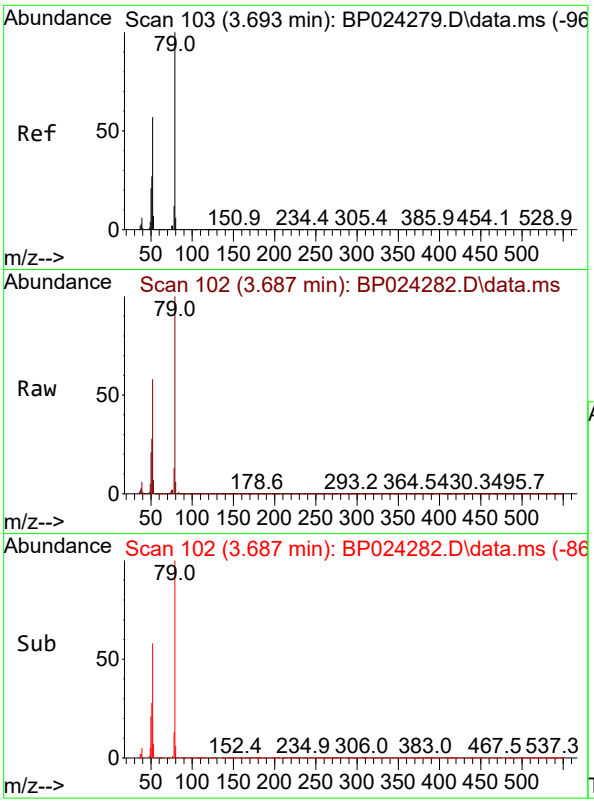


#2
1,4-Dioxane
Concen: 73.805 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 88 Resp: 467234

Ion	Ratio	Lower	Upper
88	100		
58	64.8	51.4	77.2
43	21.7	17.1	25.7



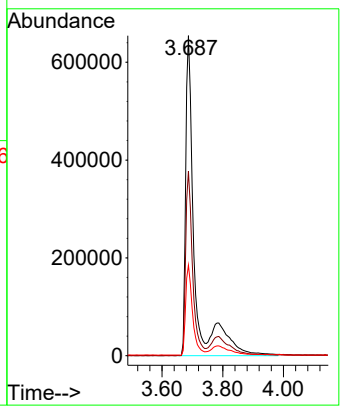


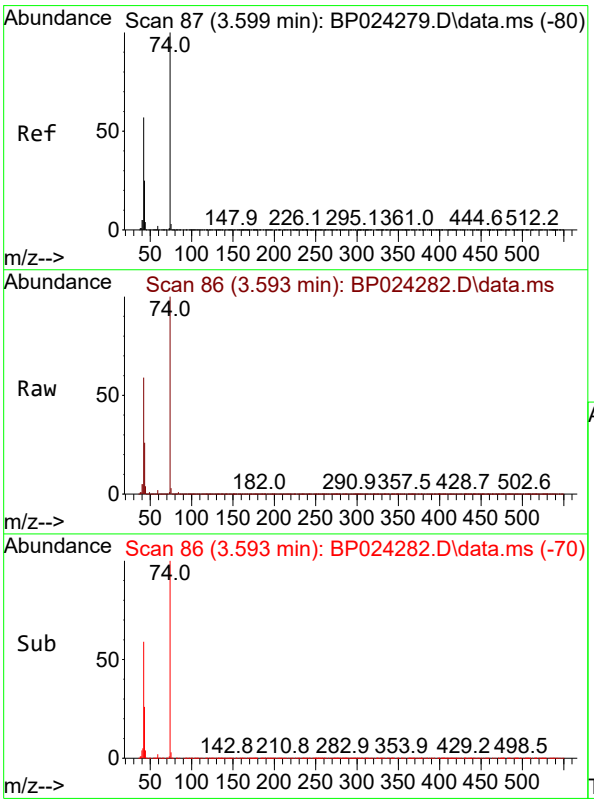
#3
Pyridine
Concen: 81.864 ng m
RT: 3.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1349044

Ion	Ratio	Lower	Upper
79	100		
52	57.7	45.4	68.2
51	28.3	22.6	33.8

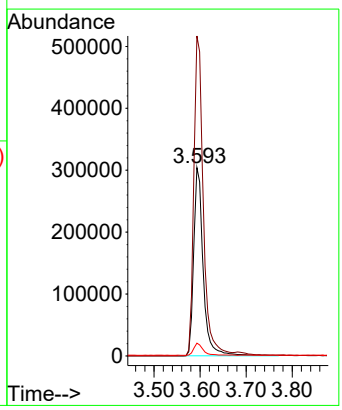


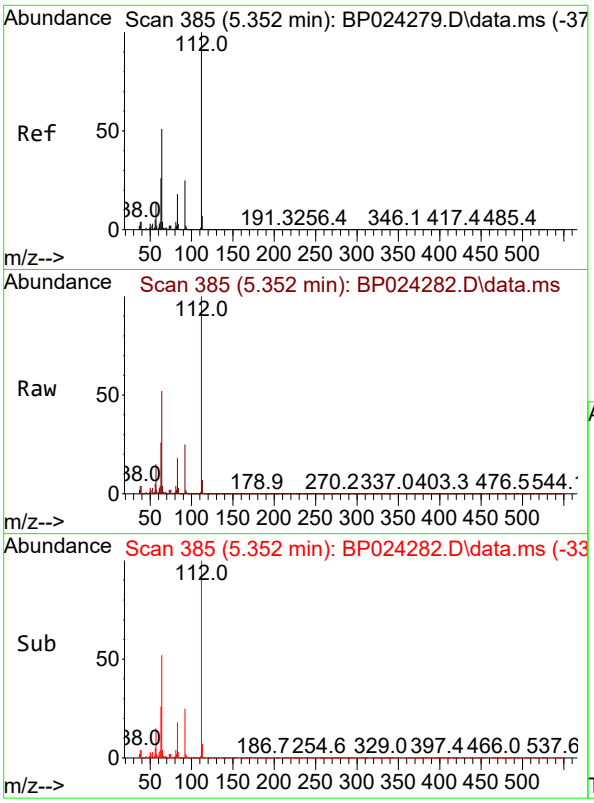


#4
n-Nitrosodimethylamine
Concen: 79.138 ng
RT: 3.593 min Scan# 86
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 42 Resp: 434861

Ion	Ratio	Lower	Upper
42	100		
74	170.0	139.5	209.3
44	6.8	5.8	8.8



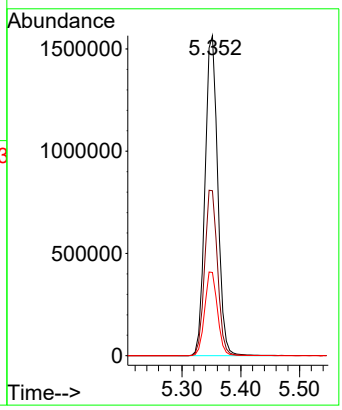


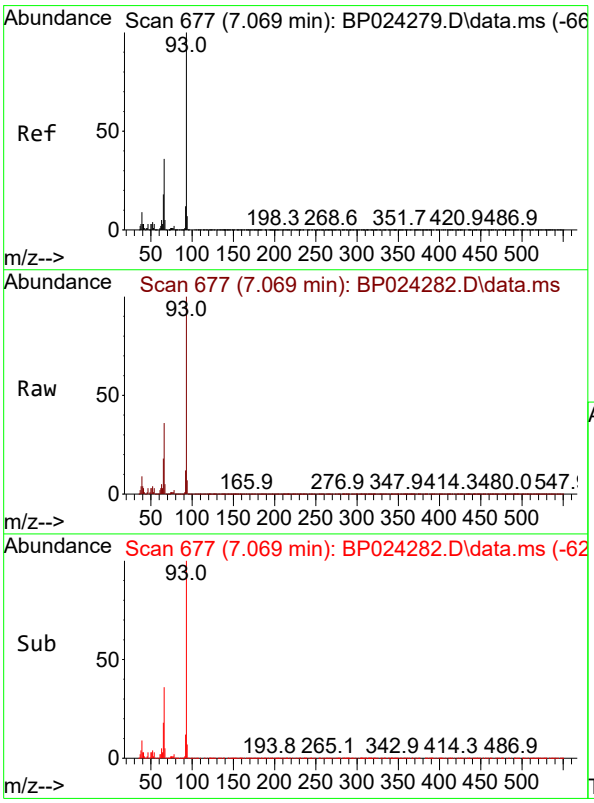
#5
2-Fluorophenol
Concen: 157.905 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 2341577

Ion	Ratio	Lower	Upper
112	100		
64	51.6	41.1	61.7
63	26.0	20.6	30.8

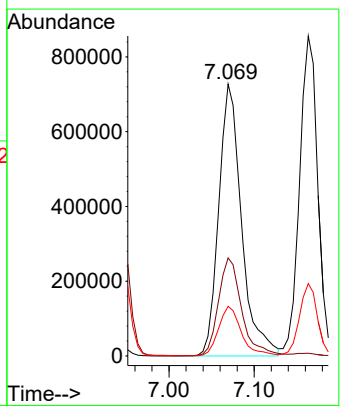


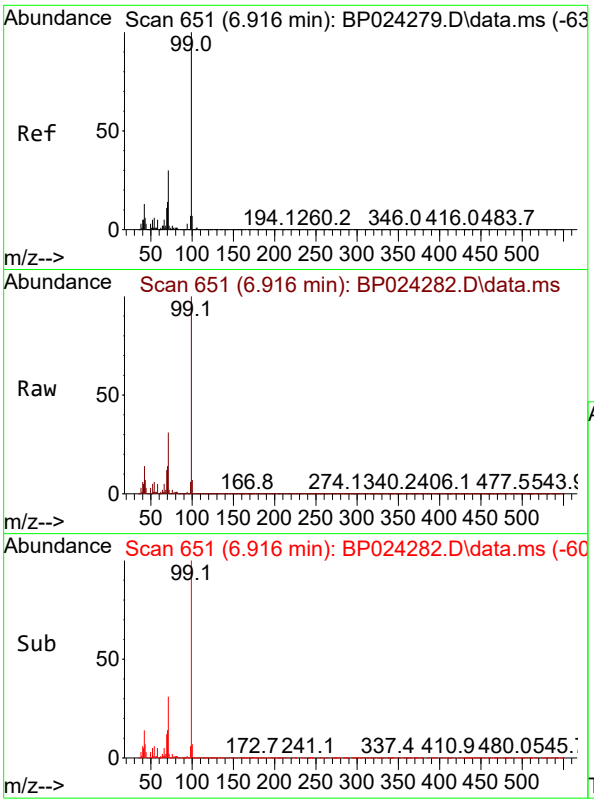


#6
Aniline
Concen: 73.789 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 93 Resp: 1351337

Ion	Ratio	Lower	Upper
93	100		
66	36.1	29.1	43.7
65	18.2	14.7	22.1



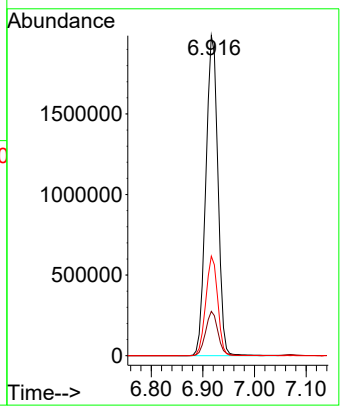


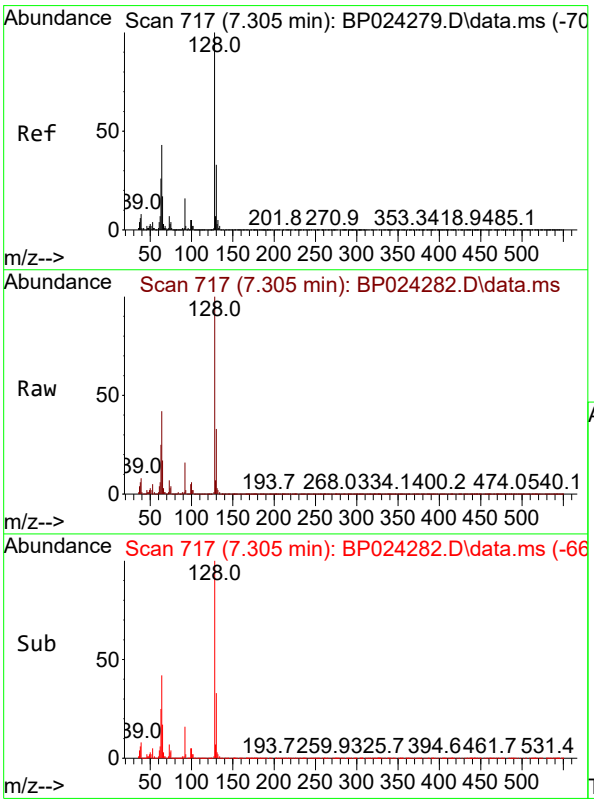
#7
Phenol-d6
Concen: 158.927 ng
RT: 6.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 3224074

Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.6	16.0
71	31.1	23.7	35.5

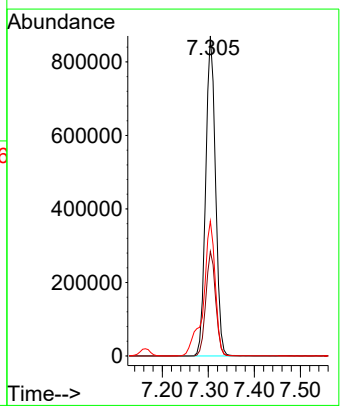


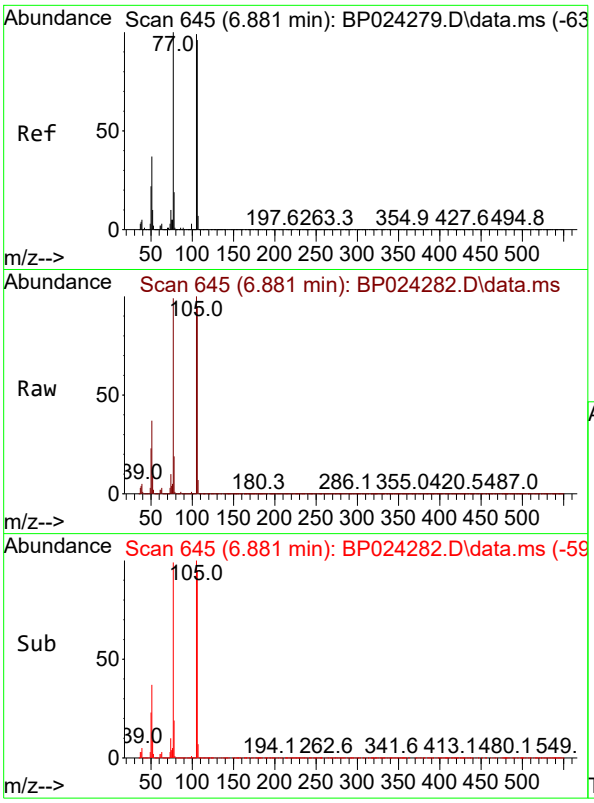


#8
2-Chlorophenol
Concen: 78.433 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:128 Resp: 1299769

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	42.1	22.7	62.7



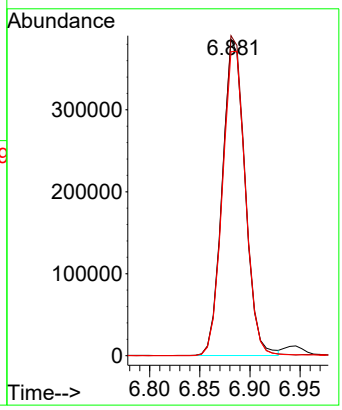


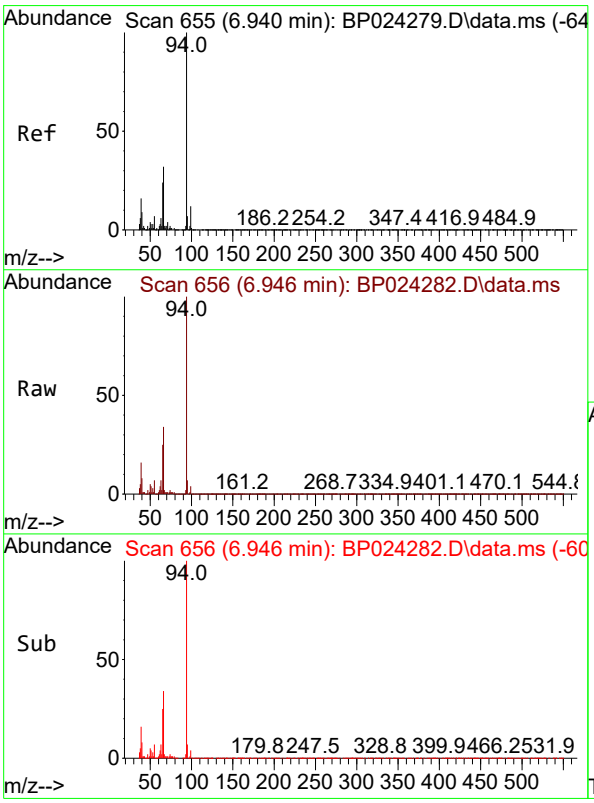
#9
Benzaldehyde
Concen: 57.891 ng
RT: 6.881 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 608272

Ion	Ratio	Lower	Upper
77	100		
105	101.2	79.2	119.2
106	96.2	76.2	116.2

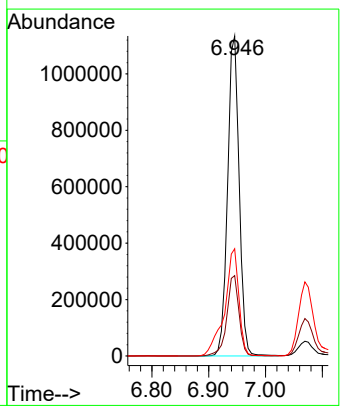


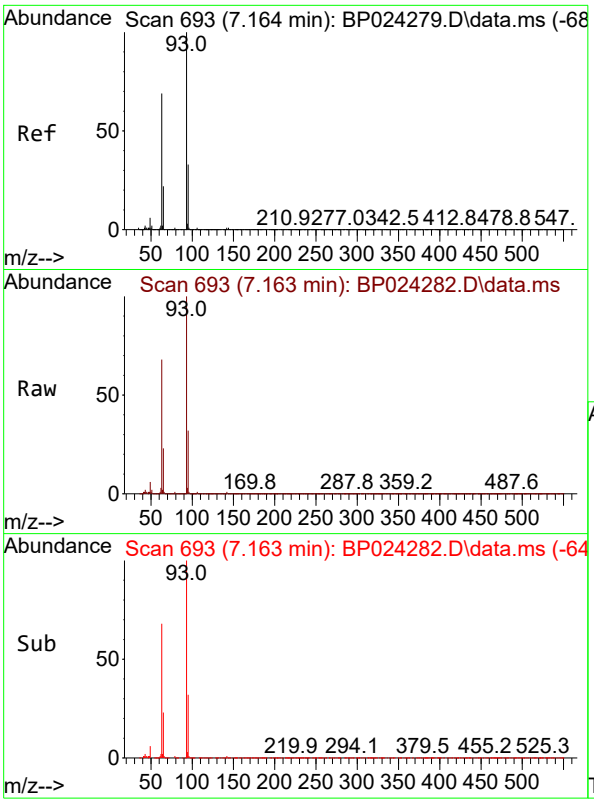


#10
Phenol
Concen: 78.944 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 94 Resp: 1608027

Ion	Ratio	Lower	Upper
94	100		
65	25.1	4.5	44.5
66	33.5	12.4	52.4



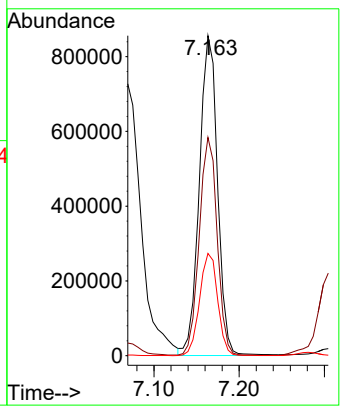


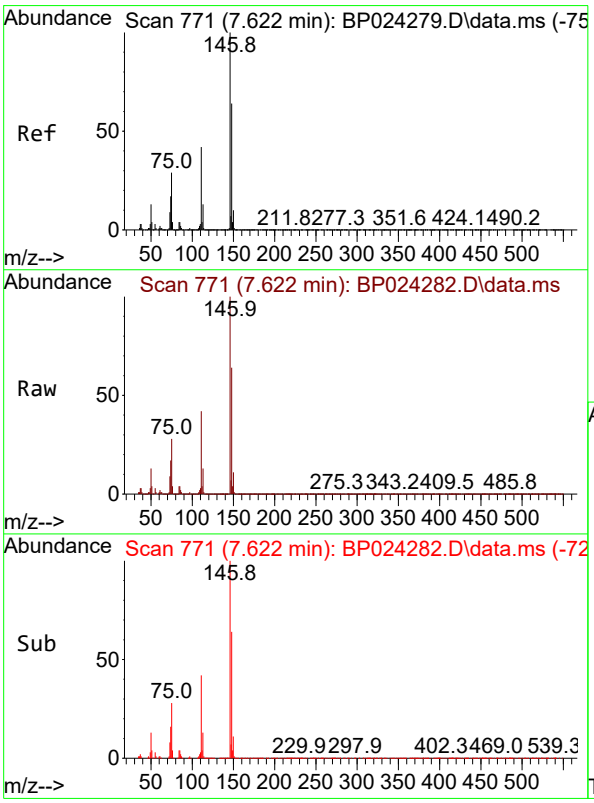
#11
bis(2-Chloroethyl)ether
Concen: 77.297 ng
RT: 7.163 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 1272327

Ion	Ratio	Lower	Upper
93	100		
63	68.2	48.6	88.6
95	31.9	12.3	52.3

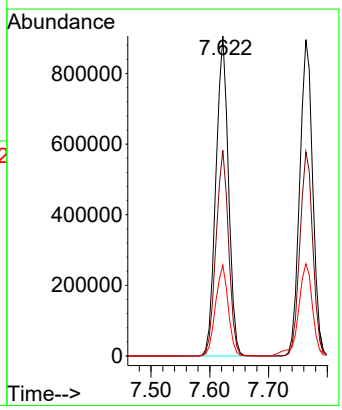


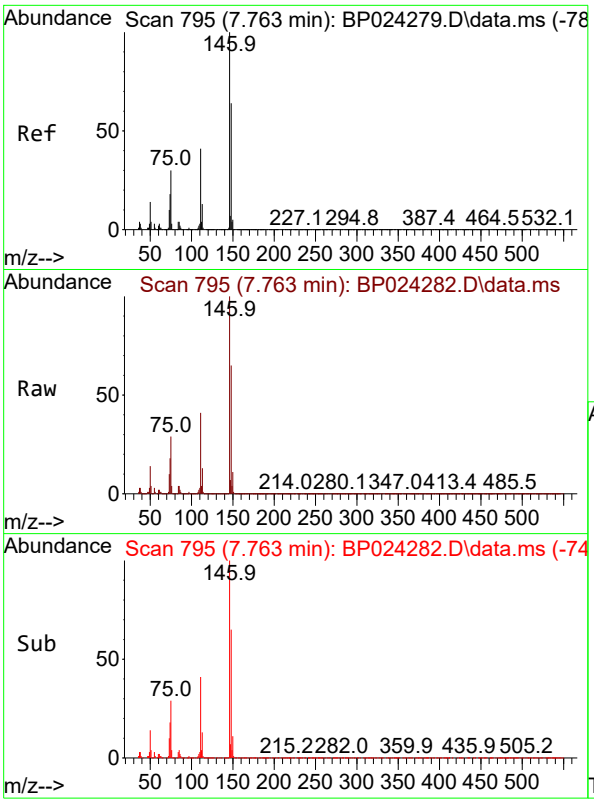


#12
1,3-Dichlorobenzene
Concen: 74.869 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:146 Resp: 1344292

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	28.4	22.9	34.3



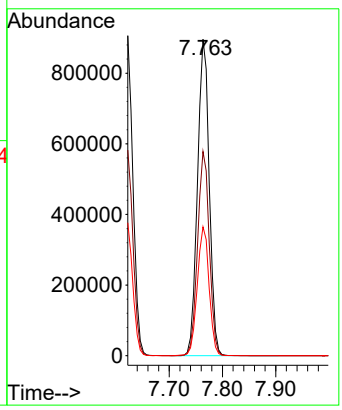


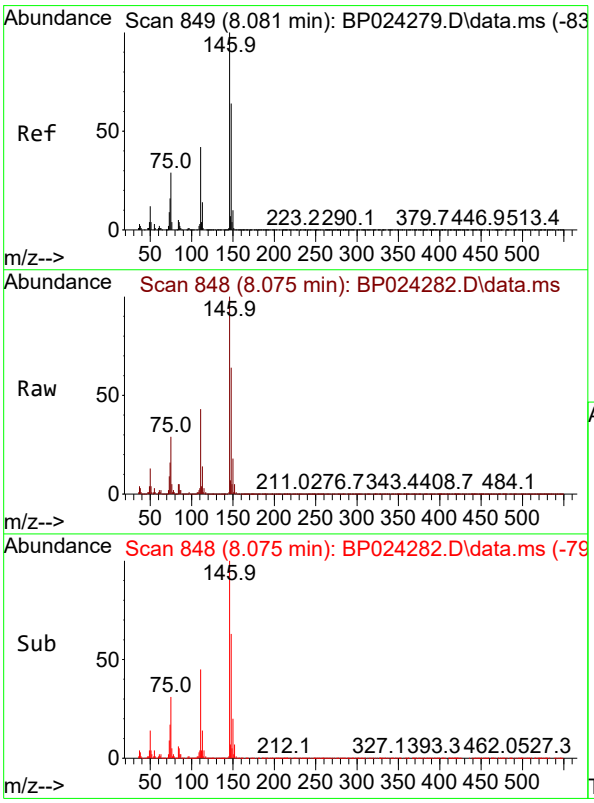
#13
1,4-Dichlorobenzene
Concen: 75.195 ng
RT: 7.763 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 1369087

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	40.7	32.6	48.8

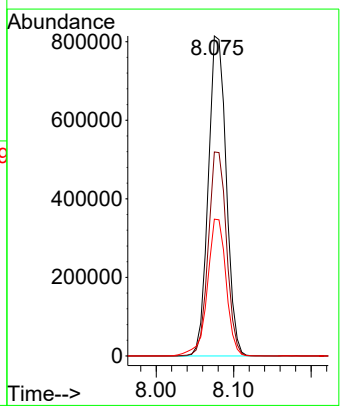


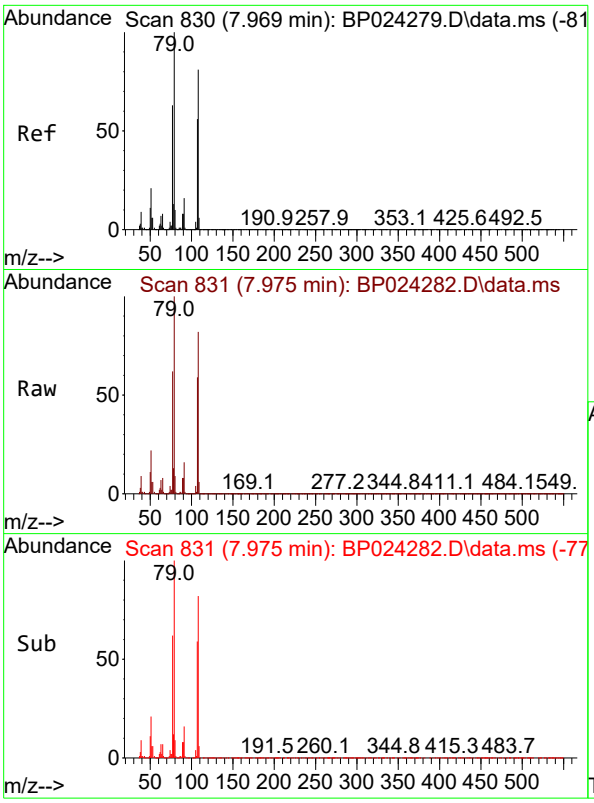


#14
1,2-Dichlorobenzene
Concen: 74.432 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:146 Resp: 1310407

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	42.7	33.8	50.8



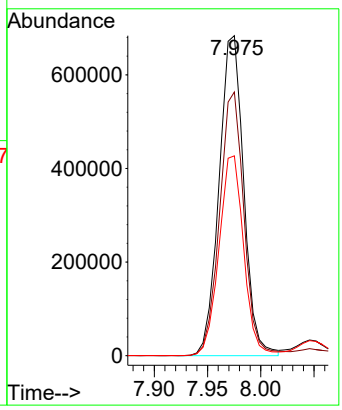


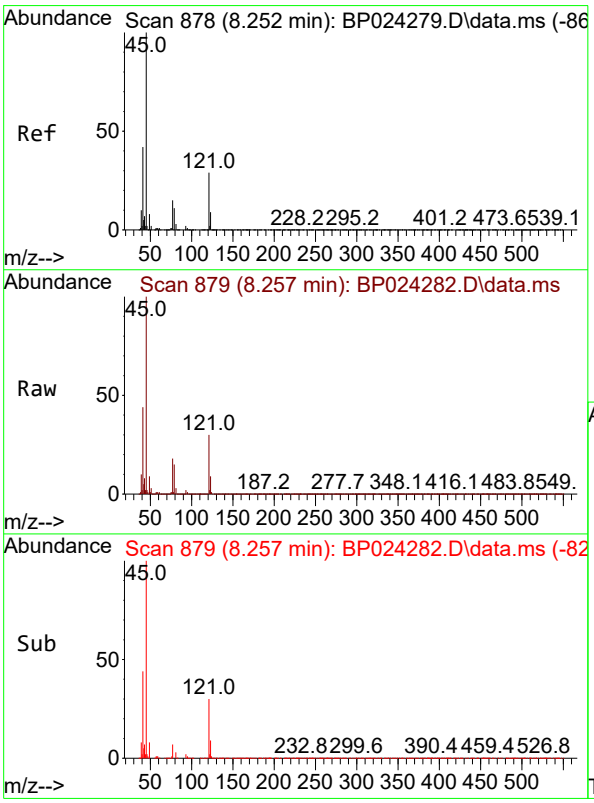
#15
Benzyl Alcohol
Concen: 84.492 ng
RT: 7.975 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1098602

Ion	Ratio	Lower	Upper
79	100		
108	82.4	65.1	97.7
77	62.4	50.7	76.1

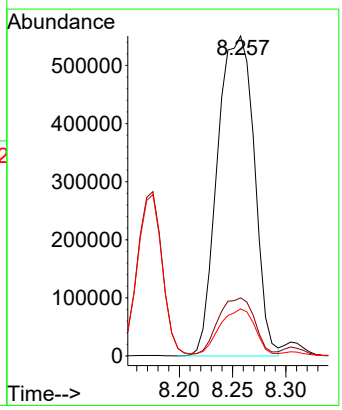


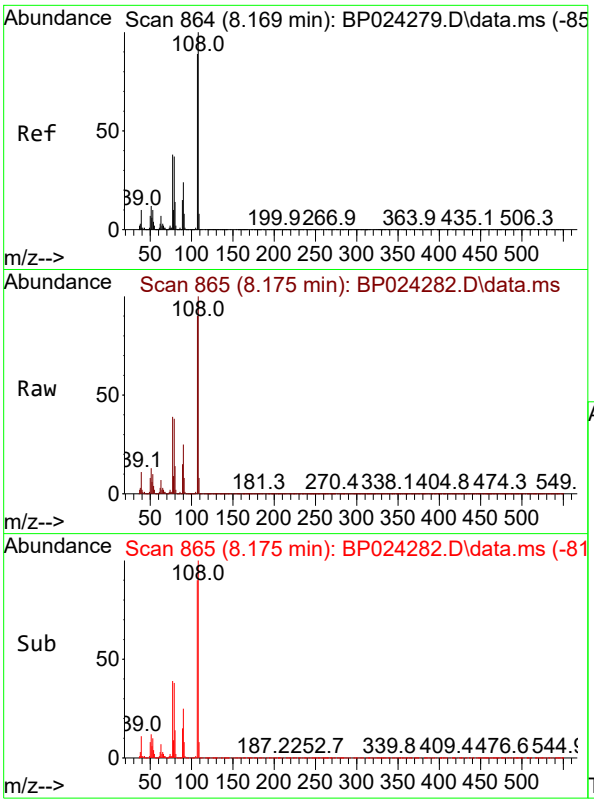


#16
2,2'-oxybis(1-Chloropropane)
Concen: 73.704 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 45 Resp: 1319830

Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	37.7
79	14.7	0.0	33.5



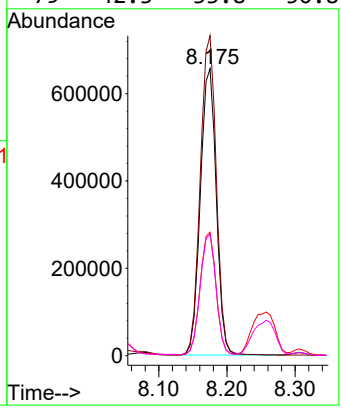


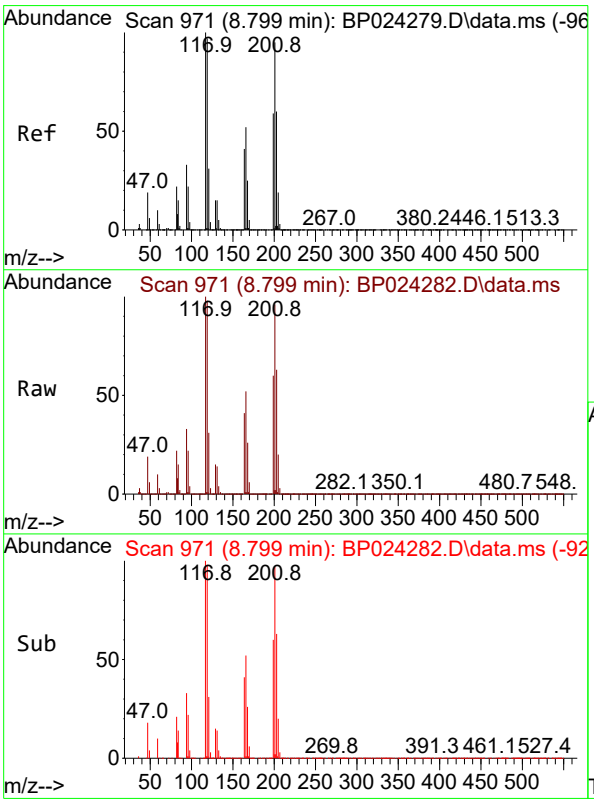
#17
2-Methylphenol
Concen: 81.101 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 1064555

Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.8	134.6
77	43.0	34.2	51.4
79	42.3	33.8	50.8

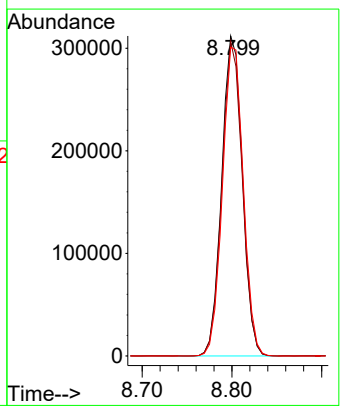


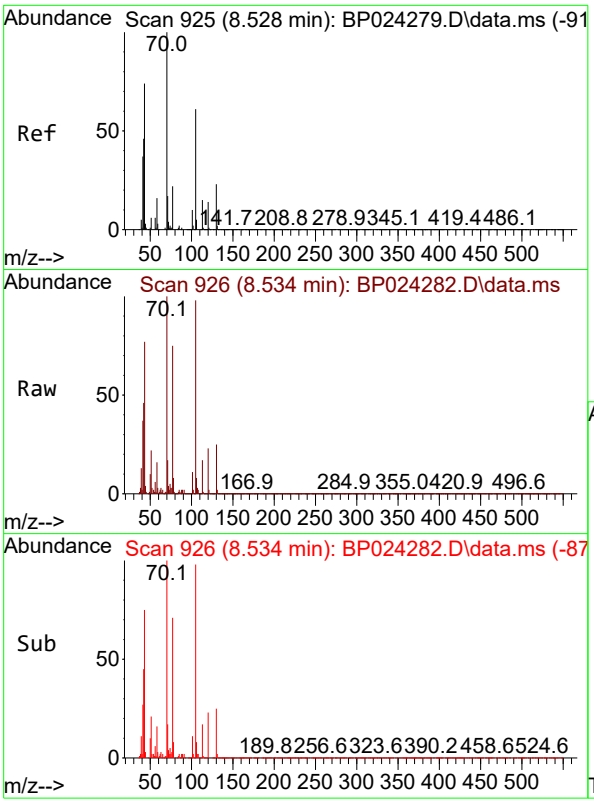


#18
Hexachloroethane
Concen: 75.920 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:117 Resp: 498897

Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.8	116.6
201	96.5	75.9	113.9



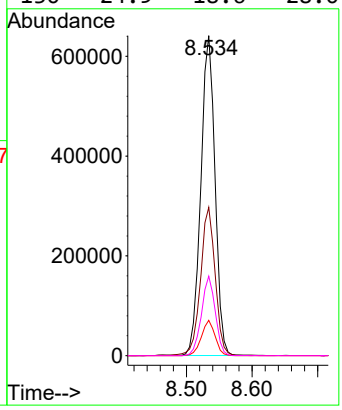


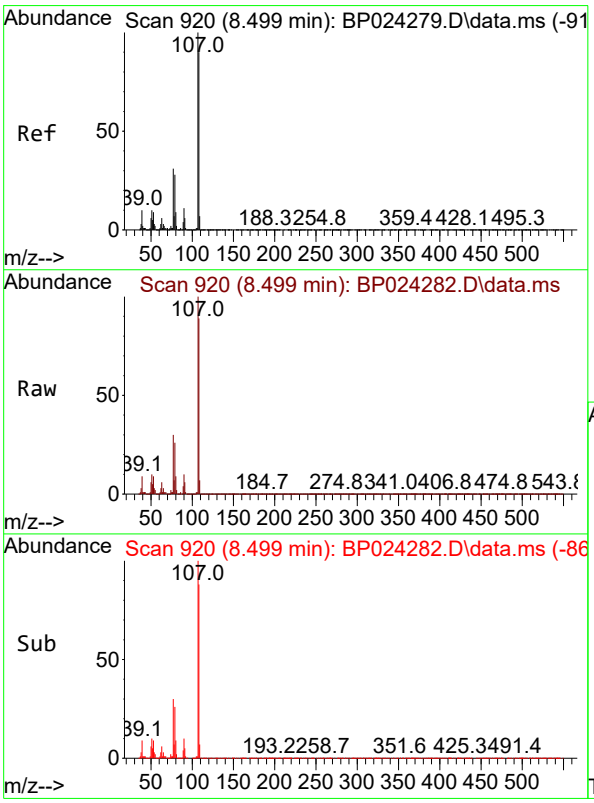
#19
n-Nitroso-di-n-propylamine
Concen: 76.844 ng
RT: 8.534 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 968278

Ion	Ratio	Lower	Upper
70	100		
42	46.3	37.3	55.9
101	11.0	8.2	12.4
130	24.9	18.6	28.0

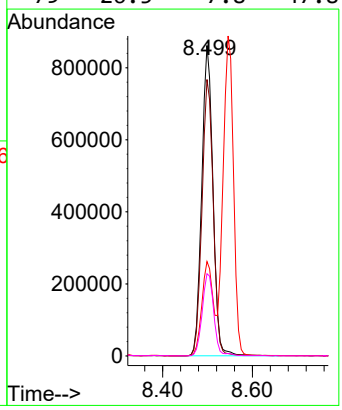


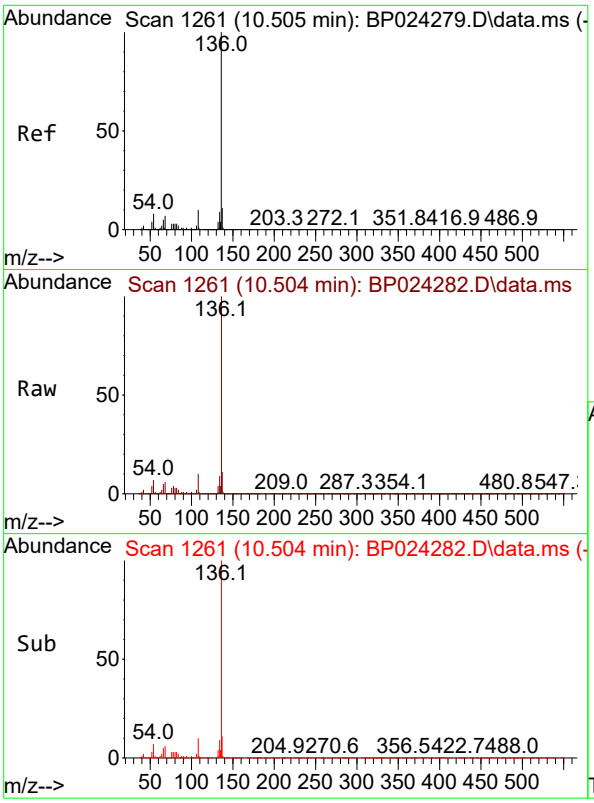


#20
3+4-Methylphenols
Concen: 82.092 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:107 Resp: 1492527

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.8	109.8
77	30.4	11.5	51.5
79	26.5	7.8	47.8



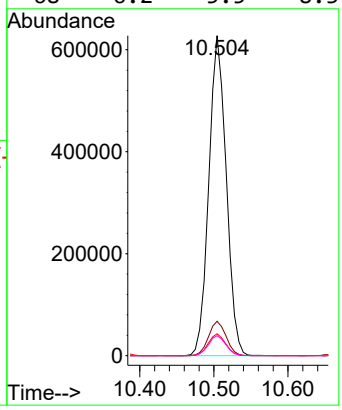


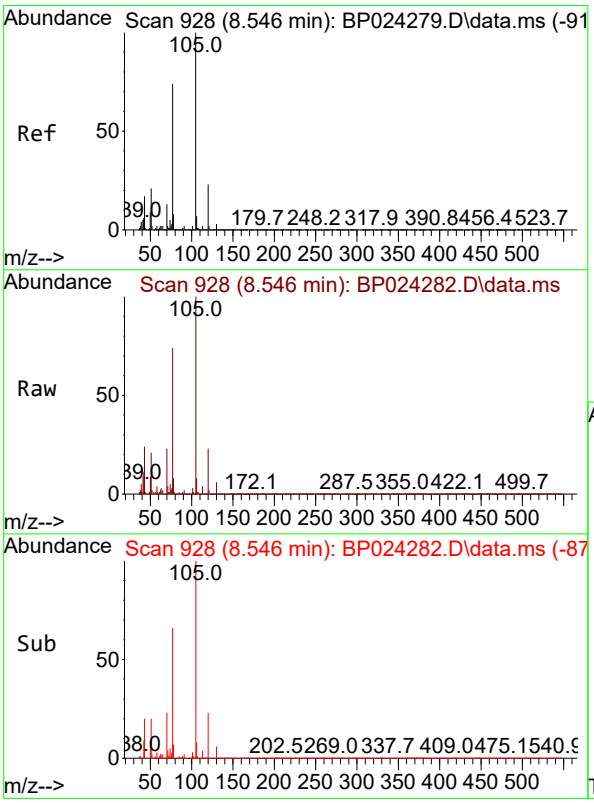
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 1024316

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.9	6.0	9.0
68	6.2	5.5	8.3

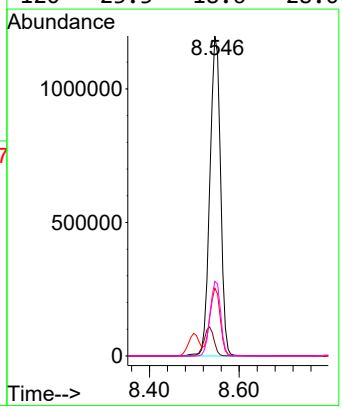


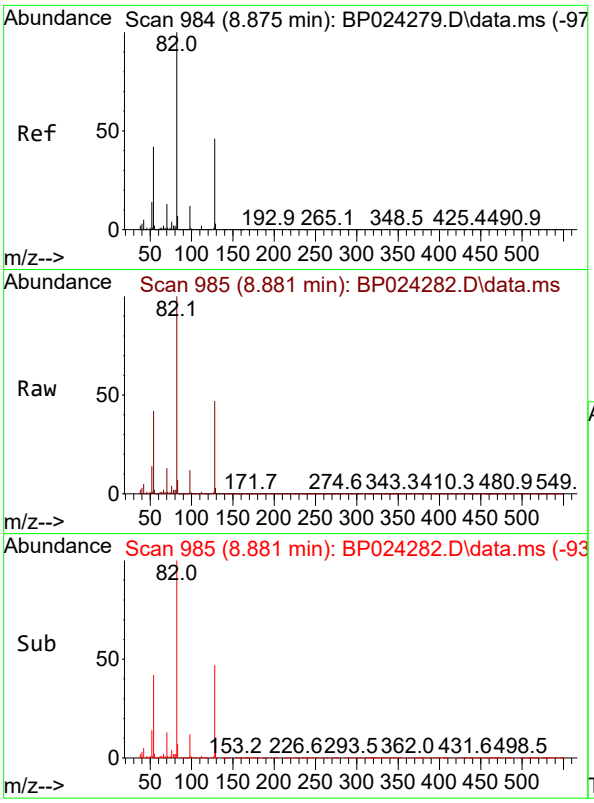


#22
Acetophenone
Concen: 77.680 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:105 Resp: 1977578

Ion	Ratio	Lower	Upper
105	100		
71	4.0	1.7	2.5#
51	21.2	16.9	25.3
120	23.3	18.6	28.0



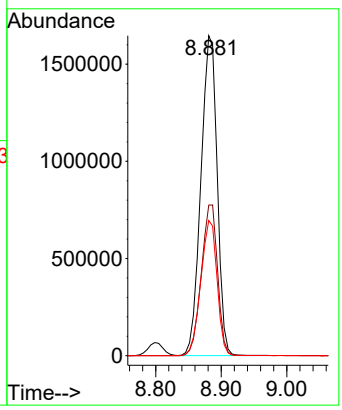


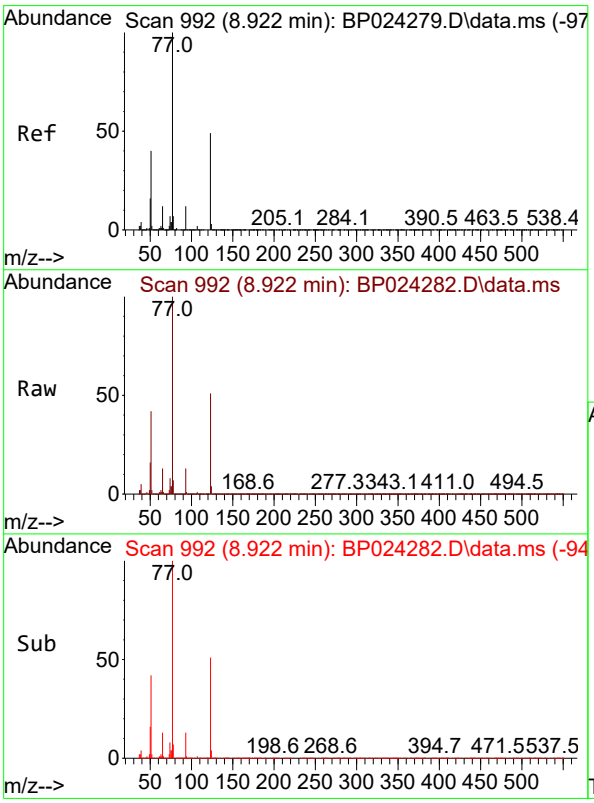
#23
Nitrobenzene-d5
Concen: 158.236 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2847003

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.5	54.7
54	42.3	33.4	50.2

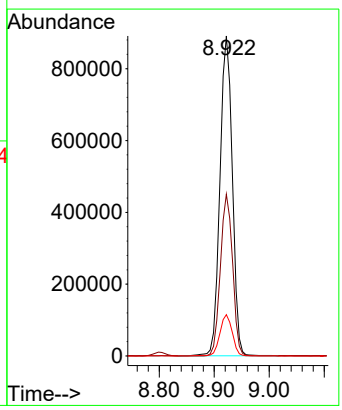


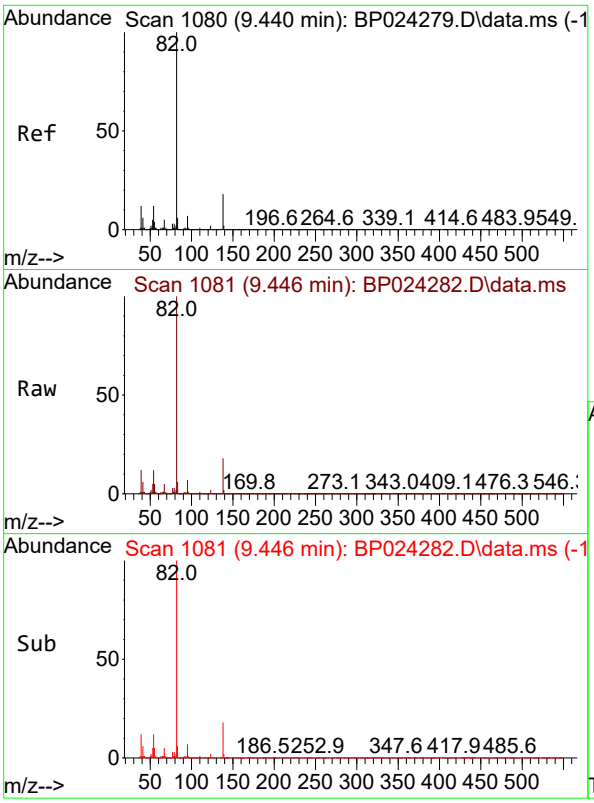


#24
Nitrobenzene
Concen: 78.066 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 77 Resp: 1392093

Ion	Ratio	Lower	Upper
77	100		
123	50.5	39.2	58.8
65	12.9	9.8	14.6



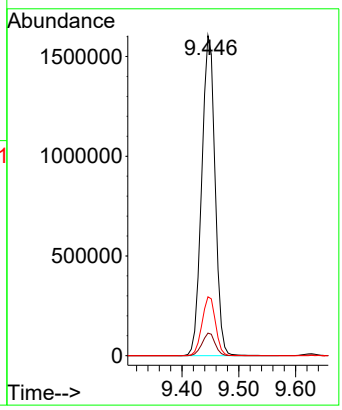


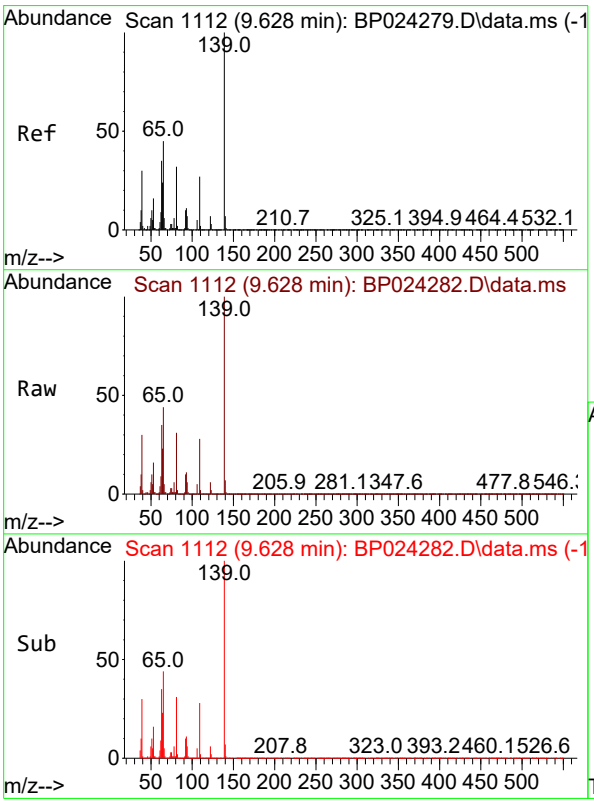
#25
Isophorone
Concen: 80.596 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2617853

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	18.4	14.4	21.6

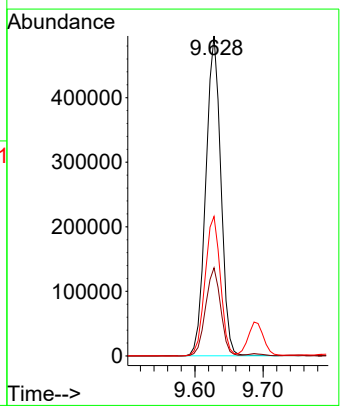


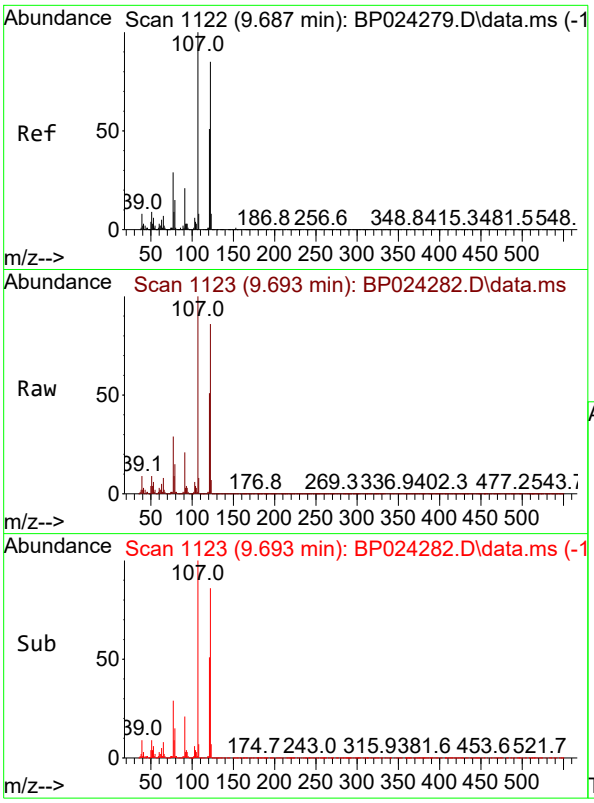


#26
2-Nitrophenol
Concen: 88.768 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:139 Resp: 760077

Ion	Ratio	Lower	Upper
139	100		
109	27.5	21.8	32.6
65	43.6	36.2	54.2



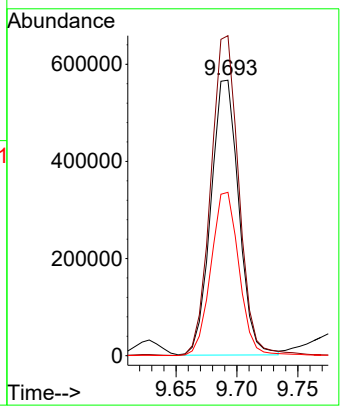


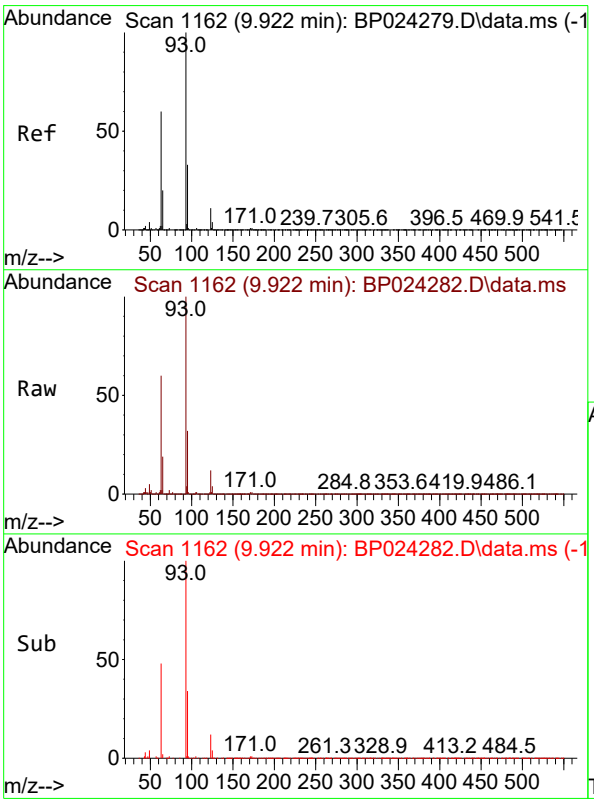
#27
2,4-Dimethylphenol
Concen: 83.475 ng
RT: 9.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 905891

Ion	Ratio	Lower	Upper
122	100		
107	116.1	93.7	140.5
121	59.3	48.2	72.2

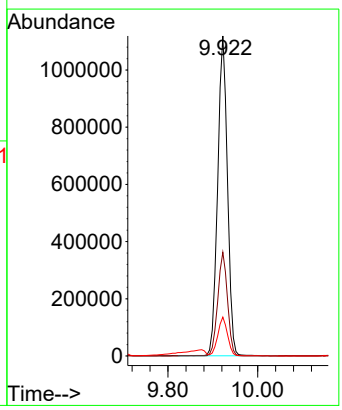


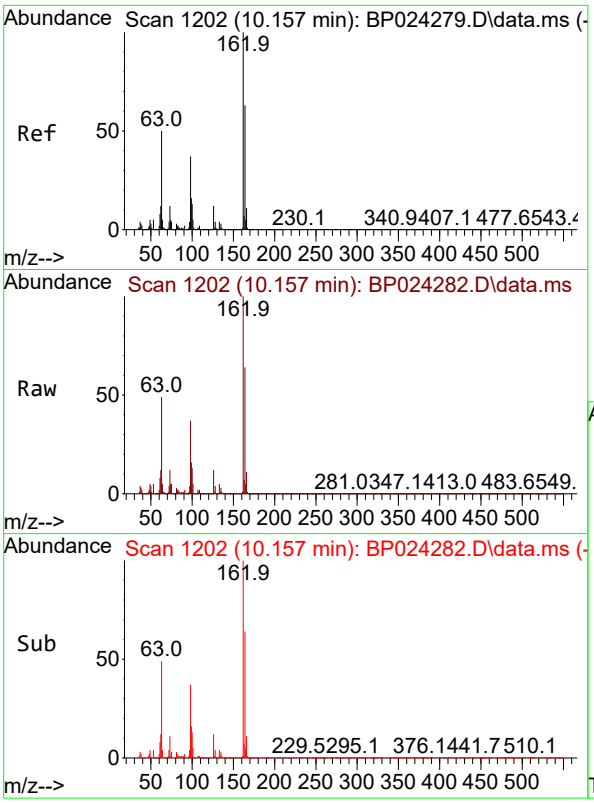


#28
bis(2-Chloroethoxy)methane
Concen: 76.434 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 93 Resp: 1689686

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.0	39.0
123	12.2	9.1	13.7



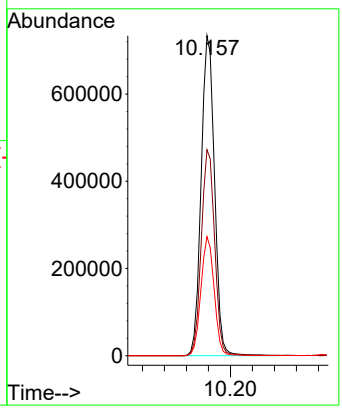


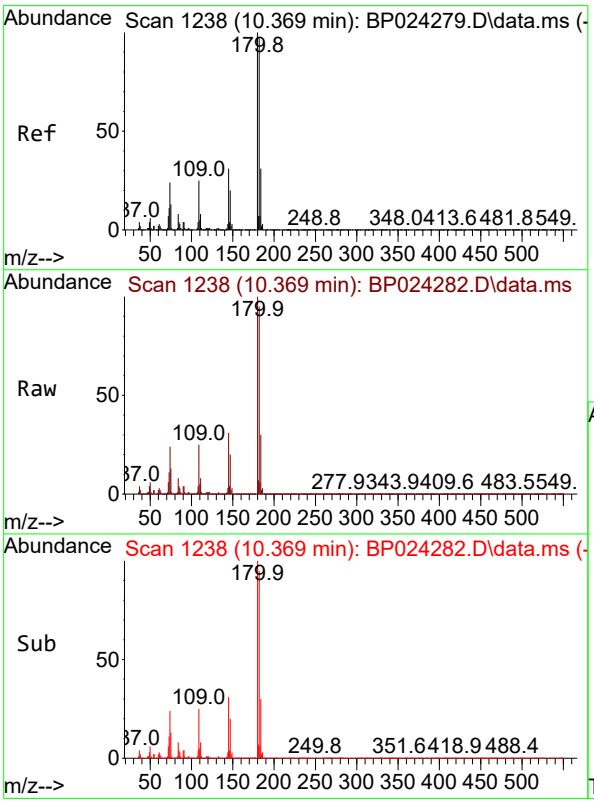
#29
2,4-Dichlorophenol
Concen: 83.719 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1238253

Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.3	83.3
98	37.2	16.6	56.6

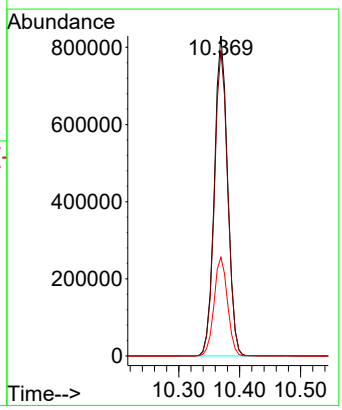


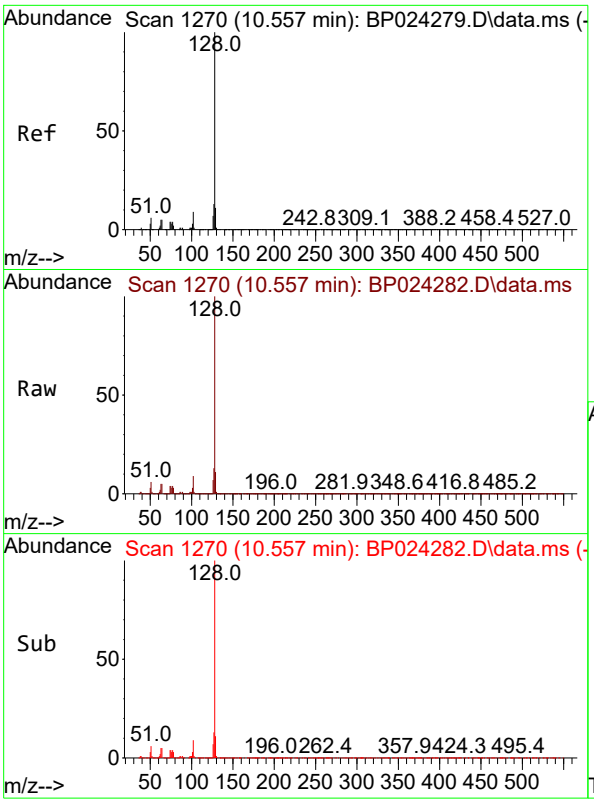


#30
1,2,4-Trichlorobenzene
Concen: 78.272 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:180 Resp: 1252476

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.3	115.9
145	30.9	25.1	37.7



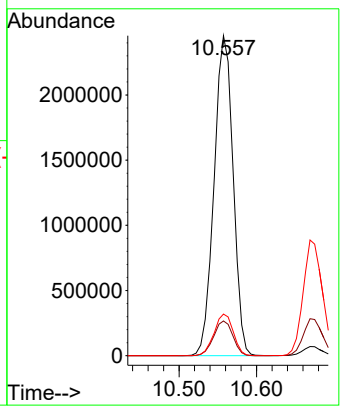


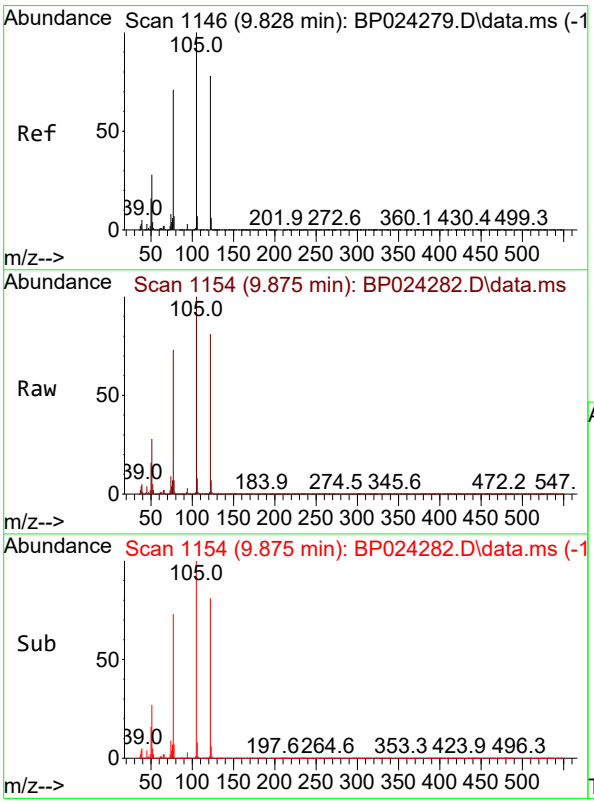
#31
Naphthalene
Concen: 77.287 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 4190486

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.0	10.3	15.5

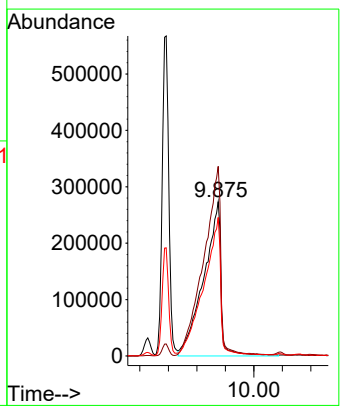


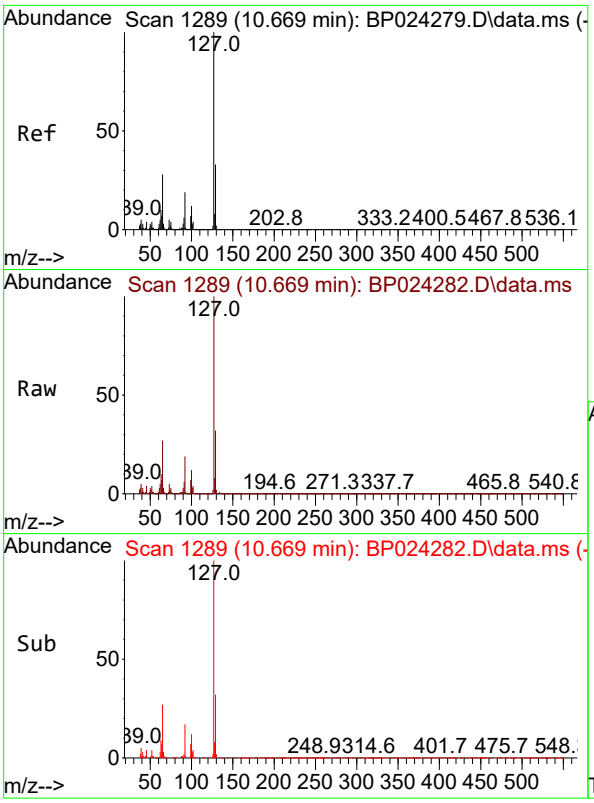


#32
Benzoic acid
Concen: 98.425 ng m
RT: 9.875 min Scan# 1154
Delta R.T. 0.047 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:122 Resp: 1154243

Ion	Ratio	Lower	Upper
122	100		
105	122.9	104.8	144.8
77	89.8	69.2	109.2



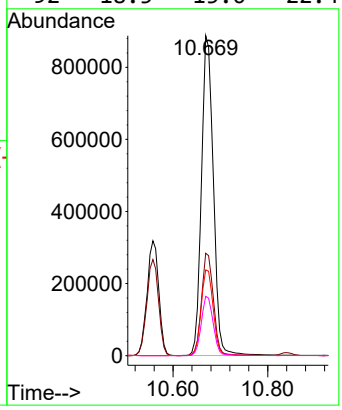


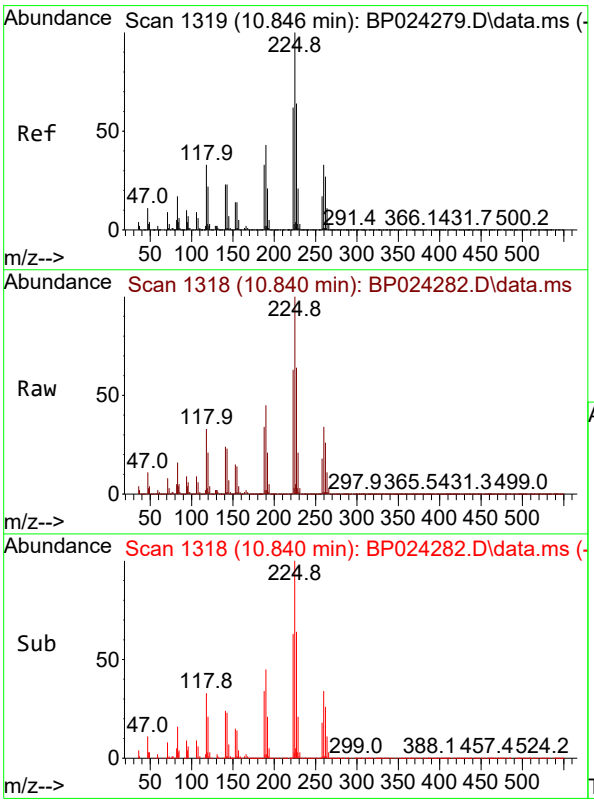
#33
4-Chloroaniline
Concen: 81.682 ng
RT: 10.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1547427

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	26.8	22.1	33.1
92	18.5	15.0	22.4

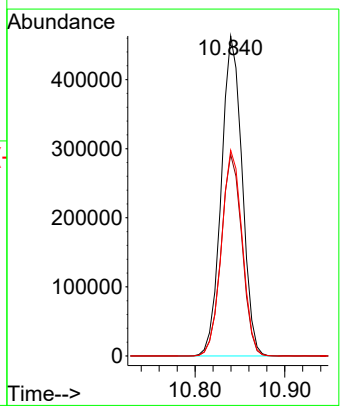


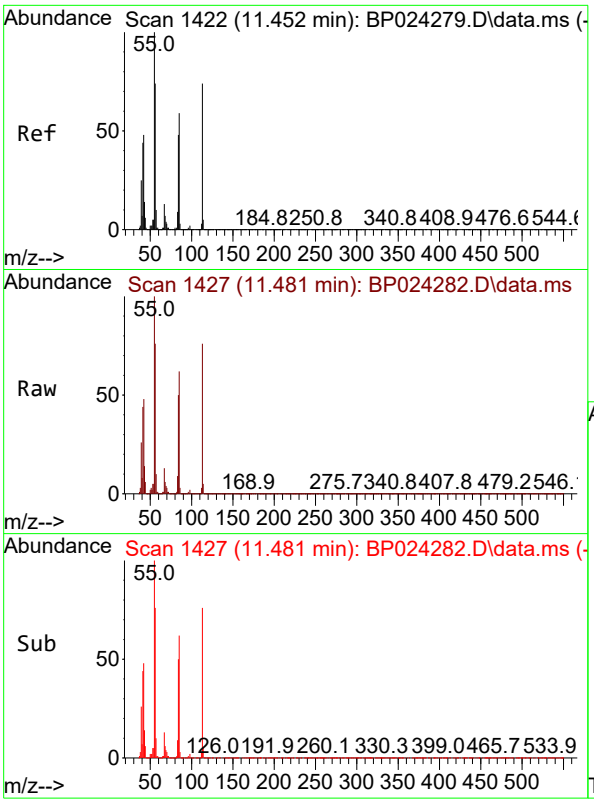


#34
Hexachlorobutadiene
Concen: 79.240 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:225 Resp: 743811

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.5	74.3
227	64.3	50.9	76.3



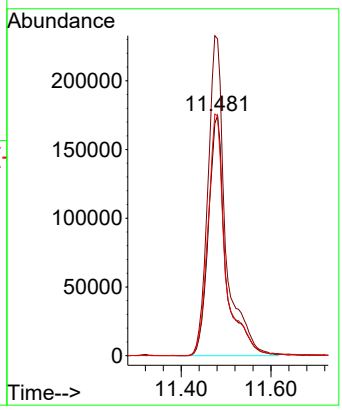


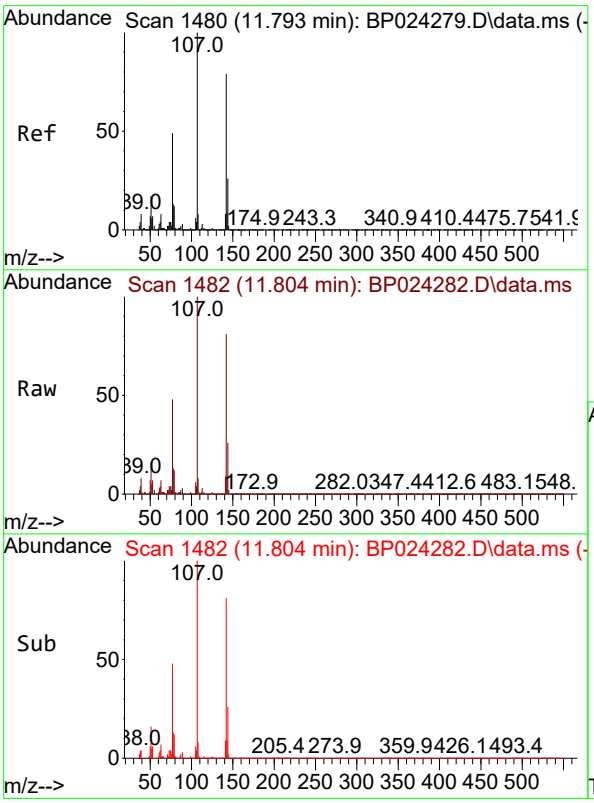
#35
Caprolactam
Concen: 86.534 ng
RT: 11.481 min Scan# 14
Delta R.T. 0.029 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 469910

Ion	Ratio	Lower	Upper
113	100		
55	131.9	115.9	155.9
56	99.8	81.1	121.1

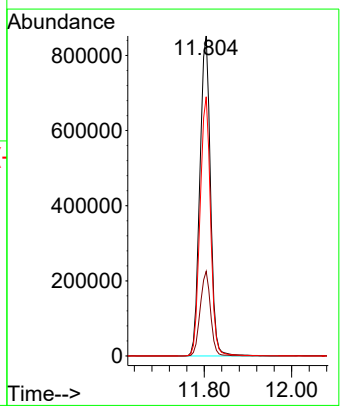


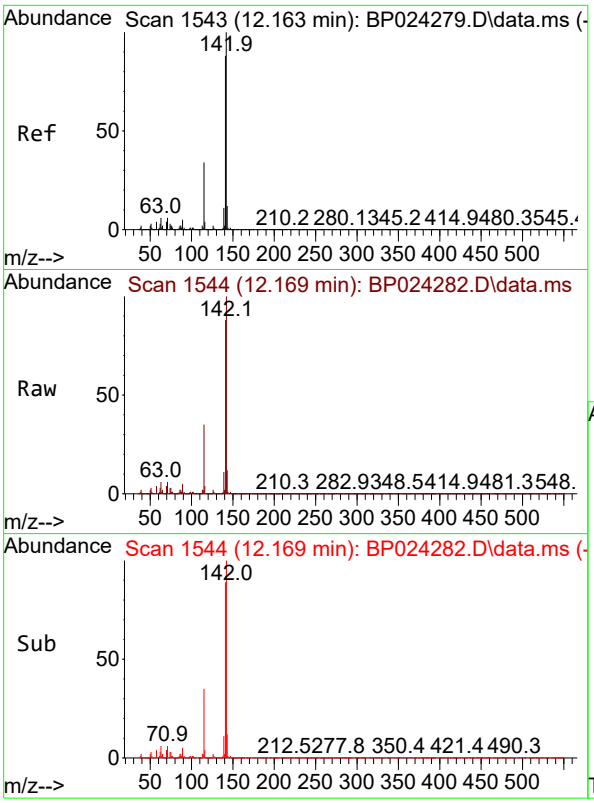


#36
4-Chloro-3-methylphenol
Concen: 83.468 ng
RT: 11.804 min Scan# 1482
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:107 Resp: 1438601

Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	81.0	63.4	95.2



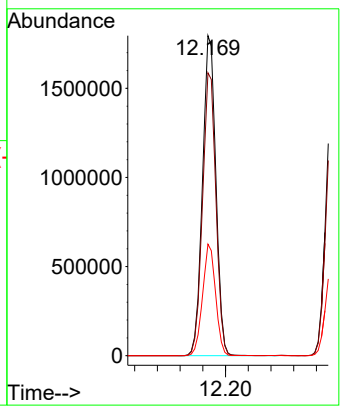


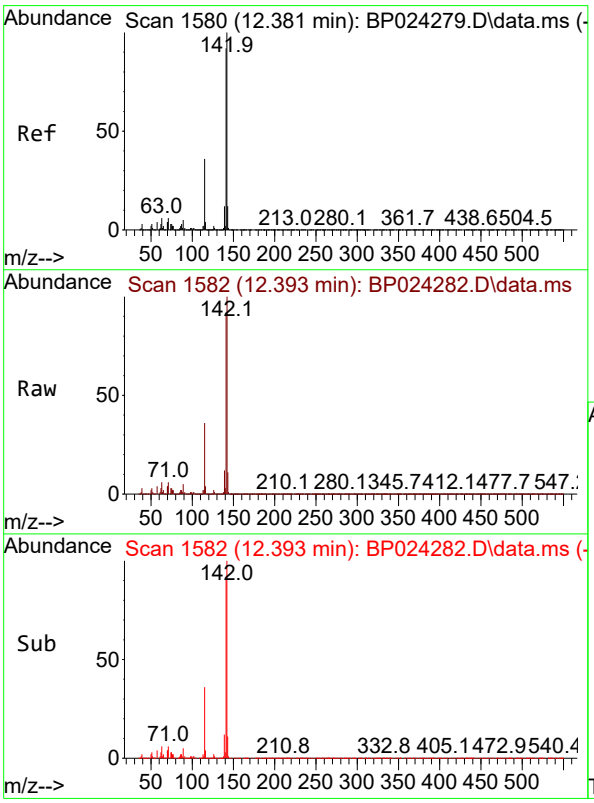
#37
2-Methylnaphthalene
Concen: 77.673 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 2918685

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	34.9	26.9	40.3

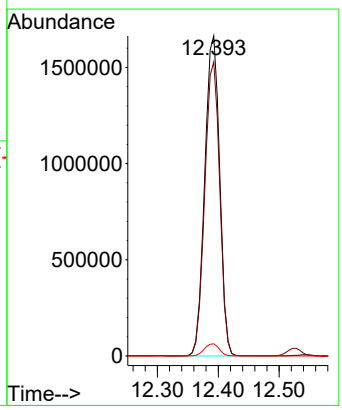


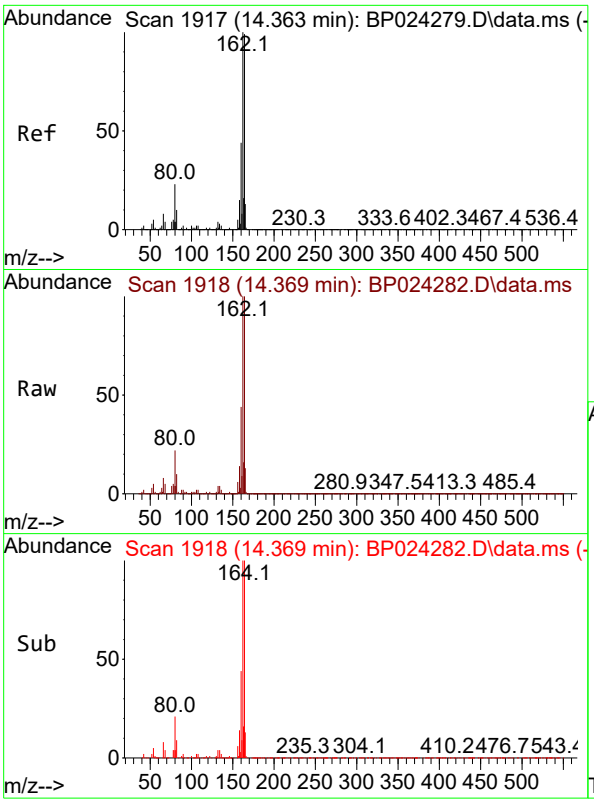


#38
1-Methylnaphthalene
Concen: 76.912 ng
RT: 12.393 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:142 Resp: 2831173

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.6	110.4
116	3.8	3.0	4.6



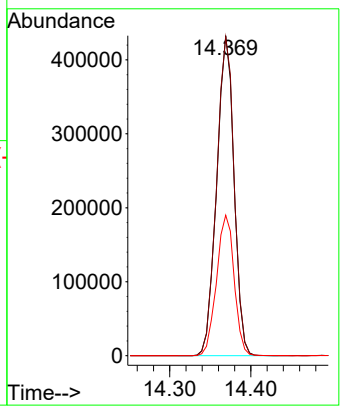


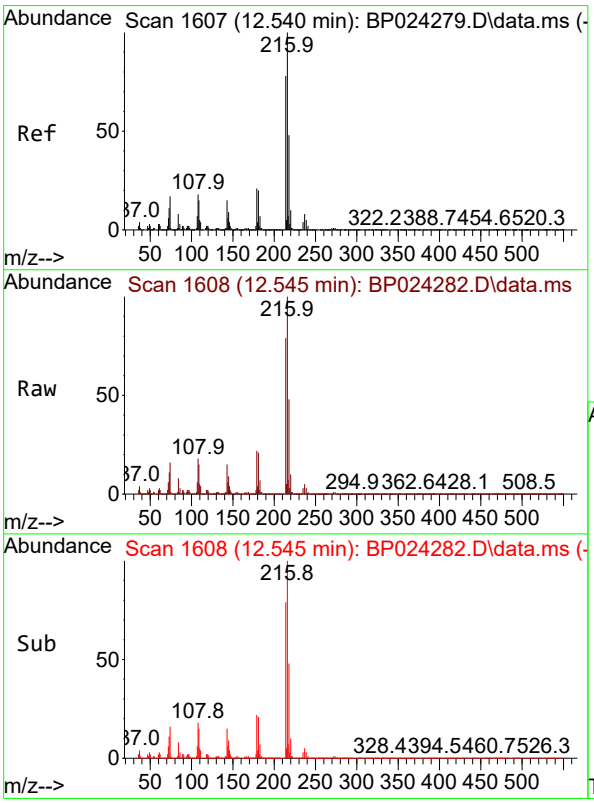
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 641442

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	43.9	35.3	52.9

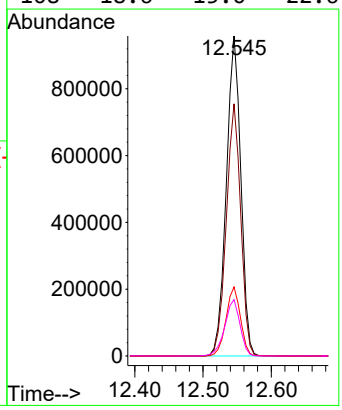


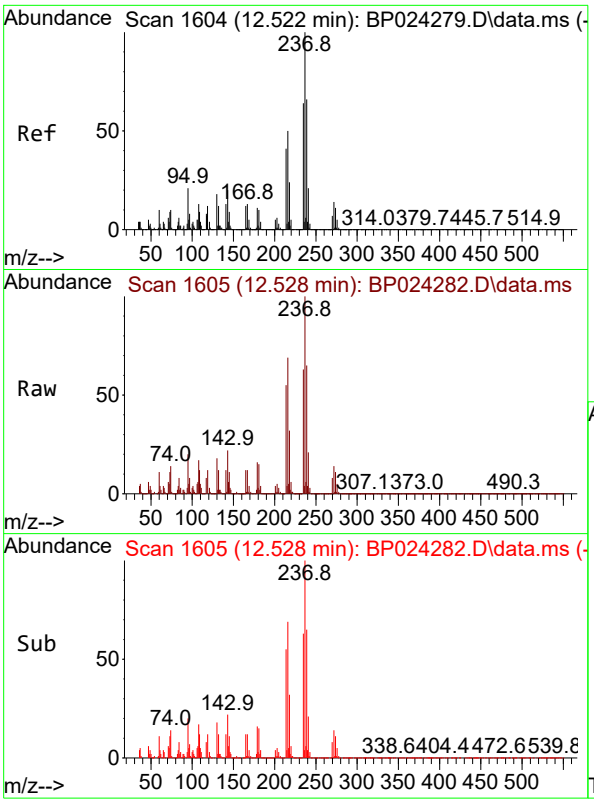


#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.378 ng
RT: 12.545 min Scan# 1608
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:216 Resp: 1416894

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	93.8
179	21.5	17.2	25.8
108	18.6	15.0	22.6



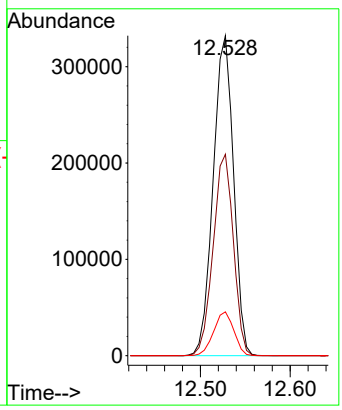


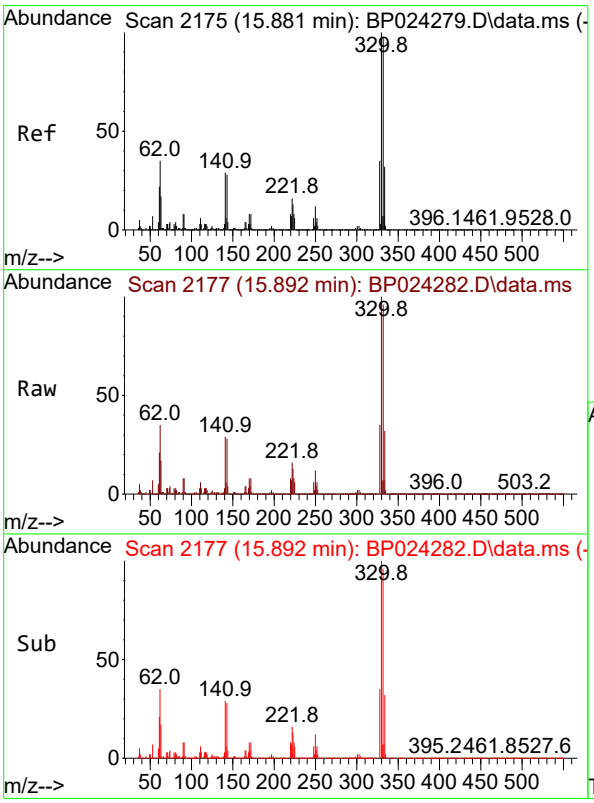
#41
Hexachlorocyclopentadiene
Concen: 84.532 ng
RT: 12.528 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 523136

Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.9	83.9
272	13.7	0.0	33.6

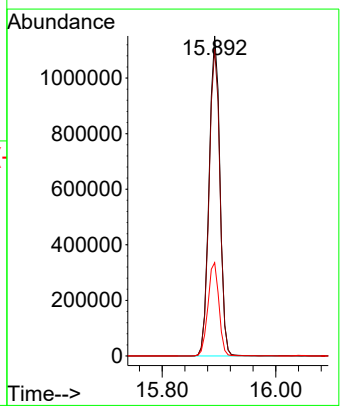


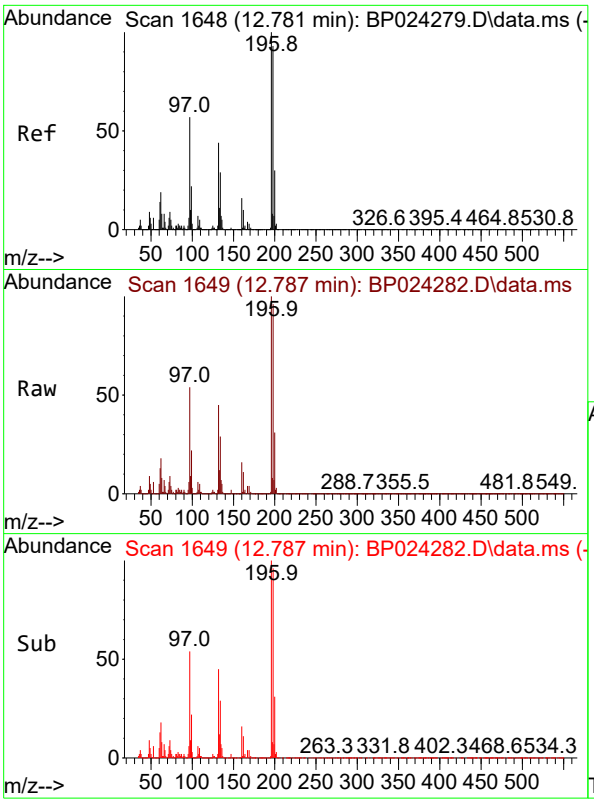


#42
2,4,6-Tribromophenol
Concen: 171.633 ng
RT: 15.892 min Scan# 2177
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:330 Resp: 1507534

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	29.7	24.7	37.1



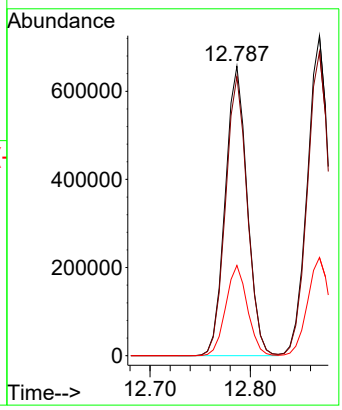


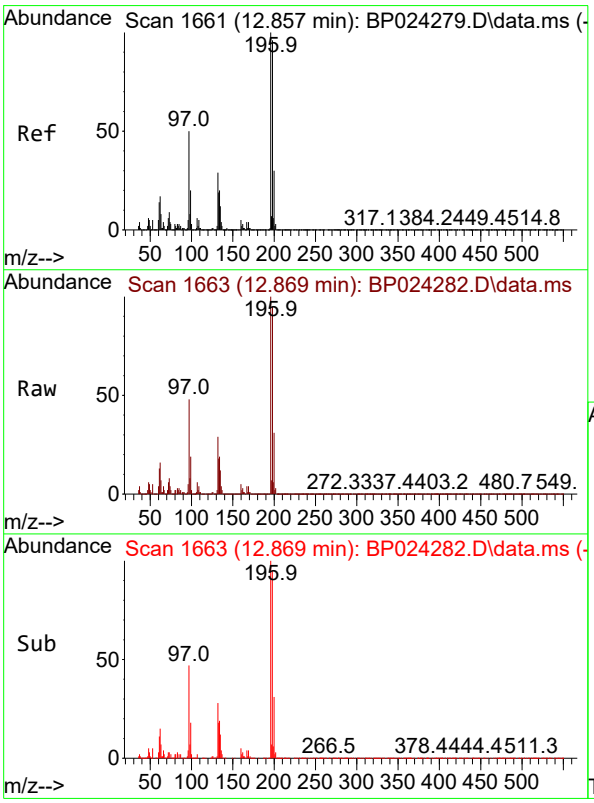
#43
2,4,6-Trichlorophenol
Concen: 86.244 ng
RT: 12.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1000309

Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.3	111.5
200	31.2	24.0	36.0

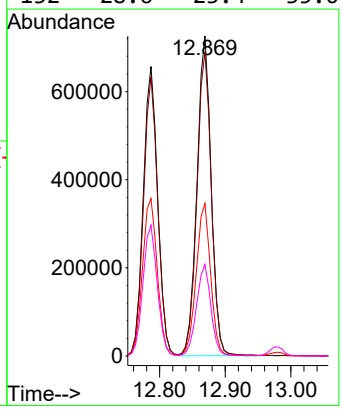


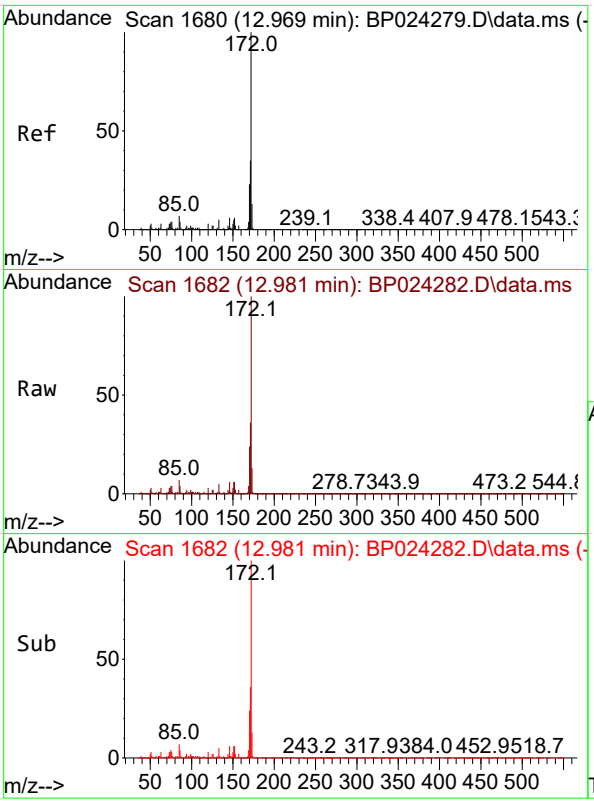


#44
2,4,5-Trichlorophenol
Concen: 85.819 ng
RT: 12.869 min Scan# 1663
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:196 Resp: 1103073

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.3	115.9
97	47.7	40.4	60.6
132	28.6	23.4	35.0



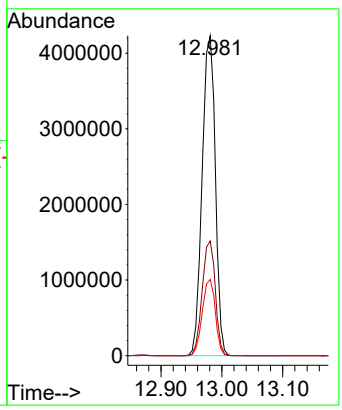


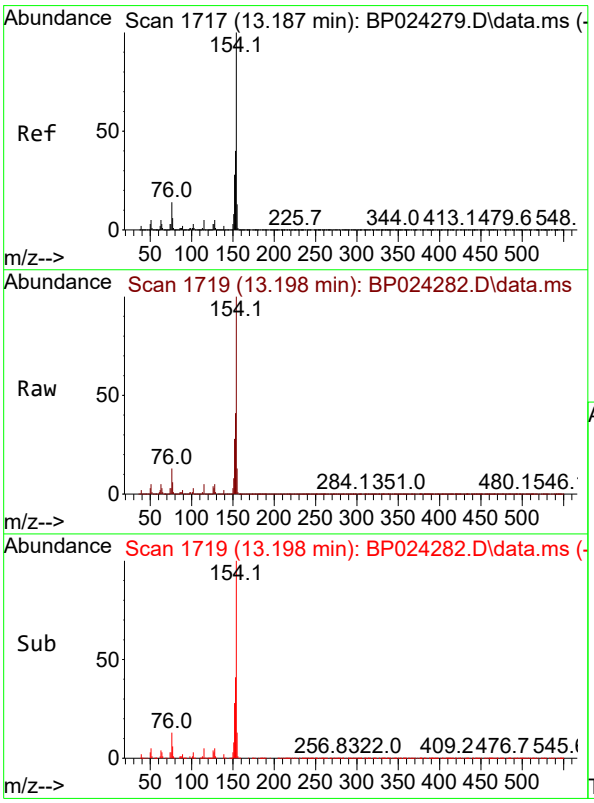
#45
2-Fluorobiphenyl
Concen: 150.596 ng
RT: 12.981 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 6362479

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.8	18.6	27.8

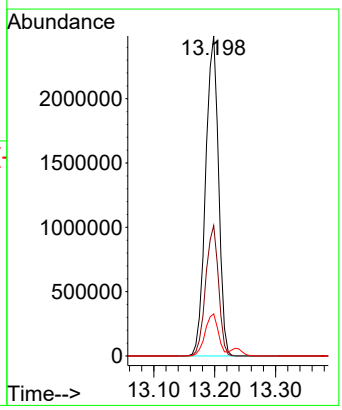


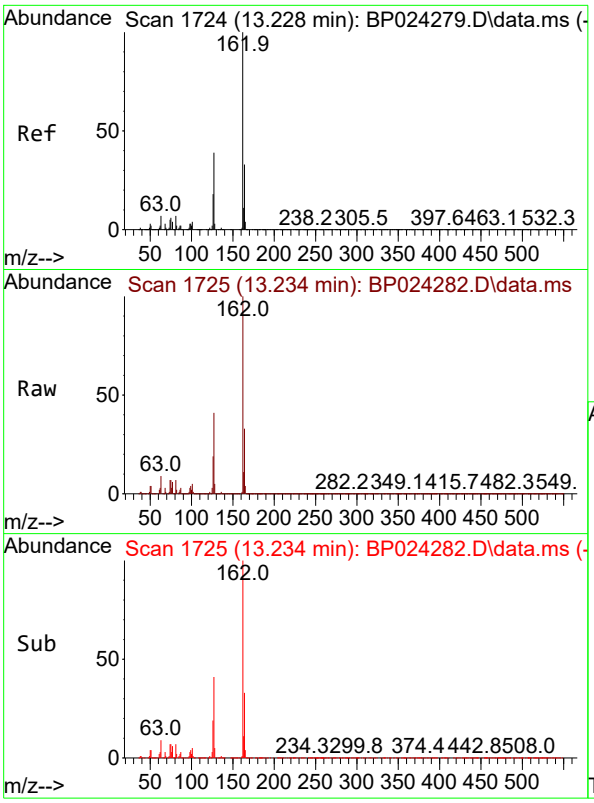


#46
1,1'-Biphenyl
Concen: 77.381 ng
RT: 13.198 min Scan# 1719
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:154 Resp: 3665607

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	13.2	0.0	33.5



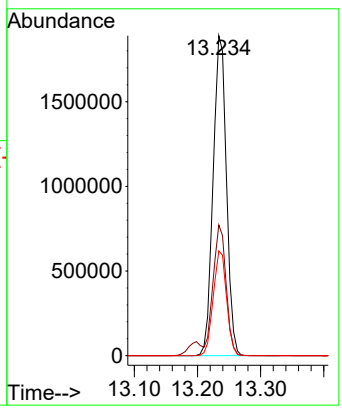


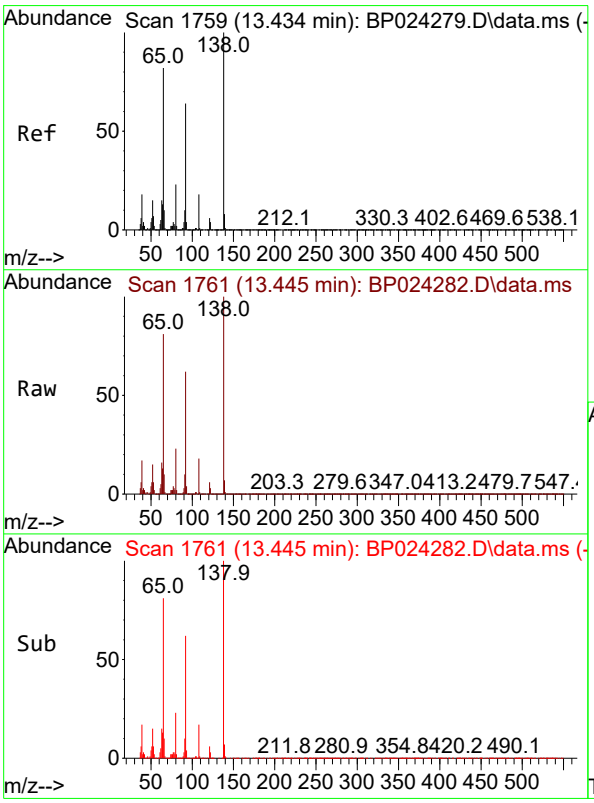
#47
2-Chloronaphthalene
Concen: 78.257 ng
RT: 13.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 2766302

Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.9	47.9
164	32.8	26.2	39.4

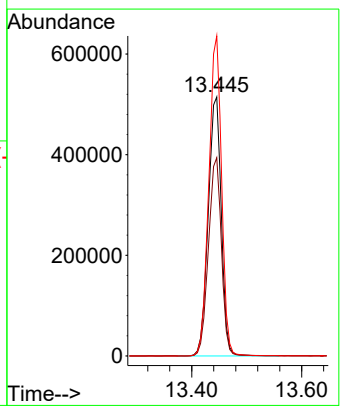


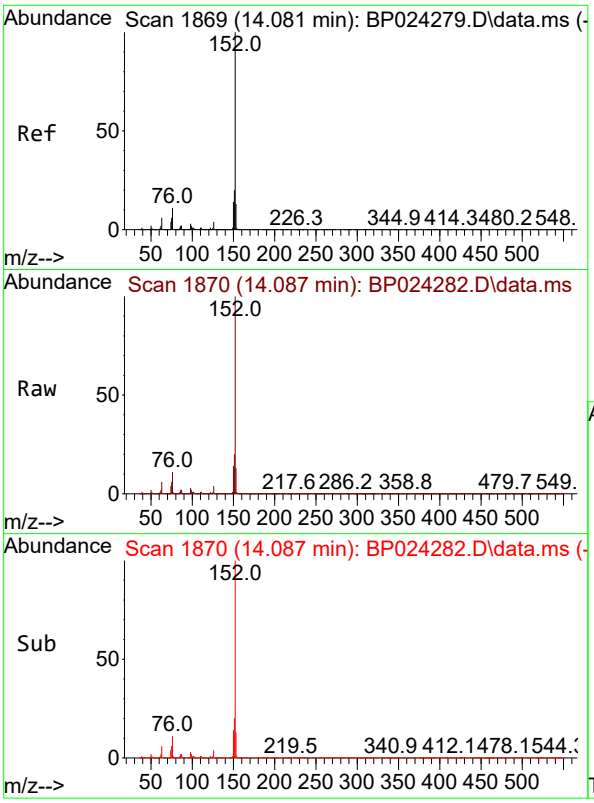


#48
2-Nitroaniline
Concen: 86.912 ng
RT: 13.445 min Scan# 1761
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 65 Resp: 848619

Ion	Ratio	Lower	Upper
65	100		
92	76.5	62.3	93.5
138	123.5	97.2	145.8



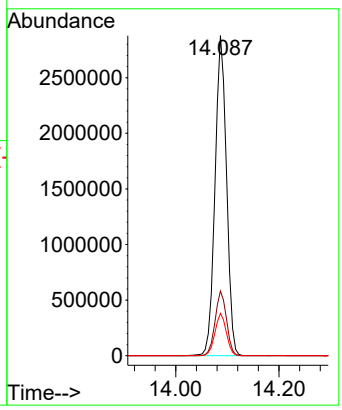


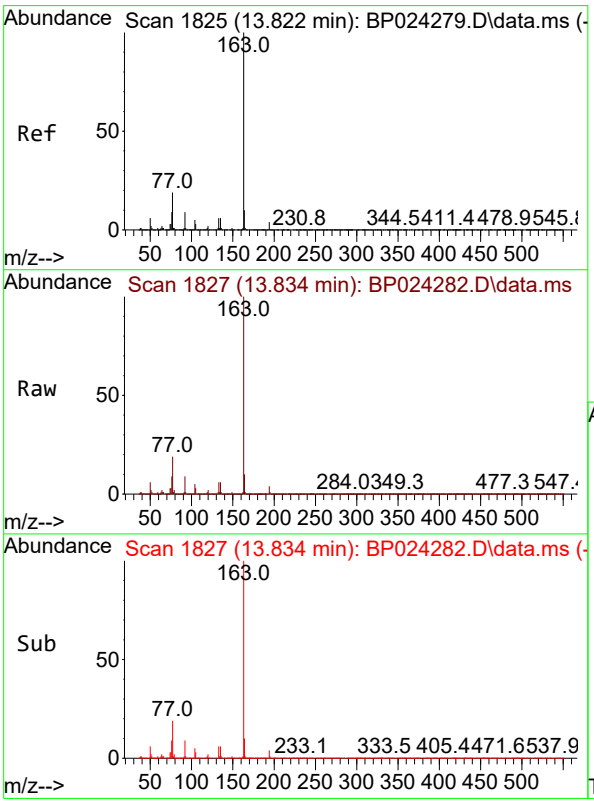
#49
Acenaphthylene
Concen: 80.004 ng
RT: 14.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 4438648

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.2	10.6	15.8

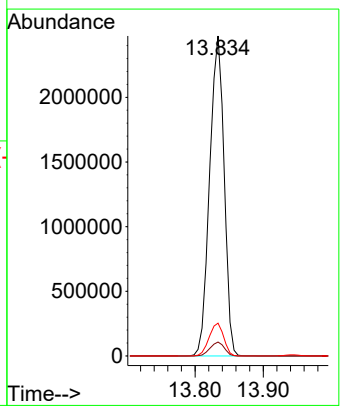


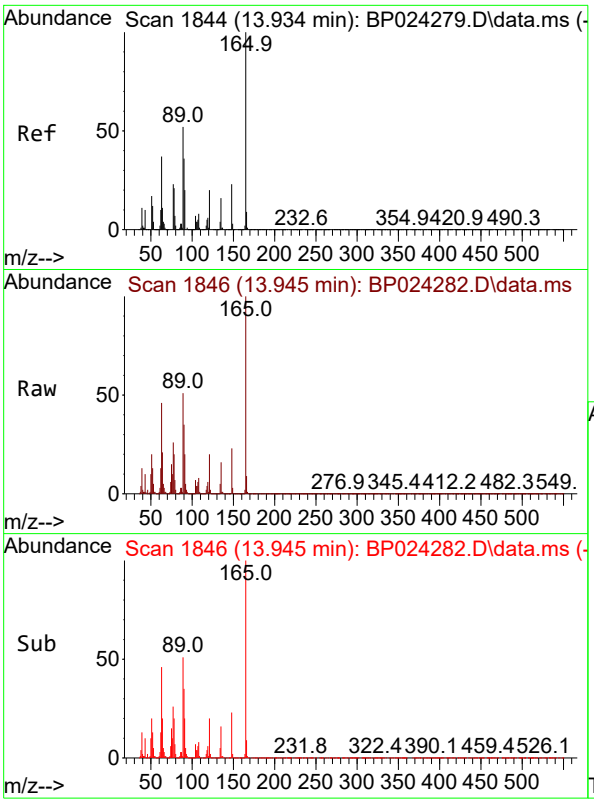


#50
Dimethylphthalate
Concen: 78.201 ng
RT: 13.834 min Scan# 1827
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:163 Resp: 3659579

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.3	8.0	12.0



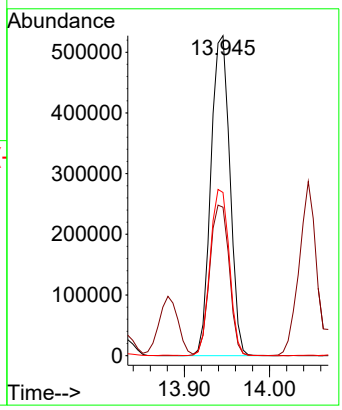


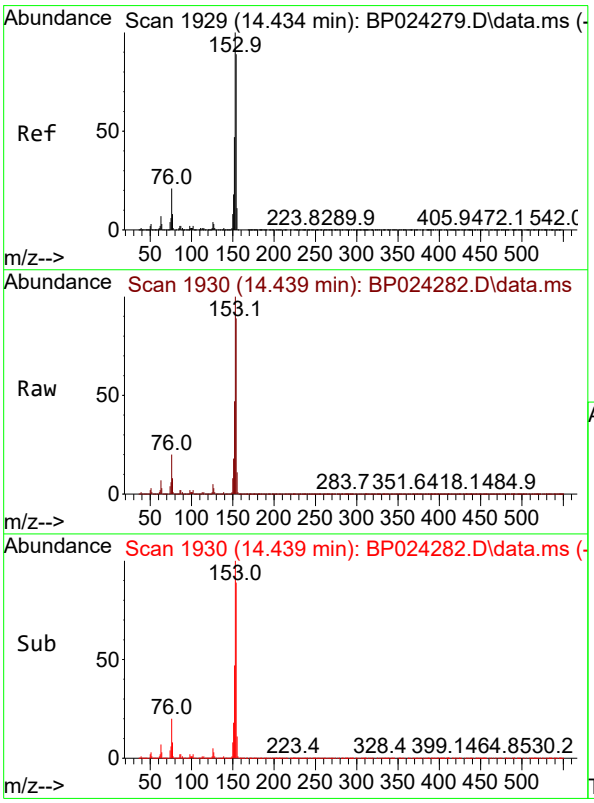
#51
2,6-Dinitrotoluene
Concen: 82.589 ng
RT: 13.945 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 814314

Ion	Ratio	Lower	Upper
165	100		
63	46.4	38.0	57.0
89	51.0	41.7	62.5

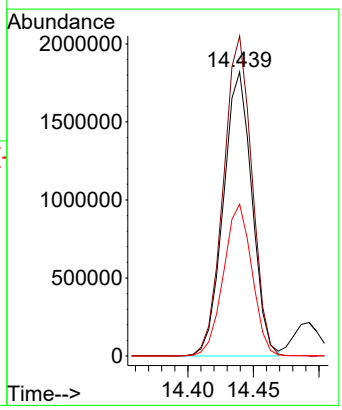


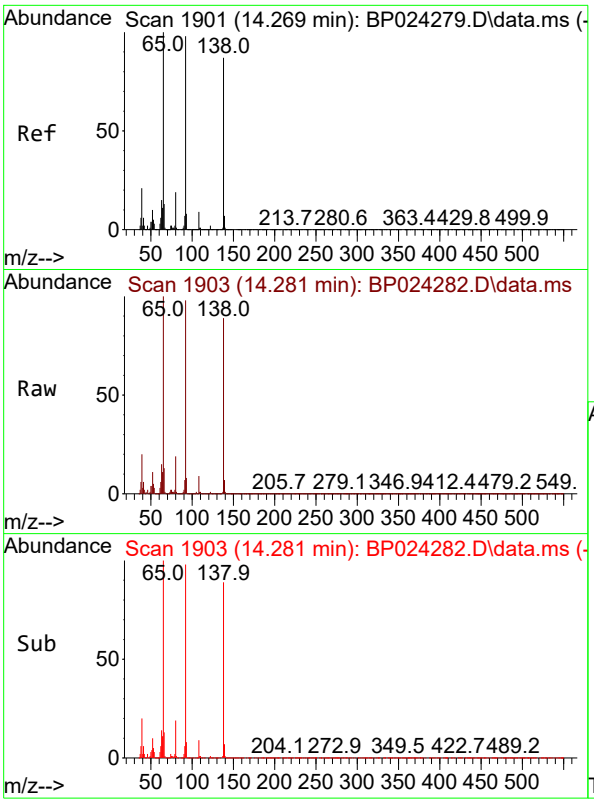


#52
Acenaphthene
Concen: 78.270 ng
RT: 14.439 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:154 Resp: 2761536

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.8	134.6
152	53.5	42.6	63.8



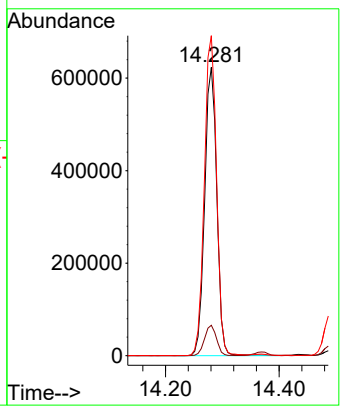


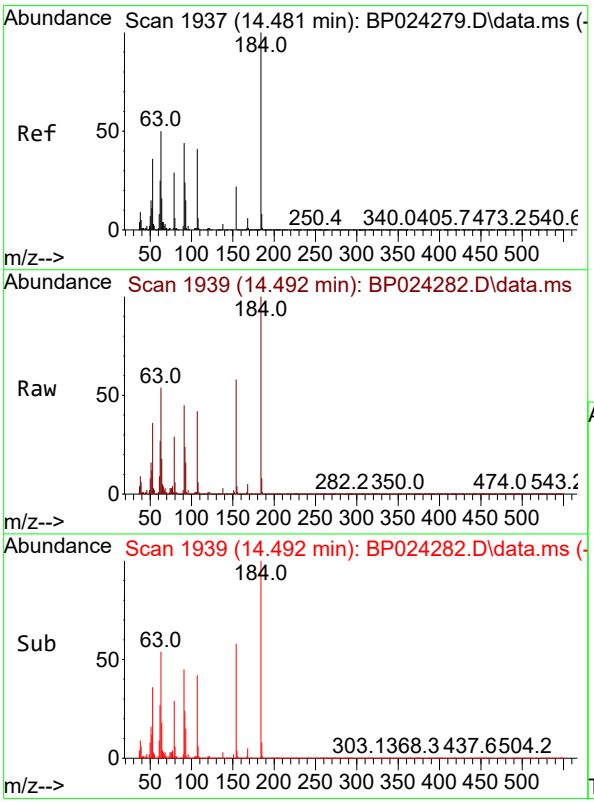
#53
3-Nitroaniline
Concen: 89.913 ng
RT: 14.281 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 919775

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.3	12.5
92	111.0	89.8	134.8

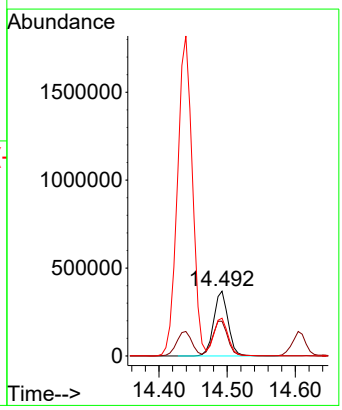


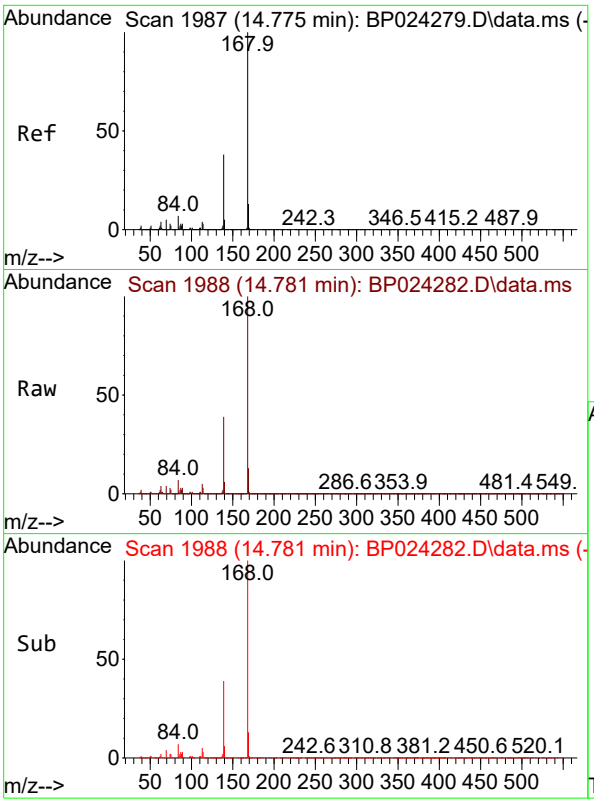


#54
2,4-Dinitrophenol
Concen: 102.567 ng
RT: 14.492 min Scan# 1939
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:184 Resp: 541483

Ion	Ratio	Lower	Upper
184	100		
63	53.6	42.6	64.0
154	58.2	47.2	70.8



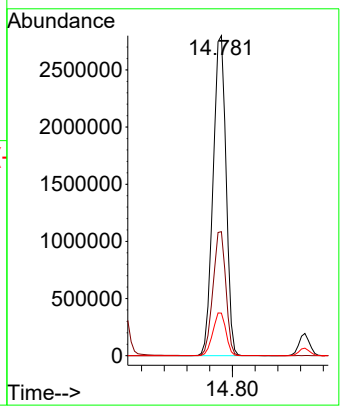


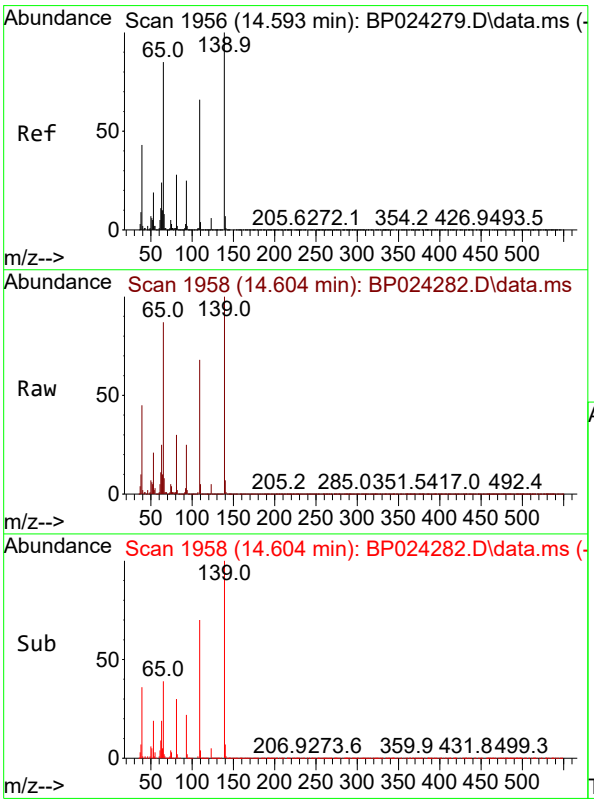
#55
Dibenzofuran
Concen: 76.402 ng
RT: 14.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 4420987

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.3	45.5
169	13.3	10.6	16.0

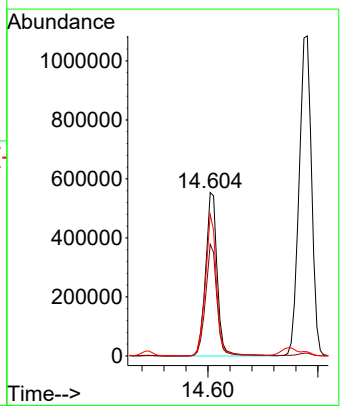


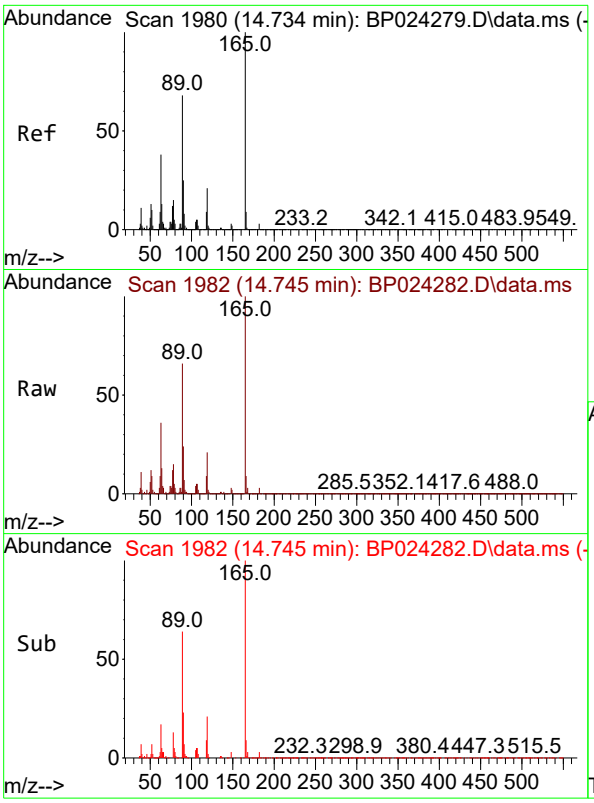


#56
4-Nitrophenol
Concen: 92.599 ng
RT: 14.604 min Scan# 1958
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:139 Resp: 814261

Ion	Ratio	Lower	Upper
139	100		
109	68.4	46.1	86.1
65	86.6	65.0	105.0



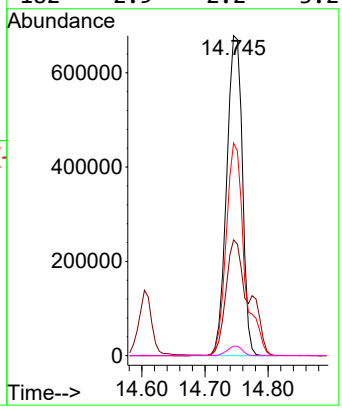


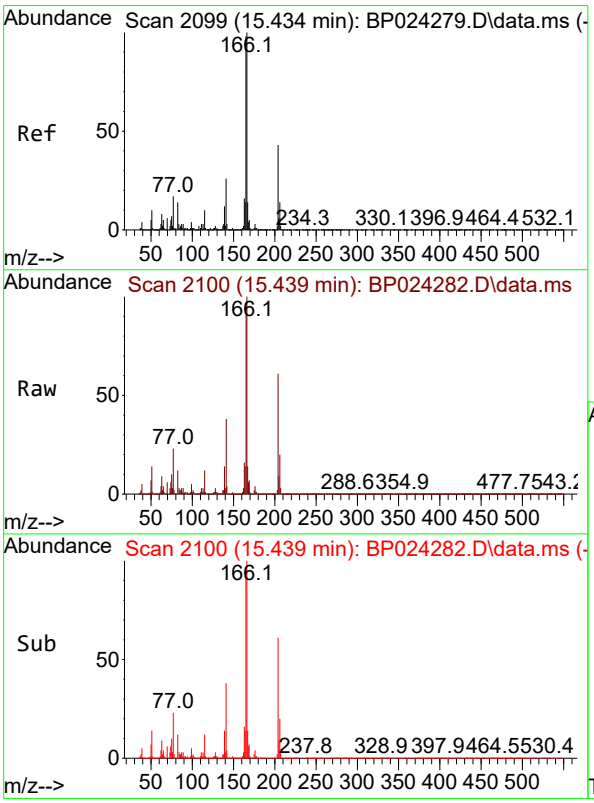
#57
2,4-Dinitrotoluene
Concen: 87.755 ng
RT: 14.745 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 1169554

Ion	Ratio	Lower	Upper
165	100		
63	36.2	30.4	45.6
89	66.4	54.6	82.0
182	2.9	2.2	3.2

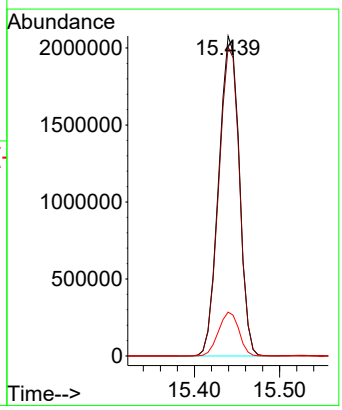


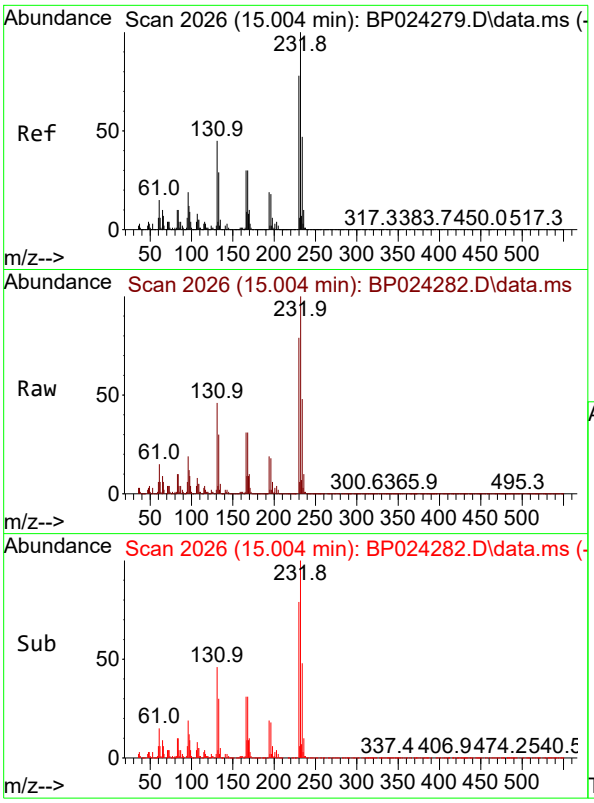


#58
Fluorene
Concen: 77.873 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:166 Resp: 3479094

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.1	117.1
167	13.7	10.9	16.3



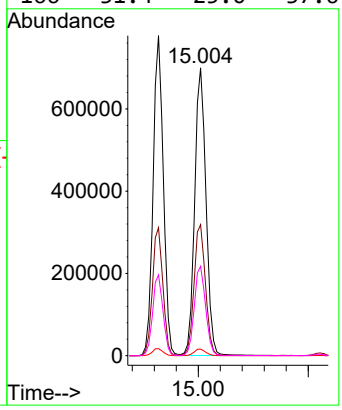


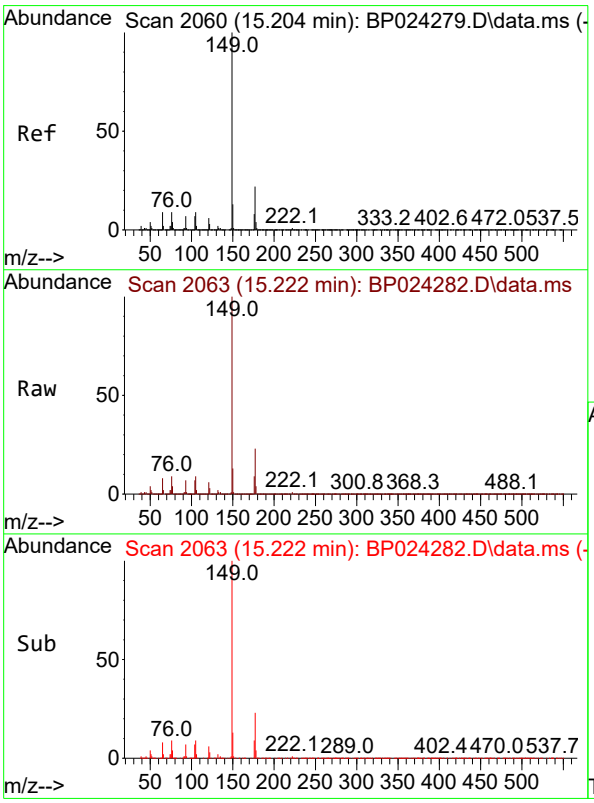
#59
2,3,4,6-Tetrachlorophenol
Concen: 84.031 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 999335

Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.8	55.2
130	2.4	1.9	2.9
166	31.4	25.0	37.6

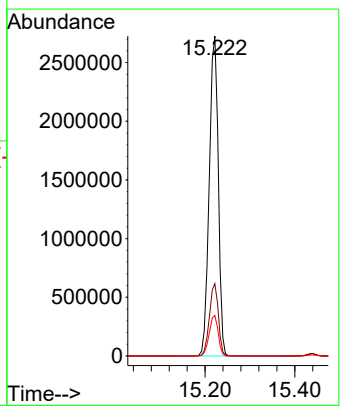


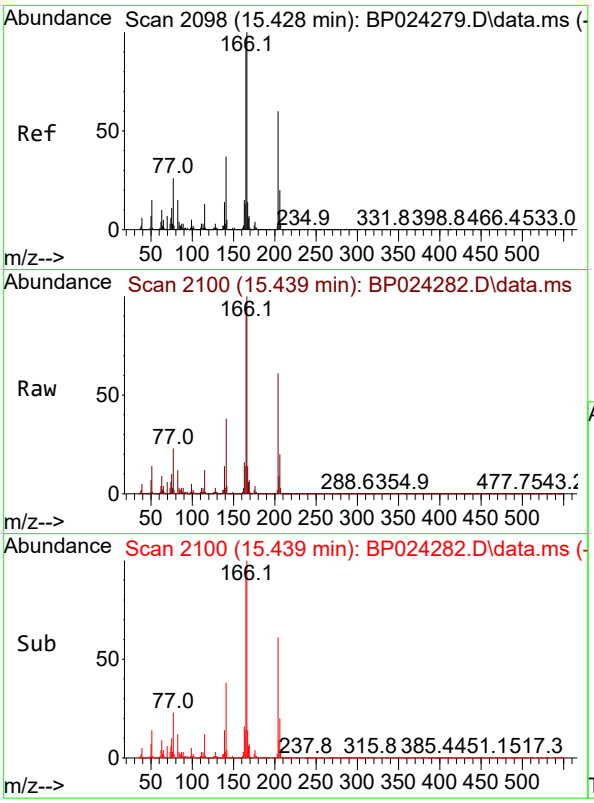


#60
Diethylphthalate
Concen: 78.910 ng
RT: 15.222 min Scan# 2063
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:149 Resp: 3800651

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	12.6	10.1	15.1



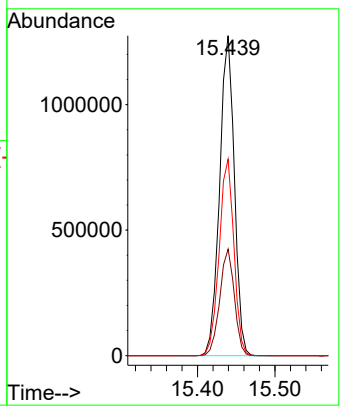


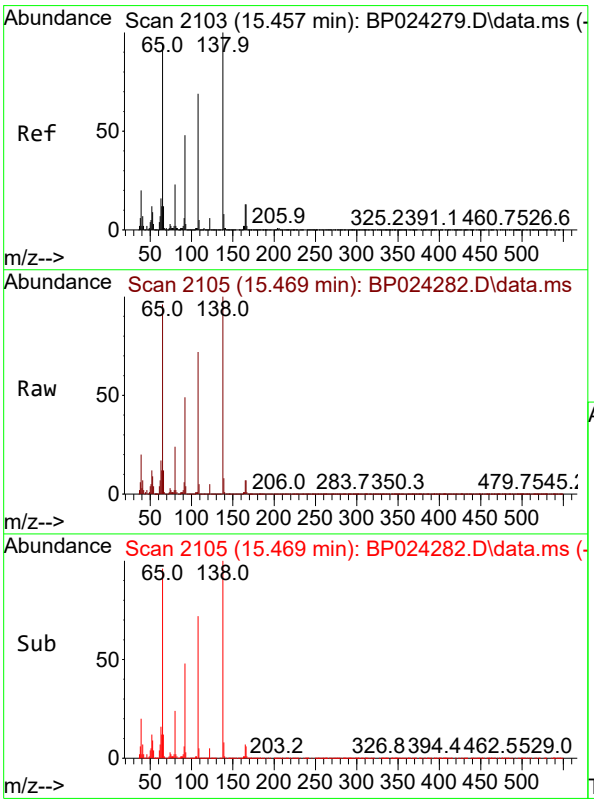
#61
4-Chlorophenyl-phenylether
Concen: 77.881 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 1689620

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	61.4	49.4	74.0

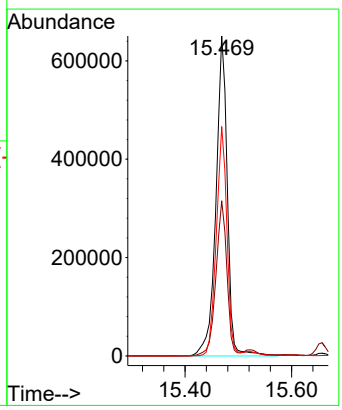


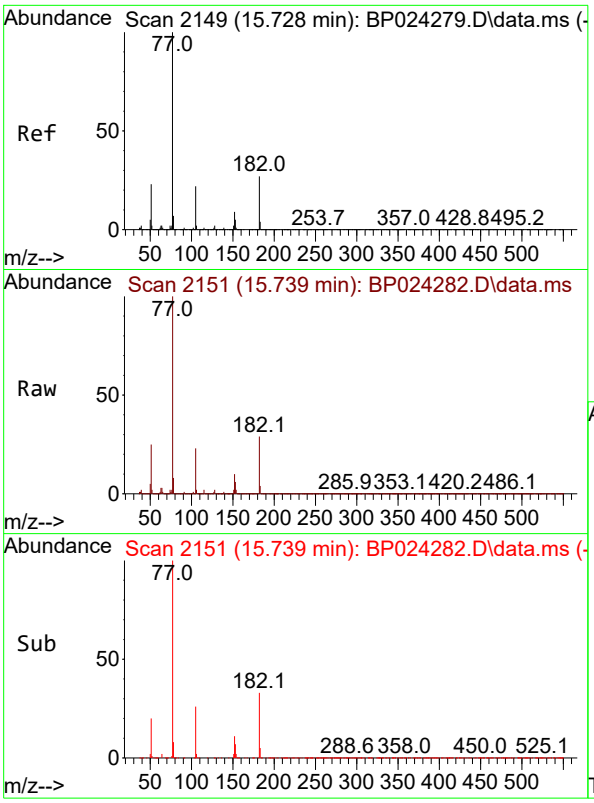


#62
4-Nitroaniline
Concen: 89.063 ng
RT: 15.469 min Scan# 2105
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:138 Resp: 965926

Ion	Ratio	Lower	Upper
138	100		
92	48.5	27.8	67.8
108	71.7	48.9	88.9



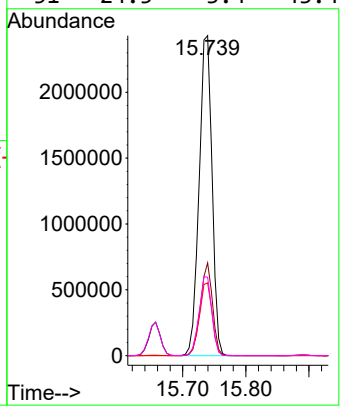


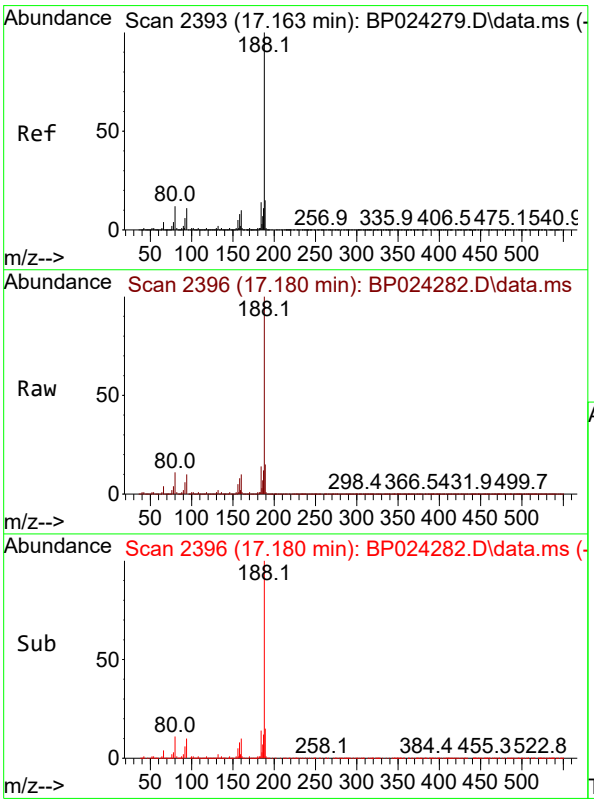
#63
Azobenzene
Concen: 77.741 ng
RT: 15.739 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 3448680

Ion	Ratio	Lower	Upper
77	100		
182	29.0	7.3	47.3
105	22.7	2.3	42.3
51	24.5	3.4	43.4

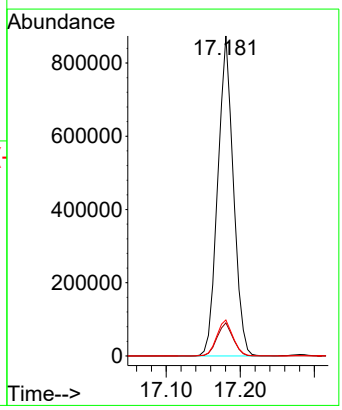


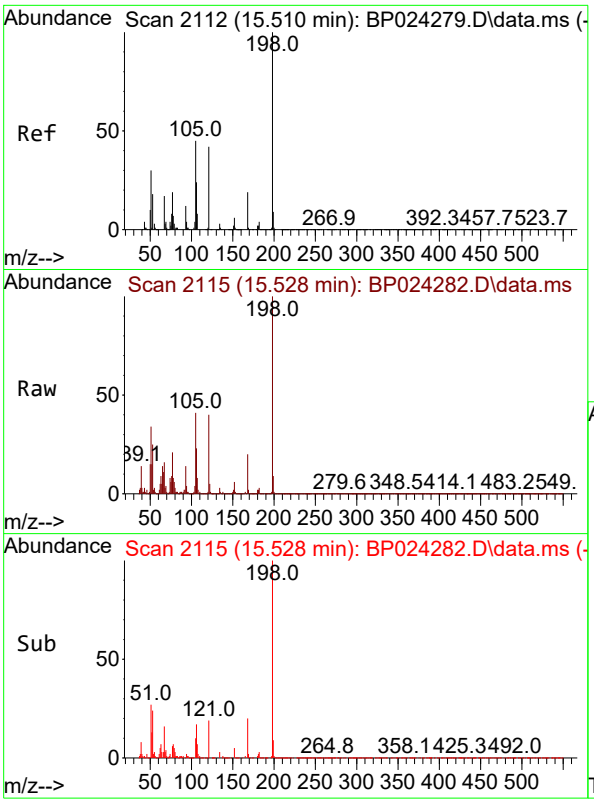


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2396
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:188 Resp: 1279313

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	13.0
80	11.2	9.8	14.6



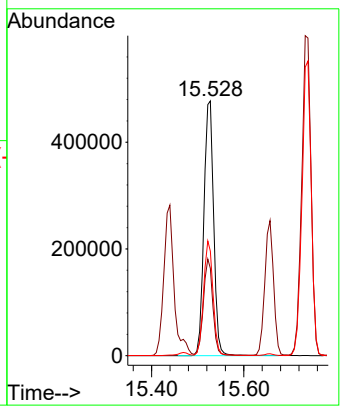


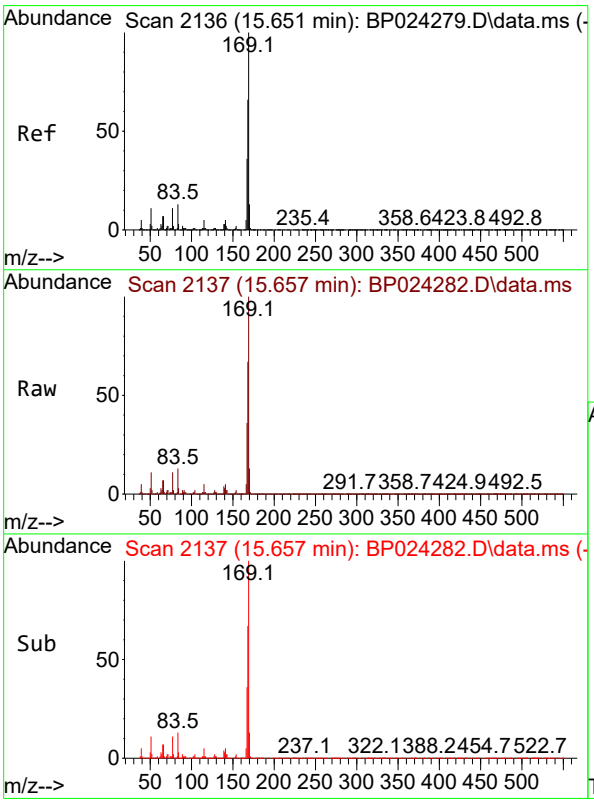
#65
4,6-Dinitro-2-methylphenol
Concen: 94.385 ng
RT: 15.528 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 705506

Ion	Ratio	Lower	Upper
198	100		
51	34.3	18.4	58.4
105	41.0	26.5	66.5

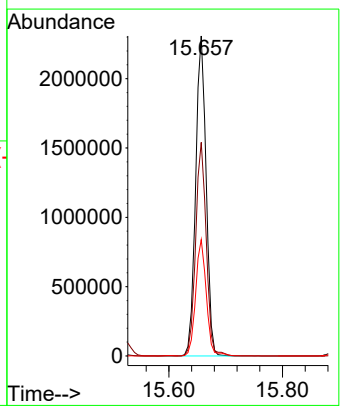


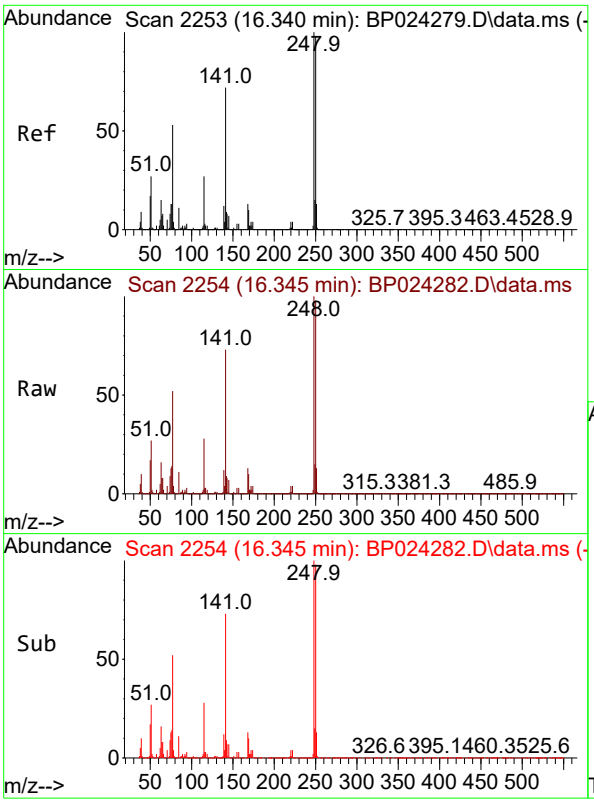


#66
n-Nitrosodiphenylamine
Concen: 77.438 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:169 Resp: 2970516

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.0	79.4
167	36.3	28.9	43.3



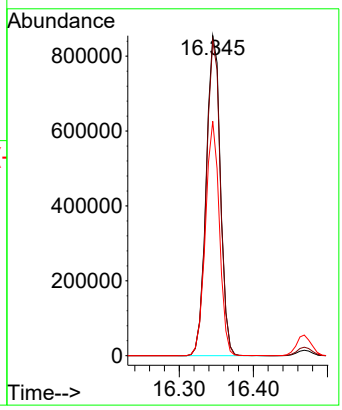


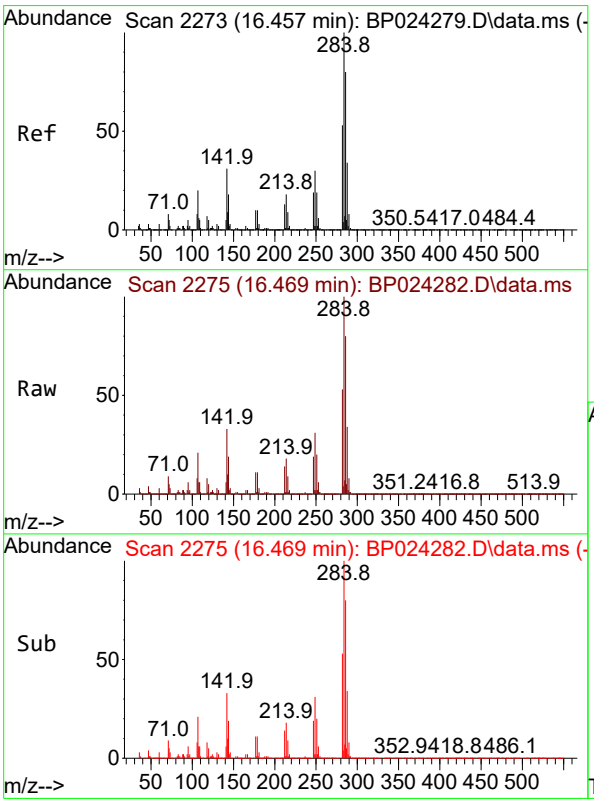
#67
4-Bromophenyl-phenylether
Concen: 81.488 ng
RT: 16.345 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 1137128

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.2	117.4
141	73.2	57.7	86.5

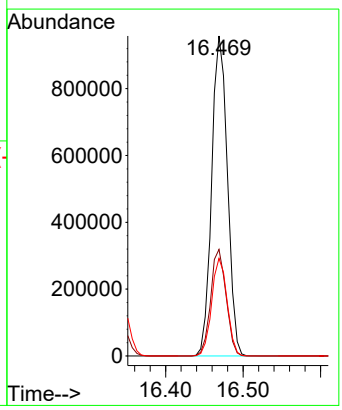


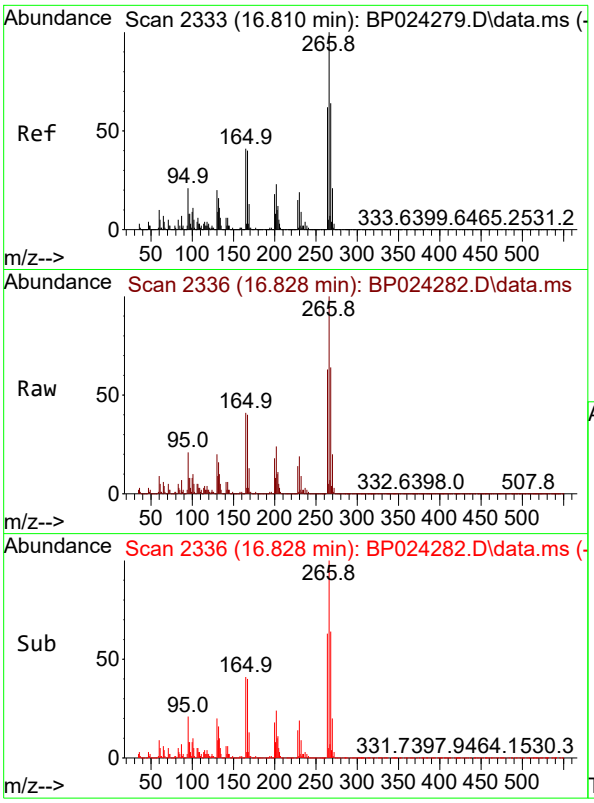


#68
Hexachlorobenzene
Concen: 81.231 ng
RT: 16.469 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:284 Resp: 1347567

Ion	Ratio	Lower	Upper
284	100		
142	33.3	24.6	37.0
249	30.5	23.8	35.6



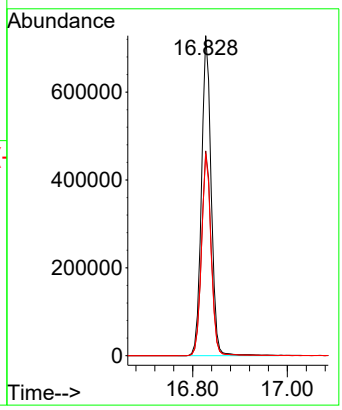


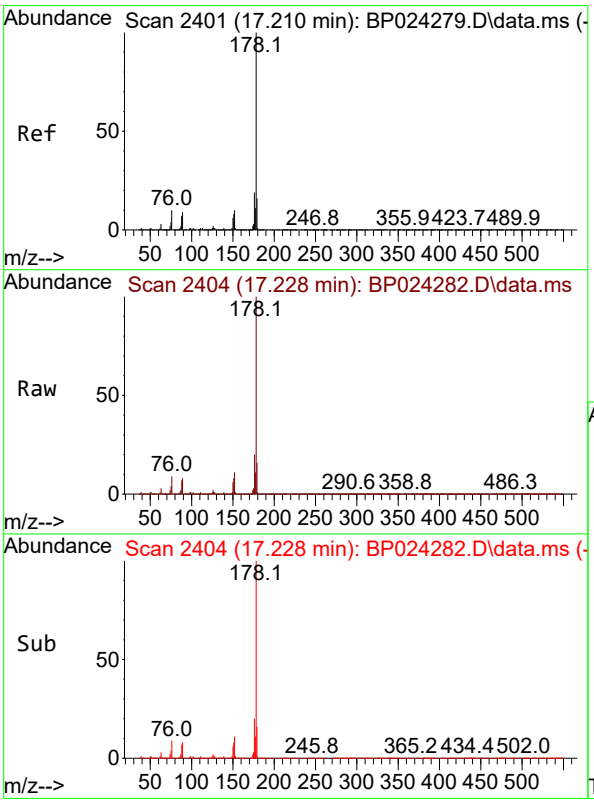
#70
Pentachlorophenol
Concen: 90.221 ng
RT: 16.828 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 1027691

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.0	76.6
264	63.1	49.8	74.6

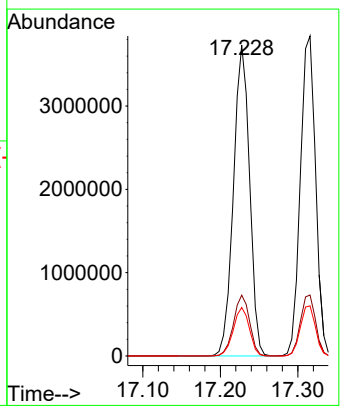


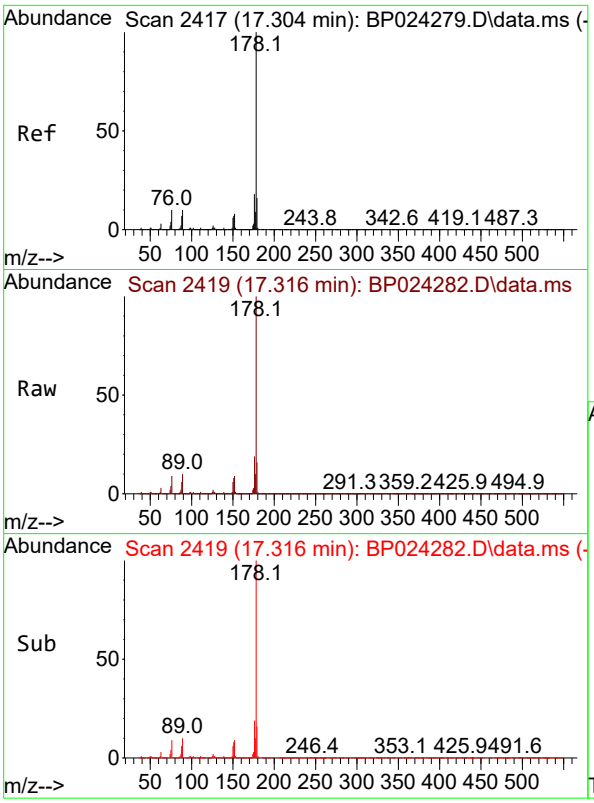


#71
Phenanthrene
Concen: 77.203 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:178 Resp: 5415046

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.6	12.5	18.7



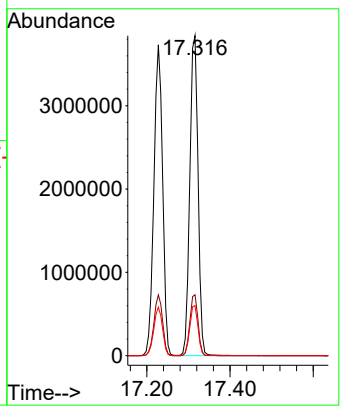


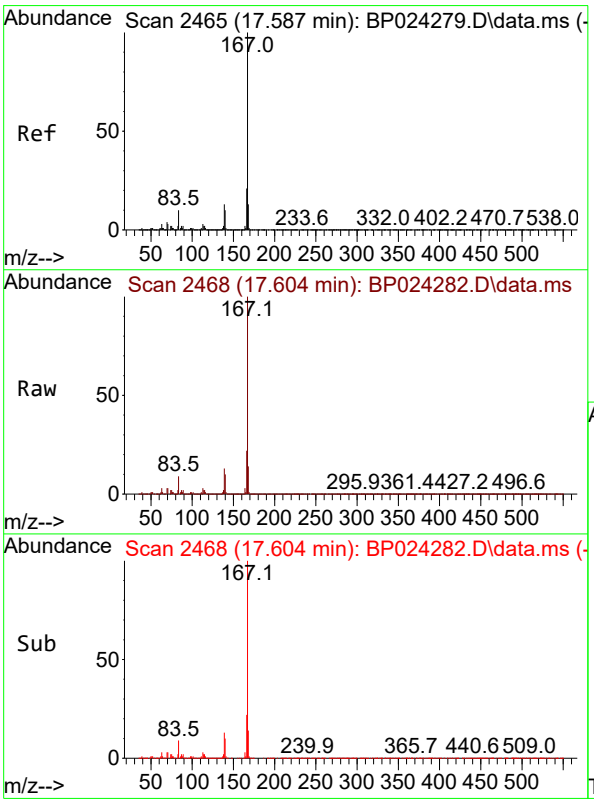
#72
Anthracene
Concen: 78.097 ng
RT: 17.316 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 5270987

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.6	12.4	18.6

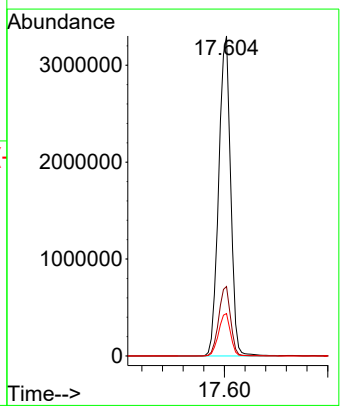


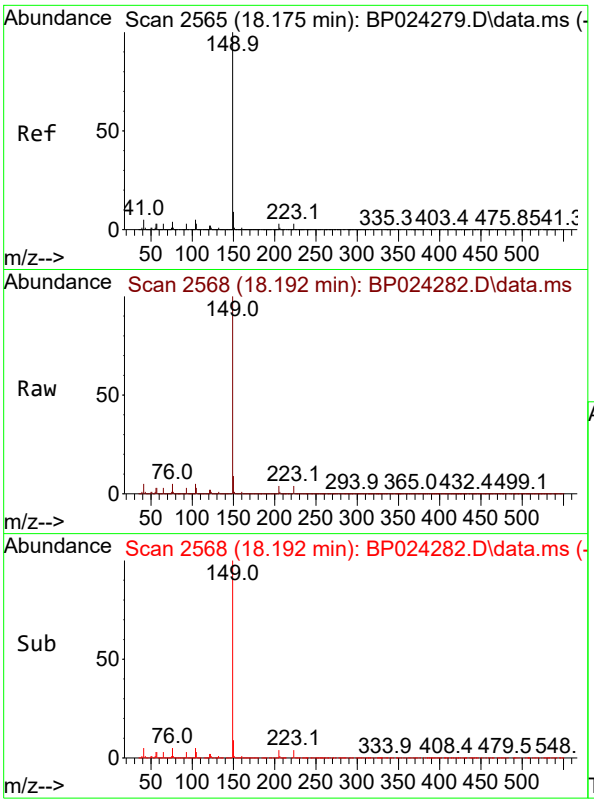


#73
Carbazole
Concen: 80.314 ng
RT: 17.604 min Scan# 2468
Delta R.T. 0.017 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:167 Resp: 5275449

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.2	10.6	16.0



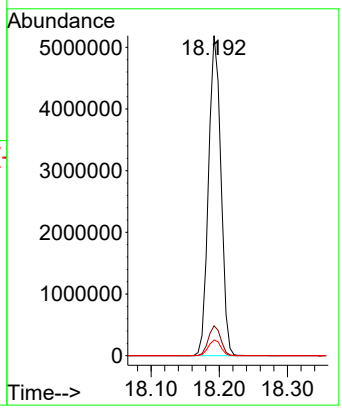


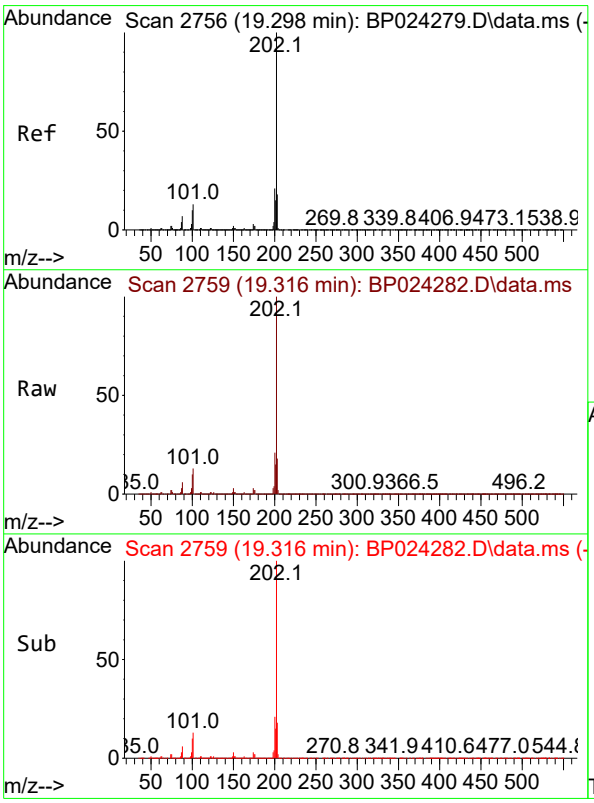
#74
Di-n-butylphthalate
Concen: 80.266 ng
RT: 18.192 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 6569078

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.9	3.9	5.9

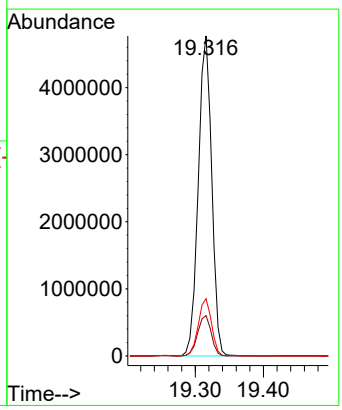


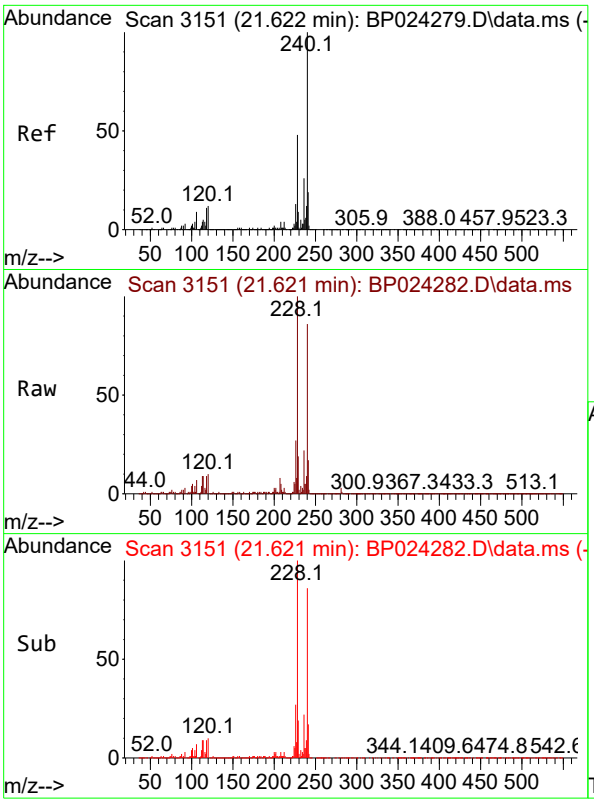


#75
Fluoranthene
Concen: 78.322 ng
RT: 19.316 min Scan# 2759
Delta R.T. 0.017 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:202 Resp: 6520527

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.9	0.0	37.7



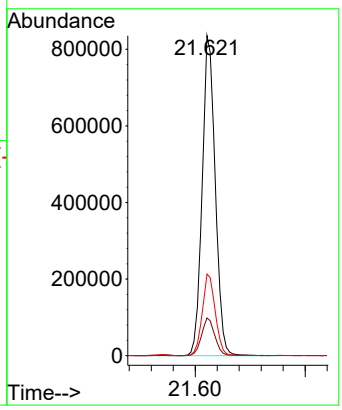


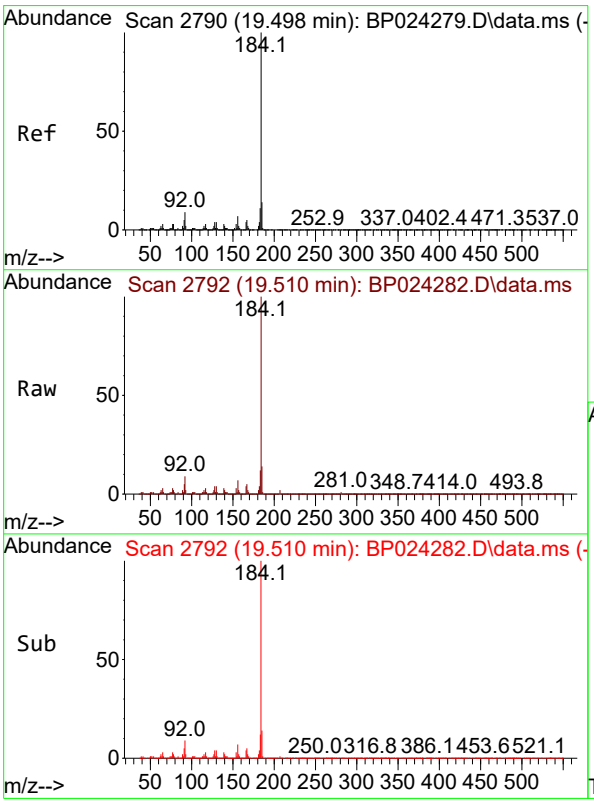
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.621 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 1378105

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.8	14.8
236	25.5	20.9	31.3

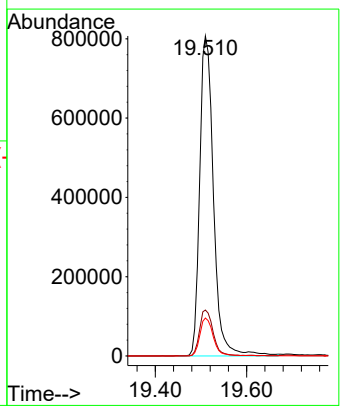


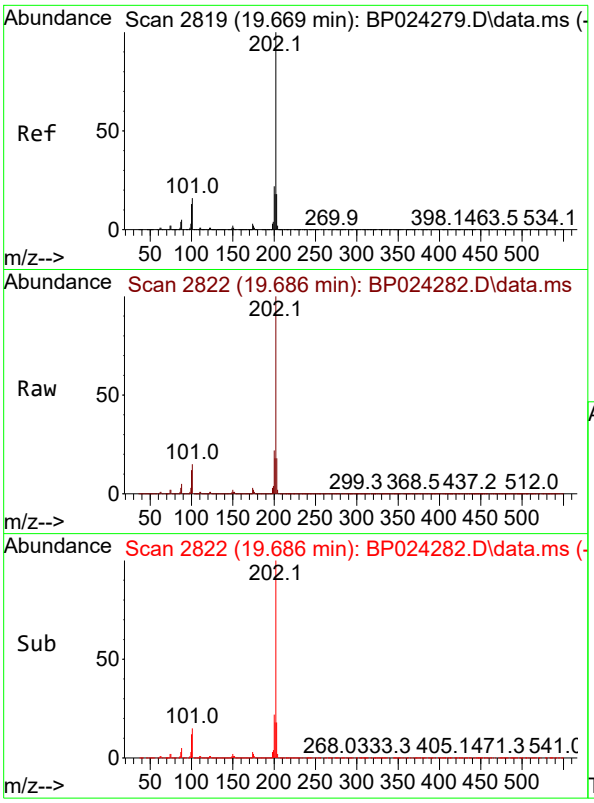


#77
Benzidine
Concen: 99.624 ng m
RT: 19.510 min Scan# 2792
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:184 Resp: 1694694

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	11.8	9.2	13.8



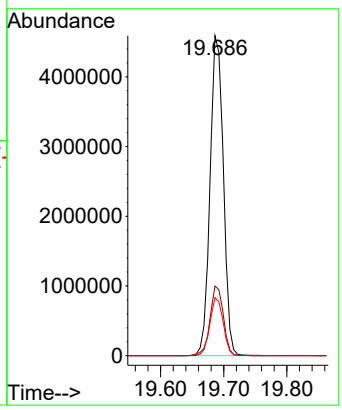


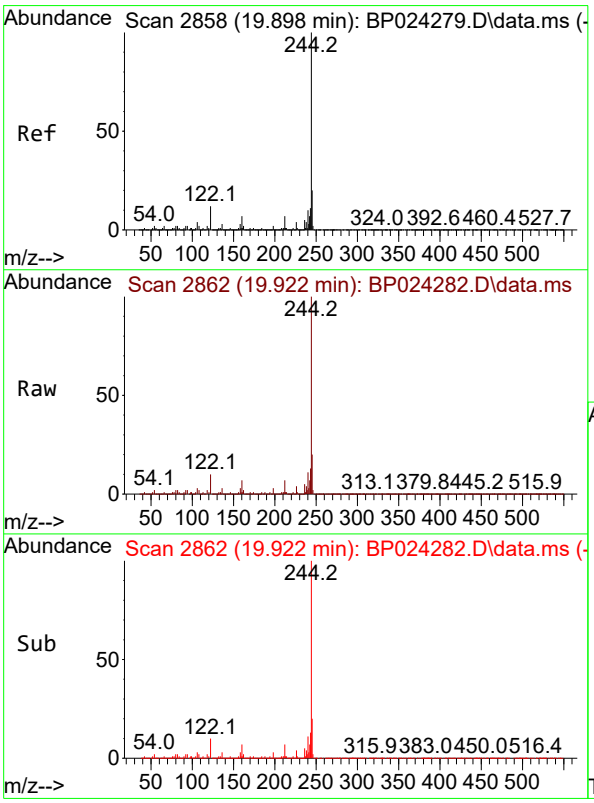
#78
Pyrene
Concen: 76.195 ng
RT: 19.686 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 6718789

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	18.1	14.4	21.6

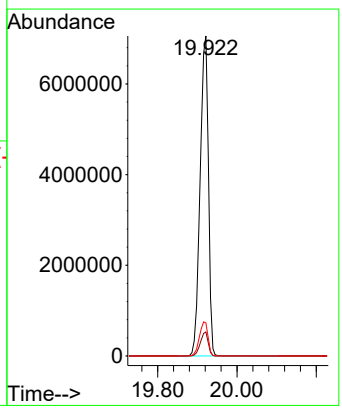


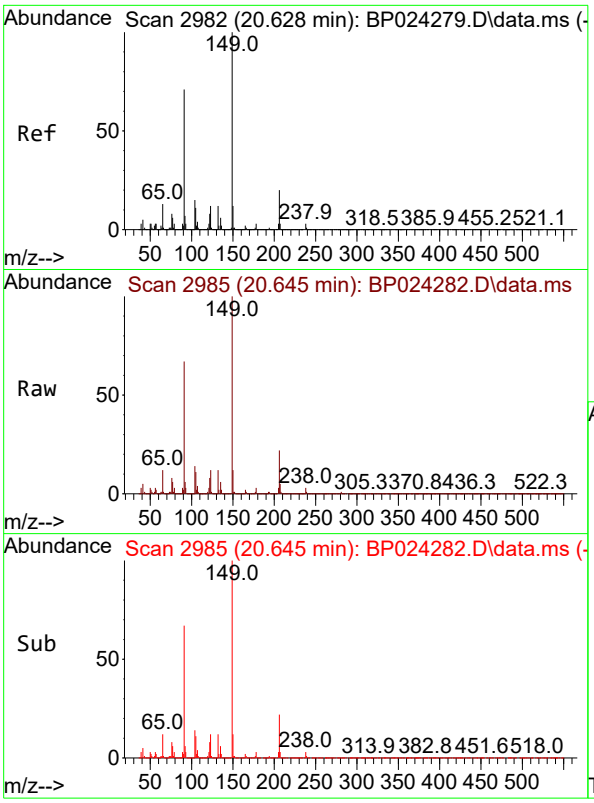


#79
Terphenyl-d14
Concen: 147.678 ng
RT: 19.922 min Scan# 2862
Delta R.T. 0.023 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:244 Resp:10209149

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.6	8.4
122	10.4	9.4	14.0



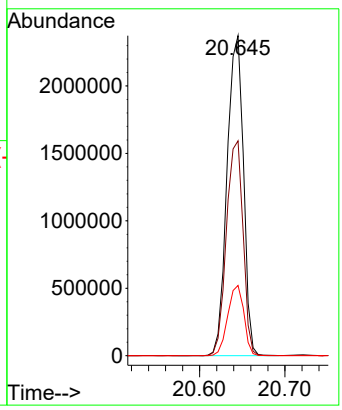


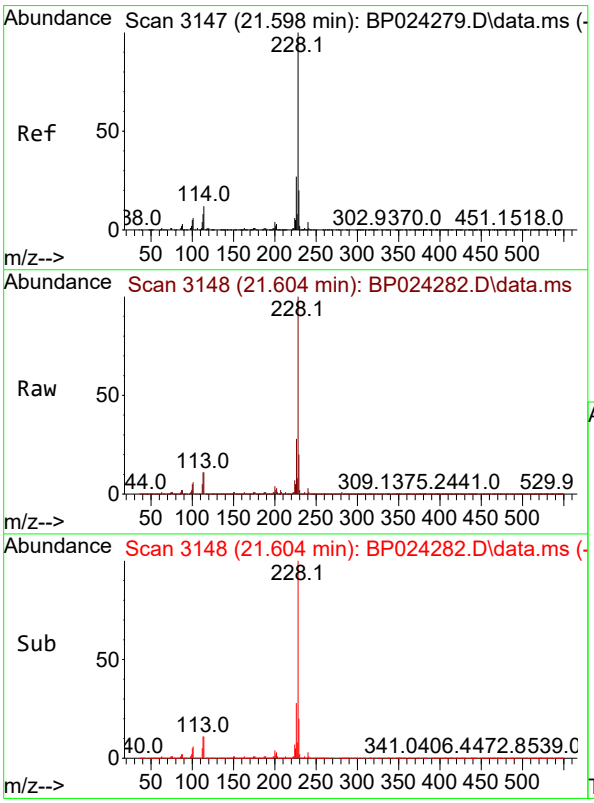
#80
Butylbenzylphthalate
Concen: 85.104 ng
RT: 20.645 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 3163633

Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.4	84.6
206	22.0	16.3	24.5

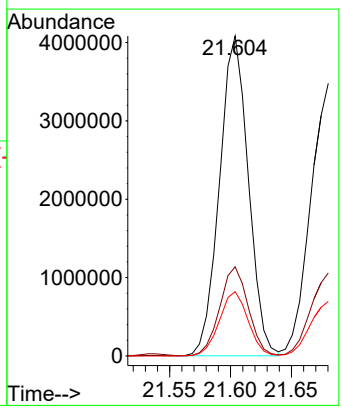


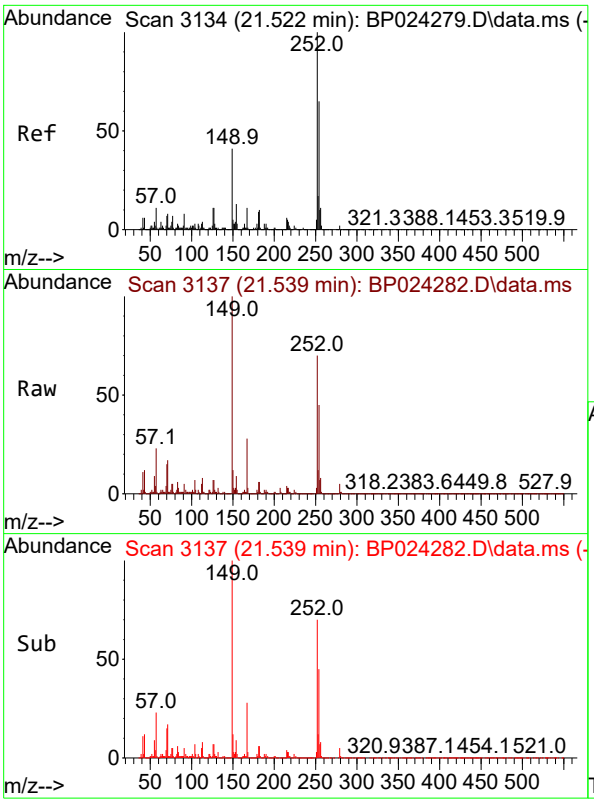


#81
Benzo(a)anthracene
Concen: 78.335 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:228 Resp: 6729971

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.1	15.9	23.9



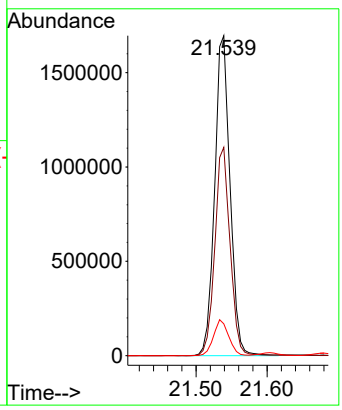


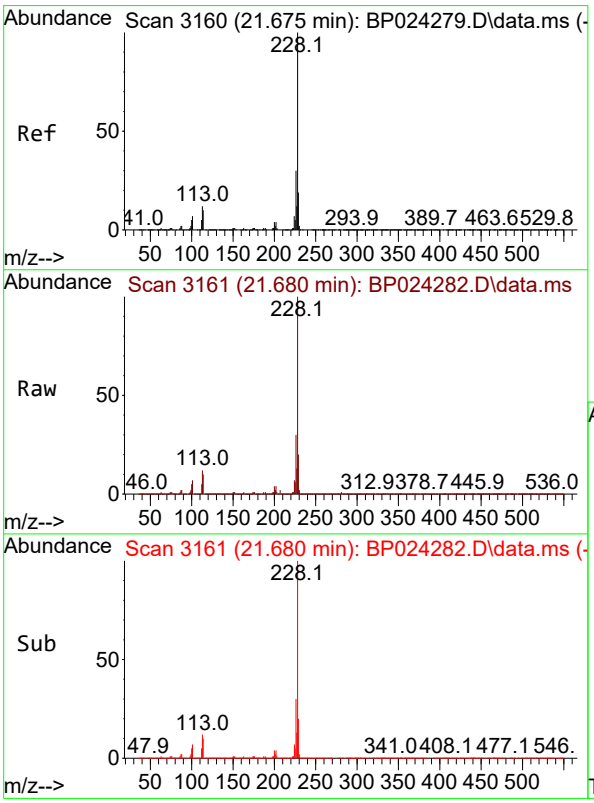
#82
3,3'-Dichlorobenzidine
Concen: 85.143 ng
RT: 21.539 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 2536509

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.7	77.5
126	10.0	8.8	13.2

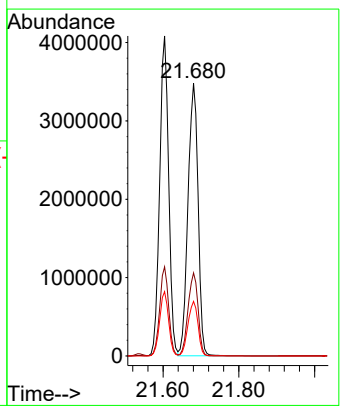


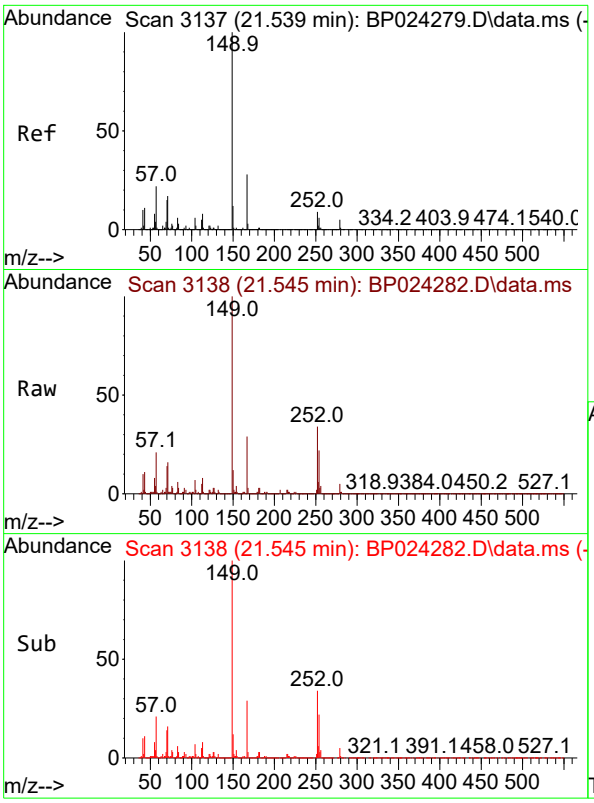


#83
Chrysene
Concen: 78.130 ng
RT: 21.680 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:228 Resp: 6433173

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	20.0	15.6	23.4



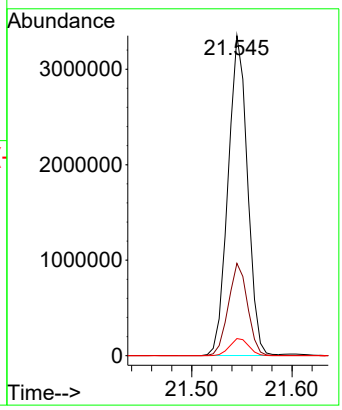


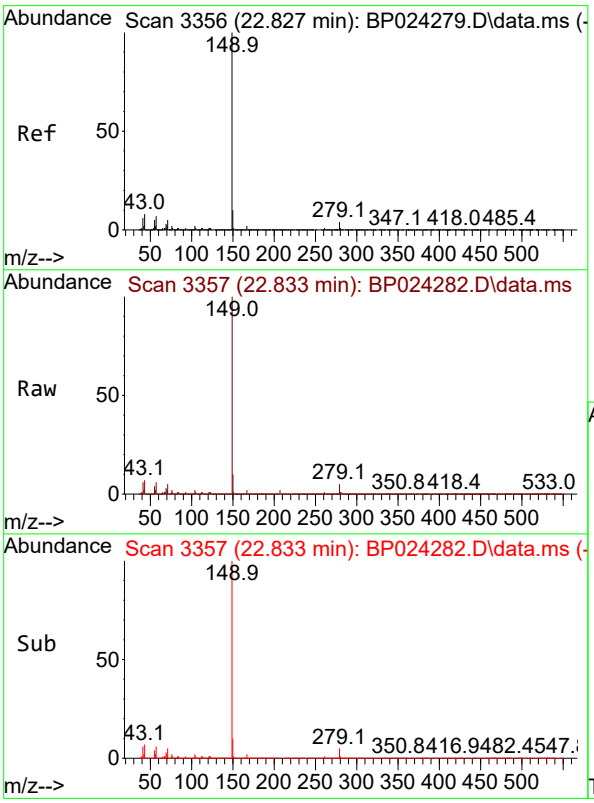
#84
Bis(2-ethylhexyl)phthalate
Concen: 82.506 ng
RT: 21.545 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 4516949

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.4	33.6
279	5.4	4.0	6.0

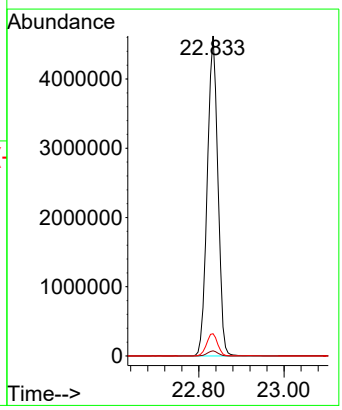


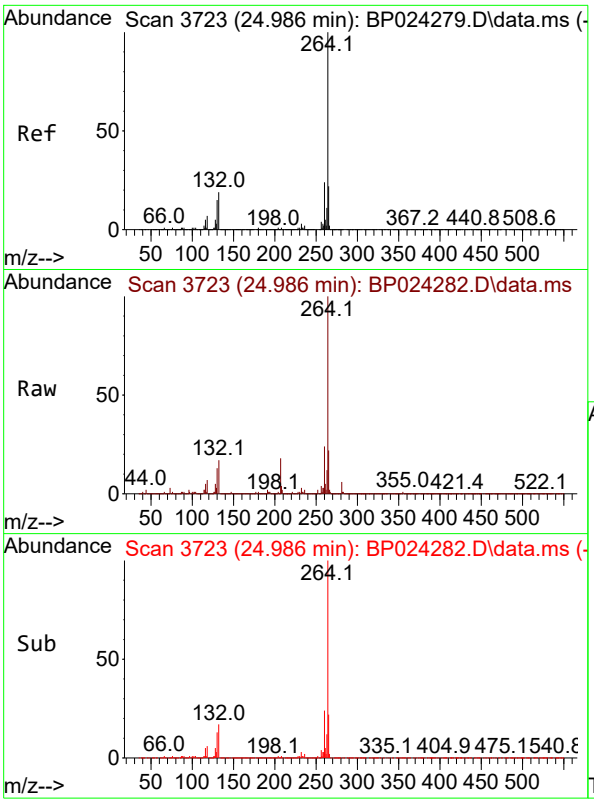


#85
Di-n-octyl phthalate
Concen: 90.878 ng
RT: 22.833 min Scan# 3357
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:149 Resp: 7969779

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.3	6.0	9.0



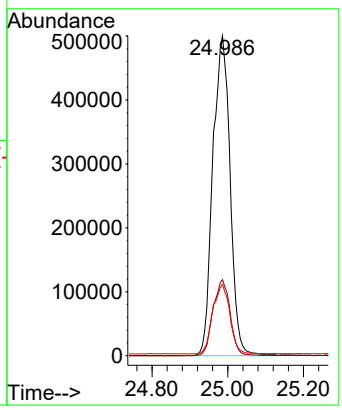


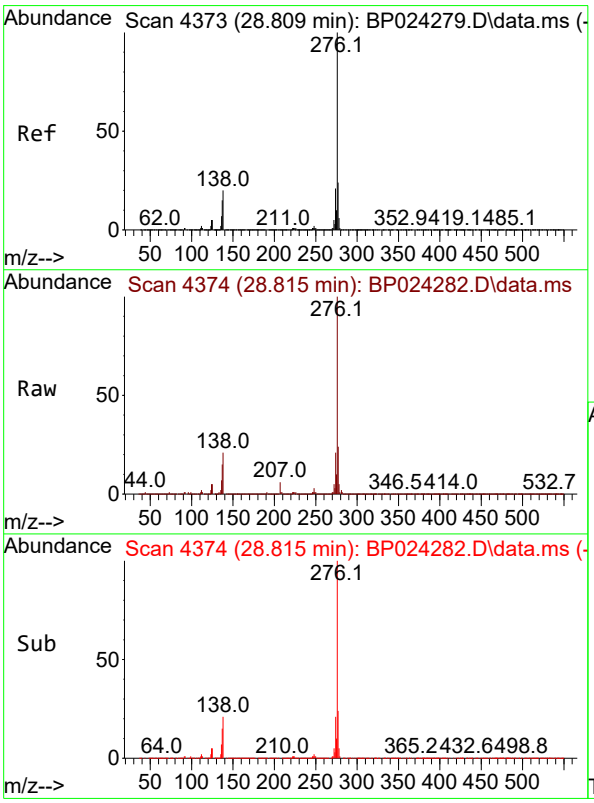
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 1583281

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.3	17.8	26.6

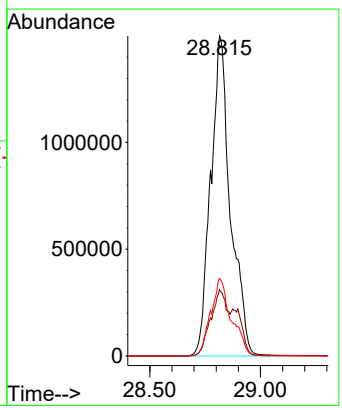


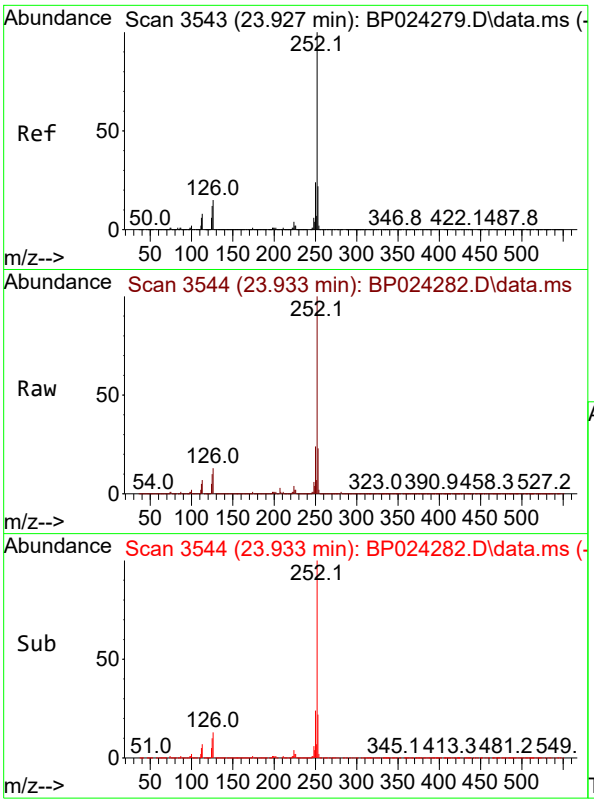


#87
Indeno(1,2,3-cd)pyrene
Concen: 85.280 ng
RT: 28.815 min Scan# 4374
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:276 Resp: 9286186

Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.5	21.7
277	25.4	20.2	30.2



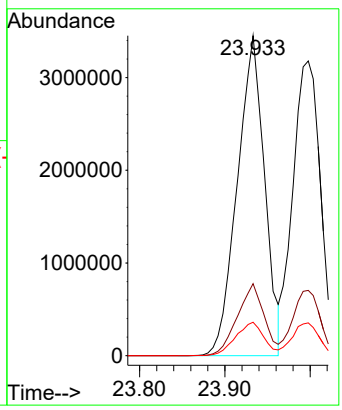


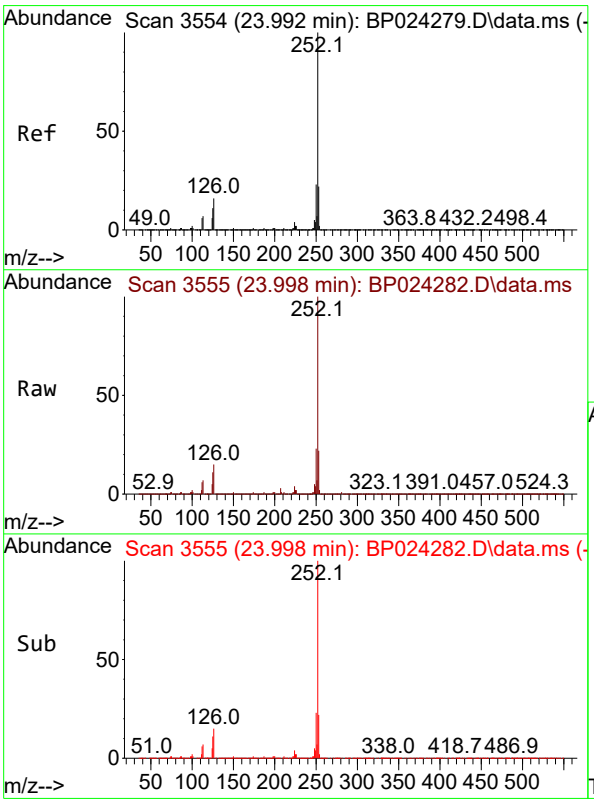
#88
Benzo(b)fluoranthene
Concen: 81.051 ng
RT: 23.933 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 7677613

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.4	9.4	14.0

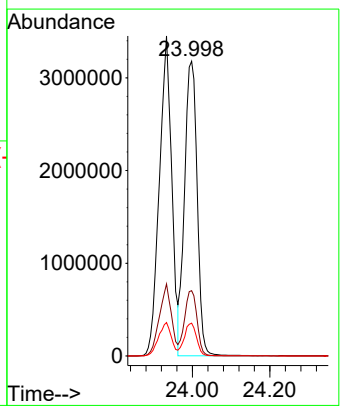


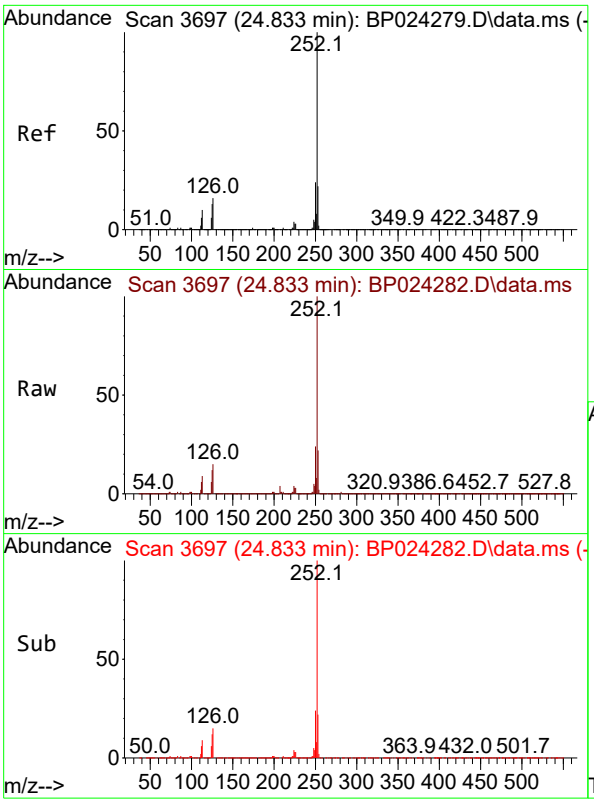


#89
Benzo(k)fluoranthene
Concen: 78.395 ng
RT: 23.998 min Scan# 3555
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:252 Resp: 7207214

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.1	9.1	13.7



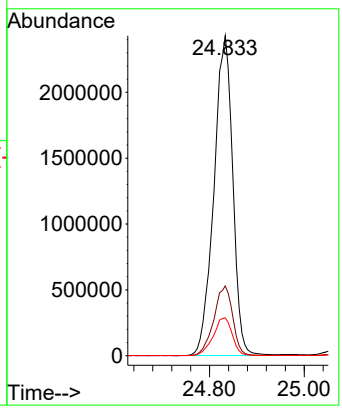


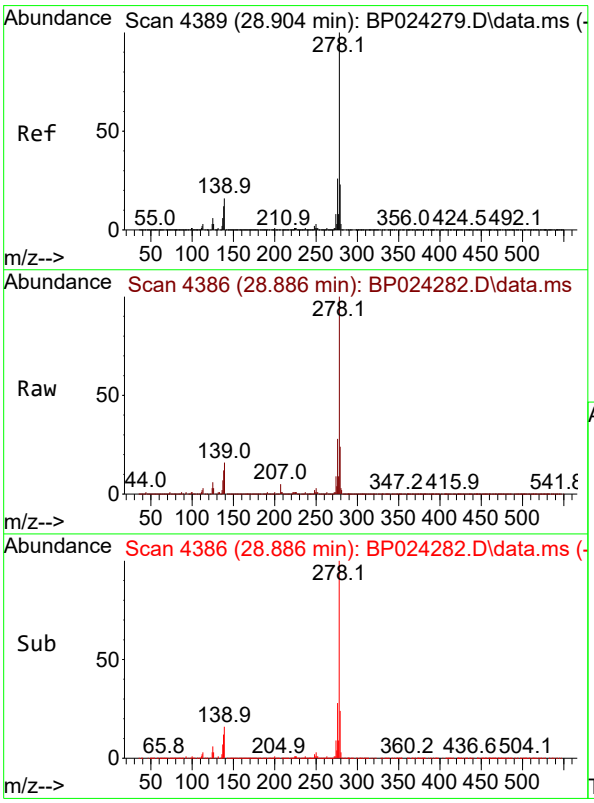
#90
Benzo(a)pyrene
Concen: 82.211 ng
RT: 24.833 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 6703562

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.8	10.1	15.1

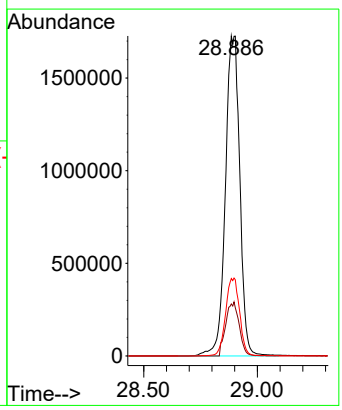


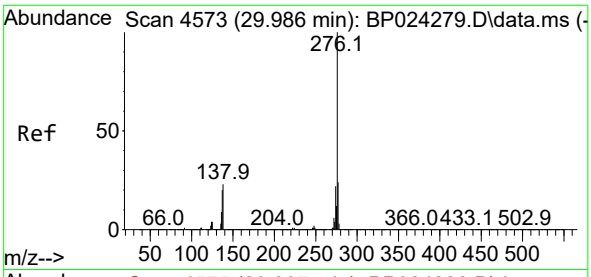


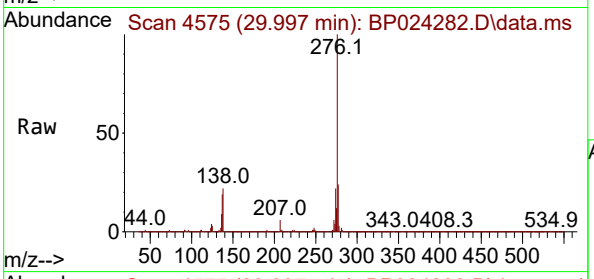
#91
Dibenzo(a,h)anthracene
Concen: 84.071 ng
RT: 28.886 min Scan# 4386
Delta R.T. -0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

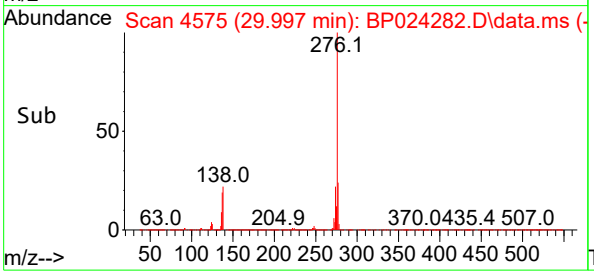
Tgt Ion:278 Resp: 7614901

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	19.0
279	24.2	18.5	27.7







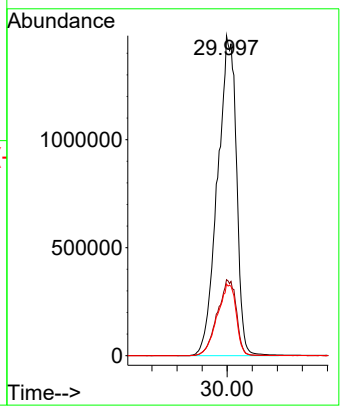


#92
Benzo(g,h,i)perylene
Concen: 84.072 ng
RT: 29.997 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 7750941

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	22.4	18.7	28.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	232241	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	956448	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	600031	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1178916	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1288125	20.000	ng	0.00
86) Perylene-d12	24.986	264	1476872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1141956	81.302	ng	0.00
7) Phenol-d6	6.911	99	1559050	81.063	ng	0.00
23) Nitrobenzene-d5	8.881	82	1401115	83.531	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	709703	85.488	ng	-0.02
45) 2-Fluorobiphenyl	12.975	172	3319933	84.715	ng	0.00
79) Terphenyl-d14	19.892	244	5217888	81.649	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	240091	40.412	ng	100
3) Pyridine	3.687	79	626813	39.955	ng	99
4) n-Nitrosodimethylamine	3.593	42	209326	40.205	ng	98
6) Aniline	7.069	93	710981	41.370	ng	100
8) 2-Chlorophenol	7.305	128	632515	40.334	ng	99
9) Benzaldehyde	6.881	77	399803	42.024	ng	98
10) Phenol	6.940	94	777631	40.306	ng	100
11) bis(2-Chloroethyl)ether	7.163	93	620261	39.902	ng	99
12) 1,3-Dichlorobenzene	7.622	146	680343	40.298	ng	100
13) 1,4-Dichlorobenzene	7.769	146	694020	40.516	ng	99
14) 1,2-Dichlorobenzene	8.081	146	659947	39.898	ng	99
15) Benzyl Alcohol	7.969	79	517678	41.621	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.258	45	674999	40.173	ng	99
17) 2-Methylphenol	8.175	107	512292	41.046	ng	100
18) Hexachloroethane	8.799	117	250852	40.522	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	481540	40.471	ng	99
20) 3+4-Methylphenols	8.499	107	706733	40.810	ng	99
22) Acetophenone	8.546	105	986019	41.652	ng	100
24) Nitrobenzene	8.922	77	689231	41.537	ng	100
25) Isophorone	9.446	82	1264480	41.648	ng	99
26) 2-Nitrophenol	9.628	139	352229	43.376	ng	99
27) 2,4-Dimethylphenol	9.687	122	425062	41.689	ng	99
28) bis(2-Chloroethoxy)met...	9.922	93	849161	41.402	ng	99
29) 2,4-Dichlorophenol	10.163	162	590306	42.461	ng	98
30) 1,2,4-Trichlorobenzene	10.369	180	619818	41.612	ng	99
31) Naphthalene	10.557	128	2085090	41.386	ng	99
32) Benzoic acid	9.834	122	486627	40.959	ng	98
33) 4-Chloroaniline	10.669	127	761817	42.937	ng	99
34) Hexachlorobutadiene	10.846	225	367684	42.007	ng	100
35) Caprolactam	11.457	113	216229	42.152	ng	99
36) 4-Chloro-3-methylphenol	11.799	107	675857	41.737	ng	98
37) 2-Methylnaphthalene	12.169	142	1446647	41.403	ng	100
38) 1-Methylnaphthalene	12.387	142	1408633	41.210	ng	99
40) 1,2,4,5-Tetrachloroben...	12.540	216	697580	42.275	ng	100
41) Hexachlorocyclopentadiene	12.516	237	254676	43.639	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	475349	43.329	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	520298	42.828	ng	97
46) 1,1'-Biphenyl	13.187	154	1834570	41.595	ng	99
47) 2-Chloronaphthalene	13.228	162	1377424	41.786	ng	100
48) 2-Nitroaniline	13.434	65	392742	42.475	ng	98
49) Acenaphthylene	14.081	152	2168474	41.783	ng	99
50) Dimethylphthalate	13.816	163	1809923	41.478	ng	99
51) 2,6-Dinitrotoluene	13.940	165	398345	42.990	ng	97
52) Acenaphthene	14.428	154	1344151	40.853	ng	99
53) 3-Nitroaniline	14.275	138	427828	43.931	ng	98
54) 2,4-Dinitrophenol	14.481	184	231882	42.485	ng	98
55) Dibenzofuran	14.763	168	2187786	40.679	ng	99
56) 4-Nitrophenol	14.592	139	378214	44.968	ng	99
57) 2,4-Dinitrotoluene	14.734	165	550175	43.527	ng	97
58) Fluorene	15.428	166	1738215	41.750	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	470547	41.995	ng	99
60) Diethylphthalate	15.198	149	1869274	41.570	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	844629	41.777	ng	99
62) 4-Nitroaniline	15.451	138	444482	43.114	ng	96
63) Azobenzene	15.722	77	1722900	41.686	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	317548	42.724	ng	95
66) n-Nitrosodiphenylamine	15.645	169	1460282	41.500	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	545579	42.314	ng	97
68) Hexachlorobenzene	16.451	284	642095	41.909	ng	96
69) Atrazine	16.622	200	282908	31.567	ng	98
70) Pentachlorophenol	16.810	266	458529	42.900	ng	99
71) Phenanthrene	17.204	178	2612052	40.615	ng	100
72) Anthracene	17.298	178	2606508	42.051	ng	100
73) Carbazole	17.581	167	2564955	42.351	ng	99
74) Di-n-butylphthalate	18.175	149	3360635	44.539	ng	100
75) Fluoranthene	19.298	202	3195045	41.771	ng	99
77) Benzidine	19.492	184	588487	36.041	ng	100
78) Pyrene	19.675	202	3276290	40.022	ng	99
80) Butylbenzylphthalate	20.627	149	1511473	43.107	ng	97
81) Benzo(a)anthracene	21.598	228	3299250	41.207	ng	99
82) 3,3'-Dichlorobenzidine	21.516	252	1212290	43.139	ng	99
83) Chrysene	21.669	228	3136332	40.888	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	2282222	44.400	ng	100
85) Di-n-octyl phthalate	22.827	149	3803266	45.513	ng	100
87) Indeno(1,2,3-cd)pyrene	28.798	276	4313548m	42.071	ng	
88) Benzo(b)fluoranthene	23.933	252	3654984	41.288	ng	99
89) Benzo(k)fluoranthene	23.998	252	3512834	41.081	ng	100
90) Benzo(a)pyrene	24.833	252	3196130	41.855	ng	99
91) Dibenzo(a,h)anthracene	28.880	278	3566000	41.902	ng	98
92) Benzo(g,h,i)perylene	29.992	276	3590938	41.455	ng	98

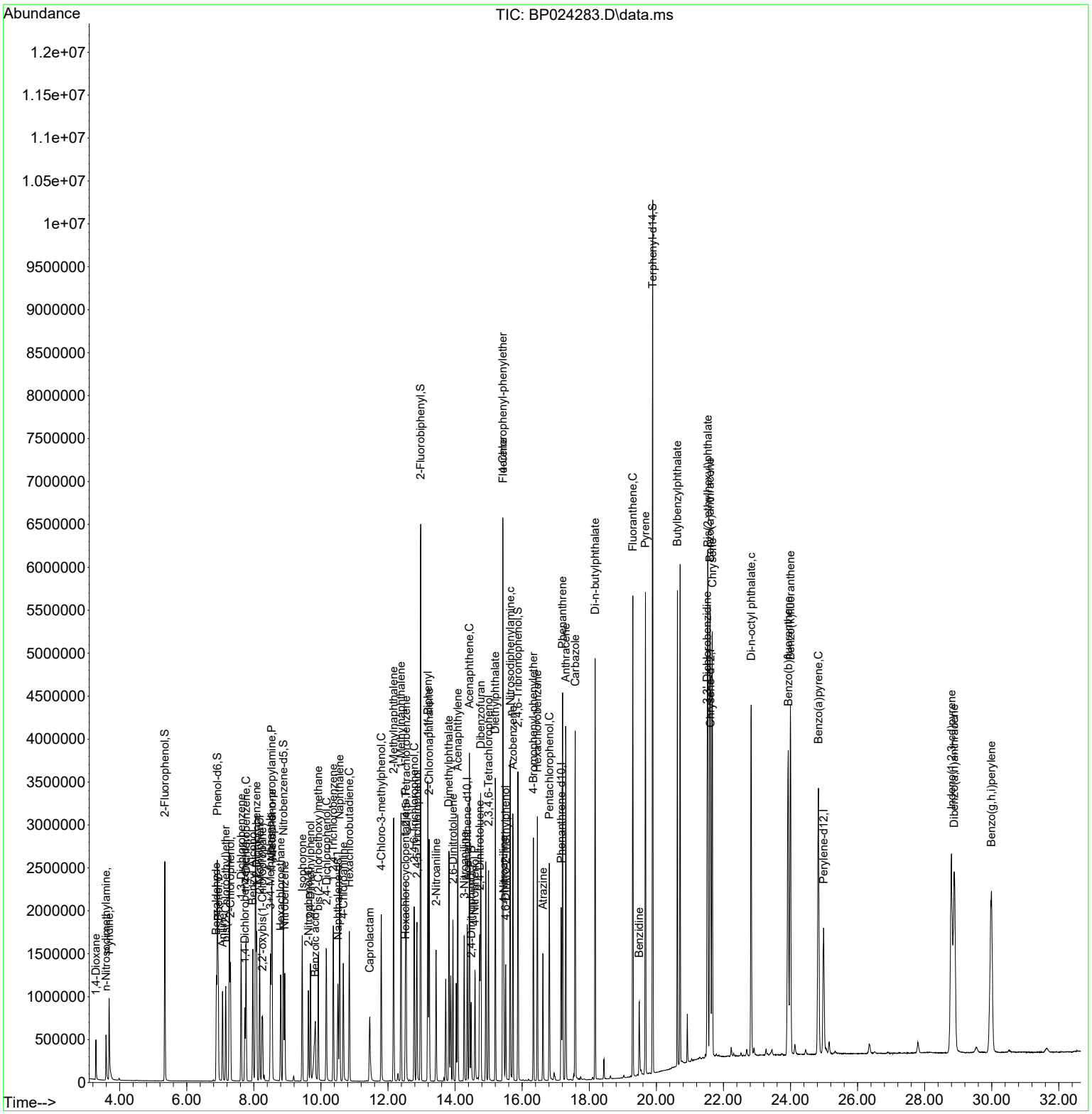
(#) = qualifier out of range (m) = manual integration (+) = signals summed

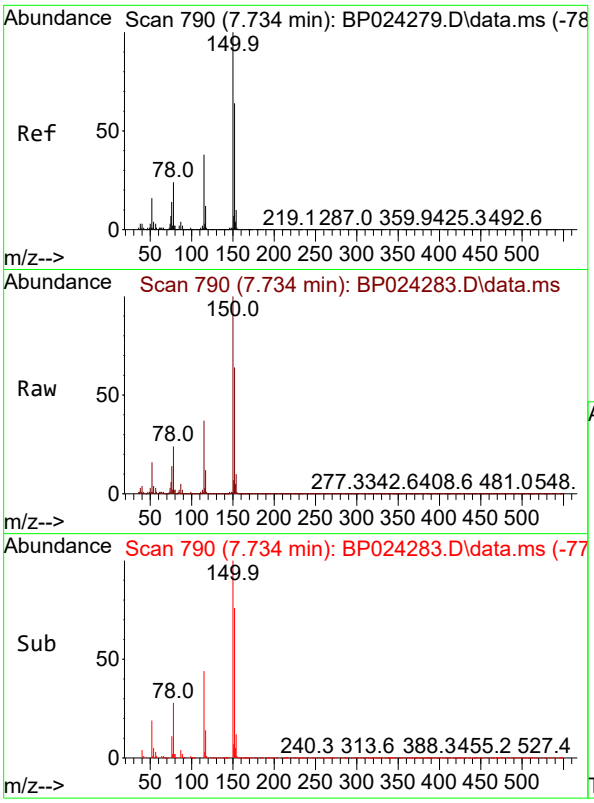
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration



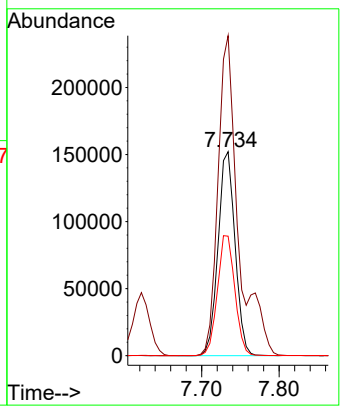


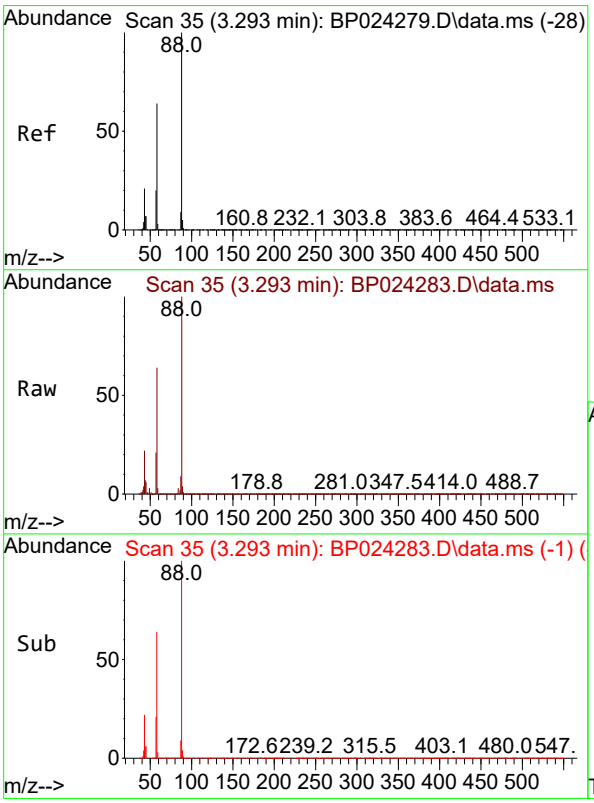
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:152 Resp: 232241

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	58.6	47.7	71.5

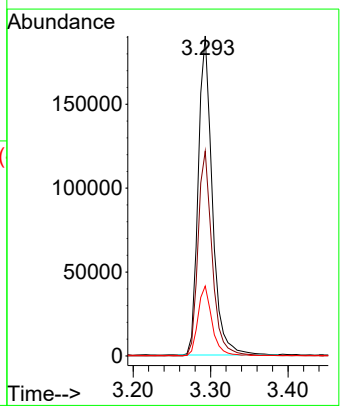


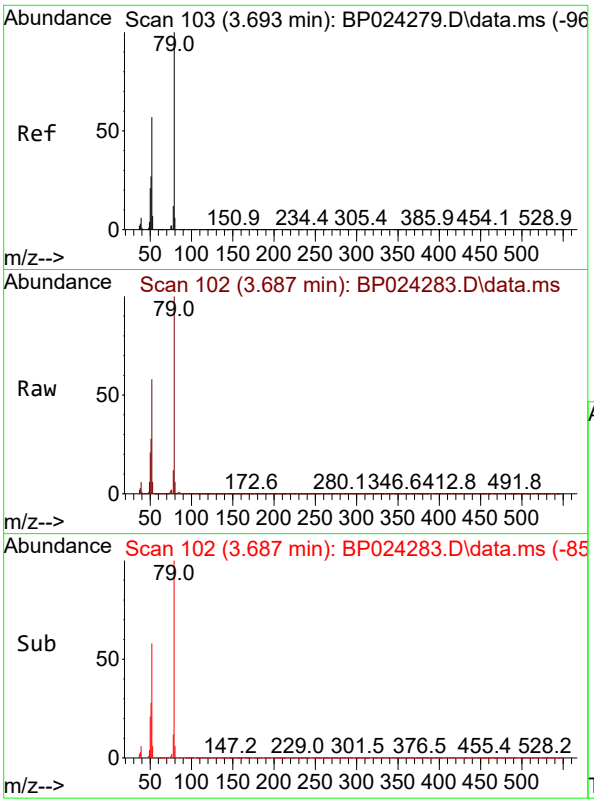


#2
1,4-Dioxane
Concen: 40.412 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 88 Resp: 240091

Ion	Ratio	Lower	Upper
88	100		
58	64.4	51.4	77.2
43	21.7	17.1	25.7



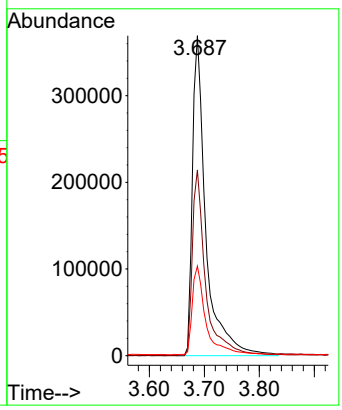


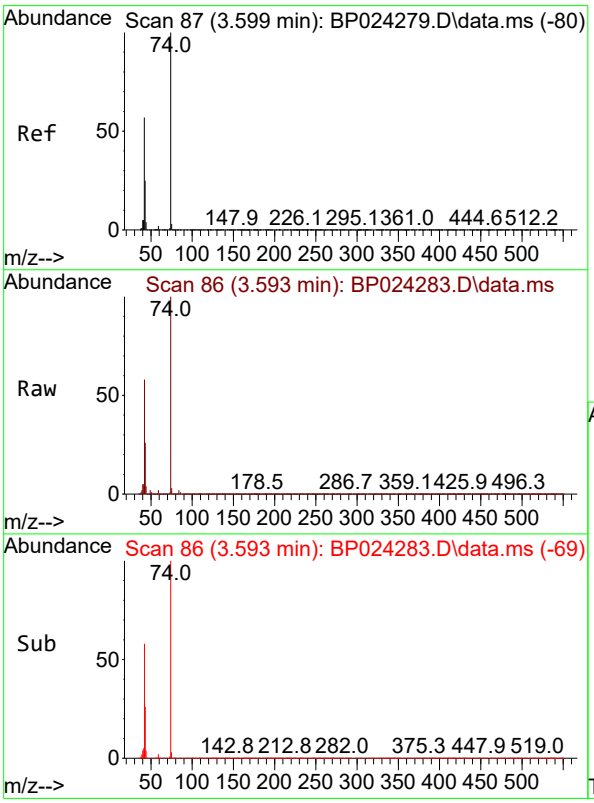
#3
Pyridine
Concen: 39.955 ng
RT: 3.687 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 79 Resp: 626813

Ion	Ratio	Lower	Upper
79	100		
52	58.1	45.4	68.2
51	28.0	22.6	33.8

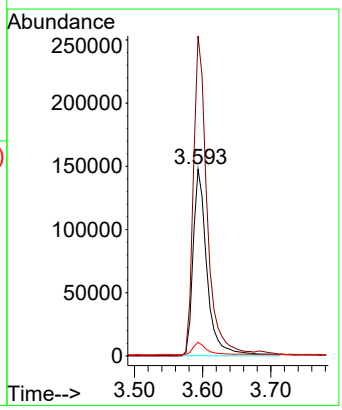


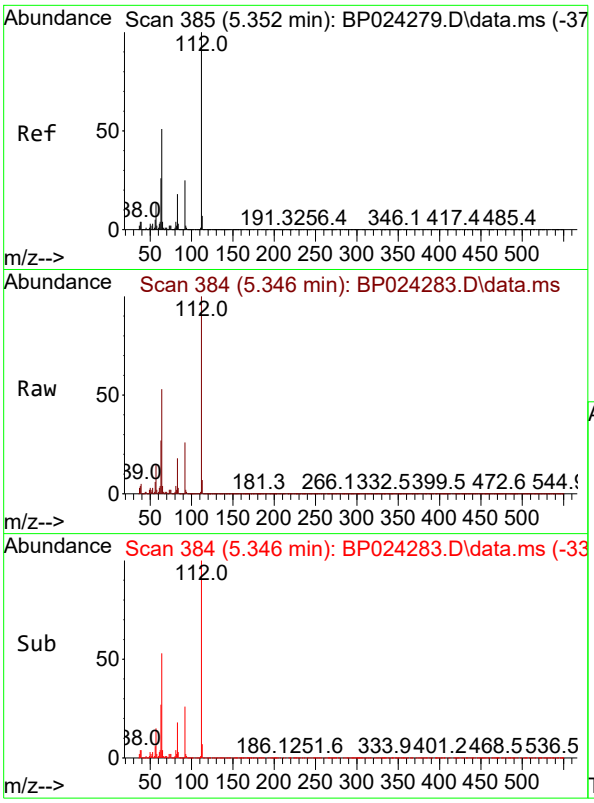


#4
n-Nitrosodimethylamine
Concen: 40.205 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 42 Resp: 209326

Ion	Ratio	Lower	Upper
42	100		
74	171.4	139.5	209.3
44	7.3	5.8	8.8



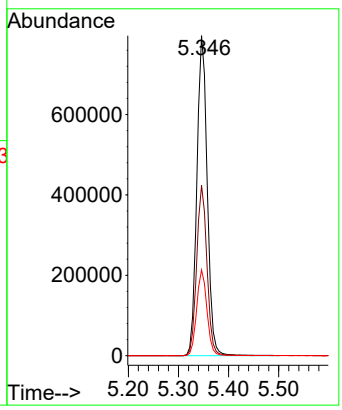


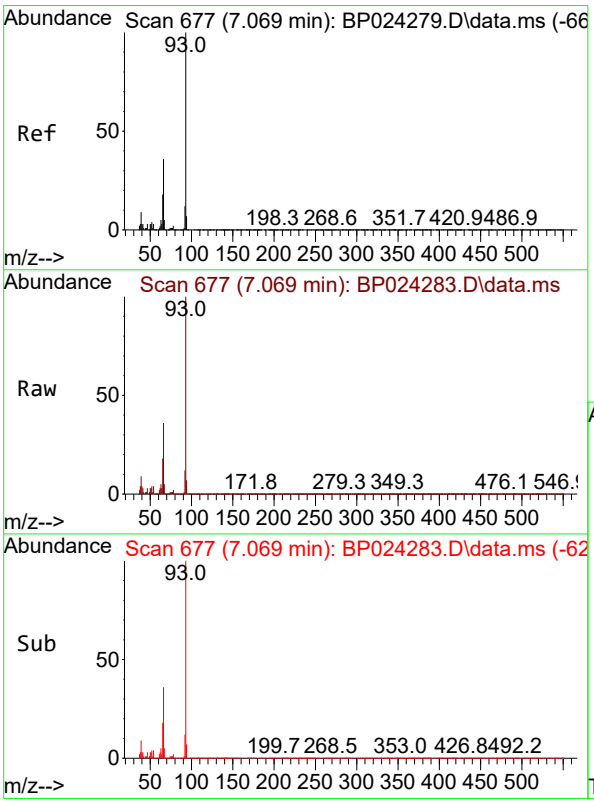
#5
2-Fluorophenol
Concen: 81.302 ng
RT: 5.346 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:112 Resp: 1141956

Ion	Ratio	Lower	Upper
112	100		
64	53.2	41.1	61.7
63	26.8	20.6	30.8

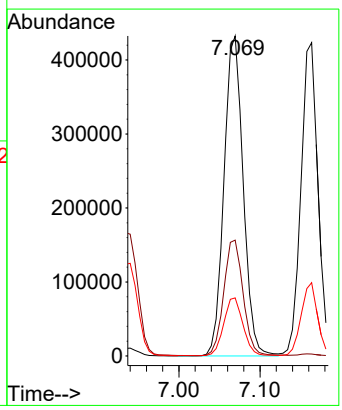


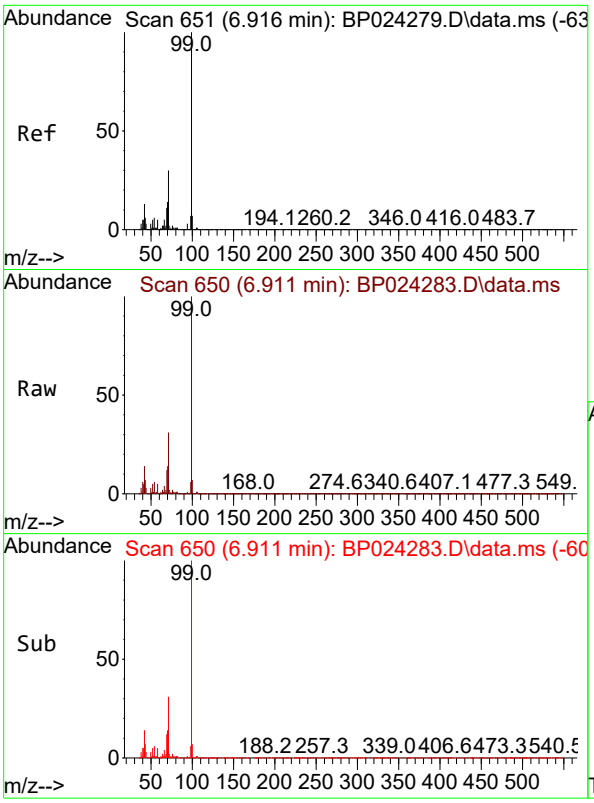


#6
Aniline
Concen: 41.370 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 93 Resp: 710981

Ion	Ratio	Lower	Upper
93	100		
66	36.2	29.1	43.7
65	18.2	14.7	22.1



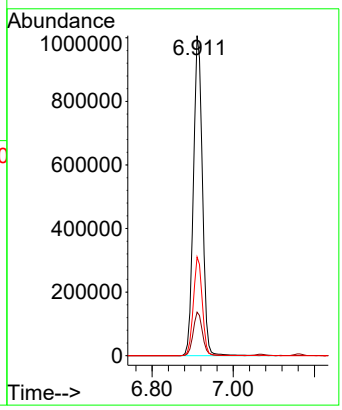


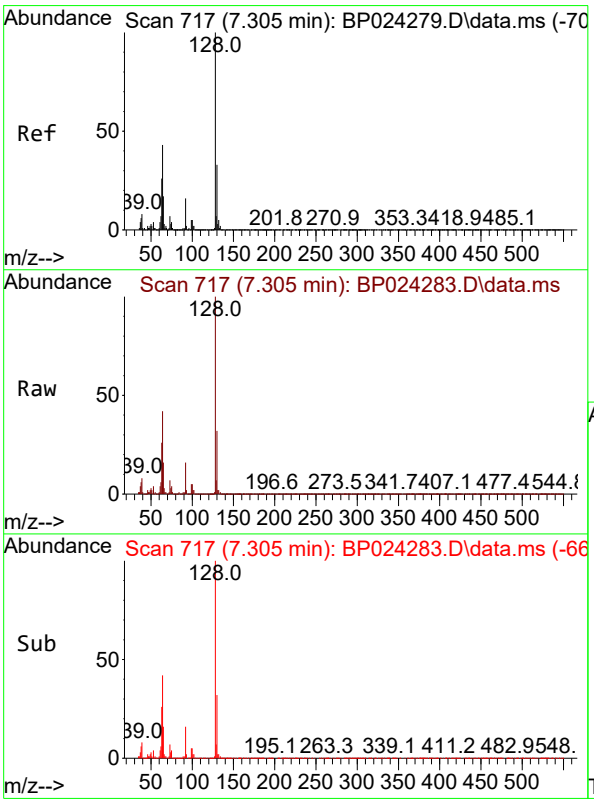
#7
Phenol-d6
Concen: 81.063 ng
RT: 6.911 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 99 Resp: 1559050

Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.6	16.0
71	30.9	23.7	35.5

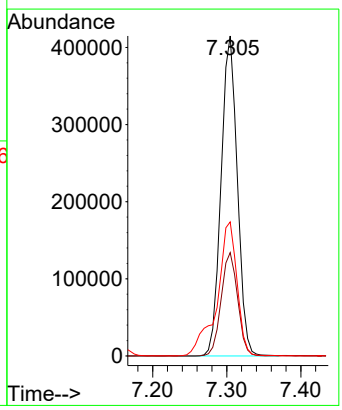


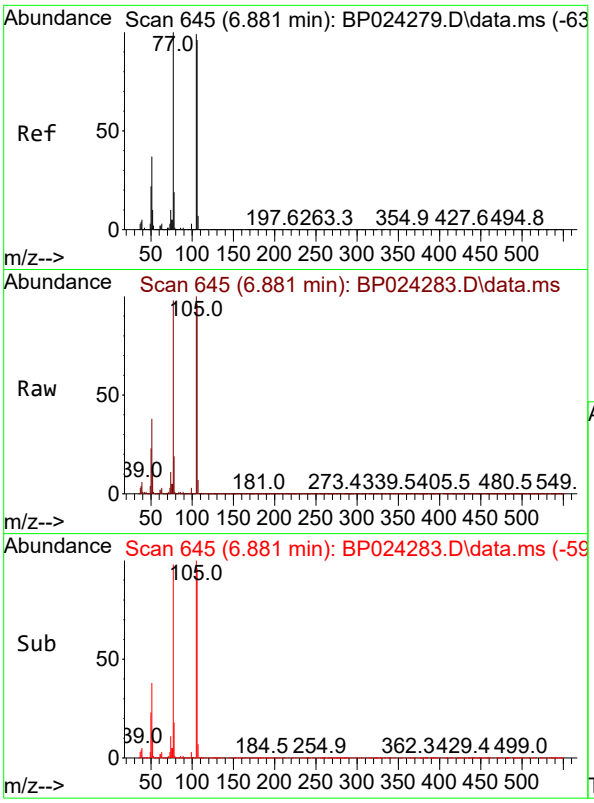


#8
2-Chlorophenol
Concen: 40.334 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:128 Resp: 632515

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	41.9	22.7	62.7



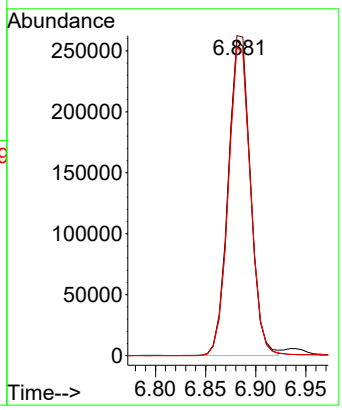


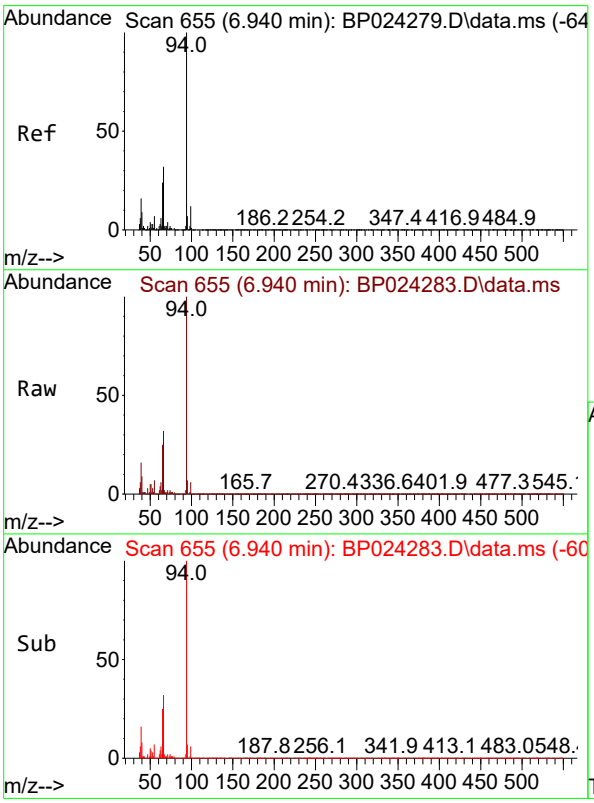
#9
Benzaldehyde
Concen: 42.024 ng
RT: 6.881 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 77 Resp: 399803

Ion	Ratio	Lower	Upper
77	100		
105	101.7	79.2	119.2
106	98.0	76.2	116.2

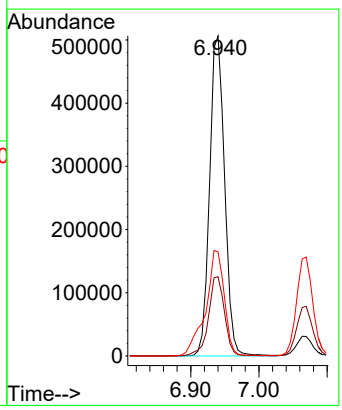


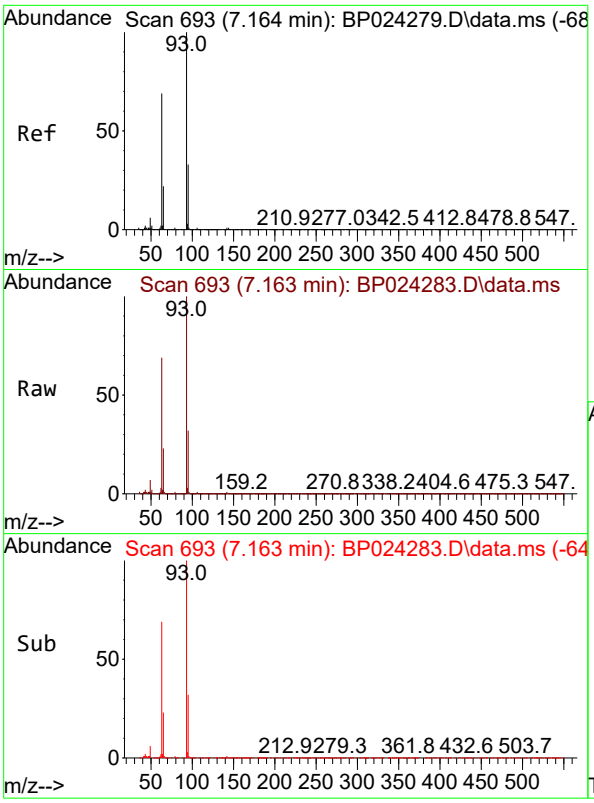


#10
Phenol
Concen: 40.306 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 94 Resp: 777631

Ion	Ratio	Lower	Upper
94	100		
65	24.7	4.5	44.5
66	32.5	12.4	52.4



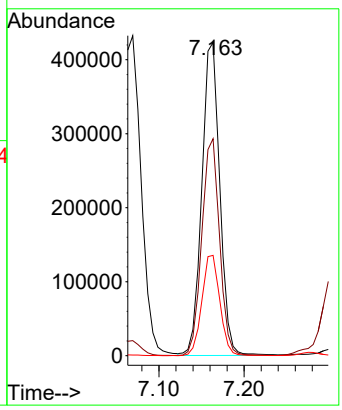


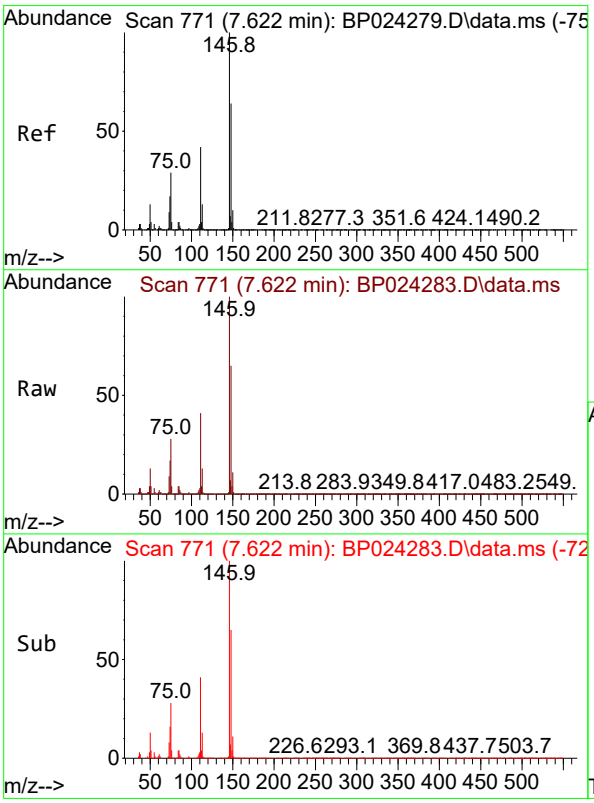
#11
bis(2-Chloroethyl)ether
Concen: 39.902 ng
RT: 7.163 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 93 Resp: 620261

Ion	Ratio	Lower	Upper
93	100		
63	69.2	48.6	88.6
95	32.0	12.3	52.3

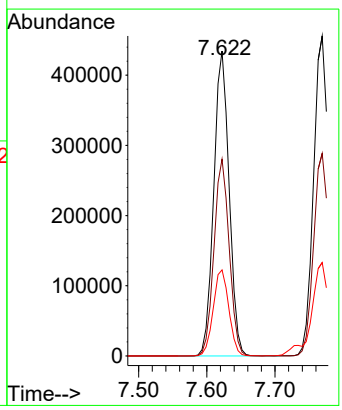


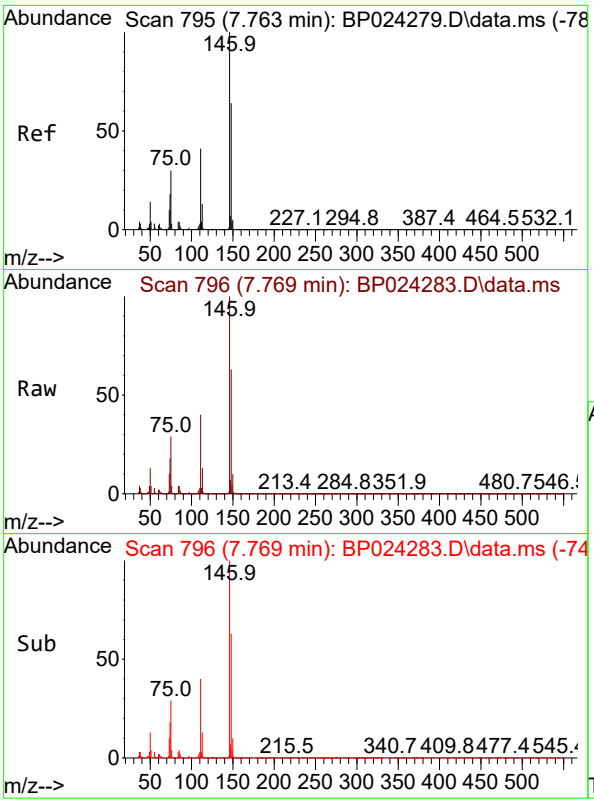


#12
1,3-Dichlorobenzene
Concen: 40.298 ng
RT: 7.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:146 Resp: 680343

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	28.2	22.9	34.3



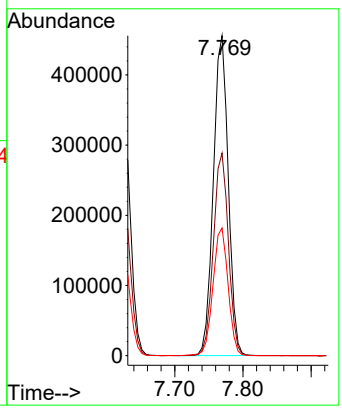


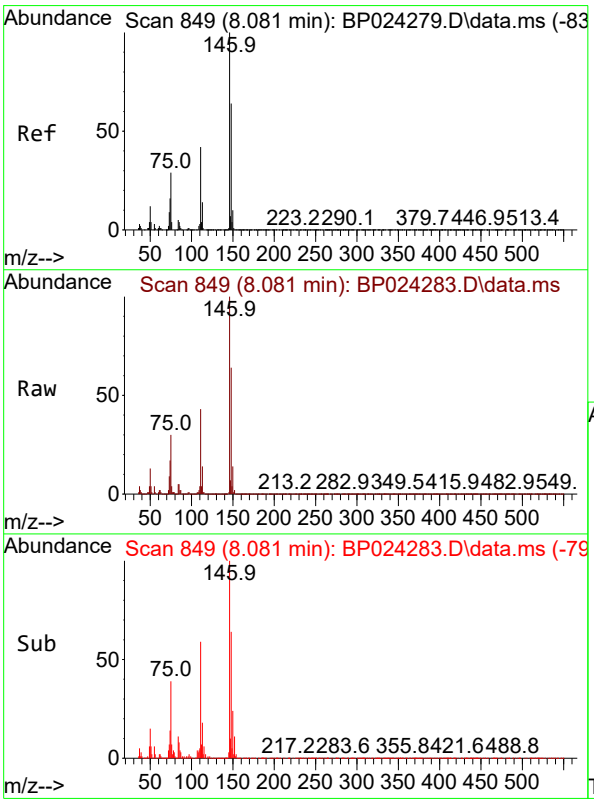
#13
1,4-Dichlorobenzene
Concen: 40.516 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:146 Resp: 694020

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	39.9	32.6	48.8

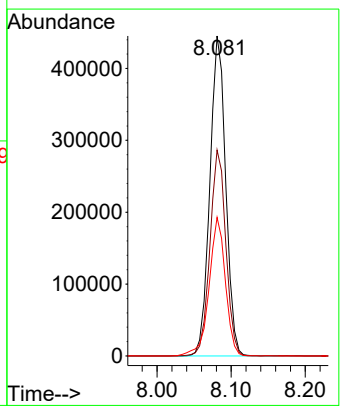


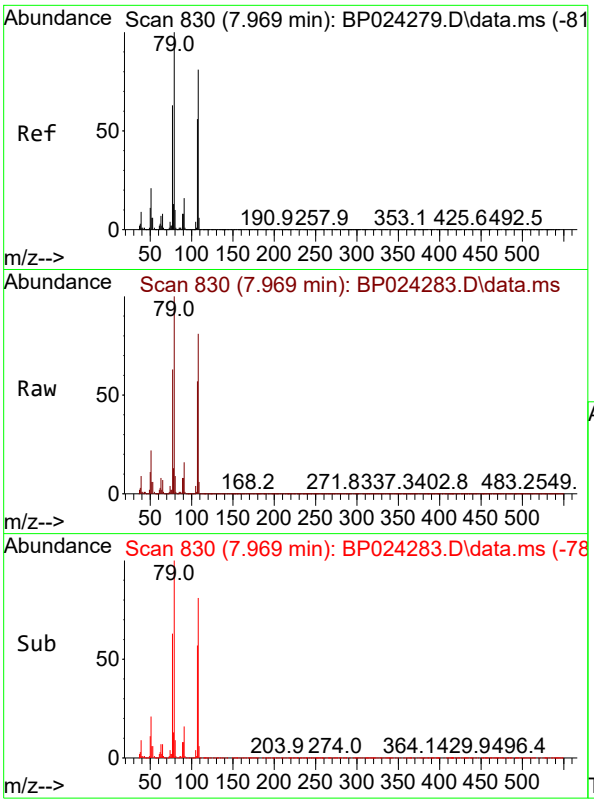


#14
1,2-Dichlorobenzene
Concen: 39.898 ng
RT: 8.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:146 Resp: 659947

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
111	43.3	33.8	50.8



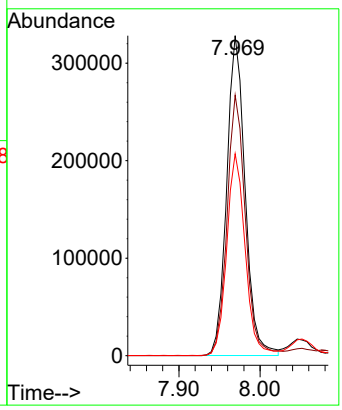


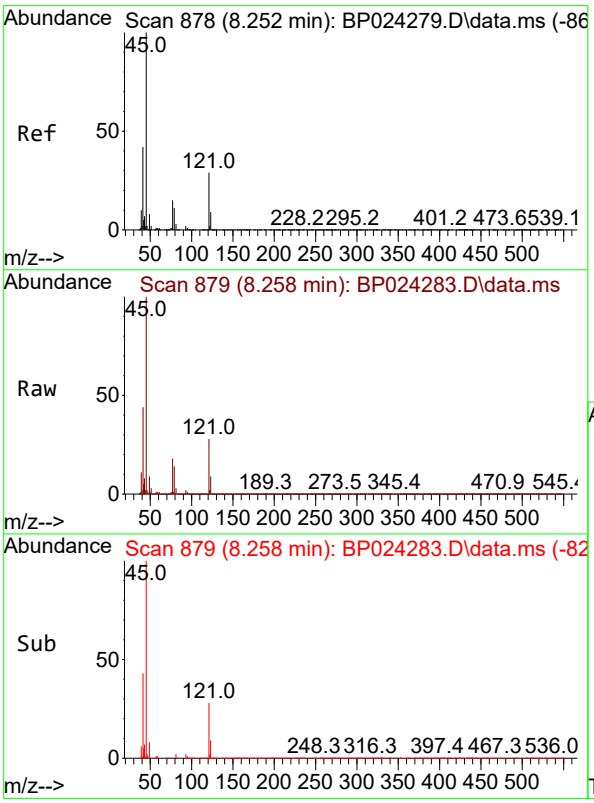
#15
Benzyl Alcohol
Concen: 41.621 ng
RT: 7.969 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 79 Resp: 517678

Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	63.1	50.7	76.1

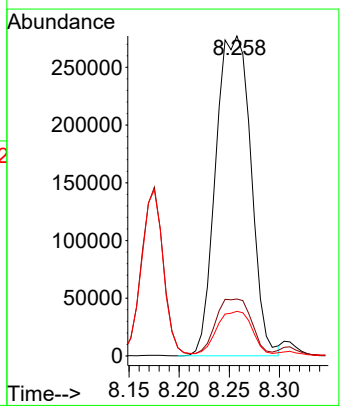


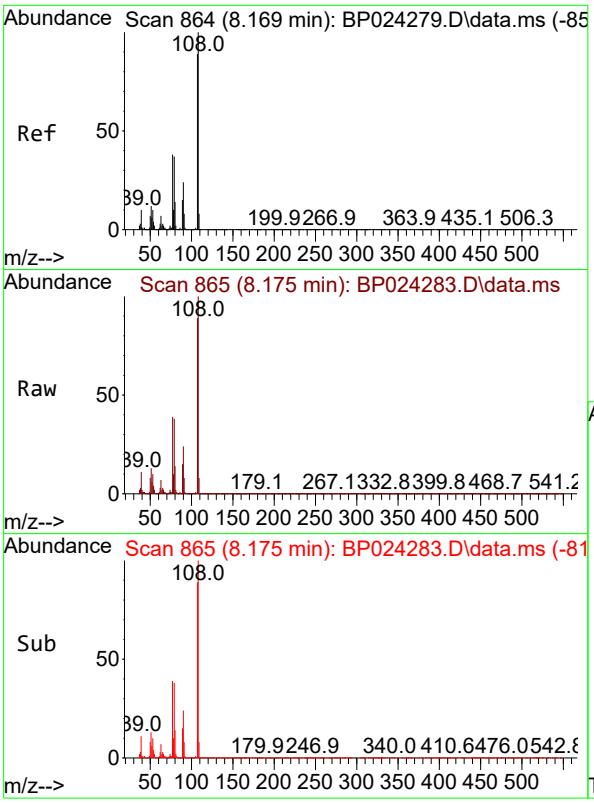


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.173 ng
RT: 8.258 min Scan# 879
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 45 Resp: 674999

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.7
79	13.9	0.0	33.5



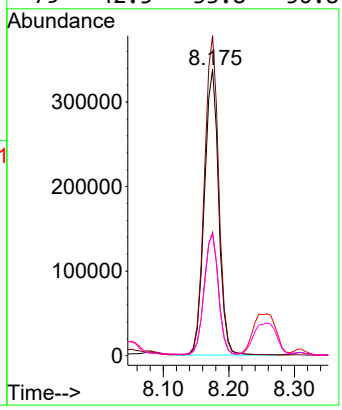


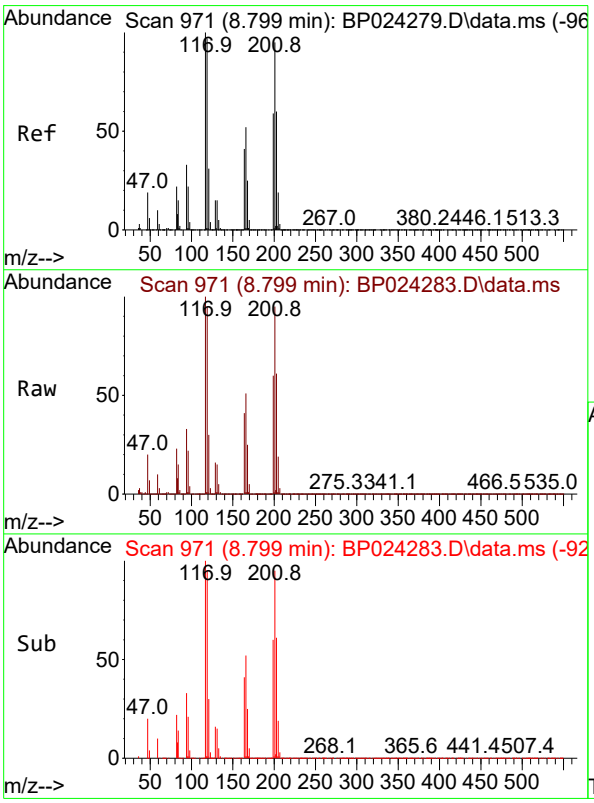
#17
2-Methylphenol
Concen: 41.046 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:107 Resp: 512292

Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.8	134.6
77	43.2	34.2	51.4
79	42.5	33.8	50.8

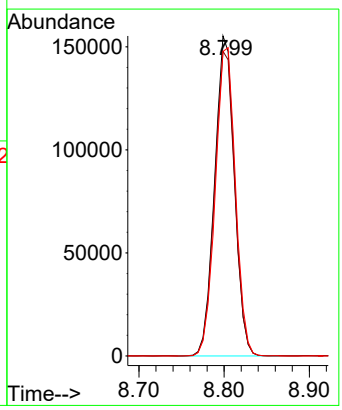


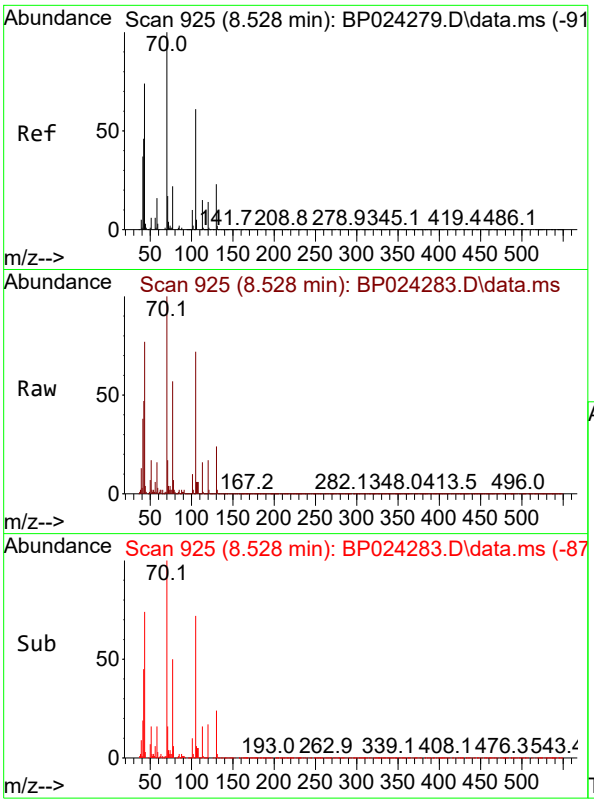


#18
Hexachloroethane
Concen: 40.522 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:117 Resp: 250852

Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.8	116.6
201	95.1	75.9	113.9



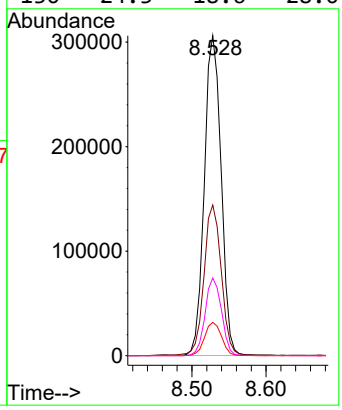


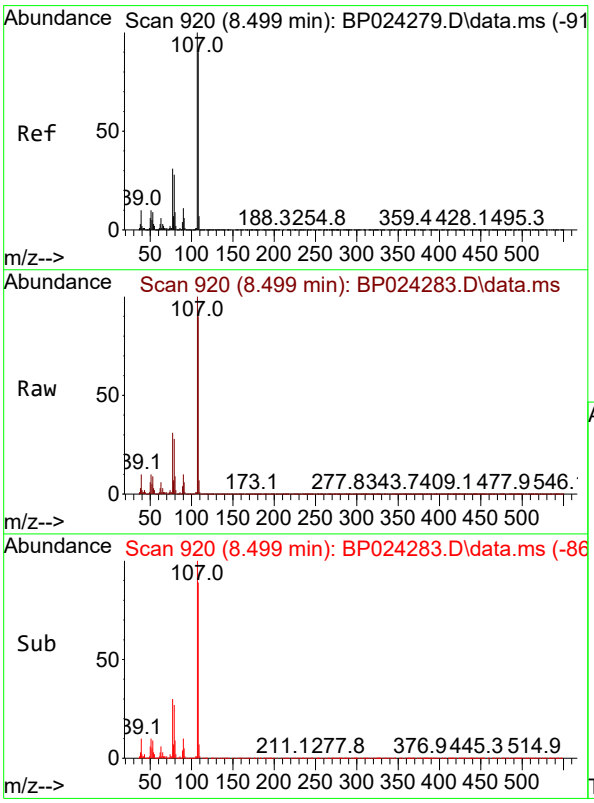
#19
n-Nitroso-di-n-propylamine
Concen: 40.471 ng
RT: 8.528 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 70 Resp: 481540

Ion	Ratio	Lower	Upper
70	100		
42	47.1	37.3	55.9
101	10.4	8.2	12.4
130	24.3	18.6	28.0

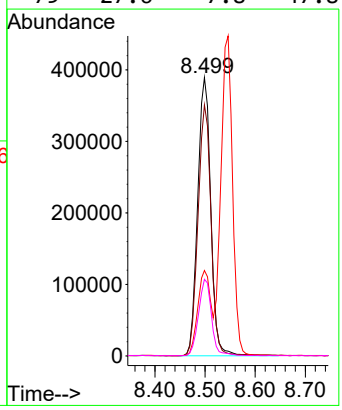


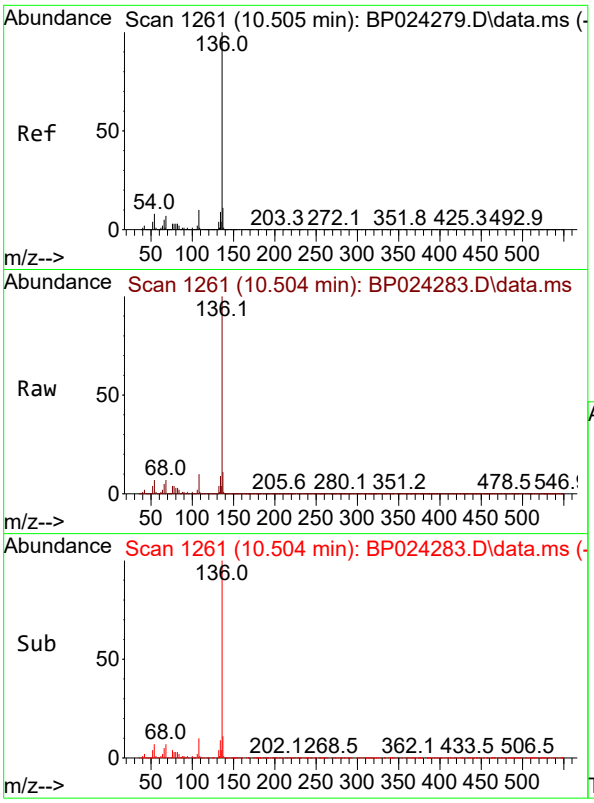


#20
3+4-Methylphenols
Concen: 40.810 ng
RT: 8.499 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:107 Resp: 706733

Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.8	109.8
77	30.7	11.5	51.5
79	27.6	7.8	47.8



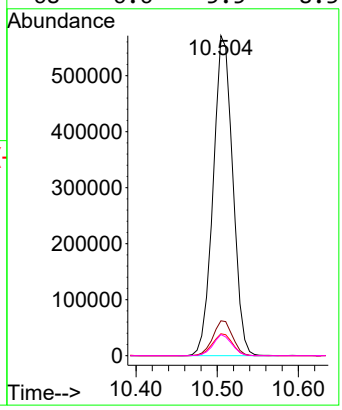


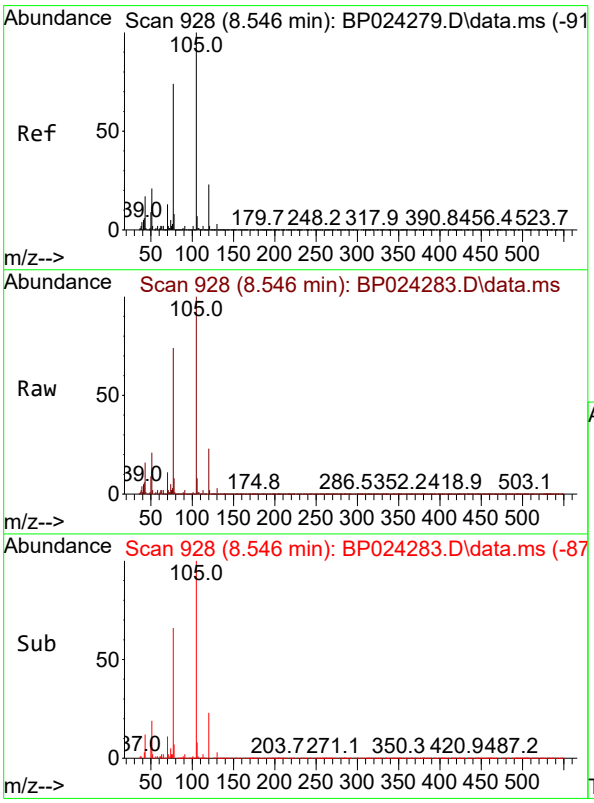
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:136 Resp: 956448

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.8	6.0	9.0
68	6.6	5.5	8.3

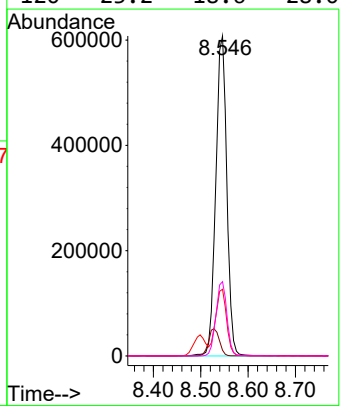


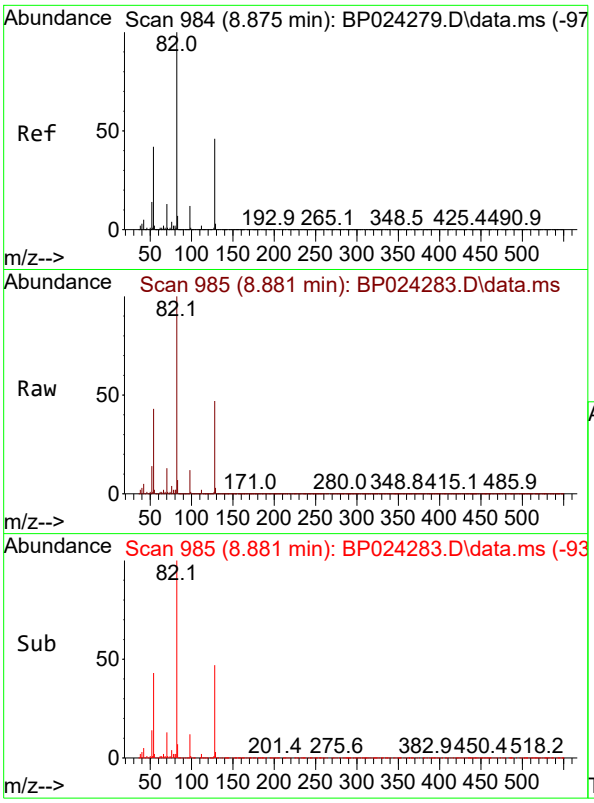


#22
Acetophenone
Concen: 41.652 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:105 Resp: 986019

Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.7	2.5
51	20.8	16.9	25.3
120	23.2	18.6	28.0



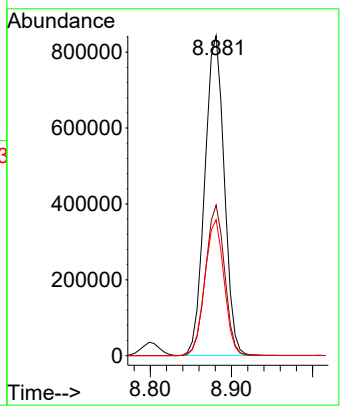


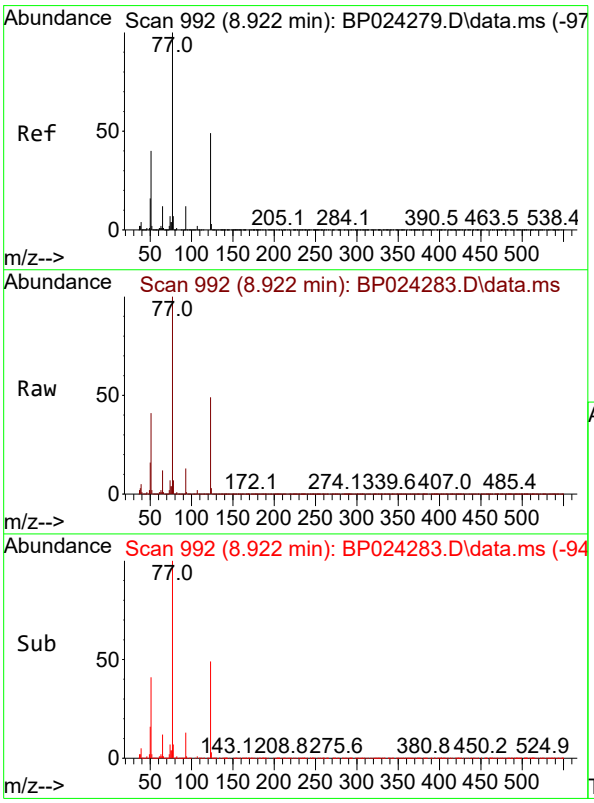
#23
Nitrobenzene-d5
Concen: 83.531 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 82 Resp: 1401115

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.5	54.7
54	42.5	33.4	50.2

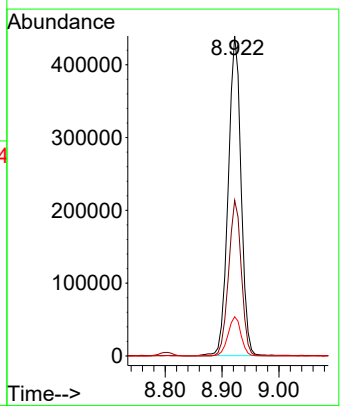


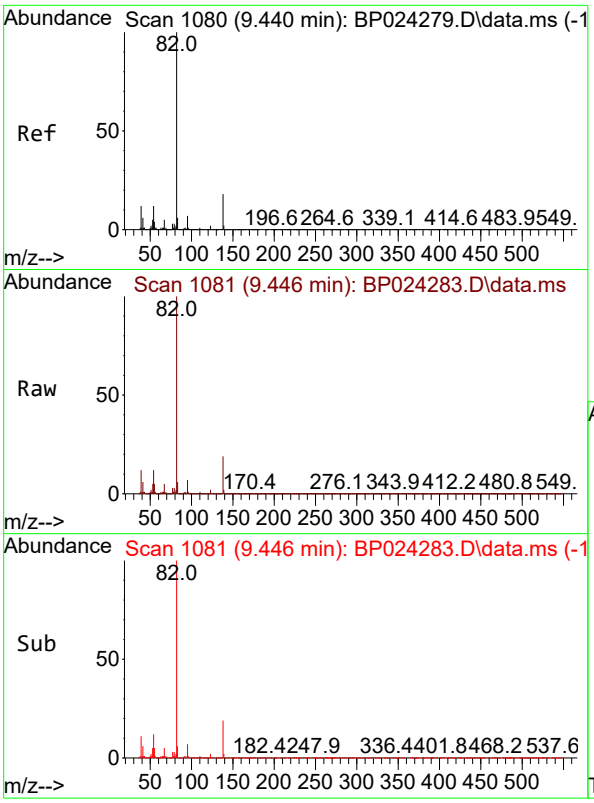


#24
Nitrobenzene
Concen: 41.537 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 77 Resp: 689231

Ion	Ratio	Lower	Upper
77	100		
123	48.7	39.2	58.8
65	12.2	9.8	14.6



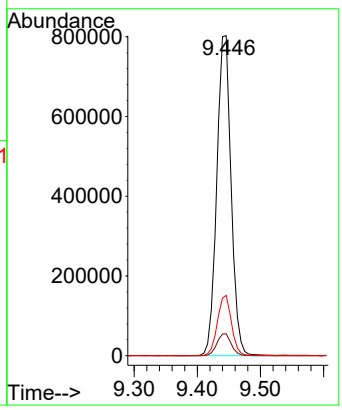


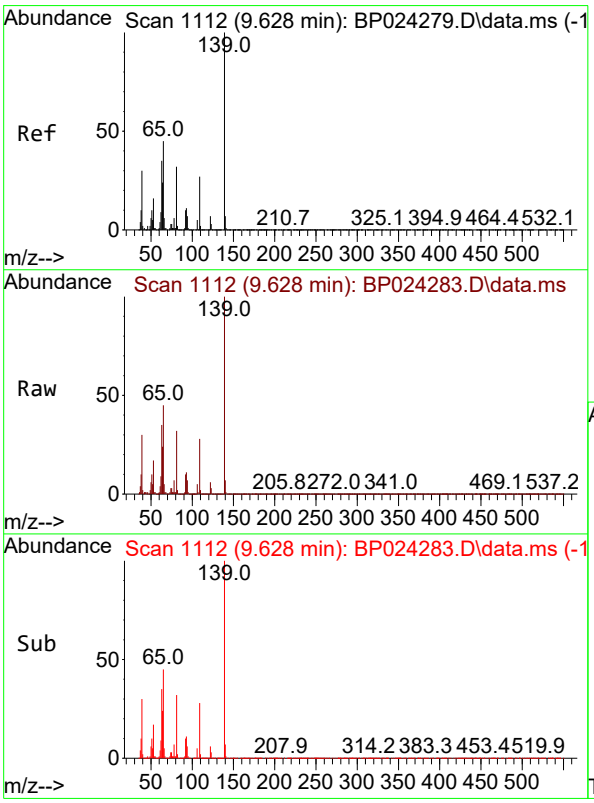
#25
Isophorone
Concen: 41.648 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 82 Resp: 1264480

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	18.8	14.4	21.6

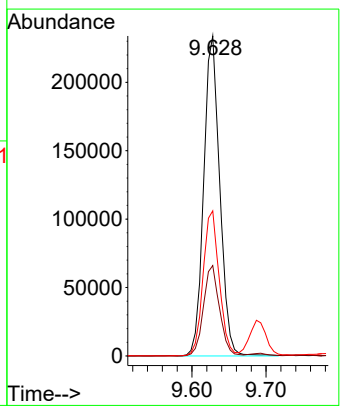


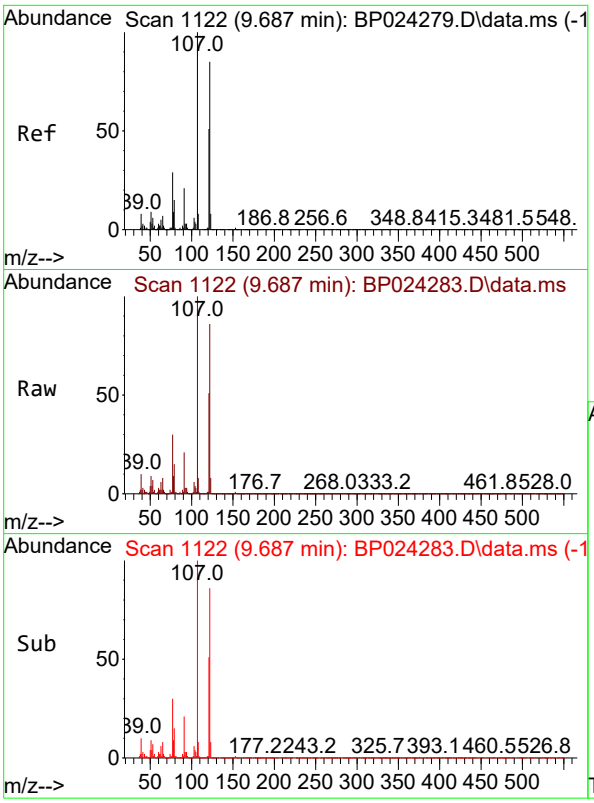


#26
2-Nitrophenol
Concen: 43.376 ng
RT: 9.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:139 Resp: 352229

Ion	Ratio	Lower	Upper
139	100		
109	28.2	21.8	32.6
65	45.3	36.2	54.2



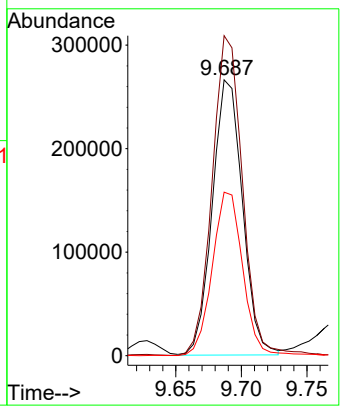


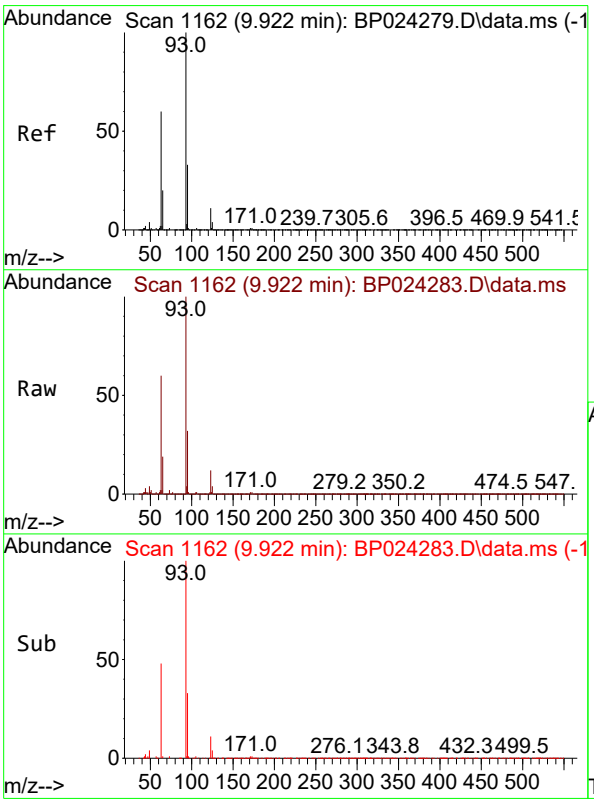
#27
2,4-Dimethylphenol
Concen: 41.689 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:122 Resp: 425062

Ion	Ratio	Lower	Upper
122	100		
107	116.0	93.7	140.5
121	59.3	48.2	72.2

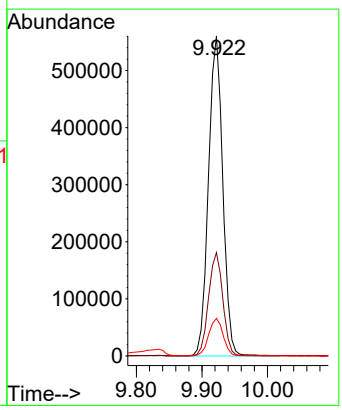


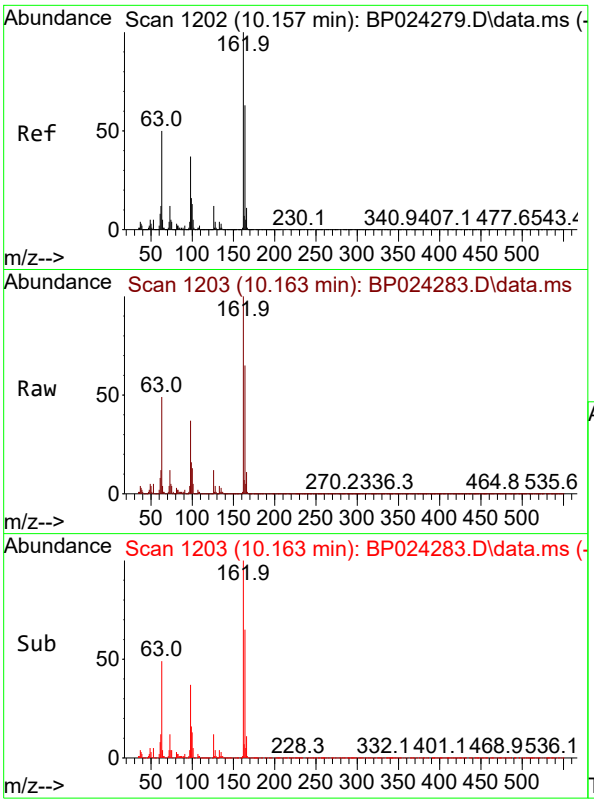


#28
bis(2-Chloroethoxy)methane
Concen: 41.402 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 93 Resp: 849161

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	11.7	9.1	13.7



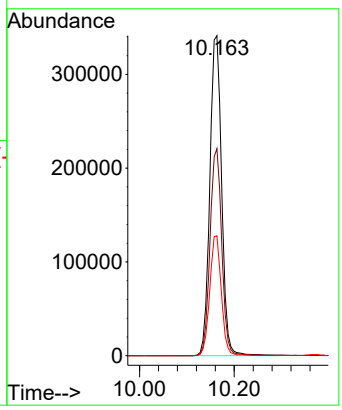


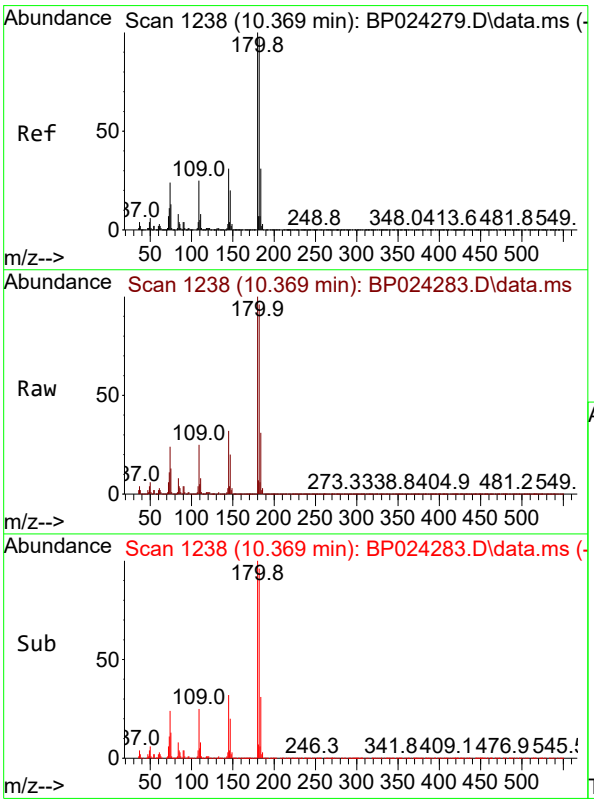
#29
2,4-Dichlorophenol
Concen: 42.461 ng
RT: 10.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:162 Resp: 590306

Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.3	83.3
98	37.4	16.6	56.6

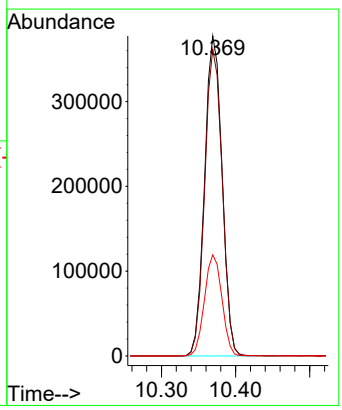


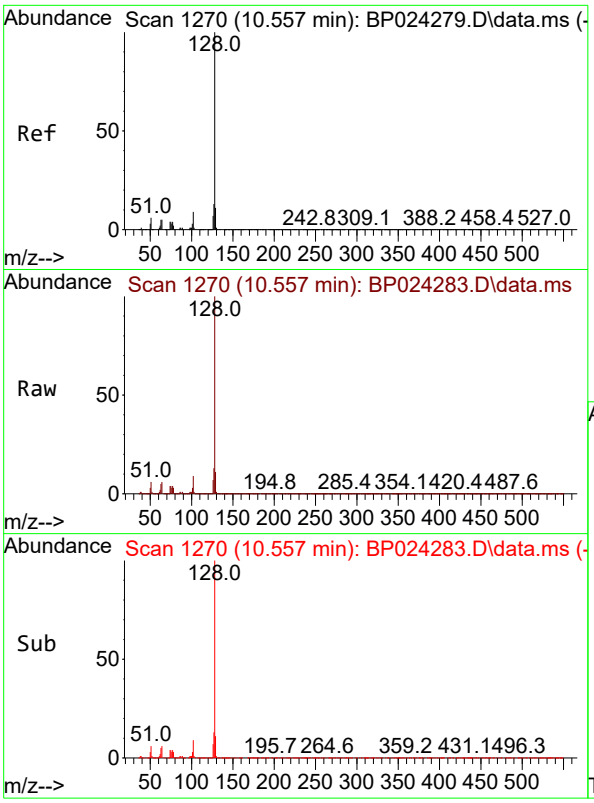


#30
1,2,4-Trichlorobenzene
Concen: 41.612 ng
RT: 10.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:180 Resp: 619818

Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.3	115.9
145	31.6	25.1	37.7



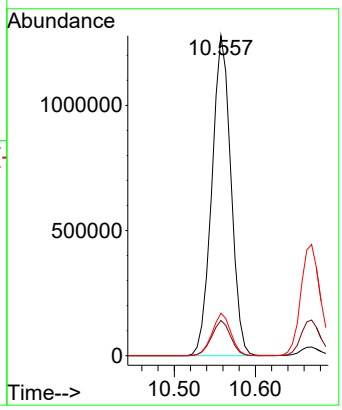


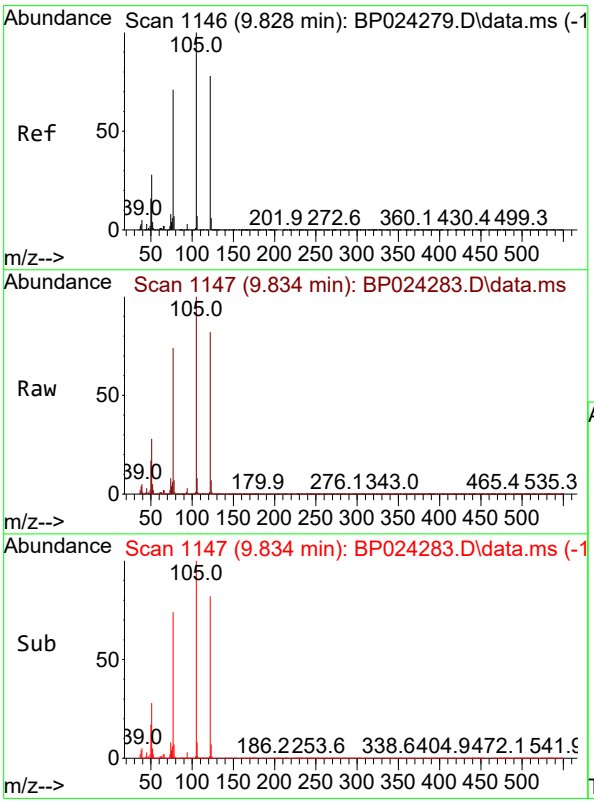
#31
Naphthalene
Concen: 41.386 ng
RT: 10.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:128 Resp: 2085090

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.2	10.3	15.5

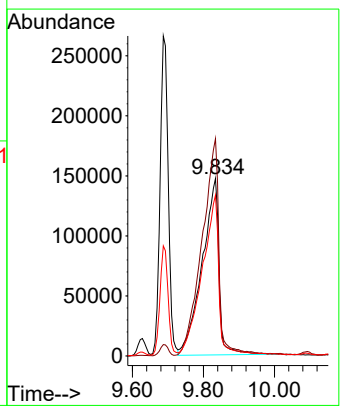


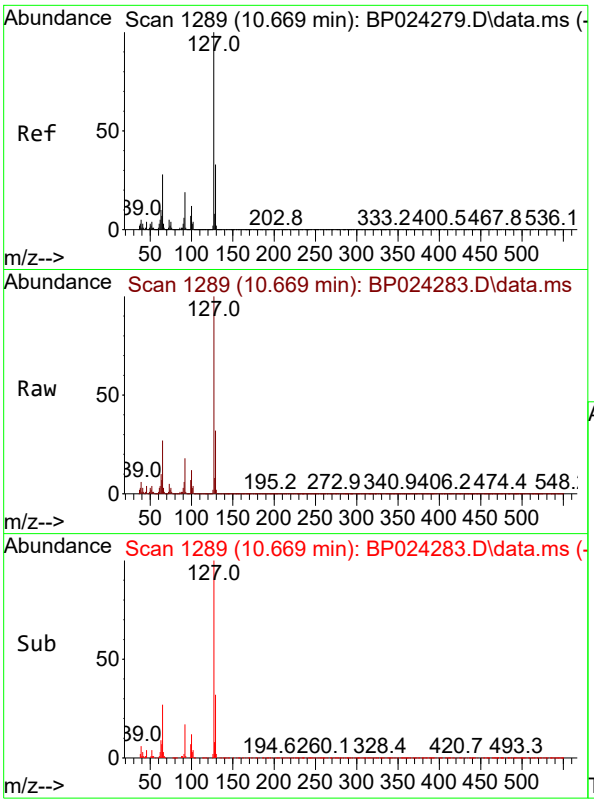


#32
Benzoic acid
Concen: 40.959 ng
RT: 9.834 min Scan# 1147
Delta R.T. -0.041 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:122 Resp: 486627

Ion	Ratio	Lower	Upper
122	100		
105	122.5	104.8	144.8
77	90.6	69.2	109.2



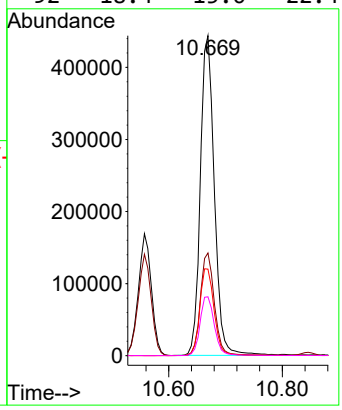


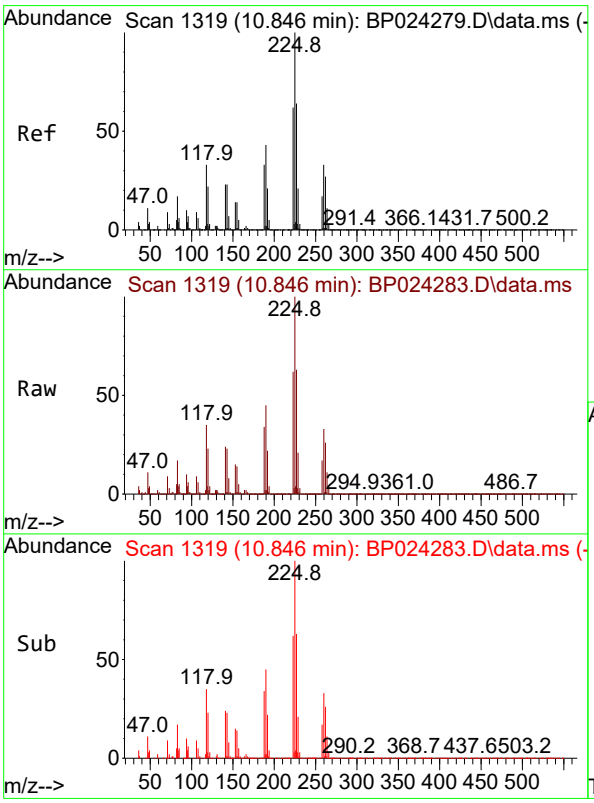
#33
4-Chloroaniline
Concen: 42.937 ng
RT: 10.669 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:127 Resp: 761817

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	27.1	22.1	33.1
92	18.4	15.0	22.4

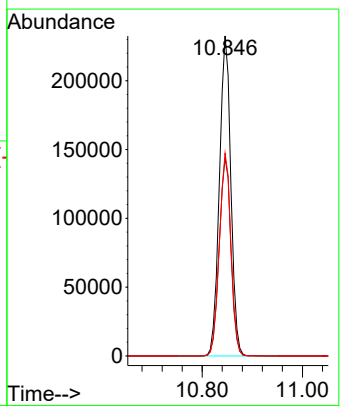


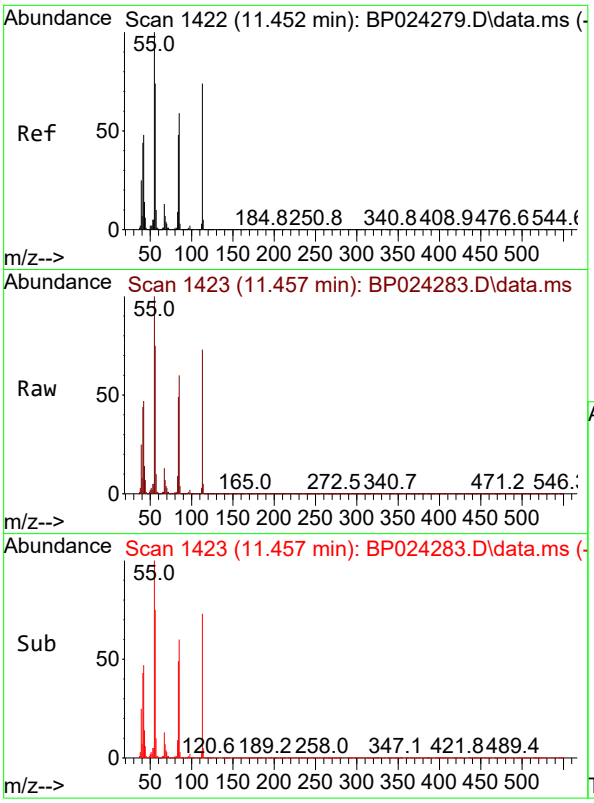


#34
Hexachlorobutadiene
Concen: 42.007 ng
RT: 10.846 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:225 Resp: 367684

Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.5	74.3
227	63.4	50.9	76.3



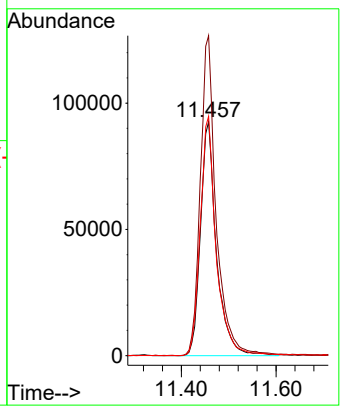


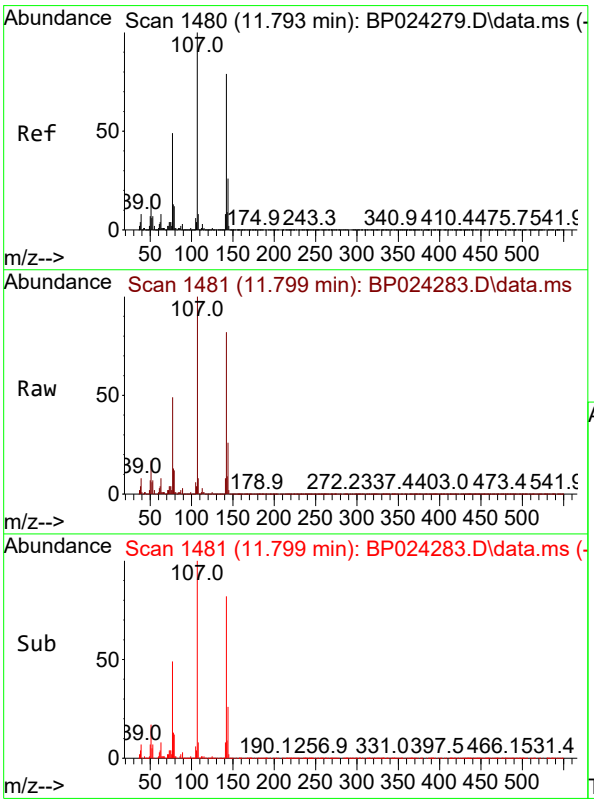
#35
Caprolactam
Concen: 42.152 ng
RT: 11.457 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:113 Resp: 216229

Ion	Ratio	Lower	Upper
113	100		
55	136.8	115.9	155.9
56	102.3	81.1	121.1

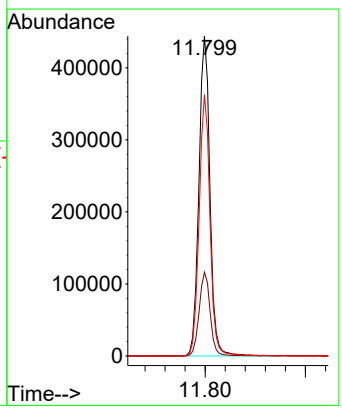


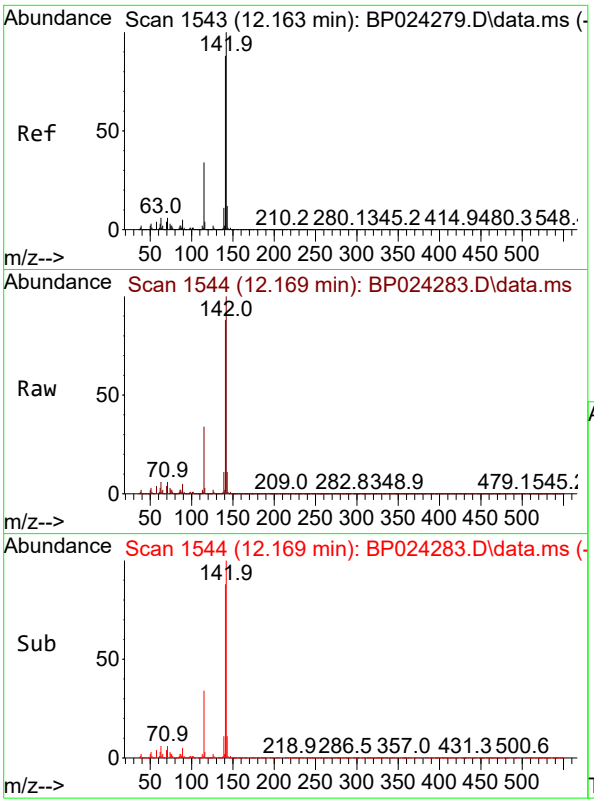


#36
4-Chloro-3-methylphenol
Concen: 41.737 ng
RT: 11.799 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:107 Resp: 675857

Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.5	30.7
142	81.6	63.4	95.2



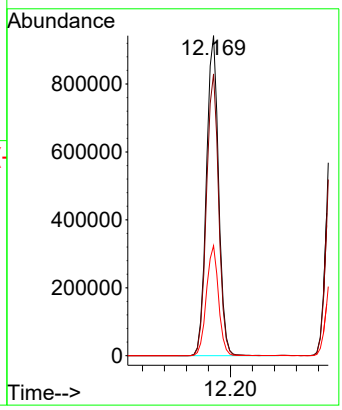


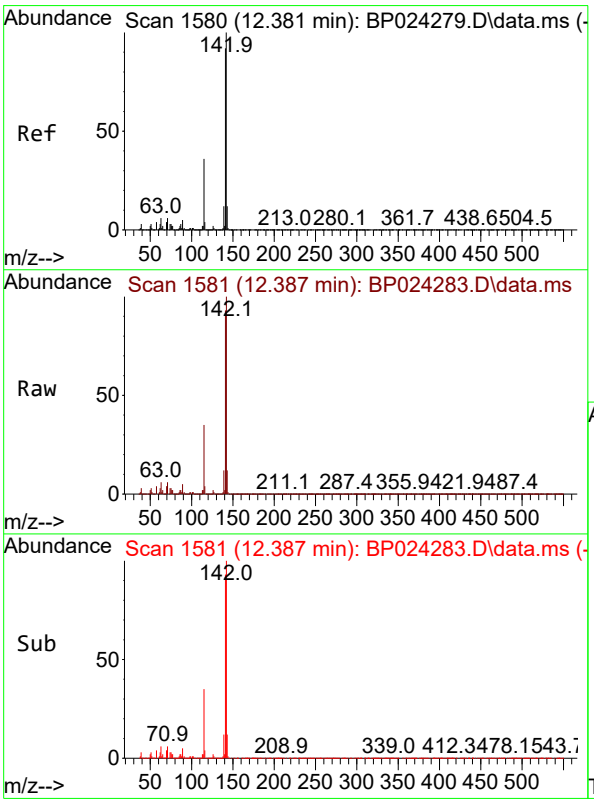
#37
2-Methylnaphthalene
Concen: 41.403 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:142 Resp: 1446647

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	34.4	26.9	40.3

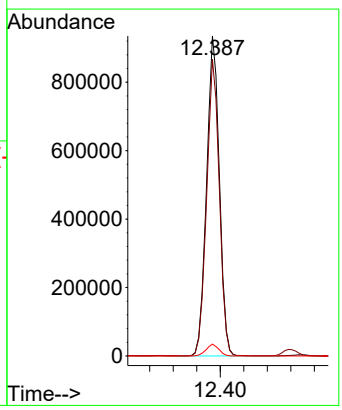


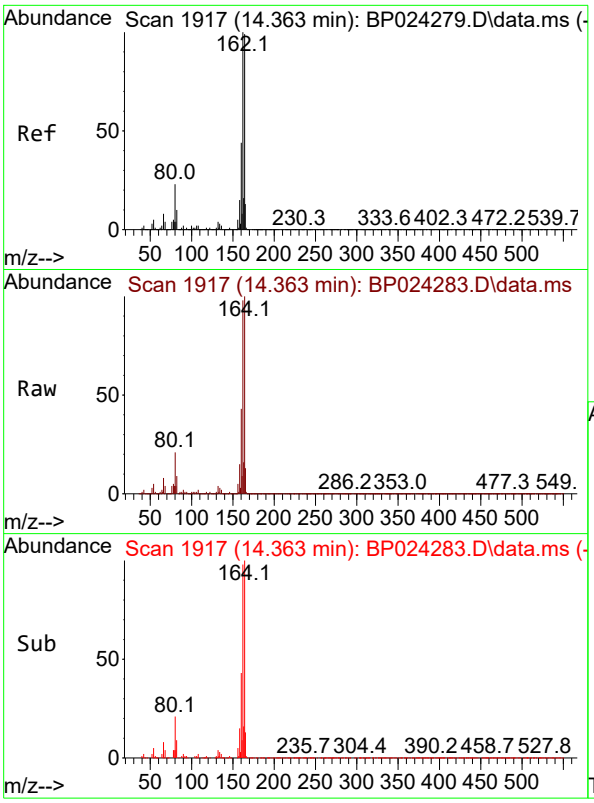


#38
1-Methylnaphthalene
Concen: 41.210 ng
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:142 Resp: 1408633

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.6	110.4
116	3.7	3.0	4.6



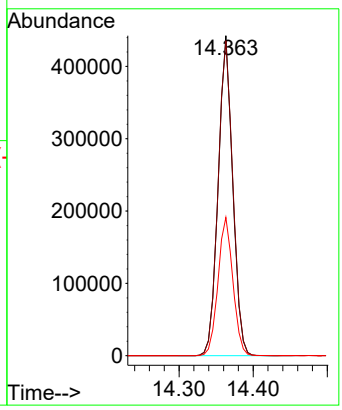


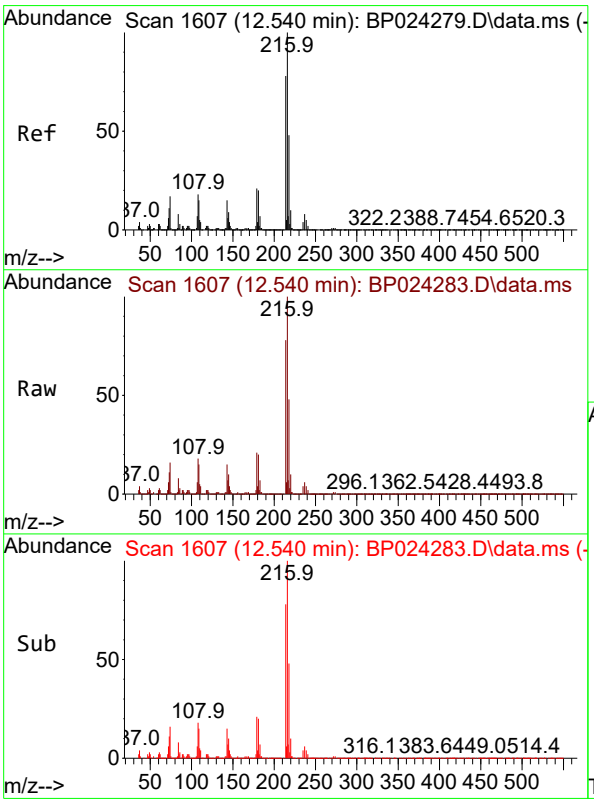
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:164 Resp: 600031

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	120.8
160	43.2	35.3	52.9

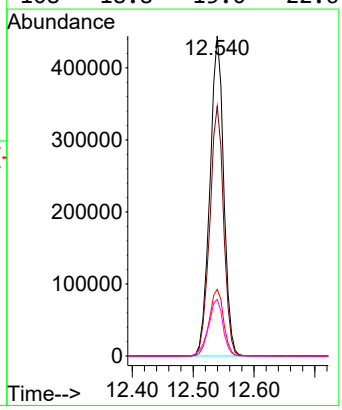


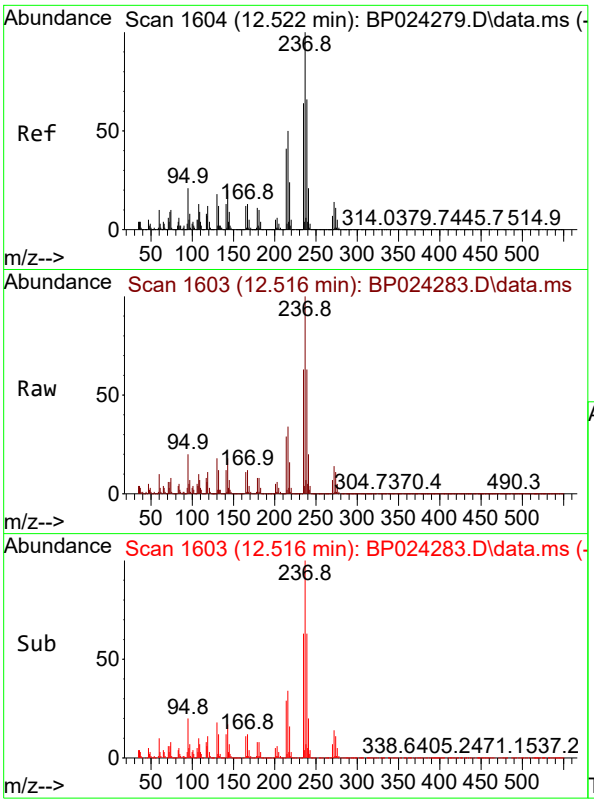


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.275 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:216 Resp: 697580

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	93.8
179	21.5	17.2	25.8
108	18.8	15.0	22.6



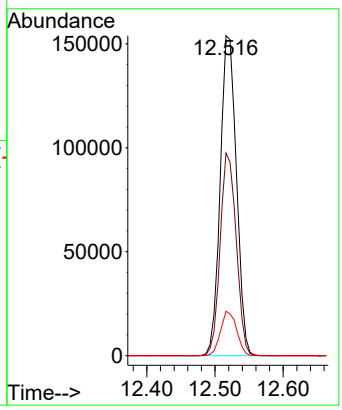


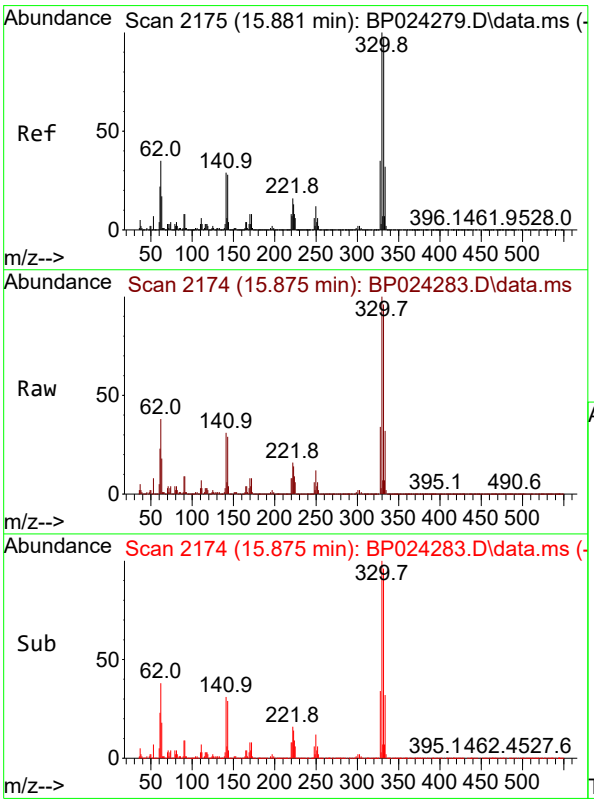
#41
Hexachlorocyclopentadiene
Concen: 43.639 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:237 Resp: 254676

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.9	83.9
272	13.9	0.0	33.6

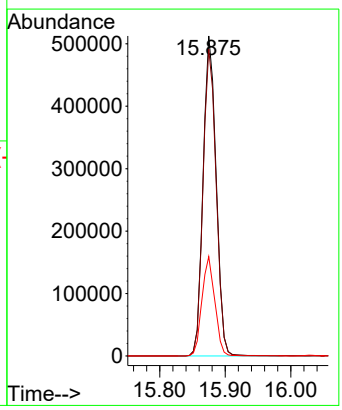


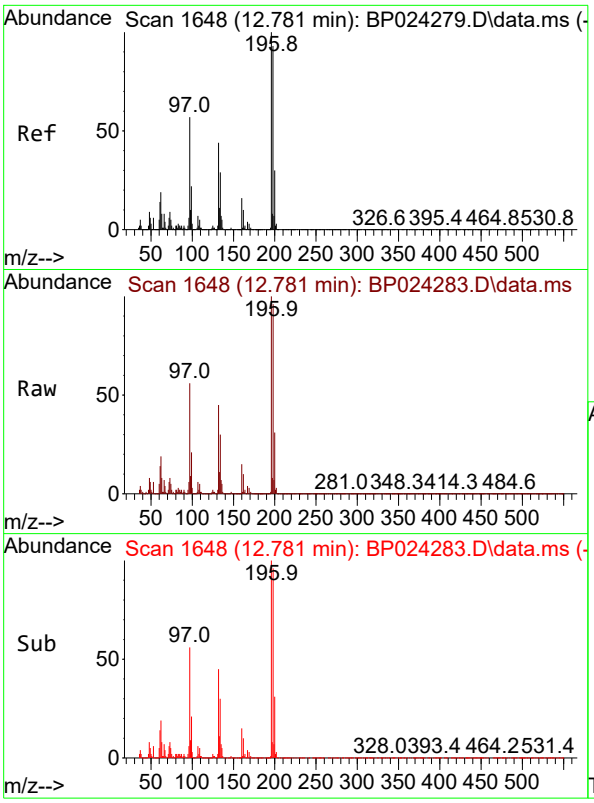


#42
2,4,6-Tribromophenol
Concen: 85.488 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:330 Resp: 709703

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	30.7	24.7	37.1



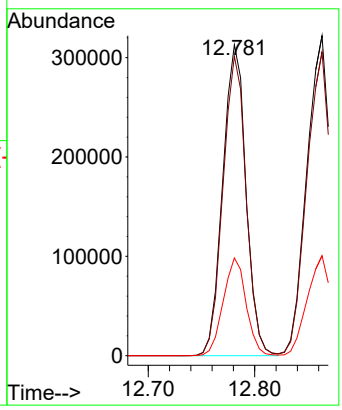


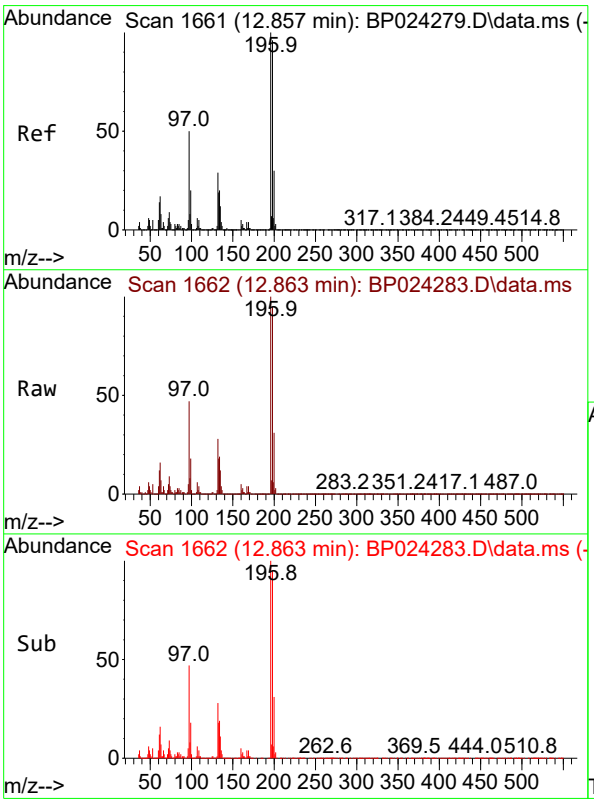
#43
2,4,6-Trichlorophenol
Concen: 43.329 ng
RT: 12.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:196 Resp: 475349

Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.3	111.5
200	31.4	24.0	36.0

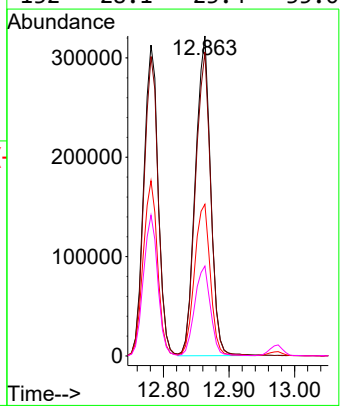


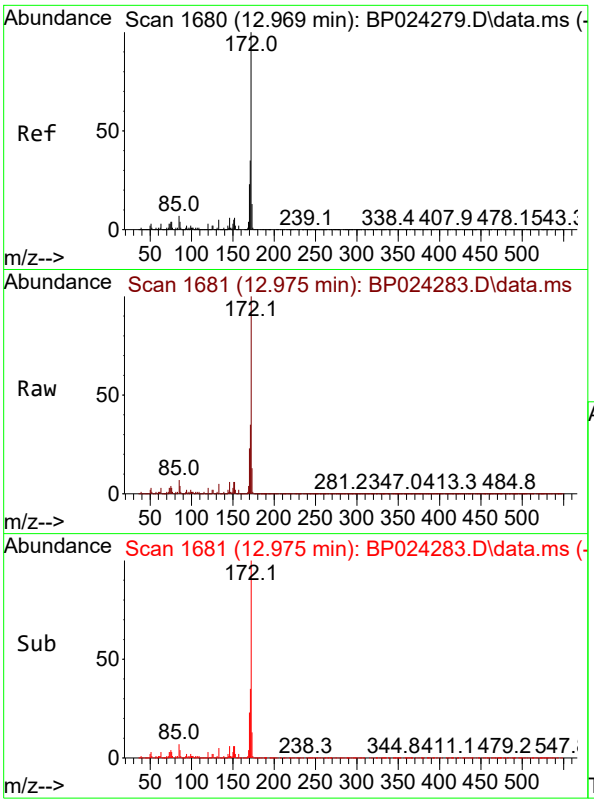


#44
2,4,5-Trichlorophenol
Concen: 42.828 ng
RT: 12.863 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:196 Resp: 520298

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.3	115.9
97	47.4	40.4	60.6
132	28.1	23.4	35.0



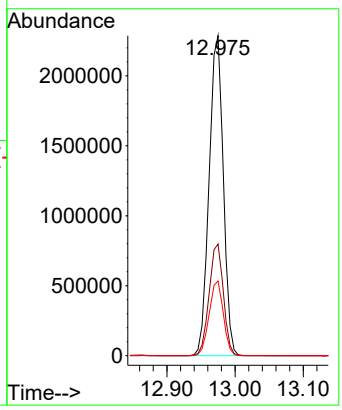


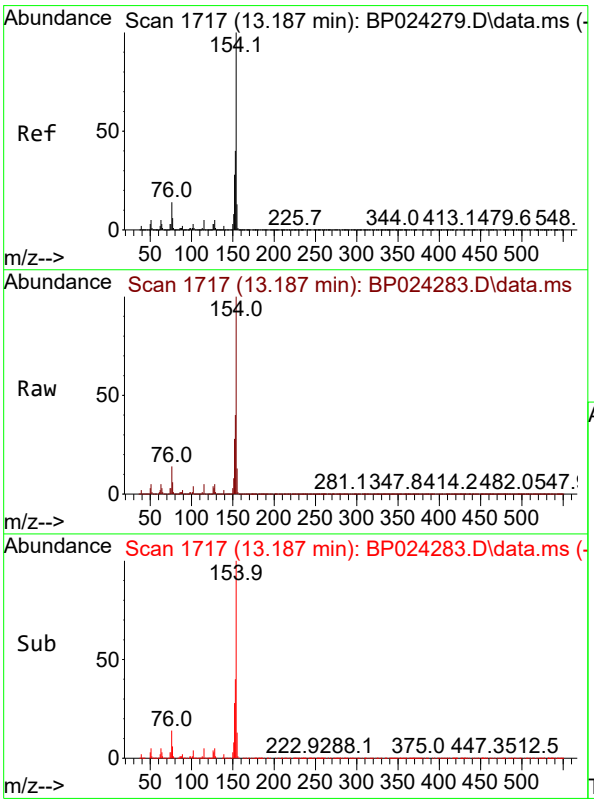
#45
2-Fluorobiphenyl
Concen: 84.715 ng
RT: 12.975 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:172 Resp: 3319933

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.3	18.6	27.8

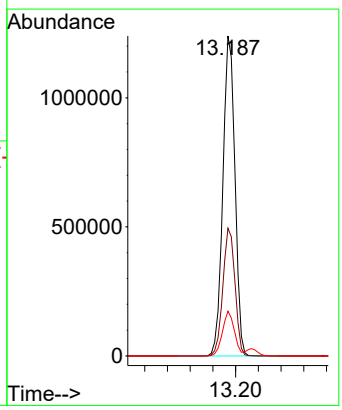


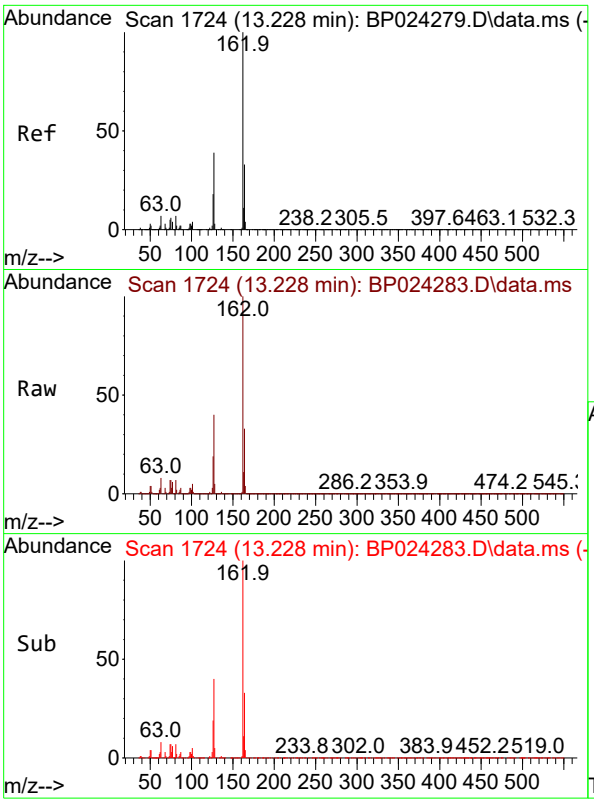


#46
1,1'-Biphenyl
Concen: 41.595 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:154 Resp: 1834570

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.3	60.3
76	14.0	0.0	33.5



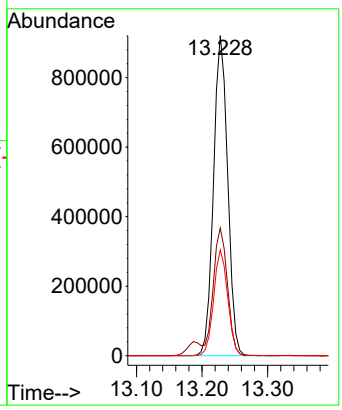


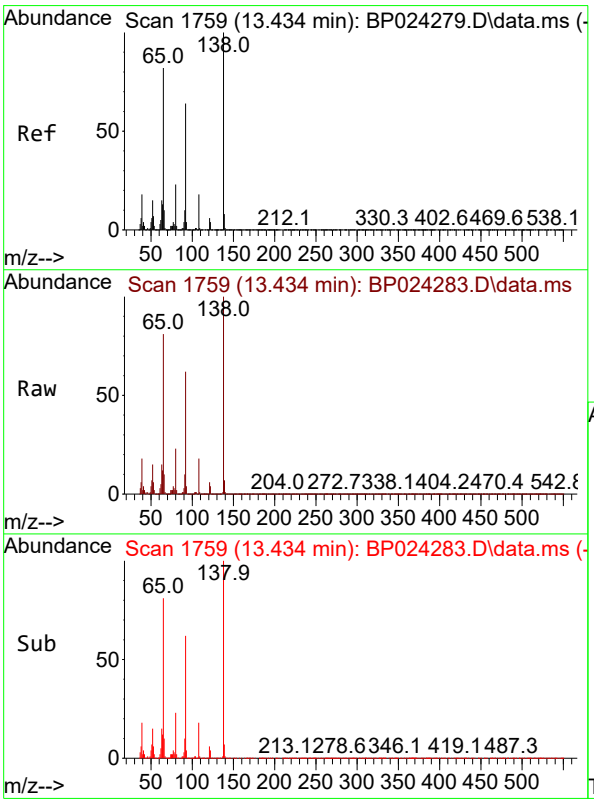
#47
2-Chloronaphthalene
Concen: 41.786 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:162 Resp: 1377424

Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.9	47.9
164	33.0	26.2	39.4

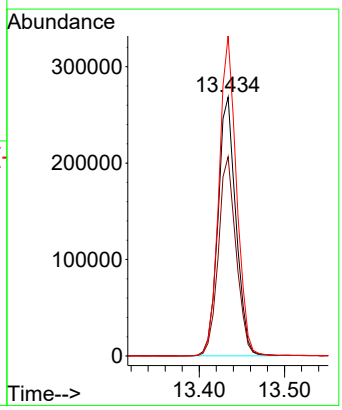


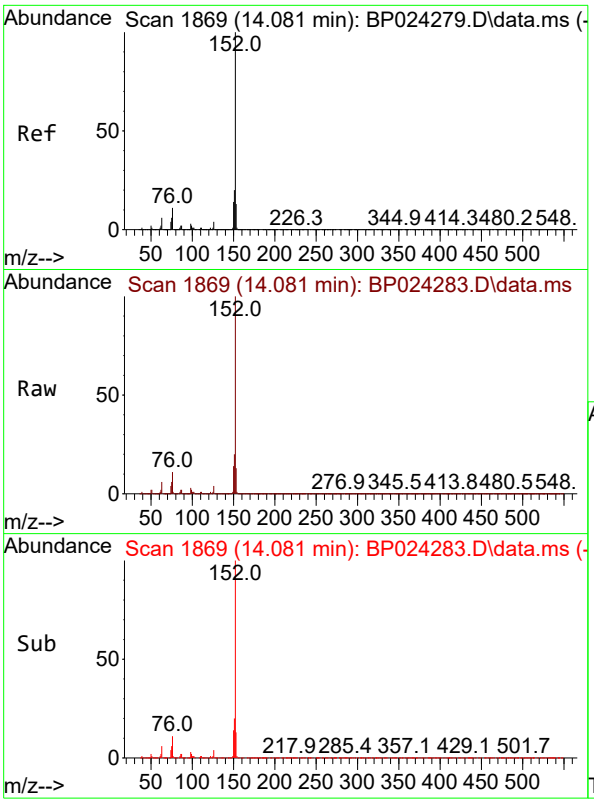


#48
2-Nitroaniline
Concen: 42.475 ng
RT: 13.434 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 65 Resp: 392742

Ion	Ratio	Lower	Upper
65	100		
92	77.0	62.3	93.5
138	123.6	97.2	145.8



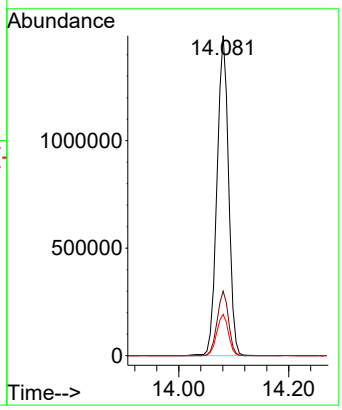


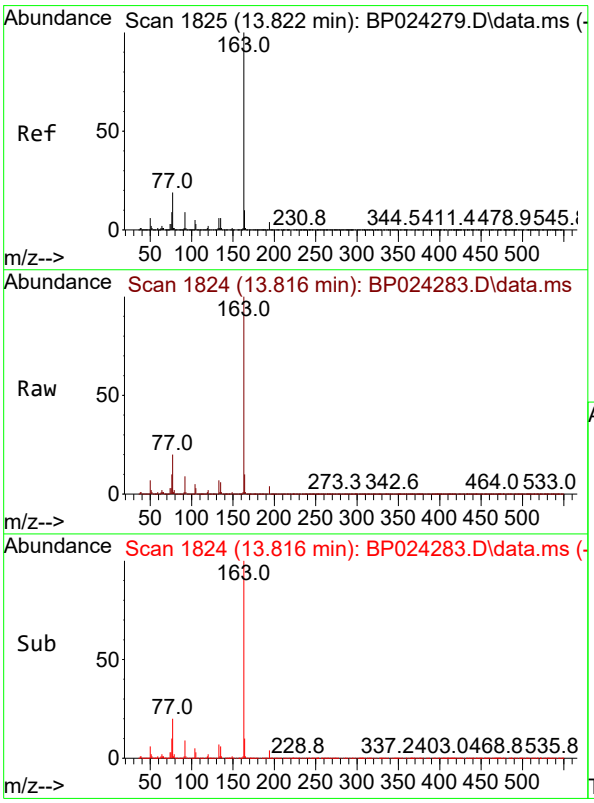
#49
Acenaphthylene
Concen: 41.783 ng
RT: 14.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:152 Resp: 2168474

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	12.9	10.6	15.8

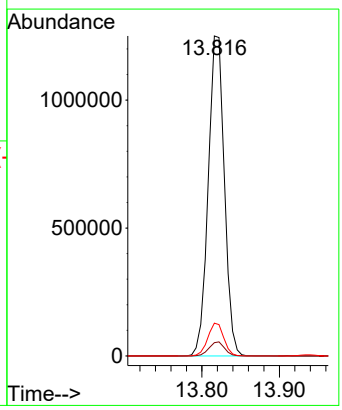


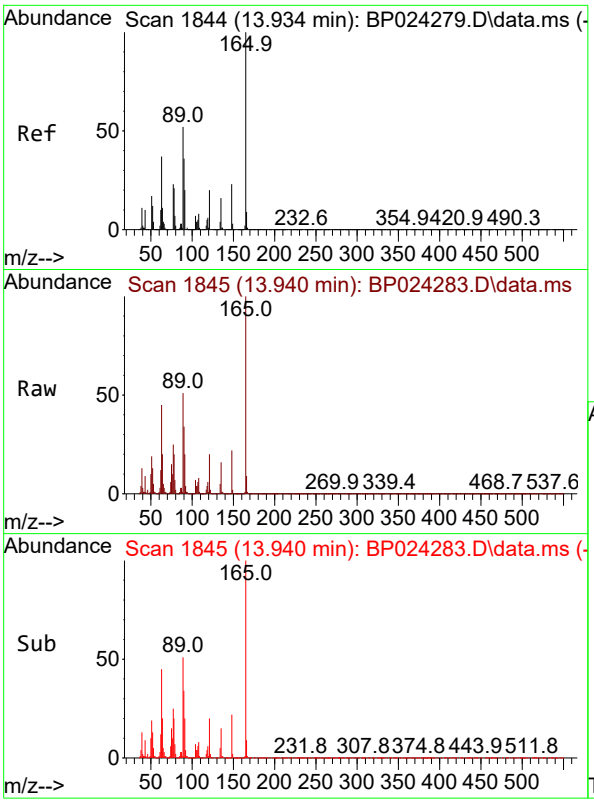


#50
Dimethylphthalate
Concen: 41.478 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:163 Resp: 1809923

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.2	8.0	12.0



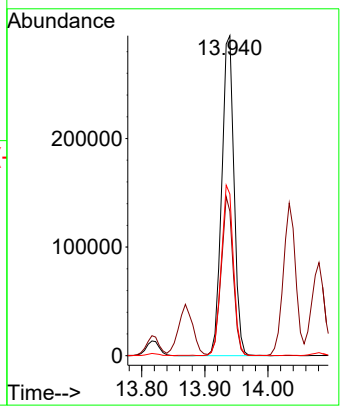


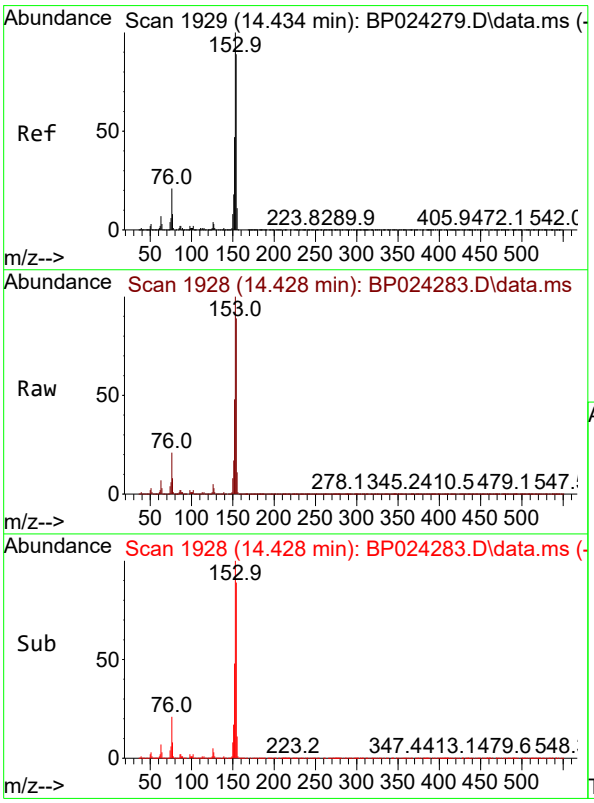
#51
2,6-Dinitrotoluene
Concen: 42.990 ng
RT: 13.940 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:165 Resp: 398345

Ion	Ratio	Lower	Upper
165	100		
63	45.1	38.0	57.0
89	50.5	41.7	62.5

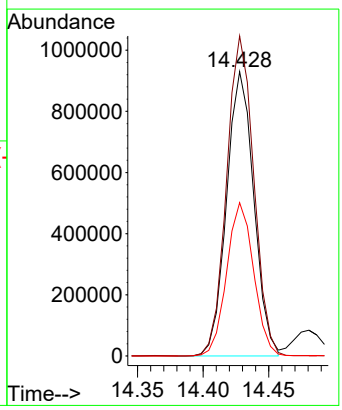


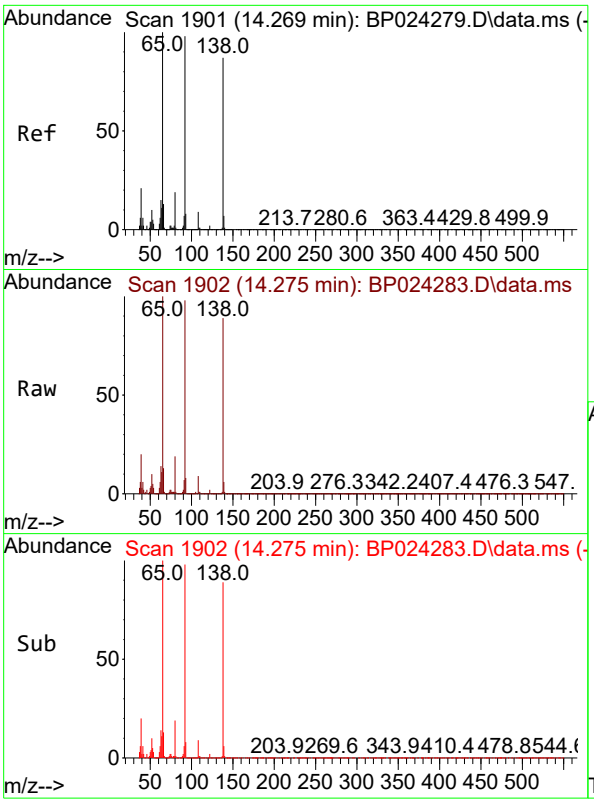


#52
Acenaphthene
Concen: 40.853 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:154 Resp: 1344151

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.8	134.6
152	53.9	42.6	63.8



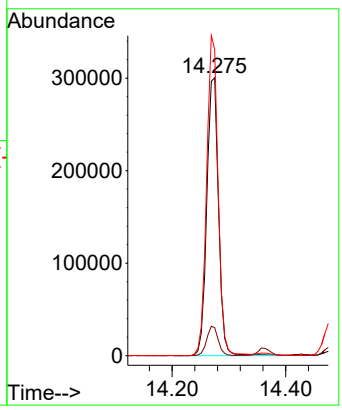


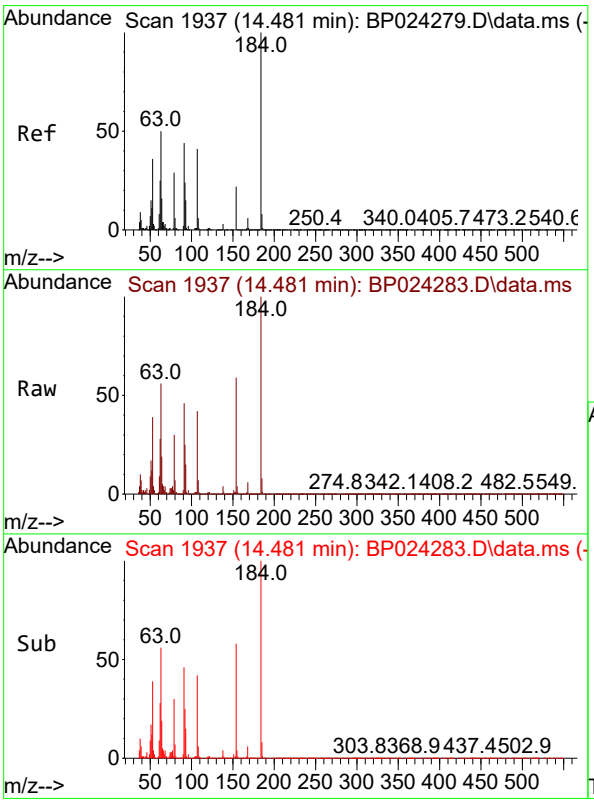
#53
3-Nitroaniline
Concen: 43.931 ng
RT: 14.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:138 Resp: 427828

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	110.2	89.8	134.8

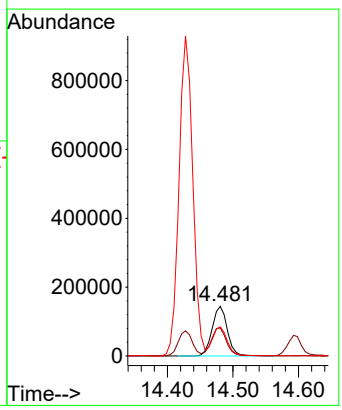


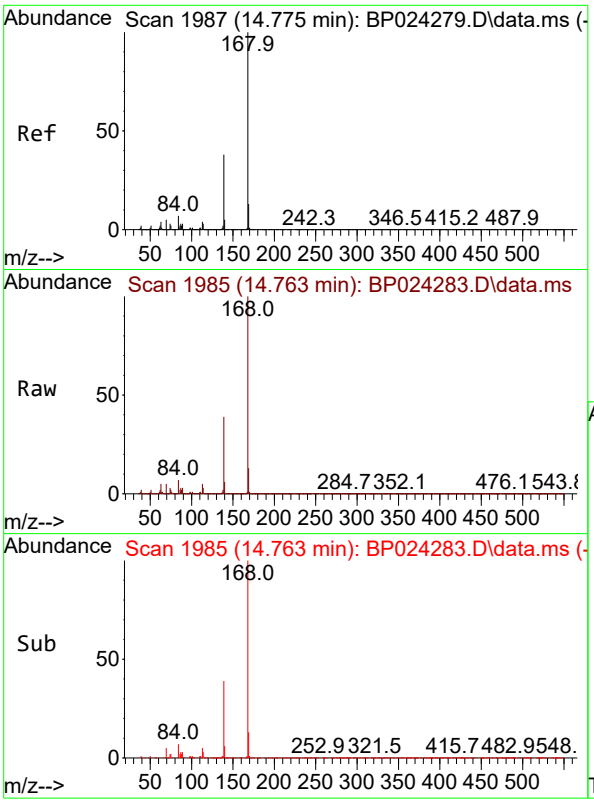


#54
2,4-Dinitrophenol
Concen: 42.485 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:184 Resp: 231882

Ion	Ratio	Lower	Upper
184	100		
63	56.3	42.6	64.0
154	58.5	47.2	70.8



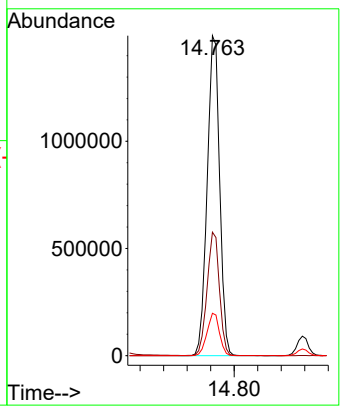


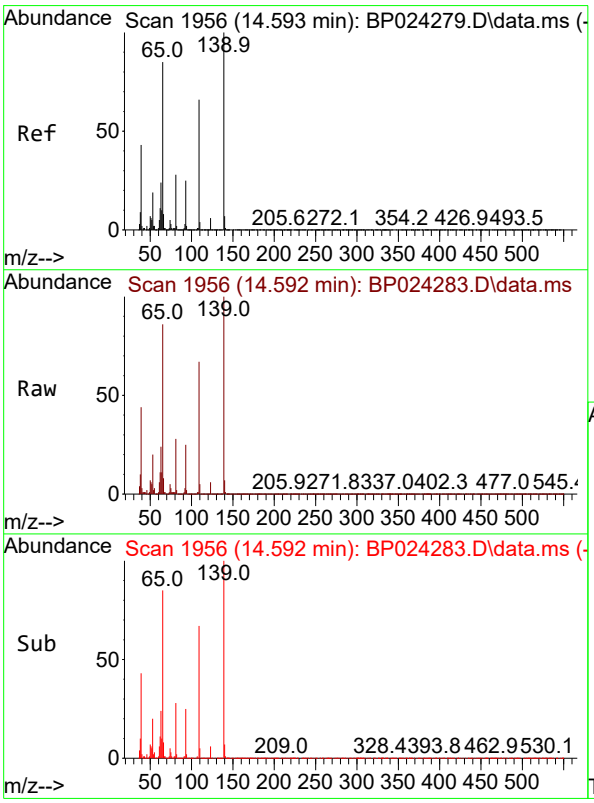
#55
Dibenzofuran
Concen: 40.679 ng
RT: 14.763 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:168 Resp: 2187786

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.3	45.5
169	13.3	10.6	16.0

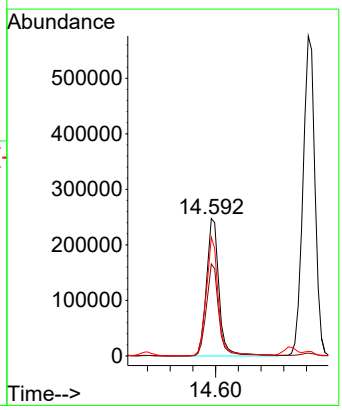


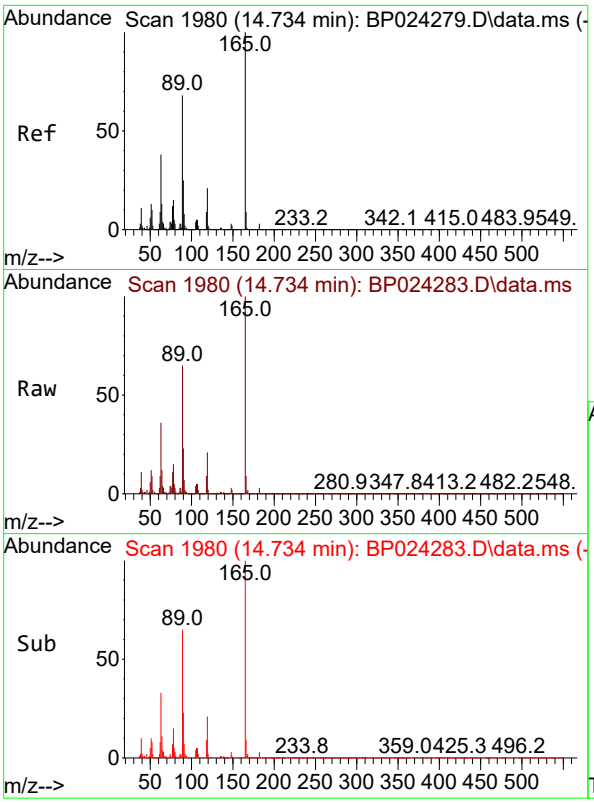


#56
4-Nitrophenol
Concen: 44.968 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:139 Resp: 378214

Ion	Ratio	Lower	Upper
139	100		
109	66.9	46.1	86.1
65	86.3	65.0	105.0



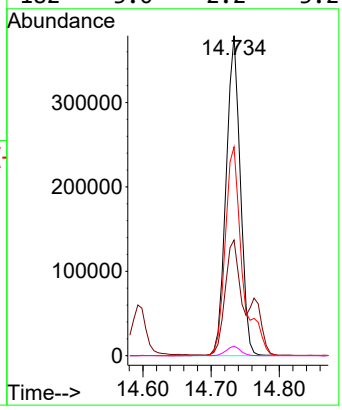


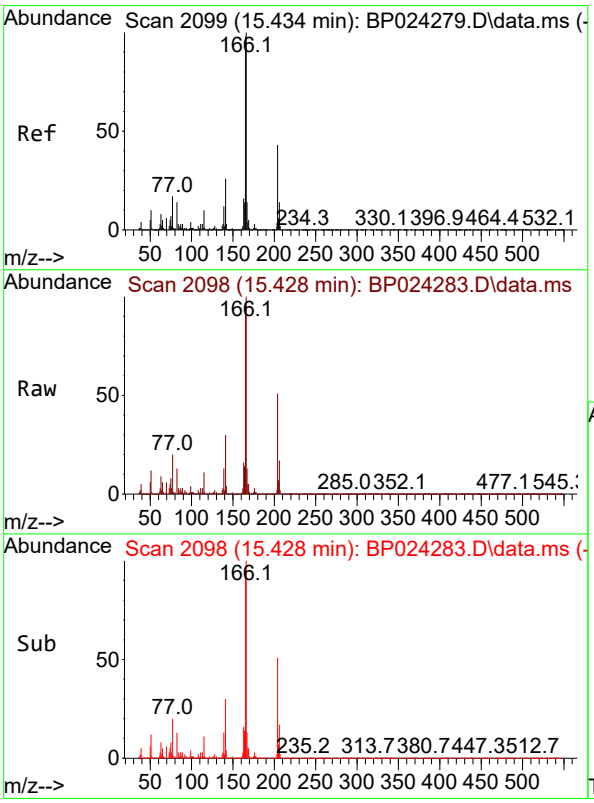
#57
2,4-Dinitrotoluene
Concen: 43.527 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:165 Resp: 550175

Ion	Ratio	Lower	Upper
165	100		
63	36.1	30.4	45.6
89	65.2	54.6	82.0
182	3.0	2.2	3.2

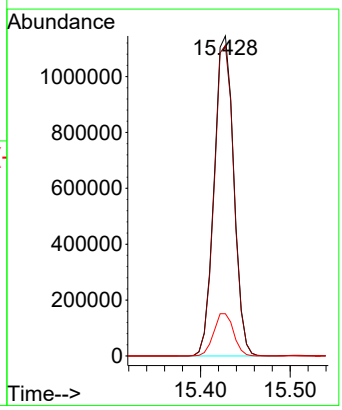


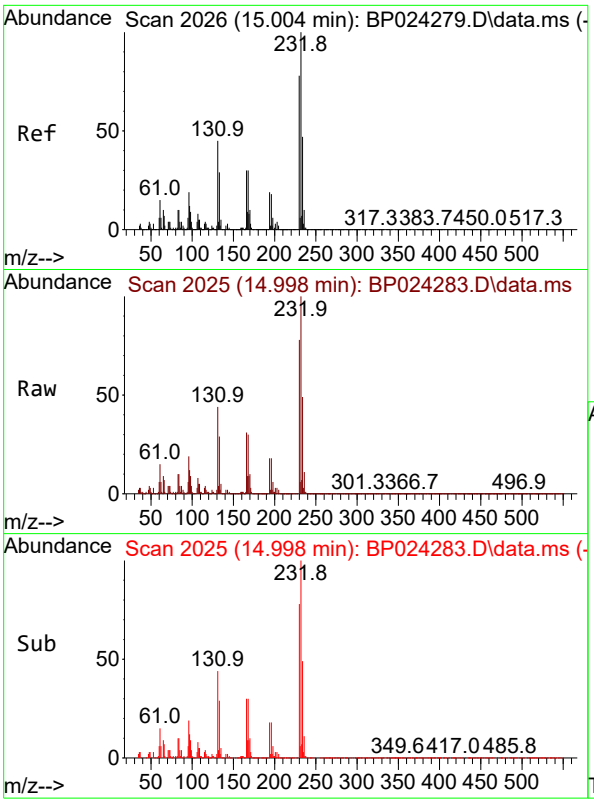


#58
Fluorene
Concen: 41.750 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:166 Resp: 1738215

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.1	117.1
167	13.2	10.9	16.3



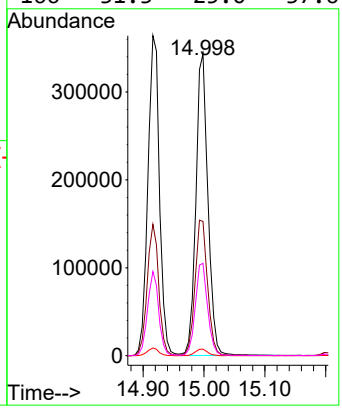


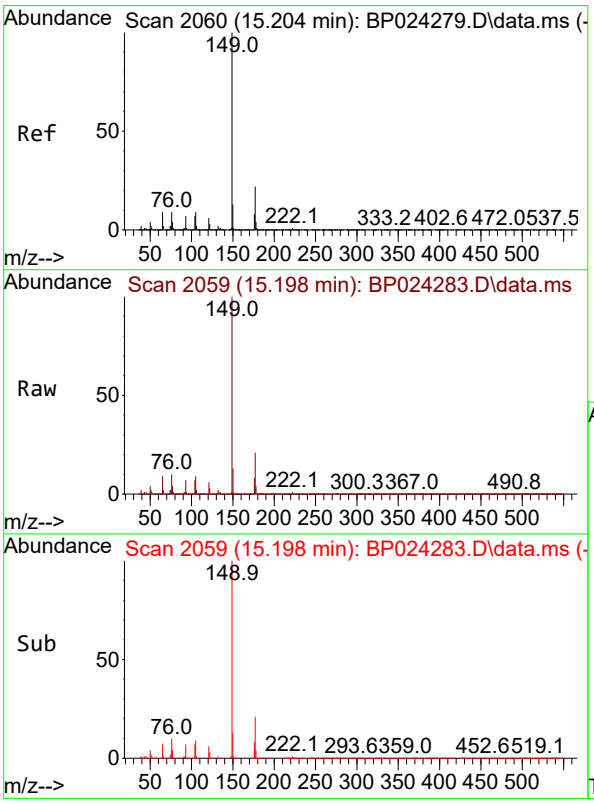
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.995 ng
RT: 14.998 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:232 Resp: 470547

Ion	Ratio	Lower	Upper
232	100		
131	46.8	36.8	55.2
130	2.3	1.9	2.9
166	31.3	25.0	37.6

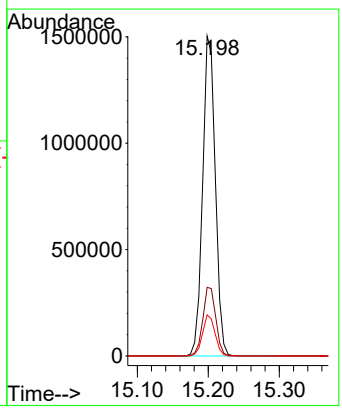


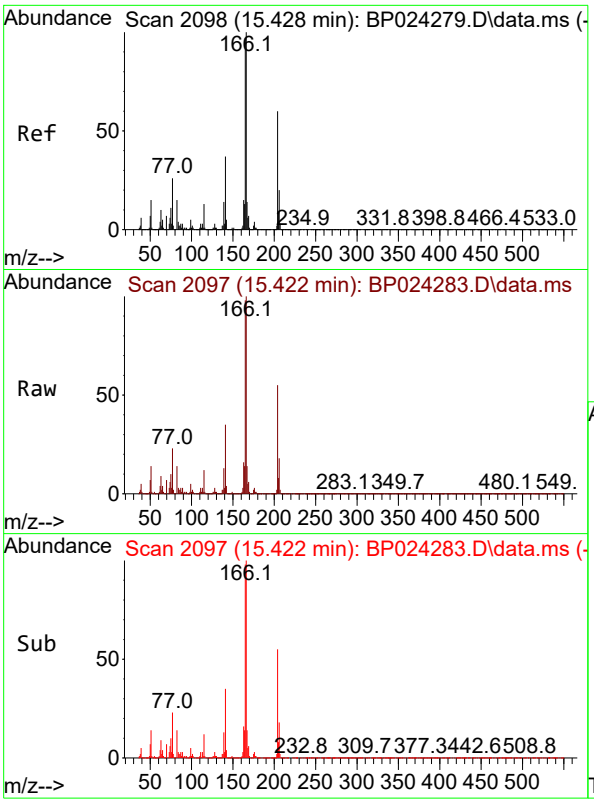


#60
Diethylphthalate
Concen: 41.570 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:149 Resp: 1869274

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.2
150	12.8	10.1	15.1



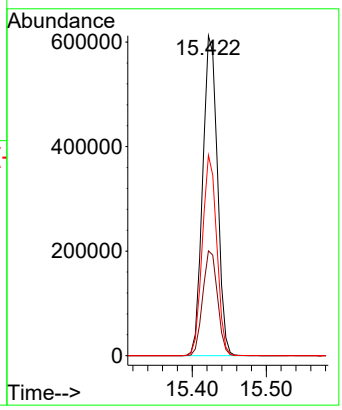


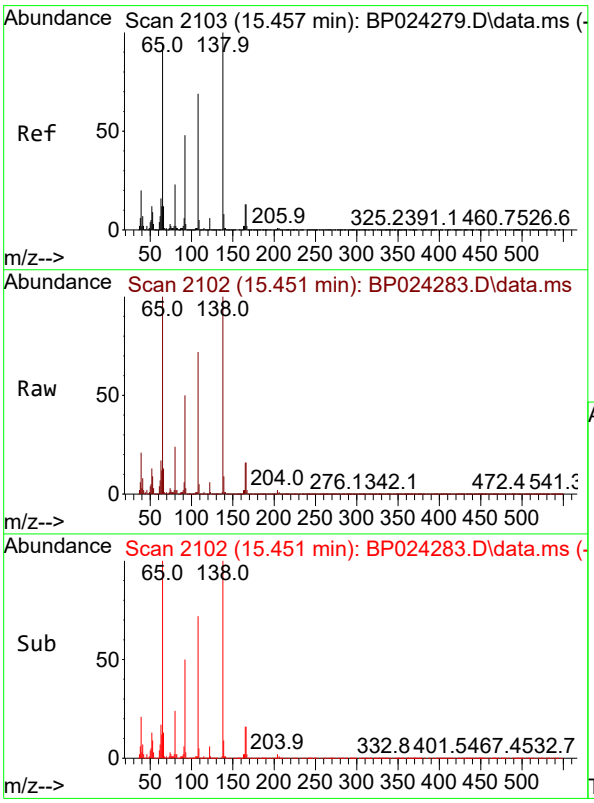
#61
4-Chlorophenyl-phenylether
Concen: 41.777 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:204 Resp: 844629

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	62.6	49.4	74.0

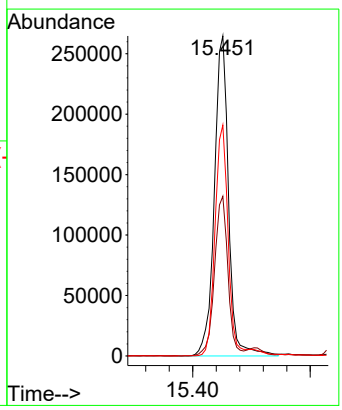


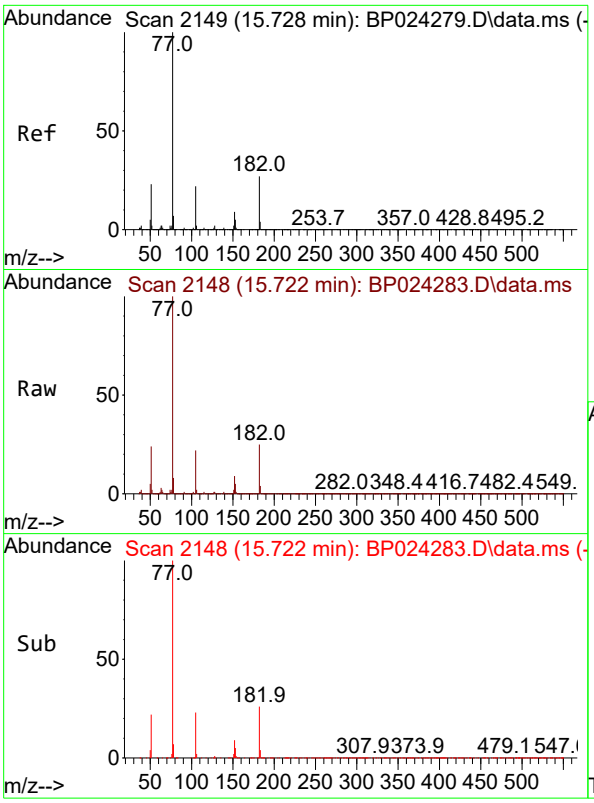


#62
4-Nitroaniline
Concen: 43.114 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:138 Resp: 444482

Ion	Ratio	Lower	Upper
138	100		
92	49.9	27.8	67.8
108	72.1	48.9	88.9



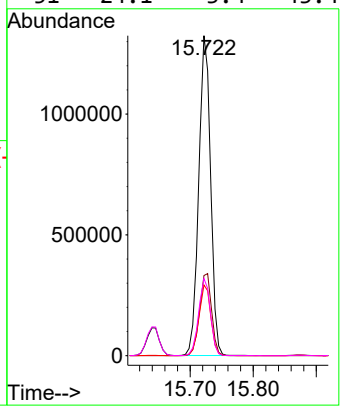


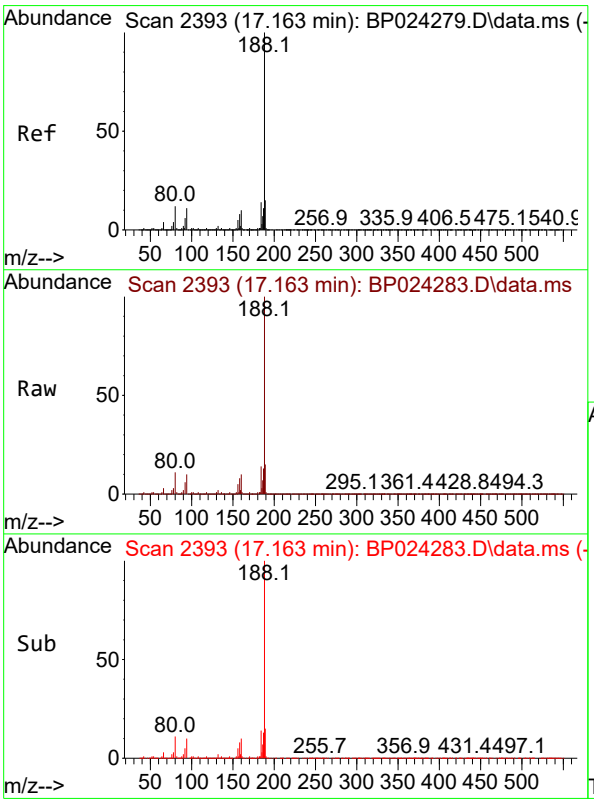
#63
Azobenzene
Concen: 41.686 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 77 Resp: 1722900

Ion	Ratio	Lower	Upper
77	100		
182	25.1	7.3	47.3
105	22.1	2.3	42.3
51	24.1	3.4	43.4

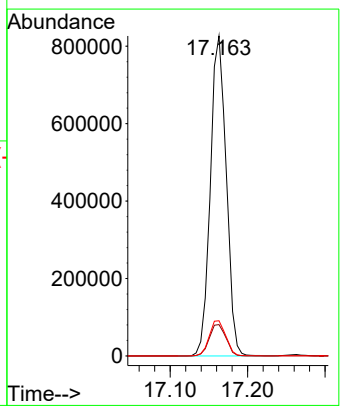


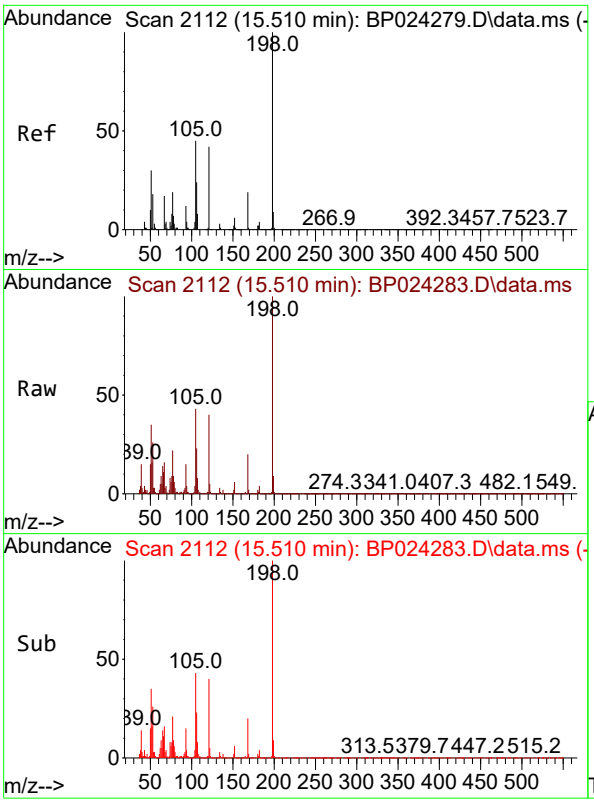


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:188 Resp: 1178916

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	13.0
80	11.0	9.8	14.6



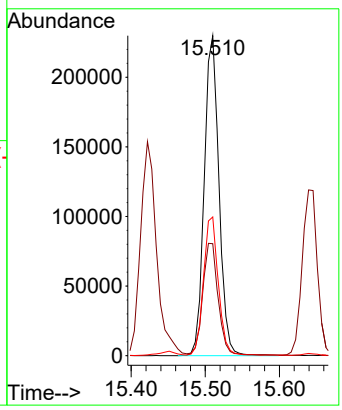


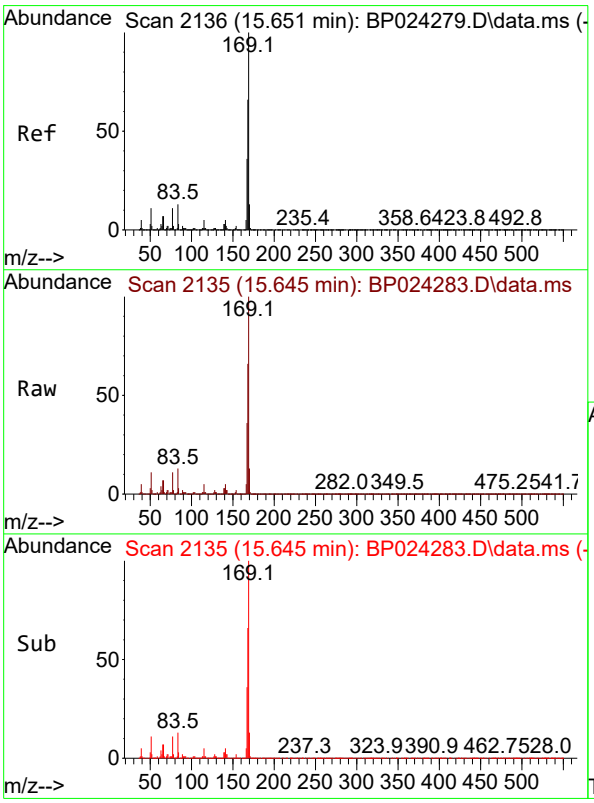
#65
4,6-Dinitro-2-methylphenol
Concen: 42.724 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:198 Resp: 317548

Ion	Ratio	Lower	Upper
198	100		
51	35.0	18.4	58.4
105	43.4	26.5	66.5

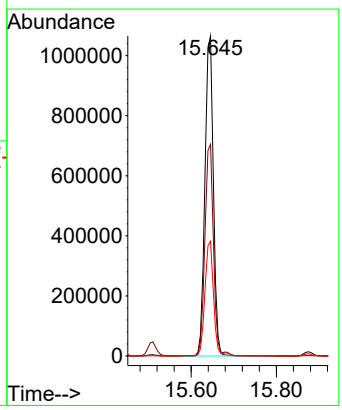


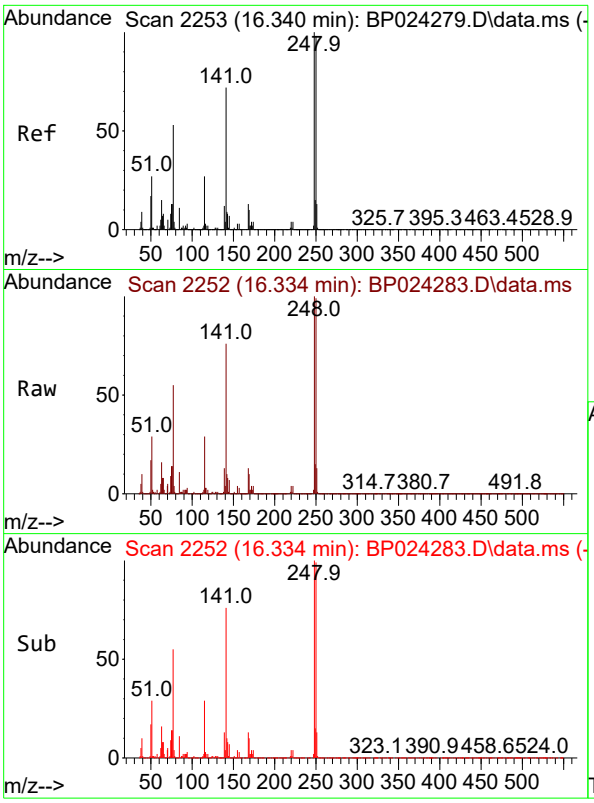


#66
n-Nitrosodiphenylamine
Concen: 41.500 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:169 Resp: 1460282

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.0	79.4
167	35.8	28.9	43.3



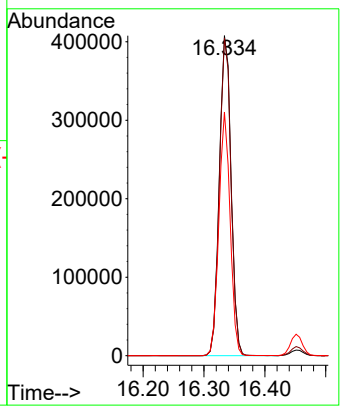


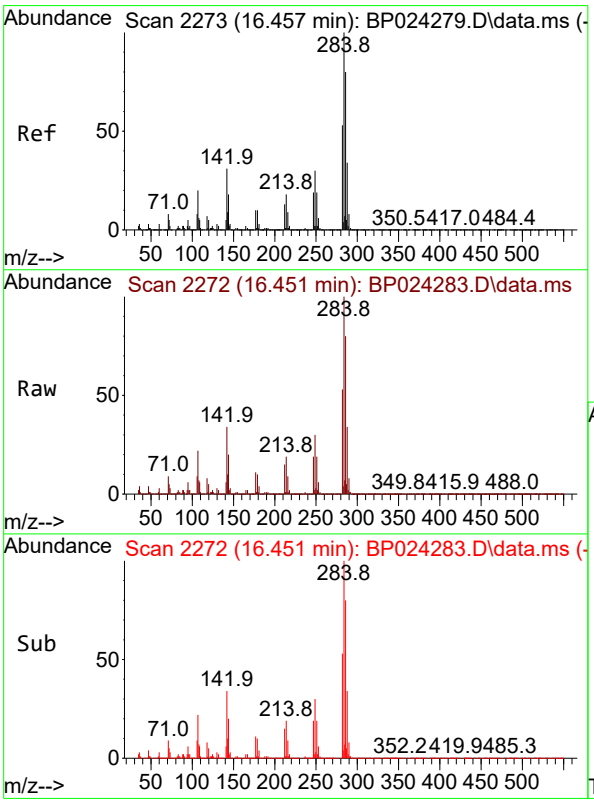
#67
4-Bromophenyl-phenylether
Concen: 42.314 ng
RT: 16.334 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:248 Resp: 545579

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.2	117.4
141	76.1	57.7	86.5

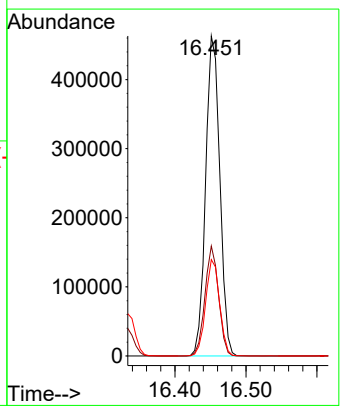


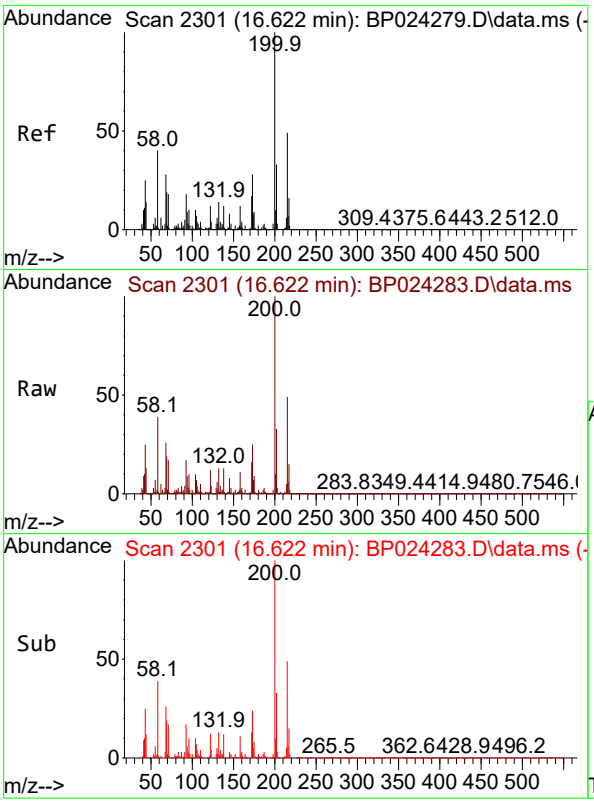


#68
Hexachlorobenzene
Concen: 41.909 ng
RT: 16.451 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:284 Resp: 642095

Ion	Ratio	Lower	Upper
284	100		
142	34.3	24.6	37.0
249	30.1	23.8	35.6



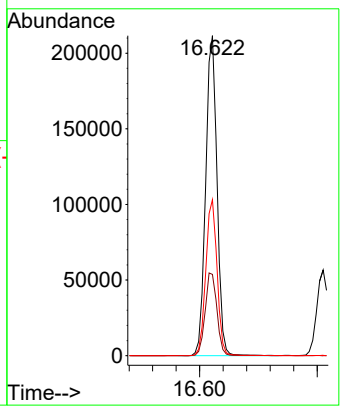


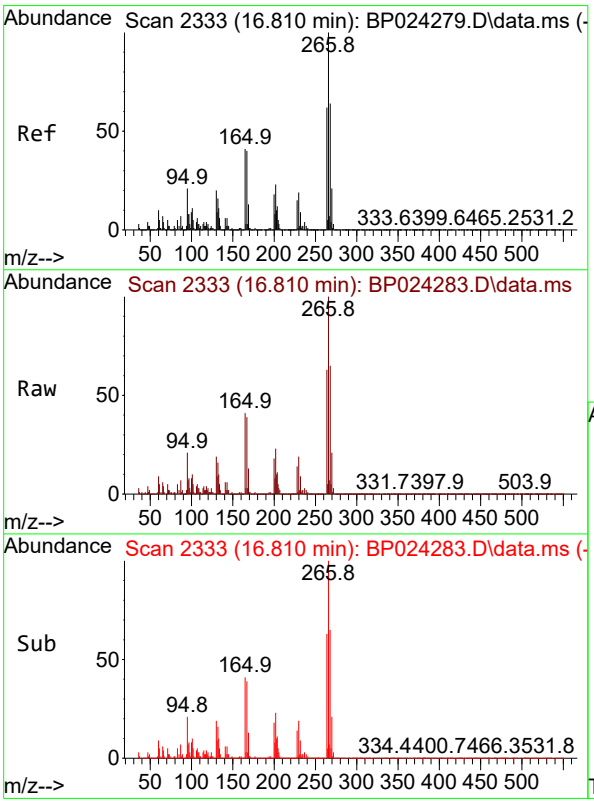
#69
Atrazine
Concen: 31.567 ng
RT: 16.622 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:200 Resp: 282908

Ion	Ratio	Lower	Upper
200	100		
173	25.4	7.5	47.5
215	48.7	28.8	68.8

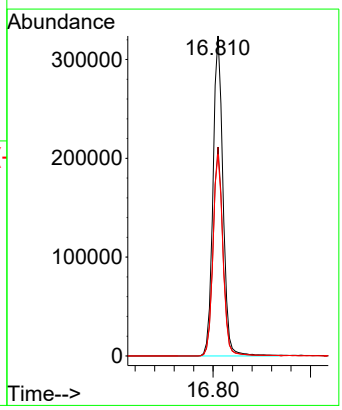


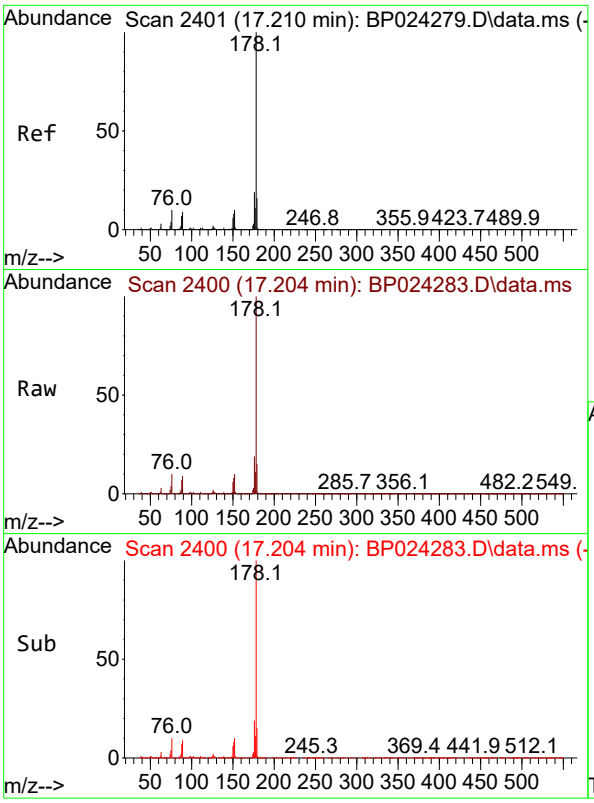


#70
Pentachlorophenol
Concen: 42.900 ng
RT: 16.810 min Scan# 2333
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:266 Resp: 458529

Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.0	76.6
264	63.0	49.8	74.6



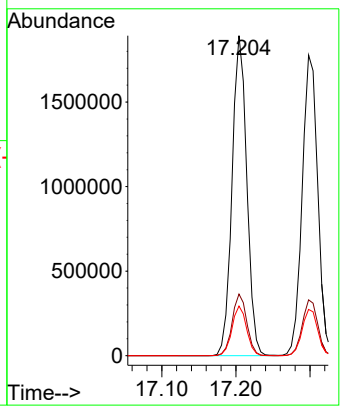


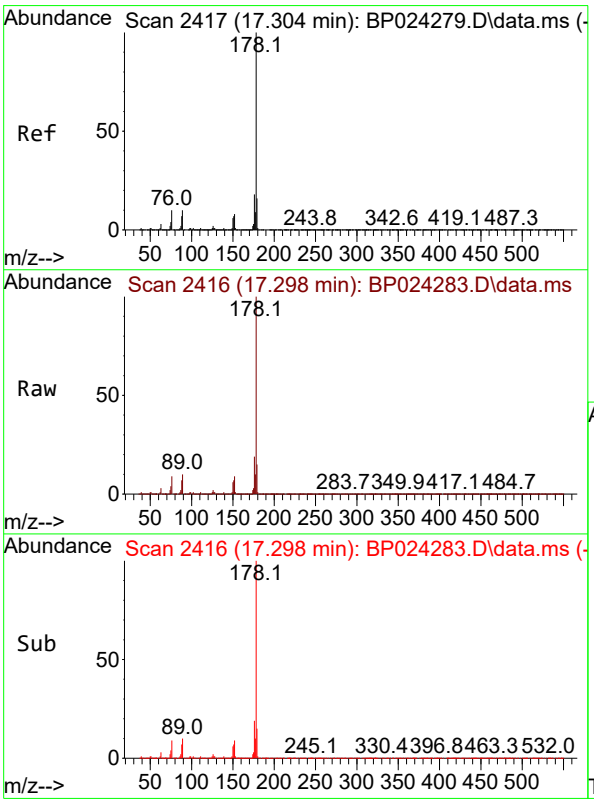
#71
Phenanthrene
Concen: 40.615 ng
RT: 17.204 min Scan# 24
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:178 Resp: 2612052

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.5	18.7

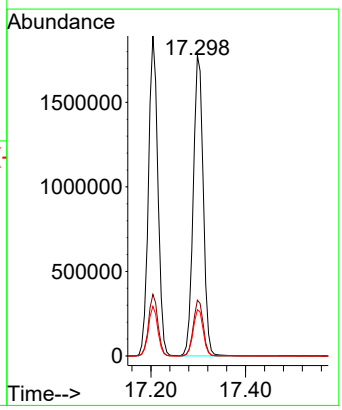


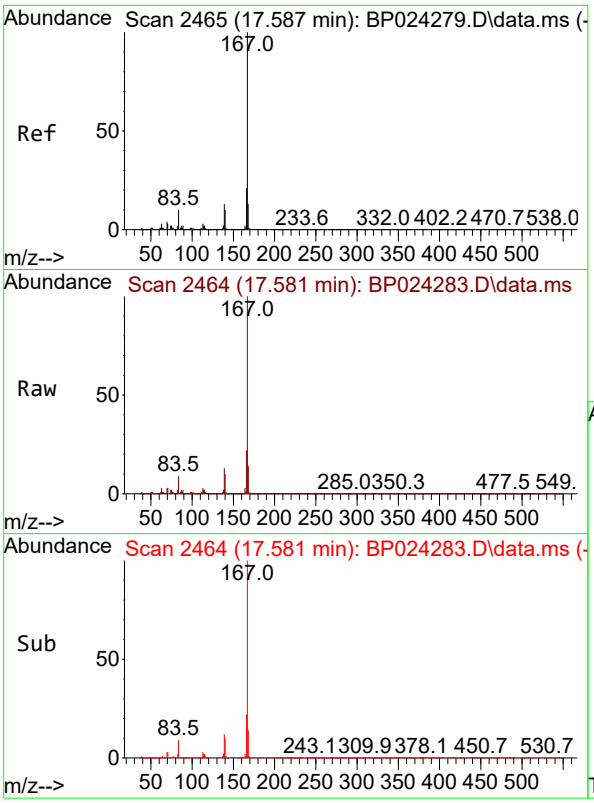


#72
Anthracene
Concen: 42.051 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:178 Resp: 2606508

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.4	12.4	18.6



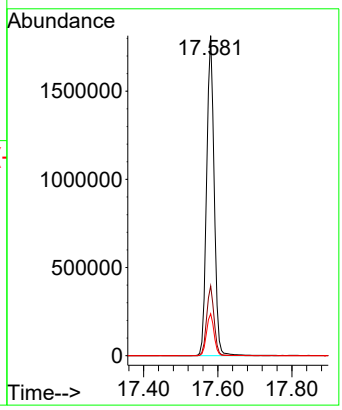


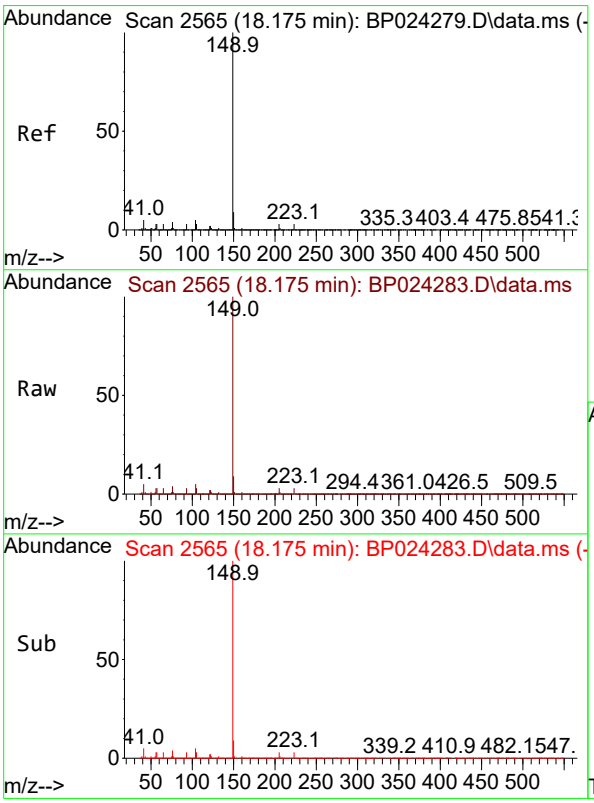
#73
Carbazole
Concen: 42.351 ng
RT: 17.581 min Scan# 24
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:167 Resp: 2564955

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	13.1	10.6	16.0

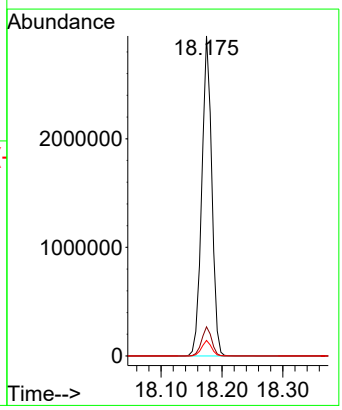


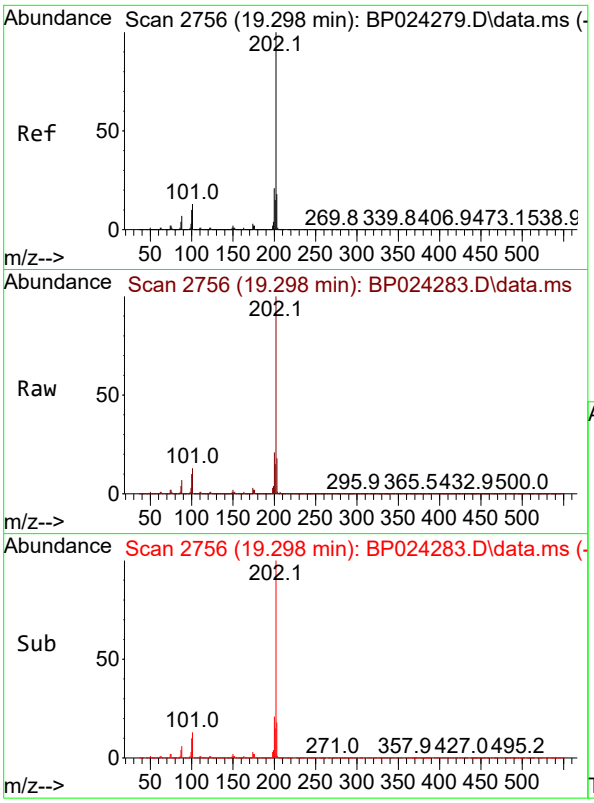


#74
Di-n-butylphthalate
Concen: 44.539 ng
RT: 18.175 min Scan# 2565
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:149 Resp: 3360635

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.9	3.9	5.9



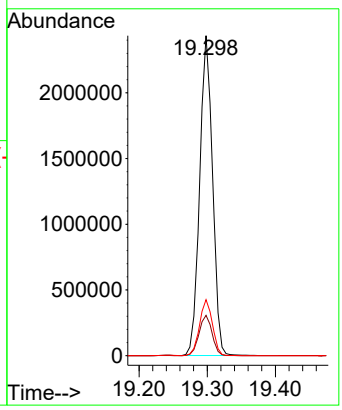


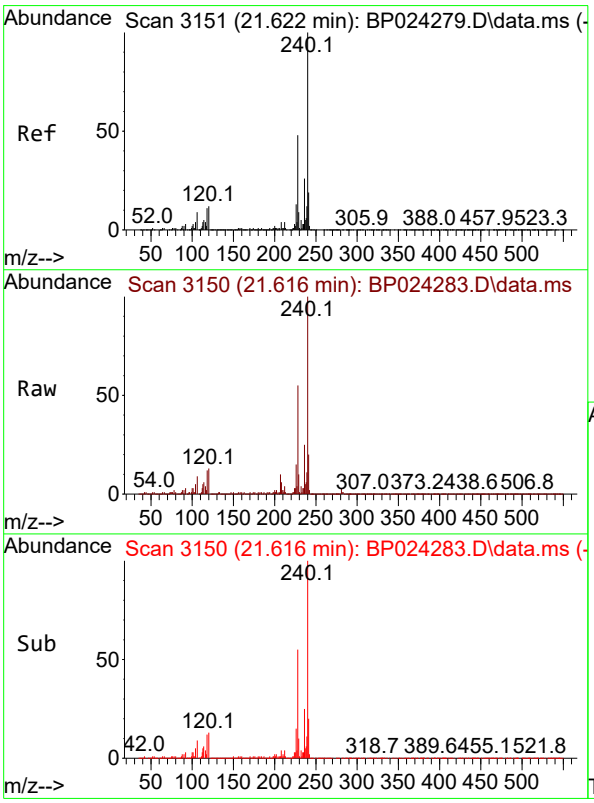
#75
Fluoranthene
Concen: 41.771 ng
RT: 19.298 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:202 Resp: 3195045

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.5	0.0	37.7

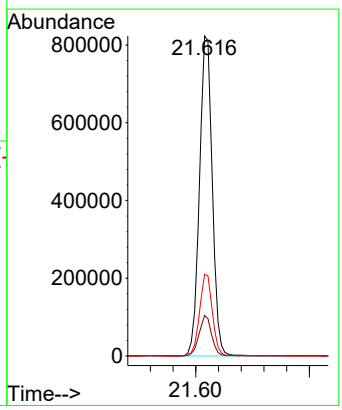


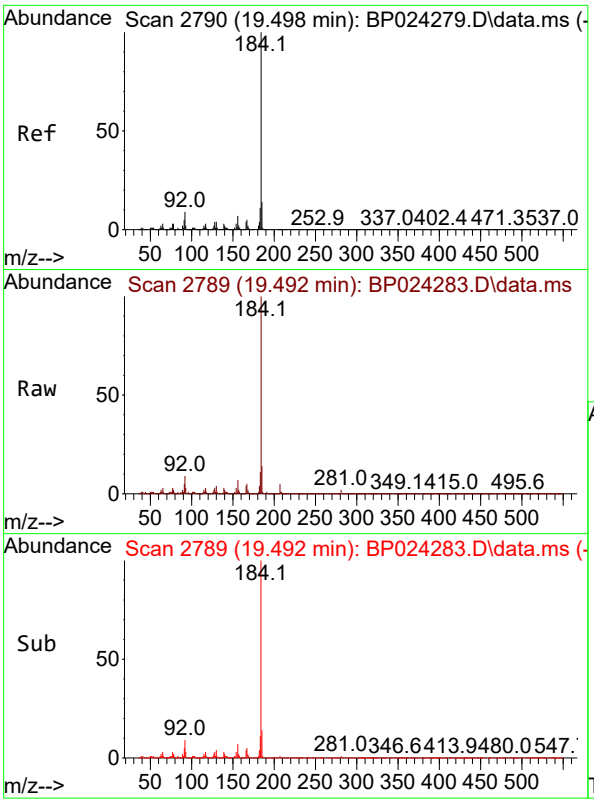


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:240 Resp: 1288125

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.8	14.8
236	25.5	20.9	31.3



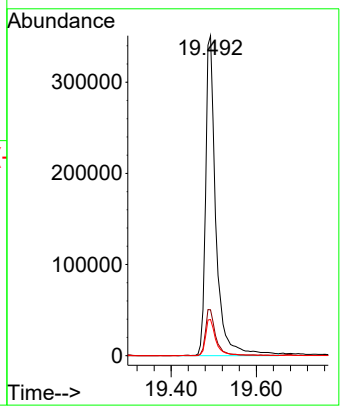


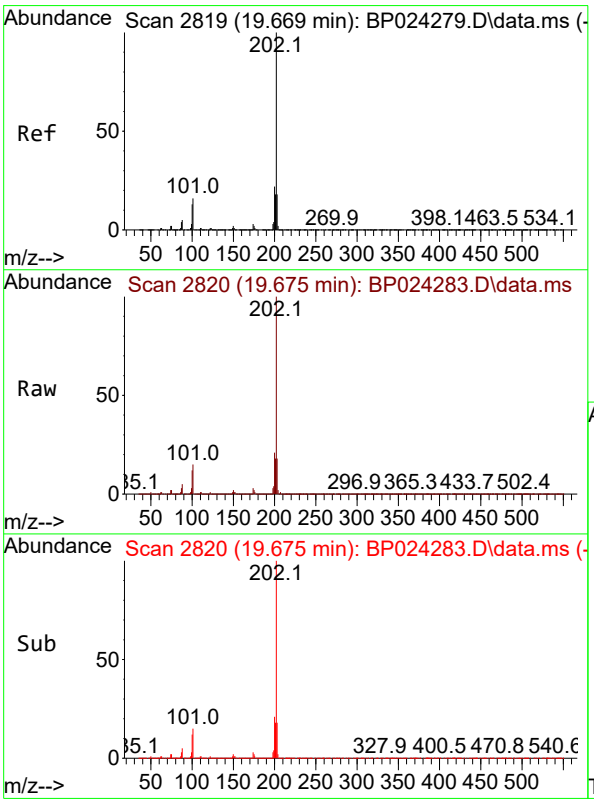
#77
Benzidine
Concen: 36.041 ng
RT: 19.492 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:184 Resp: 588487

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	11.3	9.2	13.8

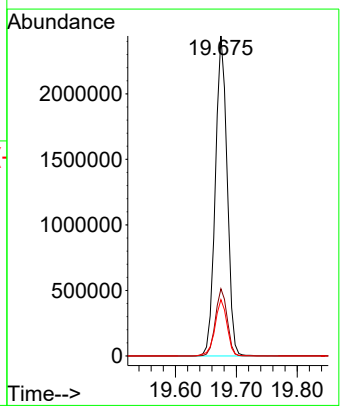


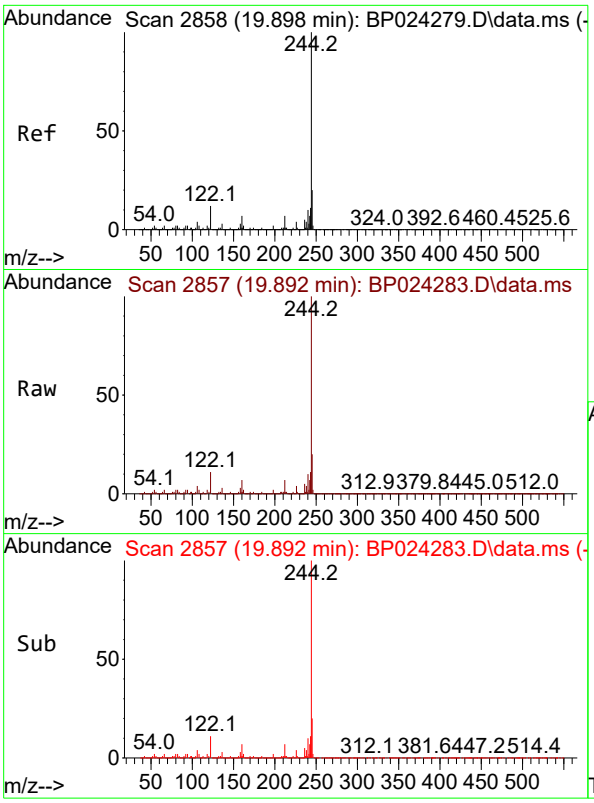


#78
Pyrene
Concen: 40.022 ng
RT: 19.675 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:202 Resp: 3276290

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.6	14.4	21.6



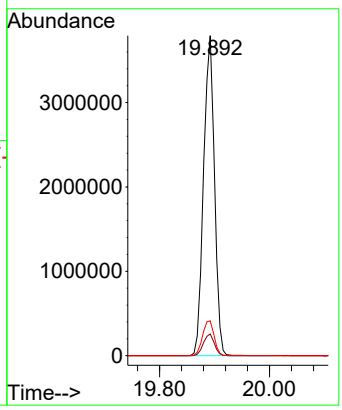


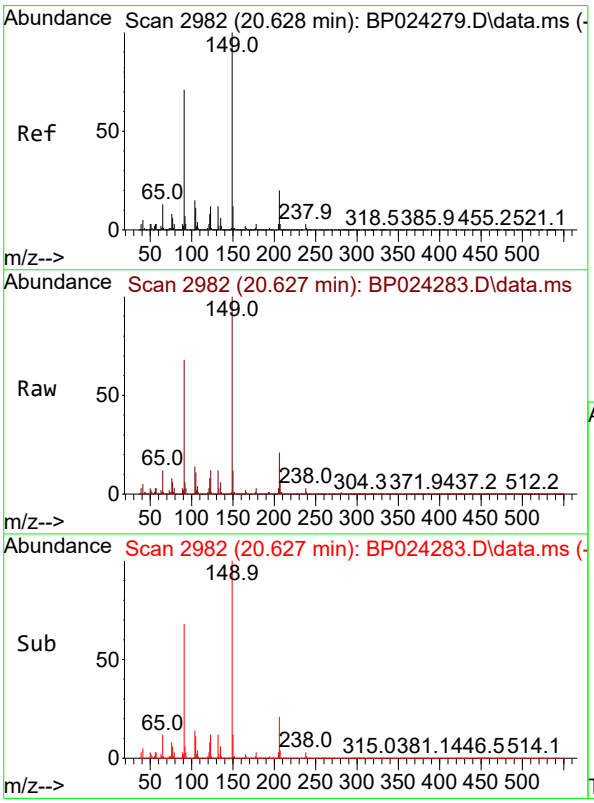
#79
Terphenyl-d14
Concen: 81.649 ng
RT: 19.892 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:244 Resp: 5217888

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.9	9.4	14.0

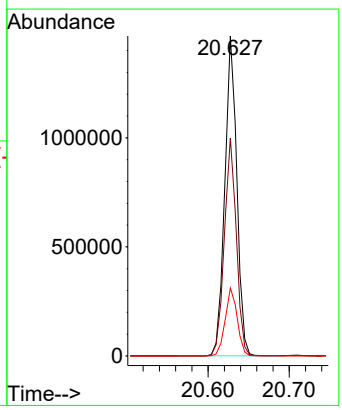


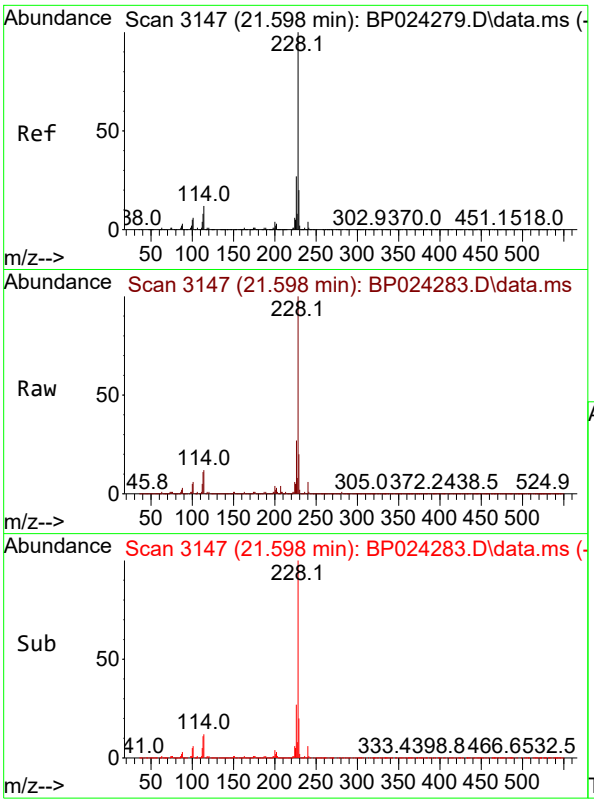


#80
Butylbenzylphthalate
Concen: 43.107 ng
RT: 20.627 min Scan# 2982
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:149 Resp: 1511473

Ion	Ratio	Lower	Upper
149	100		
91	68.1	56.4	84.6
206	21.2	16.3	24.5



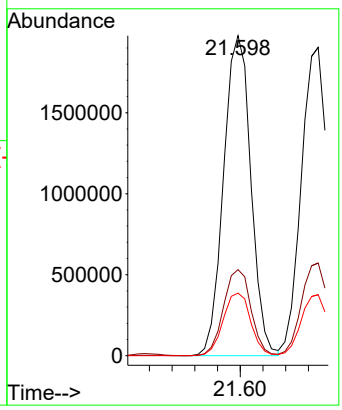


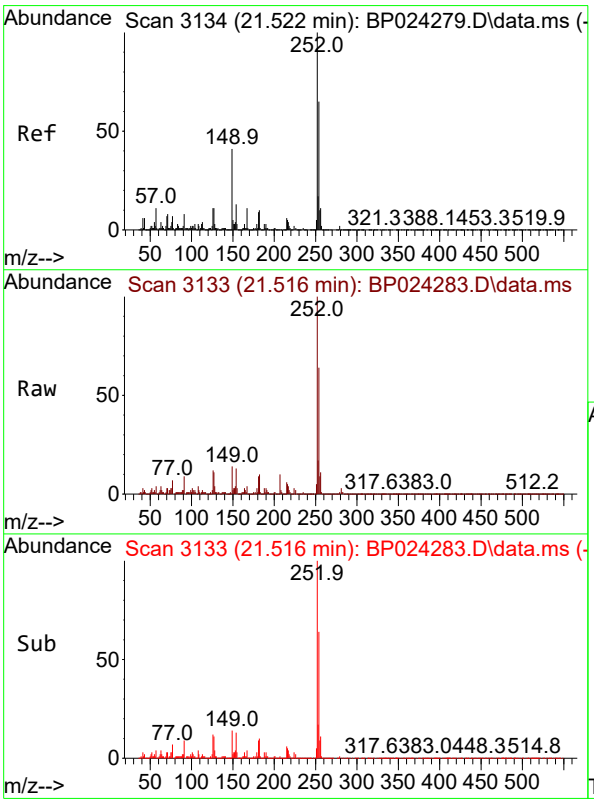
#81
Benzo(a)anthracene
Concen: 41.207 ng
RT: 21.598 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:228 Resp: 3299250

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.6	15.9	23.9

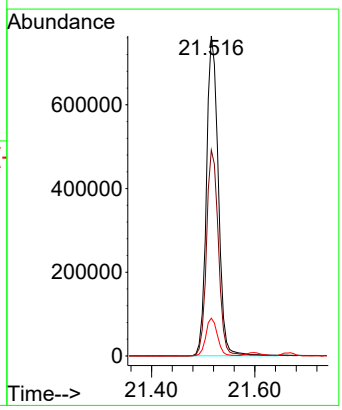


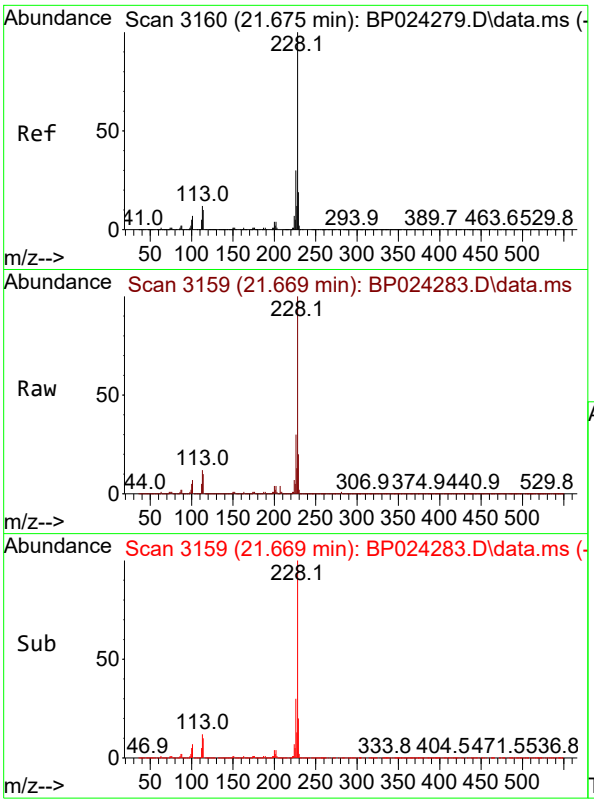


#82
3,3'-Dichlorobenzidine
Concen: 43.139 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:252 Resp: 1212290

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	11.8	8.8	13.2



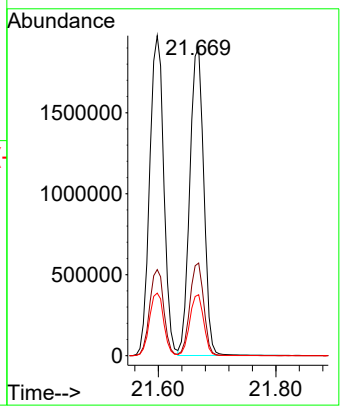


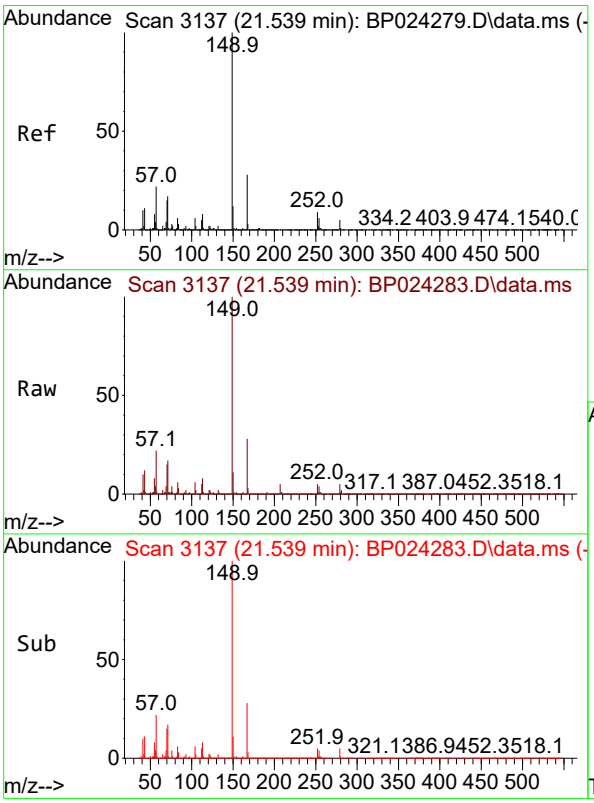
#83
Chrysene
Concen: 40.888 ng
RT: 21.669 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:228 Resp: 3136332

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.8	15.6	23.4

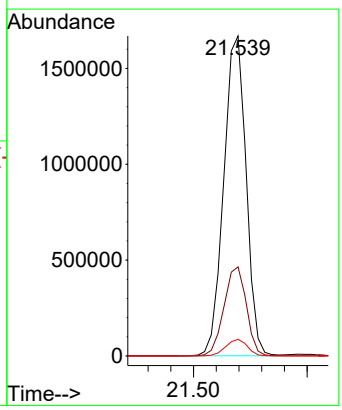


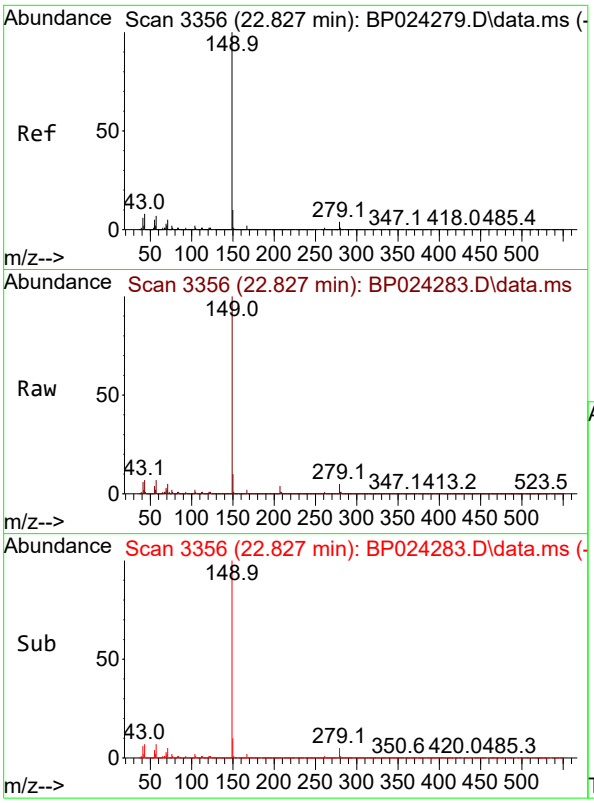


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.400 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:149 Resp: 2282222

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	5.2	4.0	6.0



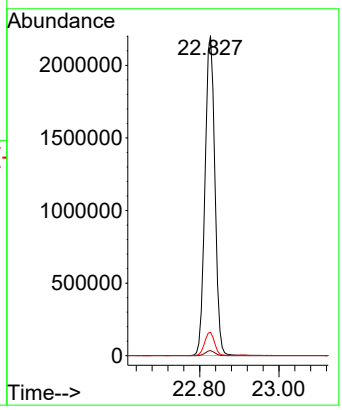


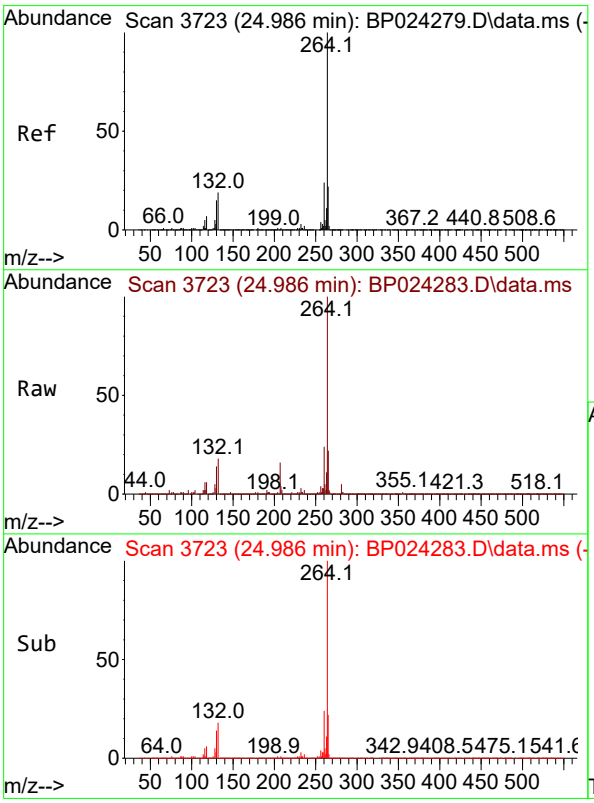
#85
Di-n-octyl phthalate
Concen: 45.513 ng
RT: 22.827 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:149 Resp: 3803266

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.4	6.0	9.0

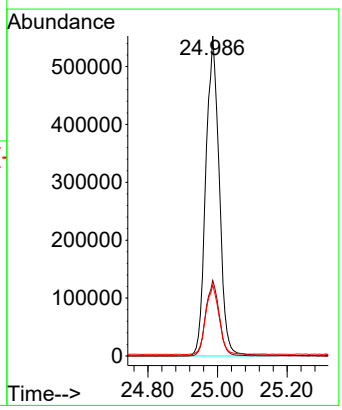


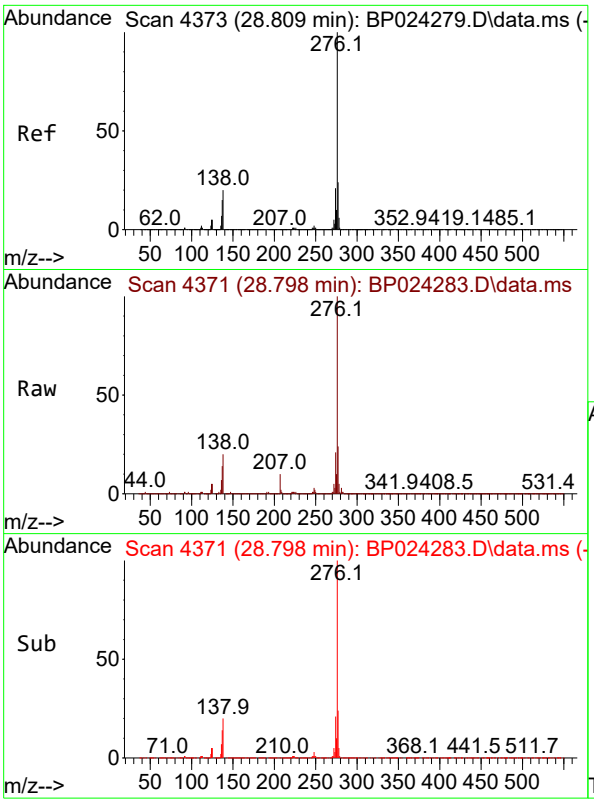


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3723
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:264 Resp: 1476872

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	17.8	26.6



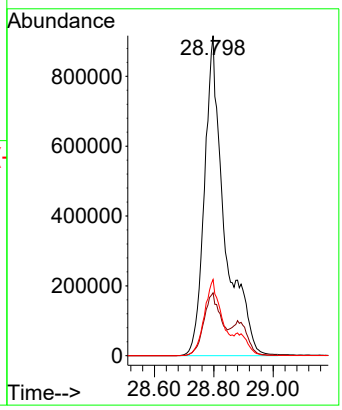


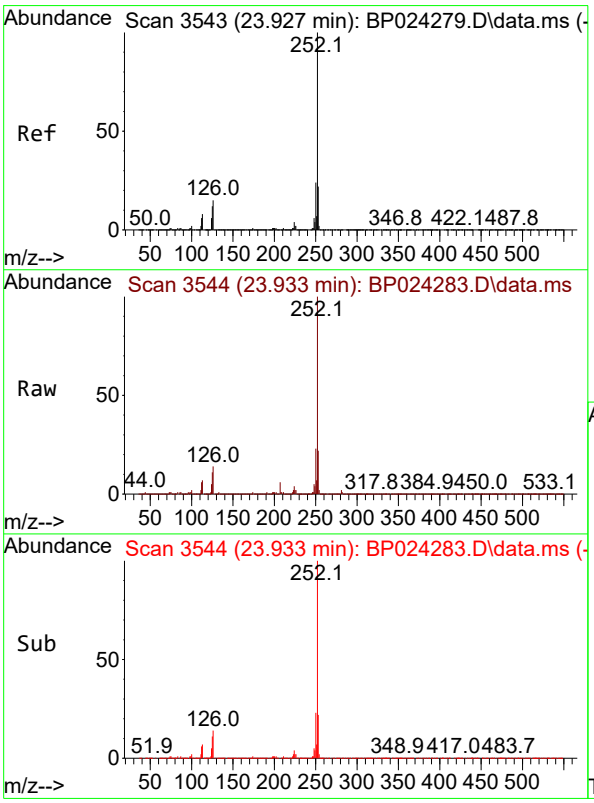
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.071 ng m
RT: 28.798 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:276 Resp: 4313548

Ion	Ratio	Lower	Upper
276	100		
138	16.8	14.5	21.7
277	20.9	20.2	30.2

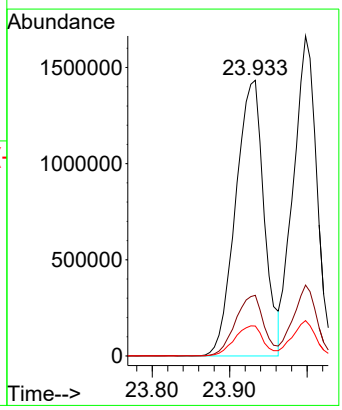


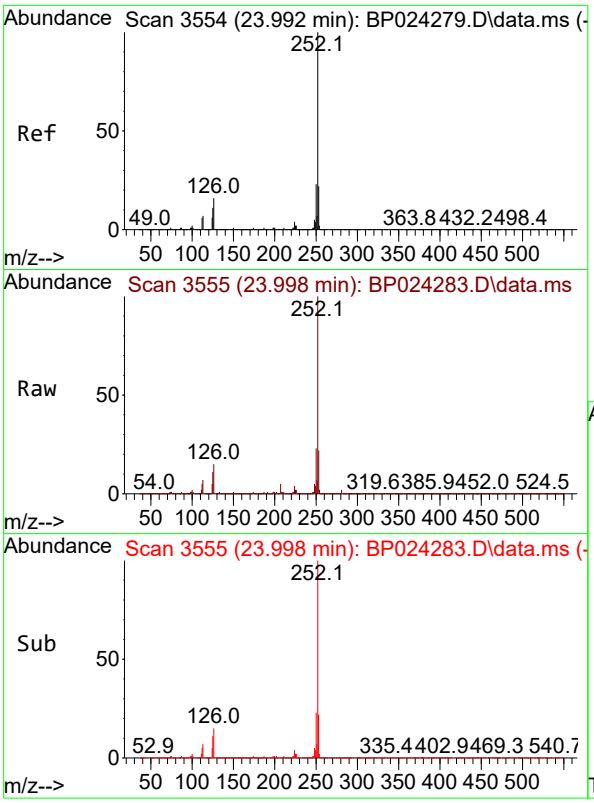


#88
Benzo(b)fluoranthene
Concen: 41.288 ng
RT: 23.933 min Scan# 3544
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:252 Resp: 3654984

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.8	9.4	14.0



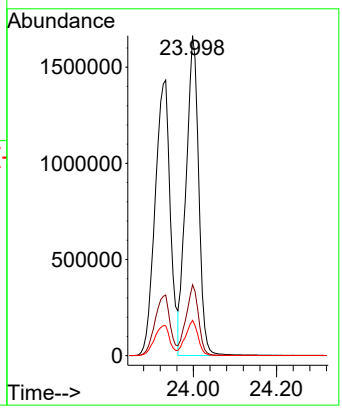


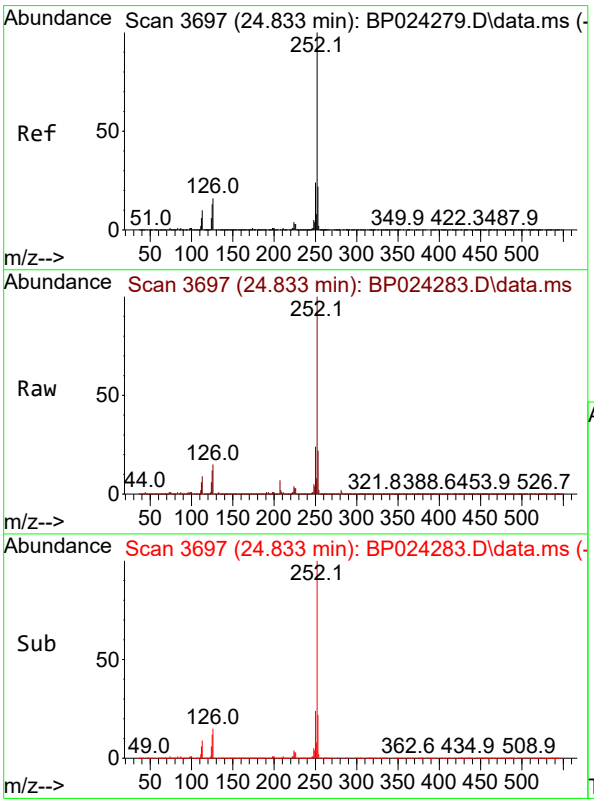
#89
Benzo(k)fluoranthene
Concen: 41.081 ng
RT: 23.998 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:252 Resp: 3512834

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.1	9.1	13.7

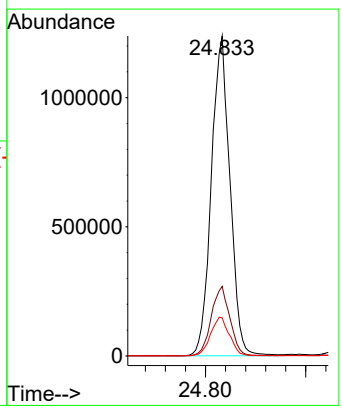


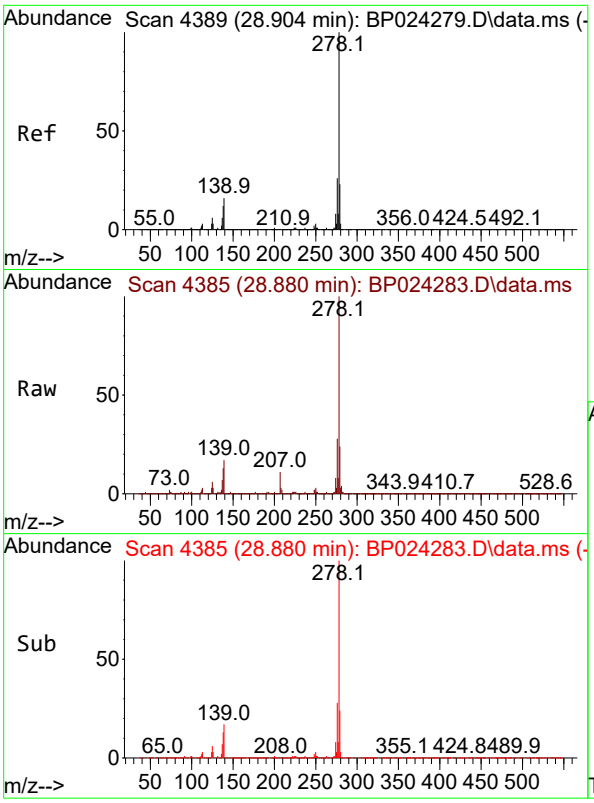


#90
Benzo(a)pyrene
Concen: 41.855 ng
RT: 24.833 min Scan# 3697
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:252 Resp: 3196130

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	11.9	10.1	15.1



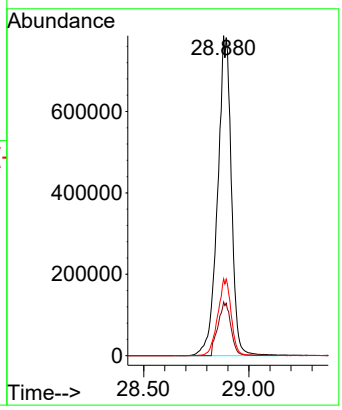


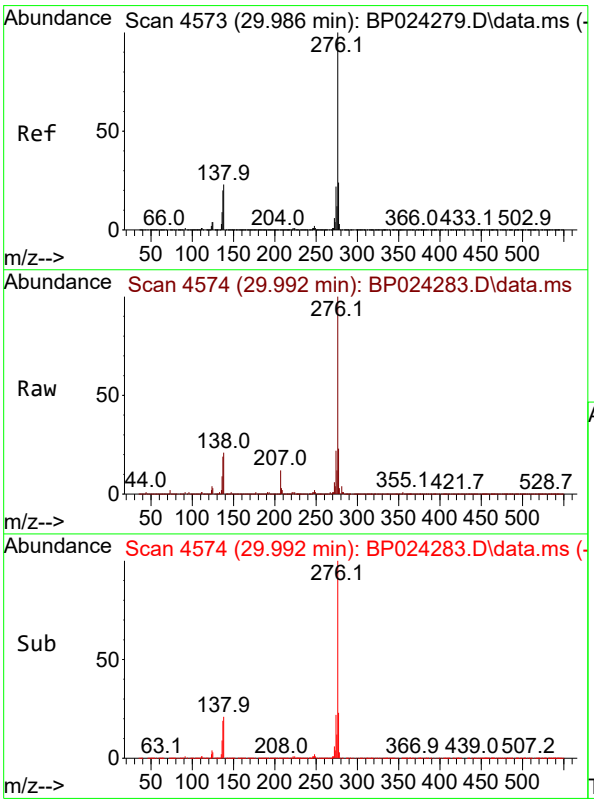
#91
Dibenzo(a,h)anthracene
Concen: 41.902 ng
RT: 28.880 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:278 Resp: 3566000

Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	24.0	18.5	27.7

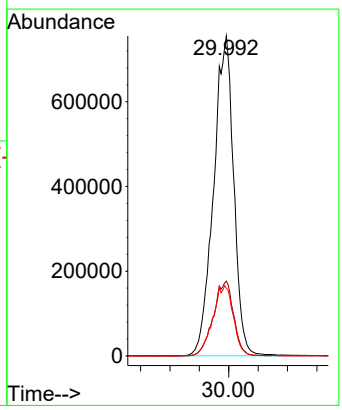




#92
Benzo(g,h,i)perylene
Concen: 41.455 ng
RT: 29.992 min Scan# 4574
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:276 Resp: 3590938

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	21.2	18.7	28.1



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 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	94	0.00
2		1,4-Dioxane	0.512	0.517	-1.0	95	0.00
3		Pyridine	1.351	1.349	0.1	91	0.00
4		n-Nitrosodimethylamine	0.448	0.451	-0.7	93	0.00
5	S	2-Fluorophenol	1.210	1.229	-1.6	92	0.00
6		Aniline	1.480	1.531	-3.4	91	0.00
7	S	Phenol-d6	1.656	1.678	-1.3	91	0.00
8		2-Chlorophenol	1.350	1.362	-0.9	92	0.00
9		Benzaldehyde	0.819	0.861	-5.1	97	0.00
10	C	Phenol	1.661	1.674	-0.8	90	0.00
11		bis(2-Chloroethyl)ether	1.339	1.335	0.3	90	0.00
12		1,3-Dichlorobenzene	1.454	1.465	-0.8	93	0.00
13	C	1,4-Dichlorobenzene	1.475	1.494	-1.3	94	0.00
14		1,2-Dichlorobenzene	1.424	1.421	0.2	93	0.00
15		Benzyl Alcohol	1.071	1.115	-4.1	91	0.00
16		2,2'-oxybis(1-Chloropropane	1.447	1.453	-0.4	90	0.00
17		2-Methylphenol	1.075	1.103	-2.6	91	0.00
18		Hexachloroethane	0.533	0.540	-1.3	94	0.00
19	P	n-Nitroso-di-n-propylamine	1.025	1.037	-1.2	90	0.00
20		3+4-Methylphenols	1.491	1.522	-2.1	90	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	91	0.00
22		Acetophenone	0.495	0.515	-4.0	91	0.00
23	S	Nitrobenzene-d5	0.351	0.366	-4.3	91	0.00
24		Nitrobenzene	0.347	0.360	-3.7	90	0.00
25		Isophorone	0.635	0.661	-4.1	90	0.00
26	C	2-Nitrophenol	0.170	0.184	-8.2	92	0.00
27		2,4-Dimethylphenol	0.213	0.222	-4.2	90	0.00
28		bis(2-Chloroethoxy)methane	0.429	0.444	-3.5	90	0.00
29	C	2,4-Dichlorophenol	0.291	0.309	-6.2	91	0.00
30		1,2,4-Trichlorobenzene	0.311	0.324	-4.2	92	0.00
31		Naphthalene	1.054	1.090	-3.4	92	0.00
32		Benzoic acid	0.248	0.254	-2.4	96	-0.04
33		4-Chloroaniline	0.371	0.398	-7.3	92	0.00
34	C	Hexachlorobutadiene	0.183	0.192	-4.9	93	0.00
35		Caprolactam	0.107	0.113	-5.6	92	-0.02
36	C	4-Chloro-3-methylphenol	0.339	0.353	-4.1	90	0.00
37		2-Methylnaphthalene	0.731	0.756	-3.4	92	0.00
38		1-Methylnaphthalene	0.715	0.736	-2.9	92	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	91	0.00
40		1,2,4,5-Tetrachlorobenzene	0.550	0.581	-5.6	92	0.00
41	P	Hexachlorocyclopentadiene	0.195	0.212	-8.7	89	-0.01
42	S	2,4,6-Tribromophenol	0.277	0.296	-6.9	93	-0.02
43	C	2,4,6-Trichlorophenol	0.366	0.396	-8.2	93	0.00
44		2,4,5-Trichlorophenol	0.405	0.434	-7.2	93	0.00
45	S	2-Fluorobiphenyl	1.306	1.383	-5.9	92	0.00
46		1,1'-Biphenyl	1.470	1.529	-4.0	91	-0.01
47		2-Chloronaphthalene	1.099	1.148	-4.5	92	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 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	0.308	0.327	-6.2	90	-0.01
49		Acenaphthylene	1.730	1.807	-4.5	91	0.00
50		Dimethylphthalate	1.454	1.508	-3.7	92	-0.02
51		2,6-Dinitrotoluene	0.309	0.332	-7.4	93	0.00
52	C	Acenaphthene	1.097	1.120	-2.1	91	-0.01
53		3-Nitroaniline	0.325	0.357	-9.8	92	0.00
54	P	2,4-Dinitrophenol	0.182	0.193	-6.0	95	-0.01
55		Dibenzofuran	1.793	1.823	-1.7	91	-0.02
56	P	4-Nitrophenol	0.280	0.315	-12.5	94	-0.01
57		2,4-Dinitrotoluene	0.421	0.458	-8.8	93	-0.01
58		Fluorene	1.388	1.448	-4.3	95	-0.01
59		2,3,4,6-Tetrachlorophenol	0.373	0.392	-5.1	92	0.00
60		Diethylphthalate	1.499	1.558	-3.9	92	-0.02
61		4-Chlorophenyl-phenylether	0.674	0.704	-4.5	94	-0.02
62		4-Nitroaniline	0.344	0.370	-7.6	92	-0.02
63		Azobenzene	1.378	1.436	-4.2	92	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	92	-0.02
65		4,6-Dinitro-2-methylphenol	0.126	0.135	-7.1	95	-0.02
66	c	n-Nitrosodiphenylamine	0.597	0.619	-3.7	91	-0.01
67		4-Bromophenyl-phenylether	0.219	0.231	-5.5	93	-0.01
68		Hexachlorobenzene	0.260	0.272	-4.6	93	-0.02
69		Atrazine	0.152	0.120	21.1	92	0.00
70	C	Pentachlorophenol	0.181	0.194	-7.2	92	-0.02
71		Phenanthrene	1.091	1.108	-1.6	91	-0.02
72		Anthracene	1.052	1.105	-5.0	92	-0.02
73		Carbazole	1.027	1.088	-5.9	93	-0.02
74		Di-n-butylphthalate	1.280	1.425	-11.3	94	-0.02
75	C	Fluoranthene	1.298	1.355	-4.4	93	-0.02
76	I	Chrysene-d12	1.000	1.000	0.0	95	0.00
77		Benzidine	0.254	0.228	10.2	50#	-0.02
78		Pyrene	1.271	1.272	-0.1	93	-0.01
79	S	Terphenyl-d14	0.992	1.013	-2.1	94	-0.03
80		Butylbenzylphthalate	0.544	0.587	-7.9	94	-0.02
81		Benzo(a)anthracene	1.243	1.281	-3.1	95	0.00
82		3,3'-Dichlorobenzidine	0.436	0.471	-8.0	92	-0.02
83		Chrysene	1.191	1.217	-2.2	96	-0.01
84		Bis(2-ethylhexyl)phthalate	0.798	0.886	-11.0	95	0.00
85	c	Di-n-octyl phthalate	1.297	1.476	-13.8	96	0.00
86	I	Perylene-d12	1.000	1.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	1.388	1.460	-5.2	101	-0.02
88		Benzo(b)fluoranthene	1.199	1.237	-3.2	98	0.00
89		Benzo(k)fluoranthene	1.158	1.189	-2.7	98	0.00
90	C	Benzo(a)pyrene	1.034	1.082	-4.6	99	0.00
91		Dibenzo(a,h)anthracene	1.152	1.207	-4.8	100	0.00
92		Benzo(g,h,i)perylene	1.173	1.216	-3.7	99	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 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\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 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	94	0.00
2		1,4-Dioxane	40.000	40.412	-1.0	95	0.00
3		Pyridine	40.000	39.955	0.1	91	0.00
4		n-Nitrosodimethylamine	40.000	40.205	-0.5	93	0.00
5	S	2-Fluorophenol	80.000	81.302	-1.6	92	0.00
6		Aniline	40.000	41.370	-3.4	91	0.00
7	S	Phenol-d6	80.000	81.063	-1.3	91	0.00
8		2-Chlorophenol	40.000	40.334	-0.8	92	0.00
9		Benzaldehyde	40.000	42.024	-5.1	97	0.00
10	C	Phenol	40.000	40.306	-0.8	90	0.00
11		bis(2-Chloroethyl)ether	40.000	39.902	0.2	90	0.00
12		1,3-Dichlorobenzene	40.000	40.298	-0.7	93	0.00
13	C	1,4-Dichlorobenzene	40.000	40.516	-1.3	94	0.00
14		1,2-Dichlorobenzene	40.000	39.898	0.3	93	0.00
15		Benzyl Alcohol	40.000	41.621	-4.1	91	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.173	-0.4	90	0.00
17		2-Methylphenol	40.000	41.046	-2.6	91	0.00
18		Hexachloroethane	40.000	40.522	-1.3	94	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.471	-1.2	90	0.00
20		3+4-Methylphenols	40.000	40.810	-2.0	90	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	91	0.00
22		Acetophenone	40.000	41.652	-4.1	91	0.00
23	S	Nitrobenzene-d5	80.000	83.531	-4.4	91	0.00
24		Nitrobenzene	40.000	41.537	-3.8	90	0.00
25		Isophorone	40.000	41.648	-4.1	90	0.00
26	C	2-Nitrophenol	40.000	43.376	-8.4	92	0.00
27		2,4-Dimethylphenol	40.000	41.689	-4.2	90	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.402	-3.5	90	0.00
29	C	2,4-Dichlorophenol	40.000	42.461	-6.2	91	0.00
30		1,2,4-Trichlorobenzene	40.000	41.612	-4.0	92	0.00
31		Naphthalene	40.000	41.386	-3.5	92	0.00
32		Benzoic acid	40.000	40.959	-2.4	96	-0.04
33		4-Chloroaniline	40.000	42.937	-7.3	92	0.00
34	C	Hexachlorobutadiene	40.000	42.007	-5.0	93	0.00
35		Caprolactam	40.000	42.152	-5.4	92	-0.02
36	C	4-Chloro-3-methylphenol	40.000	41.737	-4.3	90	0.00
37		2-Methylnaphthalene	40.000	41.403	-3.5	92	0.00
38		1-Methylnaphthalene	40.000	41.210	-3.0	92	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	91	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	42.275	-5.7	92	0.00
41	P	Hexachlorocyclopentadiene	40.000	43.639	-9.1	89	-0.01
42	S	2,4,6-Tribromophenol	80.000	85.488	-6.9	93	-0.02
43	C	2,4,6-Trichlorophenol	40.000	43.329	-8.3	93	0.00
44		2,4,5-Trichlorophenol	40.000	42.828	-7.1	93	0.00
45	S	2-Fluorobiphenyl	80.000	84.715	-5.9	92	0.00
46		1,1'-Biphenyl	40.000	41.595	-4.0	91	-0.01
47		2-Chloronaphthalene	40.000	41.786	-4.5	92	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.475	-6.2	90	-0.01
49		Acenaphthylene	40.000	41.783	-4.5	91	0.00
50		Dimethylphthalate	40.000	41.478	-3.7	92	-0.02
51		2,6-Dinitrotoluene	40.000	42.990	-7.5	93	0.00
52	C	Acenaphthene	40.000	40.853	-2.1	91	-0.01
53		3-Nitroaniline	40.000	43.931	-9.8	92	0.00
54	P	2,4-Dinitrophenol	40.000	42.485	-6.2	95	-0.01
55		Dibenzofuran	40.000	40.679	-1.7	91	-0.02
56	P	4-Nitrophenol	40.000	44.968	-12.4	94	-0.01
57		2,4-Dinitrotoluene	40.000	43.527	-8.8	93	-0.01
58		Fluorene	40.000	41.750	-4.4	95	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	41.995	-5.0	92	0.00
60		Diethylphthalate	40.000	41.570	-3.9	92	-0.02
61		4-Chlorophenyl-phenylether	40.000	41.777	-4.4	94	-0.02
62		4-Nitroaniline	40.000	43.114	-7.8	92	-0.02
63		Azobenzene	40.000	41.686	-4.2	92	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	92	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	42.724	-6.8	95	-0.02
66	c	n-Nitrosodiphenylamine	40.000	41.500	-3.8	91	-0.01
67		4-Bromophenyl-phenylether	40.000	42.314	-5.8	93	-0.01
68		Hexachlorobenzene	40.000	41.909	-4.8	93	-0.02
69		Atrazine	40.000	31.567	21.1	92	0.00
70	C	Pentachlorophenol	40.000	42.900	-7.2	92	-0.02
71		Phenanthrene	40.000	40.615	-1.5	91	-0.02
72		Anthracene	40.000	42.051	-5.1	92	-0.02
73		Carbazole	40.000	42.351	-5.9	93	-0.02
74		Di-n-butylphthalate	40.000	44.539	-11.3	94	-0.02
75	C	Fluoranthene	40.000	41.771	-4.4	93	-0.02
76	I	Chrysene-d12	20.000	20.000	0.0	95	0.00
77		Benzidine	40.000	36.041	9.9	50	-0.02
78		Pyrene	40.000	40.022	-0.1	93	-0.01
79	S	Terphenyl-d14	80.000	81.649	-2.1	94	-0.03
80		Butylbenzylphthalate	40.000	43.107	-7.8	94	-0.02
81		Benzo(a)anthracene	40.000	41.207	-3.0	95	0.00
82		3,3'-Dichlorobenzidine	40.000	43.139	-7.8	92	-0.02
83		Chrysene	40.000	40.888	-2.2	96	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	44.400	-11.0	95	0.00
85	c	Di-n-octyl phthalate	40.000	45.513	-13.8	96	0.00
86	I	Perylene-d12	20.000	20.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.071	-5.2	101	-0.02
88		Benzo(b)fluoranthene	40.000	41.288	-3.2	98	0.00
89		Benzo(k)fluoranthene	40.000	41.081	-2.7	98	0.00
90	C	Benzo(a)pyrene	40.000	41.855	-4.6	99	0.00
91		Dibenzo(a,h)anthracene	40.000	41.902	-4.8	100	0.00
92		Benzo(g,h,i)perylene	40.000	41.455	-3.6	99	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 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: **BM050096.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: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: BNA_M Calibration Date/Time: 05/05/2025 12:18

Lab File ID: BM050096.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.095		-4.1	
Benzaldehyde	0.961	0.917		-4.6	
Phenol-d6	1.436	1.417		-1.3	
Phenol	1.453	1.425		-1.9	20.0
bis(2-Chloroethyl)ether	1.214	1.144		-5.8	
2-Chlorophenol	1.235	1.197		-3.1	
2-Methylphenol	0.957	0.951		-0.6	
2,2-oxybis(1-Chloropropane)	1.475	1.399		-5.2	
Acetophenone	0.497	0.471		-5.2	
3+4-Methylphenols	1.293	1.307		1.1	
n-Nitroso-di-n-propylamine	0.921	0.922	0.050	0.1	
Nitrobenzene-d5	0.406	0.383		-5.7	
Hexachloroethane	0.533	0.498		-6.6	
Nitrobenzene	0.351	0.331		-5.7	
Isophorone	0.692	0.662		-4.3	
2-Nitrophenol	0.179	0.181		1.1	20.0
2,4-Dimethylphenol	0.297	0.291		-2.0	
bis(2-Chloroethoxy)methane	0.428	0.405		-5.4	
2,4-Dichlorophenol	0.333	0.330		-0.9	20.0
Naphthalene	1.013	0.951		-6.1	
4-Chloroaniline	0.415	0.407		-1.9	
Hexachlorobutadiene	0.258	0.238		-7.8	20.0
Caprolactam	0.097	0.100		3.1	
4-Chloro-3-methylphenol	0.308	0.301		-2.3	20.0
2-Methylnaphthalene	0.679	0.646		-4.9	
Hexachlorocyclopentadiene	0.423	0.376	0.050	-11.1	
2,4,6-Trichlorophenol	0.439	0.433		-1.4	20.0
2-Fluorobiphenyl	1.691	1.567		-7.3	
2,4,5-Trichlorophenol	0.474	0.469		-1.1	
1,1-Biphenyl	1.487	1.376		-7.5	
2-Chloronaphthalene	1.177	1.088		-7.6	
2-Nitroaniline	0.276	0.274		-0.7	
Dimethylphthalate	1.462	1.361		-6.9	
Acenaphthylene	1.857	1.741		-6.2	
2,6-Dinitrotoluene	0.303	0.297		-2.0	
3-Nitroaniline	0.289	0.294		1.7	
Acenaphthene	1.075	0.996		-7.3	20.0
2,4-Dinitrophenol	0.164	0.171	0.050	4.3	
4-Nitrophenol	0.205	0.212	0.050	3.4	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: BNA_M Calibration Date/Time: 05/05/2025 12:18

Lab File ID: BM050096.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.788	1.672		-6.5	
2,4-Dinitrotoluene	0.418	0.417		-0.2	
Diethylphthalate	1.377	1.270		-7.8	
4-Chlorophenyl-phenylether	0.804	0.753		-6.3	
Fluorene	1.463	1.372		-6.2	
4-Nitroaniline	0.279	0.293		5.0	
4,6-Dinitro-2-methylphenol	0.125	0.125		0.0	
n-Nitrosodiphenylamine	0.614	0.580		-5.5	20.0
2,4,6-Tribromophenol	0.296	0.291		-1.7	
4-Bromophenyl-phenylether	0.242	0.226		-6.6	
Hexachlorobenzene	0.279	0.261		-6.5	
Atrazine	0.222	0.214		-3.6	
Pentachlorophenol	0.157	0.152		-3.2	20.0
Phenanthrene	1.128	1.050		-6.9	
Anthracene	1.142	1.073		-6.0	
Carbazole	0.991	0.945		-4.6	
Di-n-butylphthalate	1.180	1.105		-6.4	
Fluoranthene	1.324	1.269		-4.2	20.0
Pyrene	1.404	1.384		-1.4	
Terphenyl-d14	1.352	1.328		-1.8	
Butylbenzylphthalate	0.526	0.514		-2.3	
3,3-Dichlorobenzidine	0.527	0.514		-2.5	
Benzo(a)anthracene	1.377	1.294		-6.0	
Chrysene	1.275	1.185		-7.1	
Bis(2-ethylhexyl)phthalate	0.786	0.721		-8.3	
Di-n-octyl phthalate	1.296	1.204		-7.1	20.0
Benzo(b)fluoranthene	1.301	1.186		-8.8	
Benzo(k)fluoranthene	1.316	1.187		-9.8	
Benzo(a)pyrene	1.218	1.140		-6.4	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.405		-5.7	
Dibenzo(a,h)anthracene	1.215	1.150		-5.3	
Benzo(g,h,i)perylene	1.163	1.099		-5.5	
1,2,4,5-Tetrachlorobenzene	0.692	0.652		-5.8	
1,4-Dioxane	0.490	0.440		-10.2	20.0
2,3,4,6-Tetrachlorophenol	0.410	0.399		-2.7	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	253723	20.000	ng		-0.02
21) Naphthalene-d8	10.539	136	967980	20.000	ng		-0.02
39) Acenaphthene-d10	14.398	164	663376	20.000	ng		-0.01
64) Phenanthrene-d10	17.145	188	1334825	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	1249729	20.000	ng		-0.01
86) Perylene-d12	24.380	264	1253431	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1110988	76.675	ng		-0.02
7) Phenol-d6	6.934	99	1437961	78.959	ng		-0.02
23) Nitrobenzene-d5	8.910	82	1482829	75.486	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	772621	78.767	ng		-0.01
45) 2-Fluorobiphenyl	13.016	172	4158957	74.166	ng		-0.02
79) Terphenyl-d14	19.774	244	6640114	78.622	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	223507	35.976	ng		98
3) Pyridine	3.640	79	613802	38.453	ng		98
4) n-Nitrosodimethylamine	3.546	42	233972	37.372	ng		99
6) Aniline	7.075	93	898043	39.051	ng		99
8) 2-Chlorophenol	7.316	128	607512	38.778	ng		98
9) Benzaldehyde	6.892	77	465479	38.194	ng		98
10) Phenol	6.963	94	723253	39.230	ng		98
11) bis(2-Chloroethyl)ether	7.169	93	580714	37.722	ng		100
12) 1,3-Dichlorobenzene	7.634	146	712514	37.650	ng		99
13) 1,4-Dichlorobenzene	7.781	146	717230	37.725	ng		99
14) 1,2-Dichlorobenzene	8.098	146	691814	37.671	ng		100
15) Benzyl Alcohol	7.992	79	516687	40.911	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.269	45	709989	37.940	ng		99
17) 2-Methylphenol	8.210	107	482551	39.731	ng		99
18) Hexachloroethane	8.822	117	252677	37.387	ng		99
19) n-Nitroso-di-n-propyla...	8.557	70	467999	40.068	ng		100
20) 3+4-Methylphenols	8.539	107	663013	40.424	ng		99
22) Acetophenone	8.569	105	910945	37.853	ng	#	99
24) Nitrobenzene	8.951	77	640531	37.711	ng		99
25) Isophorone	9.475	82	1281550	38.272	ng		99
26) 2-Nitrophenol	9.657	139	350488	40.391	ng		99
27) 2,4-Dimethylphenol	9.733	122	564199	39.207	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	784616	37.911	ng		99
29) 2,4-Dichlorophenol	10.210	162	639475	39.667	ng		98
30) 1,2,4-Trichlorobenzene	10.404	180	735664	37.455	ng		100
31) Naphthalene	10.592	128	1841162	37.558	ng		100
32) Benzoic acid	9.904	122	382848	41.598	ng		95
33) 4-Chloroaniline	10.710	127	788885	39.262	ng		99
34) Hexachlorobutadiene	10.874	225	460750	36.955	ng		99
35) Caprolactam	11.504	113	193827	41.235	ng		98
36) 4-Chloro-3-methylphenol	11.857	107	583518	39.178	ng		99
37) 2-Methylnaphthalene	12.210	142	1250848	38.059	ng		99
38) 1-Methylnaphthalene	12.427	142	1314594	37.796	ng		98
40) 1,2,4,5-Tetrachloroben...	12.580	216	864920	37.664	ng		100
41) Hexachlorocyclopentadiene	12.557	237	498851	35.546	ng		99
43) 2,4,6-Trichlorophenol	12.833	196	573909	39.402	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

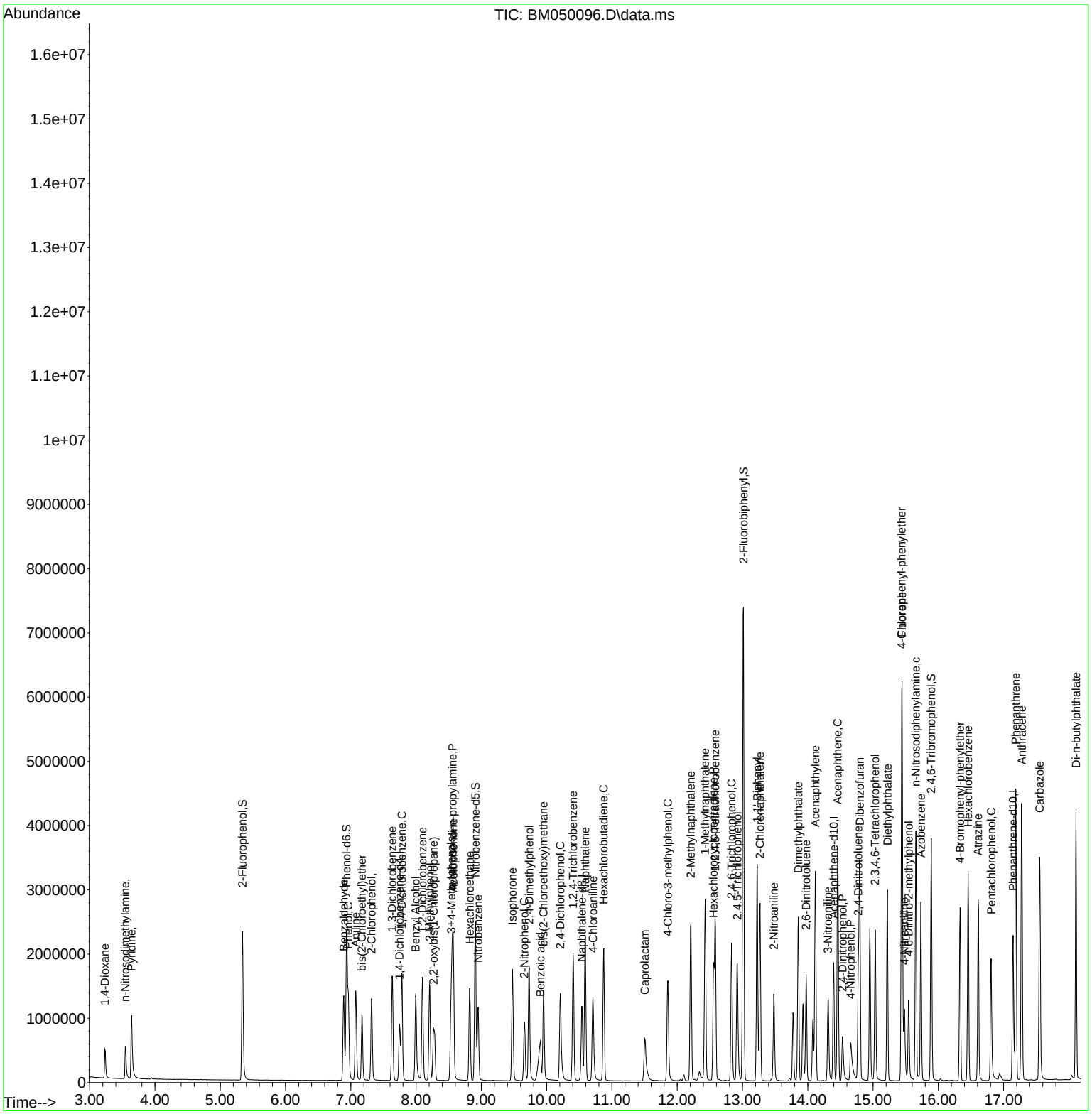
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.921	196	621796	39.588	ng	99
46) 1,1'-Biphenyl	13.227	154	1825108	37.011	ng	99
47) 2-Chloronaphthalene	13.268	162	1443971	36.973	ng	100
48) 2-Nitroaniline	13.480	65	363286	39.633	ng	99
49) Acenaphthylene	14.115	152	2310020	37.514	ng	100
50) Dimethylphthalate	13.857	163	1805057	37.233	ng	100
51) 2,6-Dinitrotoluene	13.974	165	393554	39.208	ng	99
52) Acenaphthene	14.457	154	1322056	37.091	ng	100
53) 3-Nitroaniline	14.310	138	390100	40.707	ng	100
54) 2,4-Dinitrophenol	14.533	184	227150	38.565	ng	98
55) Dibenzofuran	14.798	168	2218445	37.408	ng	99
56) 4-Nitrophenol	14.657	139	280919	38.524	ng	100
57) 2,4-Dinitrotoluene	14.774	165	553885	39.934	ng	98
58) Fluorene	15.445	166	1820845	37.511	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.033	232	530016	38.984	ng	98
60) Diethylphthalate	15.221	149	1685311	36.893	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	999499	37.488	ng	99
62) 4-Nitroaniline	15.480	138	388801	42.051	ng	99
63) Azobenzene	15.733	77	1421023	37.117	ng	97
65) 4,6-Dinitro-2-methylph...	15.545	198	333899	39.962	ng	99
66) n-Nitrosodiphenylamine	15.657	169	1548448	37.777	ng	98
67) 4-Bromophenyl-phenylether	16.333	248	603599	37.394	ng	97
68) Hexachlorobenzene	16.456	284	697206	37.471	ng	97
69) Atrazine	16.609	200	571836	38.676	ng	99
70) Pentachlorophenol	16.809	266	406540	38.816	ng	99
71) Phenanthrene	17.186	178	2802096	37.219	ng	100
72) Anthracene	17.280	178	2864342	37.595	ng	100
73) Carbazole	17.551	167	2522772	38.159	ng	99
74) Di-n-butylphthalate	18.109	149	2948729	37.453	ng	99
75) Fluoranthene	19.209	202	3388771	38.339	ng	99
77) Benzidine	19.392	184	1768881	39.848	ng	99
78) Pyrene	19.568	202	3459686	39.422	ng	100
80) Butylbenzylphthalate	20.468	149	1284636	39.083	ng	99
81) Benzo(a)anthracene	21.374	228	3234550	37.585	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	1283648	38.964	ng	100
83) Chrysene	21.433	228	2962136	37.189	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	1801797	36.699	ng	99
85) Di-n-octyl phthalate	22.409	149	3010178	37.178	ng	99
87) Indeno(1,2,3-cd)pyrene	27.773	276	3521793	37.708	ng	99
88) Benzo(b)fluoranthene	23.438	252	2973664	36.480	ng	100
89) Benzo(k)fluoranthene	23.497	252	2976318	36.097	ng	100
90) Benzo(a)pyrene	24.244	252	2858100	37.436	ng	100
91) Dibenzo(a,h)anthracene	27.815	278	2883384	37.873	ng	99
92) Benzo(g,h,i)perylene	28.826	276	2755094	37.799	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
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Instrument :
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Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
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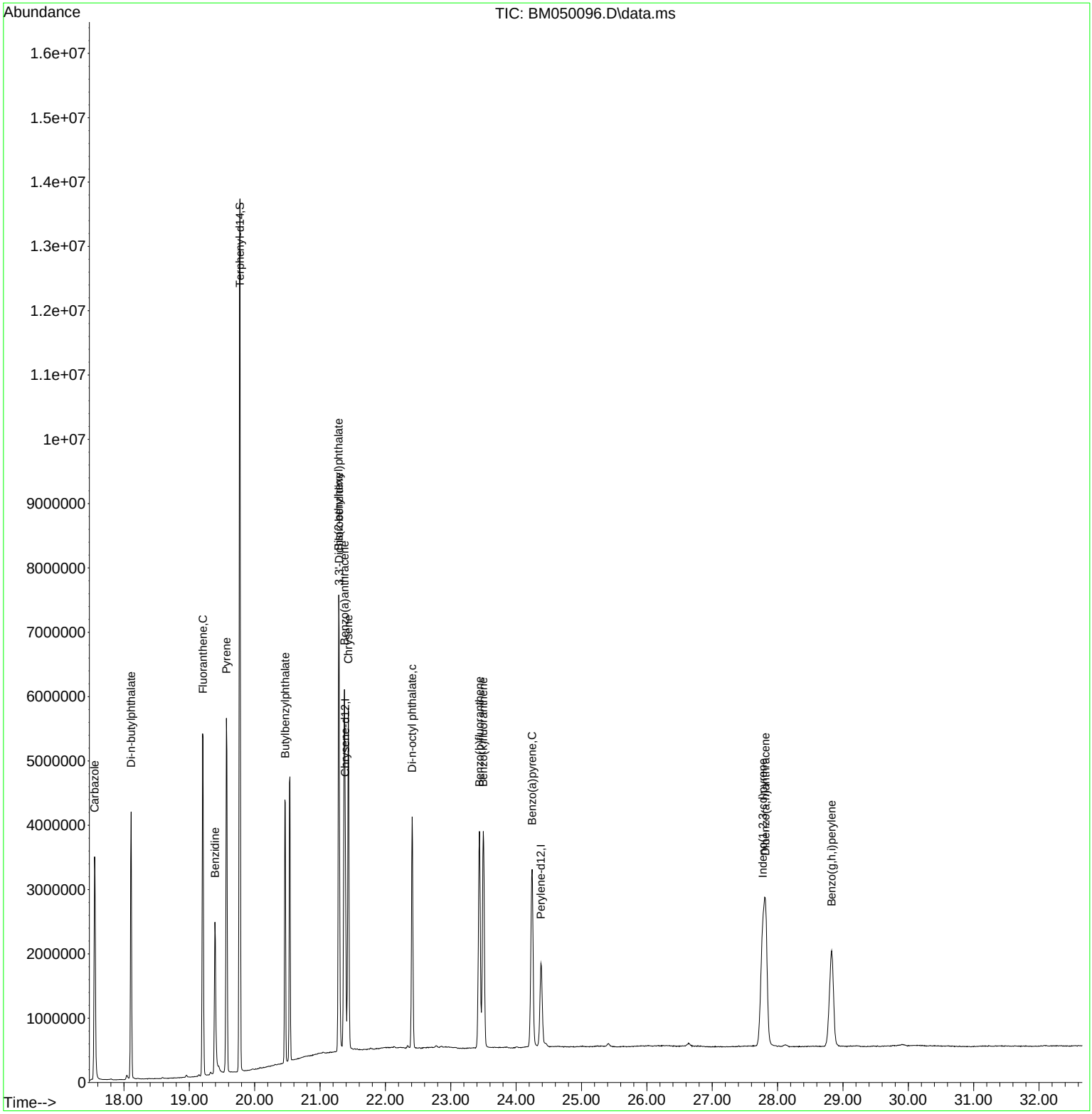
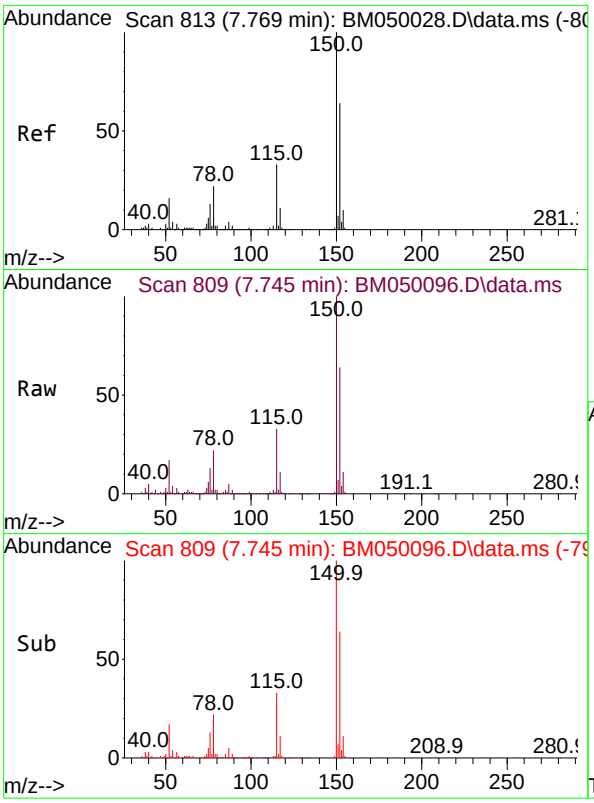


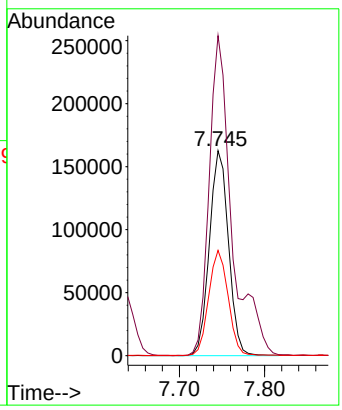


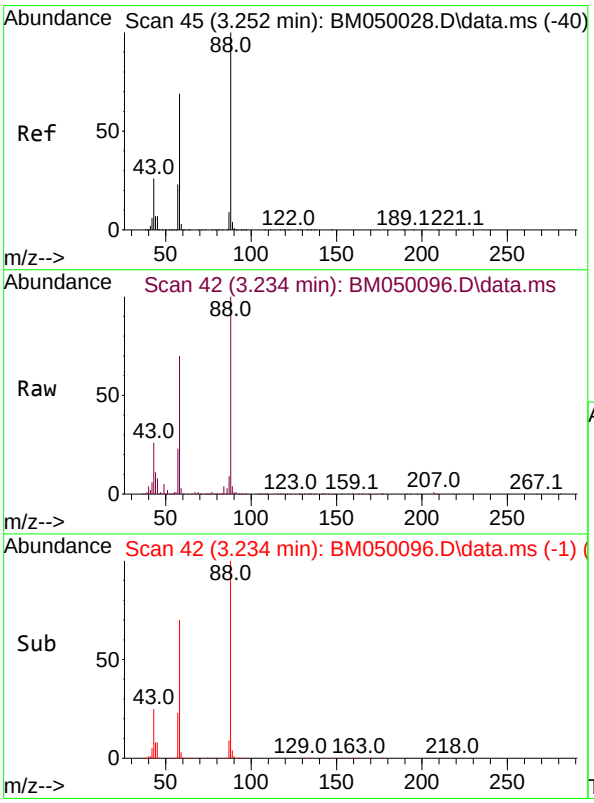
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 253723

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.1	186.1
115	51.4	41.2	61.8

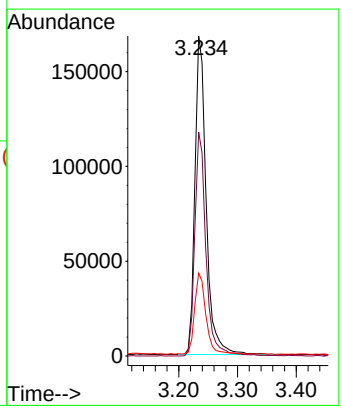


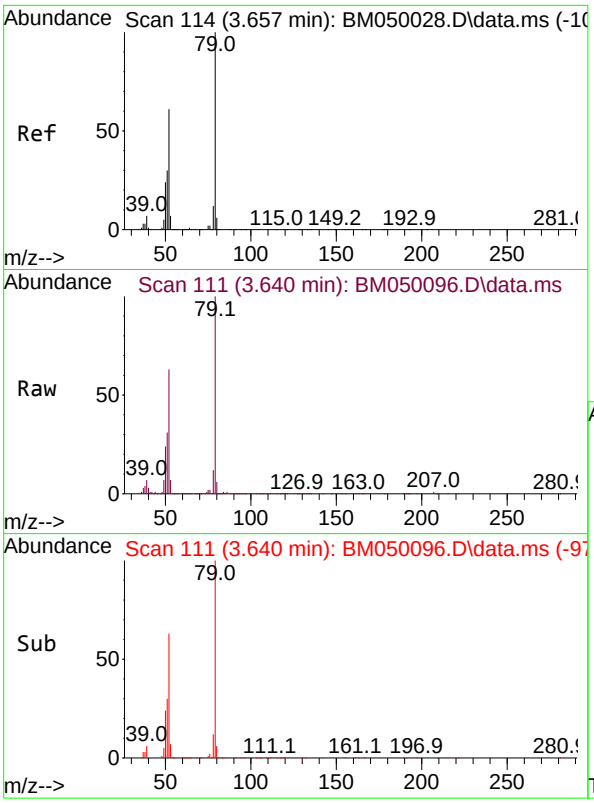


#2
1,4-Dioxane
Concen: 35.976 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 88 Resp: 223507

Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.1	82.7
43	25.4	20.9	31.3



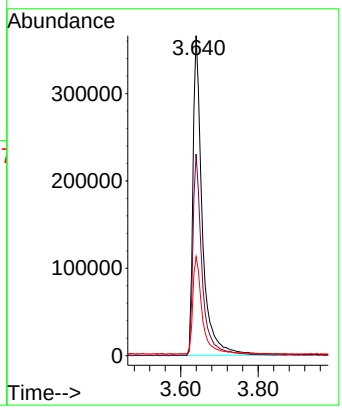


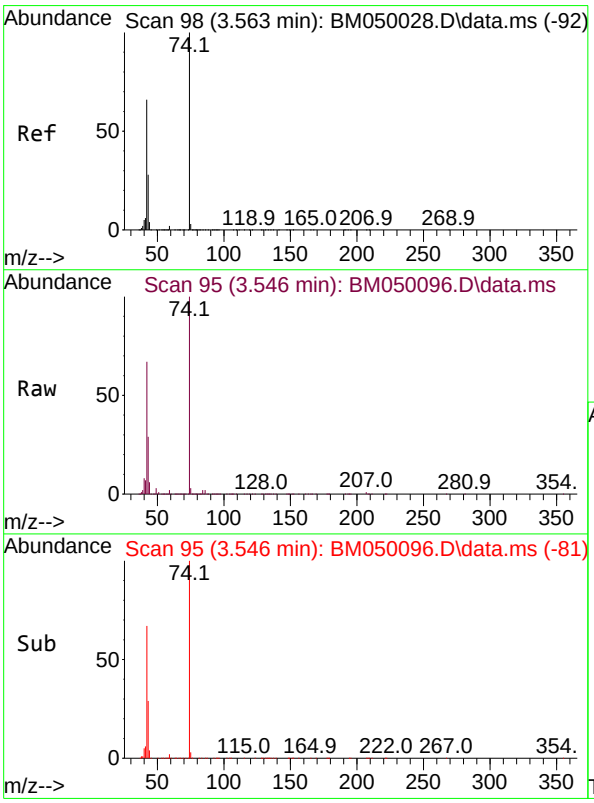
#3
Pyridine
Concen: 38.453 ng
RT: 3.640 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 613802

Ion	Ratio	Lower	Upper
79	100		
52	63.0	48.6	72.8
51	30.9	24.6	37.0

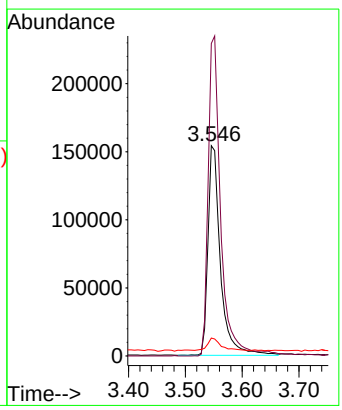


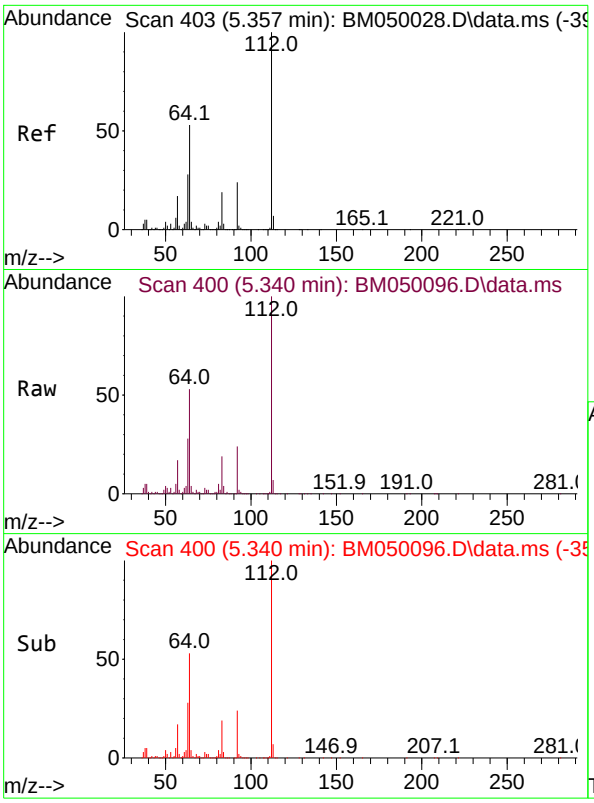


#4
n-Nitrosodimethylamine
Concen: 37.372 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 42 Resp: 233972

Ion	Ratio	Lower	Upper
42	100		
74	148.6	120.2	180.2
44	8.5	6.2	9.2



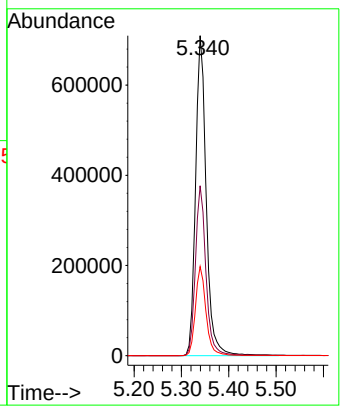


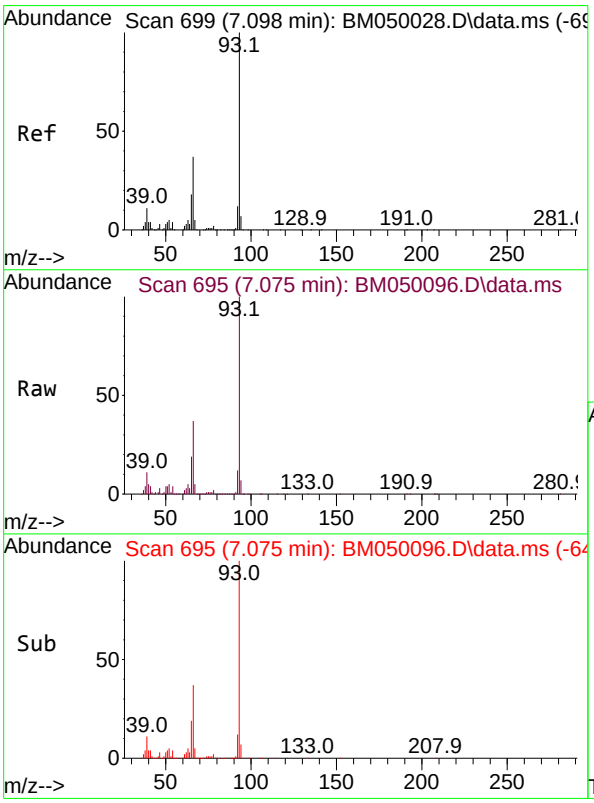
#5
2-Fluorophenol
Concen: 76.675 ng
RT: 5.340 min Scan# 4(
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1110988

Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.6	64.0
63	27.9	22.2	33.4

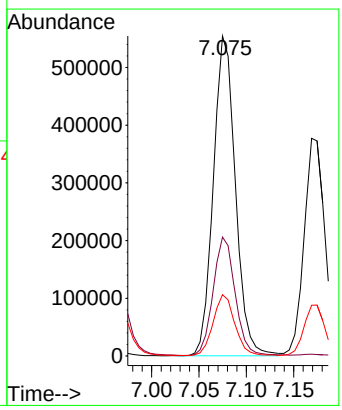


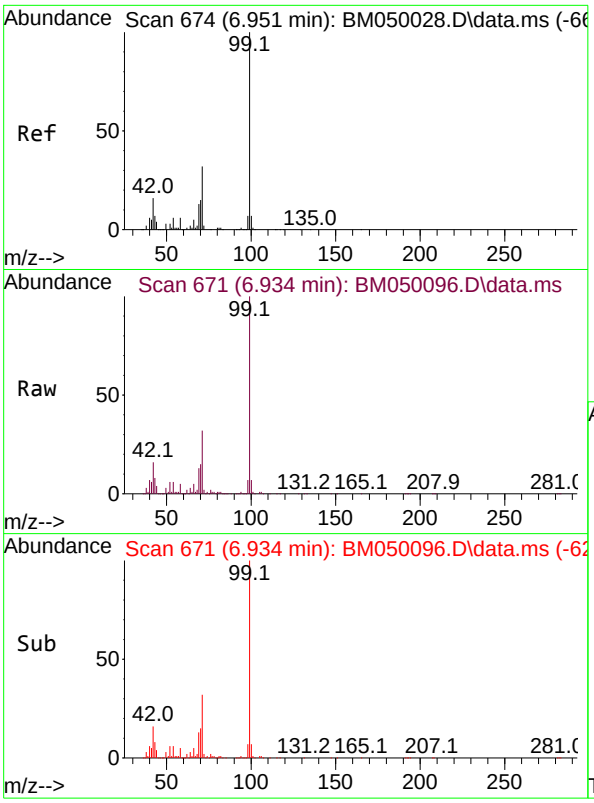


#6
Aniline
Concen: 39.051 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 93 Resp: 898043

Ion	Ratio	Lower	Upper
93	100		
66	37.2	29.9	44.9
65	19.1	14.5	21.7



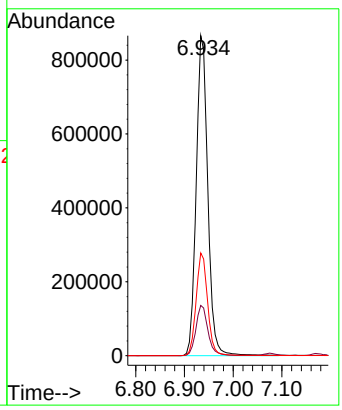


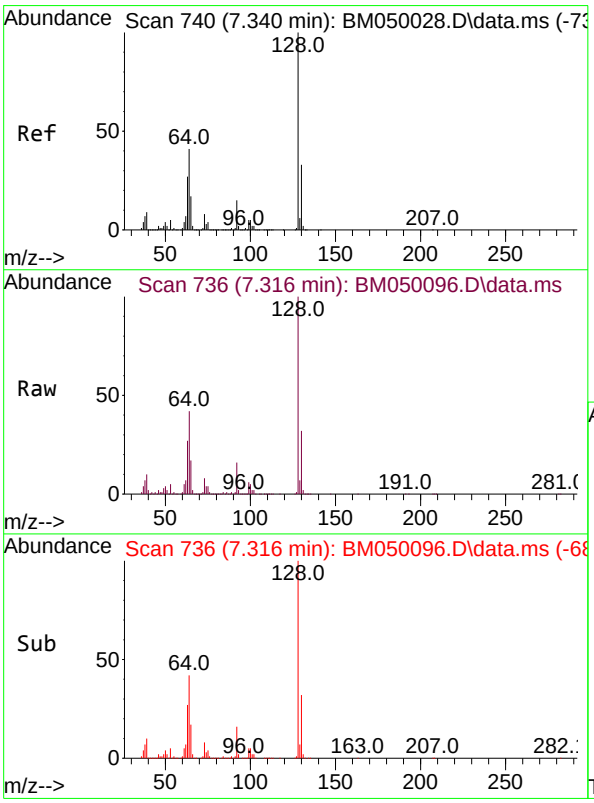
#7
Phenol-d6
Concen: 78.959 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1437961

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	32.1	25.6	38.4

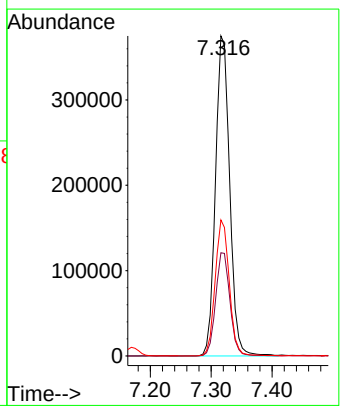


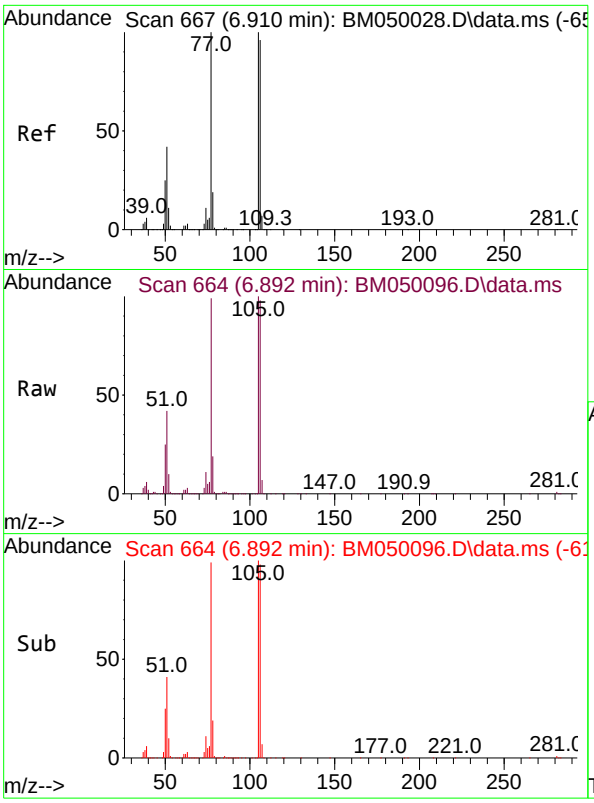


#8
2-Chlorophenol
Concen: 38.778 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:128 Resp: 607512

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.8	52.8
64	42.5	21.2	61.2



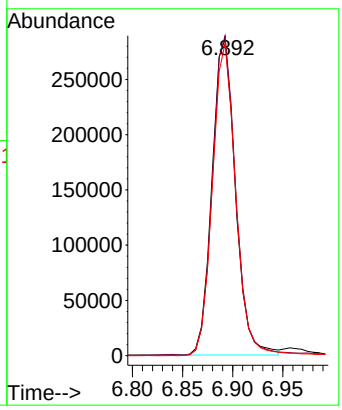


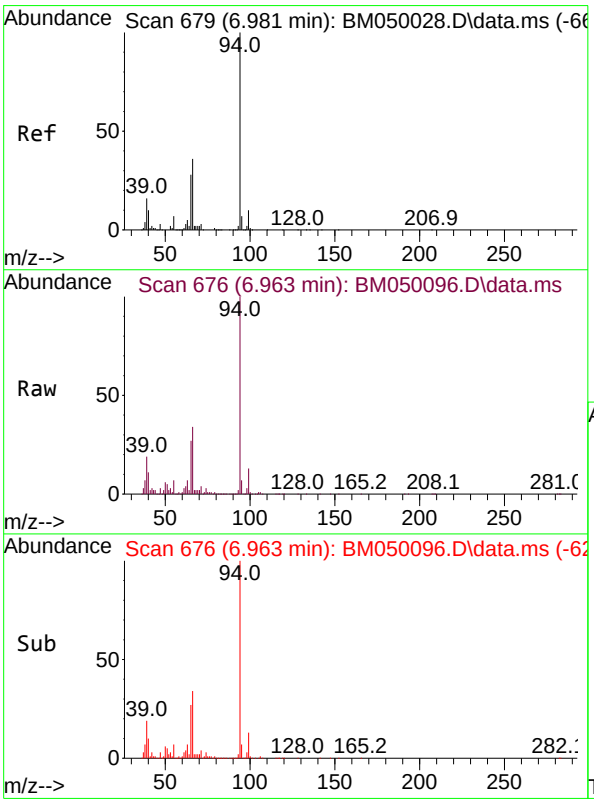
#9
Benzaldehyde
Concen: 38.194 ng
RT: 6.892 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 465479

Ion	Ratio	Lower	Upper
77	100		
105	101.0	80.5	120.5
106	98.6	76.1	116.1

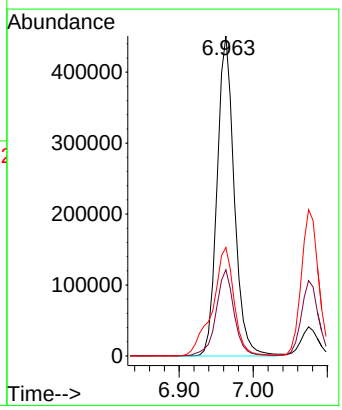


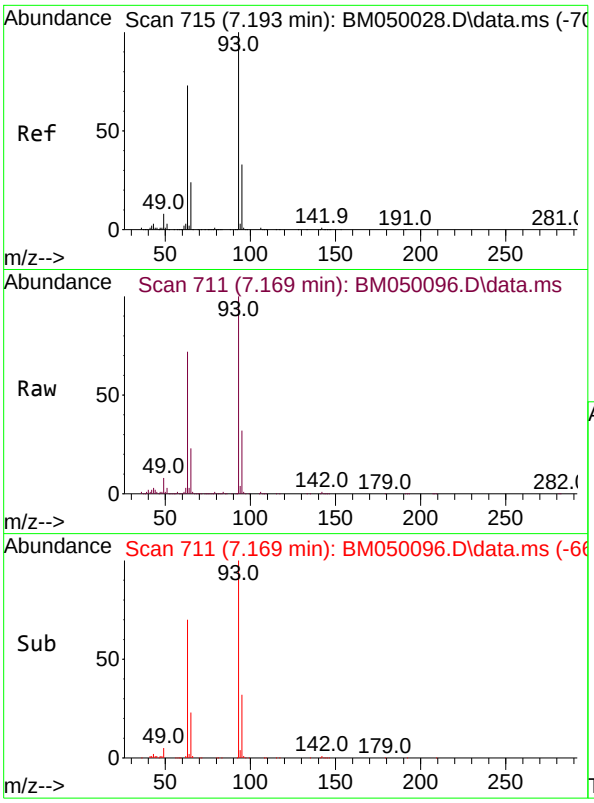


#10
Phenol
Concen: 39.230 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 94 Resp: 723253

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.6	47.6
66	33.9	15.8	55.8



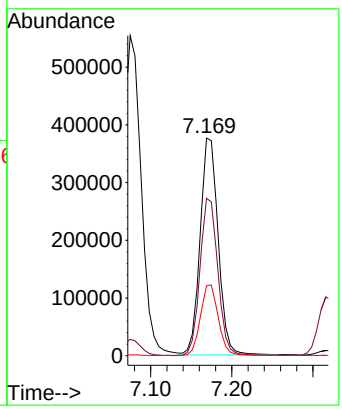


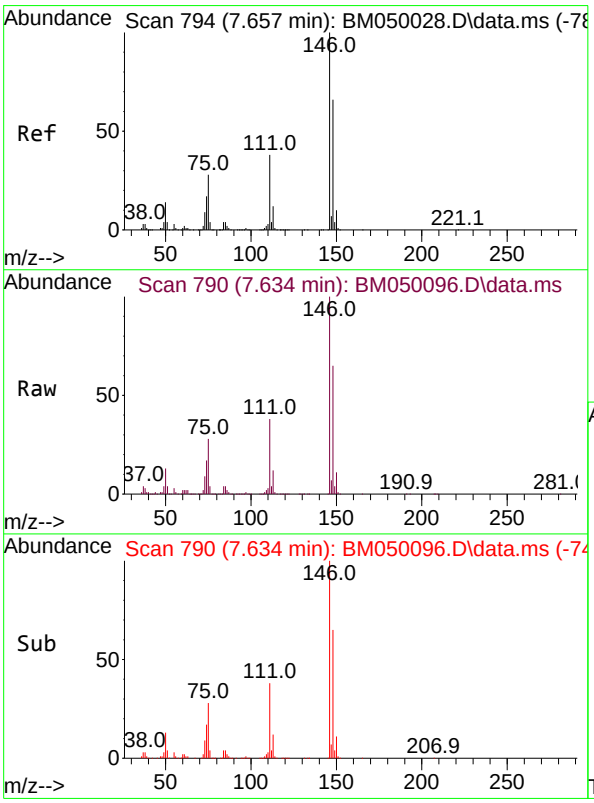
#11
bis(2-Chloroethyl)ether
Concen: 37.722 ng
RT: 7.169 min Scan# 7
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 580714

Ion	Ratio	Lower	Upper
93	100		
63	72.3	52.3	92.3
95	32.1	12.8	52.8

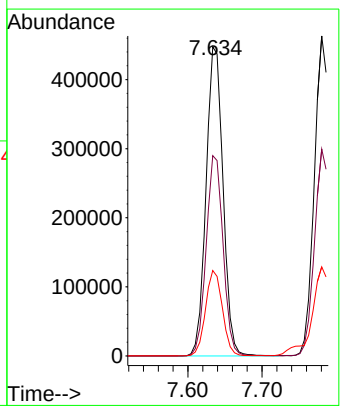


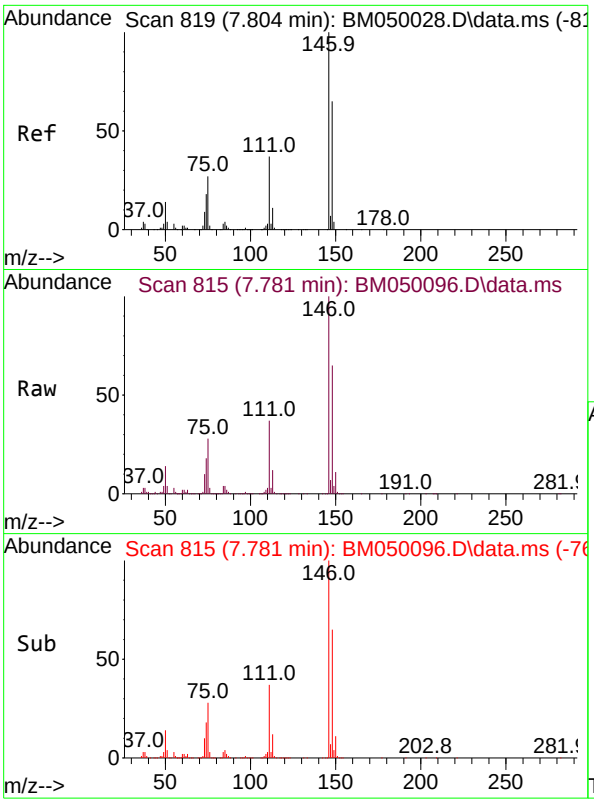


#12
1,3-Dichlorobenzene
Concen: 37.650 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:146 Resp: 712514

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.5	78.7
75	27.7	22.6	34.0



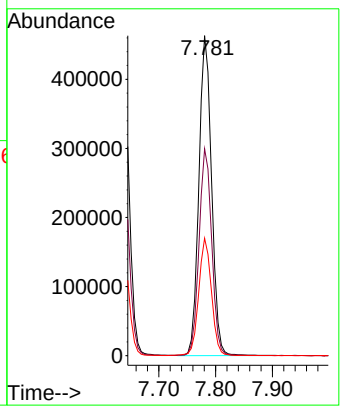


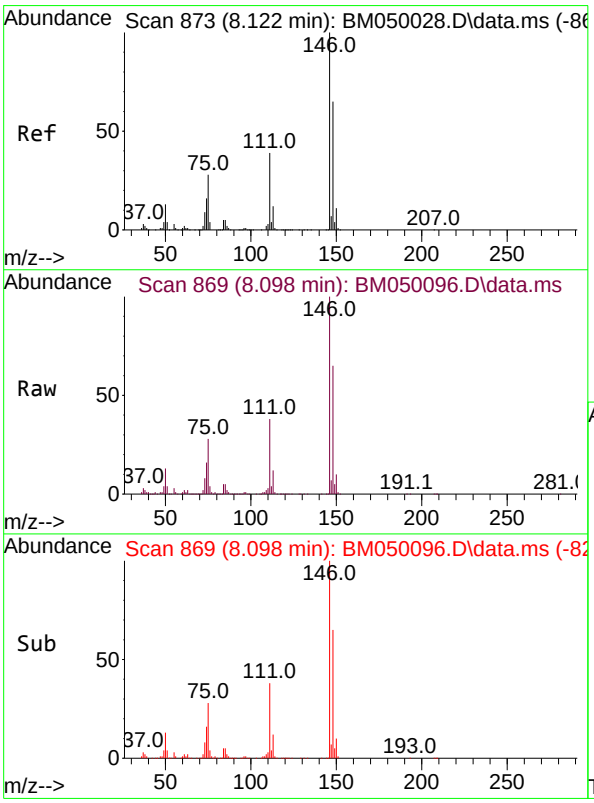
#13
1,4-Dichlorobenzene
Concen: 37.725 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 717230

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	36.7	29.3	43.9

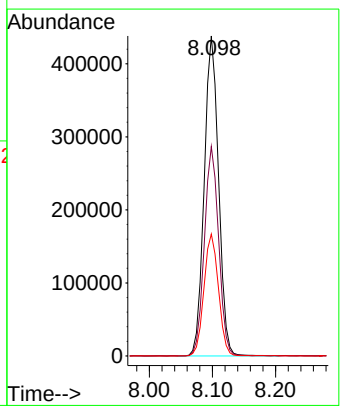


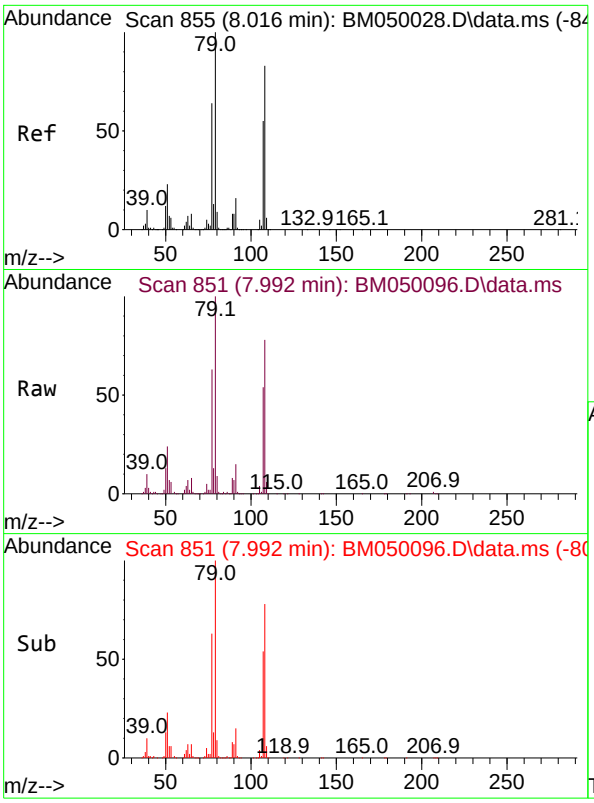


#14
1,2-Dichlorobenzene
Concen: 37.671 ng
RT: 8.098 min Scan# 869
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:146 Resp: 691814

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.4	78.6
111	38.1	31.0	46.6



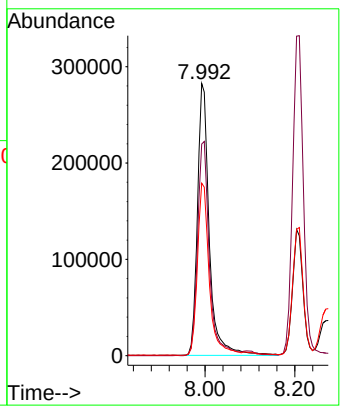


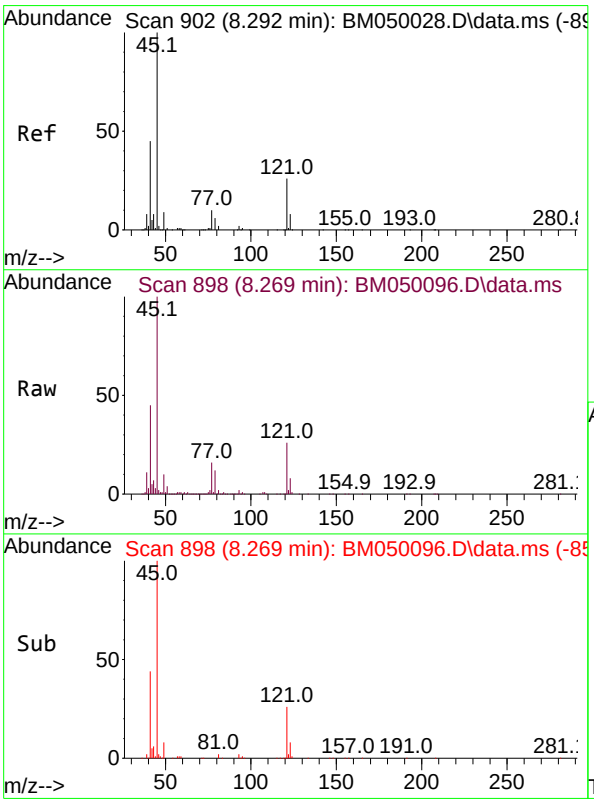
#15
Benzyl Alcohol
Concen: 40.911 ng
RT: 7.992 min Scan# 8
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 516687

Ion	Ratio	Lower	Upper
79	100		
108	77.7	66.0	99.0
77	63.3	51.6	77.4

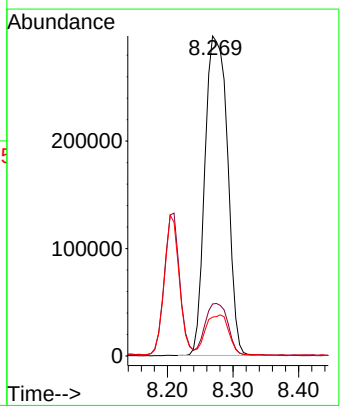


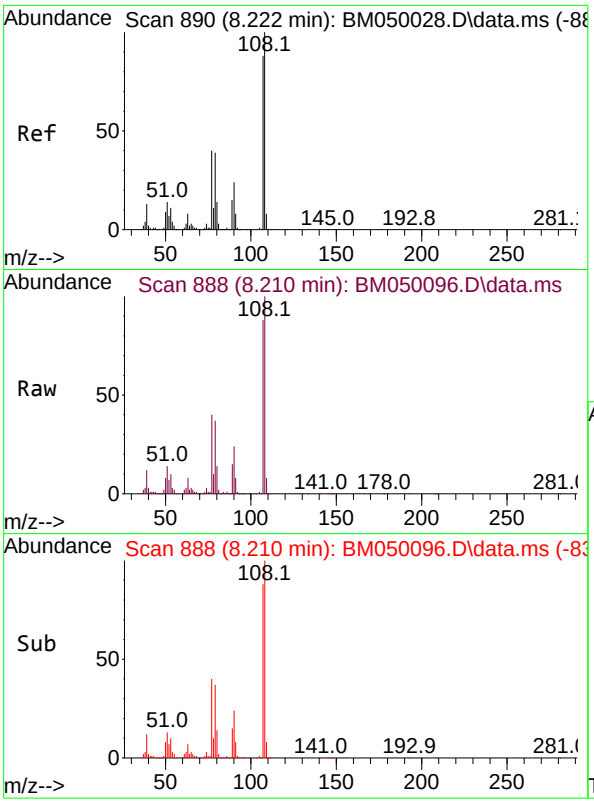


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.940 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 45 Resp: 709989

Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	36.4
79	12.1	0.0	32.7



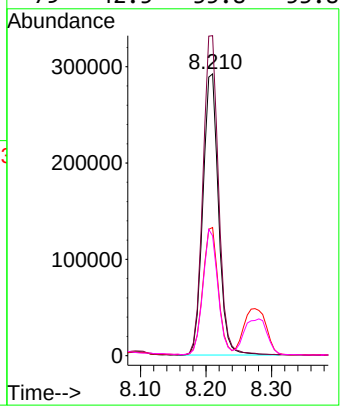


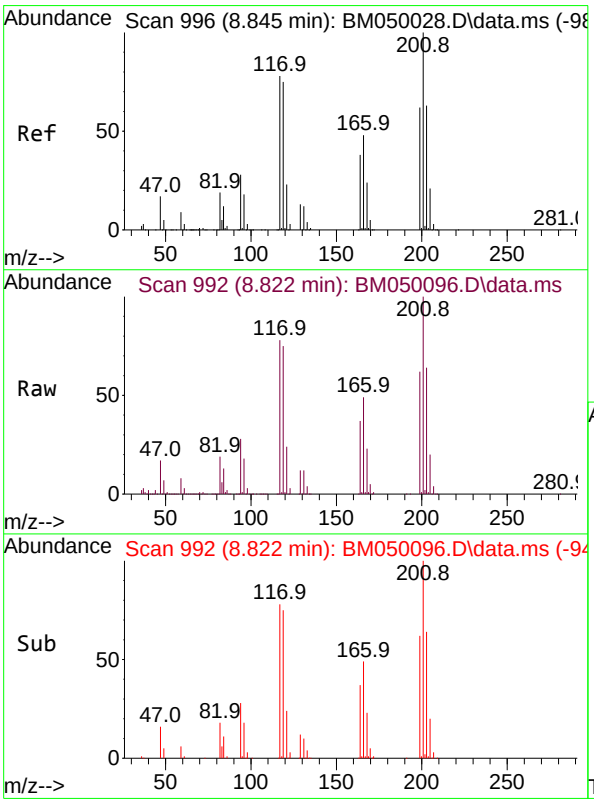
#17
2-Methylphenol
Concen: 39.731 ng
RT: 8.210 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 482551

Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.1	136.7
77	45.5	36.2	54.4
79	42.5	35.8	53.8

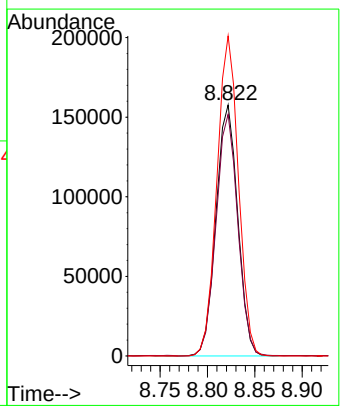


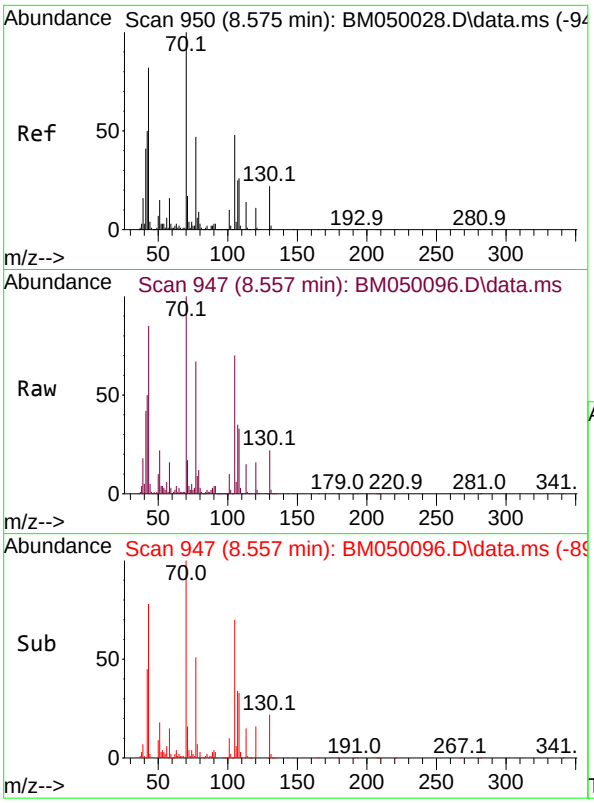


#18
Hexachloroethane
Concen: 37.387 ng
RT: 8.822 min Scan# 992
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:117 Resp: 252677

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.3	115.9
201	127.5	102.8	154.2



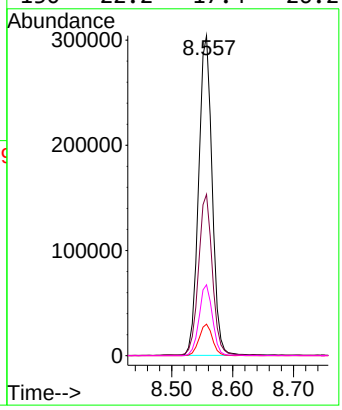


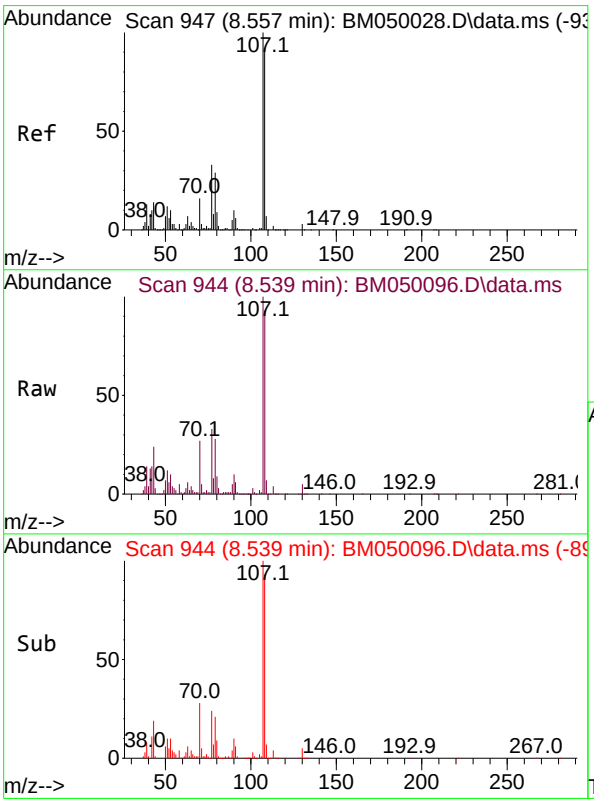
#19
n-Nitroso-di-n-propylamine
Concen: 40.068 ng
RT: 8.557 min Scan# 94
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 467999

Ion	Ratio	Lower	Upper
70	100		
42	50.4	40.5	60.7
101	9.8	7.8	11.6
130	22.2	17.4	26.2

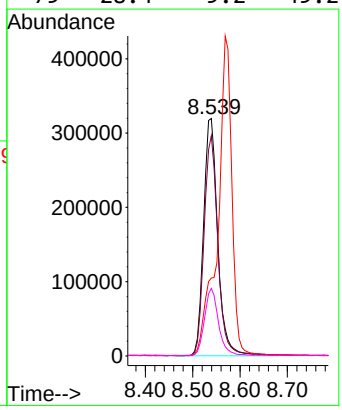


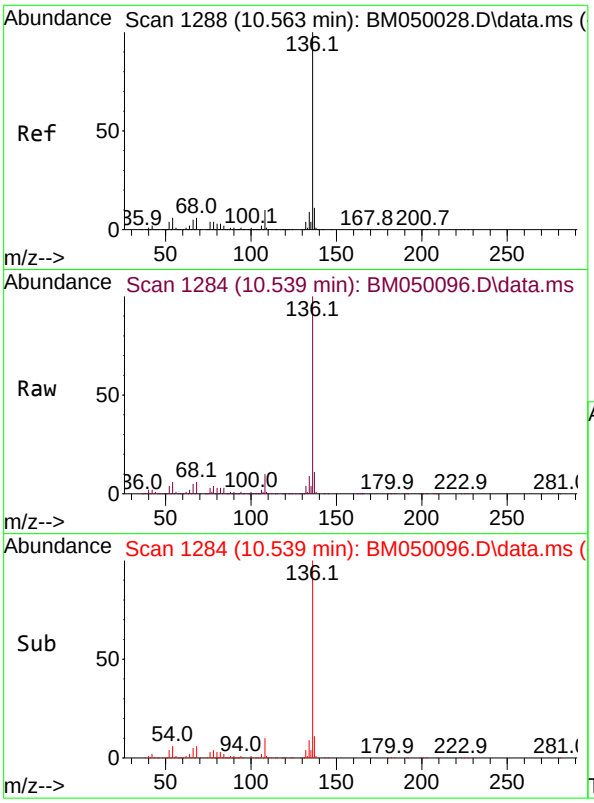


#20
3+4-Methylphenols
Concen: 40.424 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:107 Resp: 663013

Ion	Ratio	Lower	Upper
107	100		
108	92.8	72.4	112.4
77	32.8	13.6	53.6
79	28.4	9.2	49.2



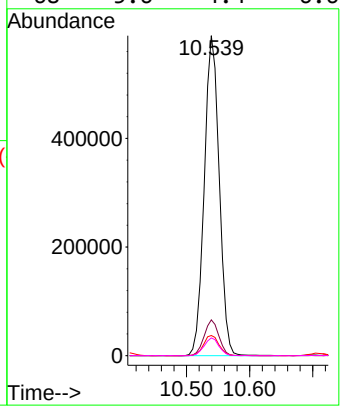


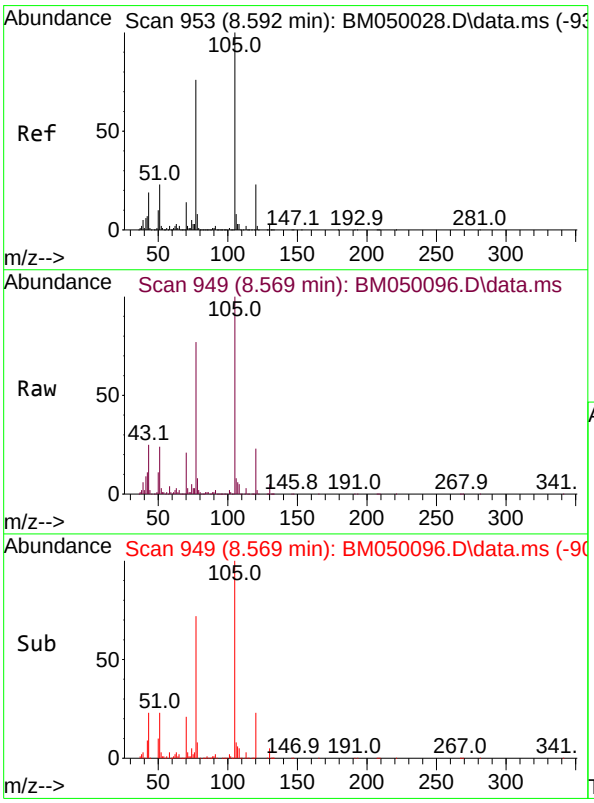
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 967980

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	5.1	7.7
68	5.6	4.4	6.6

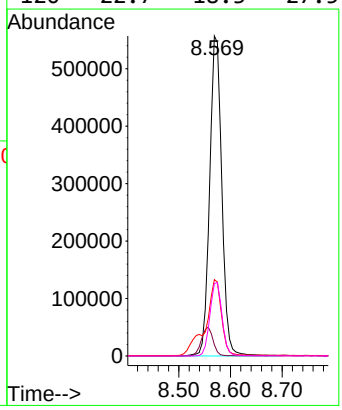


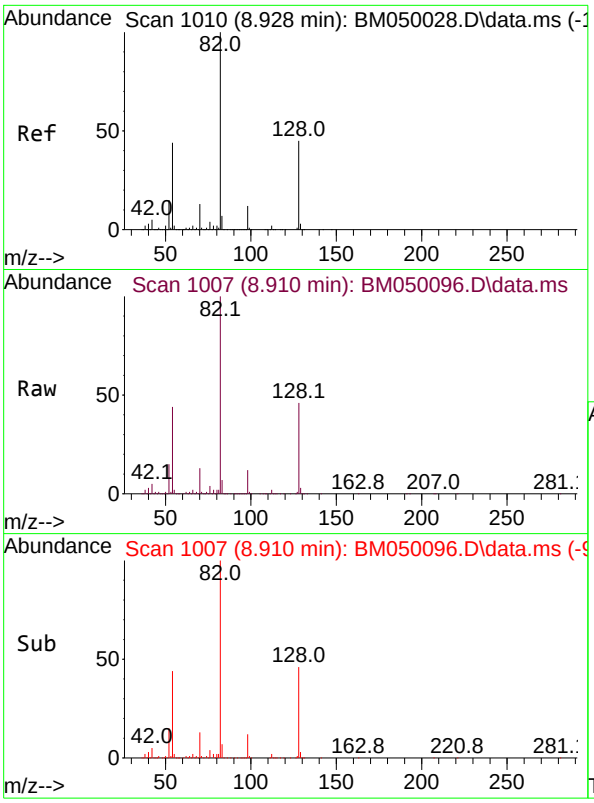


#22
Acetophenone
Concen: 37.853 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:105 Resp: 910945

Ion	Ratio	Lower	Upper
105	100		
71	3.5	1.7	2.5#
51	23.8	18.6	27.8
120	22.7	18.3	27.5



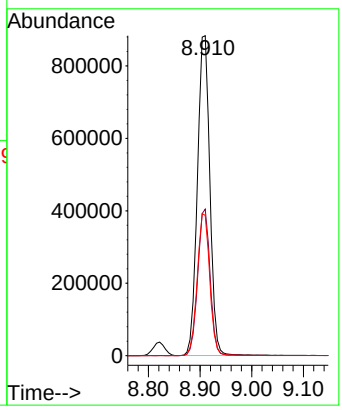


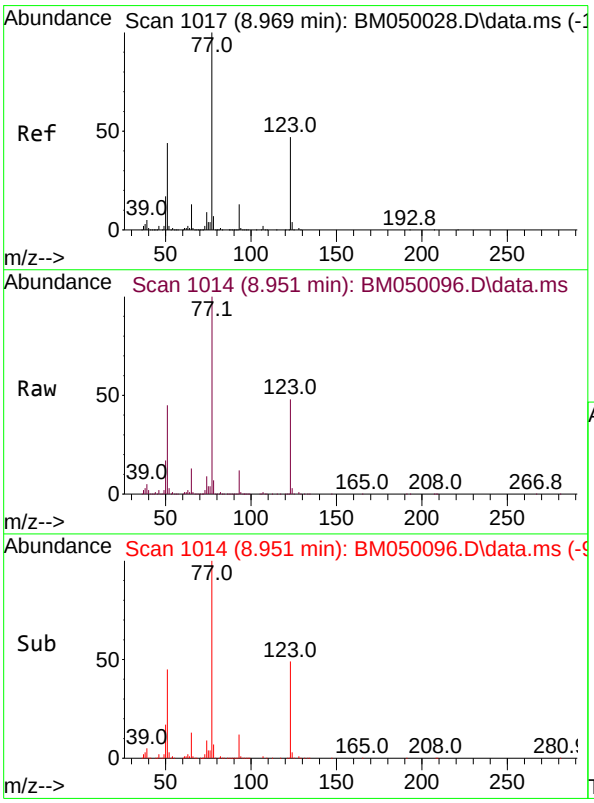
#23
Nitrobenzene-d5
Concen: 75.486 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1482829

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.7	53.5
54	43.8	35.4	53.2

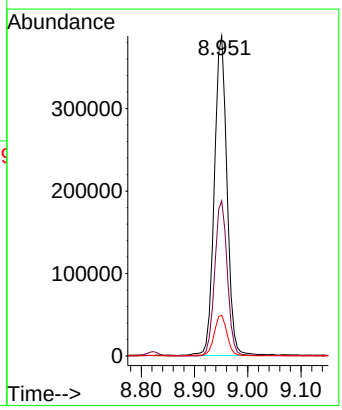


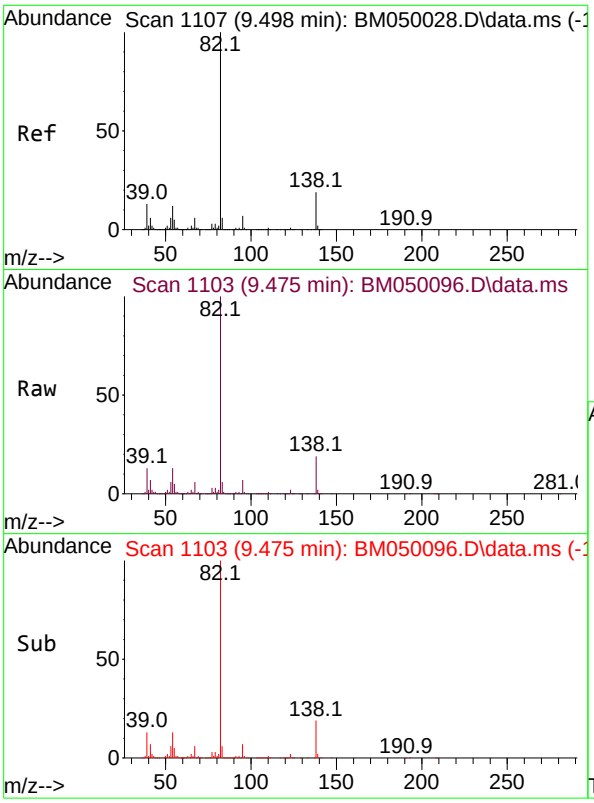


#24
Nitrobenzene
Concen: 37.711 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 77 Resp: 640531

Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.9	56.9
65	12.7	10.1	15.1



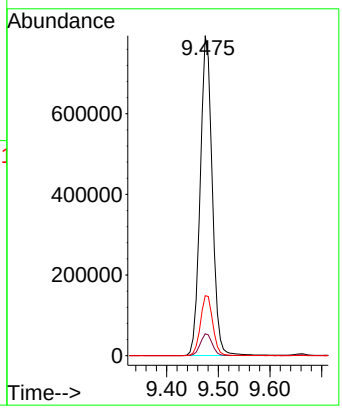


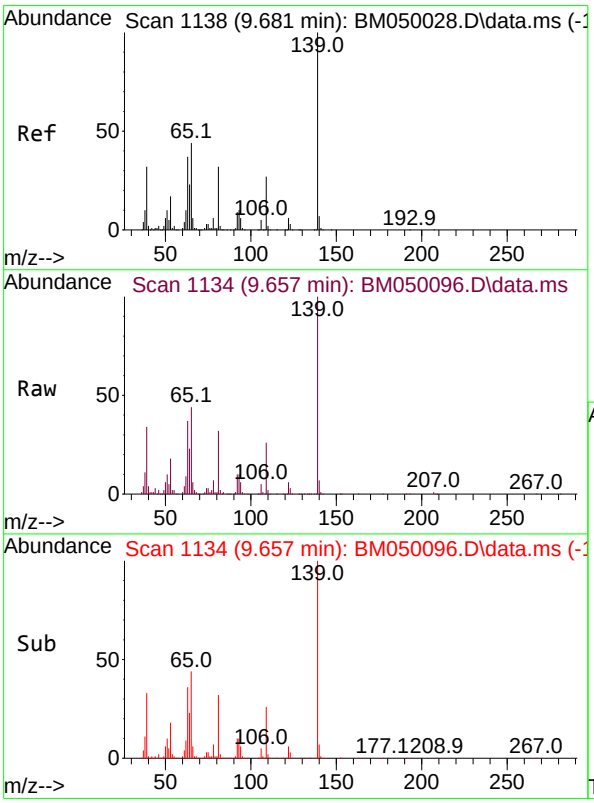
#25
Isophorone
Concen: 38.272 ng
RT: 9.475 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1281550

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	18.7	15.5	23.3

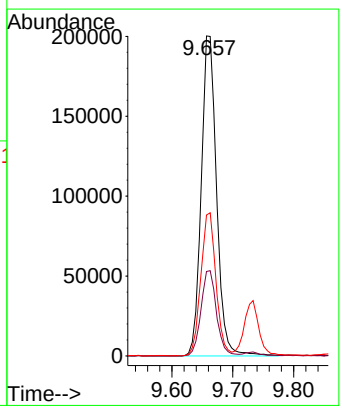


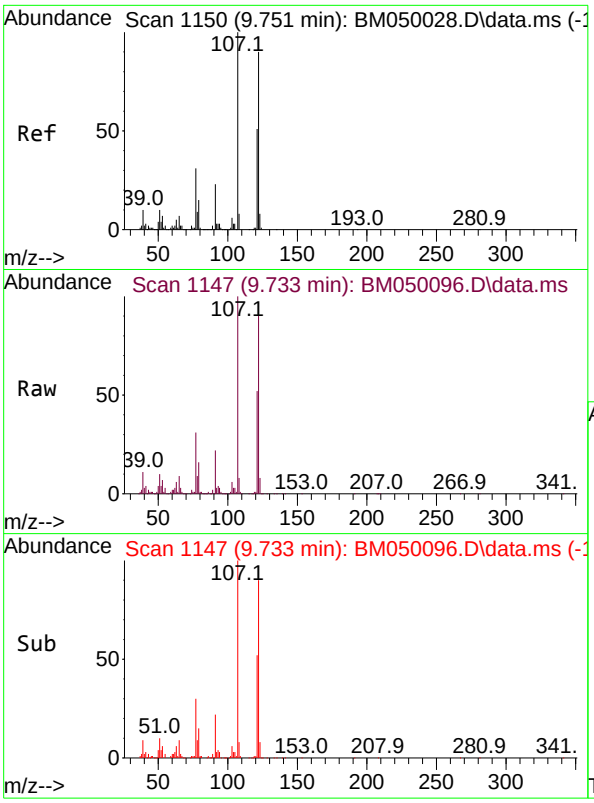


#26
2-Nitrophenol
Concen: 40.391 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:139 Resp: 350488

Ion	Ratio	Lower	Upper
139	100		
109	26.4	21.9	32.9
65	44.0	35.4	53.2



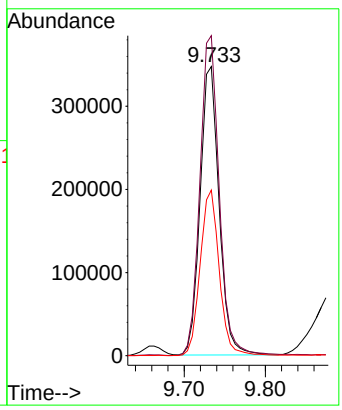


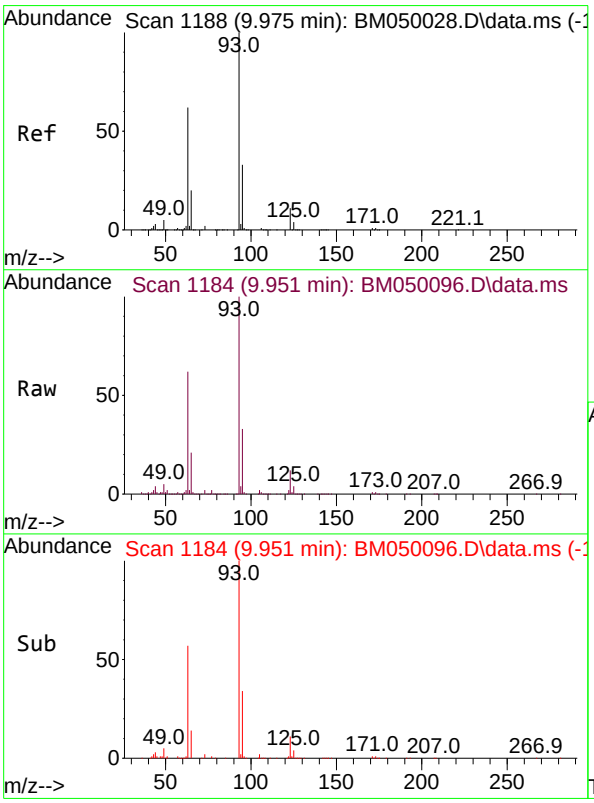
#27
2,4-Dimethylphenol
Concen: 39.207 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 564199

Ion	Ratio	Lower	Upper
122	100		
107	110.7	89.0	133.6
121	57.3	45.6	68.4

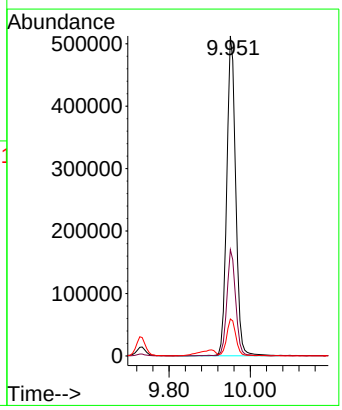


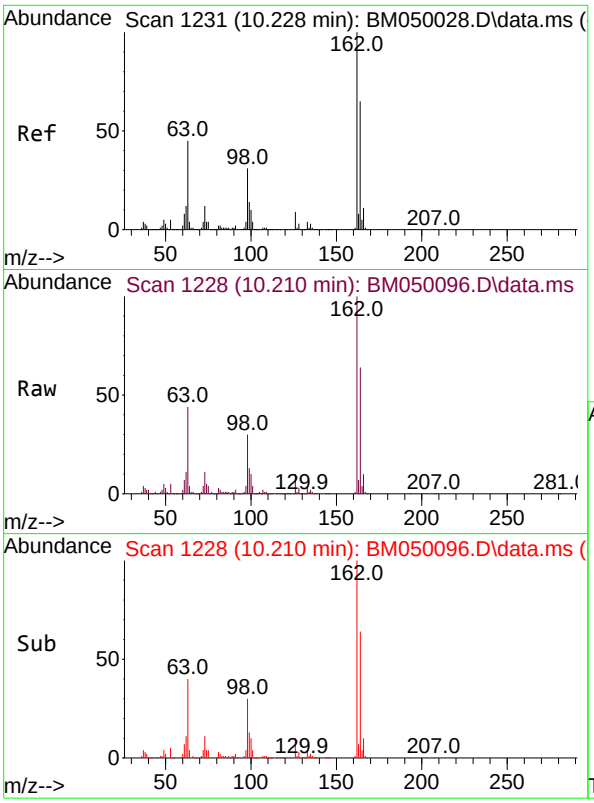


#28
bis(2-Chloroethoxy)methane
Concen: 37.911 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 93 Resp: 784616

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.1	39.1
123	11.5	9.5	14.3



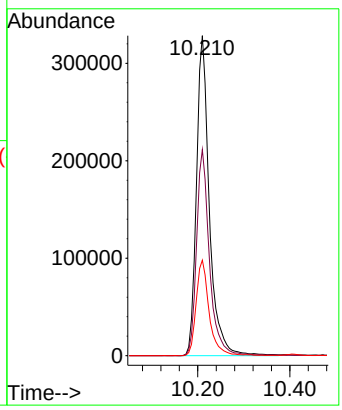


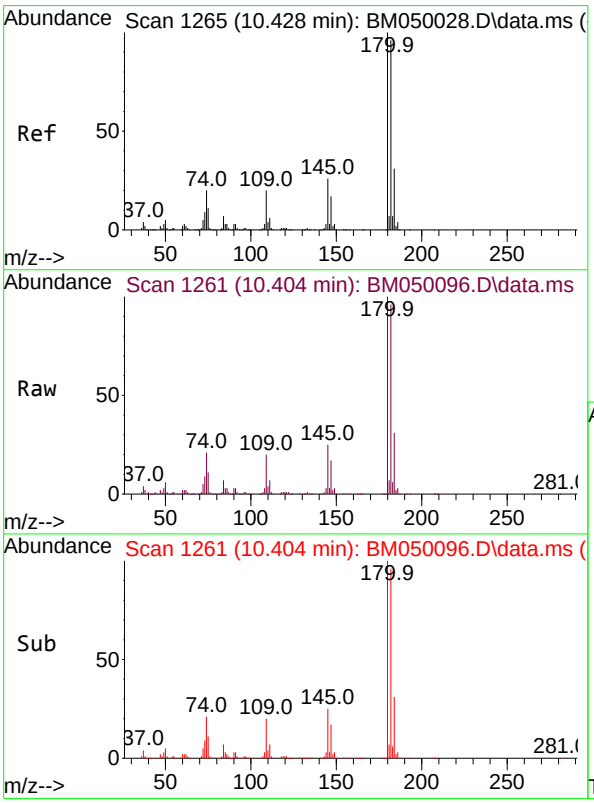
#29
2,4-Dichlorophenol
Concen: 39.667 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 639475

Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.4	85.4
98	29.9	11.3	51.3

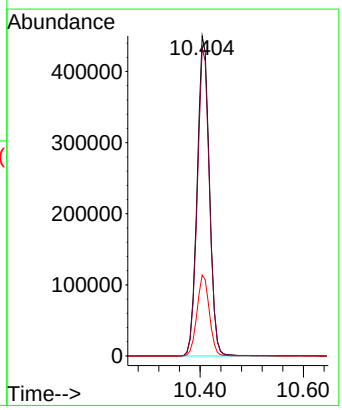


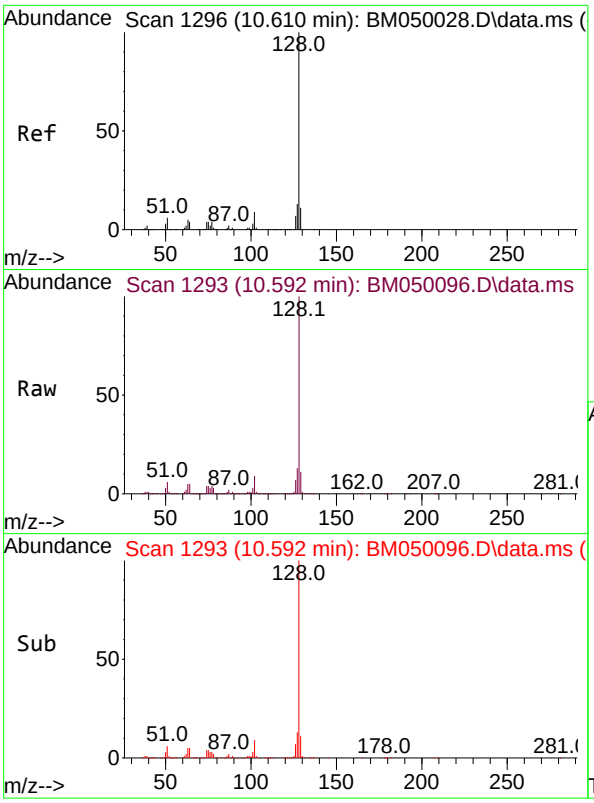


#30
1,2,4-Trichlorobenzene
Concen: 37.455 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:180 Resp: 735664

Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
145	25.3	20.6	30.8



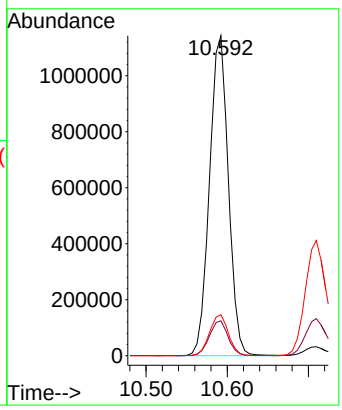


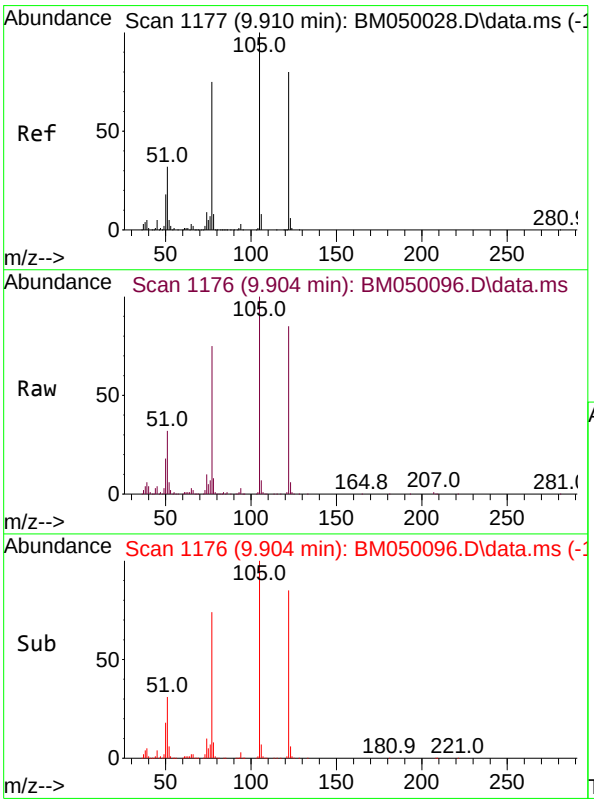
#31
Naphthalene
Concen: 37.558 ng
RT: 10.592 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1841162

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.4	15.6

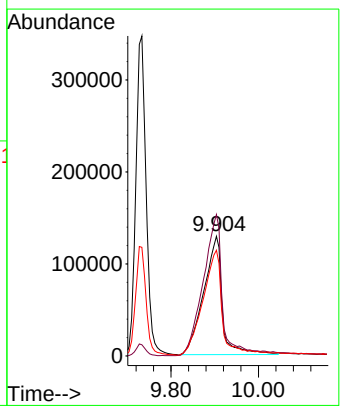


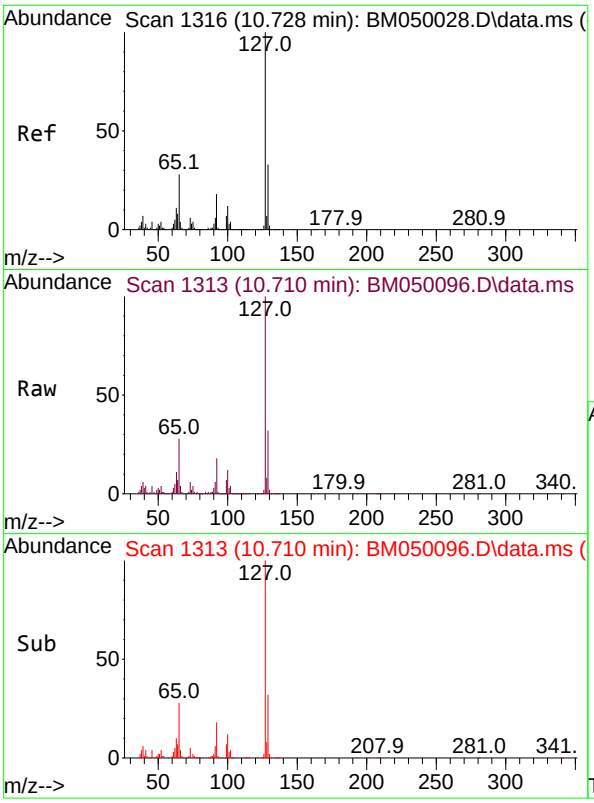


#32
Benzoic acid
Concen: 41.598 ng
RT: 9.904 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:122 Resp: 382848

Ion	Ratio	Lower	Upper
122	100		
105	118.3	103.6	143.6
77	88.4	73.7	113.7



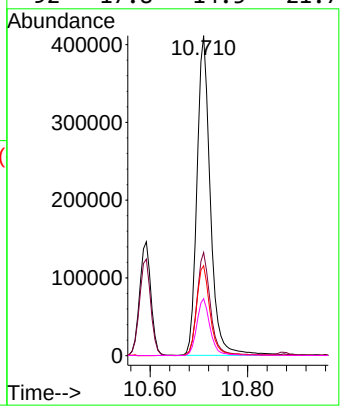


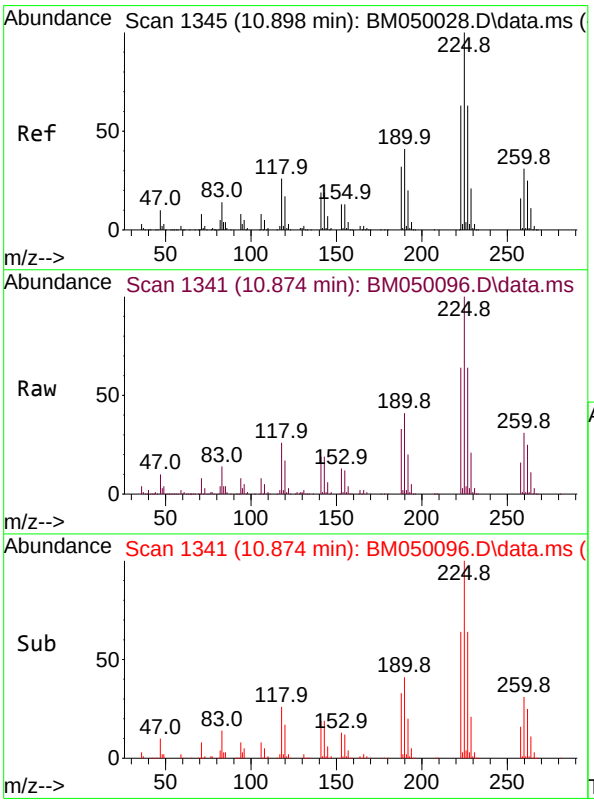
#33
4-Chloroaniline
Concen: 39.262 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 788885

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	28.1	22.5	33.7
92	17.8	14.5	21.7

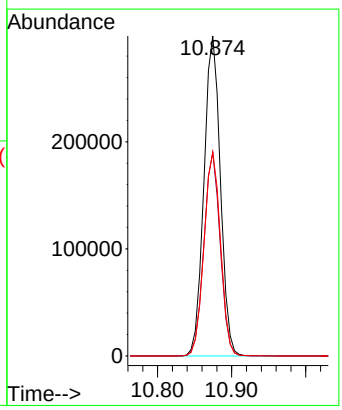


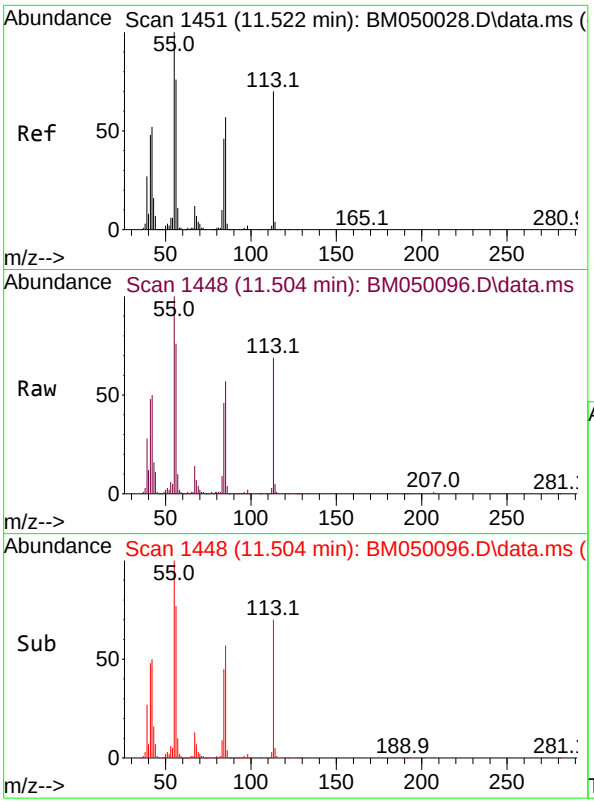


#34
Hexachlorobutadiene
Concen: 36.955 ng
RT: 10.874 min Scan# 1341
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:225 Resp: 460750

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.2
227	63.7	50.6	76.0



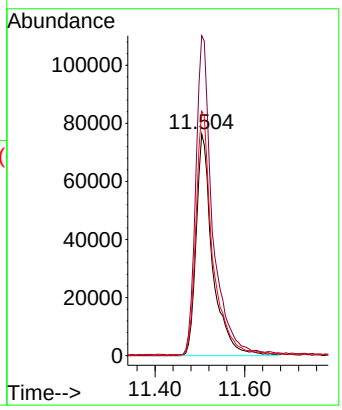


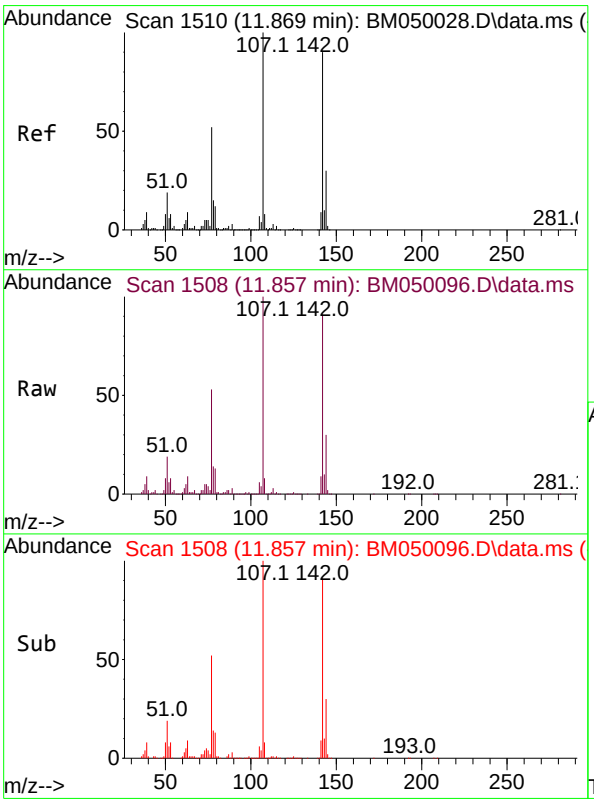
#35
Caprolactam
Concen: 41.235 ng
RT: 11.504 min Scan# 14
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 193827

Ion	Ratio	Lower	Upper
113	100		
55	144.5	122.9	162.9
56	110.4	88.1	128.1

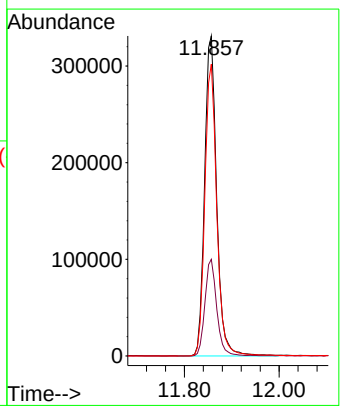


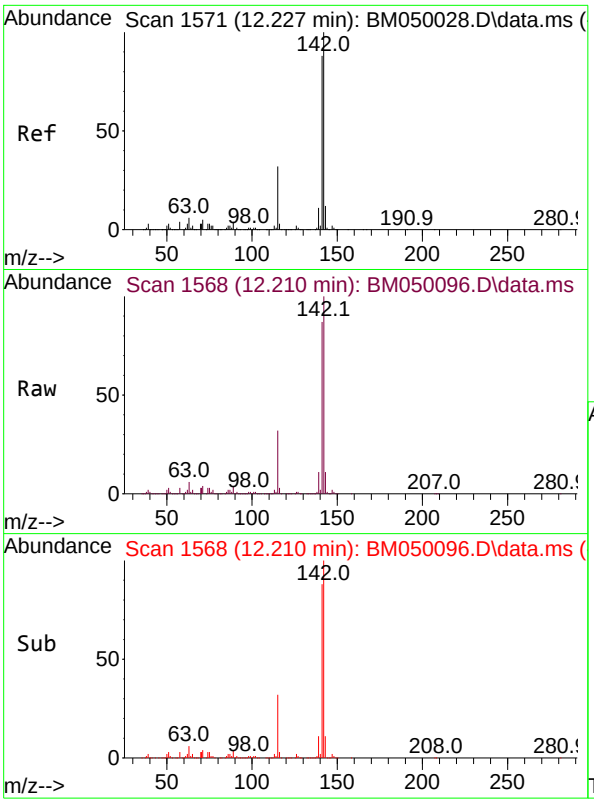


#36
4-Chloro-3-methylphenol
Concen: 39.178 ng
RT: 11.857 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:107 Resp: 583518

Ion	Ratio	Lower	Upper
107	100		
144	30.2	23.8	35.6
142	91.2	71.9	107.9



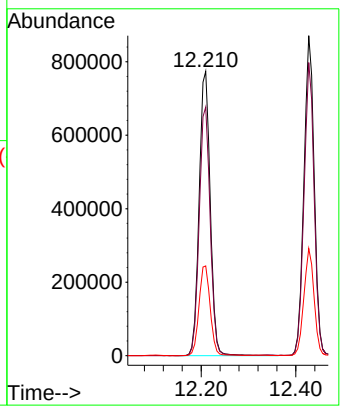


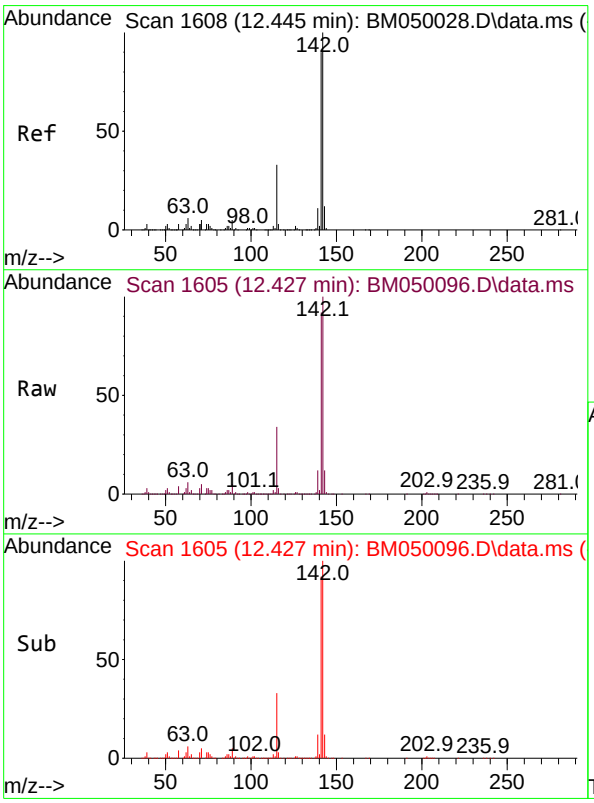
#37
2-Methylnaphthalene
Concen: 38.059 ng
RT: 12.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1250848

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	31.6	25.4	38.2

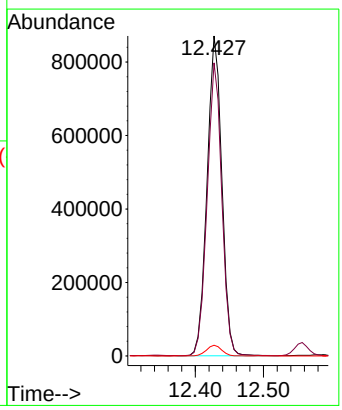


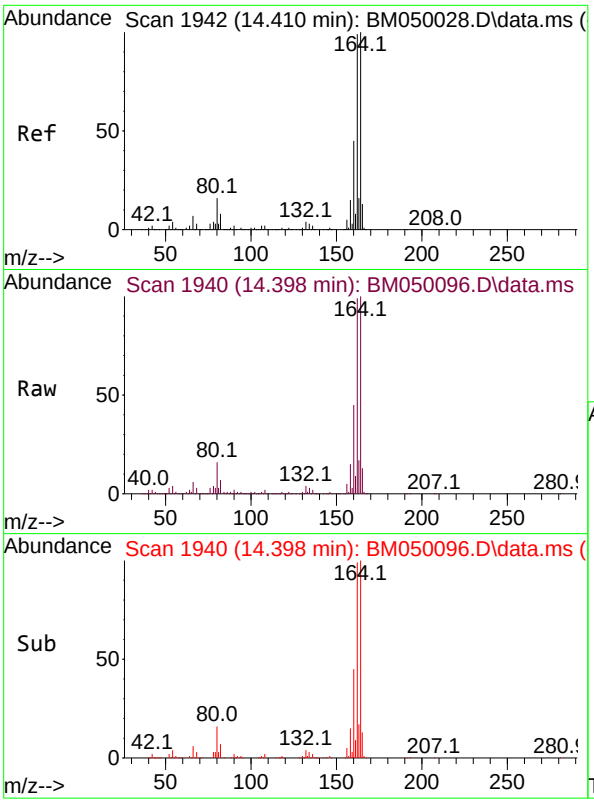


#38
1-Methylnaphthalene
Concen: 37.796 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:142 Resp: 1314594

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.1	108.1
116	3.3	2.7	4.1



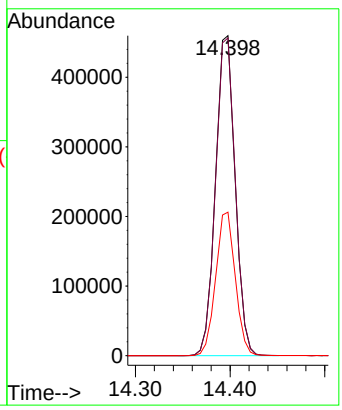


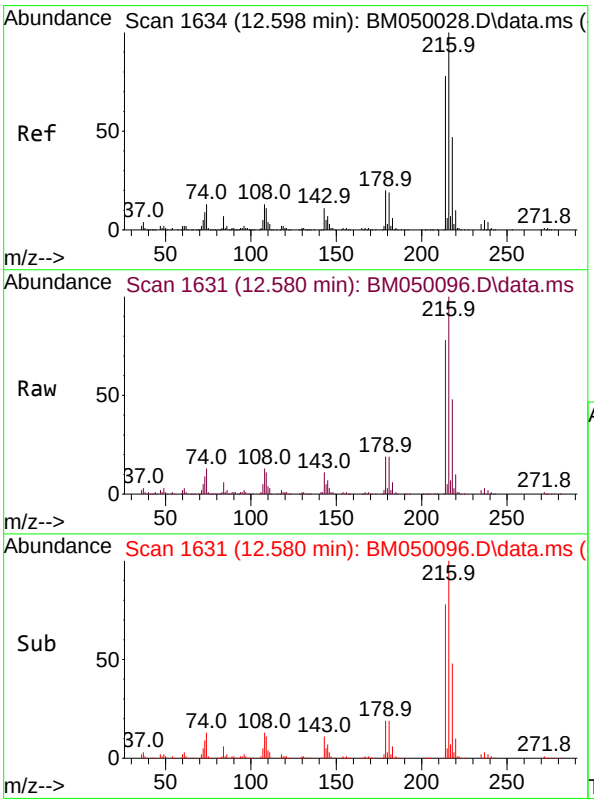
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 663376

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	44.9	36.2	54.4

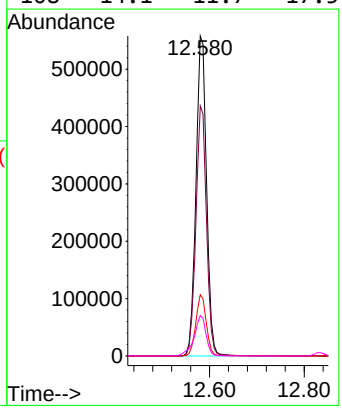


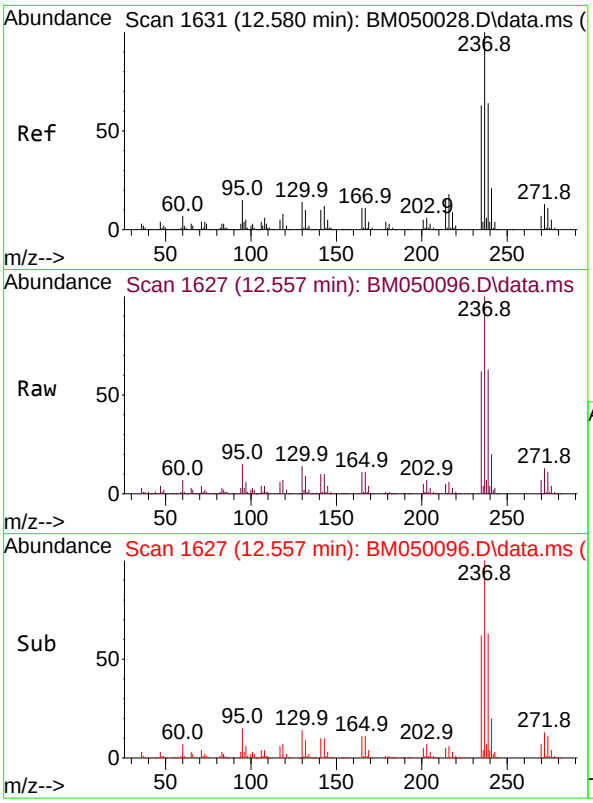


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.664 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:216 Resp: 864920

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	19.0	15.4	23.0
108	14.1	11.7	17.5



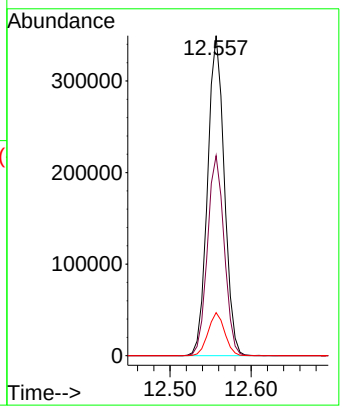


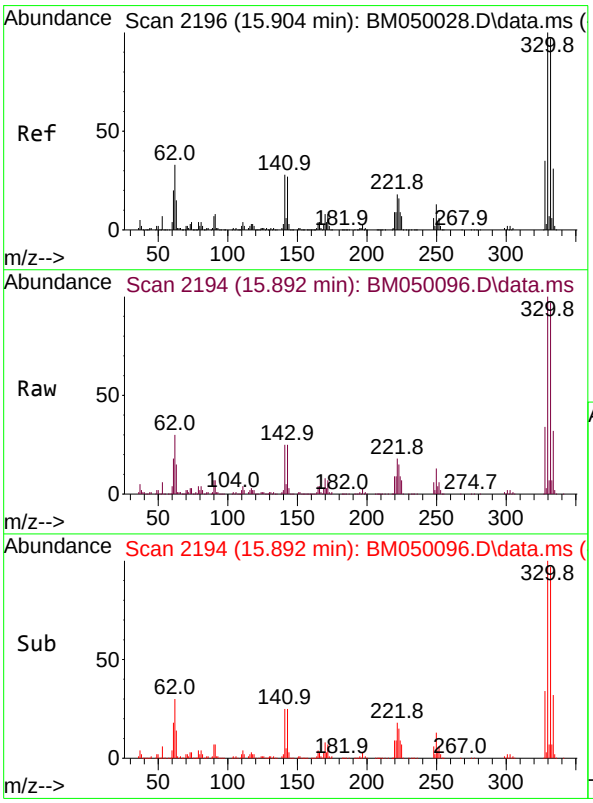
#41
Hexachlorocyclopentadiene
Concen: 35.546 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 498851

Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.9	82.9
272	13.4	0.0	32.9

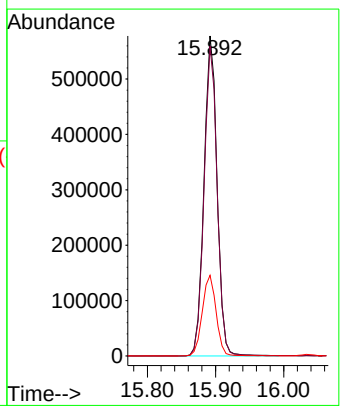


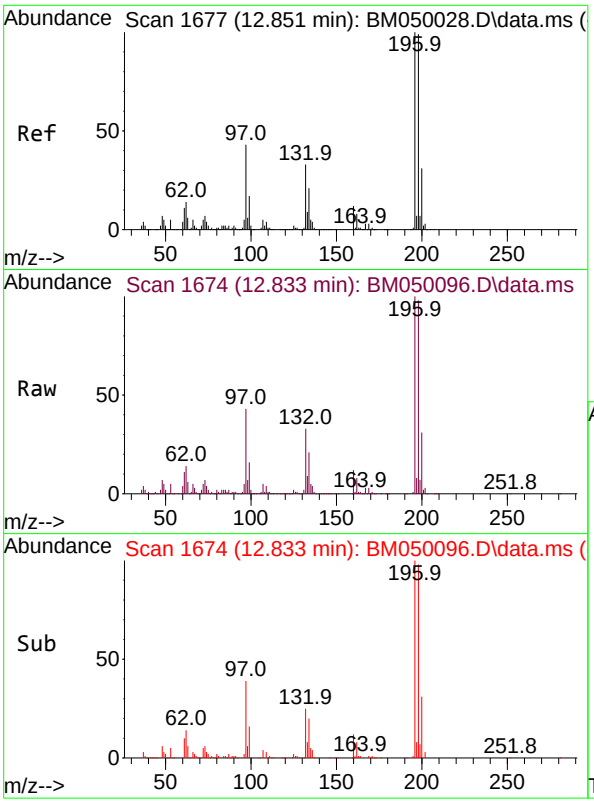


#42
2,4,6-Tribromophenol
Concen: 78.767 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:330 Resp: 772621

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	26.7	22.5	33.7



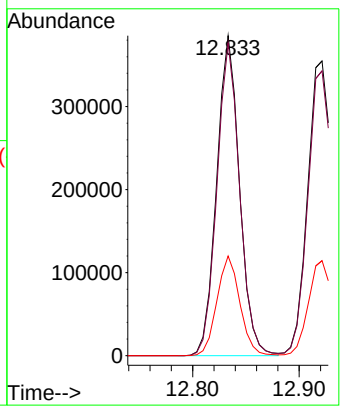


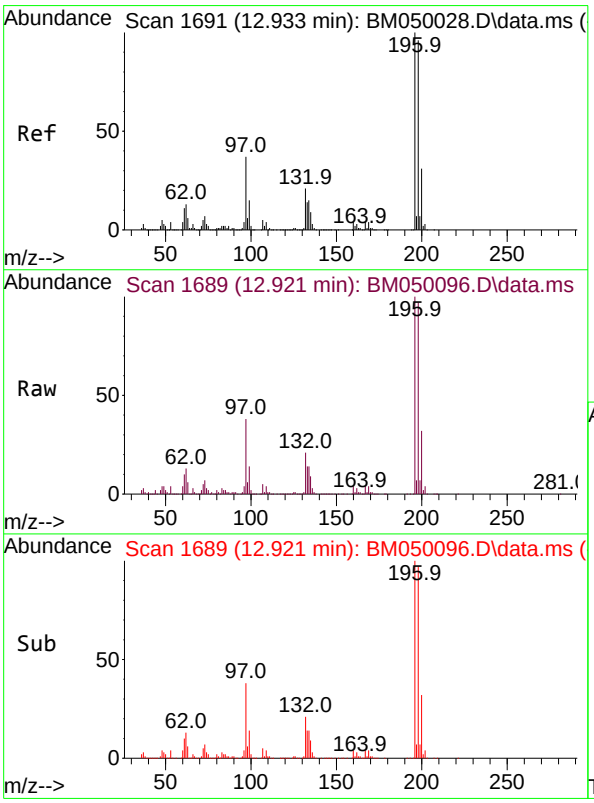
#43
2,4,6-Trichlorophenol
Concen: 39.402 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 573909

Ion	Ratio	Lower	Upper
196	100		
198	97.7	79.0	118.6
200	31.2	25.1	37.7

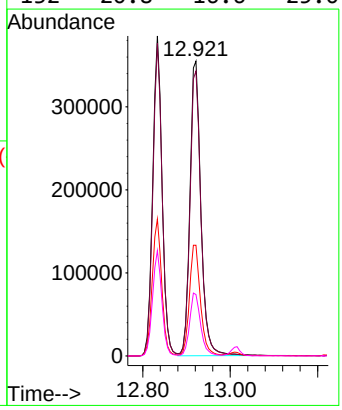


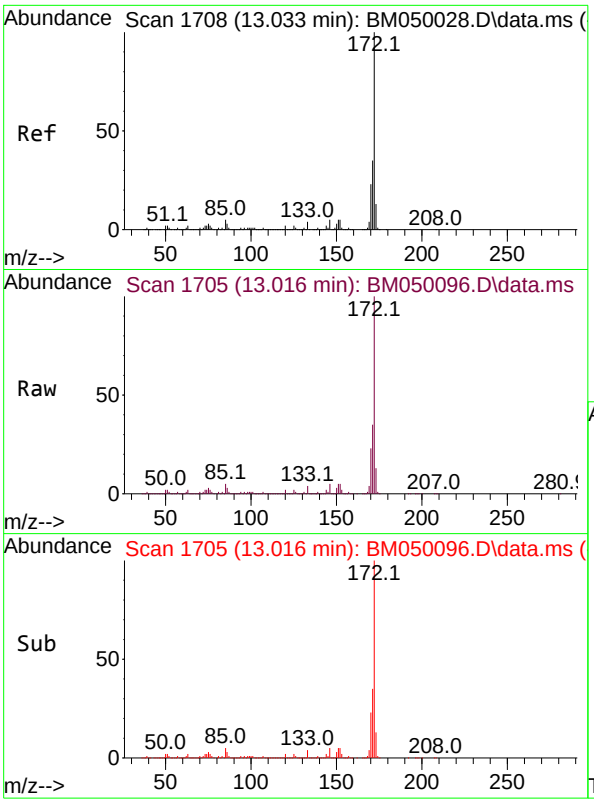


#44
2,4,5-Trichlorophenol
Concen: 39.588 ng
RT: 12.921 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:196 Resp: 621796

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.7	115.1
97	37.6	30.1	45.1
132	20.8	16.6	25.0



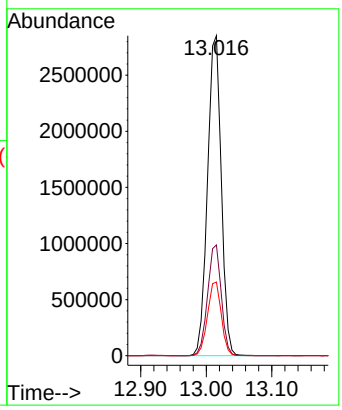


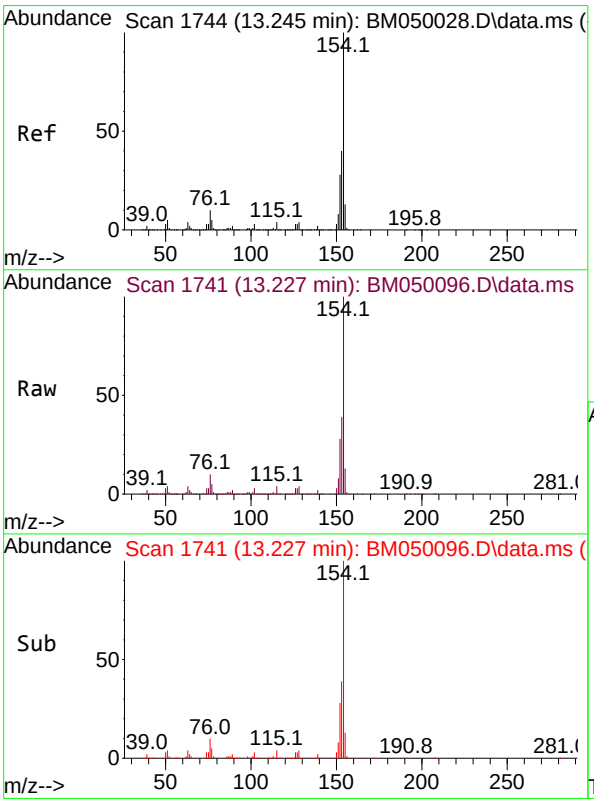
#45
2-Fluorobiphenyl
Concen: 74.166 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 4158957

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.0	18.6	28.0

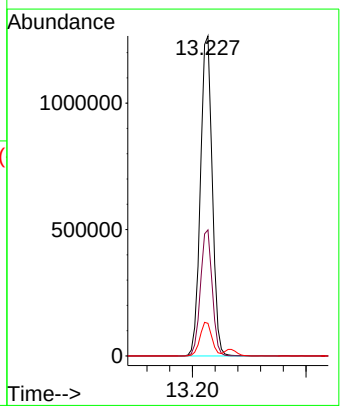


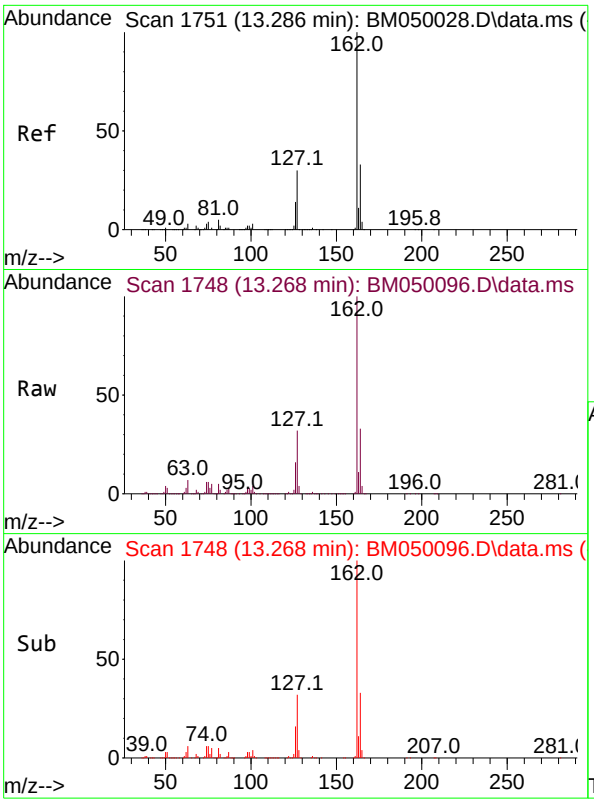


#46
1,1'-Biphenyl
Concen: 37.011 ng
RT: 13.227 min Scan# 1741
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:154 Resp: 1825108

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.0	60.0
76	10.2	0.0	30.3



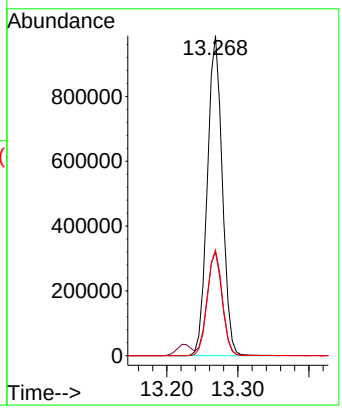


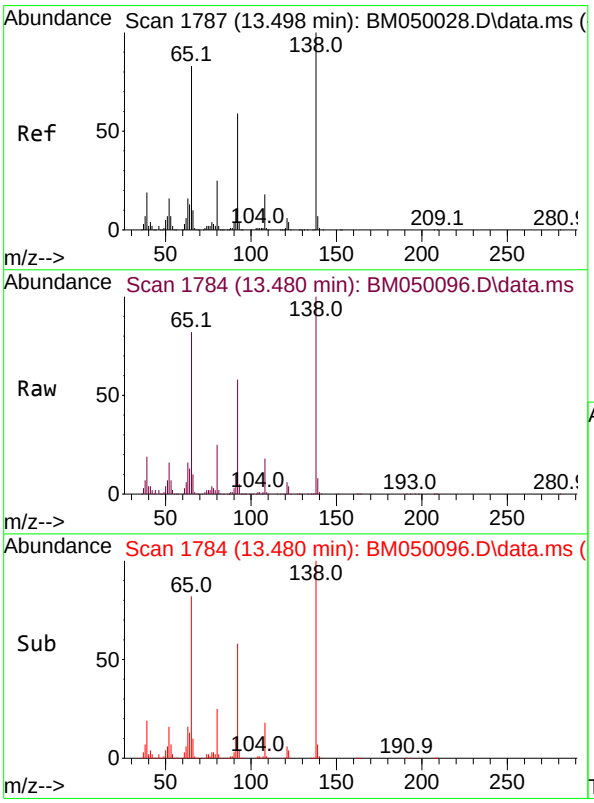
#47
2-Chloronaphthalene
Concen: 36.973 ng
RT: 13.268 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1443971

Ion	Ratio	Lower	Upper
162	100		
127	32.4	25.9	38.9
164	33.0	26.6	40.0

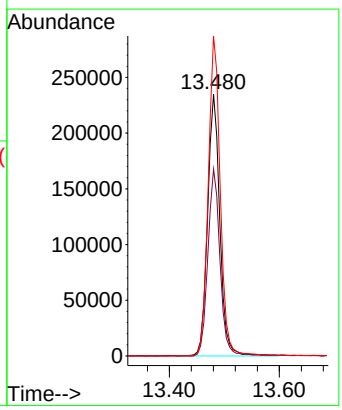


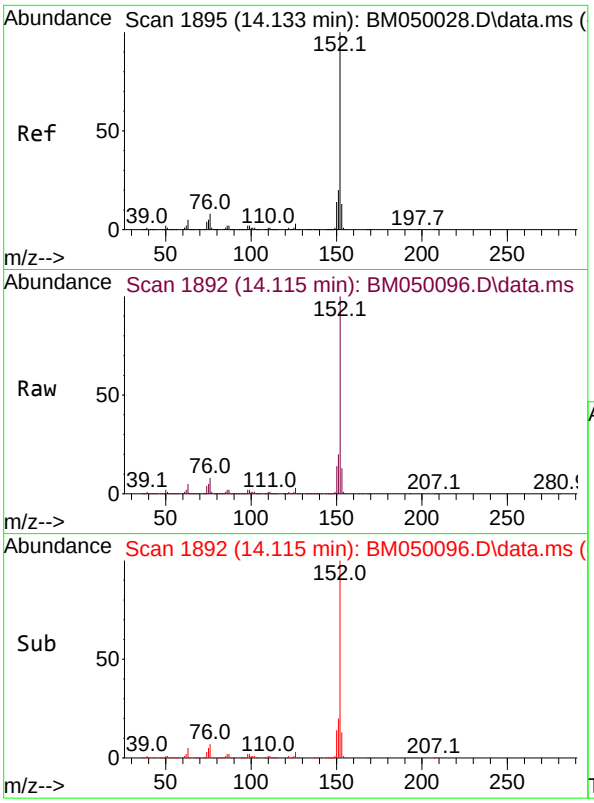


#48
2-Nitroaniline
Concen: 39.633 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion: 65 Resp: 363286

Ion	Ratio	Lower	Upper
65	100		
92	71.4	57.1	85.7
138	122.3	97.0	145.4



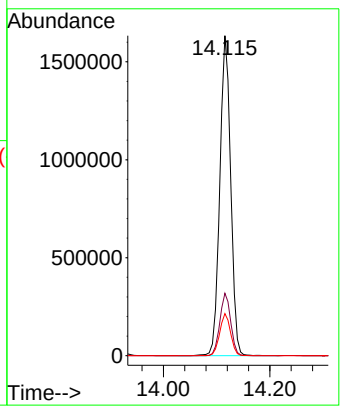


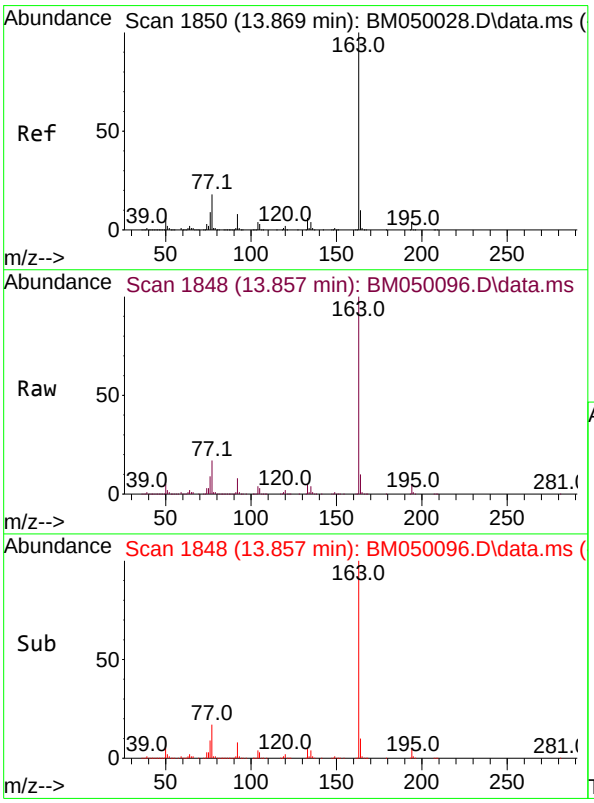
#49
Acenaphthylene
Concen: 37.514 ng
RT: 14.115 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2310020

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	13.1	10.6	15.8

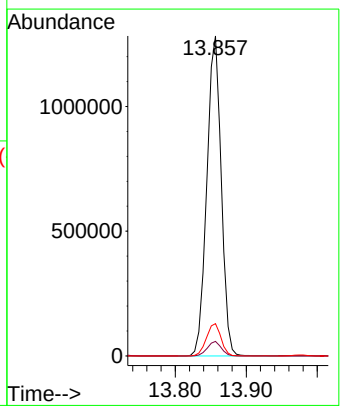


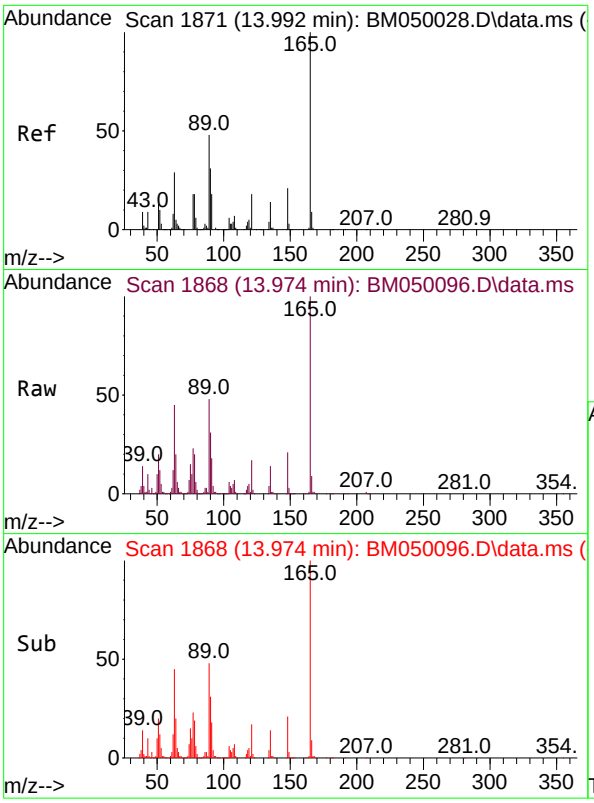


#50
Dimethylphthalate
Concen: 37.233 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:163 Resp: 1805057

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.1	8.2	12.2



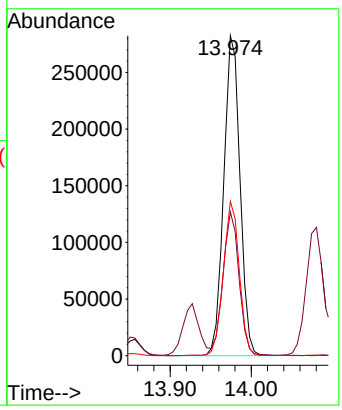


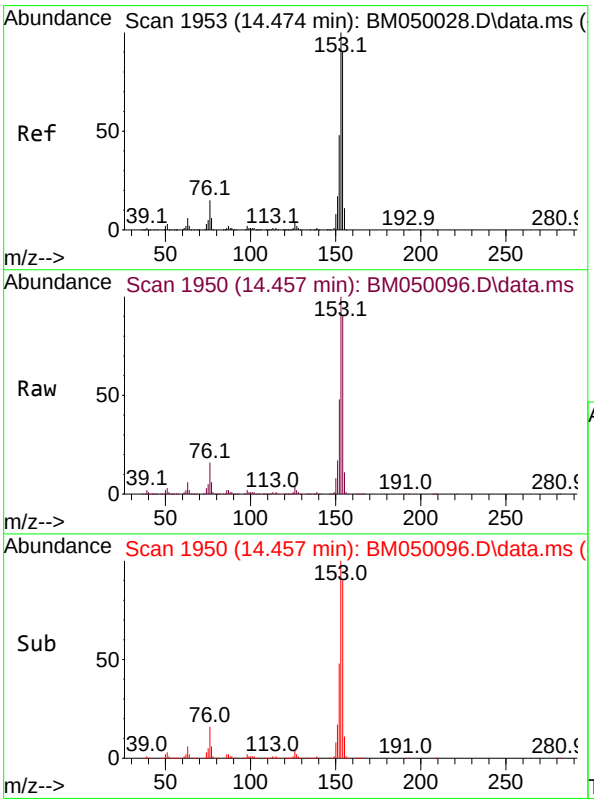
#51
2,6-Dinitrotoluene
Concen: 39.208 ng
RT: 13.974 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 393554

Ion	Ratio	Lower	Upper
165	100		
63	44.9	35.1	52.7
89	48.2	38.4	57.6

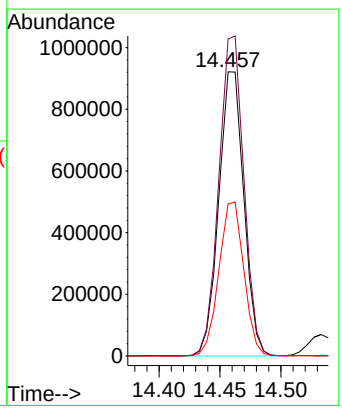


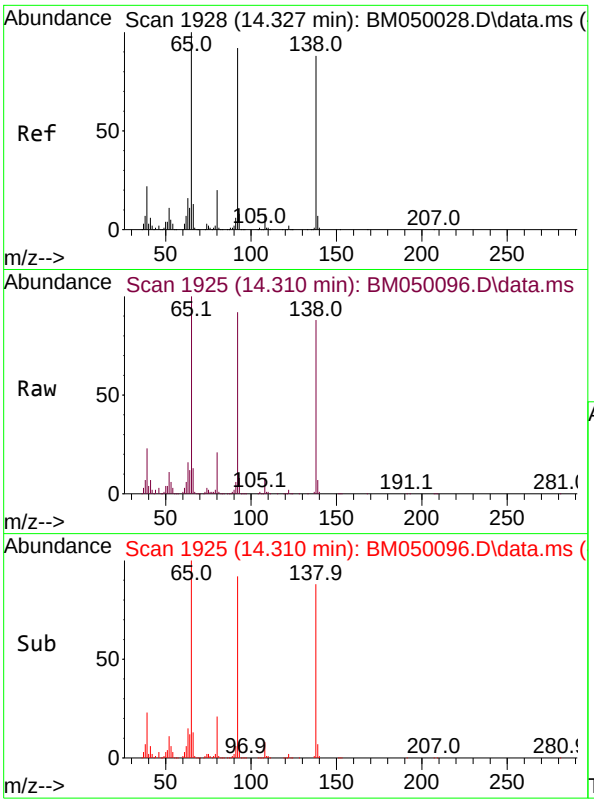


#52
Acenaphthene
Concen: 37.091 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:154 Resp: 1322056

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.0	133.4
152	53.5	43.0	64.6



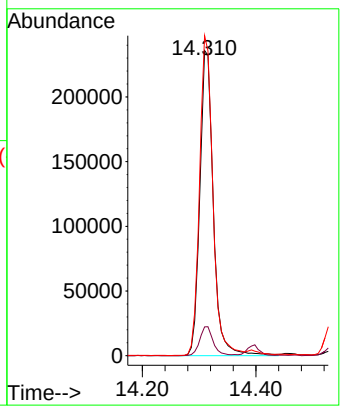


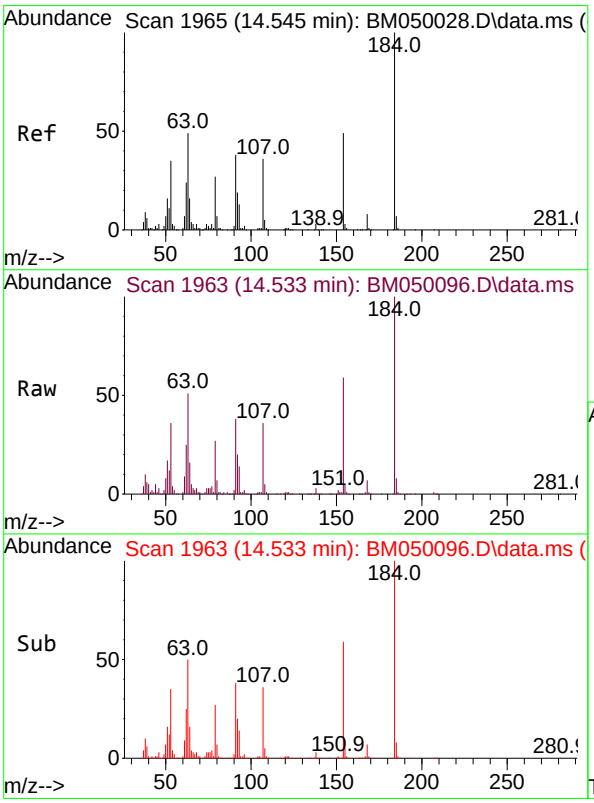
#53
3-Nitroaniline
Concen: 40.707 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 390100

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.4	11.2
92	104.9	84.0	126.0

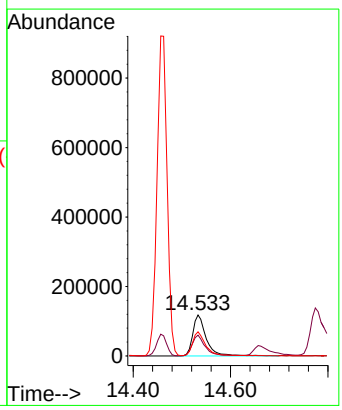


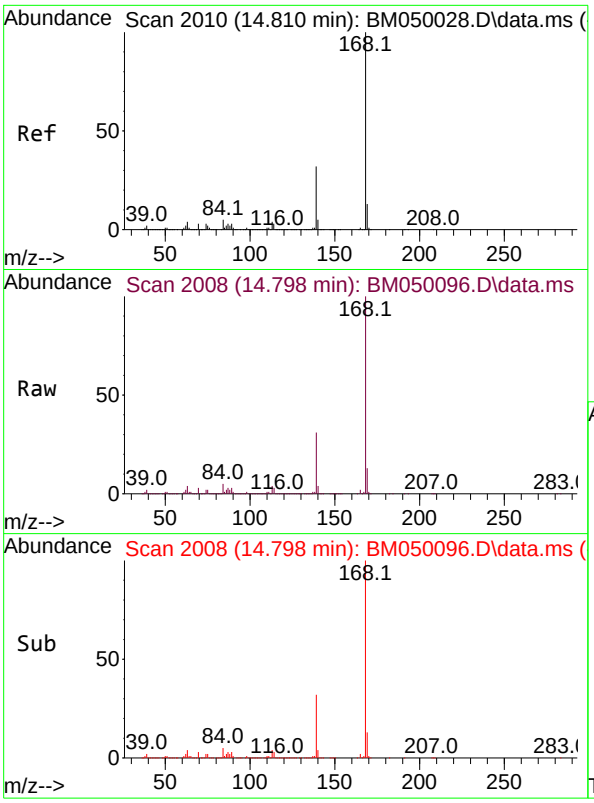


#54
2,4-Dinitrophenol
Concen: 38.565 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:184 Resp: 227150

Ion	Ratio	Lower	Upper
184	100		
63	50.5	39.8	59.6
154	59.1	46.1	69.1



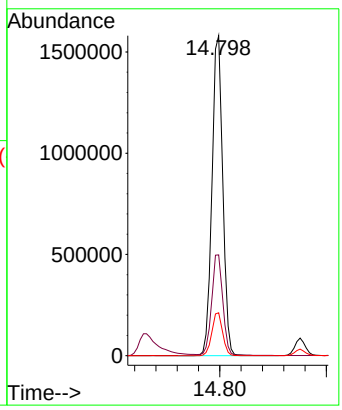


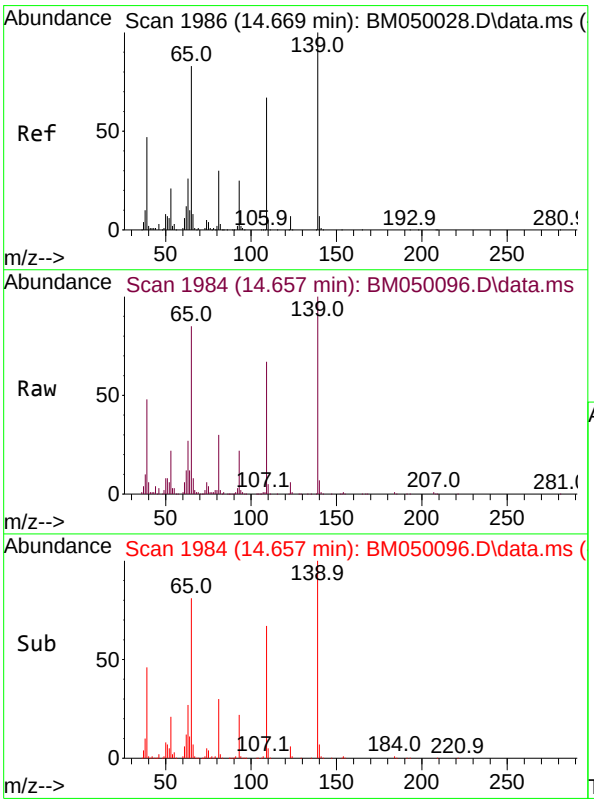
#55
Dibenzofuran
Concen: 37.408 ng
RT: 14.798 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2218445

Ion	Ratio	Lower	Upper
168	100		
139	31.5	26.1	39.1
169	13.4	10.8	16.2

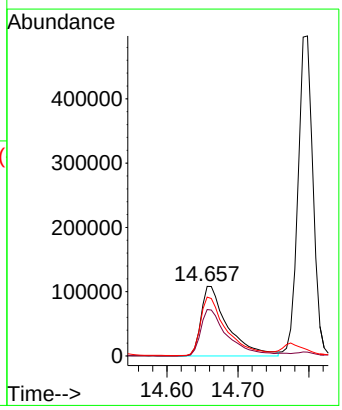


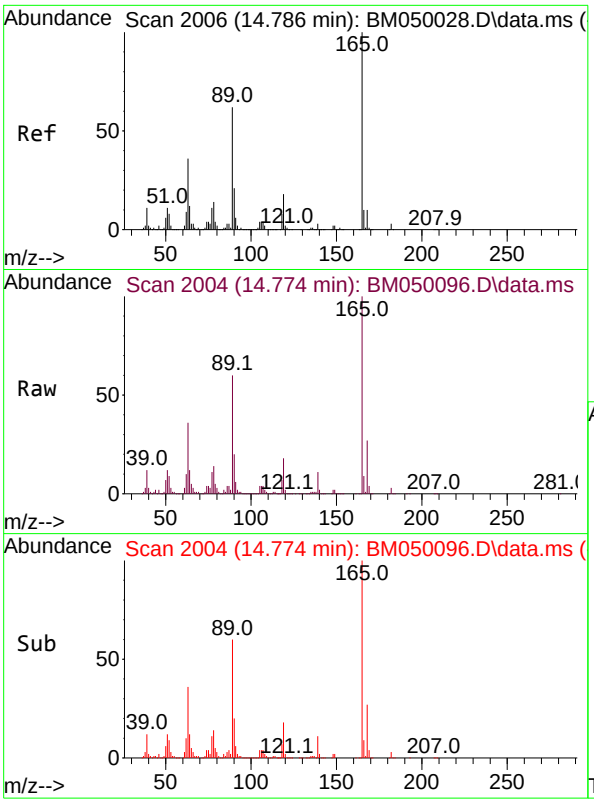


#56
4-Nitrophenol
Concen: 38.524 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:139 Resp: 280919

Ion	Ratio	Lower	Upper
139	100		
109	66.6	47.0	87.0
65	84.6	64.3	104.3



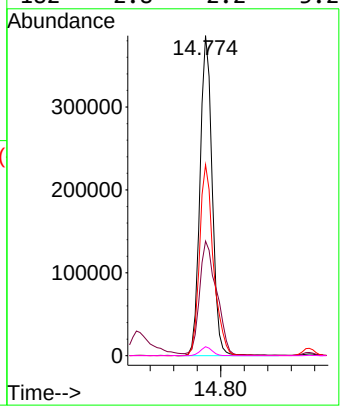


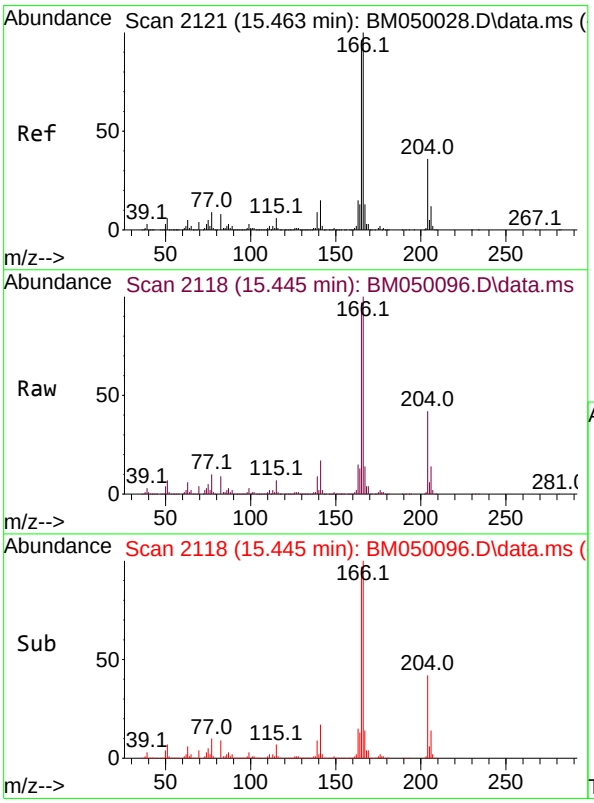
#57
2,4-Dinitrotoluene
Concen: 39.934 ng
RT: 14.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 553885

Ion	Ratio	Lower	Upper
165	100		
63	35.8	29.0	43.6
89	59.7	49.4	74.2
182	2.8	2.2	3.2

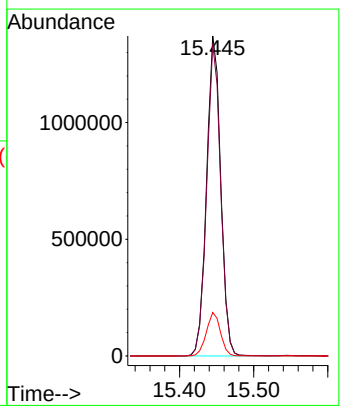


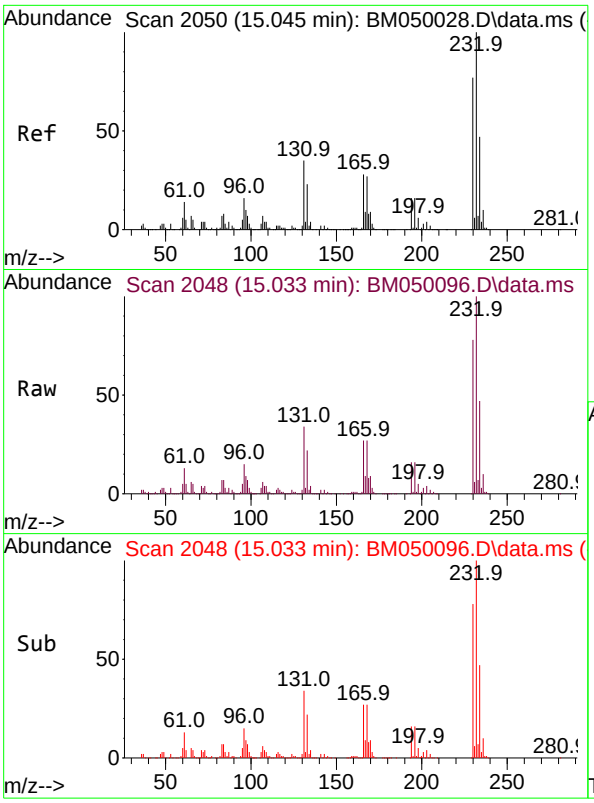


#58
Fluorene
Concen: 37.511 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:166 Resp: 1820845

Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.6	115.0
167	13.6	10.6	16.0



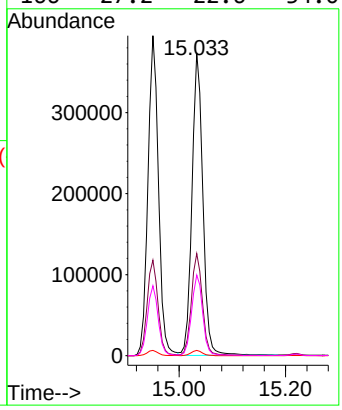


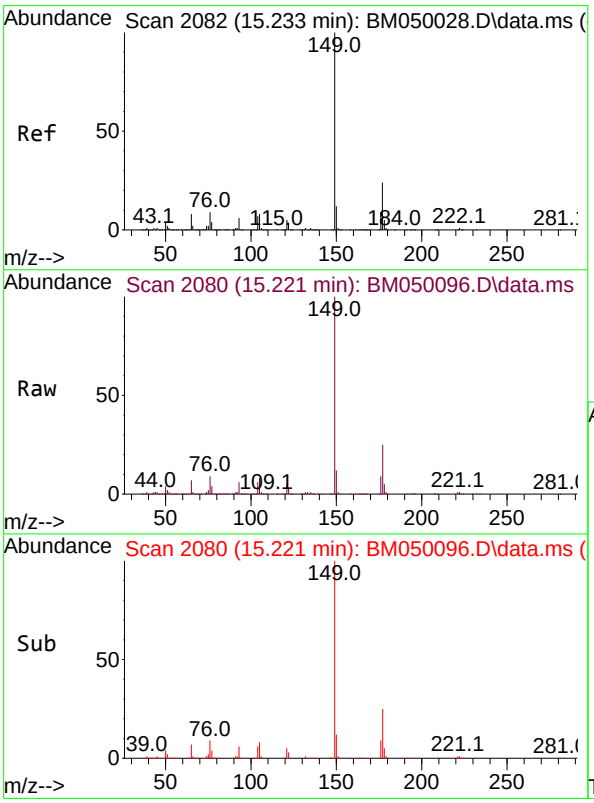
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.984 ng
RT: 15.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 530016

Ion	Ratio	Lower	Upper
232	100		
131	34.4	28.2	42.4
130	1.8	1.5	2.3
166	27.2	22.6	34.0

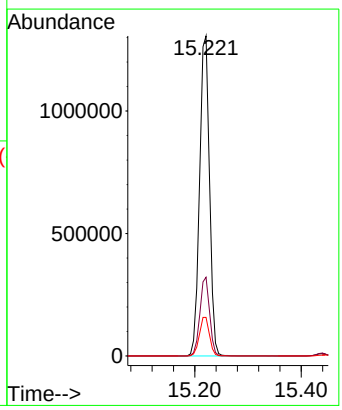


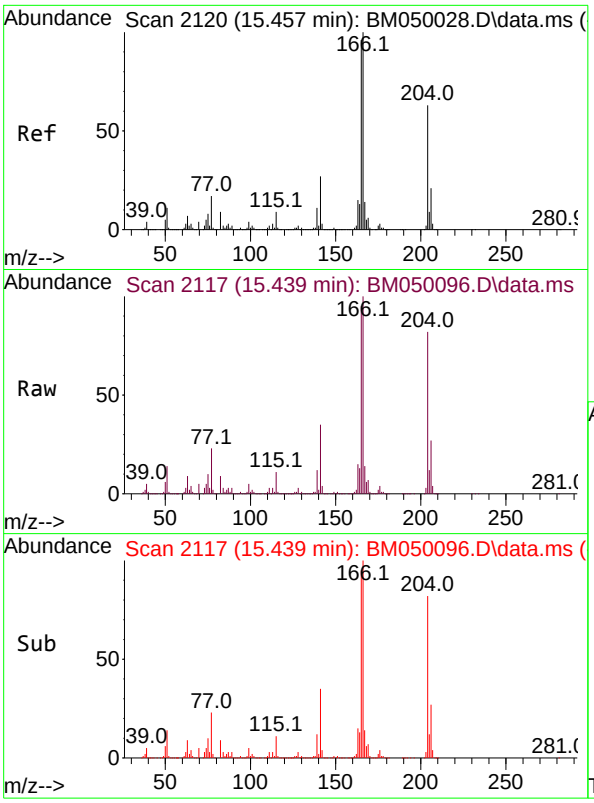


#60
Diethylphthalate
Concen: 36.893 ng
RT: 15.221 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:149 Resp: 1685311

Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.1	28.7
150	12.0	9.6	14.4



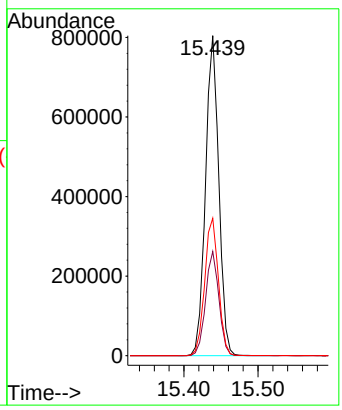


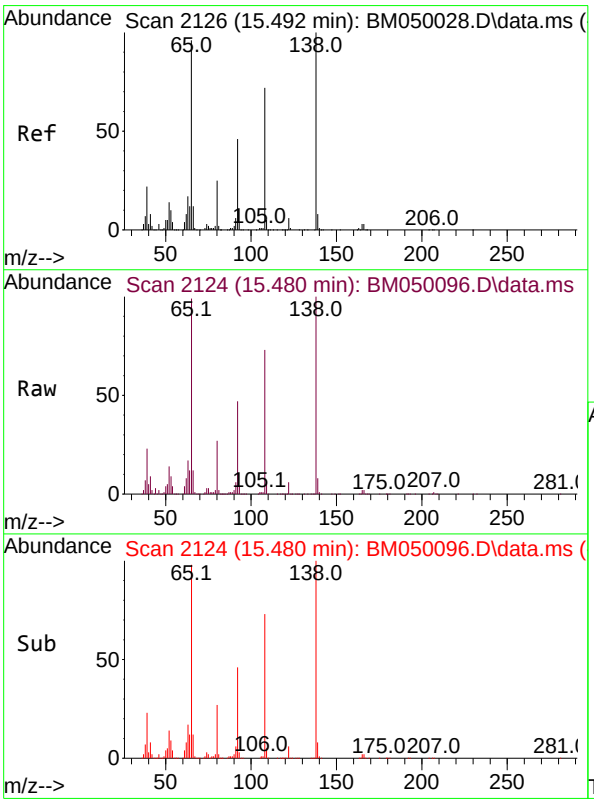
#61
4-Chlorophenyl-phenylether
Concen: 37.488 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 999499

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.3	39.5
141	43.0	34.0	51.0

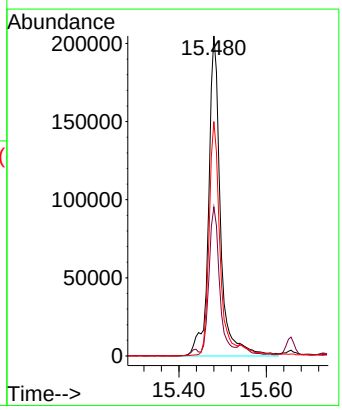


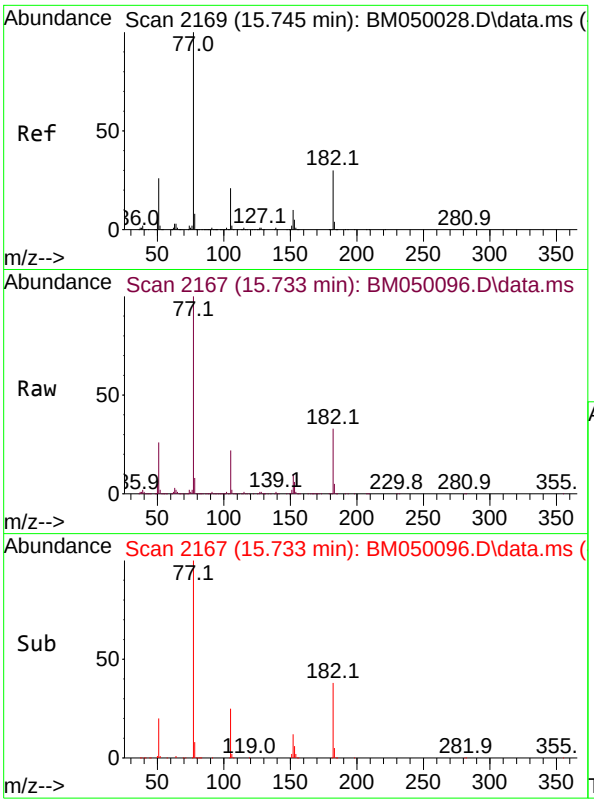


#62
4-Nitroaniline
Concen: 42.051 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:138 Resp: 388801

Ion	Ratio	Lower	Upper
138	100		
92	46.5	25.9	65.9
108	73.3	52.4	92.4



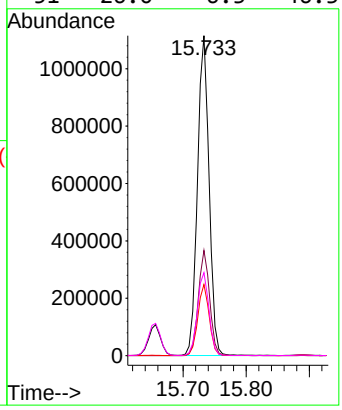


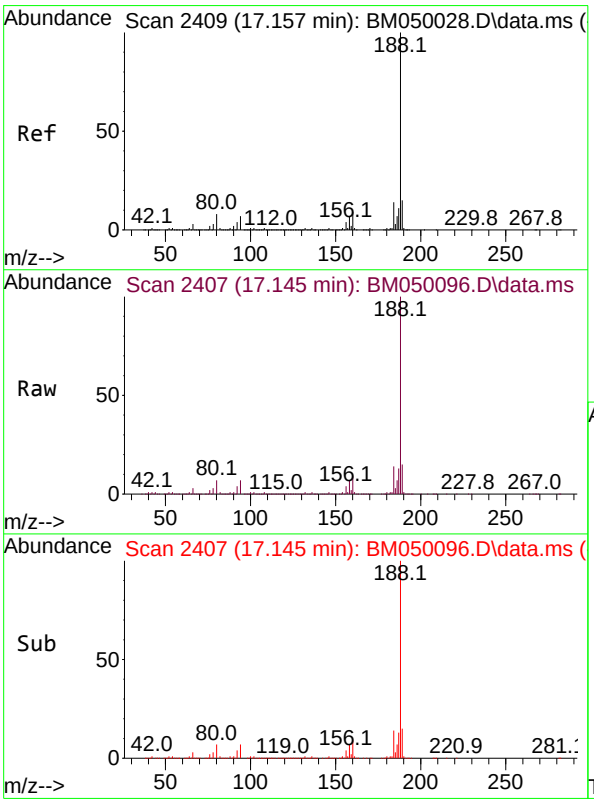
#63
Azobenzene
Concen: 37.117 ng
RT: 15.733 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1421023

Ion	Ratio	Lower	Upper
77	100		
182	32.9	10.5	50.5
105	22.2	1.1	41.1
51	26.0	6.3	46.3

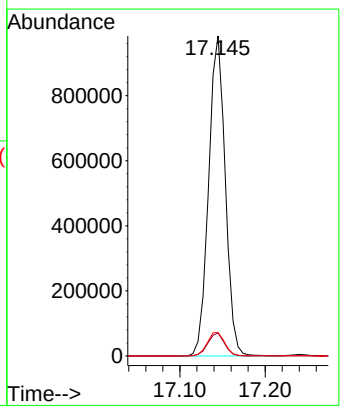


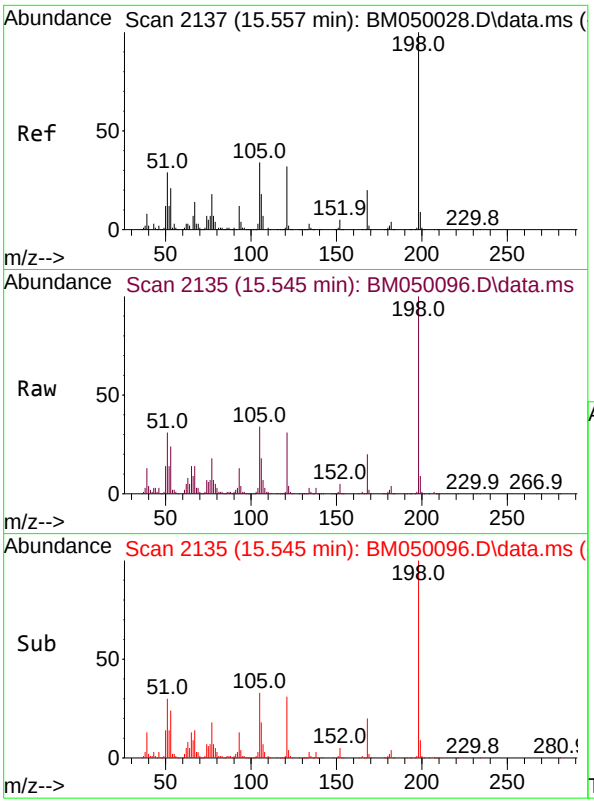


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:188 Resp: 1334825

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.3	6.2	9.4



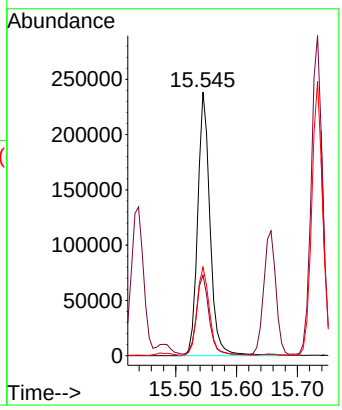


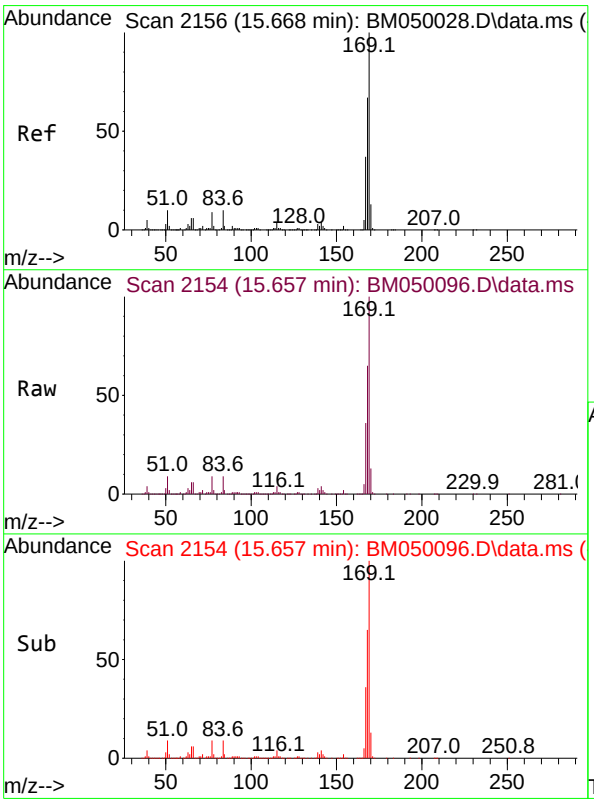
#65
4,6-Dinitro-2-methylphenol
Concen: 39.962 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 333899

Ion	Ratio	Lower	Upper
198	100		
51	30.6	10.4	50.4
105	33.6	14.6	54.6

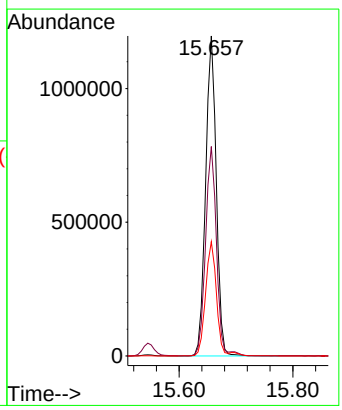


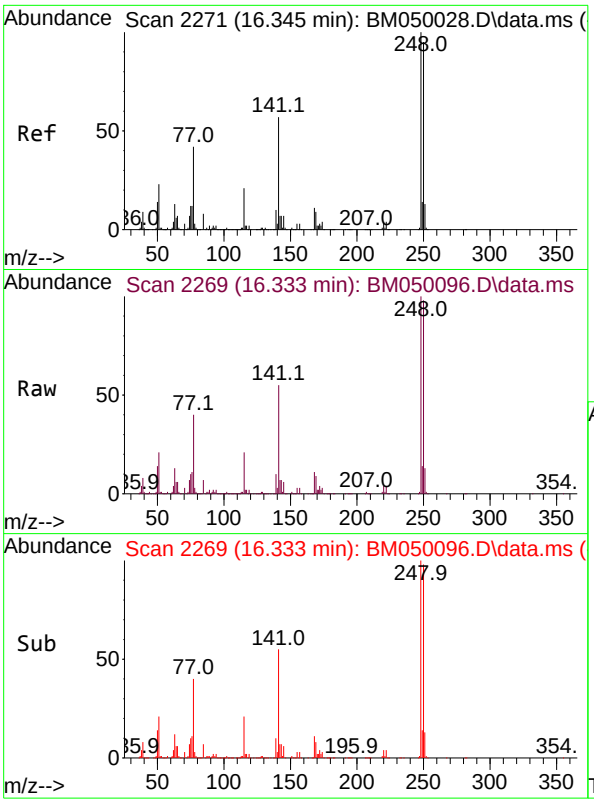


#66
n-Nitrosodiphenylamine
Concen: 37.777 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:169 Resp: 1548448

Ion	Ratio	Lower	Upper
169	100		
168	65.4	53.4	80.2
167	35.7	29.4	44.0



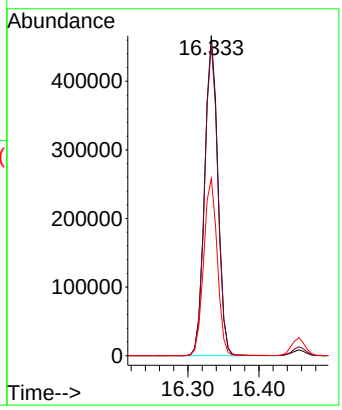


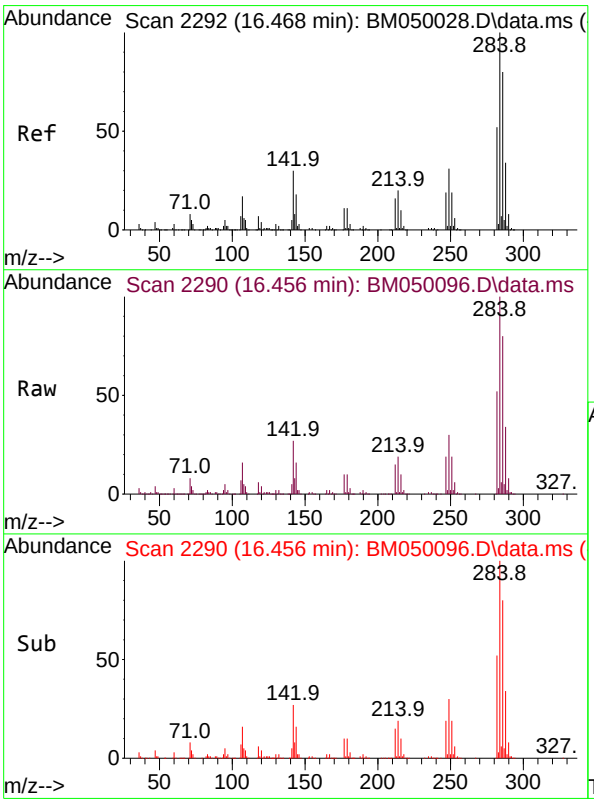
#67
4-Bromophenyl-phenylether
Concen: 37.394 ng
RT: 16.333 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 603599

Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.2	114.2
141	55.3	45.9	68.9

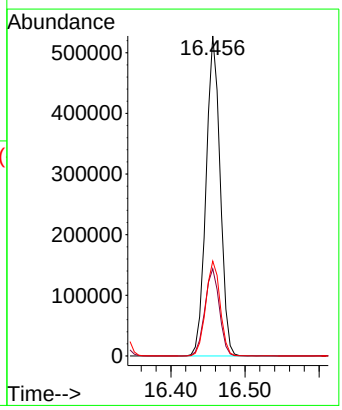


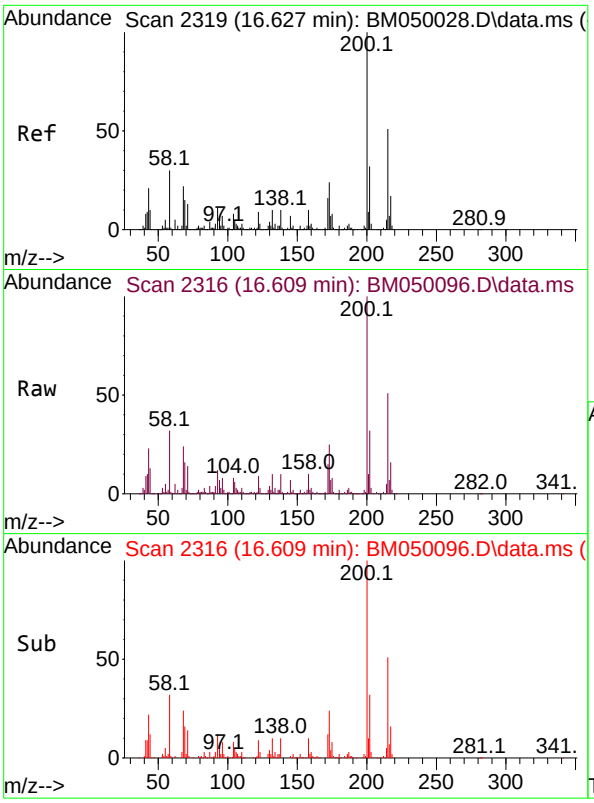


#68
Hexachlorobenzene
Concen: 37.471 ng
RT: 16.456 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:284 Resp: 697206

Ion	Ratio	Lower	Upper
284	100		
142	27.3	23.9	35.9
249	29.7	24.5	36.7



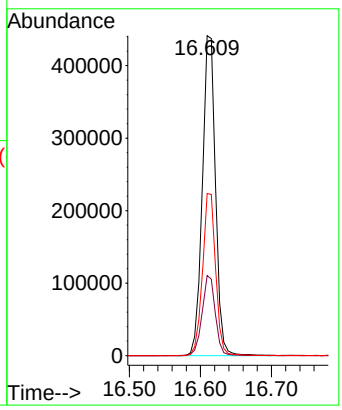


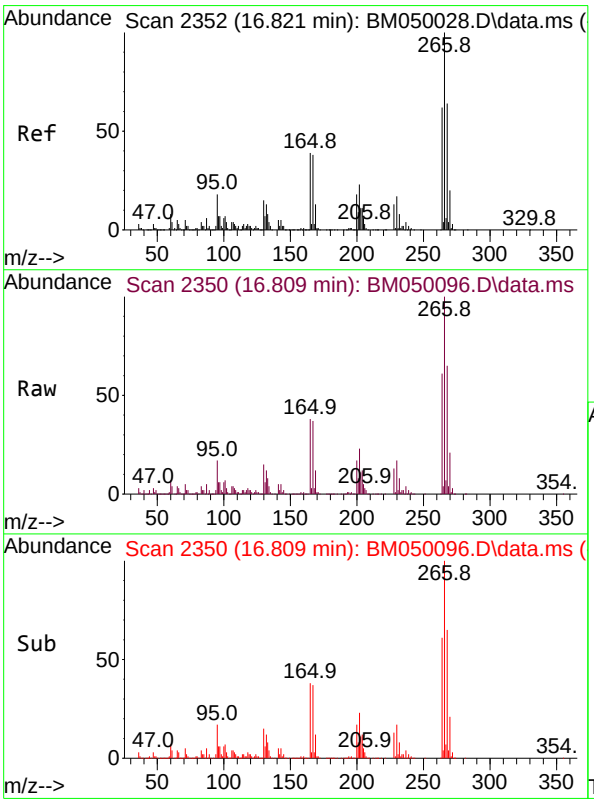
#69
Atrazine
Concen: 38.676 ng
RT: 16.609 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 571836

Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.3	44.3
215	50.7	30.6	70.6

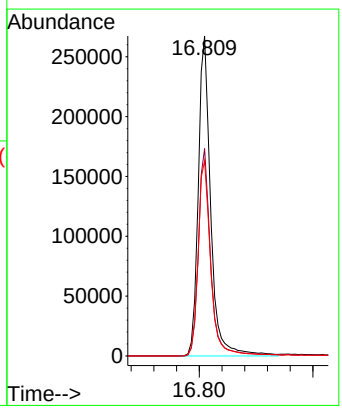


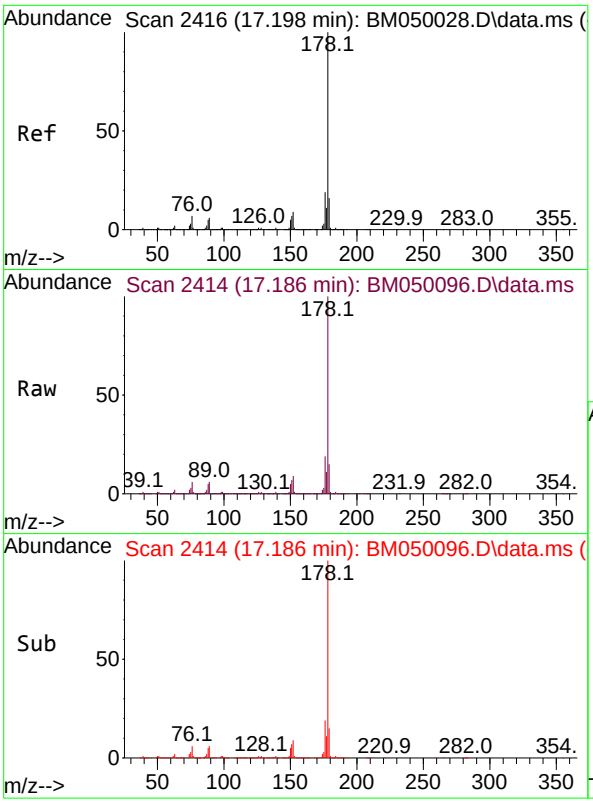


#70
Pentachlorophenol
Concen: 38.816 ng
RT: 16.809 min Scan# 2350
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:266 Resp: 406540

Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.2	76.8
264	61.0	49.6	74.4



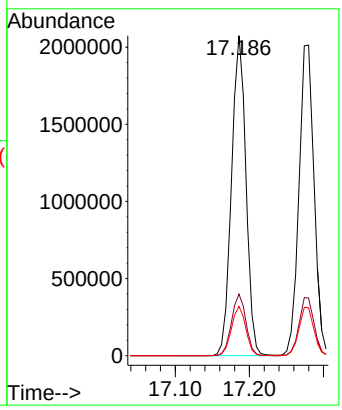


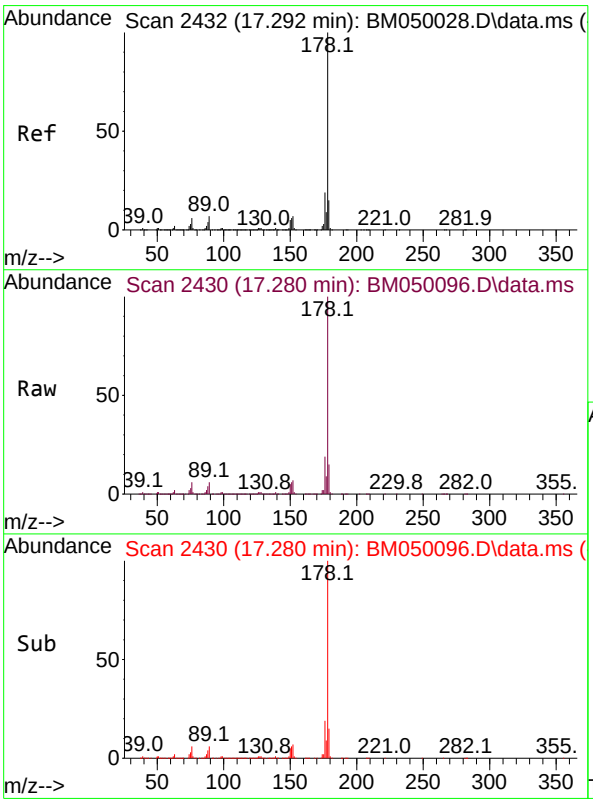
#71
Phenanthrene
Concen: 37.219 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2802096

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.4	18.6

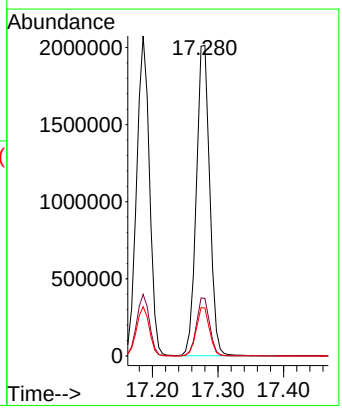


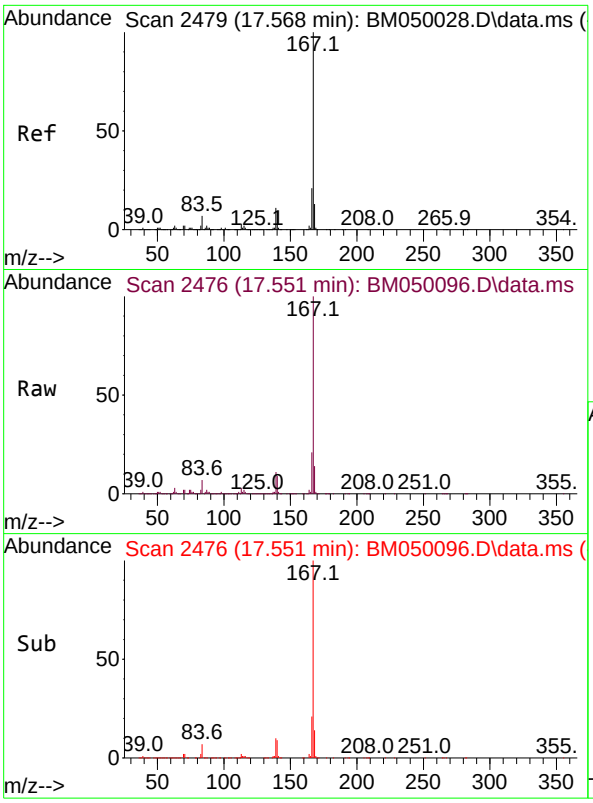


#72
Anthracene
Concen: 37.595 ng
RT: 17.280 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:178 Resp: 2864342

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.2	18.4



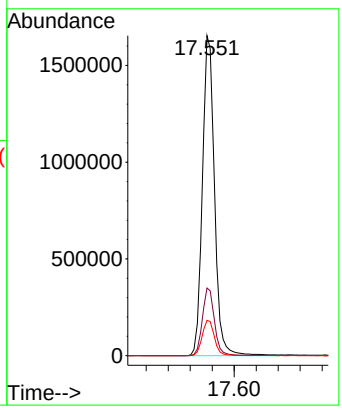


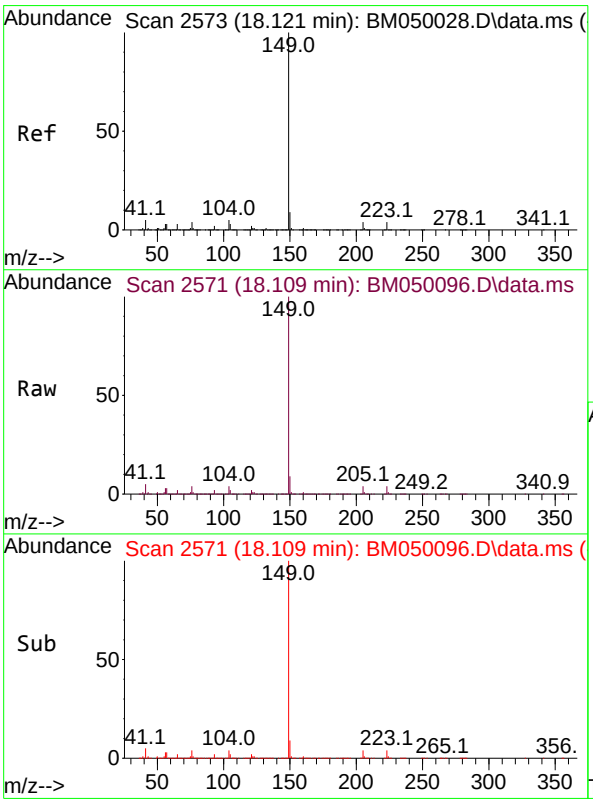
#73
Carbazole
Concen: 38.159 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 2522772

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.1	9.0	13.6

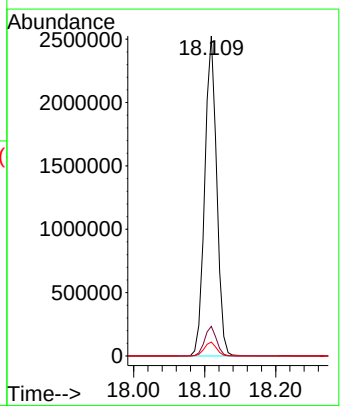


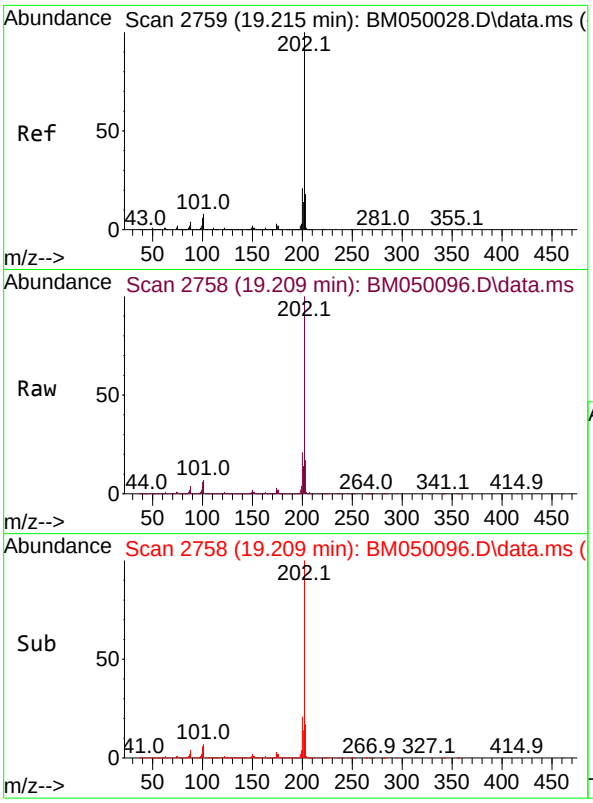


#74
Di-n-butylphthalate
Concen: 37.453 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:149 Resp: 2948729

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.4	3.8	5.6



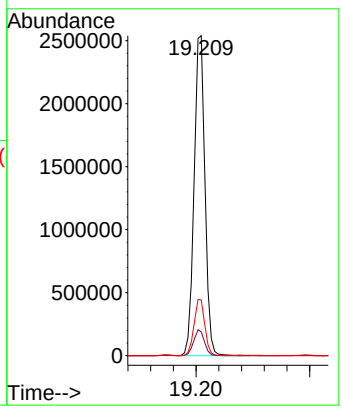


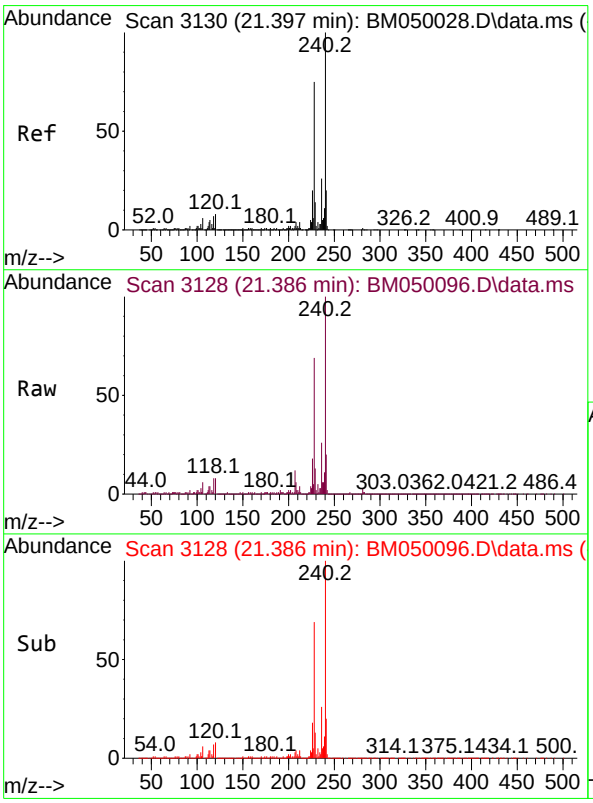
#75
Fluoranthene
Concen: 38.339 ng
RT: 19.209 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 3388771

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	28.0
203	17.4	0.0	37.7

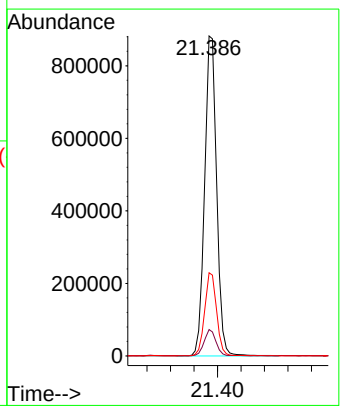


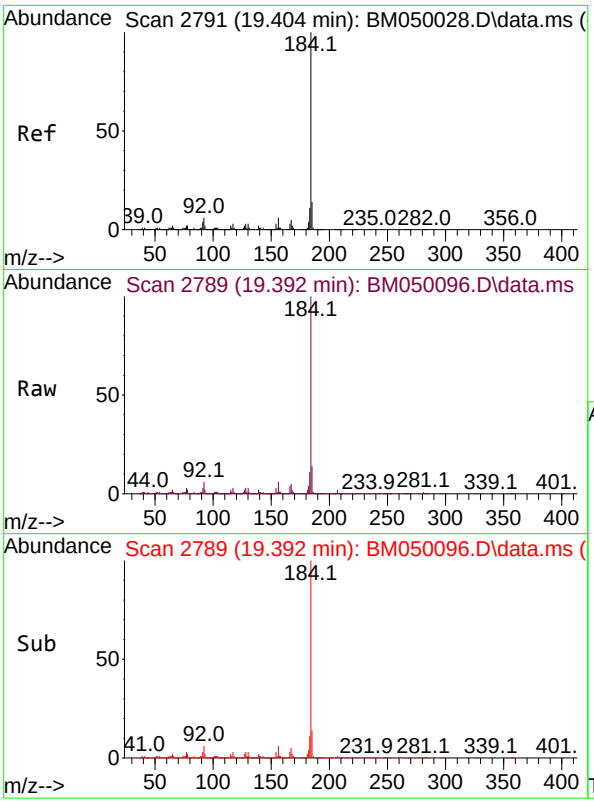


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:240 Resp: 1249729

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	26.0	20.9	31.3



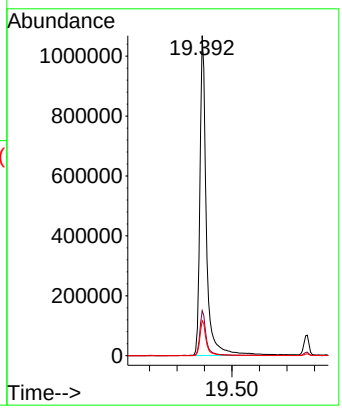


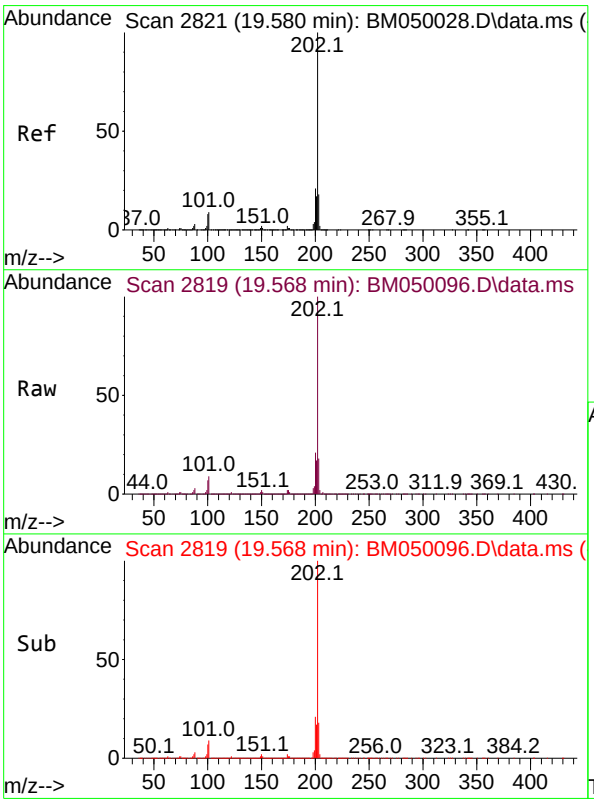
#77
Benzidine
Concen: 39.848 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1768881

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.0	8.9	13.3

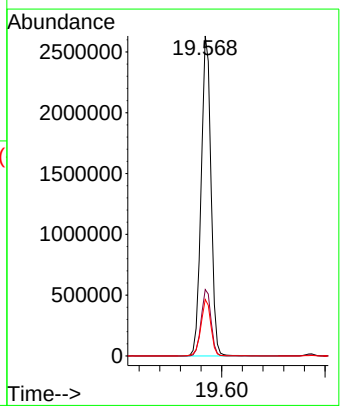


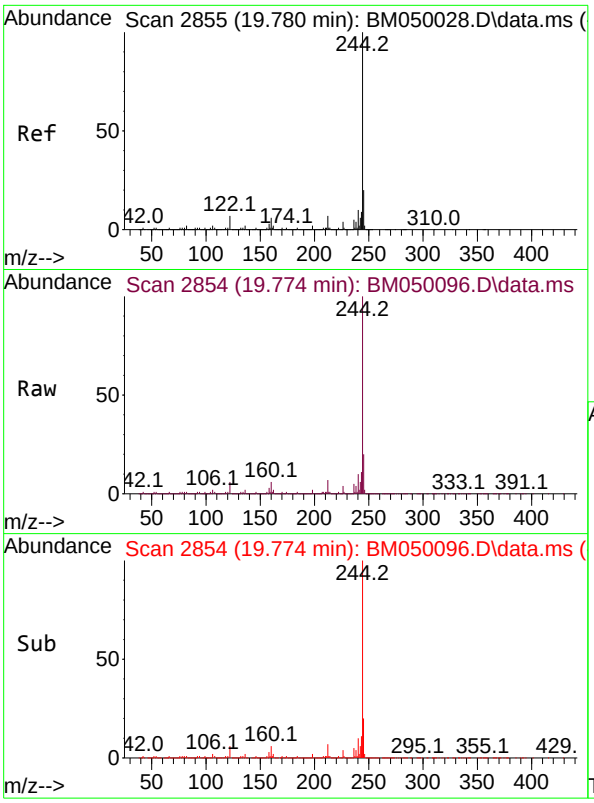


#78
Pyrene
Concen: 39.422 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:202 Resp: 3459686

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.7	14.1	21.1



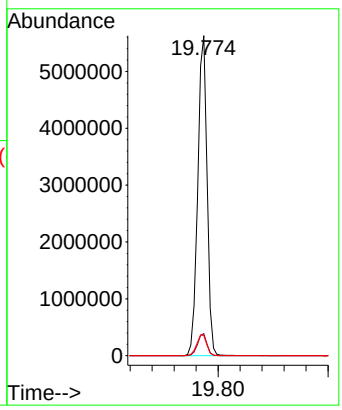


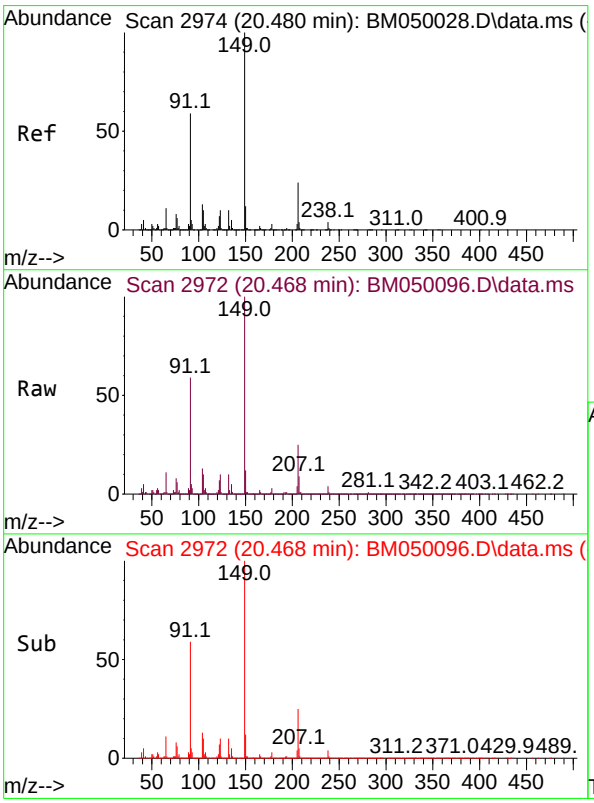
#79
Terphenyl-d14
Concen: 78.622 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 6640114

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.2	5.6	8.4

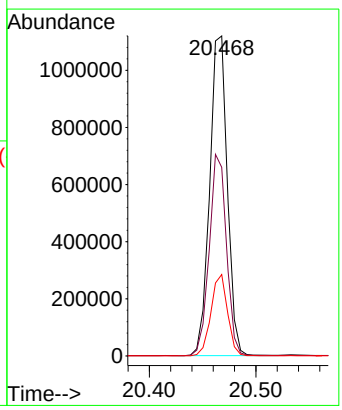


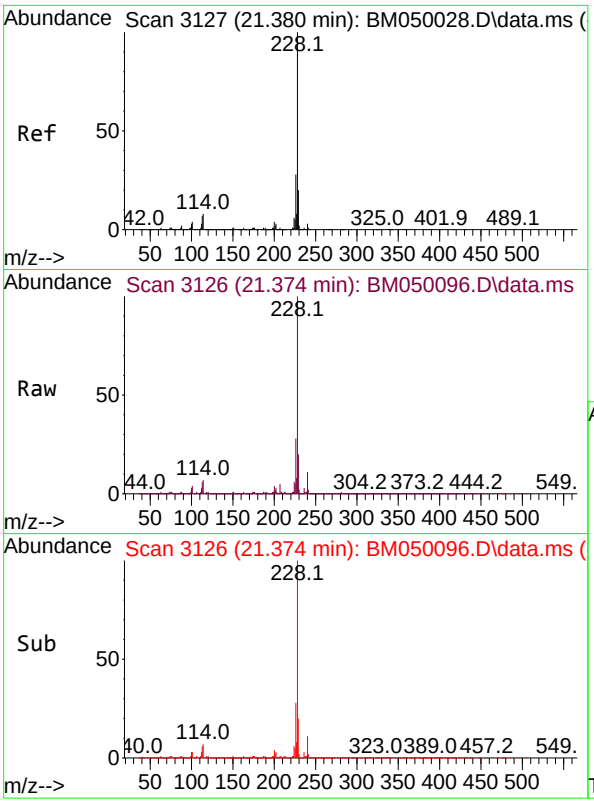


#80
Butylbenzylphthalate
Concen: 39.083 ng
RT: 20.468 min Scan# 2972
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:149 Resp: 1284636

Ion	Ratio	Lower	Upper
149	100		
91	59.0	47.4	71.2
206	25.4	19.4	29.0



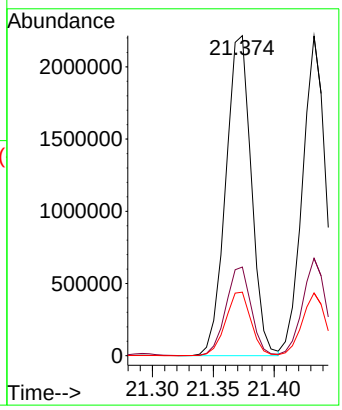


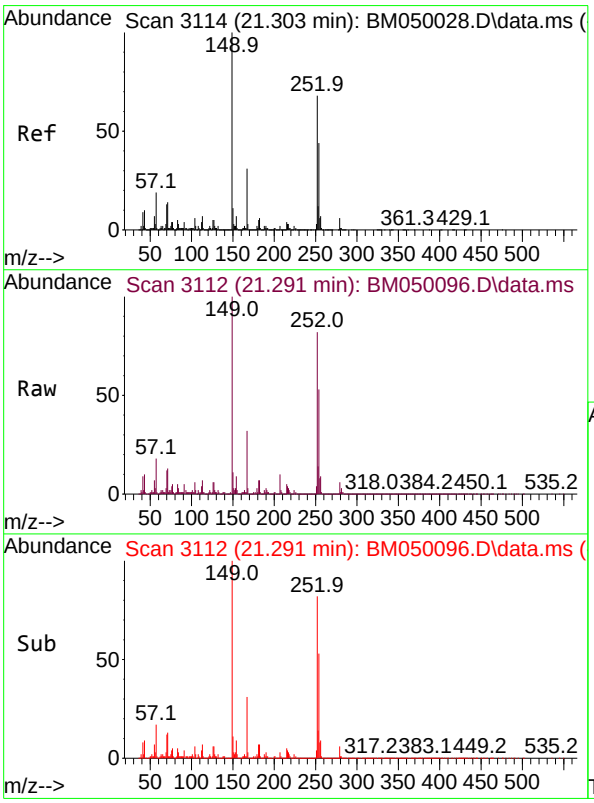
#81
Benzo(a)anthracene
Concen: 37.585 ng
RT: 21.374 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3234550

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.8	15.7	23.5

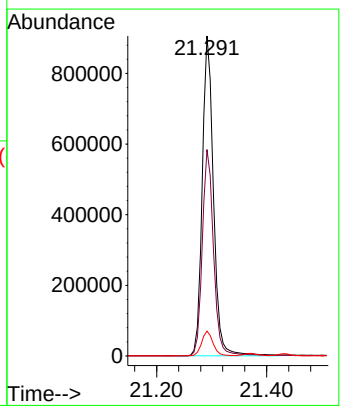


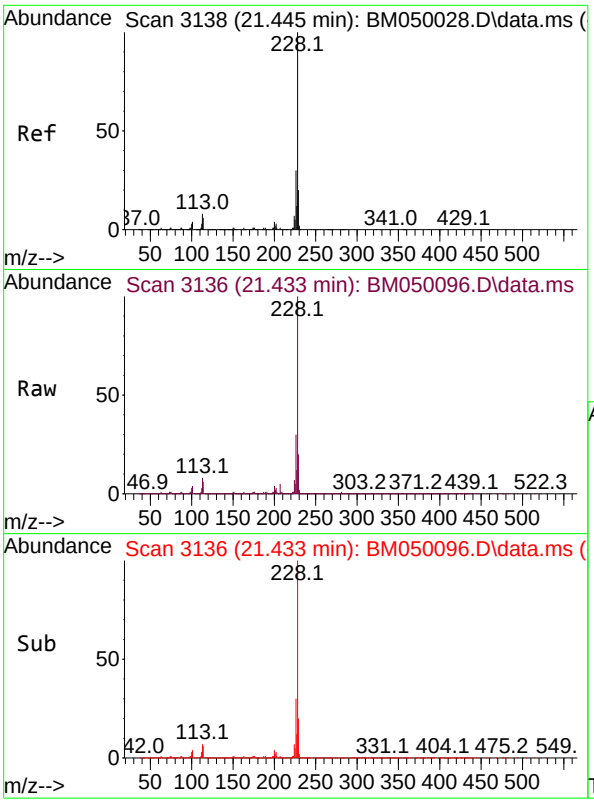


#82
3,3'-Dichlorobenzidine
Concen: 38.964 ng
RT: 21.291 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:252 Resp: 1283648

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	7.7	6.0	9.0



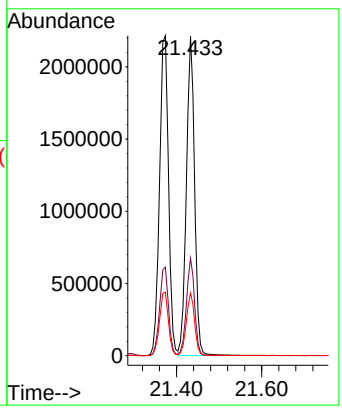


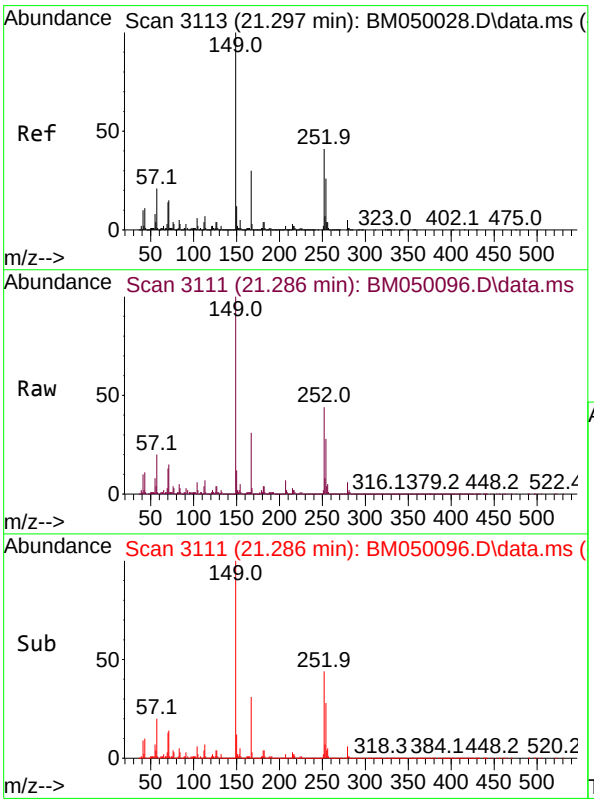
#83
Chrysene
Concen: 37.189 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2962136

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.6	15.7	23.5

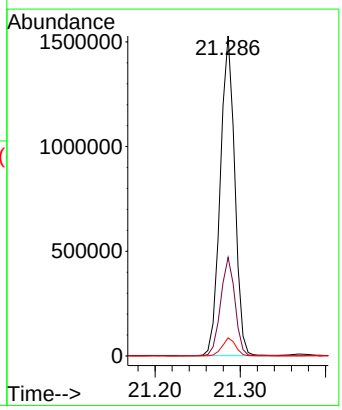


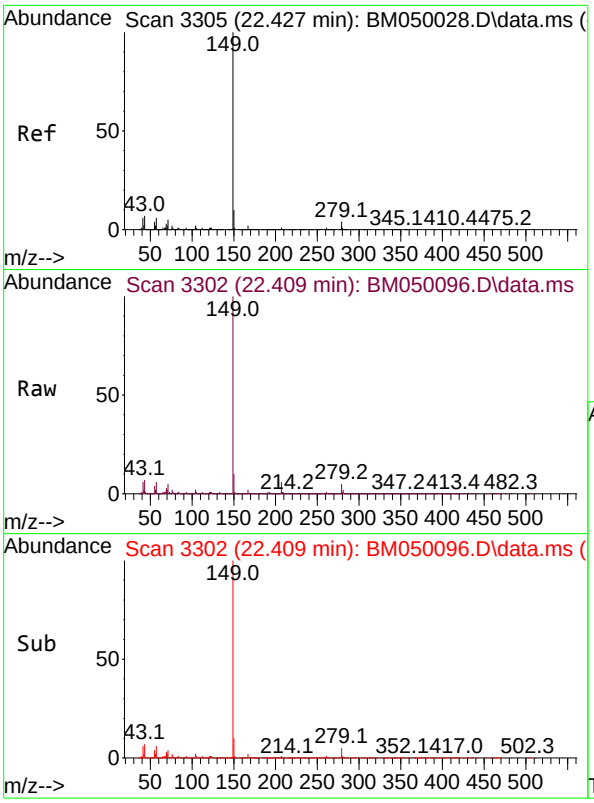


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.699 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:149 Resp: 1801797

Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.1	36.1
279	5.7	3.9	5.9



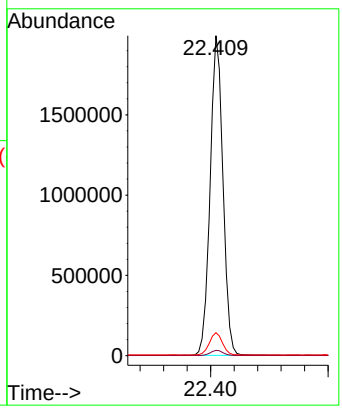


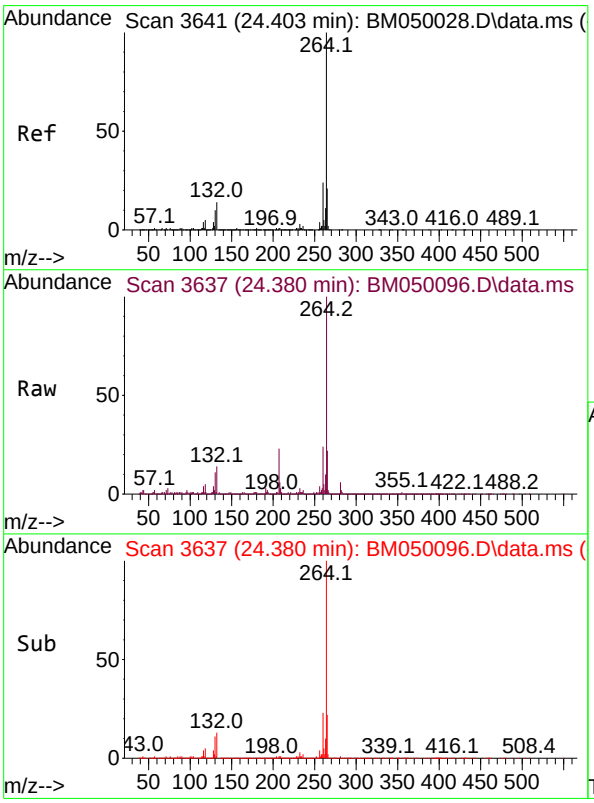
#85
Di-n-octyl phthalate
Concen: 37.178 ng
RT: 22.409 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 3010178

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.1	5.8	8.8

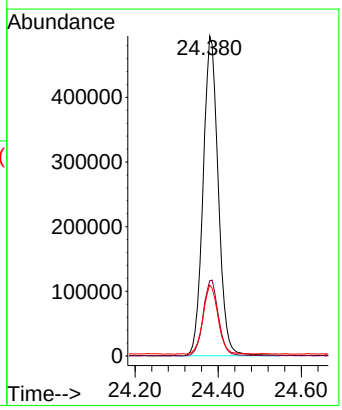


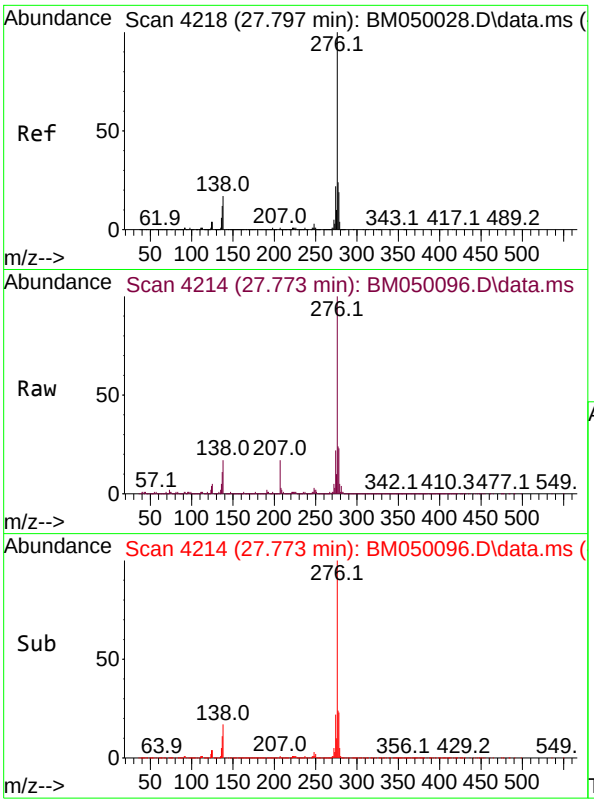


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:264 Resp: 1253431

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.1	17.0	25.4



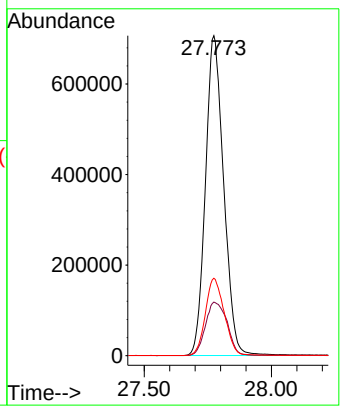


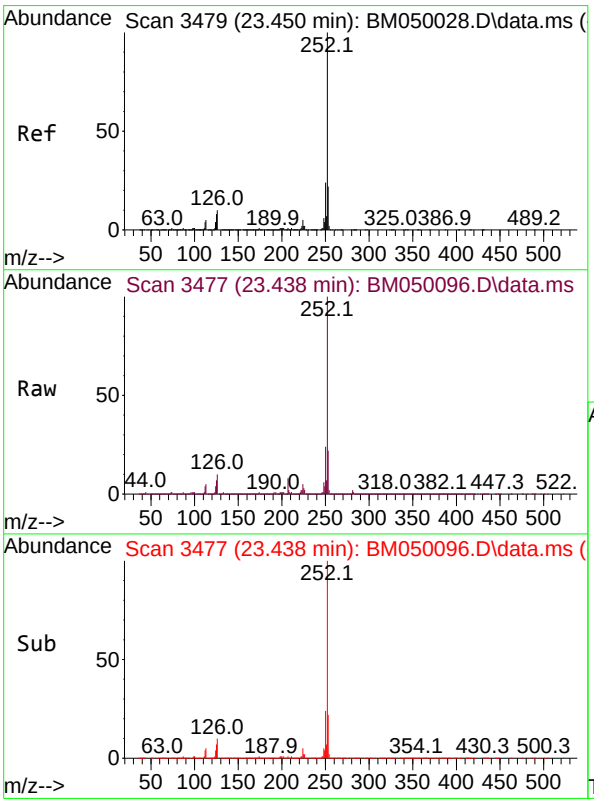
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.708 ng
RT: 27.773 min Scan# 4
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 3521793

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.4	24.6
277	25.0	19.8	29.8

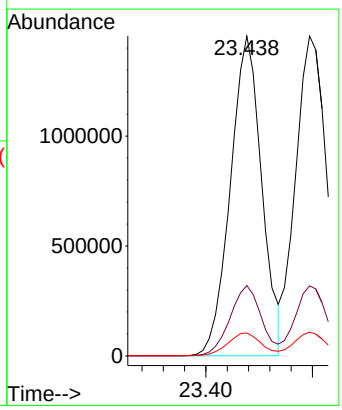


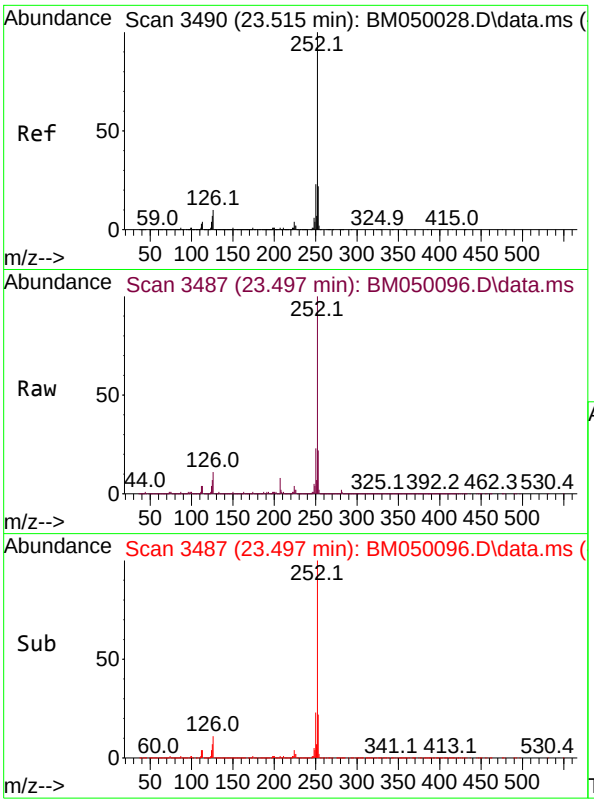


#88
Benzo(b)fluoranthene
Concen: 36.480 ng
RT: 23.438 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:252 Resp: 2973664

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	7.2	6.1	9.1



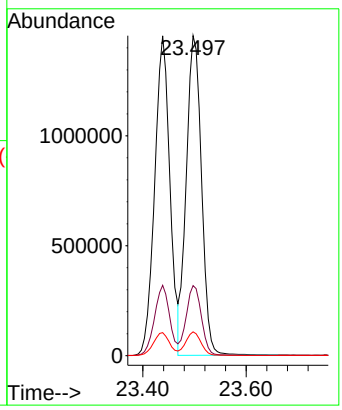


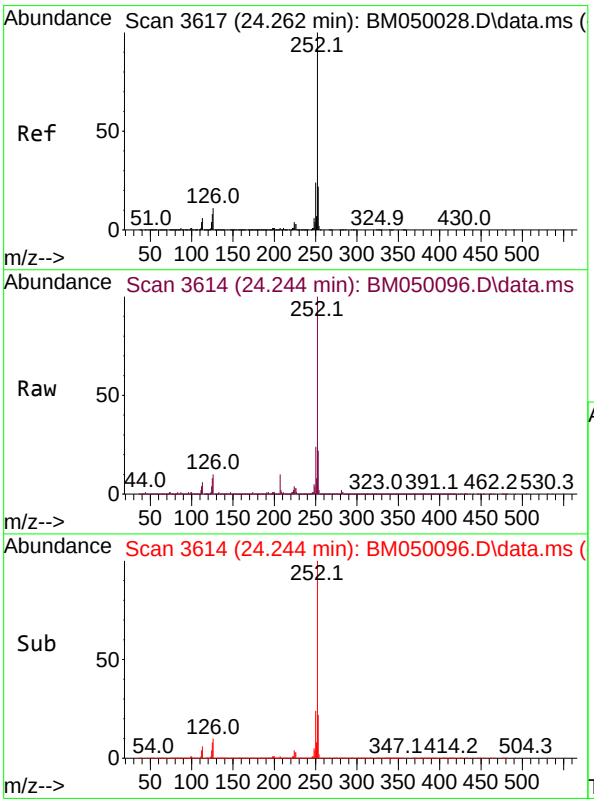
#89
Benzo(k)fluoranthene
Concen: 36.097 ng
RT: 23.497 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2976318

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	7.5	5.8	8.8

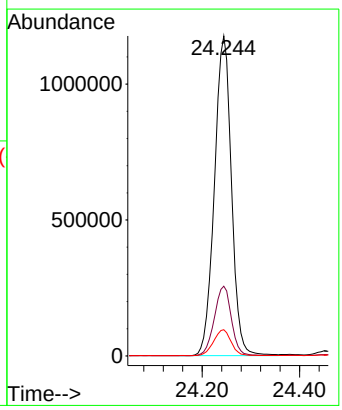


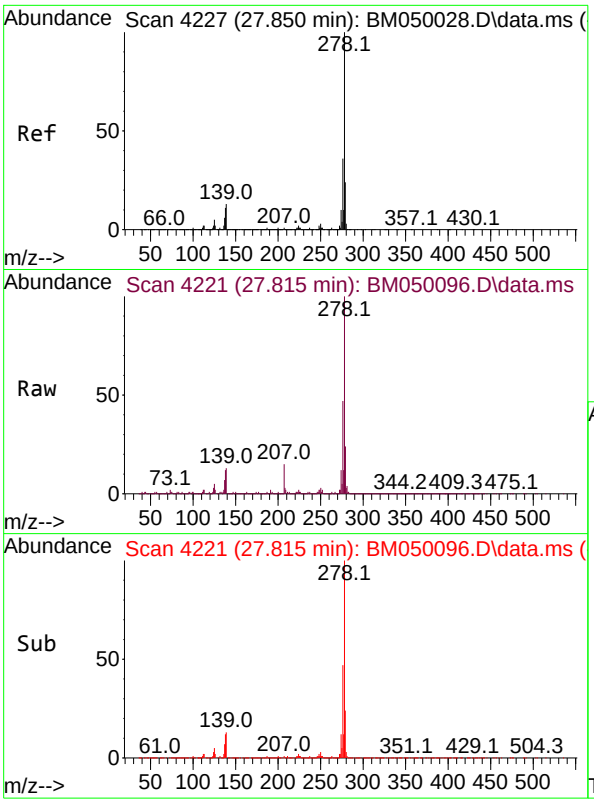


#90
Benzo(a)pyrene
Concen: 37.436 ng
RT: 24.244 min Scan# 3614
Delta R.T. -0.018 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:252 Resp: 2858100

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	8.2	6.6	9.8



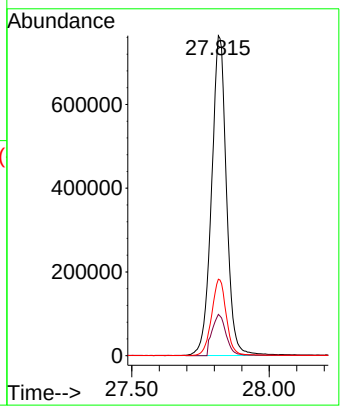


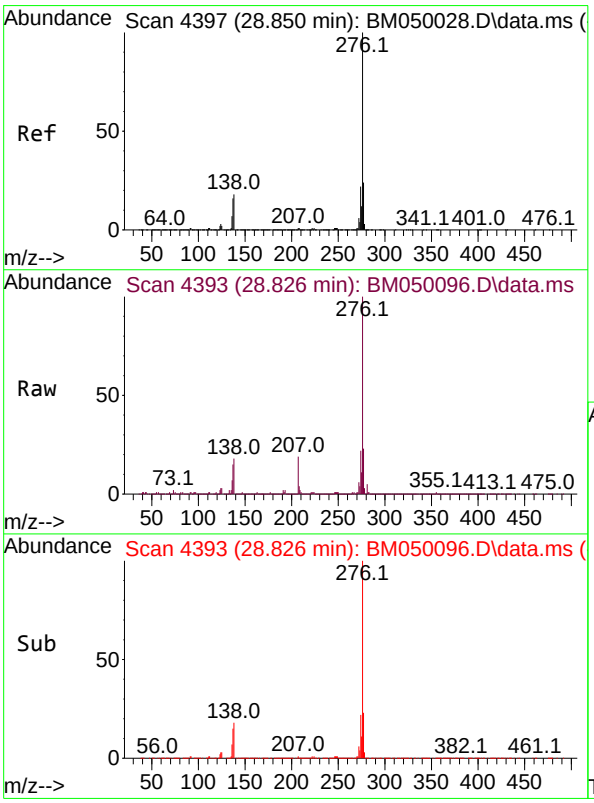
#91
Dibenzo(a,h)anthracene
Concen: 37.873 ng
RT: 27.815 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2883384

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.5	15.7
279	23.9	19.4	29.0

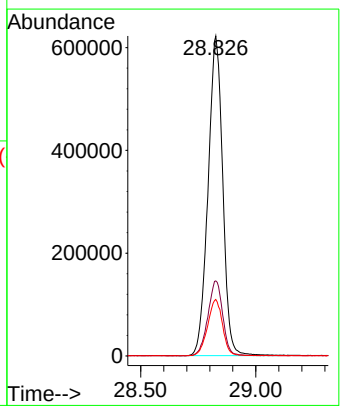




#92
Benzo(g,h,i)perylene
Concen: 37.799 ng
RT: 28.826 min Scan# 4393
Delta R.T. -0.024 min
Lab File: BM050096.D
Acq: 05 May 2025 12:18

Tgt Ion:276 Resp: 2755094

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	17.7	14.3	21.5



Sample Results: **BM050096.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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	105	-0.02
2		1,4-Dioxane	0.490	0.440	10.2	91	-0.02
3		Pyridine	1.258	1.210	3.8	96	-0.02
4		n-Nitrosodimethylamine	0.493	0.461	6.5	93	-0.02
5	S	2-Fluorophenol	1.142	1.095	4.1	95	-0.02
6		Aniline	1.813	1.770	2.4	96	-0.02
7	S	Phenol-d6	1.436	1.417	1.3	97	-0.02
8		2-Chlorophenol	1.235	1.197	3.1	96	-0.02
9		Benzaldehyde	0.961	0.917	4.6	94	-0.02
10	C	Phenol	1.453	1.425	1.9	97	-0.02
11		bis(2-Chloroethyl)ether	1.213	1.144	5.7	94	-0.02
12		1,3-Dichlorobenzene	1.492	1.404	5.9	94	-0.02
13	C	1,4-Dichlorobenzene	1.499	1.413	5.7	95	-0.02
14		1,2-Dichlorobenzene	1.448	1.363	5.9	94	-0.02
15		Benzyl Alcohol	0.996	1.018	-2.2	99	-0.02
16		2,2'-oxybis(1-Chloropropane	1.475	1.399	5.2	95	-0.02
17		2-Methylphenol	0.957	0.951	0.6	97	-0.01
18		Hexachloroethane	0.533	0.498	6.6	94	-0.02
19	P	n-Nitroso-di-n-propylamine	0.921	0.922	-0.1	97	-0.02
20		3+4-Methylphenols	1.293	1.307	-1.1	99	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	109	-0.02
22		Acetophenone	0.497	0.471	5.2	96	-0.02
23	S	Nitrobenzene-d5	0.406	0.383	5.7	96	-0.02
24		Nitrobenzene	0.351	0.331	5.7	96	-0.02
25		Isophorone	0.692	0.662	4.3	99	-0.02
26	C	2-Nitrophenol	0.179	0.181	-1.1	100	-0.02
27		2,4-Dimethylphenol	0.297	0.291	2.0	98	-0.02
28		bis(2-Chloroethoxy)methane	0.428	0.405	5.4	97	-0.02
29	C	2,4-Dichlorophenol	0.333	0.330	0.9	99	-0.02
30		1,2,4-Trichlorobenzene	0.406	0.380	6.4	97	-0.02
31		Naphthalene	1.013	0.951	6.1	97	-0.02
32		Benzoic acid	0.190	0.198	-4.2	109	0.00
33		4-Chloroaniline	0.415	0.407	1.9	101	-0.02
34	C	Hexachlorobutadiene	0.258	0.238	7.8	96	-0.02
35		Caprolactam	0.097	0.100	-3.1	104	-0.02
36	C	4-Chloro-3-methylphenol	0.308	0.301	2.3	101	-0.01
37		2-Methylnaphthalene	0.679	0.646	4.9	99	-0.02
38		1-Methylnaphthalene	0.719	0.679	5.6	98	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	112	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.692	0.652	5.8	98	-0.02
41	P	Hexachlorocyclopentadiene	0.423	0.376	11.1	93	-0.02
42	S	2,4,6-Tribromophenol	0.296	0.291	1.7	103	-0.01
43	C	2,4,6-Trichlorophenol	0.439	0.433	1.4	102	-0.02
44		2,4,5-Trichlorophenol	0.474	0.469	1.1	102	-0.01
45	S	2-Fluorobiphenyl	1.691	1.567	7.3	97	-0.02
46		1,1'-Biphenyl	1.487	1.376	7.5	98	-0.02
47		2-Chloronaphthalene	1.177	1.088	7.6	98	-0.02

Sample Results: **BM050096.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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	0.276	0.274	0.7	102	-0.02
49		Acenaphthylene	1.857	1.741	6.2	99	-0.02
50		Dimethylphthalate	1.462	1.361	6.9	100	-0.01
51		2,6-Dinitrotoluene	0.303	0.297	2.0	102	-0.02
52	C	Acenaphthene	1.075	0.996	7.3	99	-0.02
53		3-Nitroaniline	0.289	0.294	-1.7	103	-0.02
54	P	2,4-Dinitrophenol	0.164	0.171	-4.3	108	-0.01
55		Dibenzofuran	1.788	1.672	6.5	100	-0.01
56	P	4-Nitrophenol	0.205	0.212	-3.4	106	-0.01
57		2,4-Dinitrotoluene	0.418	0.417	0.2	103	-0.01
58		Fluorene	1.463	1.372	6.2	99	-0.02
59		2,3,4,6-Tetrachlorophenol	0.410	0.399	2.7	103	-0.01
60		Diethylphthalate	1.377	1.270	7.8	99	-0.01
61		4-Chlorophenyl-phenylether	0.804	0.753	6.3	99	-0.02
62		4-Nitroaniline	0.279	0.293	-5.0	105	-0.01
63		Azobenzene	1.154	1.071	7.2	99	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	115	-0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.125	0.0	106	-0.01
66	c	n-Nitrosodiphenylamine	0.614	0.580	5.5	102	-0.01
67		4-Bromophenyl-phenylether	0.242	0.226	6.6	101	-0.01
68		Hexachlorobenzene	0.279	0.261	6.5	102	-0.01
69		Atrazine	0.222	0.214	3.6	104	-0.02
70	C	Pentachlorophenol	0.157	0.152	3.2	105	-0.01
71		Phenanthrene	1.128	1.050	6.9	101	-0.01
72		Anthracene	1.142	1.073	6.0	101	-0.01
73		Carbazole	0.991	0.945	4.6	103	-0.02
74		Di-n-butylphthalate	1.180	1.105	6.4	102	-0.01
75	C	Fluoranthene	1.324	1.269	4.2	103	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	112	-0.01
77		Benzidine	0.710	0.708	0.3	103	-0.01
78		Pyrene	1.404	1.384	1.4	102	-0.01
79	S	Terphenyl-d14	1.352	1.328	1.8	98	0.00
80		Butylbenzylphthalate	0.526	0.514	2.3	103	-0.01
81		Benzo(a)anthracene	1.377	1.294	6.0	98	0.00
82		3,3'-Dichlorobenzidine	0.527	0.514	2.5	99	-0.01
83		Chrysene	1.275	1.185	7.1	99	-0.01
84		Bis(2-ethylhexyl)phthalate	0.786	0.721	8.3	96	-0.01
85	c	Di-n-octyl phthalate	1.296	1.204	7.1	99	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	117	-0.02
87		Indeno(1,2,3-cd)pyrene	1.490	1.405	5.7	103	-0.02
88		Benzo(b)fluoranthene	1.301	1.186	8.8	99	-0.01
89		Benzo(k)fluoranthene	1.316	1.187	9.8	100	-0.02
90	C	Benzo(a)pyrene	1.218	1.140	6.4	103	-0.02
91		Dibenzo(a,h)anthracene	1.215	1.150	5.3	103	-0.04
92		Benzo(g,h,i)perylene	1.163	1.099	5.5	104	-0.02

Sample Results: **BM050096.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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: **BM050096.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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	105	-0.02
2		1,4-Dioxane	40.000	35.976	10.1	91	-0.02
3		Pyridine	40.000	38.453	3.9	96	-0.02
4		n-Nitrosodimethylamine	40.000	37.372	6.6	93	-0.02
5	S	2-Fluorophenol	80.000	76.675	4.2	95	-0.02
6		Aniline	40.000	39.051	2.4	96	-0.02
7	S	Phenol-d6	80.000	78.959	1.3	97	-0.02
8		2-Chlorophenol	40.000	38.778	3.1	96	-0.02
9		Benzaldehyde	40.000	38.194	4.5	94	-0.02
10	C	Phenol	40.000	39.230	1.9	97	-0.02
11		bis(2-Chloroethyl)ether	40.000	37.722	5.7	94	-0.02
12		1,3-Dichlorobenzene	40.000	37.650	5.9	94	-0.02
13	C	1,4-Dichlorobenzene	40.000	37.725	5.7	95	-0.02
14		1,2-Dichlorobenzene	40.000	37.671	5.8	94	-0.02
15		Benzyl Alcohol	40.000	40.911	-2.3	99	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	37.940	5.2	95	-0.02
17		2-Methylphenol	40.000	39.731	0.7	97	-0.01
18		Hexachloroethane	40.000	37.387	6.5	94	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	40.068	-0.2	97	-0.02
20		3+4-Methylphenols	40.000	40.424	-1.1	99	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	109	-0.02
22		Acetophenone	40.000	37.853	5.4	96	-0.02
23	S	Nitrobenzene-d5	80.000	75.486	5.6	96	-0.02
24		Nitrobenzene	40.000	37.711	5.7	96	-0.02
25		Isophorone	40.000	38.272	4.3	99	-0.02
26	C	2-Nitrophenol	40.000	40.391	-1.0	100	-0.02
27		2,4-Dimethylphenol	40.000	39.207	2.0	98	-0.02
28		bis(2-Chloroethoxy)methane	40.000	37.911	5.2	97	-0.02
29	C	2,4-Dichlorophenol	40.000	39.667	0.8	99	-0.02
30		1,2,4-Trichlorobenzene	40.000	37.455	6.4	97	-0.02
31		Naphthalene	40.000	37.558	6.1	97	-0.02
32		Benzoic acid	40.000	41.598	-4.0	109	0.00
33		4-Chloroaniline	40.000	39.262	1.8	101	-0.02
34	C	Hexachlorobutadiene	40.000	36.955	7.6	96	-0.02
35		Caprolactam	40.000	41.235	-3.1	104	-0.02
36	C	4-Chloro-3-methylphenol	40.000	39.178	2.1	101	-0.01
37		2-Methylnaphthalene	40.000	38.059	4.9	99	-0.02
38		1-Methylnaphthalene	40.000	37.796	5.5	98	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	112	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	37.664	5.8	98	-0.02
41	P	Hexachlorocyclopentadiene	40.000	35.546	11.1	93	-0.02
42	S	2,4,6-Tribromophenol	80.000	78.767	1.5	103	-0.01
43	C	2,4,6-Trichlorophenol	40.000	39.402	1.5	102	-0.02
44		2,4,5-Trichlorophenol	40.000	39.588	1.0	102	-0.01
45	S	2-Fluorobiphenyl	80.000	74.166	7.3	97	-0.02
46		1,1'-Biphenyl	40.000	37.011	7.5	98	-0.02
47		2-Chloronaphthalene	40.000	36.973	7.6	98	-0.02

Sample Results: **BM050096.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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	39.633	0.9	102	-0.02
49		Acenaphthylene	40.000	37.514	6.2	99	-0.02
50		Dimethylphthalate	40.000	37.233	6.9	100	-0.01
51		2,6-Dinitrotoluene	40.000	39.208	2.0	102	-0.02
52	C	Acenaphthene	40.000	37.091	7.3	99	-0.02
53		3-Nitroaniline	40.000	40.707	-1.8	103	-0.02
54	P	2,4-Dinitrophenol	40.000	38.565	3.6	108	-0.01
55		Dibenzofuran	40.000	37.408	6.5	100	-0.01
56	P	4-Nitrophenol	40.000	38.524	3.7	106	-0.01
57		2,4-Dinitrotoluene	40.000	39.934	0.2	103	-0.01
58		Fluorene	40.000	37.511	6.2	99	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	38.984	2.5	103	-0.01
60		Diethylphthalate	40.000	36.893	7.8	99	-0.01
61		4-Chlorophenyl-phenylether	40.000	37.488	6.3	99	-0.02
62		4-Nitroaniline	40.000	42.051	-5.1	105	-0.01
63		Azobenzene	40.000	37.117	7.2	99	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	115	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	39.962	0.1	106	-0.01
66	c	n-Nitrosodiphenylamine	40.000	37.777	5.6	102	-0.01
67		4-Bromophenyl-phenylether	40.000	37.394	6.5	101	-0.01
68		Hexachlorobenzene	40.000	37.471	6.3	102	-0.01
69		Atrazine	40.000	38.676	3.3	104	-0.02
70	C	Pentachlorophenol	40.000	38.816	3.0	105	-0.01
71		Phenanthrene	40.000	37.219	7.0	101	-0.01
72		Anthracene	40.000	37.595	6.0	101	-0.01
73		Carbazole	40.000	38.159	4.6	103	-0.02
74		Di-n-butylphthalate	40.000	37.453	6.4	102	-0.01
75	C	Fluoranthene	40.000	38.339	4.2	103	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	112	-0.01
77		Benzidine	40.000	39.848	0.4	103	-0.01
78		Pyrene	40.000	39.422	1.4	102	-0.01
79	S	Terphenyl-d14	80.000	78.622	1.7	98	0.00
80		Butylbenzylphthalate	40.000	39.083	2.3	103	-0.01
81		Benzo(a)anthracene	40.000	37.585	6.0	98	0.00
82		3,3'-Dichlorobenzidine	40.000	38.964	2.6	99	-0.01
83		Chrysene	40.000	37.189	7.0	99	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	36.699	8.3	96	-0.01
85	c	Di-n-octyl phthalate	40.000	37.178	7.1	99	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	117	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	37.708	5.7	103	-0.02
88		Benzo(b)fluoranthene	40.000	36.480	8.8	99	-0.01
89		Benzo(k)fluoranthene	40.000	36.097	9.8	100	-0.02
90	C	Benzo(a)pyrene	40.000	37.436	6.4	103	-0.02
91		Dibenzo(a,h)anthracene	40.000	37.873	5.3	103	-0.04
92		Benzo(g,h,i)perylene	40.000	37.799	5.5	104	-0.02

Sample Results: **BM050096.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: BNA_M Calibration Date/Time: 05/06/2025 10:03

Lab File ID: BM050112.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.120		-1.9	
Benzaldehyde	0.961	0.902		-6.1	
Phenol-d6	1.436	1.382		-3.8	
Phenol	1.453	1.397		-3.9	20.0
bis(2-Chloroethyl)ether	1.214	1.118		-7.9	
2-Chlorophenol	1.235	1.182		-4.3	
2-Methylphenol	0.957	0.897		-6.3	
2,2-oxybis(1-Chloropropane)	1.475	1.386		-6.0	
Acetophenone	0.497	0.470		-5.4	
3+4-Methylphenols	1.293	1.216		-6.0	
n-Nitroso-di-n-propylamine	0.921	0.855	0.050	-7.2	
Nitrobenzene-d5	0.406	0.390		-3.9	
Hexachloroethane	0.533	0.495		-7.1	
Nitrobenzene	0.351	0.336		-4.3	
Isophorone	0.692	0.645		-6.8	
2-Nitrophenol	0.179	0.177		-1.1	20.0
2,4-Dimethylphenol	0.297	0.286		-3.7	
bis(2-Chloroethoxy)methane	0.428	0.397		-7.2	
2,4-Dichlorophenol	0.333	0.316		-5.1	20.0
Naphthalene	1.013	0.947		-6.5	
4-Chloroaniline	0.415	0.392		-5.5	
Hexachlorobutadiene	0.258	0.242		-6.2	20.0
Caprolactam	0.097	0.091		-6.2	
4-Chloro-3-methylphenol	0.308	0.286		-7.1	20.0
2-Methylnaphthalene	0.679	0.629		-7.4	
Hexachlorocyclopentadiene	0.423	0.367	0.050	-13.2	
2,4,6-Trichlorophenol	0.439	0.428		-2.5	20.0
2-Fluorobiphenyl	1.691	1.590		-6.0	
2,4,5-Trichlorophenol	0.474	0.455		-4.0	
1,1-Biphenyl	1.487	1.393		-6.3	
2-Chloronaphthalene	1.177	1.109		-5.8	
2-Nitroaniline	0.276	0.277		0.4	
Dimethylphthalate	1.462	1.356		-7.3	
Acenaphthylene	1.857	1.731		-6.8	
2,6-Dinitrotoluene	0.303	0.292		-3.6	
3-Nitroaniline	0.289	0.290		0.3	
Acenaphthene	1.075	0.994		-7.5	20.0
2,4-Dinitrophenol	0.164	0.149	0.050	-9.1	
4-Nitrophenol	0.205	0.187	0.050	-8.8	

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: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: BNA_M Calibration Date/Time: 05/06/2025 10:03

Lab File ID: BM050112.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.788	1.657		-7.3	
2,4-Dinitrotoluene	0.418	0.410		-1.9	
Diethylphthalate	1.377	1.259		-8.6	
4-Chlorophenyl-phenylether	0.804	0.740		-8.0	
Fluorene	1.463	1.361		-7.0	
4-Nitroaniline	0.279	0.283		1.4	
4,6-Dinitro-2-methylphenol	0.125	0.119		-4.8	
n-Nitrosodiphenylamine	0.614	0.578		-5.9	20.0
2,4,6-Tribromophenol	0.296	0.278		-6.1	
4-Bromophenyl-phenylether	0.242	0.225		-7.0	
Hexachlorobenzene	0.279	0.262		-6.1	
Atrazine	0.222	0.209		-5.9	
Pentachlorophenol	0.157	0.141		-10.2	20.0
Phenanthrene	1.128	1.052		-6.7	
Anthracene	1.142	1.080		-5.4	
Carbazole	0.991	0.951		-4.0	
Di-n-butylphthalate	1.180	1.109		-6.0	
Fluoranthene	1.324	1.260		-4.8	20.0
Pyrene	1.404	1.352		-3.7	
Terphenyl-d14	1.352	1.328		-1.8	
Butylbenzylphthalate	0.526	0.505		-4.0	
3,3-Dichlorobenzidine	0.527	0.513		-2.7	
Benzo(a)anthracene	1.377	1.297		-5.8	
Chrysene	1.275	1.182		-7.3	
Bis(2-ethylhexyl)phthalate	0.786	0.734		-6.6	
Di-n-octyl phthalate	1.296	1.210		-6.6	20.0
Benzo(b)fluoranthene	1.301	1.214		-6.7	
Benzo(k)fluoranthene	1.316	1.212		-7.9	
Benzo(a)pyrene	1.218	1.143		-6.2	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.427		-4.2	
Dibenzo(a,h)anthracene	1.215	1.165		-4.1	
Benzo(g,h,i)perylene	1.163	1.111		-4.5	
1,2,4,5-Tetrachlorobenzene	0.692	0.660		-4.6	
1,4-Dioxane	0.490	0.475		-3.1	20.0
2,3,4,6-Tetrachlorophenol	0.410	0.384		-6.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050112.D
Acq On : 06 May 2025 10:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 06 11:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	267221	20.000	ng	-0.02
21) Naphthalene-d8	10.534	136	954129	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	616483	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1203468	20.000	ng	-0.02
76) Chrysene-d12	21.380	240	1155475	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1141097	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1196996	78.438	ng	-0.02
7) Phenol-d6	6.934	99	1476748	76.993	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1489030	76.902	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	686279	75.287	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3921809	75.257	ng	-0.02
79) Terphenyl-d14	19.768	244	6139793	78.628	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	253944	38.810	ng	100
3) Pyridine	3.640	79	655071	38.965	ng	97
4) n-Nitrosodimethylamine	3.546	42	250015	37.918	ng	99
6) Aniline	7.075	93	920231	37.995	ng	99
8) 2-Chlorophenol	7.316	128	631601	38.279	ng	99
9) Benzaldehyde	6.887	77	481932	37.547	ng	97
10) Phenol	6.963	94	746666	38.454	ng	97
11) bis(2-Chloroethyl)ether	7.169	93	597261	36.837	ng	100
12) 1,3-Dichlorobenzene	7.634	146	753556	37.808	ng	99
13) 1,4-Dichlorobenzene	7.781	146	756388	37.775	ng	99
14) 1,2-Dichlorobenzene	8.098	146	723756	37.419	ng	99
15) Benzyl Alcohol	7.993	79	511797	38.477	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.269	45	740816	37.588	ng	99
17) 2-Methylphenol	8.204	107	479642	37.497	ng	99
18) Hexachloroethane	8.816	117	264695	37.187	ng	97
19) n-Nitroso-di-n-propyla...	8.551	70	457118	37.160	ng	100
20) 3+4-Methylphenols	8.534	107	649732	37.613	ng	97
22) Acetophenone	8.569	105	896647	37.799	ng	98
24) Nitrobenzene	8.945	77	641465	38.314	ng	99
25) Isophorone	9.475	82	1230438	37.279	ng	99
26) 2-Nitrophenol	9.657	139	338225	39.544	ng	99
27) 2,4-Dimethylphenol	9.728	122	545234	38.439	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	758290	37.171	ng	100
29) 2,4-Dichlorophenol	10.210	162	603631	37.987	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	723685	37.380	ng	99
31) Naphthalene	10.586	128	1806338	37.383	ng	99
32) Benzoic acid	9.898	122	344919	38.021	ng	98
33) 4-Chloroaniline	10.704	127	748056	37.770	ng	99
34) Hexachlorobutadiene	10.869	225	461632	37.564	ng	99
35) Caprolactam	11.504	113	173157	37.373	ng	95
36) 4-Chloro-3-methylphenol	11.851	107	545209	37.137	ng	100
37) 2-Methylnaphthalene	12.204	142	1199979	37.041	ng	99
38) 1-Methylnaphthalene	12.422	142	1263138	36.844	ng	99
40) 1,2,4,5-Tetrachloroben...	12.580	216	813267	38.108	ng	99
41) Hexachlorocyclopentadiene	12.551	237	452979	34.733	ng	99
43) 2,4,6-Trichlorophenol	12.833	196	527545	38.974	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050112.D
Acq On : 06 May 2025 10:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 06 11:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

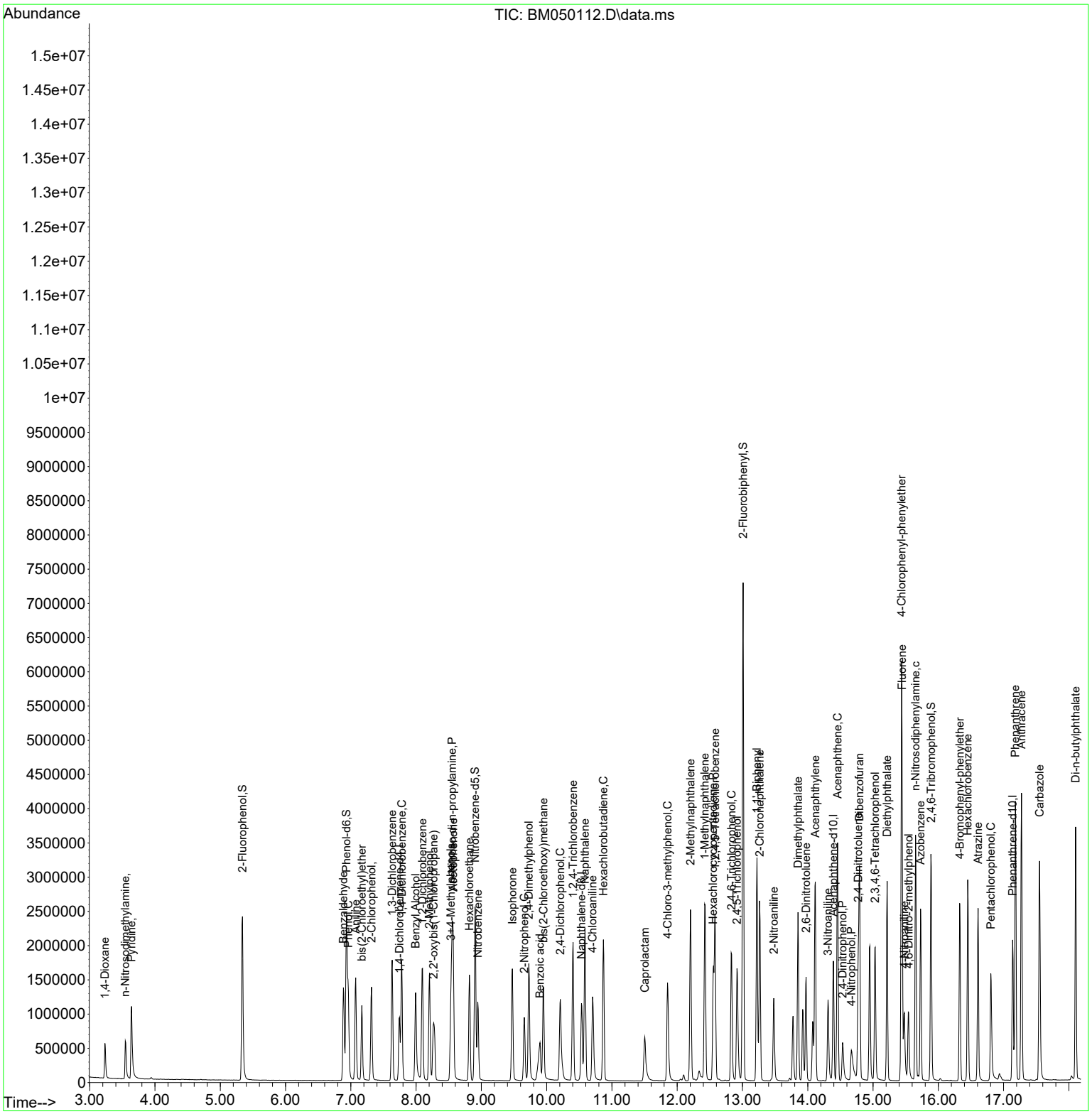
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	561088	38.440	ng	98
46) 1,1'-Biphenyl	13.222	154	1717706	37.483	ng	99
47) 2-Chloronaphthalene	13.263	162	1366748	37.657	ng	100
48) 2-Nitroaniline	13.480	65	341471	40.087	ng	100
49) Acenaphthylene	14.116	152	2133974	37.291	ng	100
50) Dimethylphthalate	13.851	163	1672159	37.115	ng	100
51) 2,6-Dinitrotoluene	13.975	165	360366	38.633	ng	98
52) Acenaphthene	14.457	154	1225254	36.990	ng	99
53) 3-Nitroaniline	14.310	138	357117	40.100	ng	99
54) 2,4-Dinitrophenol	14.533	184	183229	34.233	ng	95
55) Dibenzofuran	14.792	168	2042426	37.060	ng	99
56) 4-Nitrophenol	14.669	139	230774	34.581	ng	99
57) 2,4-Dinitrotoluene	14.774	165	505052	39.183	ng	97
58) Fluorene	15.445	166	1678531	37.210	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	474064	37.521	ng	99
60) Diethylphthalate	15.216	149	1552791	36.577	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	912927	36.846	ng	99
62) 4-Nitroaniline	15.480	138	349016	40.620	ng	98
63) Azobenzene	15.727	77	1318699	37.065	ng	100
65) 4,6-Dinitro-2-methylph...	15.545	198	286334	38.009	ng	99
66) n-Nitrosodiphenylamine	15.651	169	1392242	37.674	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	542466	37.275	ng	98
68) Hexachlorobenzene	16.451	284	630323	37.574	ng	99
69) Atrazine	16.610	200	502744	37.715	ng	99
70) Pentachlorophenol	16.804	266	340135	36.021	ng	99
71) Phenanthrene	17.180	178	2531629	37.297	ng	100
72) Anthracene	17.274	178	2598718	37.832	ng	99
73) Carbazole	17.551	167	2288501	38.394	ng	100
74) Di-n-butylphthalate	18.104	149	2669468	37.606	ng	99
75) Fluoranthene	19.204	202	3031823	38.044	ng	99
77) Benzidine	19.392	184	1563898	38.104	ng	100
78) Pyrene	19.568	202	3125279	38.517	ng	100
80) Butylbenzylphthalate	20.462	149	1166830	38.395	ng	98
81) Benzo(a)anthracene	21.362	228	2996833	37.663	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	1184813	38.898	ng	100
83) Chrysene	21.427	228	2731694	37.094	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1696855	37.381	ng	100
85) Di-n-octyl phthalate	22.403	149	2795441	37.342	ng	100
87) Indeno(1,2,3-cd)pyrene	27.756	276	3257358	38.310	ng	100
88) Benzo(b)fluoranthene	23.433	252	2770613	37.335	ng	99
89) Benzo(k)fluoranthene	23.492	252	2766829	36.859	ng	99
90) Benzo(a)pyrene	24.233	252	2608657	37.532	ng	100
91) Dibenzo(a,h)anthracene	27.803	278	2658072	38.350	ng	100
92) Benzo(g,h,i)perylene	28.815	276	2534494	38.196	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050112.D
Acq On : 06 May 2025 10:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

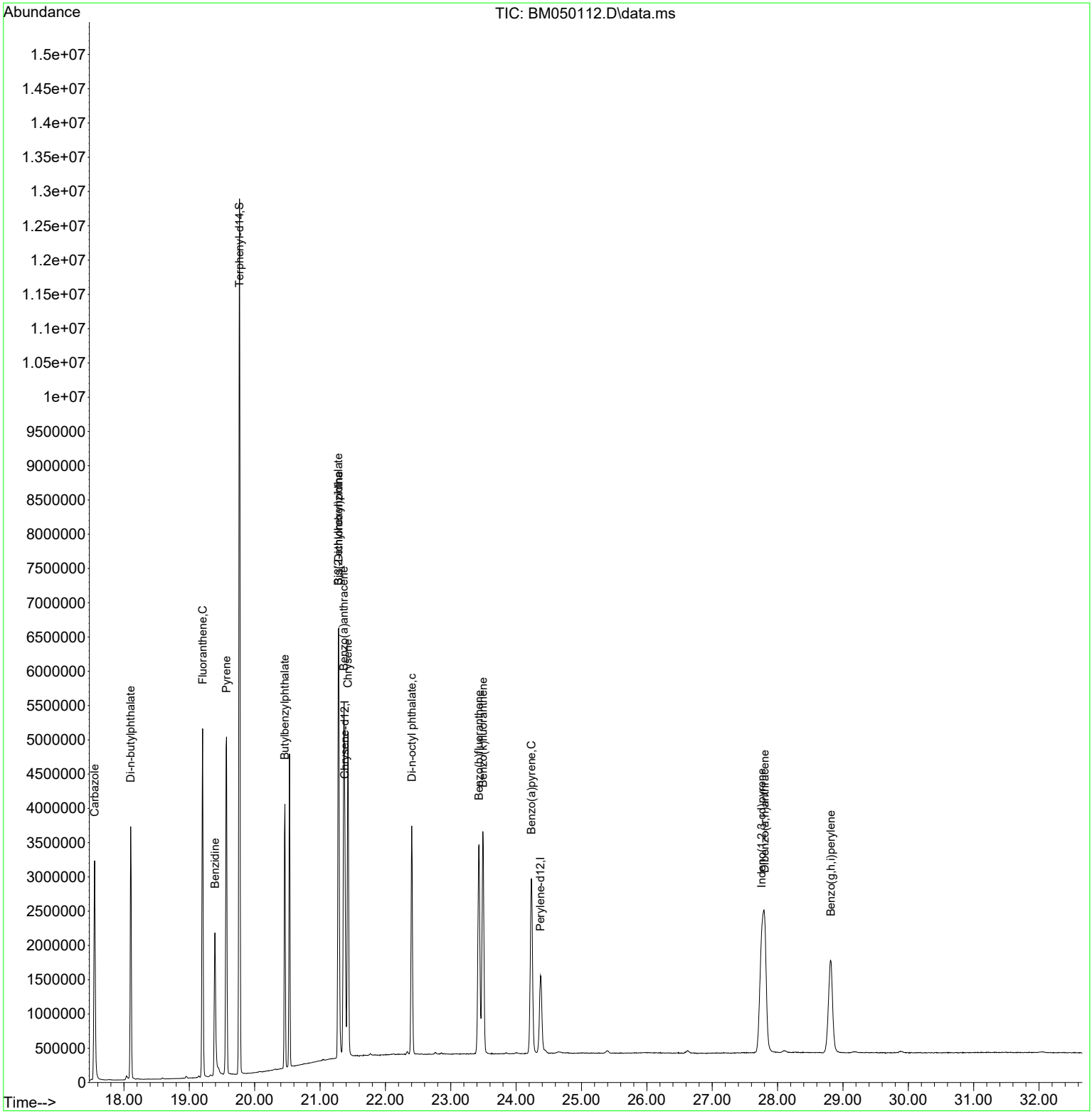
Quant Time: May 06 11:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

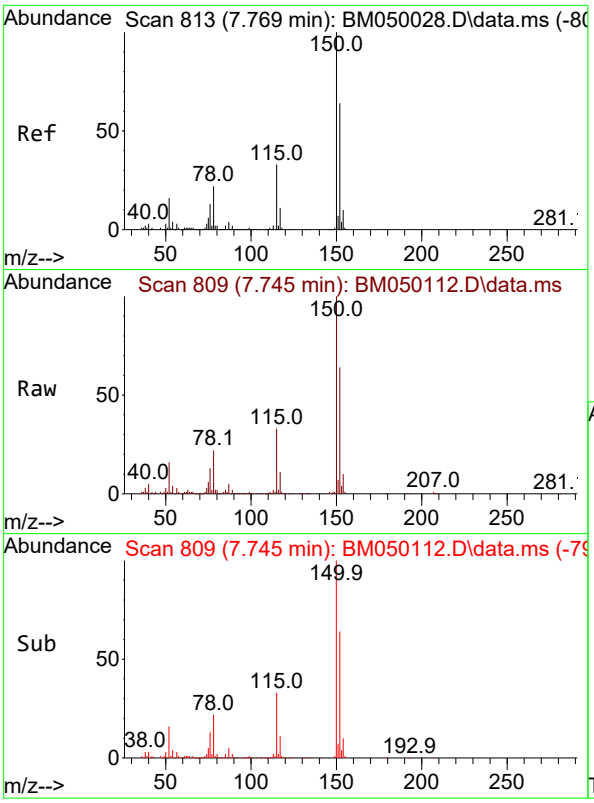


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050112.D
Acq On : 06 May 2025 10:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 06 11:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



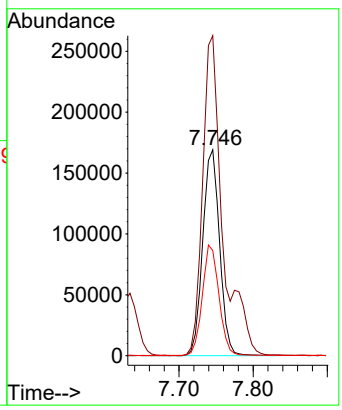


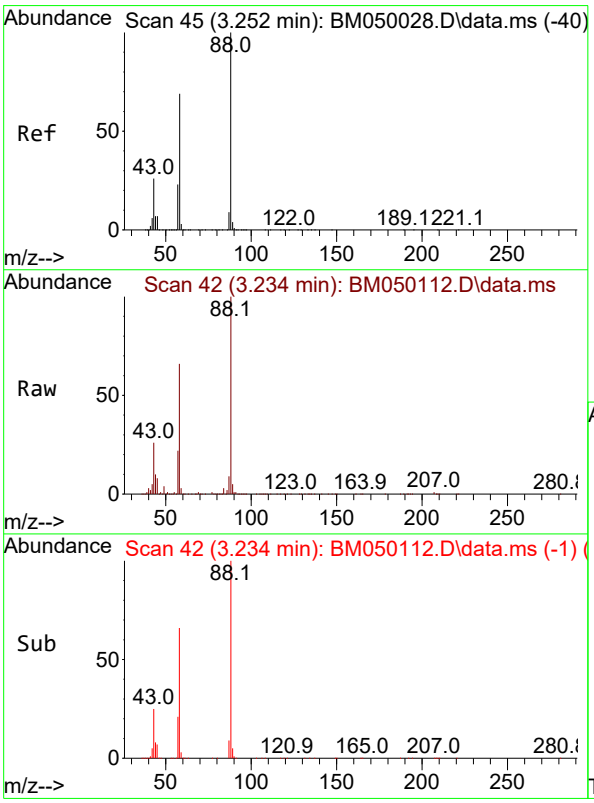
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 8
Delta R.T. -0.024 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 267221

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.1	186.1
115	51.0	41.2	61.8

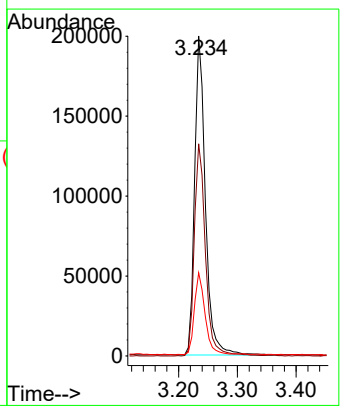


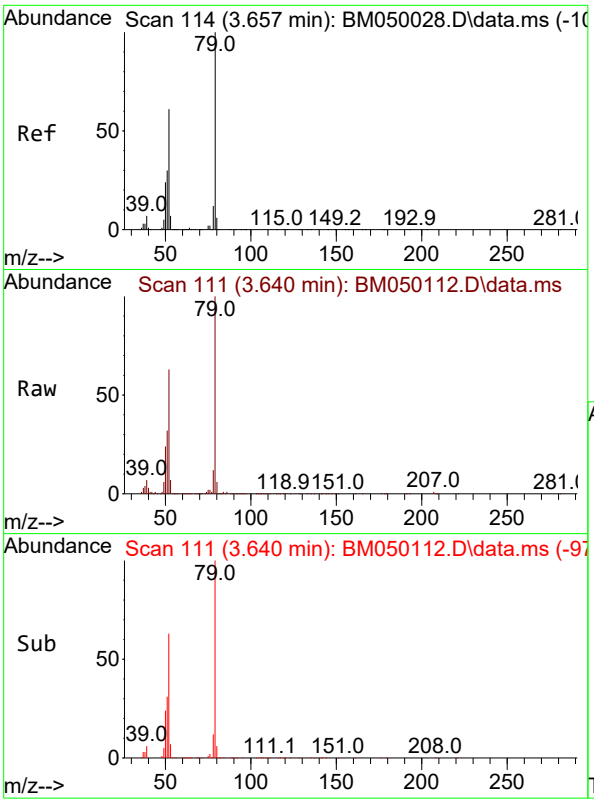


#2
1,4-Dioxane
Concen: 38.810 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion: 88 Resp: 253944

Ion	Ratio	Lower	Upper
88	100		
58	68.9	55.1	82.7
43	25.7	20.9	31.3



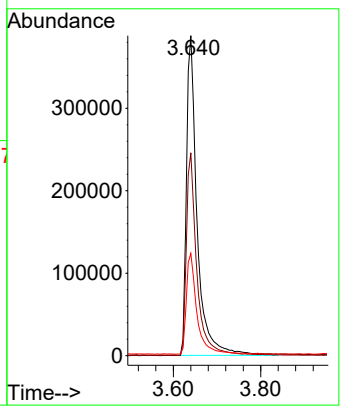


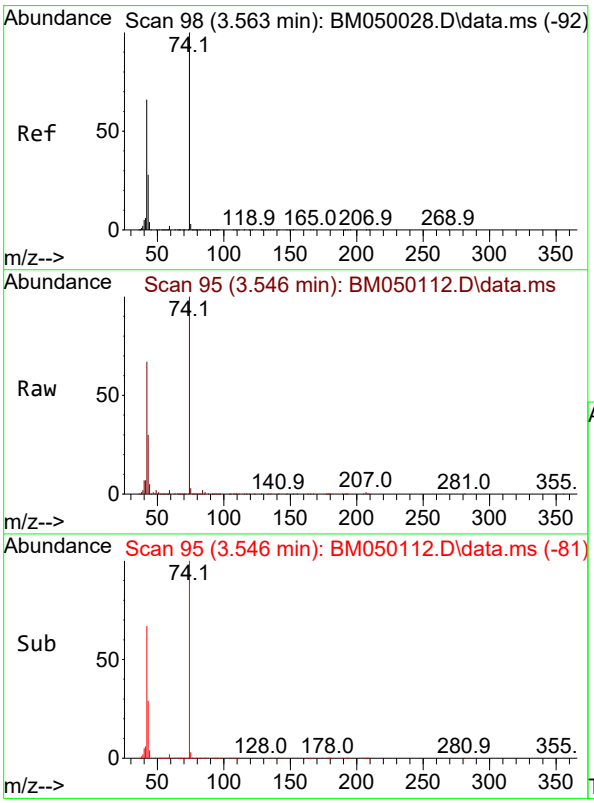
#3
Pyridine
Concen: 38.965 ng
RT: 3.640 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 655071

Ion	Ratio	Lower	Upper
79	100		
52	63.4	48.6	72.8
51	31.9	24.6	37.0

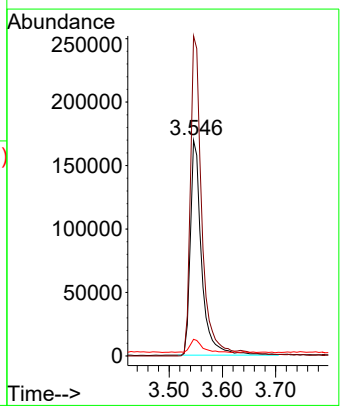


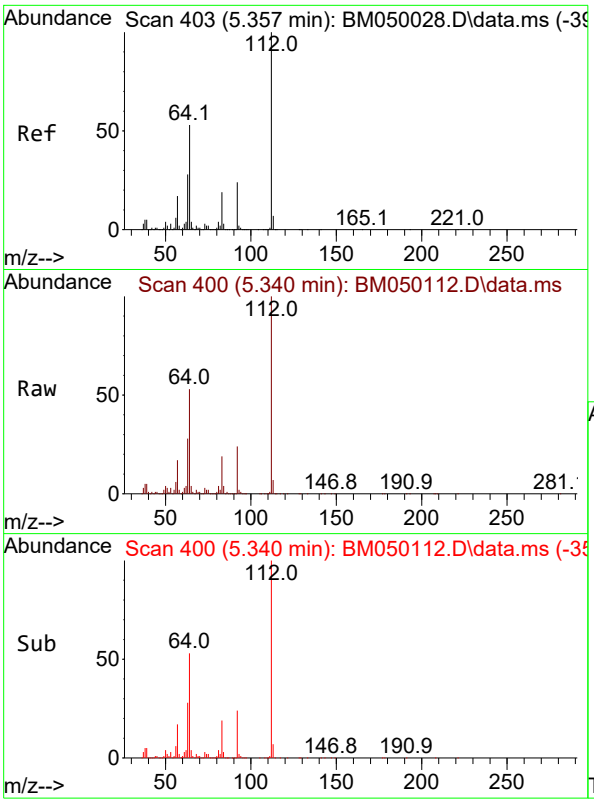


#4
n-Nitrosodimethylamine
Concen: 37.918 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion: 42 Resp: 250015

Ion	Ratio	Lower	Upper
42	100		
74	148.5	120.2	180.2
44	7.7	6.2	9.2



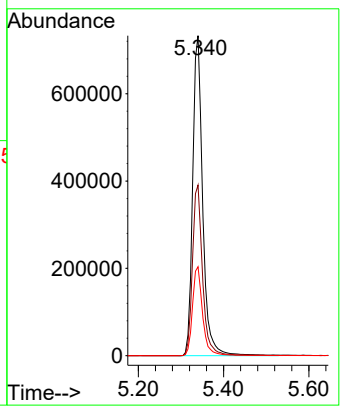


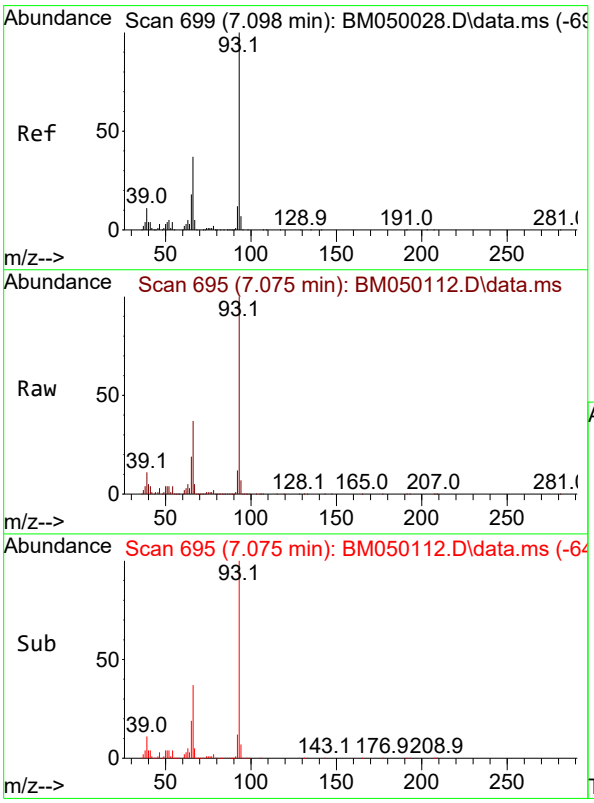
#5
2-Fluorophenol
Concen: 78.438 ng
RT: 5.340 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1196996

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.6	64.0
63	27.8	22.2	33.4

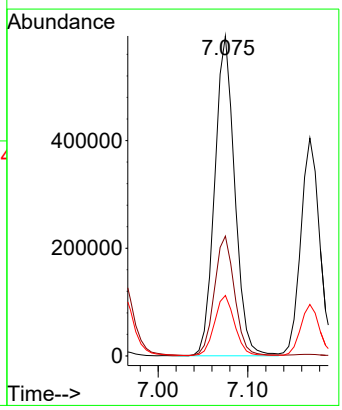


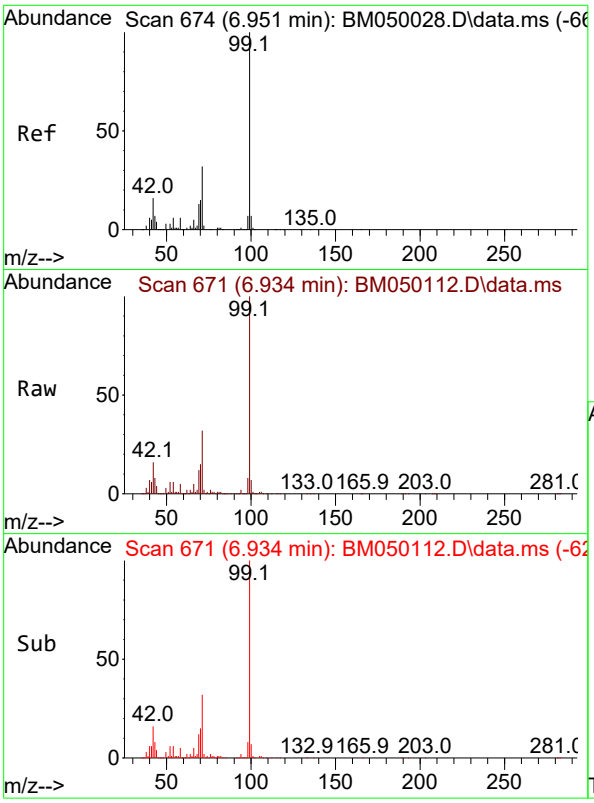


#6
Aniline
Concen: 37.995 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion: 93 Resp: 920231

Ion	Ratio	Lower	Upper
93	100		
66	37.5	29.9	44.9
65	18.9	14.5	21.7



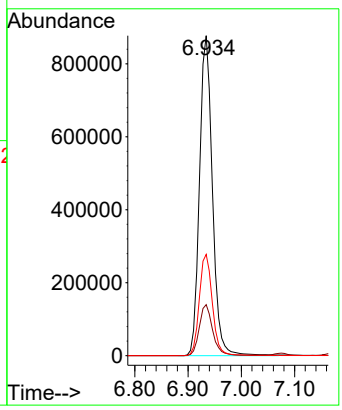


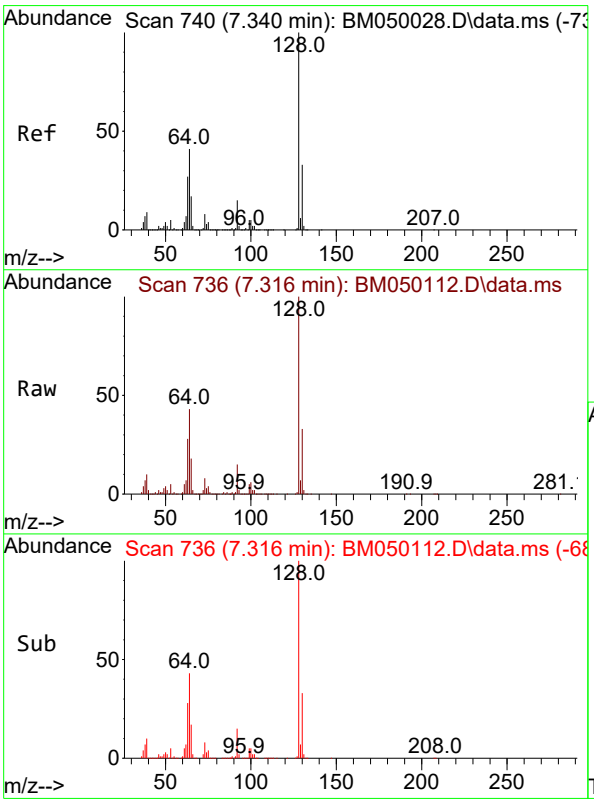
#7
Phenol-d6
Concen: 76.993 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1476748

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.4
71	31.7	25.6	38.4

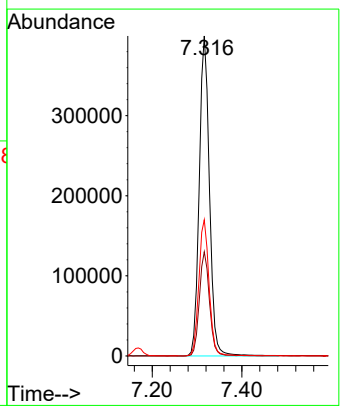


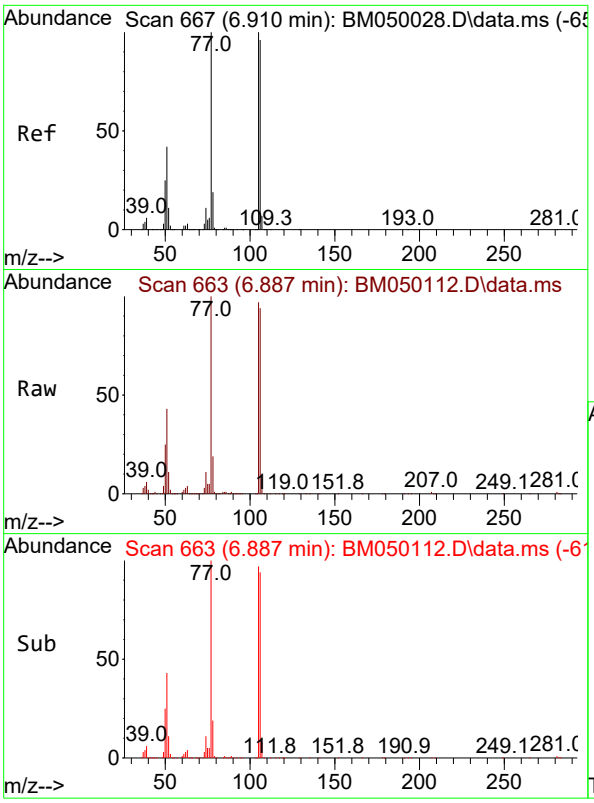


#8
2-Chlorophenol
Concen: 38.279 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:128 Resp: 631601

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.8	52.8
64	42.6	21.2	61.2



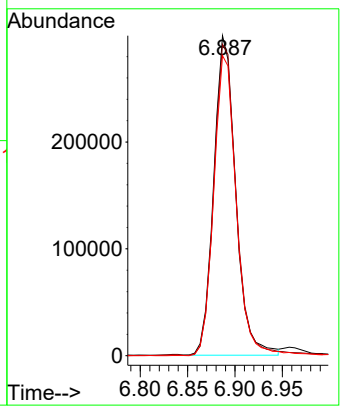


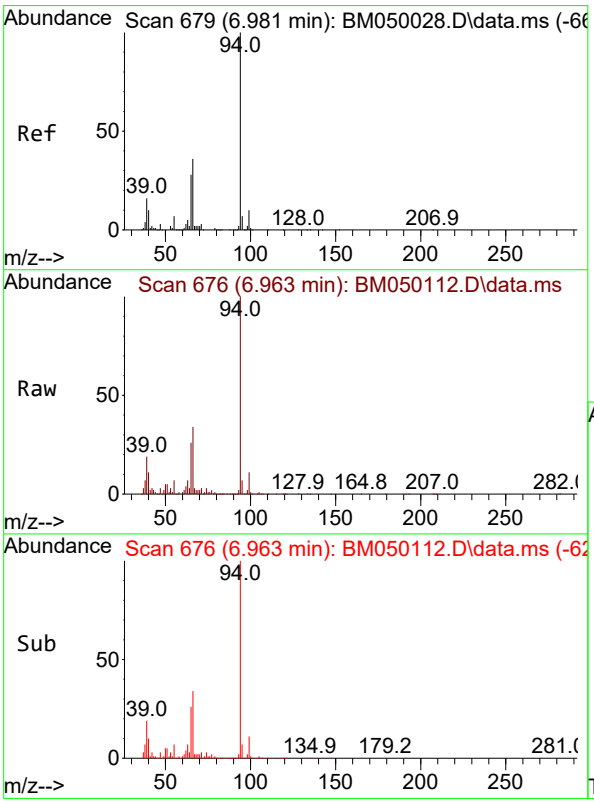
#9
Benzaldehyde
Concen: 37.547 ng
RT: 6.887 min Scan# 6
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 481932

Ion	Ratio	Lower	Upper
77	100		
105	97.3	80.5	120.5
106	93.8	76.1	116.1

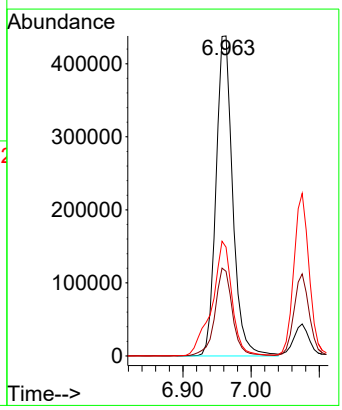


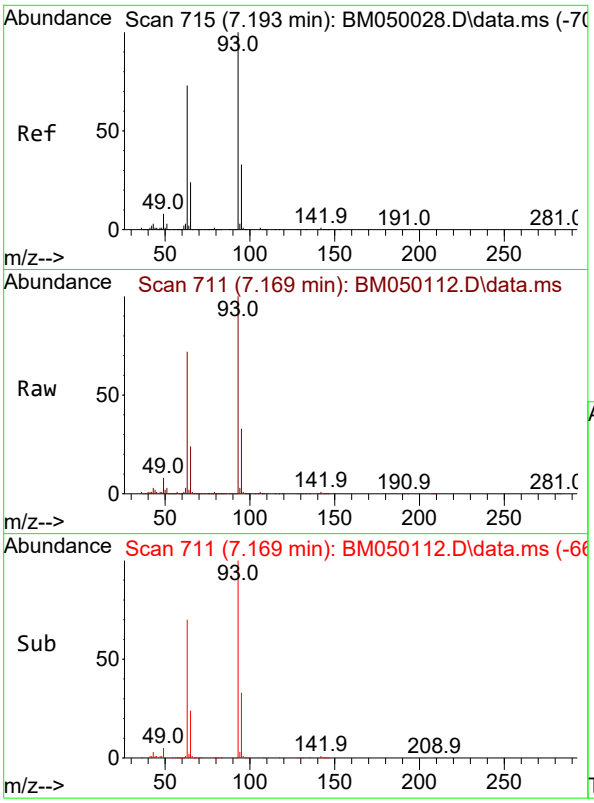


#10
Phenol
Concen: 38.454 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion: 94 Resp: 746666

Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.6	47.6
66	34.0	15.8	55.8



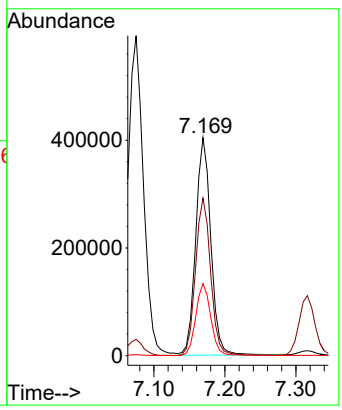


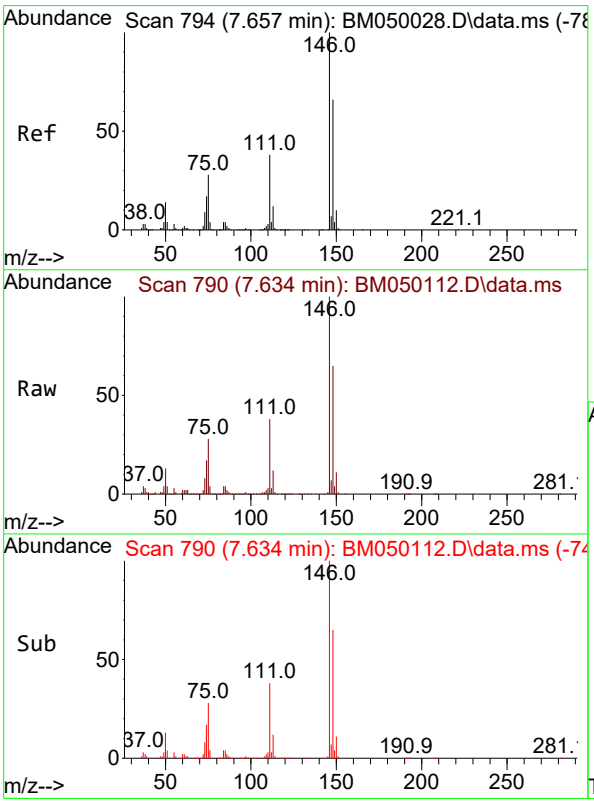
#11
bis(2-Chloroethyl)ether
Concen: 36.837 ng
RT: 7.169 min Scan# 71
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 597261

Ion	Ratio	Lower	Upper
93	100		
63	72.4	52.3	92.3
95	33.1	12.8	52.8

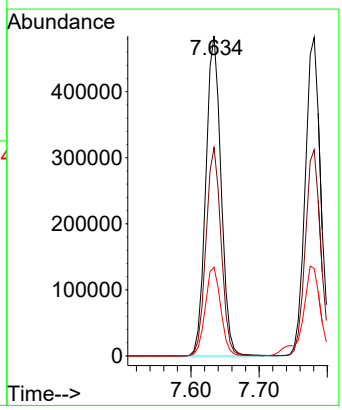


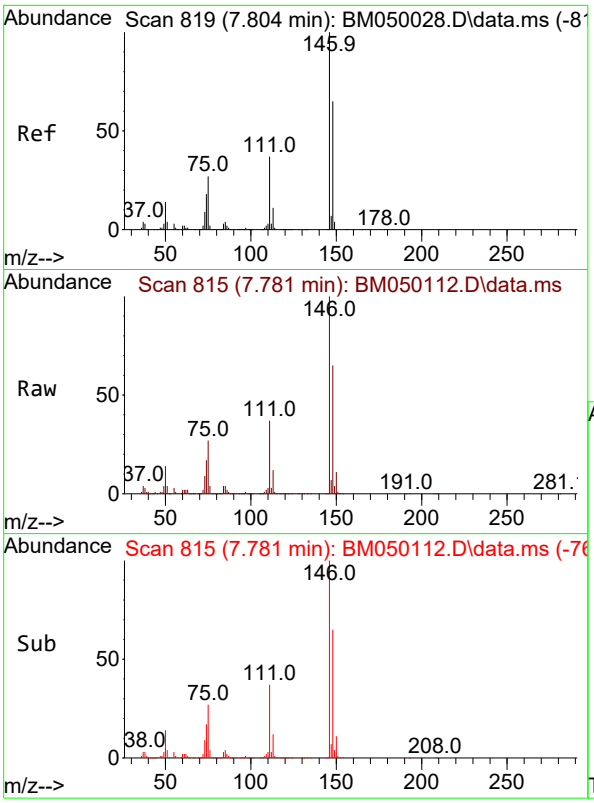


#12
1,3-Dichlorobenzene
Concen: 37.808 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:146 Resp: 753556

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.5	78.7
75	27.7	22.6	34.0



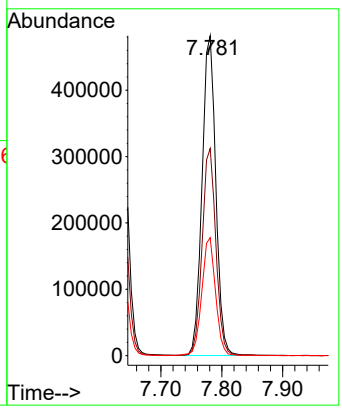


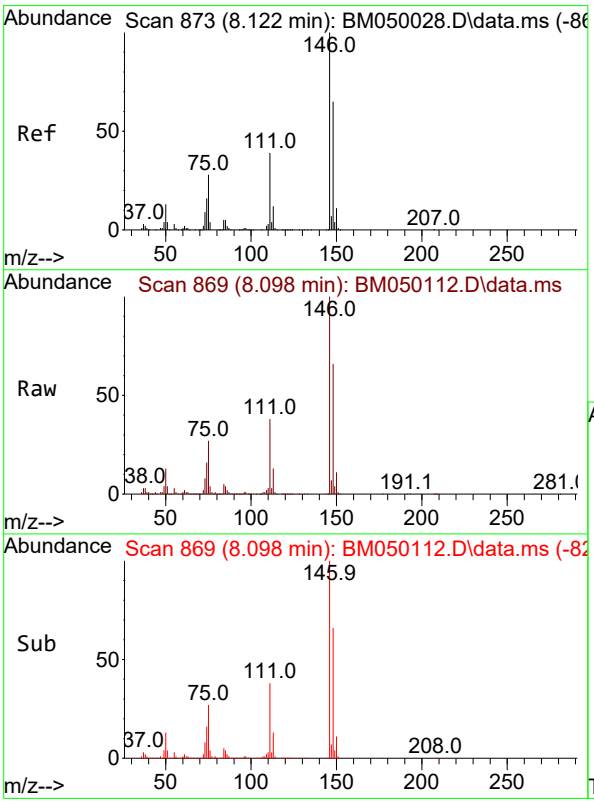
#13
1,4-Dichlorobenzene
Concen: 37.775 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 756388

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	36.9	29.3	43.9

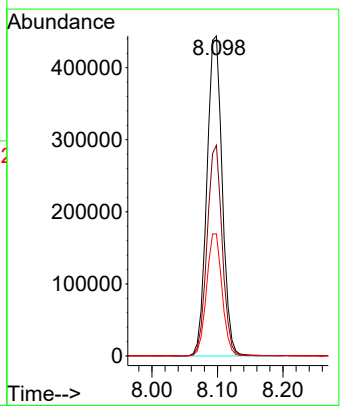


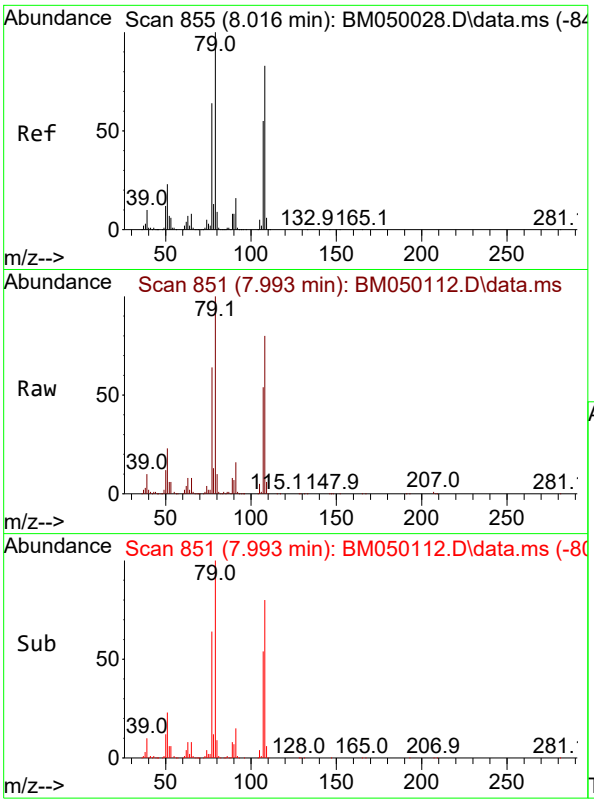


#14
1,2-Dichlorobenzene
Concen: 37.419 ng
RT: 8.098 min Scan# 869
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:146 Resp: 723756

Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.4	78.6
111	38.2	31.0	46.6



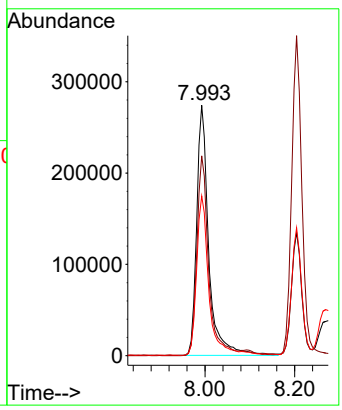


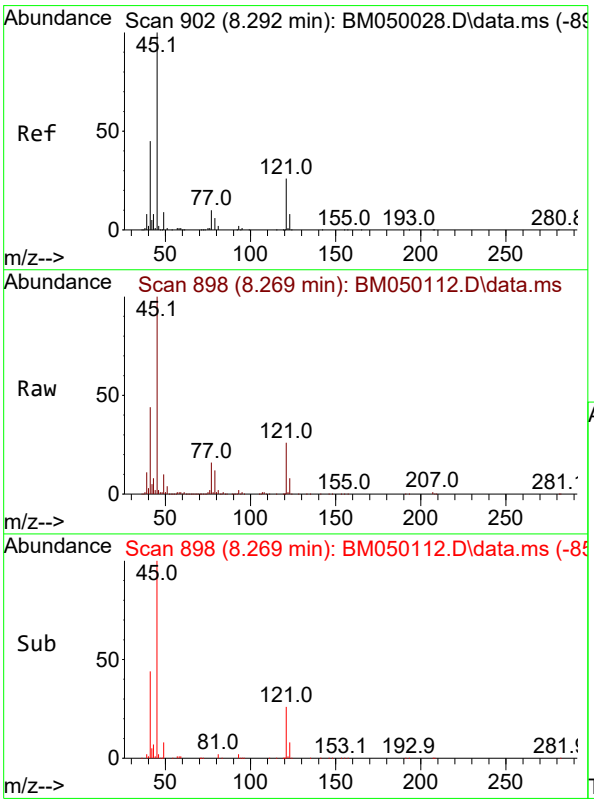
#15
Benzyl Alcohol
Concen: 38.477 ng
RT: 7.993 min Scan# 8
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 511797

Ion	Ratio	Lower	Upper
79	100		
108	79.8	66.0	99.0
77	63.8	51.6	77.4

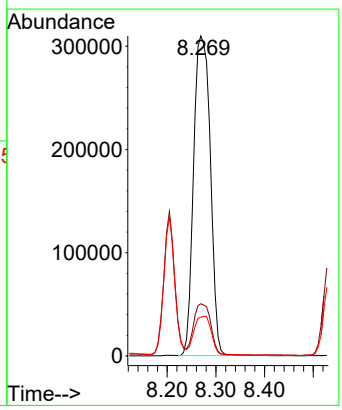


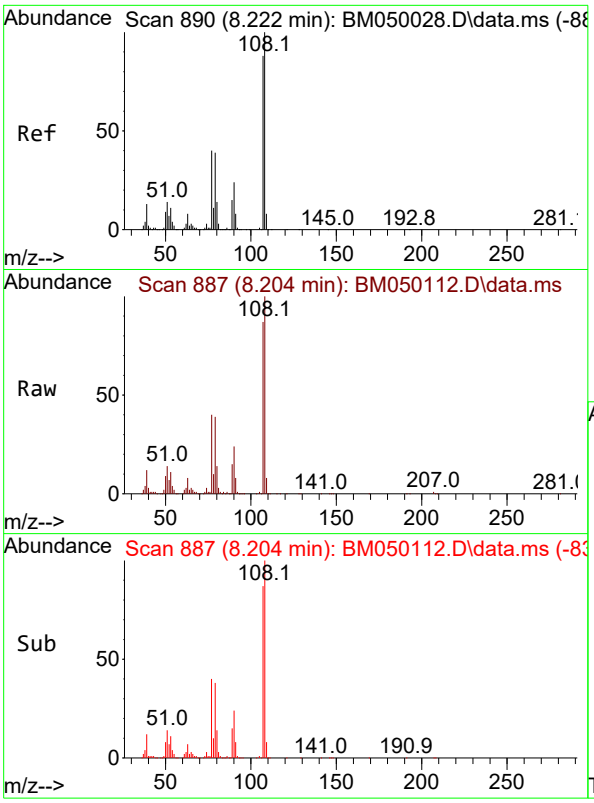


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.588 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion: 45 Resp: 740816

Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	36.4
79	12.1	0.0	32.7



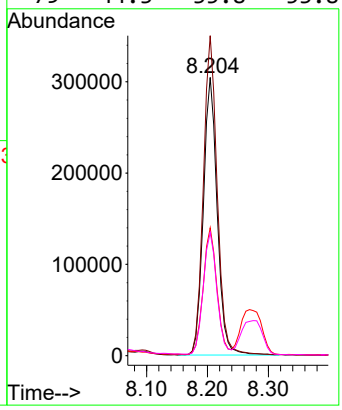


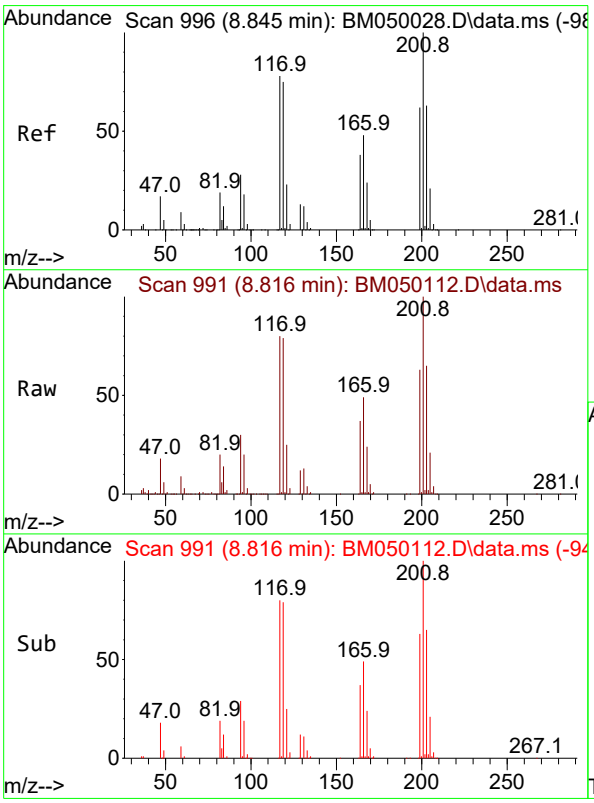
#17
2-Methylphenol
Concen: 37.497 ng
RT: 8.204 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 479642

Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.1	136.7
77	45.9	36.2	54.4
79	44.3	35.8	53.8

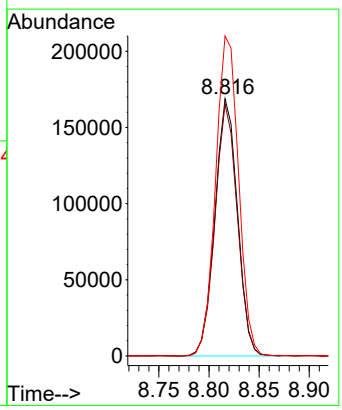


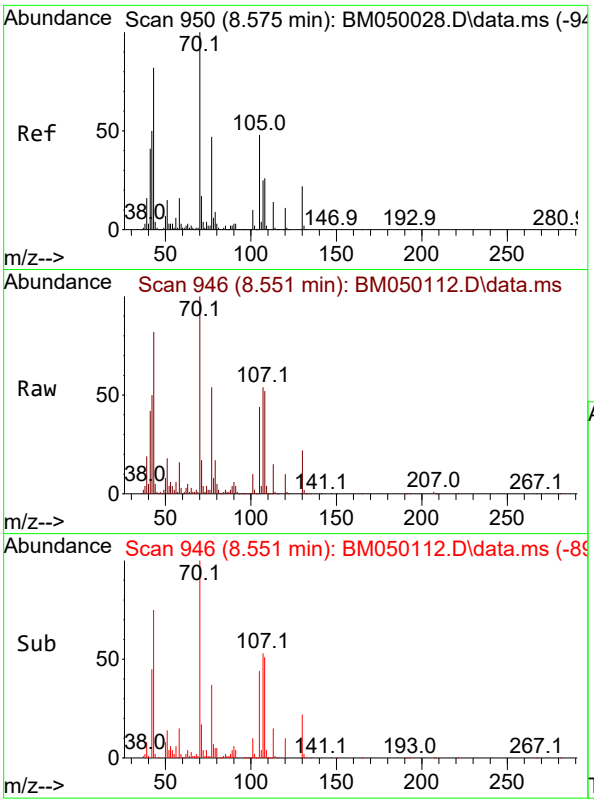


#18
Hexachloroethane
Concen: 37.187 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.029 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:117 Resp: 264695

Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.3	115.9
201	124.5	102.8	154.2



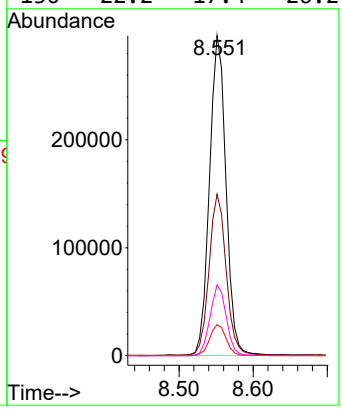


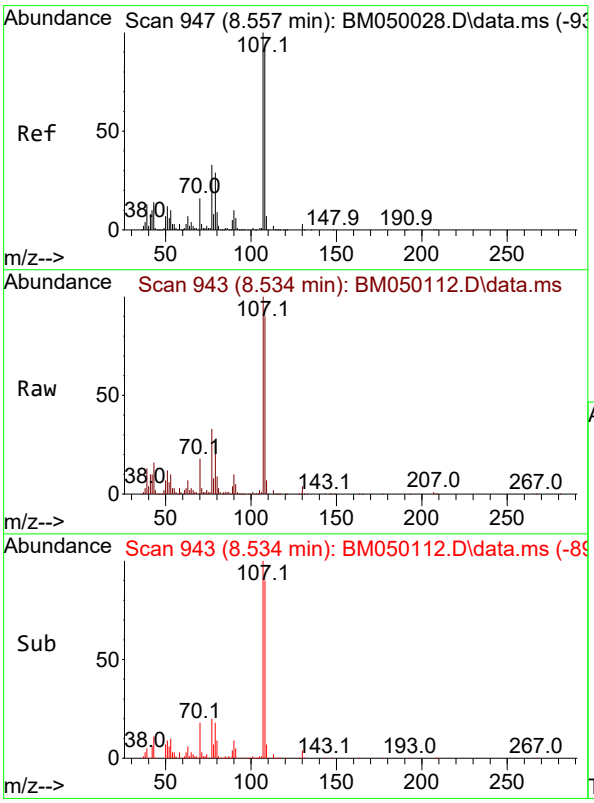
#19
n-Nitroso-di-n-propylamine
Concen: 37.160 ng
RT: 8.551 min Scan# 94
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 457118

Ion	Ratio	Lower	Upper
70	100		
42	50.5	40.5	60.7
101	9.7	7.8	11.6
130	22.2	17.4	26.2

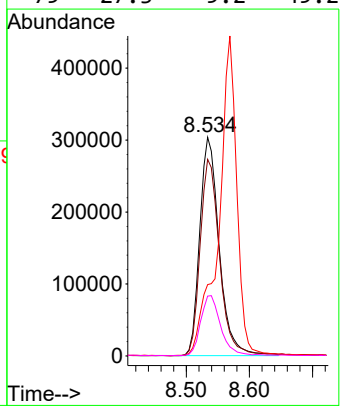


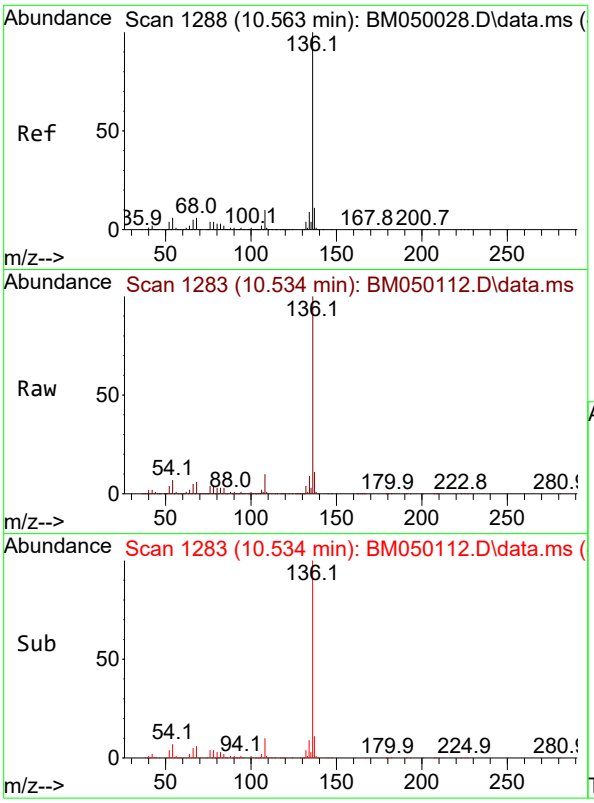


#20
3+4-Methylphenols
Concen: 37.613 ng
RT: 8.534 min Scan# 943
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:107 Resp: 649732

Ion	Ratio	Lower	Upper
107	100		
108	89.9	72.4	112.4
77	32.6	13.6	53.6
79	27.3	9.2	49.2



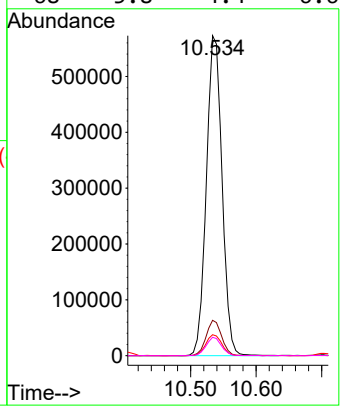


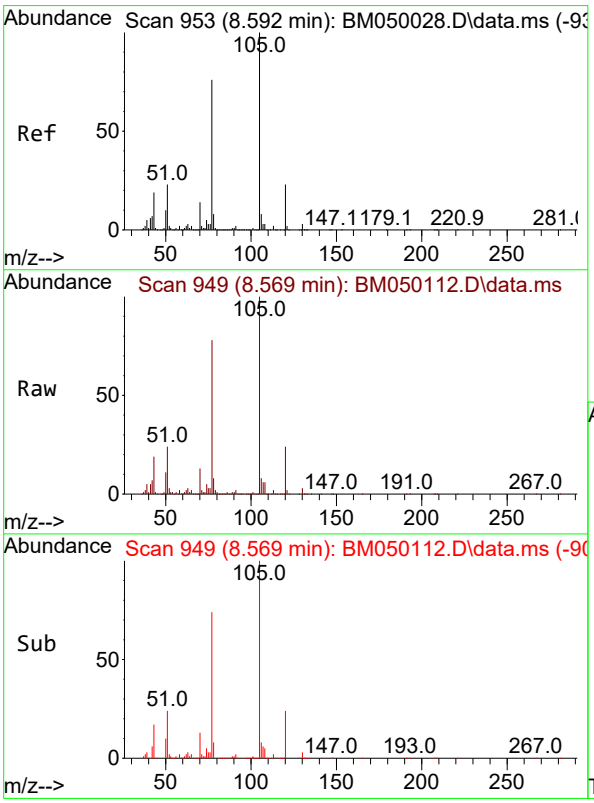
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 954129

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	5.1	7.7
68	5.8	4.4	6.6

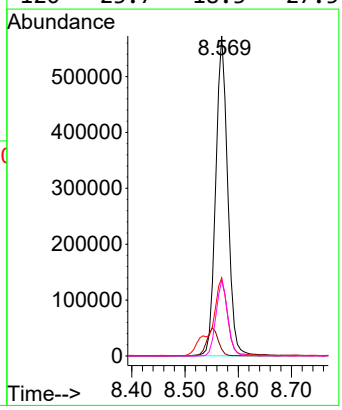


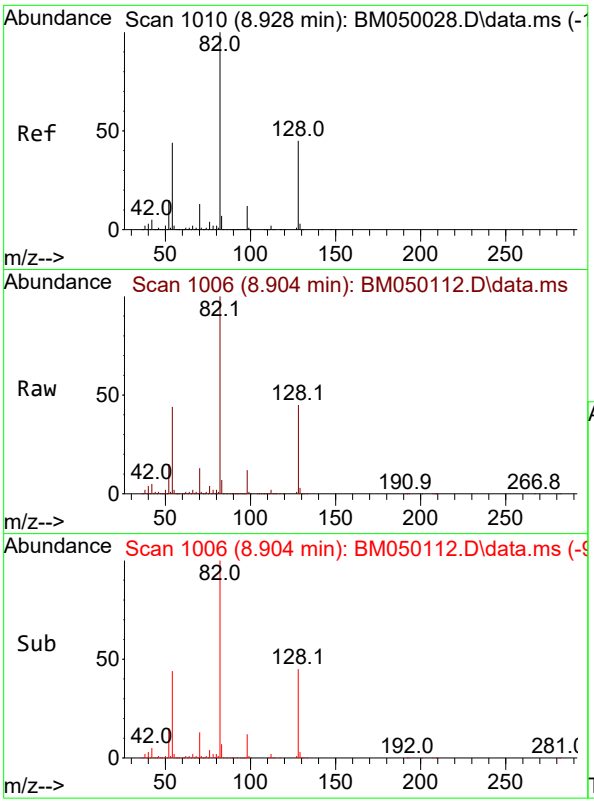


#22
Acetophenone
Concen: 37.799 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:105 Resp: 896647

Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	24.5	18.6	27.8
120	23.7	18.3	27.5



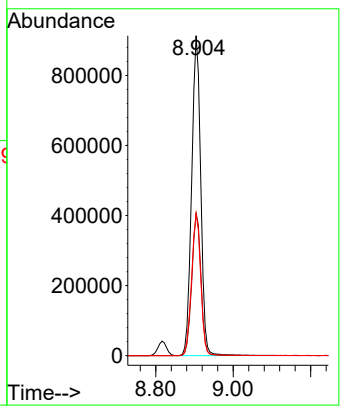


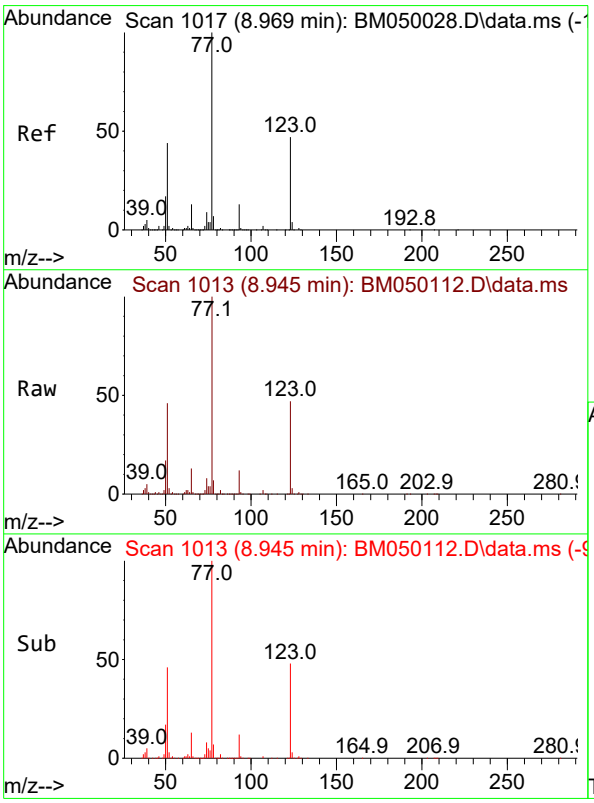
#23
Nitrobenzene-d5
Concen: 76.902 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1489030

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	44.2	35.4	53.2

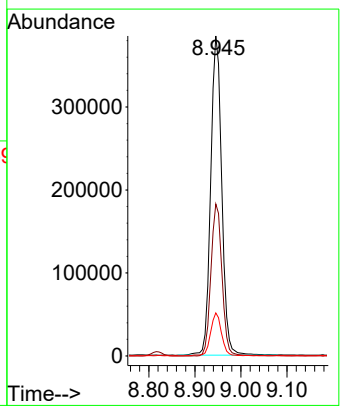


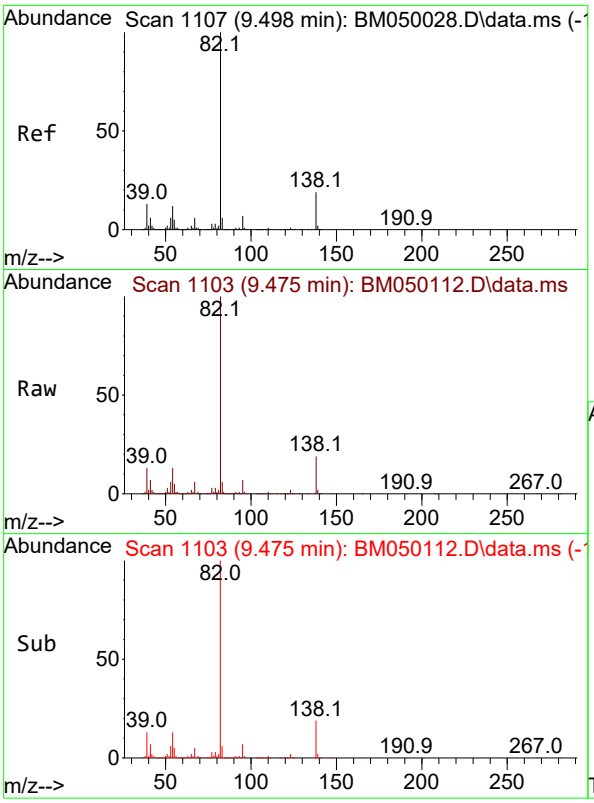


#24
Nitrobenzene
Concen: 38.314 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion: 77 Resp: 641465

Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.9	56.9
65	13.5	10.1	15.1



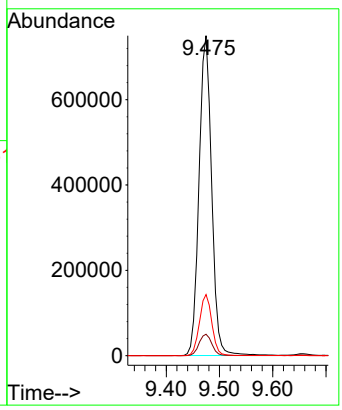


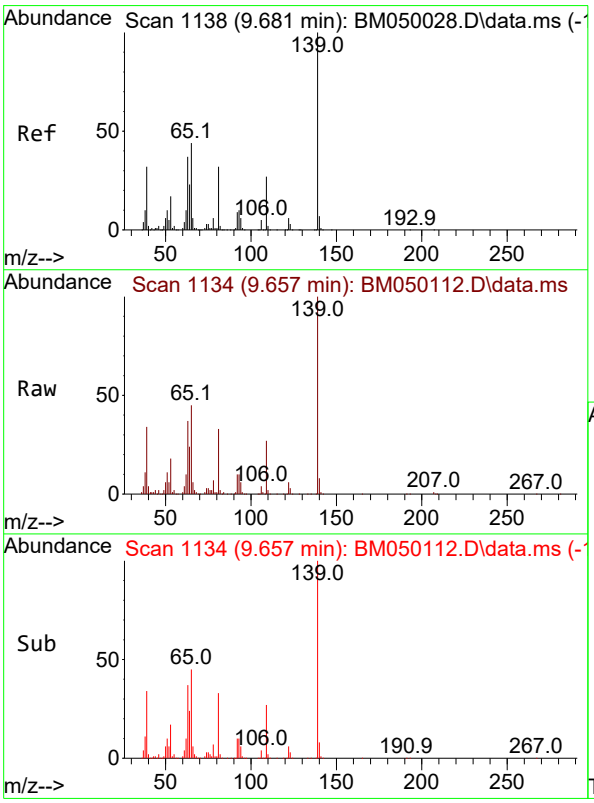
#25
Isophorone
Concen: 37.279 ng
RT: 9.475 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1230438

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	19.1	15.5	23.3

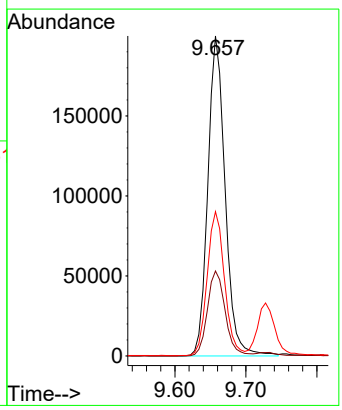


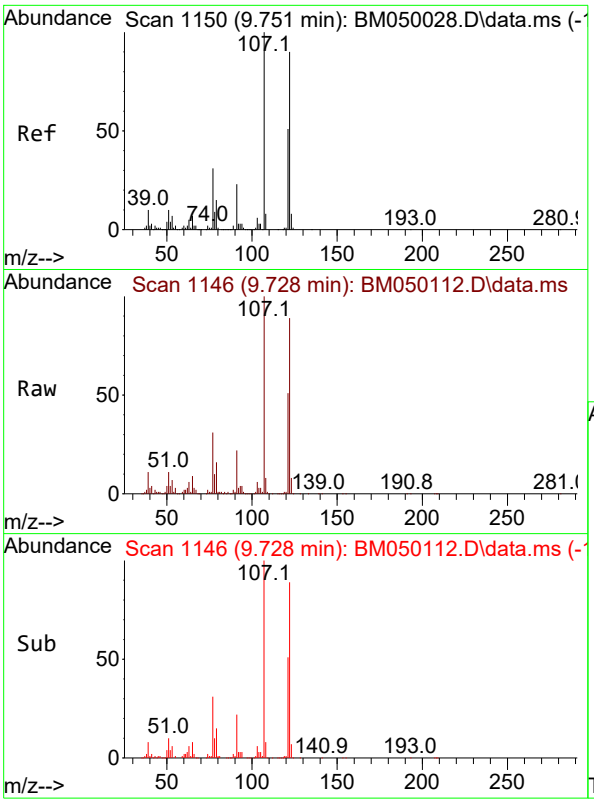


#26
2-Nitrophenol
Concen: 39.544 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:139 Resp: 338225

Ion	Ratio	Lower	Upper
139	100		
109	26.5	21.9	32.9
65	45.1	35.4	53.2



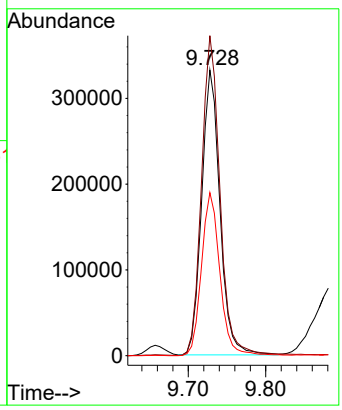


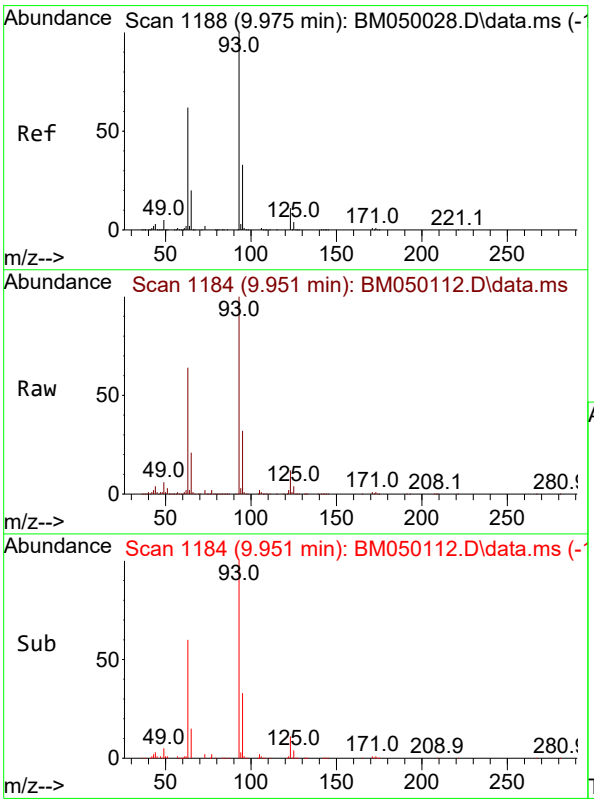
#27
2,4-Dimethylphenol
Concen: 38.439 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 545234

Ion	Ratio	Lower	Upper
122	100		
107	112.1	89.0	133.6
121	57.1	45.6	68.4

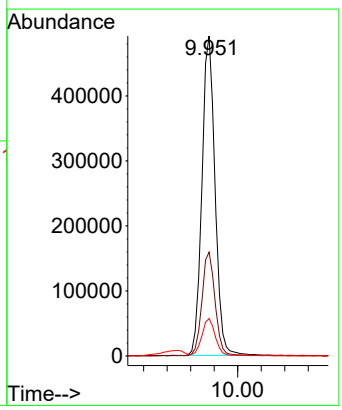


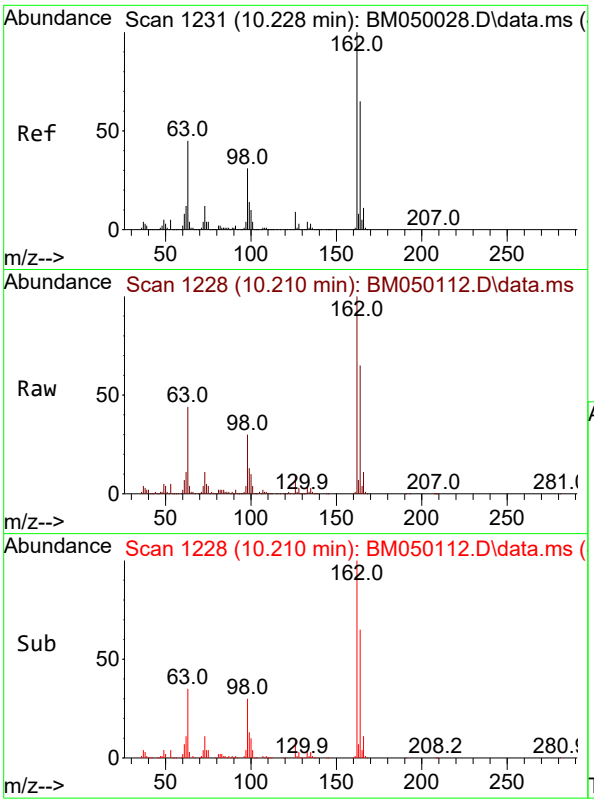


#28
bis(2-Chloroethoxy)methane
Concen: 37.171 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion: 93 Resp: 758290

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.1	39.1
123	11.7	9.5	14.3



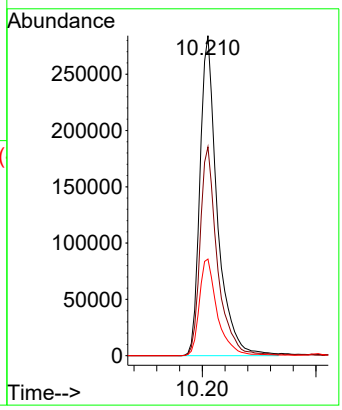


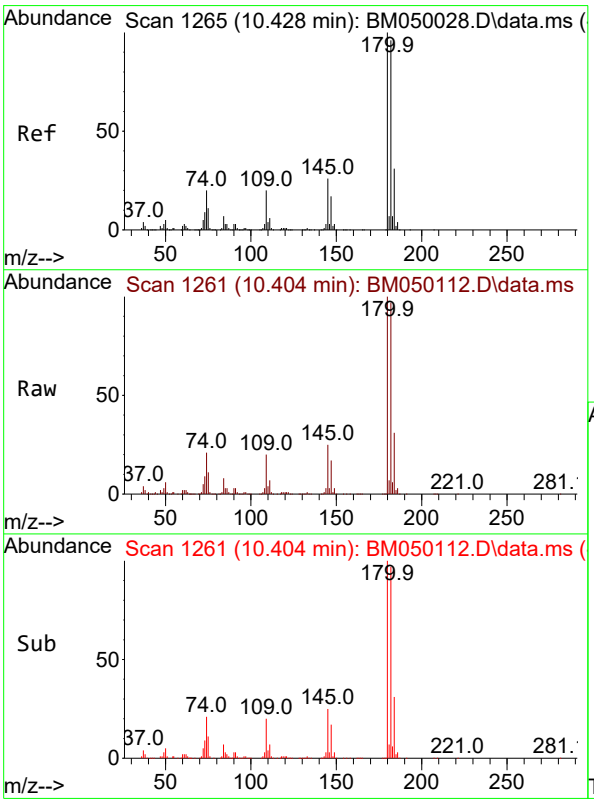
#29
2,4-Dichlorophenol
Concen: 37.987 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 603631

Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.4	85.4
98	30.2	11.3	51.3

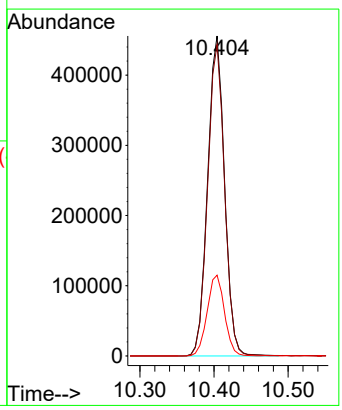


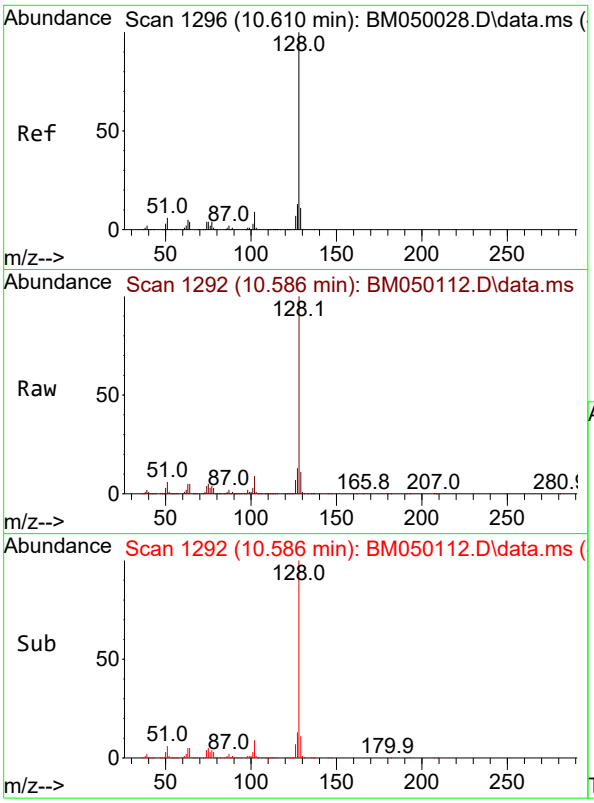


#30
1,2,4-Trichlorobenzene
Concen: 37.380 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:180 Resp: 723685

Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.0	115.4
145	25.3	20.6	30.8



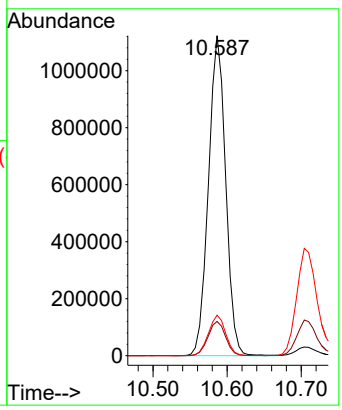


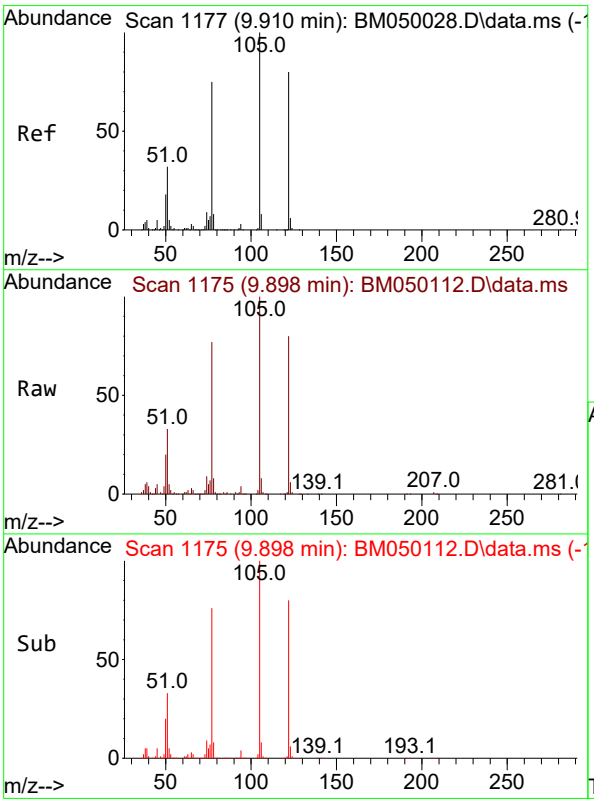
#31
Naphthalene
Concen: 37.383 ng
RT: 10.586 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1806338

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

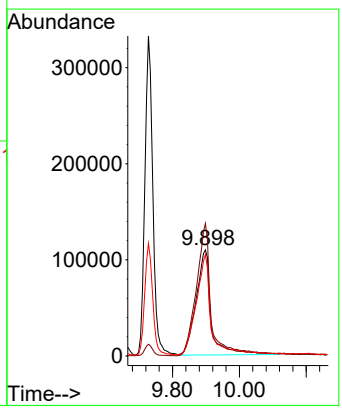


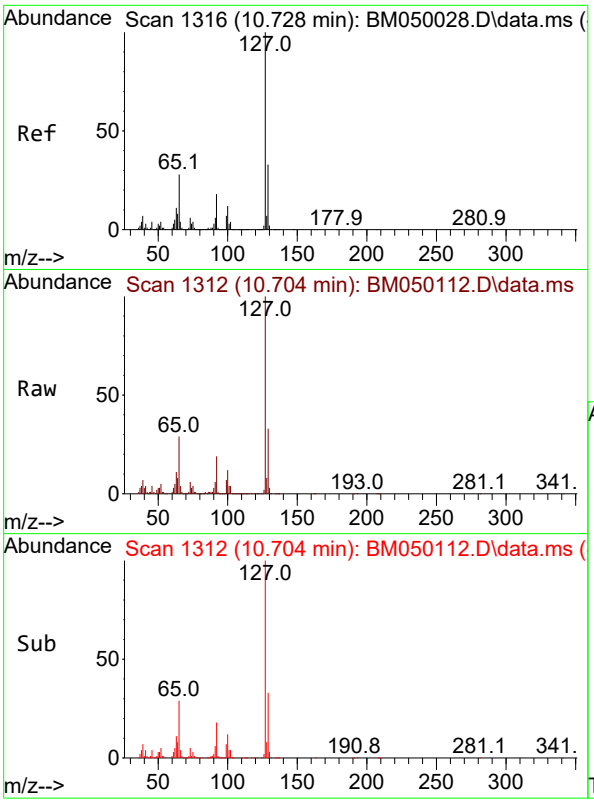


#32
Benzoic acid
Concen: 38.021 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:122 Resp: 344919

Ion	Ratio	Lower	Upper
122	100		
105	124.9	103.6	143.6
77	95.6	73.7	113.7



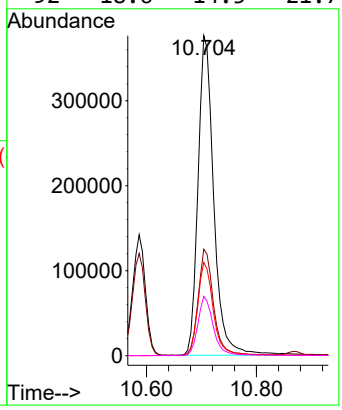


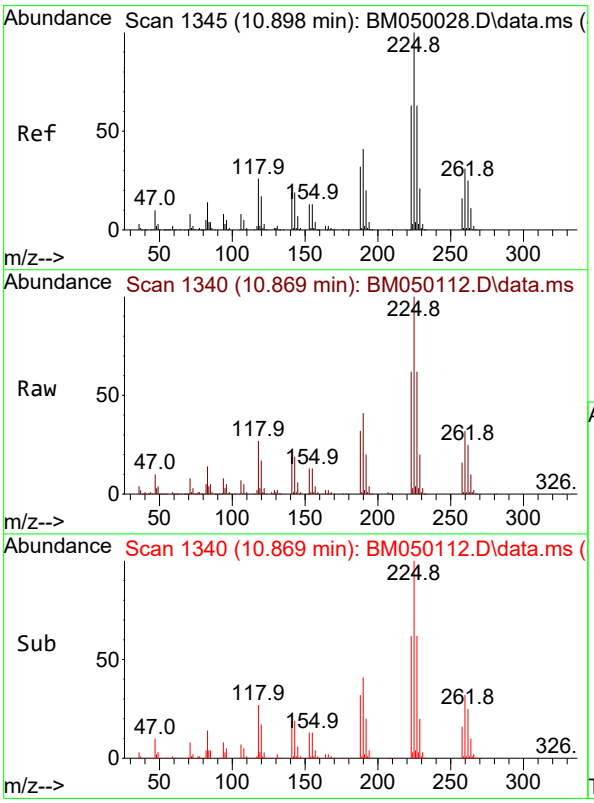
#33
4-Chloroaniline
Concen: 37.770 ng
RT: 10.704 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 748056

Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.3	39.5
65	29.2	22.5	33.7
92	18.6	14.5	21.7

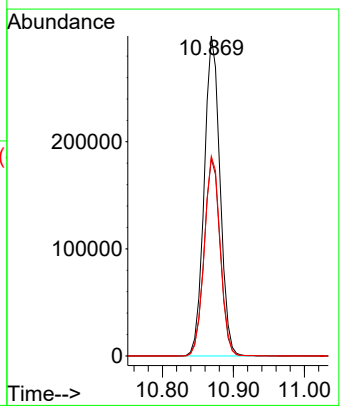


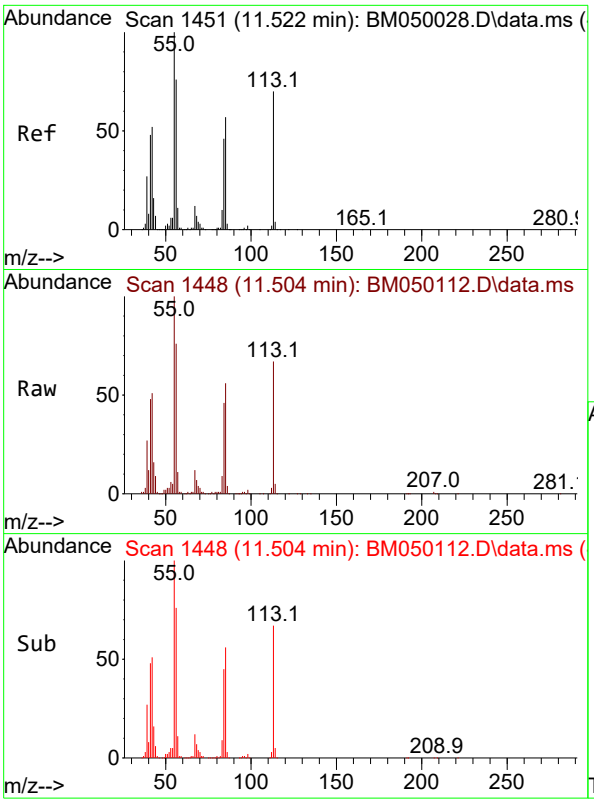


#34
Hexachlorobutadiene
Concen: 37.564 ng
RT: 10.869 min Scan# 1340
Delta R.T. -0.029 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:225 Resp: 461632

Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.2
227	62.5	50.6	76.0



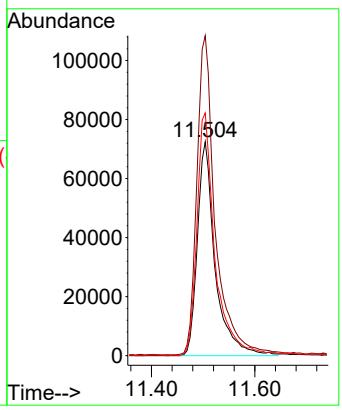


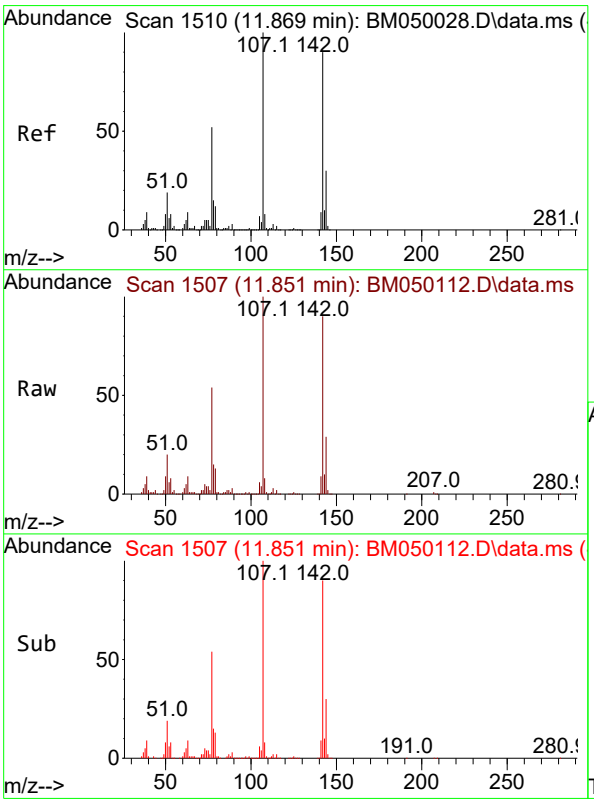
#35
Caprolactam
Concen: 37.373 ng
RT: 11.504 min Scan# 14
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 173157

Ion	Ratio	Lower	Upper
113	100		
55	149.6	122.9	162.9
56	113.5	88.1	128.1

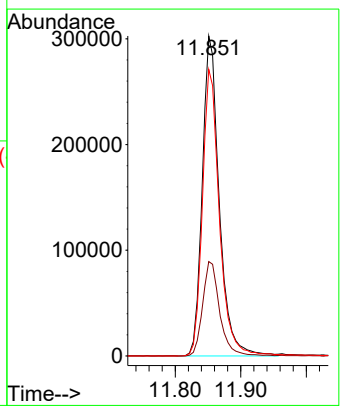


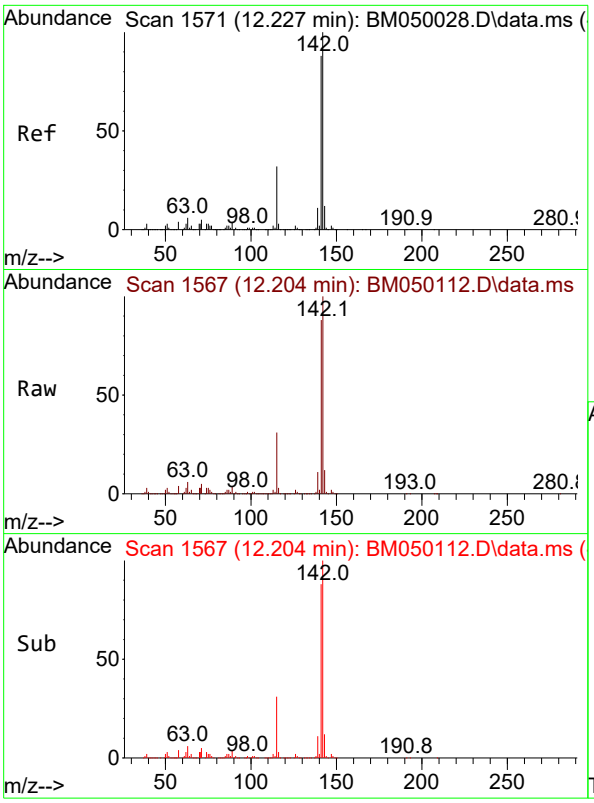


#36
4-Chloro-3-methylphenol
Concen: 37.137 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:107 Resp: 545209

Ion	Ratio	Lower	Upper
107	100		
144	29.5	23.8	35.6
142	89.6	71.9	107.9



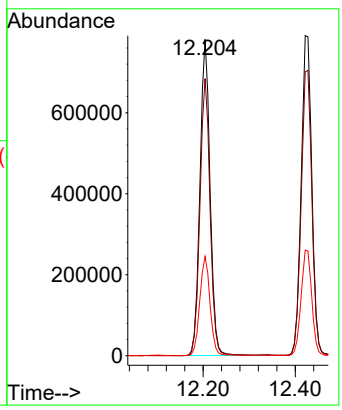


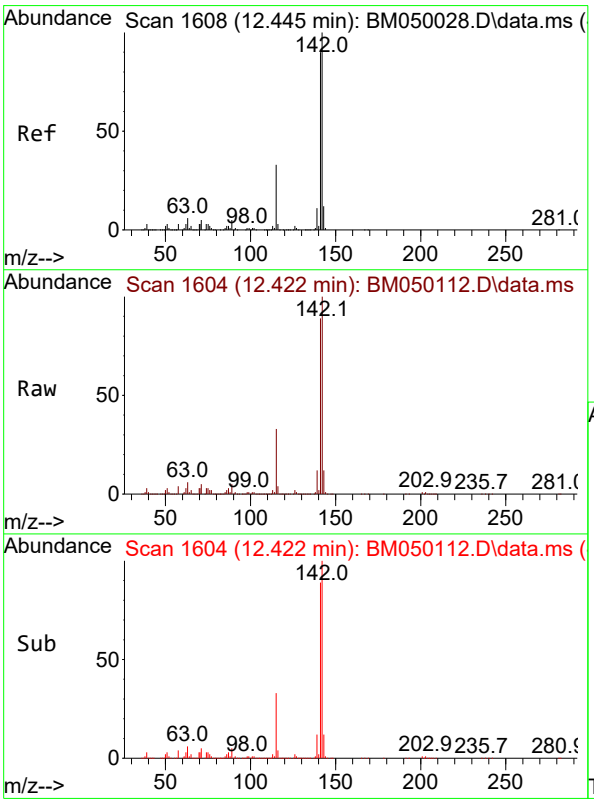
#37
2-Methylnaphthalene
Concen: 37.041 ng
RT: 12.204 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1199979

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	31.4	25.4	38.2

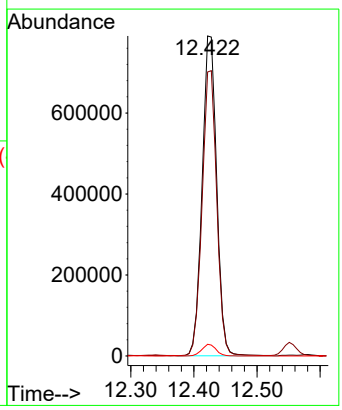


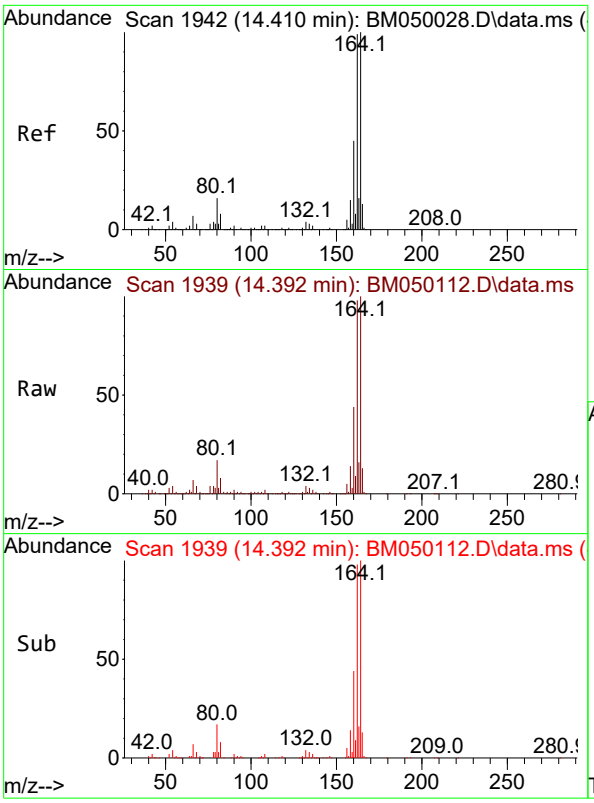


#38
1-Methylnaphthalene
Concen: 36.844 ng
RT: 12.422 min Scan# 1604
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:142 Resp: 1263138

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.1	108.1
116	3.7	2.7	4.1



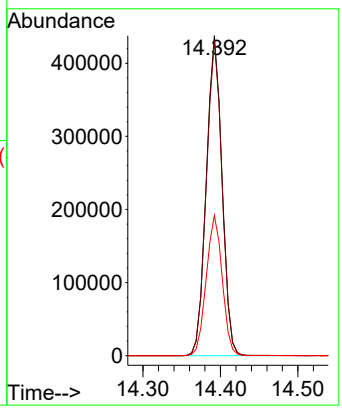


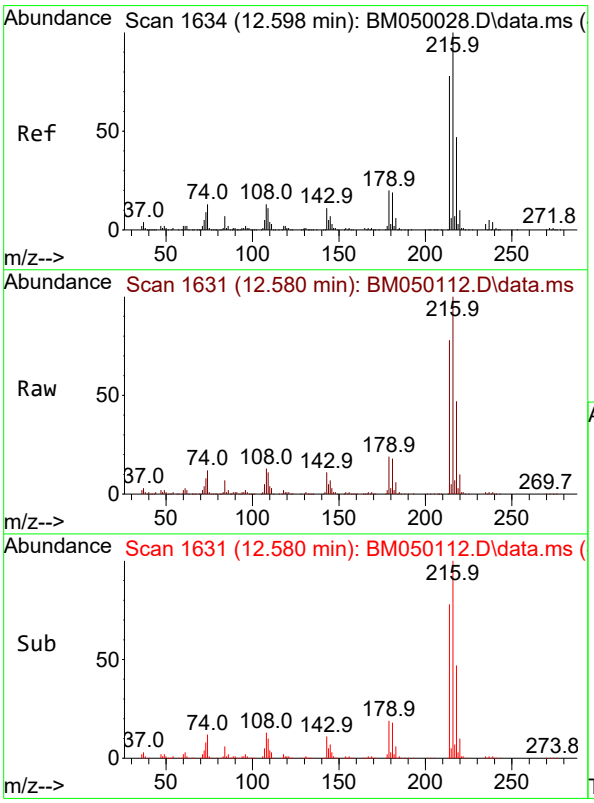
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 616483

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.4	119.0
160	43.8	36.2	54.4

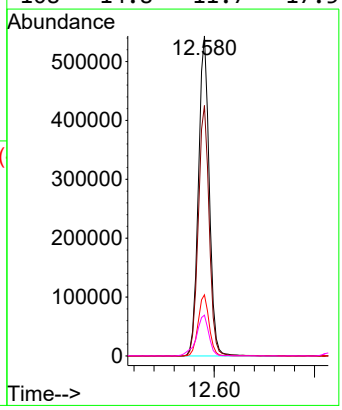


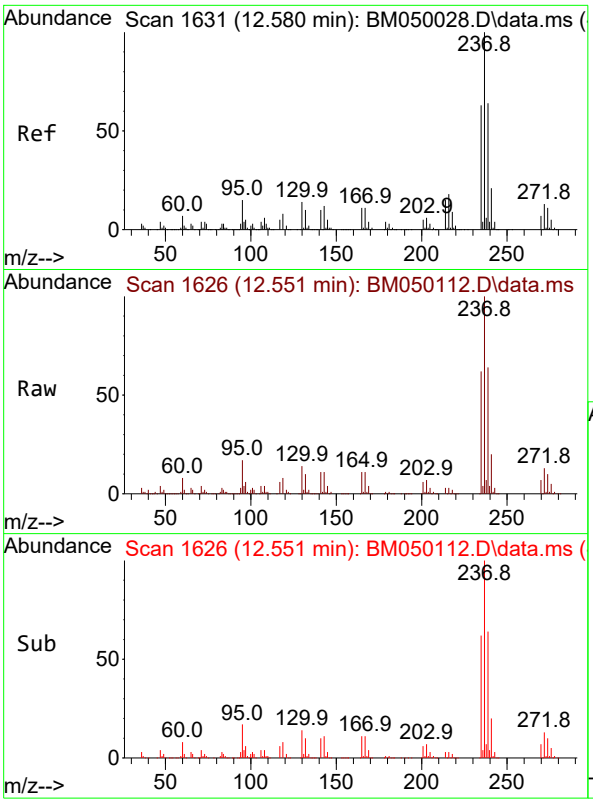


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.108 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:216 Resp: 813267

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.3	93.5
179	19.4	15.4	23.0
108	14.8	11.7	17.5



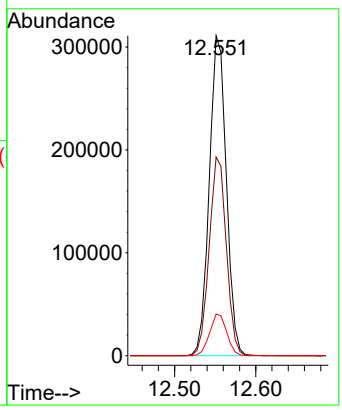


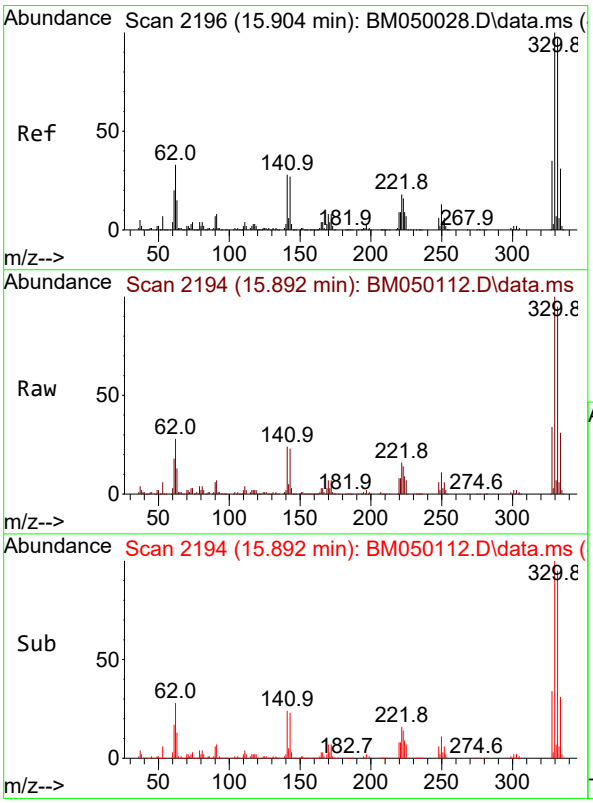
#41
Hexachlorocyclopentadiene
Concen: 34.733 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 452979

Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.9	82.9
272	13.1	0.0	32.9

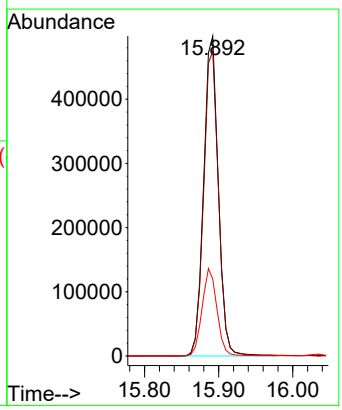


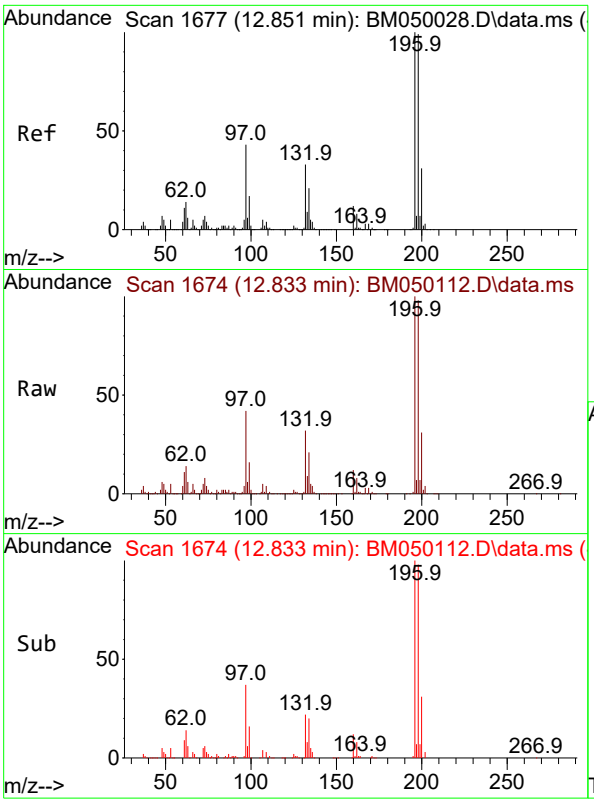


#42
2,4,6-Tribromophenol
Concen: 75.287 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:330 Resp: 686279

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	27.6	22.5	33.7



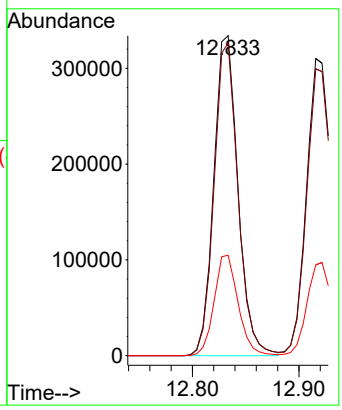


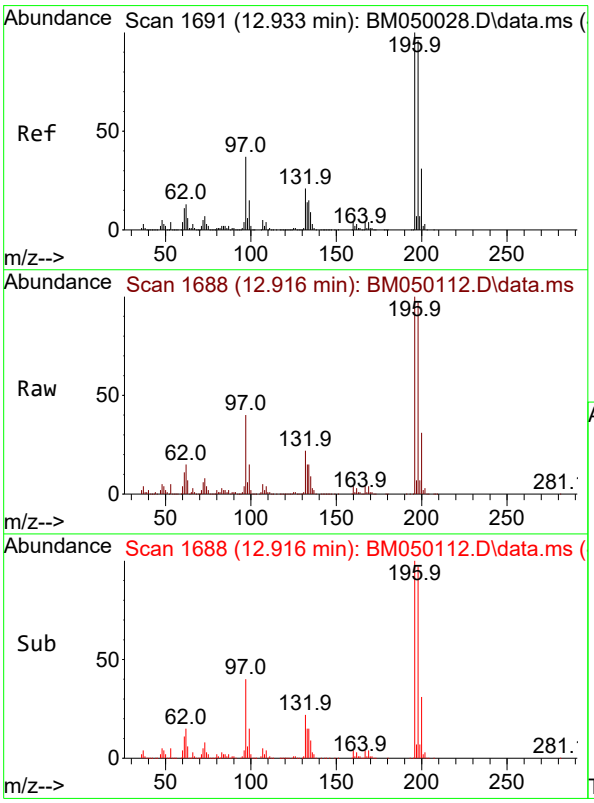
#43
2,4,6-Trichlorophenol
Concen: 38.974 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 527545

Ion	Ratio	Lower	Upper
196	100		
198	97.8	79.0	118.6
200	31.4	25.1	37.7

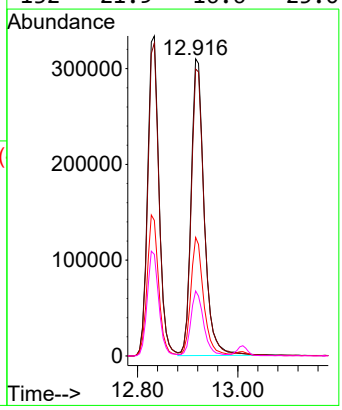


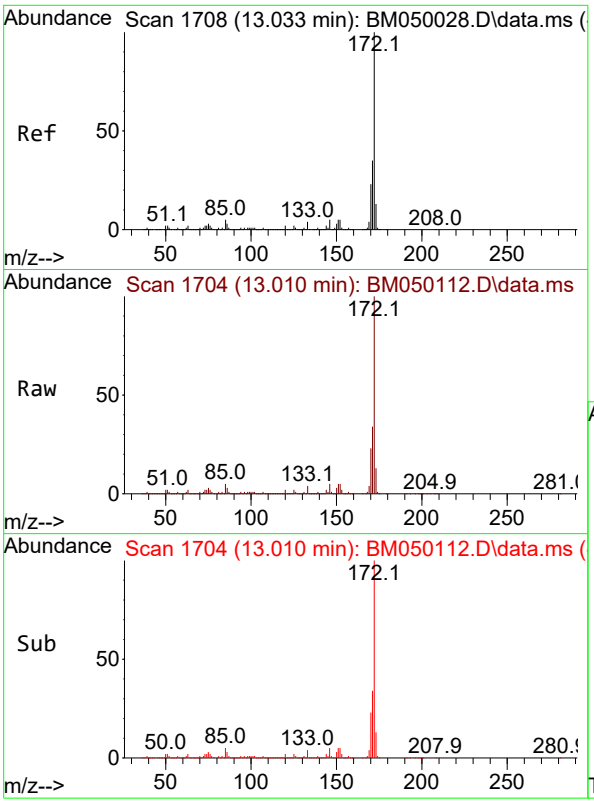


#44
2,4,5-Trichlorophenol
Concen: 38.440 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:196 Resp: 561088

Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.7	115.1
97	39.9	30.1	45.1
132	21.9	16.6	25.0



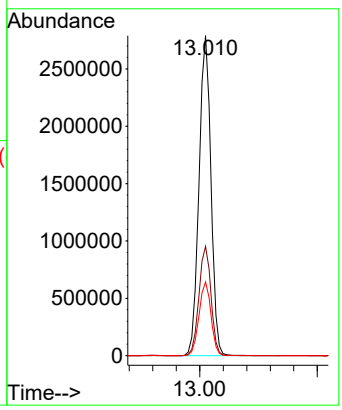


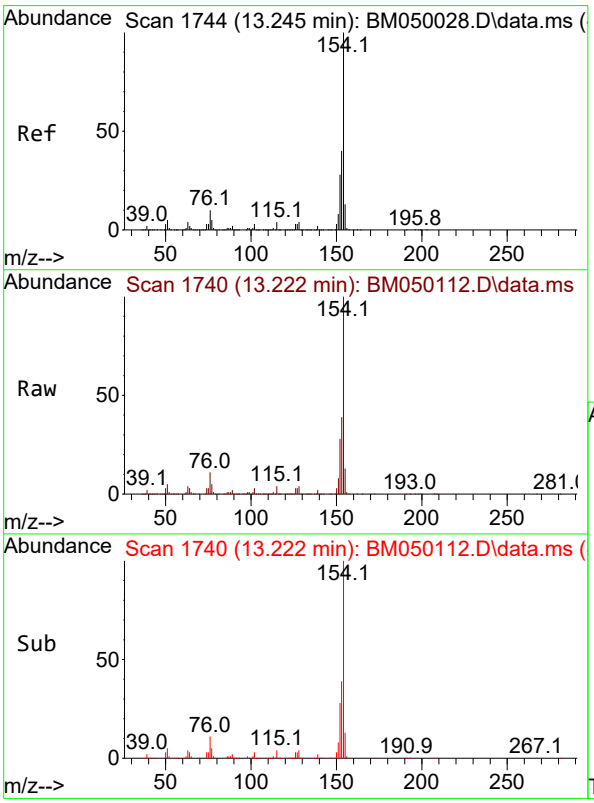
#45
2-Fluorobiphenyl
Concen: 75.257 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 3921809

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.6
170	23.0	18.6	28.0

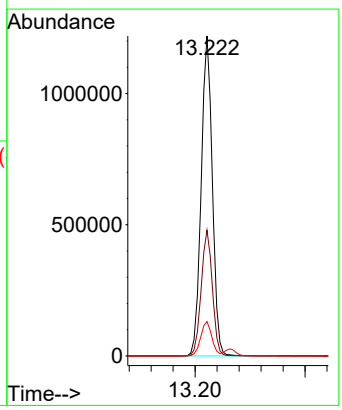


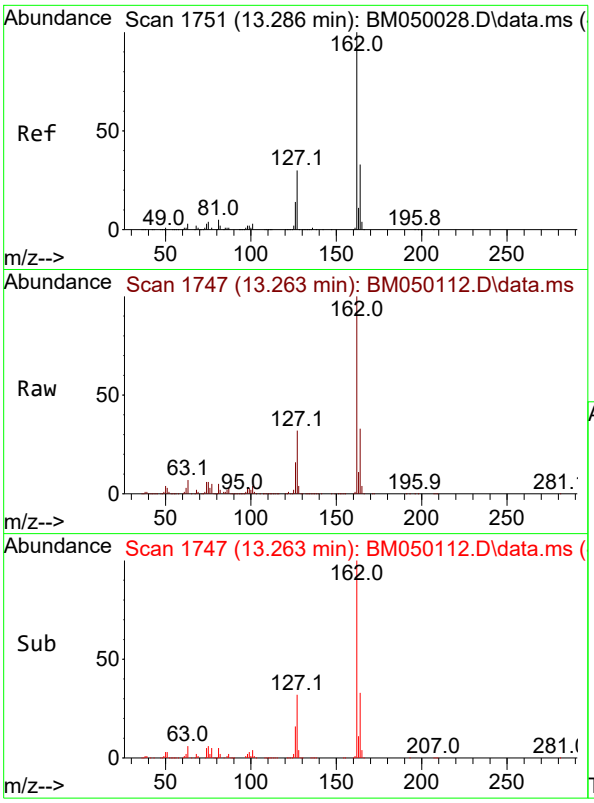


#46
1,1'-Biphenyl
Concen: 37.483 ng
RT: 13.222 min Scan# 1740
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:154 Resp: 1717706

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.0	60.0
76	10.8	0.0	30.3



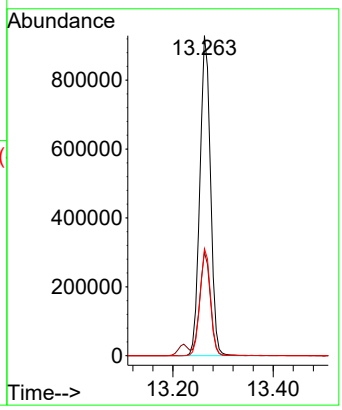


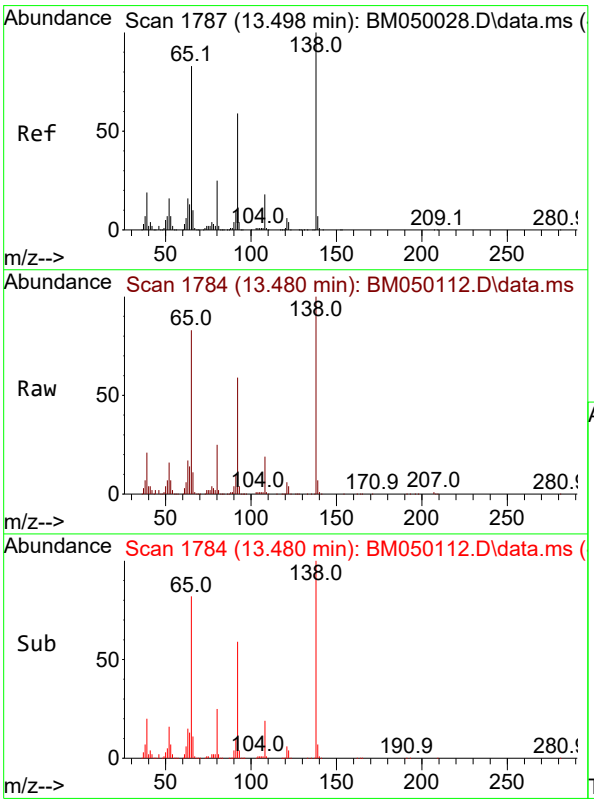
#47
2-Chloronaphthalene
Concen: 37.657 ng
RT: 13.263 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1366748

Ion	Ratio	Lower	Upper
162	100		
127	32.3	25.9	38.9
164	33.5	26.6	40.0

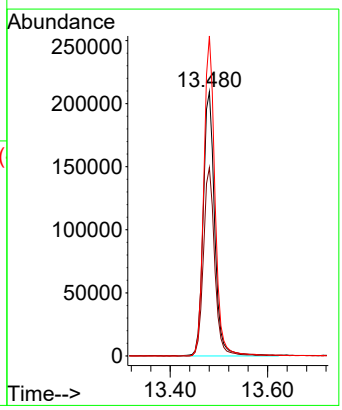


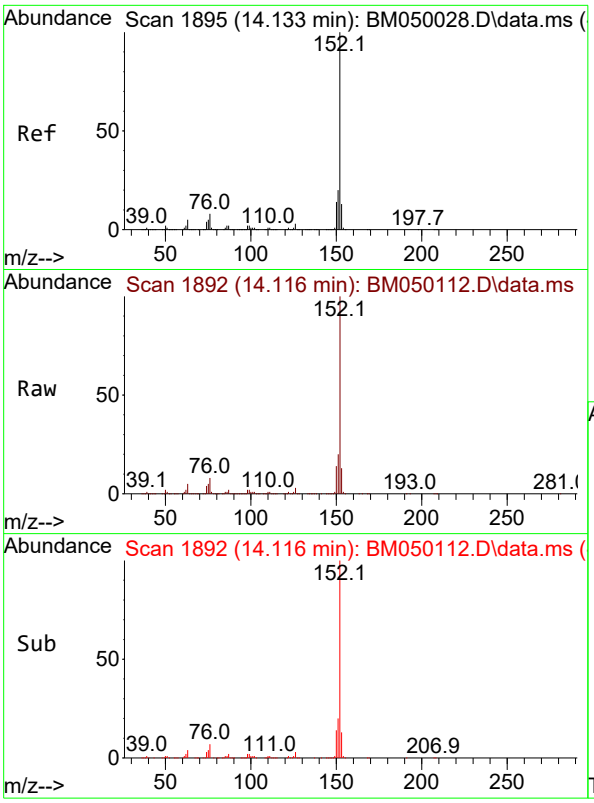


#48
2-Nitroaniline
Concen: 40.087 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion: 65 Resp: 341471

Ion	Ratio	Lower	Upper
65	100		
92	71.3	57.1	85.7
138	121.2	97.0	145.4



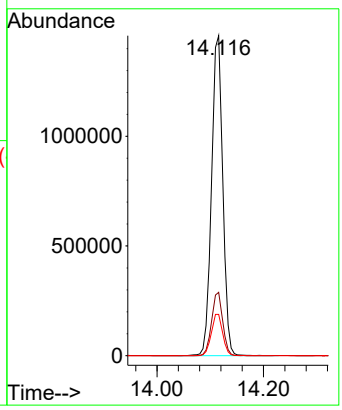


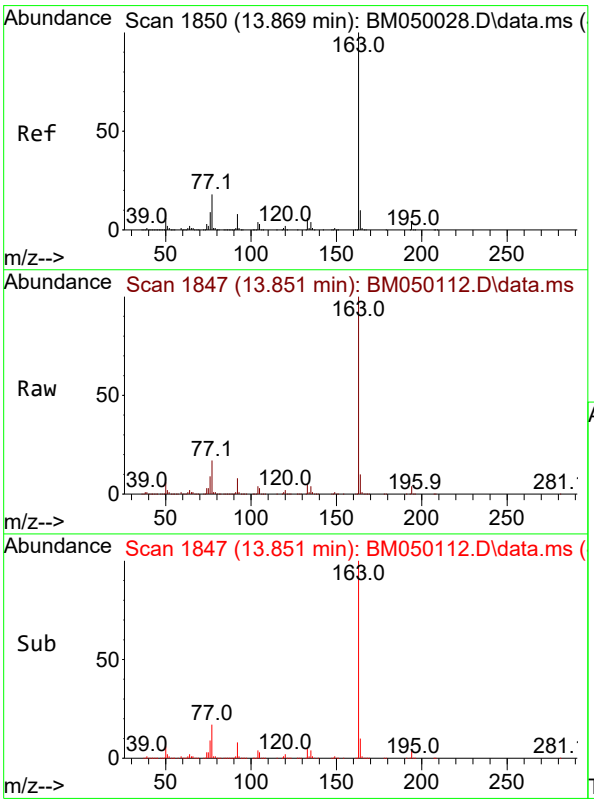
#49
Acenaphthylene
Concen: 37.291 ng
RT: 14.116 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2133974

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.9	10.6	15.8

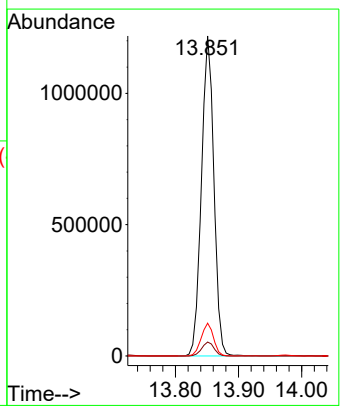


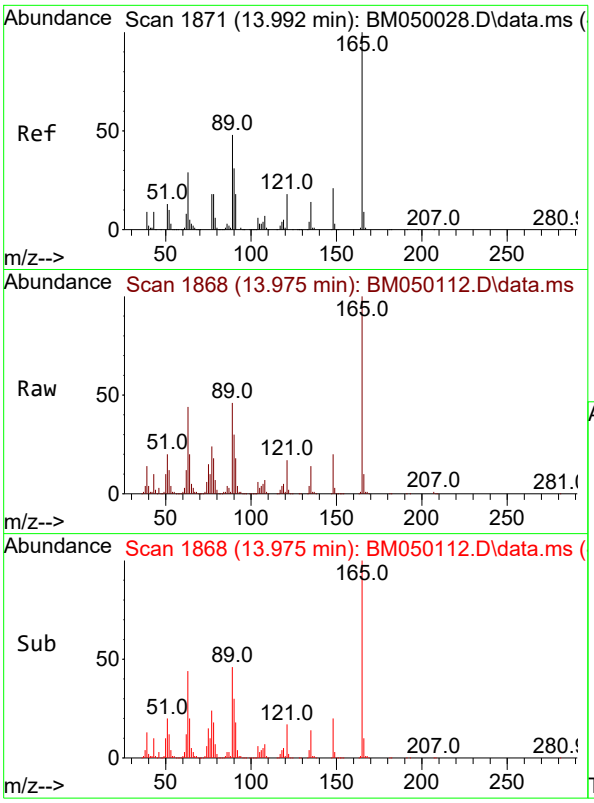


#50
Dimethylphthalate
Concen: 37.115 ng
RT: 13.851 min Scan# 1847
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:163 Resp: 1672159

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	8.2	12.2



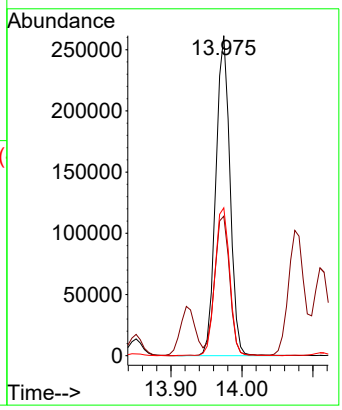


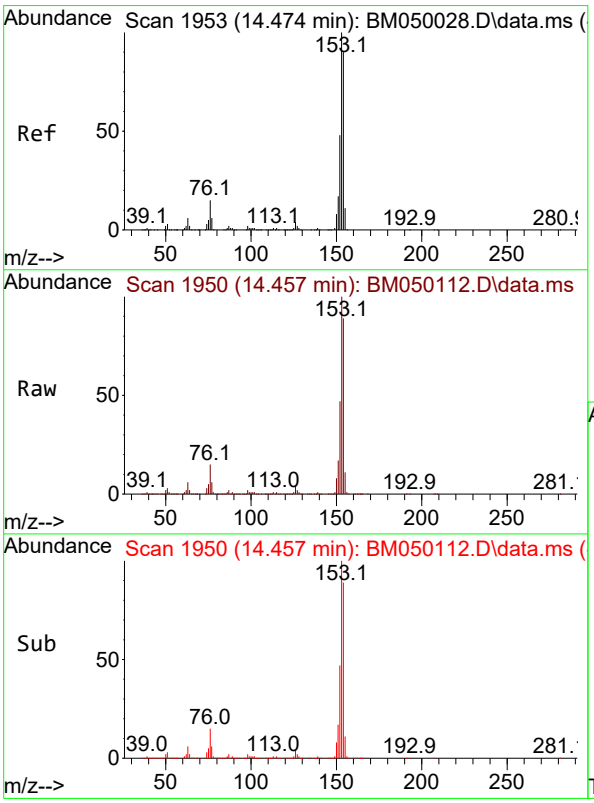
#51
2,6-Dinitrotoluene
Concen: 38.633 ng
RT: 13.975 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 360366

Ion	Ratio	Lower	Upper
165	100		
63	43.6	35.1	52.7
89	46.2	38.4	57.6

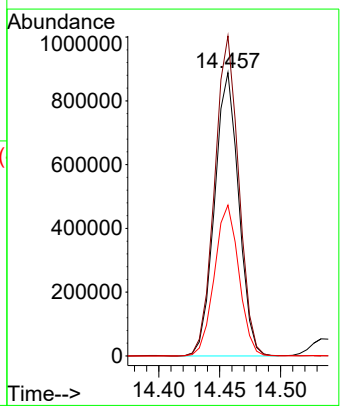


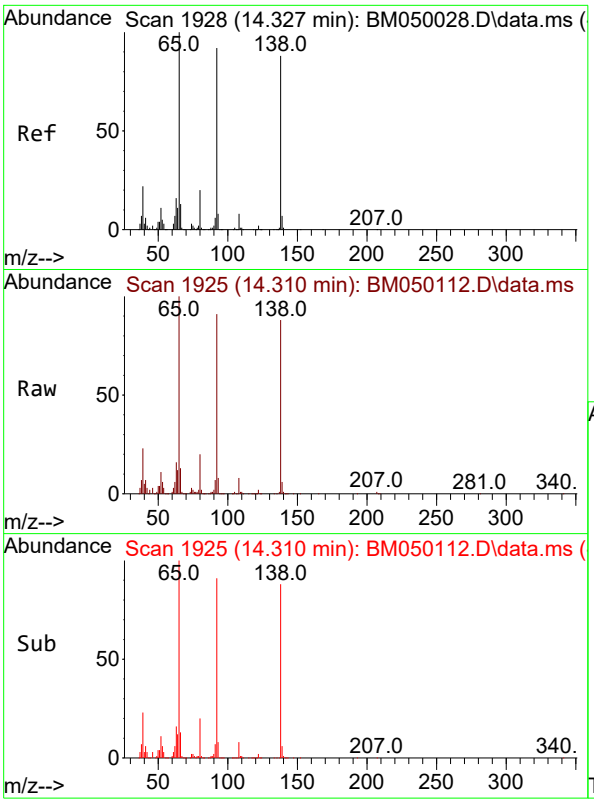


#52
Acenaphthene
Concen: 36.990 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:154 Resp: 1225254

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.0	133.4
152	53.3	43.0	64.6



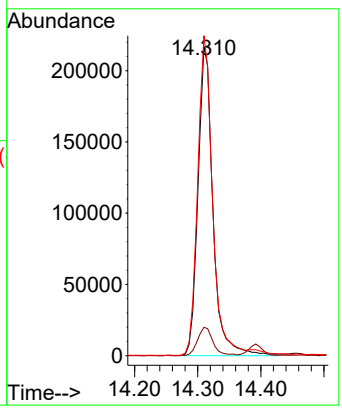


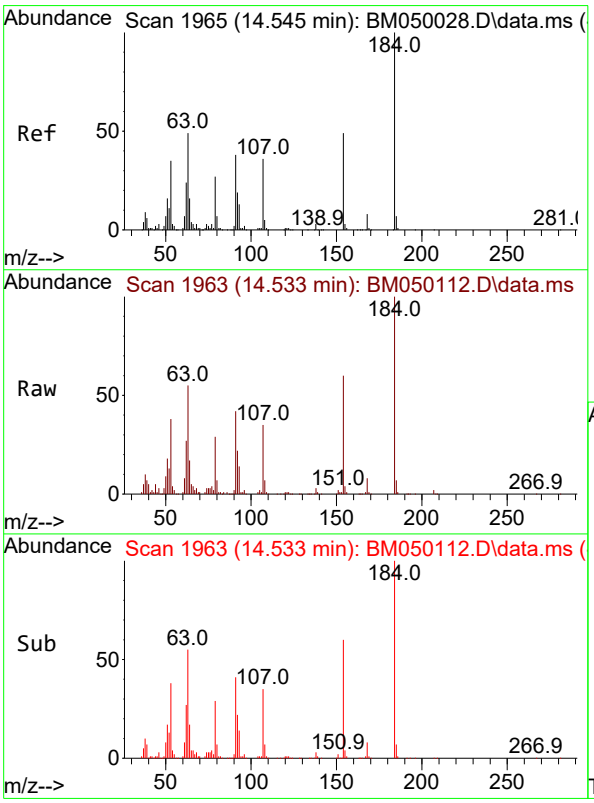
#53
3-Nitroaniline
Concen: 40.100 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 357117

Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.4	11.2
92	103.6	84.0	126.0

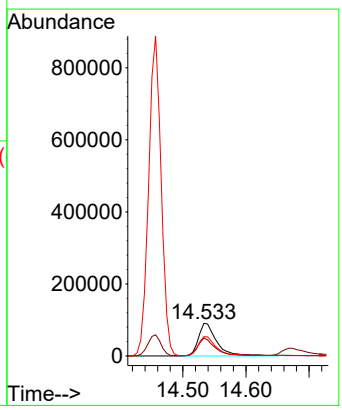


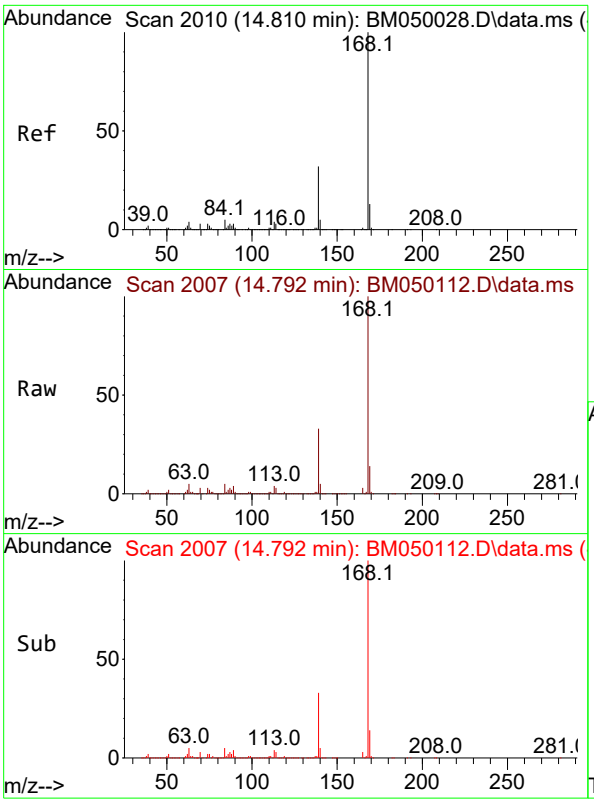


#54
2,4-Dinitrophenol
Concen: 34.233 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:184 Resp: 183229

Ion	Ratio	Lower	Upper
184	100		
63	55.5	39.8	59.6
154	59.5	46.1	69.1



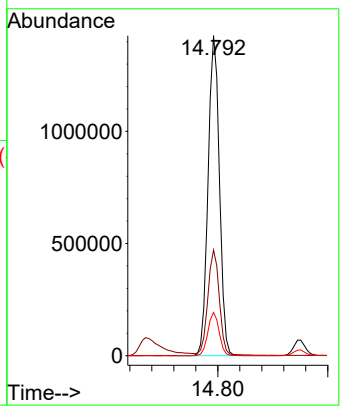


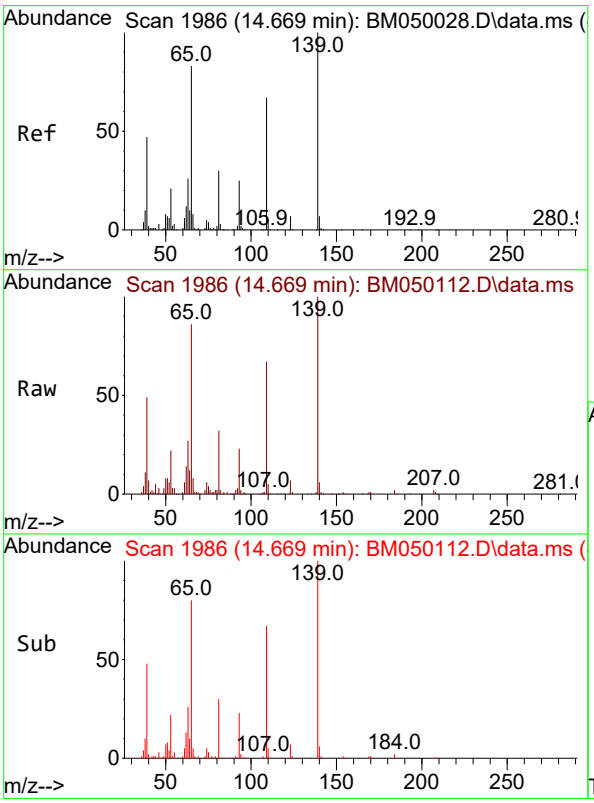
#55
Dibenzofuran
Concen: 37.060 ng
RT: 14.792 min Scan# 2(
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2042426

Ion	Ratio	Lower	Upper
168	100		
139	33.0	26.1	39.1
169	13.5	10.8	16.2

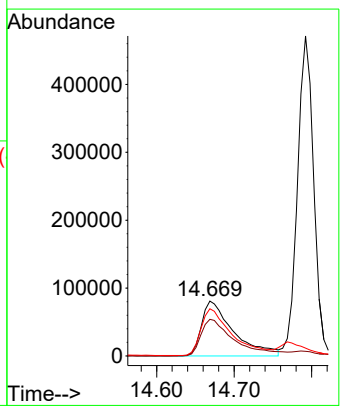


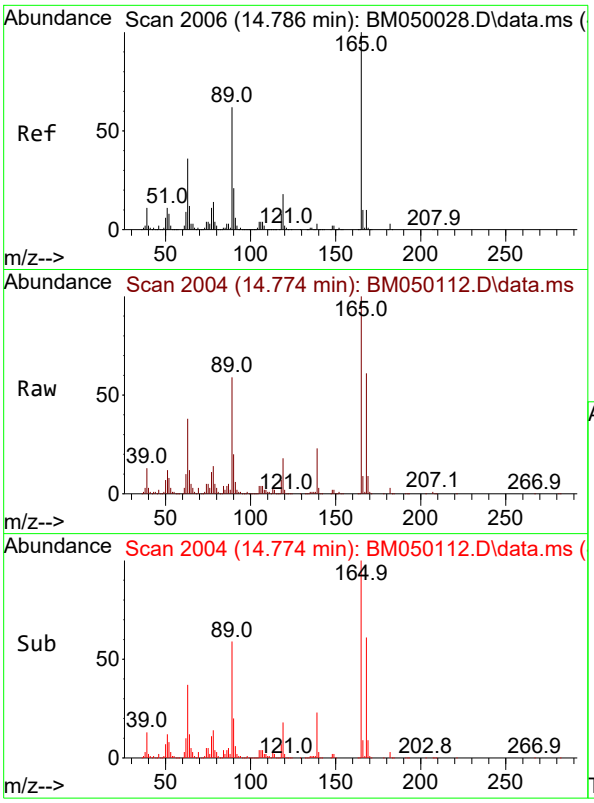


#56
4-Nitrophenol
Concen: 34.581 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:139 Resp: 230774

Ion	Ratio	Lower	Upper
139	100		
109	66.9	47.0	87.0
65	86.1	64.3	104.3



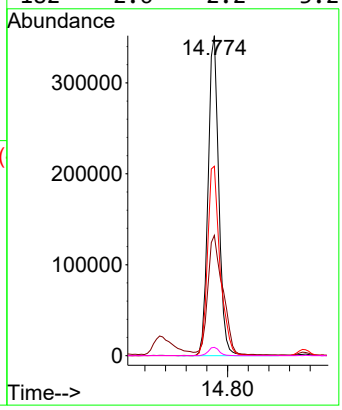


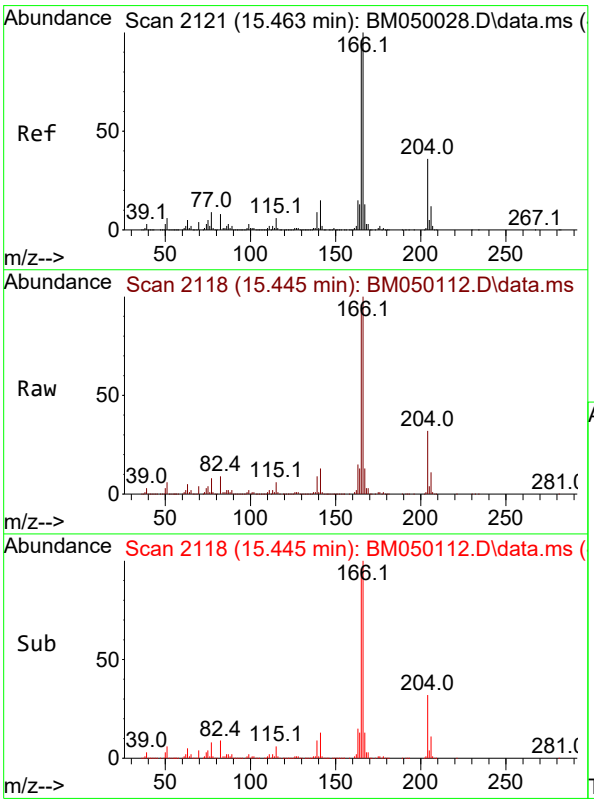
#57
2,4-Dinitrotoluene
Concen: 39.183 ng
RT: 14.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 505052

Ion	Ratio	Lower	Upper
165	100		
63	37.6	29.0	43.6
89	59.2	49.4	74.2
182	2.6	2.2	3.2

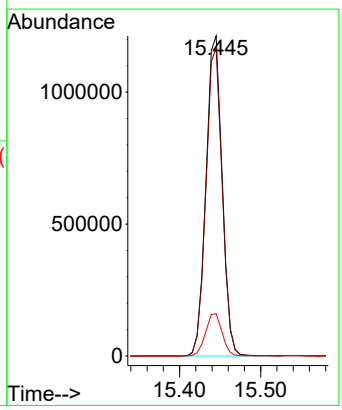


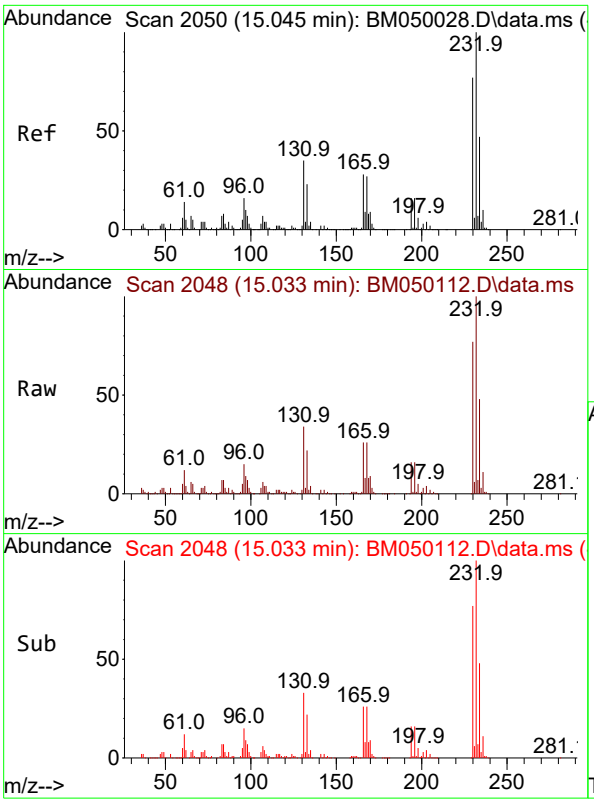


#58
Fluorene
Concen: 37.210 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:166 Resp: 1678531

Ion	Ratio	Lower	Upper
166	100		
165	96.3	76.6	115.0
167	13.2	10.6	16.0



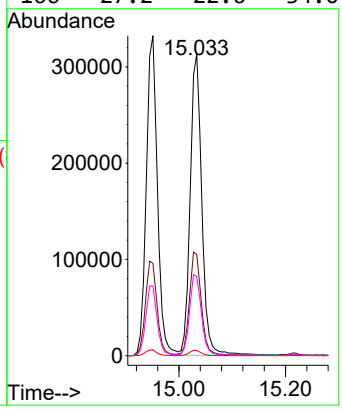


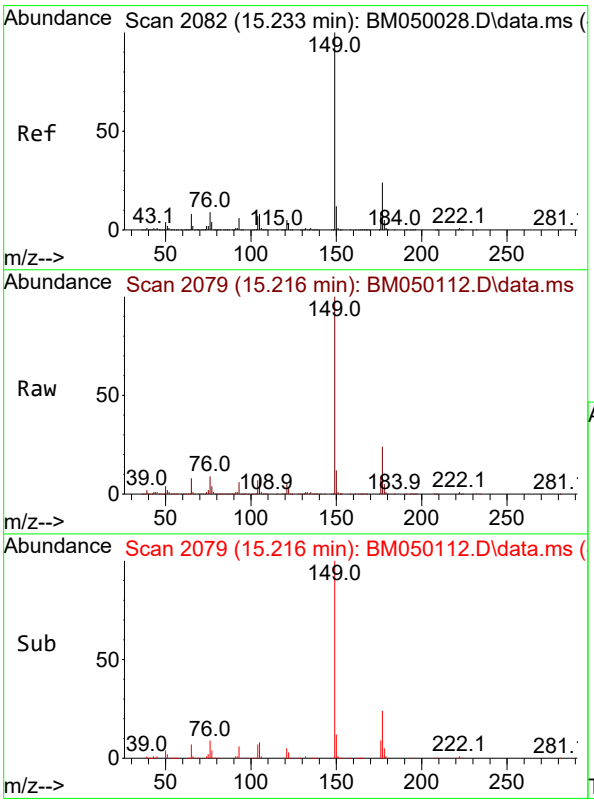
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.521 ng
RT: 15.033 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 474064

Ion	Ratio	Lower	Upper
232	100		
131	35.5	28.2	42.4
130	1.9	1.5	2.3
166	27.2	22.6	34.0

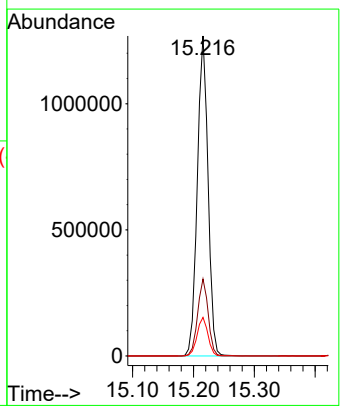


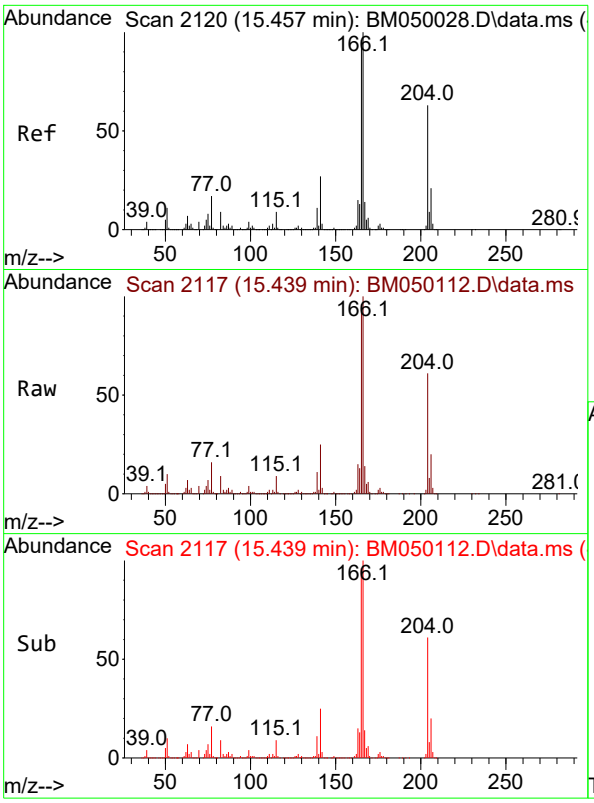


#60
Diethylphthalate
Concen: 36.577 ng
RT: 15.216 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:149 Resp: 1552791

Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.1	28.7
150	12.0	9.6	14.4



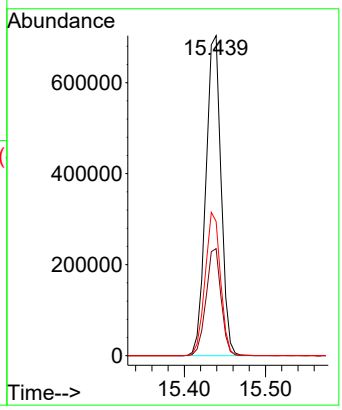


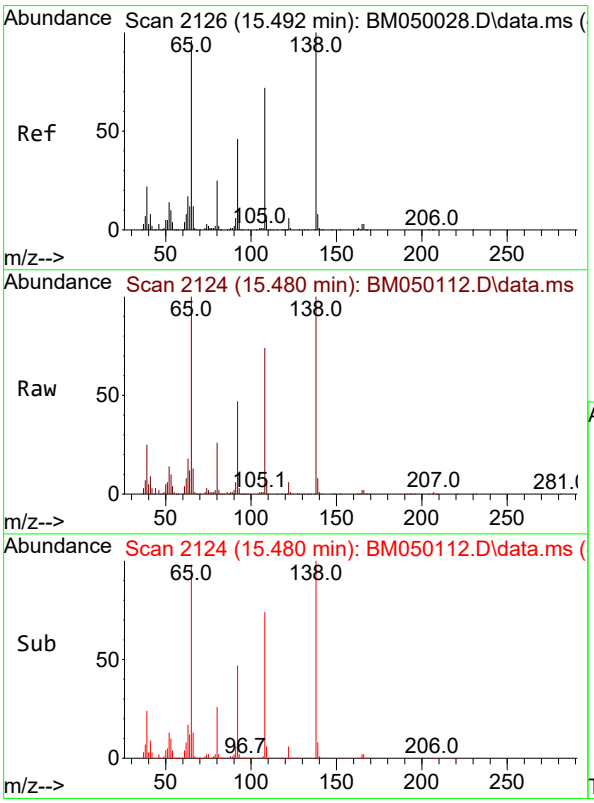
#61
4-Chlorophenyl-phenylether
Concen: 36.846 ng
RT: 15.439 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 912927

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.3	39.5
141	42.0	34.0	51.0

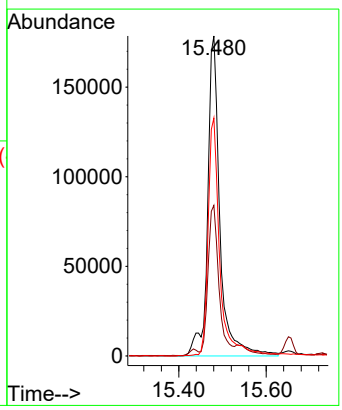


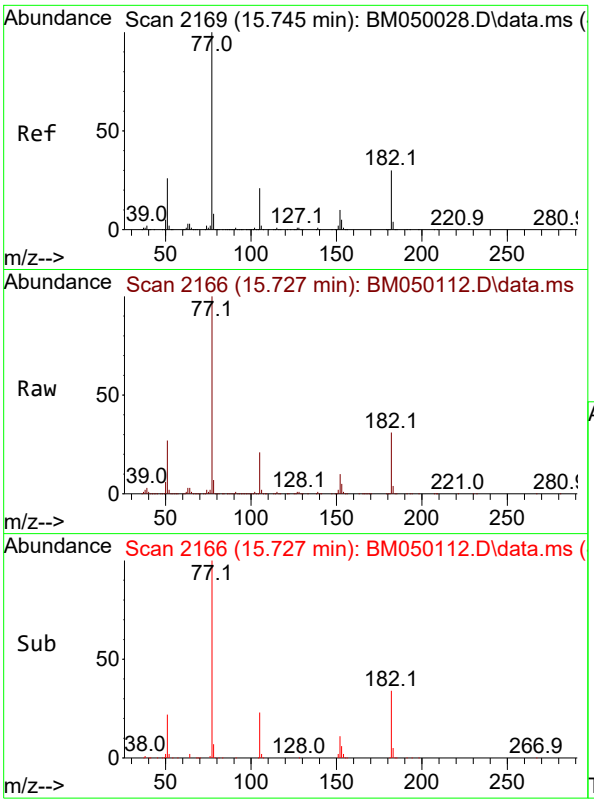


#62
4-Nitroaniline
Concen: 40.620 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:138 Resp: 349016

Ion	Ratio	Lower	Upper
138	100		
92	47.0	25.9	65.9
108	74.4	52.4	92.4



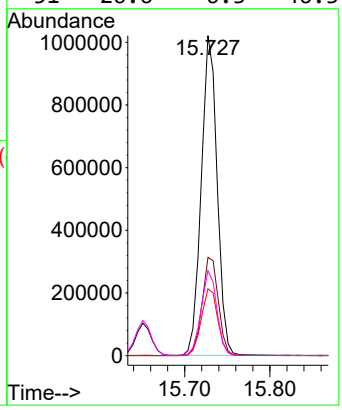


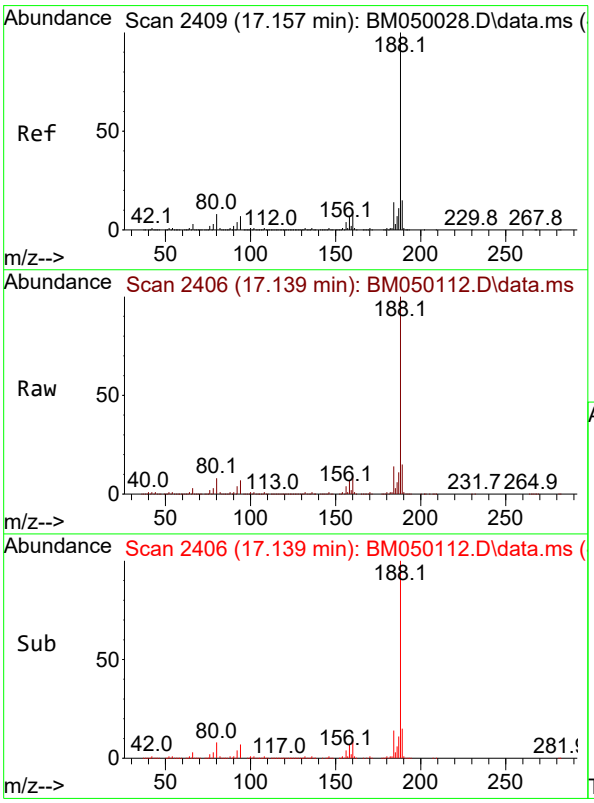
#63
Azobenzene
Concen: 37.065 ng
RT: 15.727 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1318699

Ion	Ratio	Lower	Upper
77	100		
182	30.7	10.5	50.5
105	20.9	1.1	41.1
51	26.6	6.3	46.3

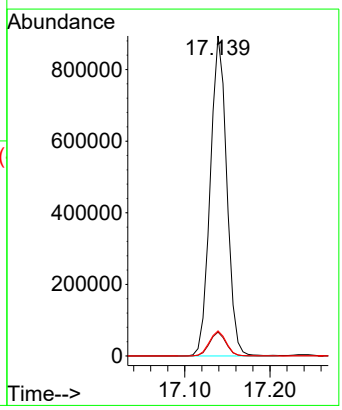


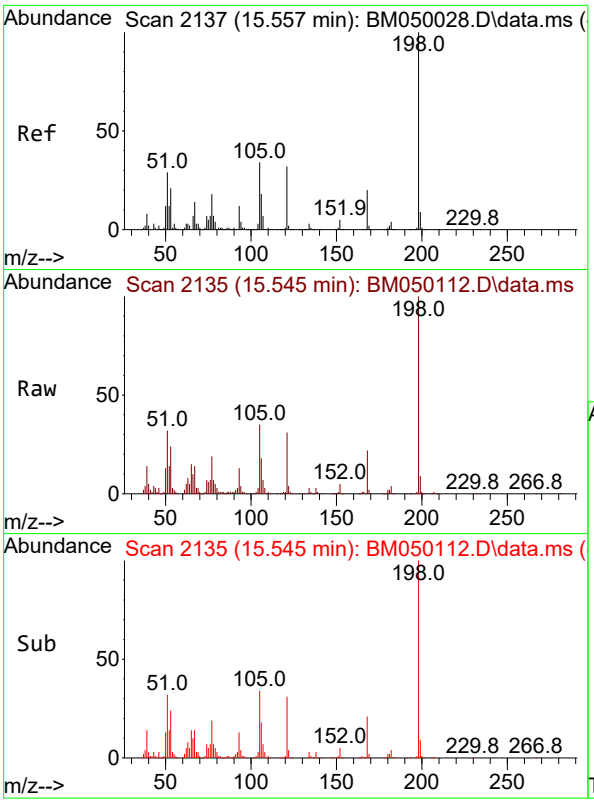


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:188 Resp: 1203468

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.7	8.5
80	7.9	6.2	9.4



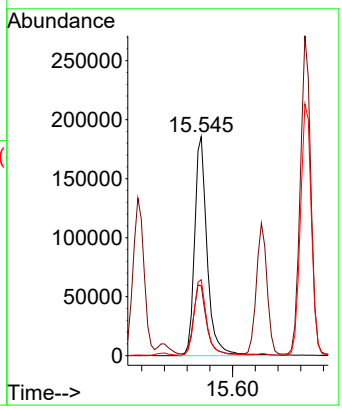


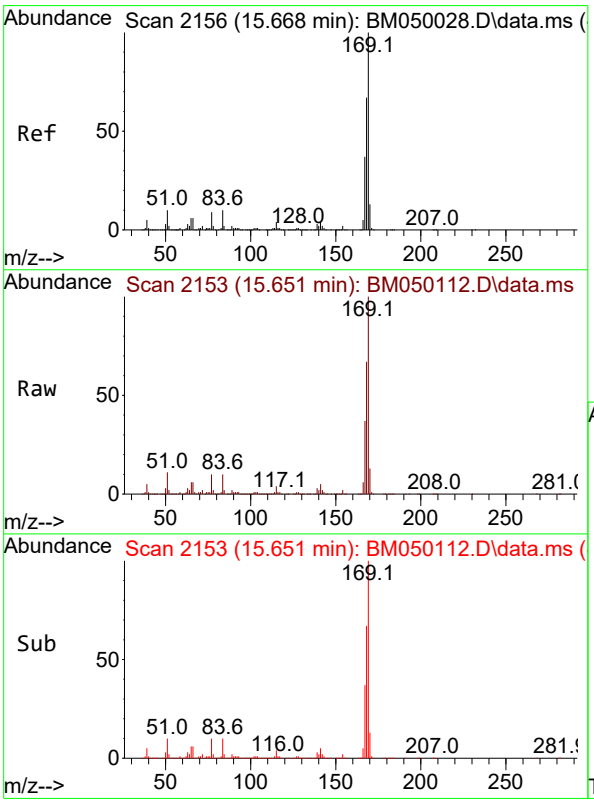
#65
4,6-Dinitro-2-methylphenol
Concen: 38.009 ng
RT: 15.545 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 286334

Ion	Ratio	Lower	Upper
198	100		
51	31.9	10.4	50.4
105	34.7	14.6	54.6

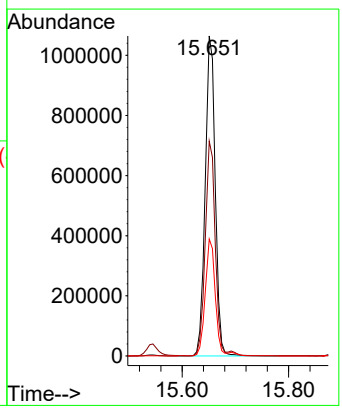


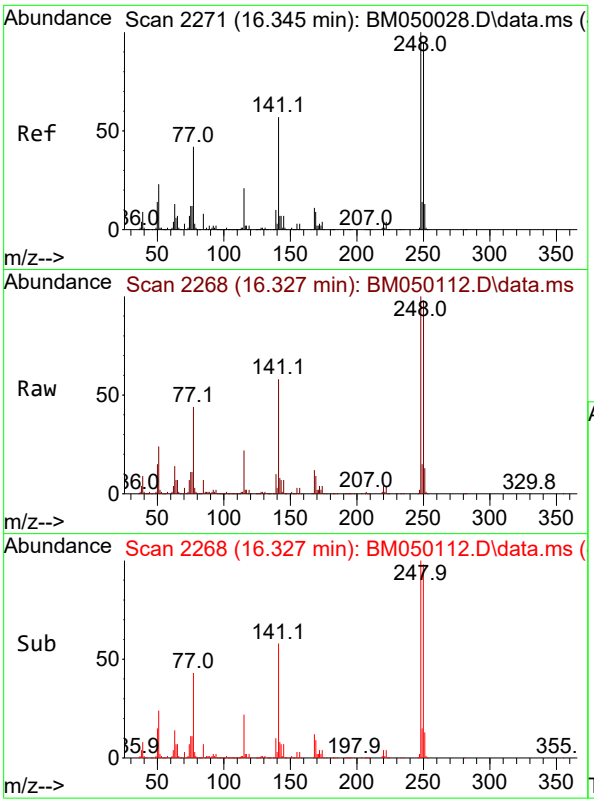


#66
n-Nitrosodiphenylamine
Concen: 37.674 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:169 Resp: 1392242

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.4	80.2
167	36.6	29.4	44.0



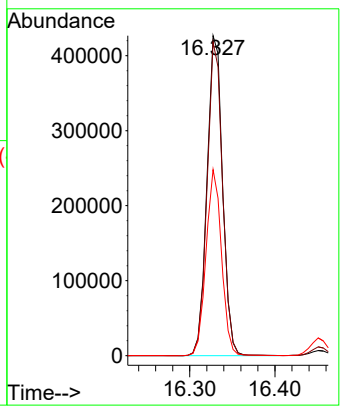


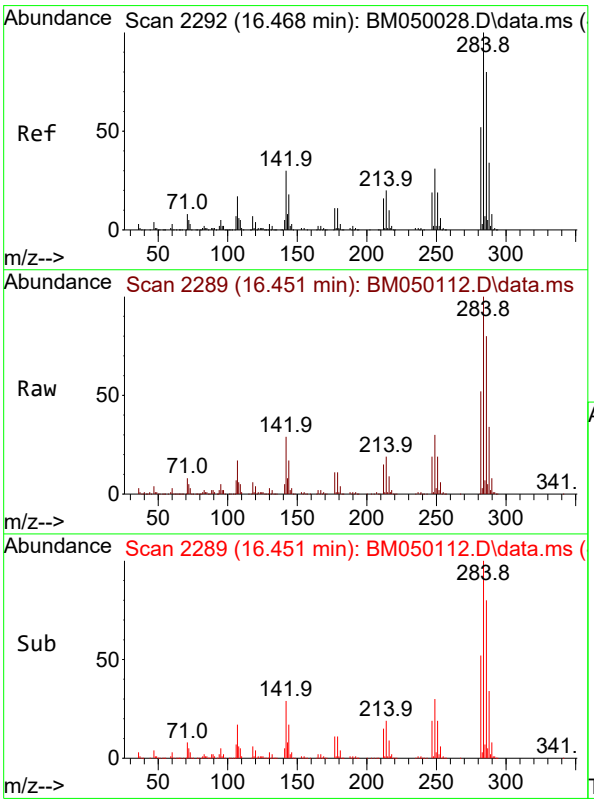
#67
4-Bromophenyl-phenylether
Concen: 37.275 ng
RT: 16.327 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 542466

Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.2	114.2
141	58.2	45.9	68.9

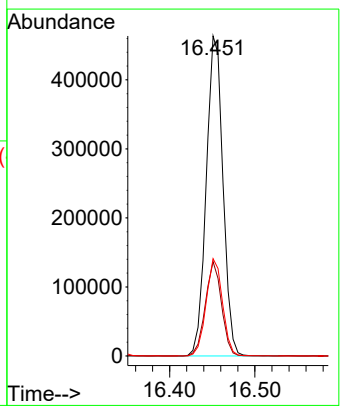


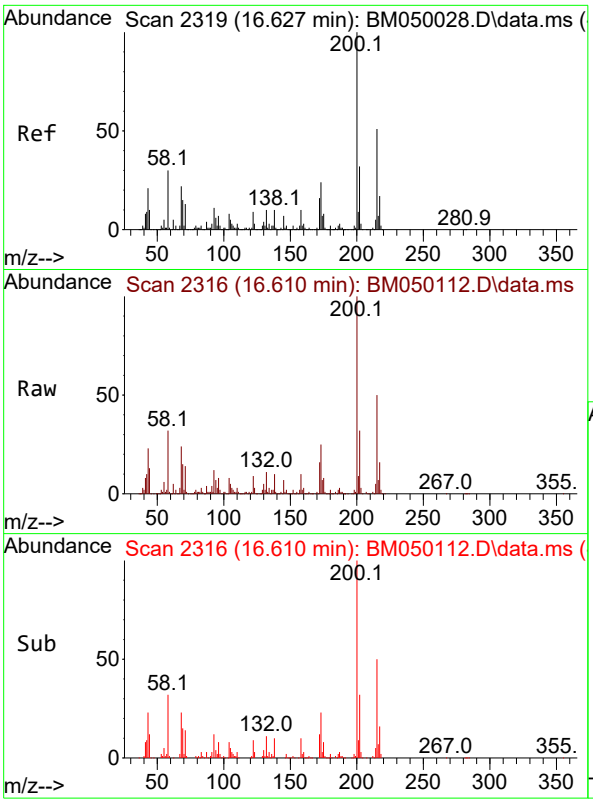


#68
Hexachlorobenzene
Concen: 37.574 ng
RT: 16.451 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:284 Resp: 630323

Ion	Ratio	Lower	Upper
284	100		
142	29.4	23.9	35.9
249	30.4	24.5	36.7



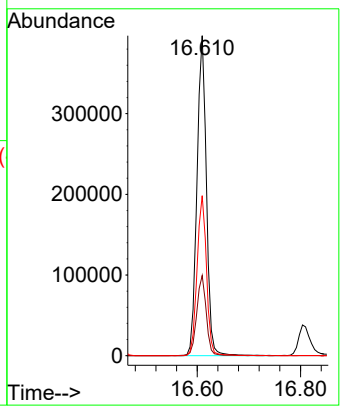


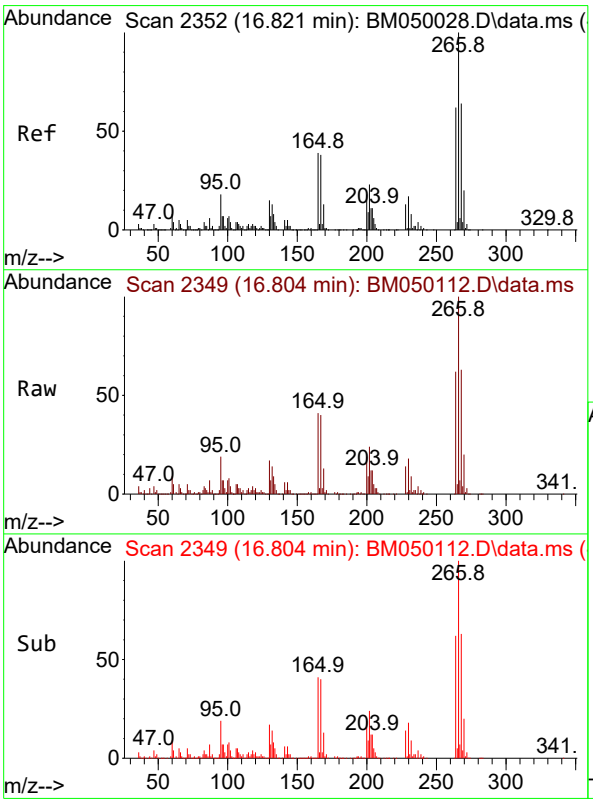
#69
Atrazine
Concen: 37.715 ng
RT: 16.610 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 502744

Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.3	44.3
215	50.0	30.6	70.6

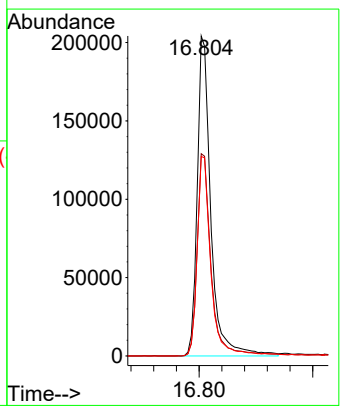


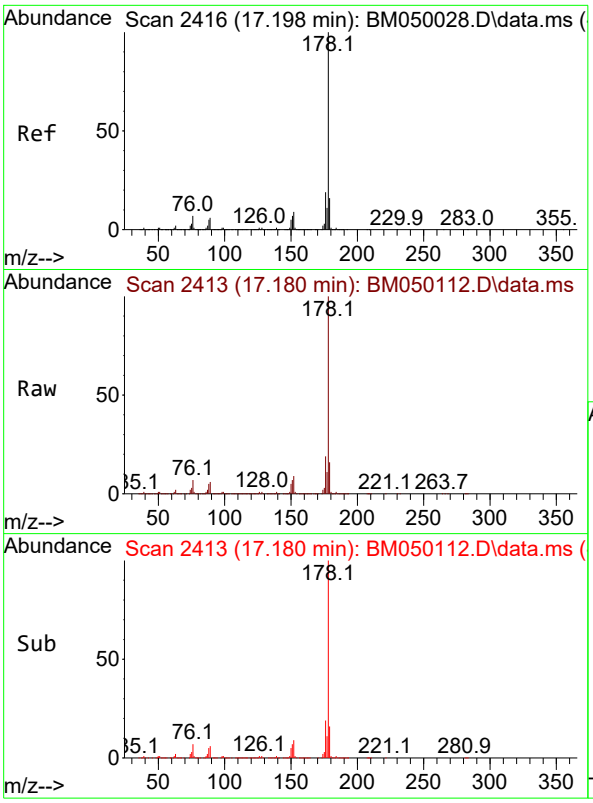


#70
Pentachlorophenol
Concen: 36.021 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.017 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:266 Resp: 340135

Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.2	76.8
264	62.3	49.6	74.4



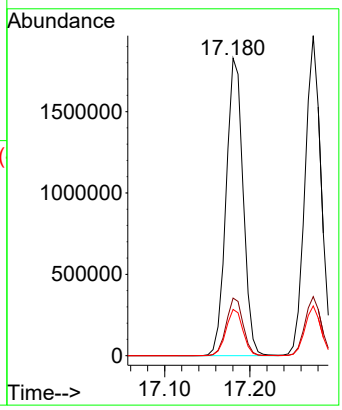


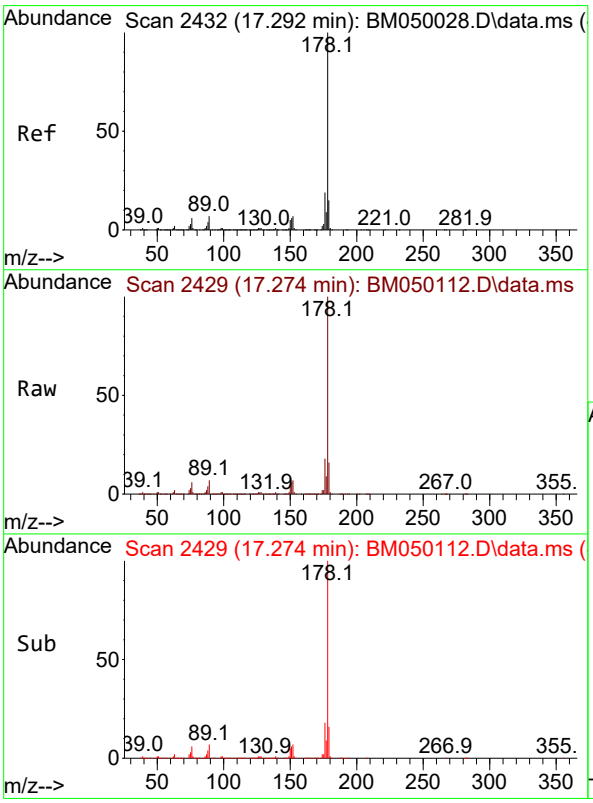
#71
Phenanthrene
Concen: 37.297 ng
RT: 17.180 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2531629

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.5	12.4	18.6

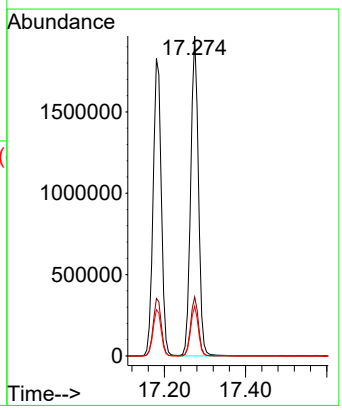


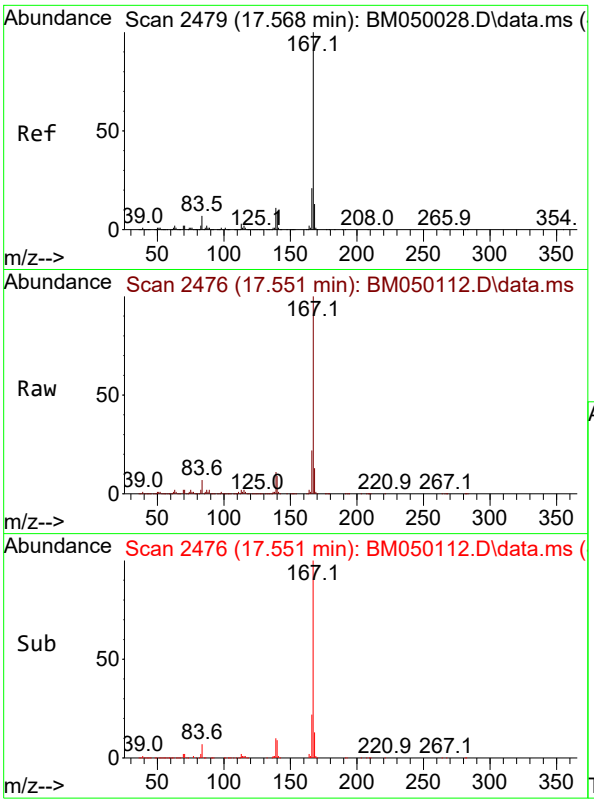


#72
Anthracene
Concen: 37.832 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:178 Resp: 2598718

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.6	12.2	18.4



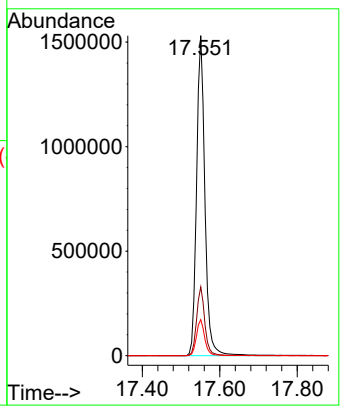


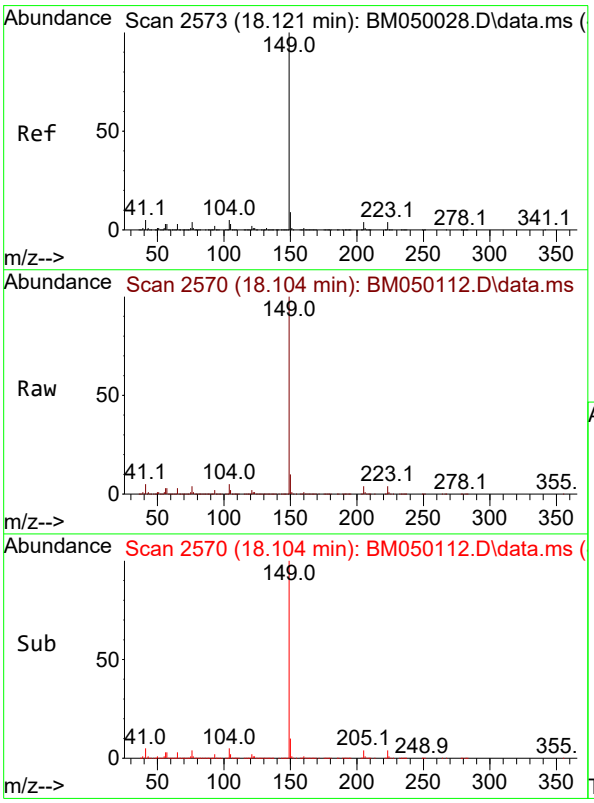
#73
Carbazole
Concen: 38.394 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 2288501

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	11.3	9.0	13.6

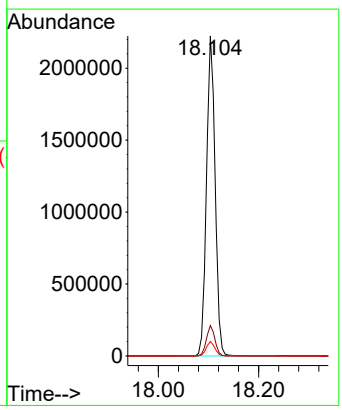


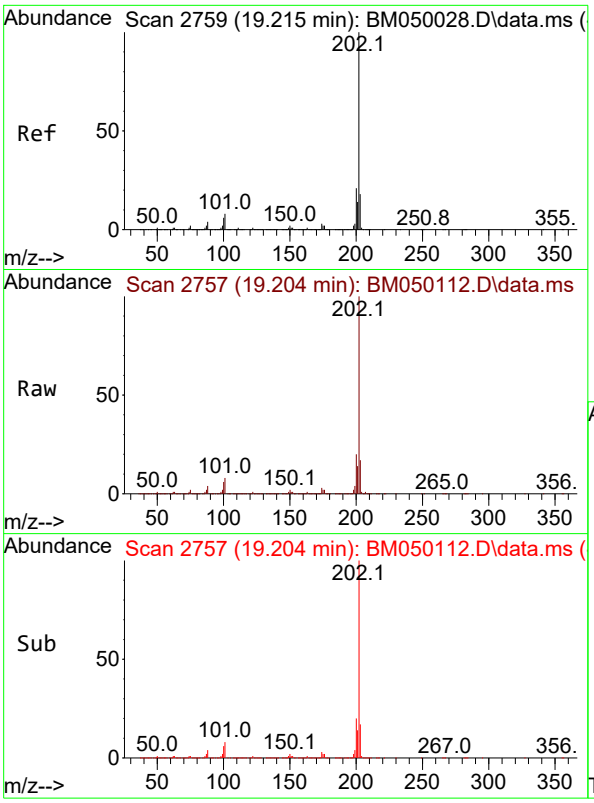


#74
Di-n-butylphthalate
Concen: 37.606 ng
RT: 18.104 min Scan# 2570
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:149 Resp: 2669468

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.5	3.8	5.6



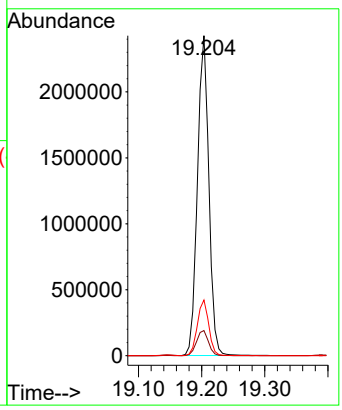


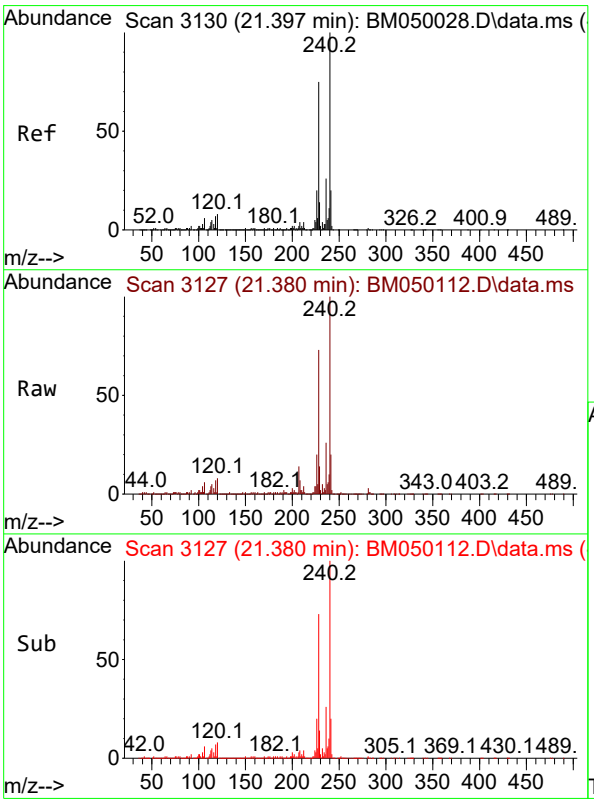
#75
Fluoranthene
Concen: 38.044 ng
RT: 19.204 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 3031823

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.0
203	17.4	0.0	37.7

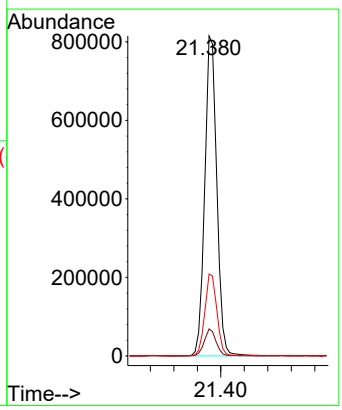


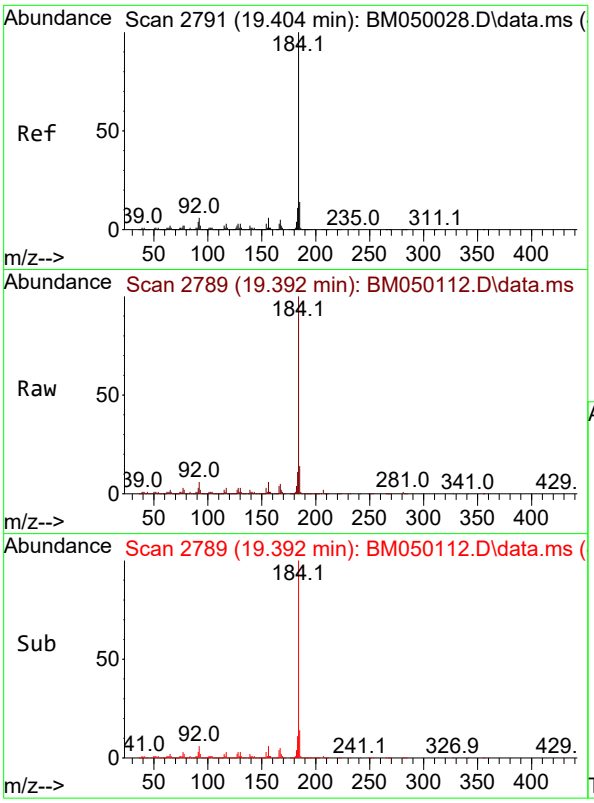


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.017 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:240 Resp: 1155475

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.5	9.7
236	25.6	20.9	31.3



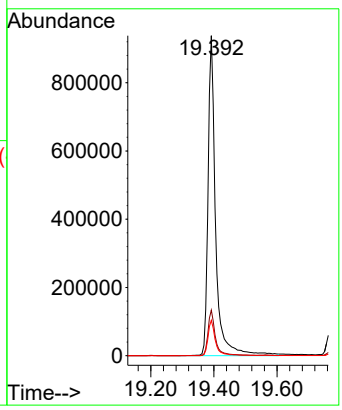


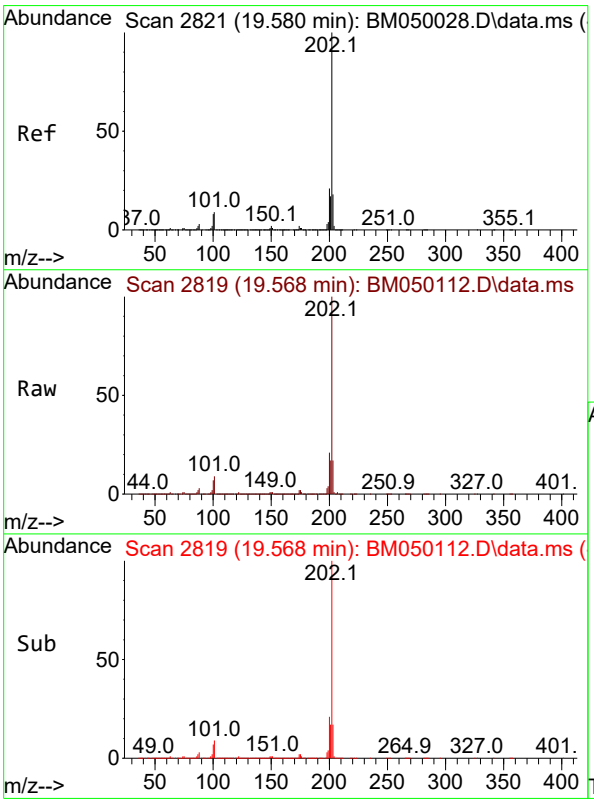
#77
Benzidine
Concen: 38.104 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1563898

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	11.1	8.9	13.3

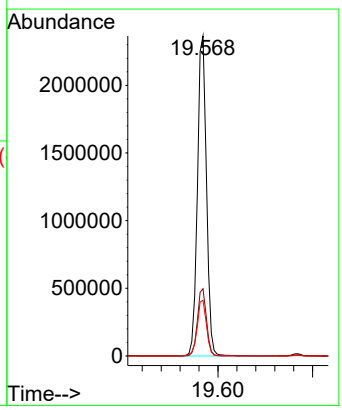


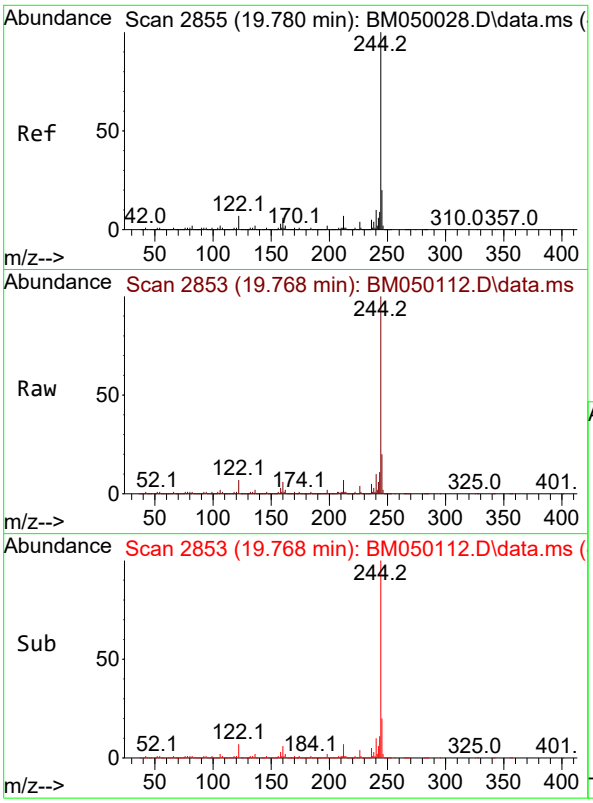


#78
Pyrene
Concen: 38.517 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:202 Resp: 3125279

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.4	14.1	21.1



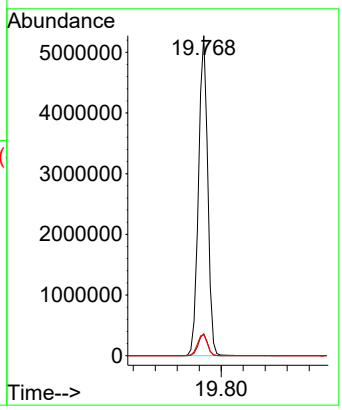


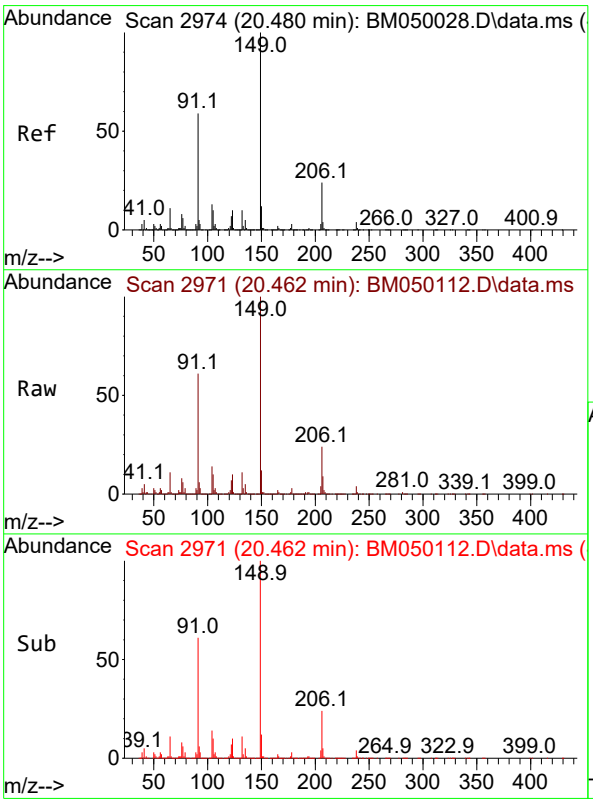
#79
Terphenyl-d14
Concen: 78.628 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 6139793

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.6	5.6	8.4

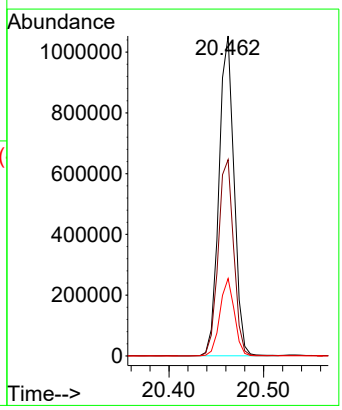


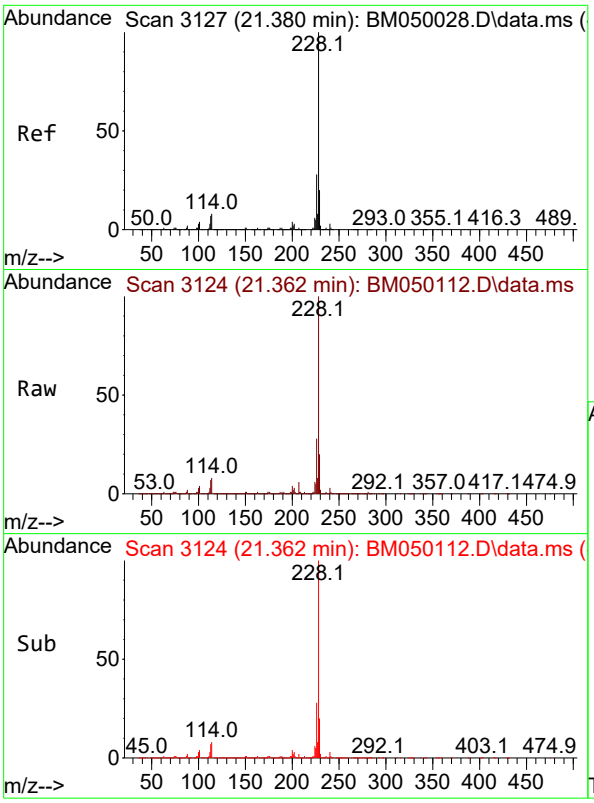


#80
Butylbenzylphthalate
Concen: 38.395 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:149 Resp: 1166830

Ion	Ratio	Lower	Upper
149	100		
91	61.4	47.4	71.2
206	24.2	19.4	29.0



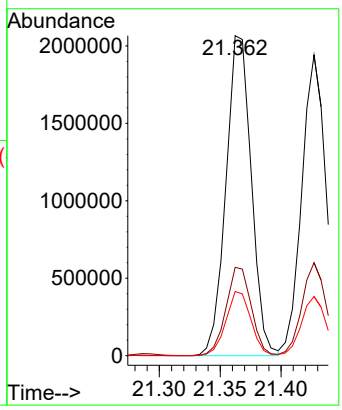


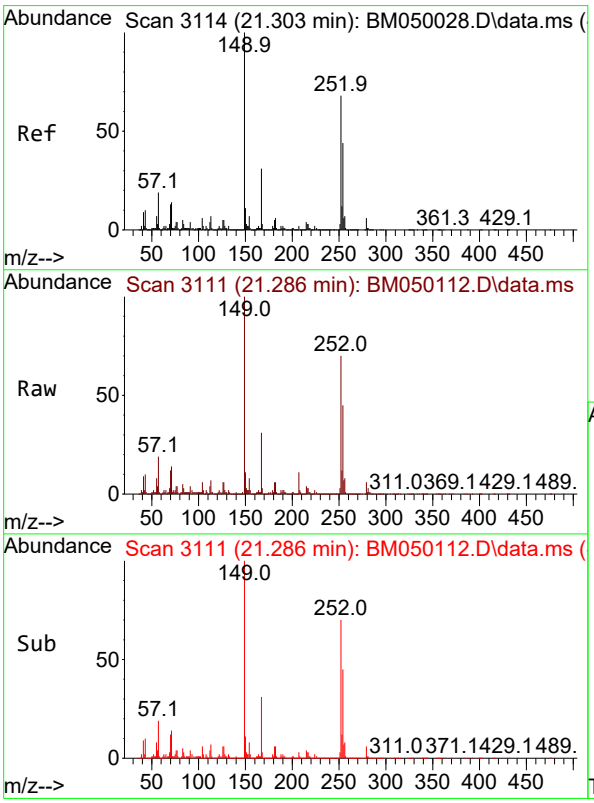
#81
Benzo(a)anthracene
Concen: 37.663 ng
RT: 21.362 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2996833

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.1	15.7	23.5

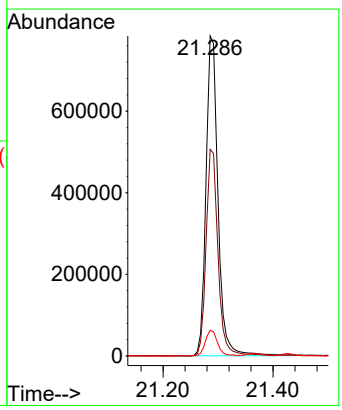


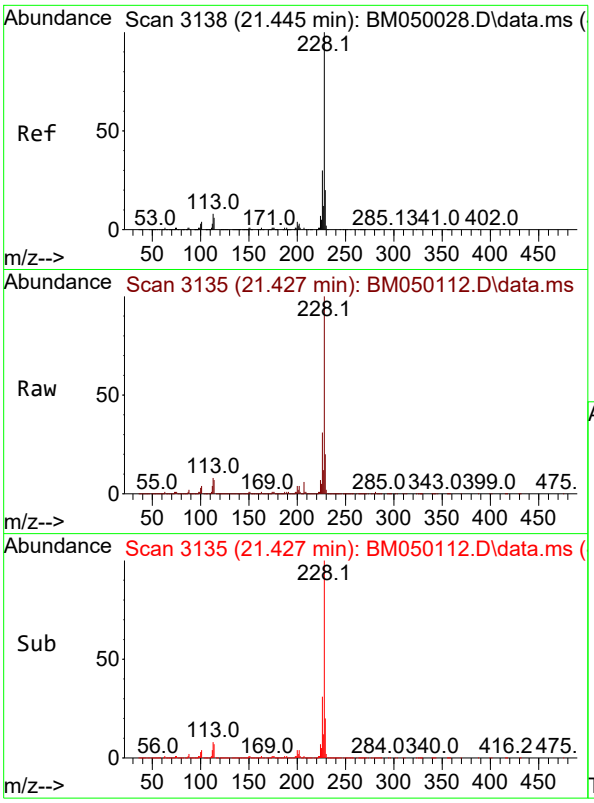


#82
3,3'-Dichlorobenzidine
Concen: 38.898 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:252 Resp: 1184813

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.8	77.6
126	8.0	6.0	9.0



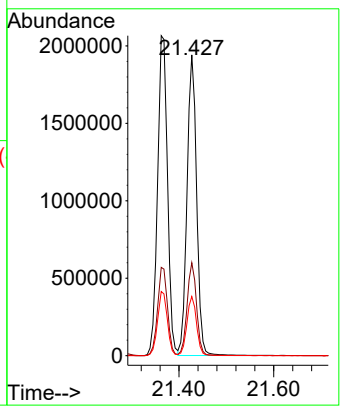


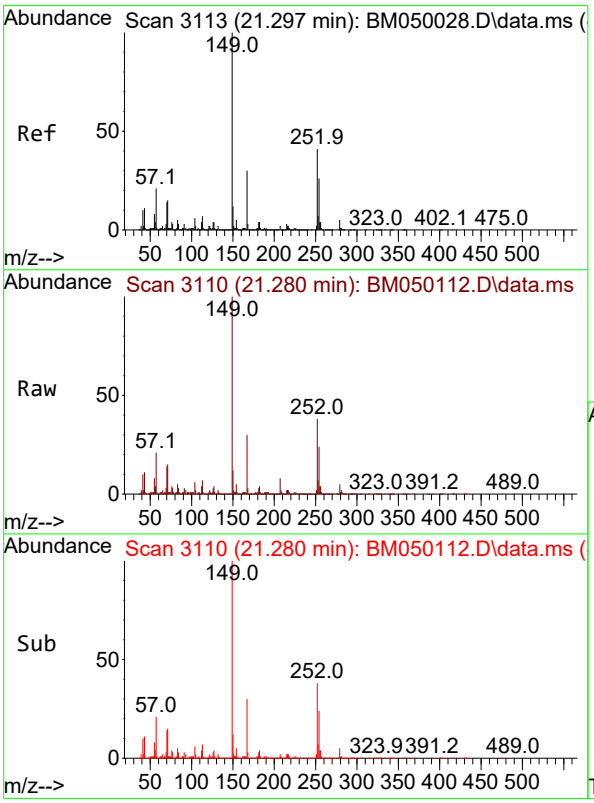
#83
Chrysene
Concen: 37.094 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2731694

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	19.7	15.7	23.5

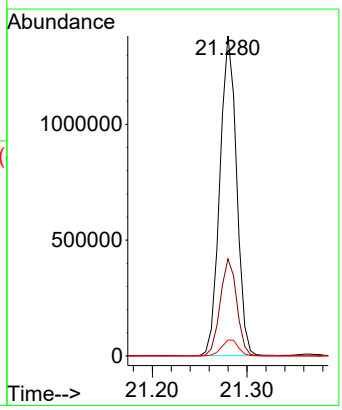


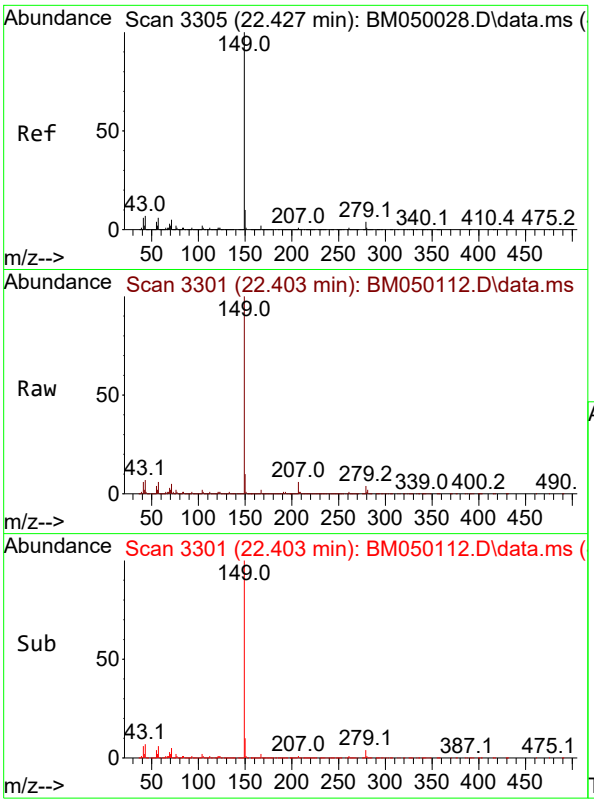


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.381 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:149 Resp: 1696855

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.1	36.1
279	5.0	3.9	5.9



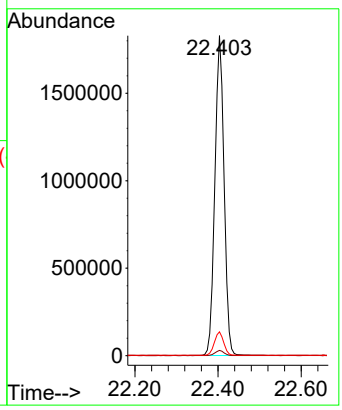


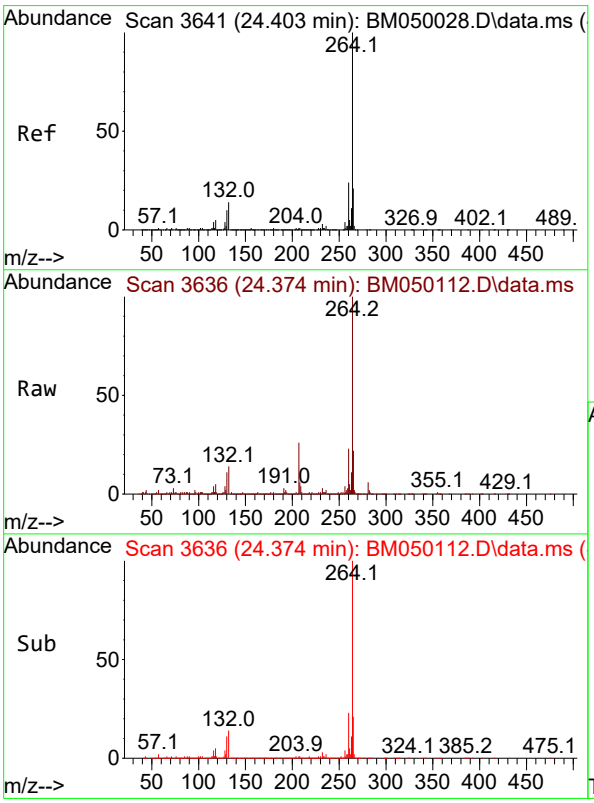
#85
Di-n-octyl phthalate
Concen: 37.342 ng
RT: 22.403 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2795441

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	5.8	8.8

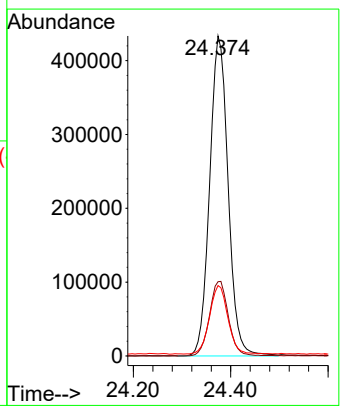


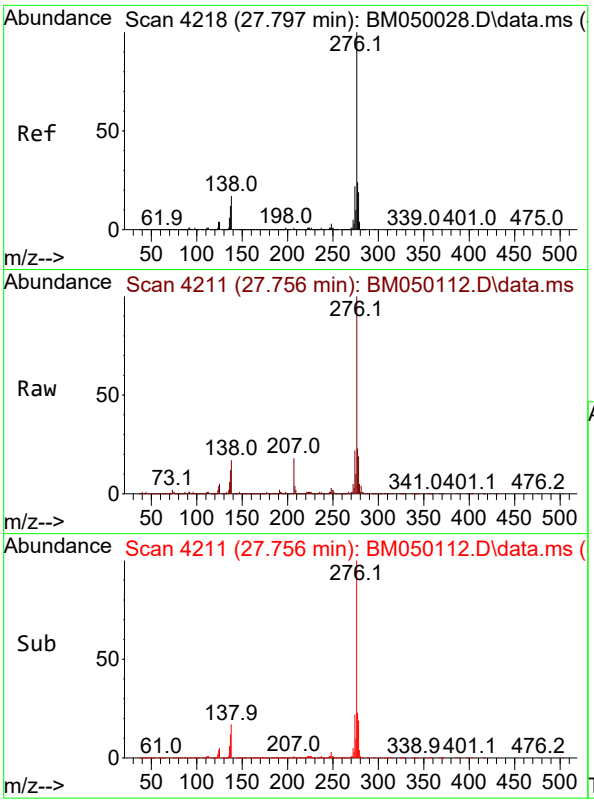


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:264 Resp: 1141097

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	22.0	17.0	25.4



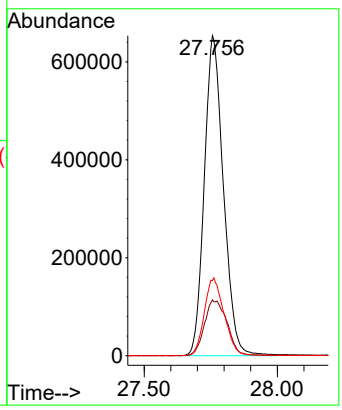


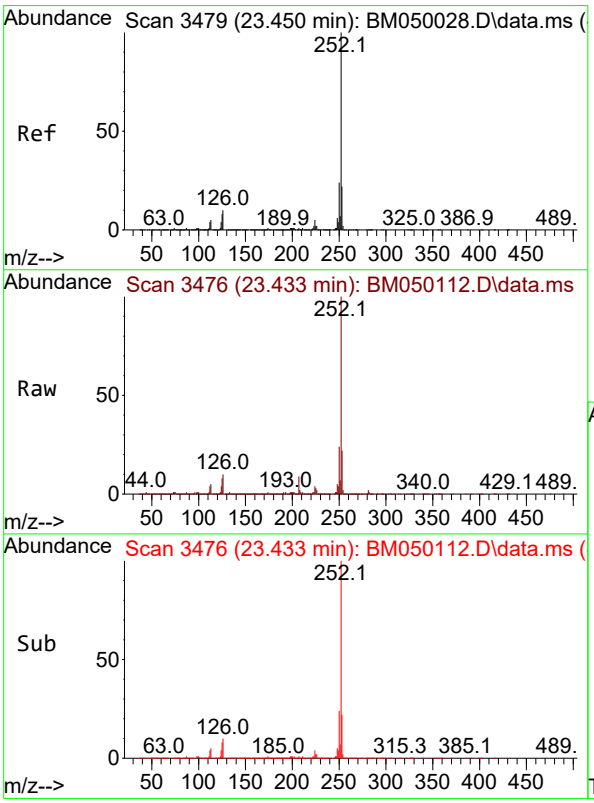
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.310 ng
RT: 27.756 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 3257358

Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.4	24.6
277	25.0	19.8	29.8

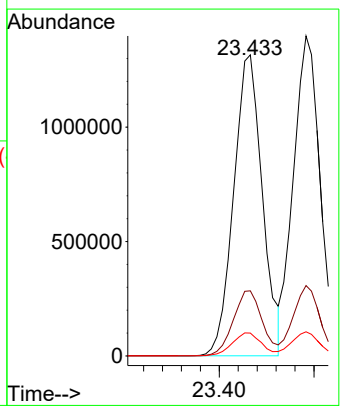


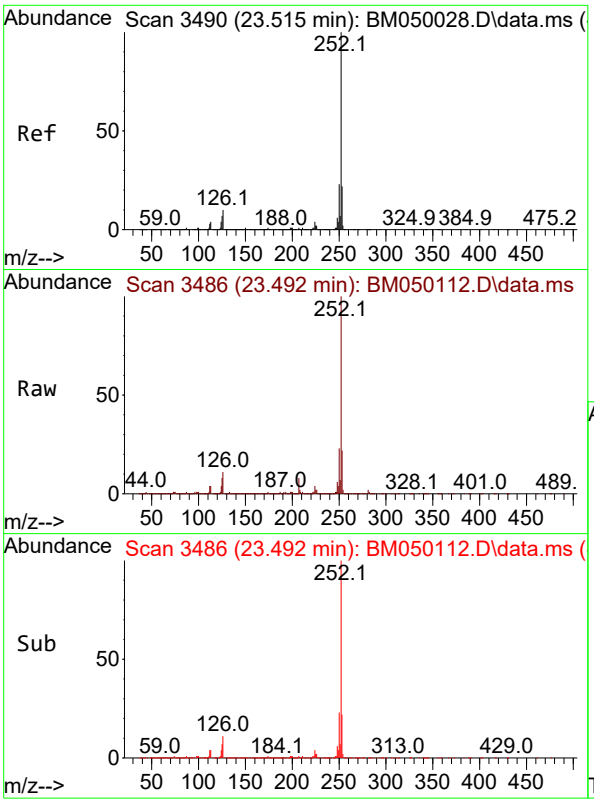


#88
Benzo(b)fluoranthene
Concen: 37.335 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:252 Resp: 2770613

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	7.6	6.1	9.1



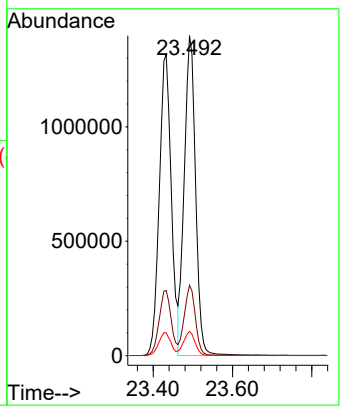


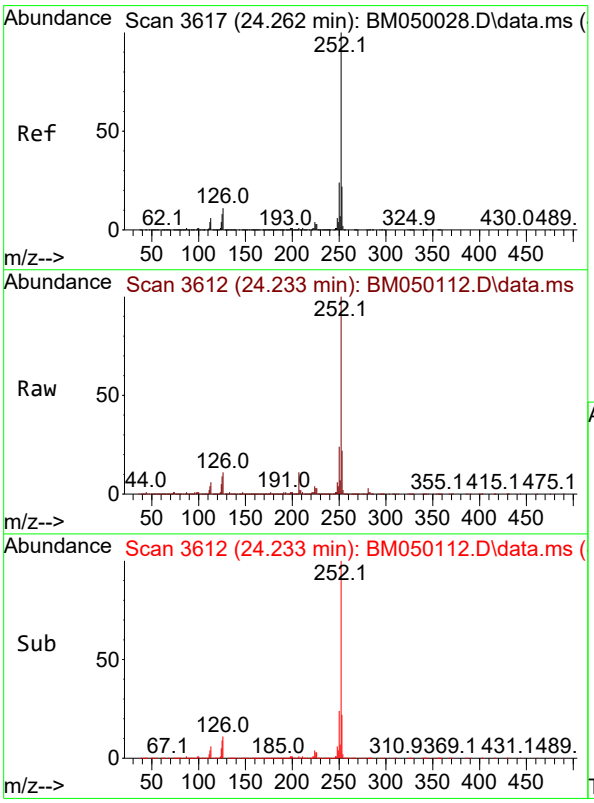
#89
Benzo(k)fluoranthene
Concen: 36.859 ng
RT: 23.492 min Scan# 34
Delta R.T. -0.023 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2766829

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	7.6	5.8	8.8

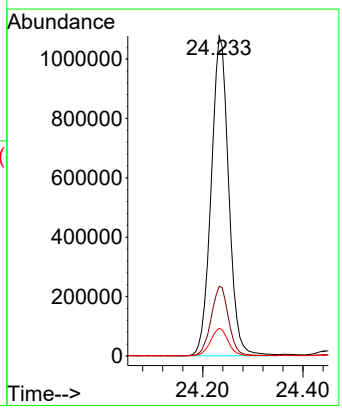


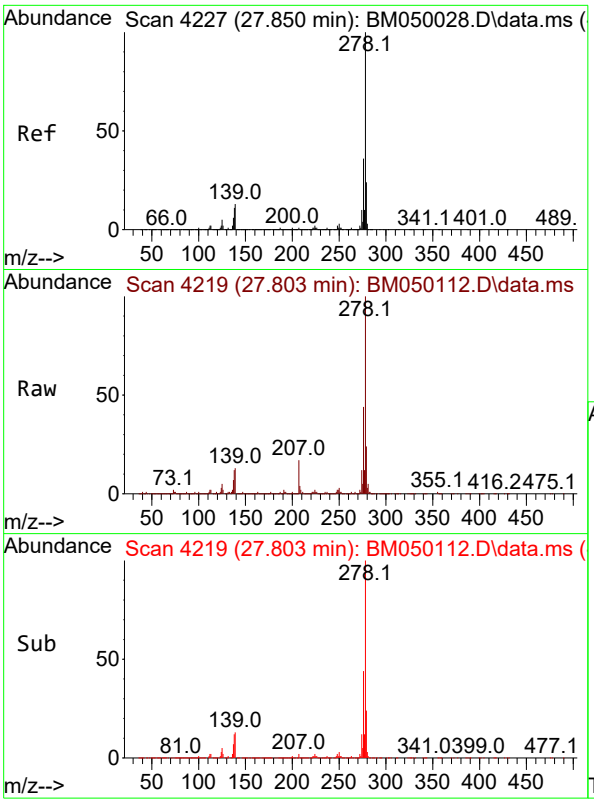


#90
Benzo(a)pyrene
Concen: 37.532 ng
RT: 24.233 min Scan# 3612
Delta R.T. -0.029 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:252 Resp: 2608657

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	8.7	6.6	9.8



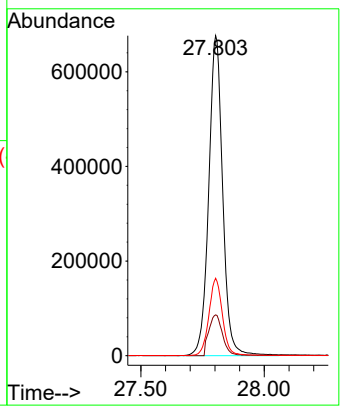


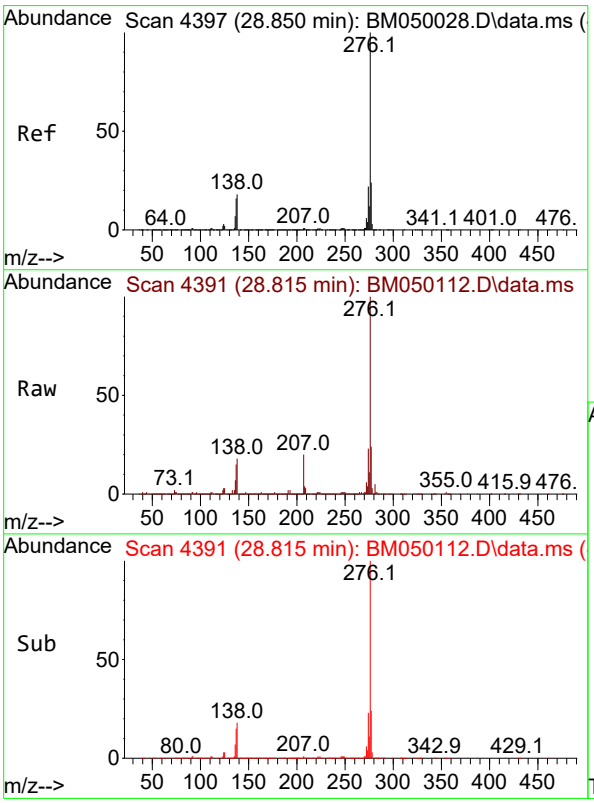
#91
Dibenzo(a,h)anthracene
Concen: 38.350 ng
RT: 27.803 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2658072

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.5	15.7
279	24.2	19.4	29.0

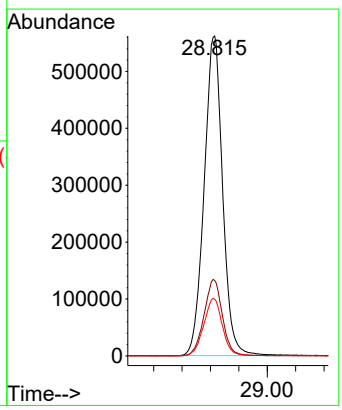




#92
Benzo(g,h,i)perylene
Concen: 38.196 ng
RT: 28.815 min Scan# 4391
Delta R.T. -0.035 min
Lab File: BM050112.D
Acq: 06 May 2025 10:03

Tgt Ion:276 Resp: 2534494

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	17.7	14.3	21.5



Sample Results: **BM050112.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050112.D
Acq On : 06 May 2025 10:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 06 11:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	-0.02
2		1,4-Dioxane	0.490	0.475	3.1	103	-0.02
3		Pyridine	1.258	1.226	2.5	102	-0.02
4		n-Nitrosodimethylamine	0.493	0.468	5.1	99	-0.02
5	S	2-Fluorophenol	1.142	1.120	1.9	103	-0.02
6		Aniline	1.813	1.722	5.0	98	-0.02
7	S	Phenol-d6	1.436	1.382	3.8	99	-0.02
8		2-Chlorophenol	1.235	1.182	4.3	100	-0.02
9		Benzaldehyde	0.961	0.902	6.1	97	-0.02
10	C	Phenol	1.453	1.397	3.9	101	-0.02
11		bis(2-Chloroethyl)ether	1.213	1.118	7.8	97	-0.02
12		1,3-Dichlorobenzene	1.492	1.410	5.5	100	-0.02
13	C	1,4-Dichlorobenzene	1.499	1.415	5.6	100	-0.02
14		1,2-Dichlorobenzene	1.448	1.354	6.5	99	-0.02
15		Benzyl Alcohol	0.996	0.958	3.8	98	-0.02
16		2,2'-oxybis(1-Chloropropane	1.475	1.386	6.0	99	-0.02
17		2-Methylphenol	0.957	0.897	6.3	96	-0.02
18		Hexachloroethane	0.533	0.495	7.1	99	-0.03
19	P	n-Nitroso-di-n-propylamine	0.921	0.855	7.2	95	-0.02
20		3+4-Methylphenols	1.293	1.216	6.0	97	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	107	-0.03
22		Acetophenone	0.497	0.470	5.4	95	-0.02
23	S	Nitrobenzene-d5	0.406	0.390	3.9	96	-0.02
24		Nitrobenzene	0.351	0.336	4.3	96	-0.02
25		Isophorone	0.692	0.645	6.8	95	-0.02
26	C	2-Nitrophenol	0.179	0.177	1.1	97	-0.02
27		2,4-Dimethylphenol	0.297	0.286	3.7	95	-0.02
28		bis(2-Chloroethoxy)methane	0.428	0.397	7.2	94	-0.02
29	C	2,4-Dichlorophenol	0.333	0.316	5.1	94	-0.02
30		1,2,4-Trichlorobenzene	0.406	0.379	6.7	95	-0.02
31		Naphthalene	1.013	0.947	6.5	95	-0.02
32		Benzoic acid	0.190	0.181	4.7	98	-0.01
33		4-Chloroaniline	0.415	0.392	5.5	95	-0.02
34	C	Hexachlorobutadiene	0.258	0.242	6.2	96	-0.03
35		Caprolactam	0.097	0.091	6.2	93	-0.02
36	C	4-Chloro-3-methylphenol	0.308	0.286	7.1	94	-0.02
37		2-Methylnaphthalene	0.679	0.629	7.4	95	-0.02
38		1-Methylnaphthalene	0.719	0.662	7.9	94	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	104	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.692	0.660	4.6	93	-0.02
41	P	Hexachlorocyclopentadiene	0.423	0.367	13.2	84	-0.03
42	S	2,4,6-Tribromophenol	0.296	0.278	6.1	91	-0.01
43	C	2,4,6-Trichlorophenol	0.439	0.428	2.5	94	-0.02
44		2,4,5-Trichlorophenol	0.474	0.455	4.0	92	-0.02
45	S	2-Fluorobiphenyl	1.691	1.590	6.0	92	-0.02
46		1,1'-Biphenyl	1.487	1.393	6.3	92	-0.02
47		2-Chloronaphthalene	1.177	1.109	5.8	92	-0.02

Sample Results: **BM050112.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050112.D
Acq On : 06 May 2025 10:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 06 11:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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	0.276	0.277	-0.4	96	-0.02
49		Acenaphthylene	1.857	1.731	6.8	91	-0.02
50		Dimethylphthalate	1.462	1.356	7.3	92	-0.02
51		2,6-Dinitrotoluene	0.303	0.292	3.6	93	-0.02
52	C	Acenaphthene	1.075	0.994	7.5	91	-0.02
53		3-Nitroaniline	0.289	0.290	-0.3	94	-0.02
54	P	2,4-Dinitrophenol	0.164	0.149	9.1	87	-0.01
55		Dibenzofuran	1.788	1.657	7.3	92	-0.02
56	P	4-Nitrophenol	0.205	0.187	8.8	87	0.00
57		2,4-Dinitrotoluene	0.418	0.410	1.9	94	-0.01
58		Fluorene	1.463	1.361	7.0	91	-0.02
59		2,3,4,6-Tetrachlorophenol	0.410	0.384	6.3	92	-0.01
60		Diethylphthalate	1.377	1.259	8.6	92	-0.02
61		4-Chlorophenyl-phenylether	0.804	0.740	8.0	90	-0.02
62		4-Nitroaniline	0.279	0.283	-1.4	94	-0.01
63		Azobenzene	1.154	1.070	7.3	92	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	103	-0.02
65		4,6-Dinitro-2-methylphenol	0.125	0.119	4.8	91	-0.01
66	c	n-Nitrosodiphenylamine	0.614	0.578	5.9	91	-0.02
67		4-Bromophenyl-phenylether	0.242	0.225	7.0	90	-0.02
68		Hexachlorobenzene	0.279	0.262	6.1	92	-0.02
69		Atrazine	0.222	0.209	5.9	91	-0.02
70	C	Pentachlorophenol	0.157	0.141	10.2	88	-0.02
71		Phenanthrene	1.128	1.052	6.7	92	-0.02
72		Anthracene	1.142	1.080	5.4	92	-0.02
73		Carbazole	0.991	0.951	4.0	93	-0.02
74		Di-n-butylphthalate	1.180	1.109	6.0	92	-0.02
75	C	Fluoranthene	1.324	1.260	4.8	92	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	104	-0.02
77		Benzidine	0.710	0.677	4.6	91	-0.01
78		Pyrene	1.404	1.352	3.7	92	-0.01
79	S	Terphenyl-d14	1.352	1.328	1.8	90	-0.01
80		Butylbenzylphthalate	0.526	0.505	4.0	93	-0.02
81		Benzo(a)anthracene	1.377	1.297	5.8	91	-0.02
82		3,3'-Dichlorobenzidine	0.527	0.513	2.7	92	-0.02
83		Chrysene	1.275	1.182	7.3	91	-0.02
84		Bis(2-ethylhexyl)phthalate	0.786	0.734	6.6	90	-0.02
85	c	Di-n-octyl phthalate	1.296	1.210	6.6	92	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	106	-0.03
87		Indeno(1,2,3-cd)pyrene	1.490	1.427	4.2	95	-0.04
88		Benzo(b)fluoranthene	1.301	1.214	6.7	92	-0.02
89		Benzo(k)fluoranthene	1.316	1.212	7.9	93	-0.02
90	C	Benzo(a)pyrene	1.218	1.143	6.2	94	-0.03
91		Dibenzo(a,h)anthracene	1.215	1.165	4.1	95	-0.05
92		Benzo(g,h,i)perylene	1.163	1.111	4.5	96	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050112.D
Acq On : 06 May 2025 10:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 06 11:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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: **BM050112.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050112.D
Acq On : 06 May 2025 10:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 06 11:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	111	-0.02
2		1,4-Dioxane	40.000	38.810	3.0	103	-0.02
3		Pyridine	40.000	38.965	2.6	102	-0.02
4		n-Nitrosodimethylamine	40.000	37.918	5.2	99	-0.02
5	S	2-Fluorophenol	80.000	78.438	2.0	103	-0.02
6		Aniline	40.000	37.995	5.0	98	-0.02
7	S	Phenol-d6	80.000	76.993	3.8	99	-0.02
8		2-Chlorophenol	40.000	38.279	4.3	100	-0.02
9		Benzaldehyde	40.000	37.547	6.1	97	-0.02
10	C	Phenol	40.000	38.454	3.9	101	-0.02
11		bis(2-Chloroethyl)ether	40.000	36.837	7.9	97	-0.02
12		1,3-Dichlorobenzene	40.000	37.808	5.5	100	-0.02
13	C	1,4-Dichlorobenzene	40.000	37.775	5.6	100	-0.02
14		1,2-Dichlorobenzene	40.000	37.419	6.5	99	-0.02
15		Benzyl Alcohol	40.000	38.477	3.8	98	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	37.588	6.0	99	-0.02
17		2-Methylphenol	40.000	37.497	6.3	96	-0.02
18		Hexachloroethane	40.000	37.187	7.0	99	-0.03
19	P	n-Nitroso-di-n-propylamine	40.000	37.160	7.1	95	-0.02
20		3+4-Methylphenols	40.000	37.613	6.0	97	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	107	-0.03
22		Acetophenone	40.000	37.799	5.5	95	-0.02
23	S	Nitrobenzene-d5	80.000	76.902	3.9	96	-0.02
24		Nitrobenzene	40.000	38.314	4.2	96	-0.02
25		Isophorone	40.000	37.279	6.8	95	-0.02
26	C	2-Nitrophenol	40.000	39.544	1.1	97	-0.02
27		2,4-Dimethylphenol	40.000	38.439	3.9	95	-0.02
28		bis(2-Chloroethoxy)methane	40.000	37.171	7.1	94	-0.02
29	C	2,4-Dichlorophenol	40.000	37.987	5.0	94	-0.02
30		1,2,4-Trichlorobenzene	40.000	37.380	6.5	95	-0.02
31		Naphthalene	40.000	37.383	6.5	95	-0.02
32		Benzoic acid	40.000	38.021	4.9	98	-0.01
33		4-Chloroaniline	40.000	37.770	5.6	95	-0.02
34	C	Hexachlorobutadiene	40.000	37.564	6.1	96	-0.03
35		Caprolactam	40.000	37.373	6.6	93	-0.02
36	C	4-Chloro-3-methylphenol	40.000	37.137	7.2	94	-0.02
37		2-Methylnaphthalene	40.000	37.041	7.4	95	-0.02
38		1-Methylnaphthalene	40.000	36.844	7.9	94	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	104	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	38.108	4.7	93	-0.02
41	P	Hexachlorocyclopentadiene	40.000	34.733	13.2	84	-0.03
42	S	2,4,6-Tribromophenol	80.000	75.287	5.9	91	-0.01
43	C	2,4,6-Trichlorophenol	40.000	38.974	2.6	94	-0.02
44		2,4,5-Trichlorophenol	40.000	38.440	3.9	92	-0.02
45	S	2-Fluorobiphenyl	80.000	75.257	5.9	92	-0.02
46		1,1'-Biphenyl	40.000	37.483	6.3	92	-0.02
47		2-Chloronaphthalene	40.000	37.657	5.9	92	-0.02

Sample Results: **BM050112.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050112.D
Acq On : 06 May 2025 10:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 06 11:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	40.087	-0.2	96	-0.02
49		Acenaphthylene	40.000	37.291	6.8	91	-0.02
50		Dimethylphthalate	40.000	37.115	7.2	92	-0.02
51		2,6-Dinitrotoluene	40.000	38.633	3.4	93	-0.02
52	C	Acenaphthene	40.000	36.990	7.5	91	-0.02
53		3-Nitroaniline	40.000	40.100	-0.3	94	-0.02
54	P	2,4-Dinitrophenol	40.000	34.233	14.4	87	-0.01
55		Dibenzofuran	40.000	37.060	7.3	92	-0.02
56	P	4-Nitrophenol	40.000	34.581	13.5	87	0.00
57		2,4-Dinitrotoluene	40.000	39.183	2.0	94	-0.01
58		Fluorene	40.000	37.210	7.0	91	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	37.521	6.2	92	-0.01
60		Diethylphthalate	40.000	36.577	8.6	92	-0.02
61		4-Chlorophenyl-phenylether	40.000	36.846	7.9	90	-0.02
62		4-Nitroaniline	40.000	40.620	-1.5	94	-0.01
63		Azobenzene	40.000	37.065	7.3	92	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	103	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	38.009	5.0	91	-0.01
66	c	n-Nitrosodiphenylamine	40.000	37.674	5.8	91	-0.02
67		4-Bromophenyl-phenylether	40.000	37.275	6.8	90	-0.02
68		Hexachlorobenzene	40.000	37.574	6.1	92	-0.02
69		Atrazine	40.000	37.715	5.7	91	-0.02
70	C	Pentachlorophenol	40.000	36.021	9.9	88	-0.02
71		Phenanthrene	40.000	37.297	6.8	92	-0.02
72		Anthracene	40.000	37.832	5.4	92	-0.02
73		Carbazole	40.000	38.394	4.0	93	-0.02
74		Di-n-butylphthalate	40.000	37.606	6.0	92	-0.02
75	C	Fluoranthene	40.000	38.044	4.9	92	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	104	-0.02
77		Benzidine	40.000	38.104	4.7	91	-0.01
78		Pyrene	40.000	38.517	3.7	92	-0.01
79	S	Terphenyl-d14	80.000	78.628	1.7	90	-0.01
80		Butylbenzylphthalate	40.000	38.395	4.0	93	-0.02
81		Benzo(a)anthracene	40.000	37.663	5.8	91	-0.02
82		3,3'-Dichlorobenzidine	40.000	38.898	2.8	92	-0.02
83		Chrysene	40.000	37.094	7.3	91	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	37.381	6.5	90	-0.02
85	c	Di-n-octyl phthalate	40.000	37.342	6.6	92	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	106	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	38.310	4.2	95	-0.04
88		Benzo(b)fluoranthene	40.000	37.335	6.7	92	-0.02
89		Benzo(k)fluoranthene	40.000	36.859	7.9	93	-0.02
90	C	Benzo(a)pyrene	40.000	37.532	6.2	94	-0.03
91		Dibenzo(a,h)anthracene	40.000	38.350	4.1	95	-0.05
92		Benzo(g,h,i)perylene	40.000	38.196	4.5	96	-0.04

Sample Results: **BM050112.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050112.D
Acq On : 06 May 2025 10:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 06 11:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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: **BP024540.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: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: BNA_P Calibration Date/Time: 05/06/2025 10:17

Lab File ID: BP024540.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.210	1.169		-3.4	
Benzaldehyde	0.819	0.804		-1.8	
Phenol-d6	1.656	1.490		-10.0	
Phenol	1.661	1.459		-12.2	20.0
bis(2-Chloroethyl)ether	1.339	1.163		-13.1	
2-Chlorophenol	1.350	1.270		-5.9	
2-Methylphenol	1.075	0.995		-7.4	
2,2-oxybis(1-Chloropropane)	1.447	1.254		-13.3	
Acetophenone	0.495	0.472		-4.6	
3+4-Methylphenols	1.491	1.350		-9.5	
n-Nitroso-di-n-propylamine	1.025	0.887	0.050	-13.5	
Nitrobenzene-d5	0.351	0.343		-2.3	
Hexachloroethane	0.533	0.521		-2.3	
Nitrobenzene	0.347	0.336		-3.2	
Isophorone	0.635	0.588		-7.4	
2-Nitrophenol	0.170	0.180		5.9	20.0
2,4-Dimethylphenol	0.213	0.205		-3.8	
bis(2-Chloroethoxy)methane	0.429	0.380		-11.4	
2,4-Dichlorophenol	0.291	0.296		1.7	20.0
Naphthalene	1.054	1.015		-3.7	
4-Chloroaniline	0.371	0.348		-6.2	
Hexachlorobutadiene	0.183	0.197		7.7	20.0
Caprolactam	0.107	0.101		-5.6	
4-Chloro-3-methylphenol	0.339	0.336		-0.9	20.0
2-Methylnaphthalene	0.731	0.692		-5.3	
Hexachlorocyclopentadiene	0.195	0.199	0.050	2.1	
2,4,6-Trichlorophenol	0.366	0.383		4.6	20.0
2-Fluorobiphenyl	1.306	1.299		-0.5	
2,4,5-Trichlorophenol	0.405	0.422		4.2	
1,1-Biphenyl	1.470	1.445		-1.7	
2-Chloronaphthalene	1.099	1.091		-0.7	
2-Nitroaniline	0.308	0.322		4.5	
Dimethylphthalate	1.454	1.395		-4.1	
Acenaphthylene	1.730	1.668		-3.6	
2,6-Dinitrotoluene	0.309	0.312		1.0	
3-Nitroaniline	0.325	0.310		-4.6	
Acenaphthene	1.097	1.042		-5.0	20.0
2,4-Dinitrophenol	0.182	0.178	0.050	-2.2	
4-Nitrophenol	0.280	0.244	0.050	-12.9	

Raw Data: **BP024540.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: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1937 SAS No.: Q1937 SDG No.: Q1937

Instrument ID: BNA_P Calibration Date/Time: 05/06/2025 10:17

Lab File ID: BP024540.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.793	1.687		-5.9	
2,4-Dinitrotoluene	0.421	0.437		3.8	
Diethylphthalate	1.499	1.467		-2.1	
4-Chlorophenyl-phenylether	0.674	0.672		-0.3	
Fluorene	1.388	1.348		-2.9	
4-Nitroaniline	0.344	0.336		-2.3	
4,6-Dinitro-2-methylphenol	0.126	0.125		-0.8	
n-Nitrosodiphenylamine	0.597	0.575		-3.7	20.0
2,4,6-Tribromophenol	0.277	0.315		13.7	
4-Bromophenyl-phenylether	0.219	0.228		4.1	
Hexachlorobenzene	0.260	0.277		6.5	
Atrazine	0.152	0.140		-7.9	
Pentachlorophenol	0.181	0.191		5.5	20.0
Phenanthrene	1.091	1.036		-5.0	
Anthracene	1.052	1.032		-1.9	
Carbazole	1.027	0.997		-2.9	
Di-n-butylphthalate	1.280	1.303		1.8	
Fluoranthene	1.298	1.282		-1.2	20.0
Pyrene	1.271	1.167		-8.2	
Terphenyl-d14	0.992	0.978		-1.4	
Butylbenzylphthalate	0.544	0.545		0.2	
3,3-Dichlorobenzidine	0.436	0.430		-1.4	
Benzo(a)anthracene	1.243	1.199		-3.5	
Chrysene	1.191	1.148		-3.6	
Bis(2-ethylhexyl)phthalate	0.798	0.796		-0.3	
Di-n-octyl phthalate	1.297	1.373		5.9	20.0
Benzo(b)fluoranthene	1.199	1.159		-3.3	
Benzo(k)fluoranthene	1.158	1.069		-7.7	
Benzo(a)pyrene	1.034	1.002		-3.1	20.0
Indeno(1,2,3-cd)pyrene	1.388	1.369		-1.4	
Dibenzo(a,h)anthracene	1.152	1.123		-2.5	
Benzo(g,h,i)perylene	1.173	1.146		-2.3	
1,2,4,5-Tetrachlorobenzene	0.550	0.573		4.2	
1,4-Dioxane	0.512	0.475		-7.2	20.0
2,3,4,6-Tetrachlorophenol	0.373	0.376		0.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	159873	20.000	ng		-0.02
21) Naphthalene-d8	10.475	136	632107	20.000	ng		#-0.02
39) Acenaphthene-d10	14.339	164	387042	20.000	ng		-0.01
64) Phenanthrene-d10	17.139	188	762899	20.000	ng		0.00
76) Chrysene-d12	21.580	240	851557	20.000	ng		-0.01
86) Perylene-d12	24.898	264	1008561	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	747784	77.338	ng		-0.02
7) Phenol-d6	6.899	99	952824	71.968	ng		-0.01
23) Nitrobenzene-d5	8.851	82	867321	78.239	ng		-0.02
42) 2,4,6-Tribromophenol	15.857	330	487153	90.973	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	2011006	79.554	ng		-0.02
79) Terphenyl-d14	19.863	244	3331765	78.863	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	152025	37.172	ng		96
3) Pyridine	3.675	79	352071	32.601	ng		91
4) n-Nitrosodimethylamine	3.581	42	154888	43.215	ng		76
6) Aniline	7.046	93	386110	32.636	ng		99
8) 2-Chlorophenol	7.281	128	405922	37.602	ng		98
9) Benzaldehyde	6.863	77	256922	39.230	ng		98
10) Phenol	6.922	94	466555	35.129	ng		90
11) bis(2-Chloroethyl)ether	7.140	93	372008	34.764	ng		98
12) 1,3-Dichlorobenzene	7.593	146	437986	37.686	ng		98
13) 1,4-Dichlorobenzene	7.740	146	446429	37.859	ng		99
14) 1,2-Dichlorobenzene	8.057	146	426358	37.444	ng		98
15) Benzyl Alcohol	7.946	79	322385	37.653	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	400895	34.660	ng		100
17) 2-Methylphenol	8.152	107	318132	37.028	ng		96
18) Hexachloroethane	8.769	117	166638	39.103	ng		97
19) n-Nitroso-di-n-propyla...	8.504	70	283547	34.618	ng		94
20) 3+4-Methylphenols	8.481	107	431759	36.217	ng		98
22) Acetophenone	8.522	105	596779	38.145	ng	#	97
24) Nitrobenzene	8.893	77	424708	38.728	ng		98
25) Isophorone	9.416	82	743899	37.074	ng		98
26) 2-Nitrophenol	9.599	139	227996	42.484	ng		96
27) 2,4-Dimethylphenol	9.663	122	259698	38.539	ng		97
28) bis(2-Chloroethoxy)met...	9.893	93	480141	35.422	ng		98
29) 2,4-Dichlorophenol	10.140	162	374212	40.729	ng		98
30) 1,2,4-Trichlorobenzene	10.340	180	397310	40.360	ng		99
31) Naphthalene	10.522	128	1282685	38.523	ng		99
32) Benzoic acid	9.822	122	286904m	36.540	ng		
33) 4-Chloroaniline	10.646	127	440508	37.567	ng		99
34) Hexachlorobutadiene	10.804	225	248860	43.020	ng		99
35) Caprolactam	11.440	113	127992	37.754	ng		97
36) 4-Chloro-3-methylphenol	11.781	107	424537	39.670	ng		100
37) 2-Methylnaphthalene	12.134	142	875375	37.908	ng		97
38) 1-Methylnaphthalene	12.357	142	852533	37.739	ng		98
40) 1,2,4,5-Tetrachloroben...	12.510	216	443546	41.672	ng		100
41) Hexachlorocyclopentadiene	12.487	237	154429	41.024	ng		99
43) 2,4,6-Trichlorophenol	12.757	196	296235	41.862	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

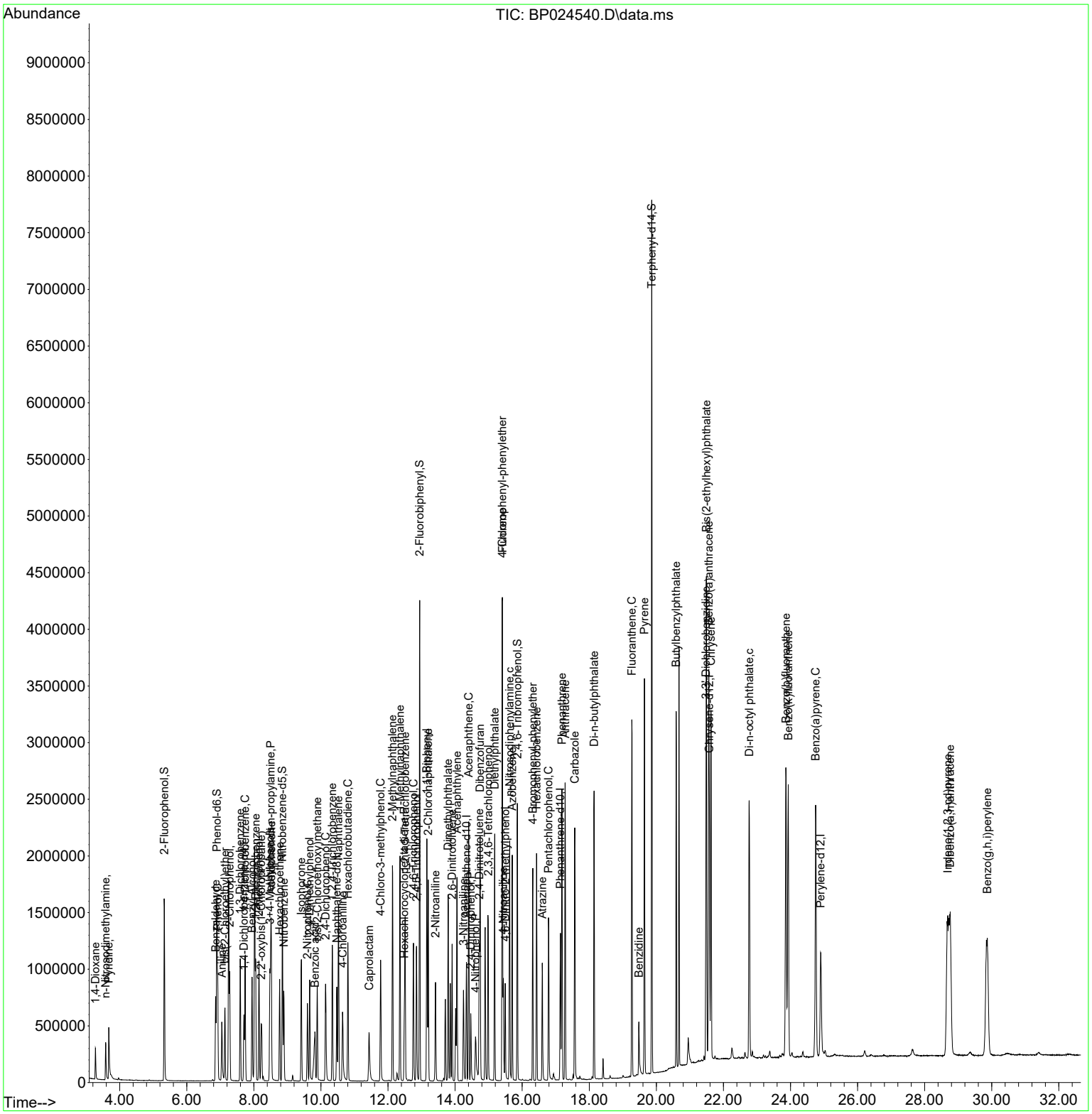
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	327050	41.735	ng		99
46) 1,1'-Biphenyl	13.157	154	1118780	39.325	ng		99
47) 2-Chloronaphthalene	13.198	162	844443	39.714	ng		98
48) 2-Nitroaniline	13.416	65	249517	41.835	ng		94
49) Acenaphthylene	14.057	152	1290957	38.563	ng		99
50) Dimethylphthalate	13.792	163	1079826	38.365	ng		100
51) 2,6-Dinitrotoluene	13.910	165	241315	40.375	ng		93
52) Acenaphthene	14.404	154	806835	38.017	ng		100
53) 3-Nitroaniline	14.251	138	240113	38.224	ng		100
54) 2,4-Dinitrophenol	14.469	184	137626	39.091	ng		88
55) Dibenzofuran	14.745	168	1305830	37.642	ng		95
56) 4-Nitrophenol	14.610	139	189138m	34.863	ng		
57) 2,4-Dinitrotoluene	14.722	165	337968	41.453	ng		98
58) Fluorene	15.410	166	1043749	38.866	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.986	232	290927	40.253	ng		97
60) Diethylphthalate	15.181	149	1135541	39.149	ng		100
61) 4-Chlorophenyl-phenyle...	15.404	204	520251	39.894	ng		96
62) 4-Nitroaniline	15.439	138	260176	39.125	ng		87
63) Azobenzene	15.704	77	994386	37.300	ng		96
65) 4,6-Dinitro-2-methylph...	15.498	198	190456	39.598	ng		95
66) n-Nitrosodiphenylamine	15.628	169	877896	38.554	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	347590	41.659	ng		98
68) Hexachlorobenzene	16.428	284	422786	42.643	ng		98
69) Atrazine	16.598	200	213423	36.800	ng		98
70) Pentachlorophenol	16.786	266	290763	42.038	ng		99
71) Phenanthrene	17.186	178	1580153	37.968	ng		99
72) Anthracene	17.280	178	1574277	39.248	ng		100
73) Carbazole	17.569	167	1521439	38.820	ng		98
74) Di-n-butylphthalate	18.145	149	1988010	40.715	ng		100
75) Fluoranthene	19.269	202	1955487	39.506	ng		98
77) Benzidine	19.480	184	335953	31.123	ng		98
78) Pyrene	19.645	202	1987447	36.725	ng		100
80) Butylbenzylphthalate	20.592	149	928290	40.047	ng		99
81) Benzo(a)anthracene	21.563	228	2042490	38.589	ng		100
82) 3,3'-Dichlorobenzidine	21.480	252	733143	39.464	ng		99
83) Chrysene	21.627	228	1954651	38.547	ng		99
84) Bis(2-ethylhexyl)phtha...	21.492	149	1356524	39.920	ng		100
85) Di-n-octyl phthalate	22.768	149	2338603	42.333	ng		100
87) Indeno(1,2,3-cd)pyrene	28.686	276	2760648	39.427	ng	#	69
88) Benzo(b)fluoranthene	23.862	252	2338497m	38.682	ng		
89) Benzo(k)fluoranthene	23.933	252	2156128	36.923	ng		98
90) Benzo(a)pyrene	24.751	252	2020791	38.752	ng		98
91) Dibenzo(a,h)anthracene	28.762	278	2265399	38.980	ng		98
92) Benzo(g,h,i)perylene	29.868	276	2312588m	39.093	ng		

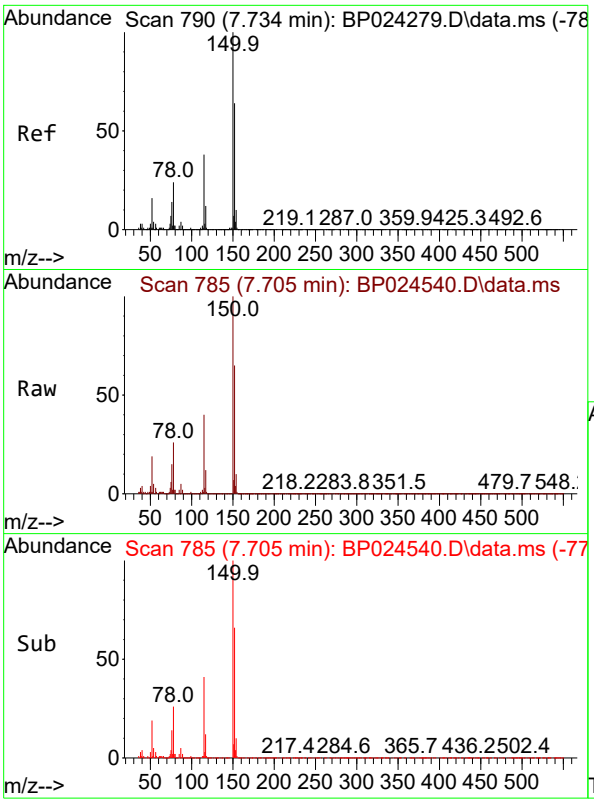
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



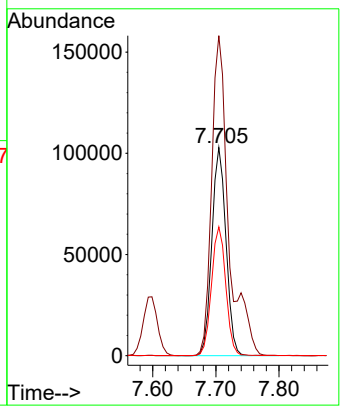


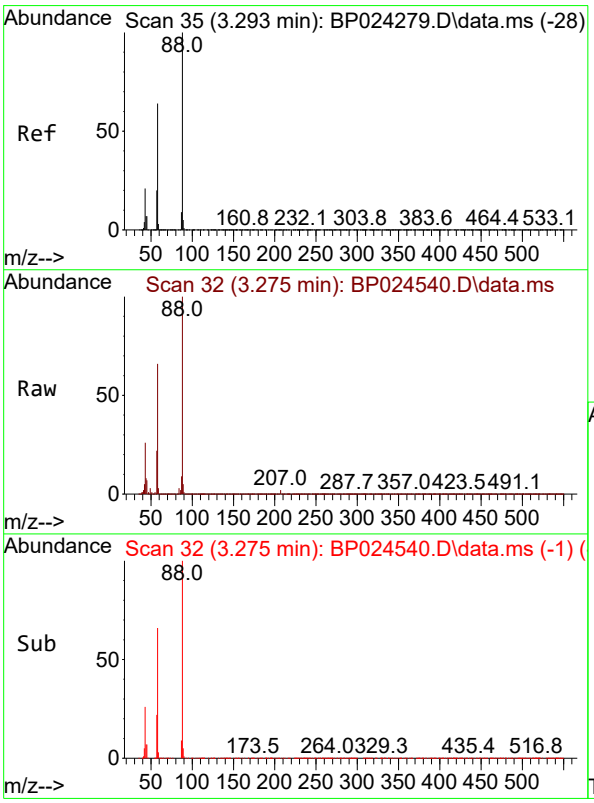
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 159873

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.9	187.3
115	61.8	47.7	71.5

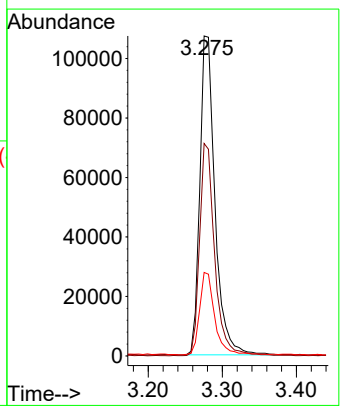


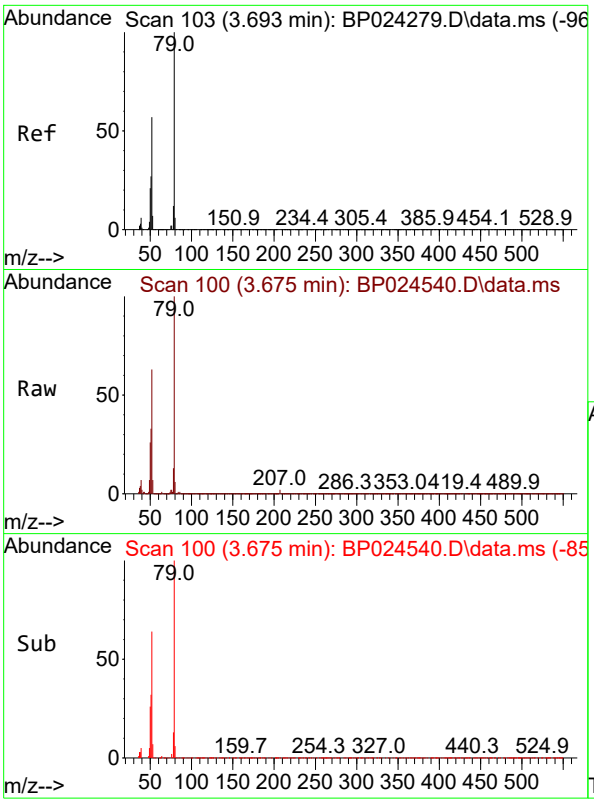


#2
1,4-Dioxane
Concen: 37.172 ng
RT: 3.275 min Scan# 32
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 88 Resp: 152025

Ion	Ratio	Lower	Upper
88	100		
58	66.3	51.4	77.2
43	25.6	17.1	25.7



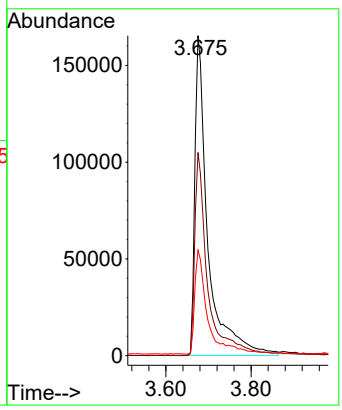


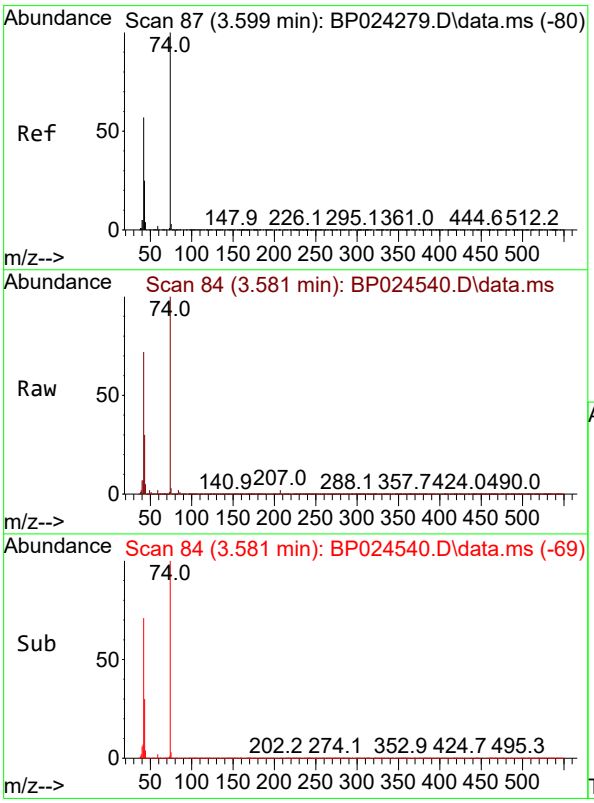
#3
Pyridine
Concen: 32.601 ng
RT: 3.675 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 352071

Ion	Ratio	Lower	Upper
79	100		
52	63.5	45.4	68.2
51	33.0	22.6	33.8

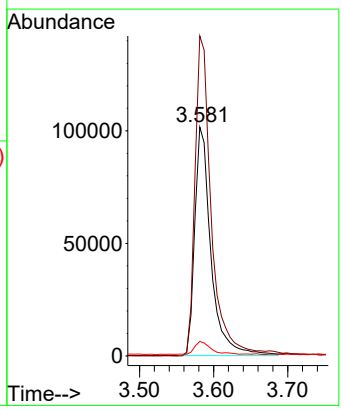


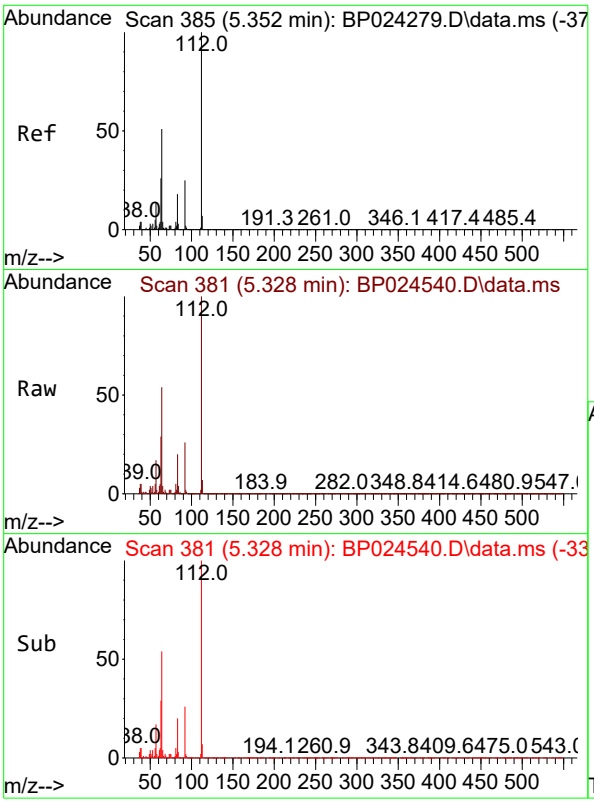


#4
n-Nitrosodimethylamine
Concen: 43.215 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 42 Resp: 154888

Ion	Ratio	Lower	Upper
42	100		
74	139.7	139.5	209.3
44	6.4	5.8	8.8



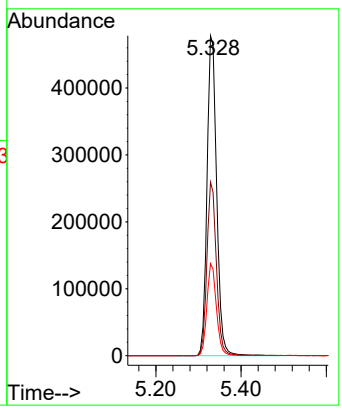


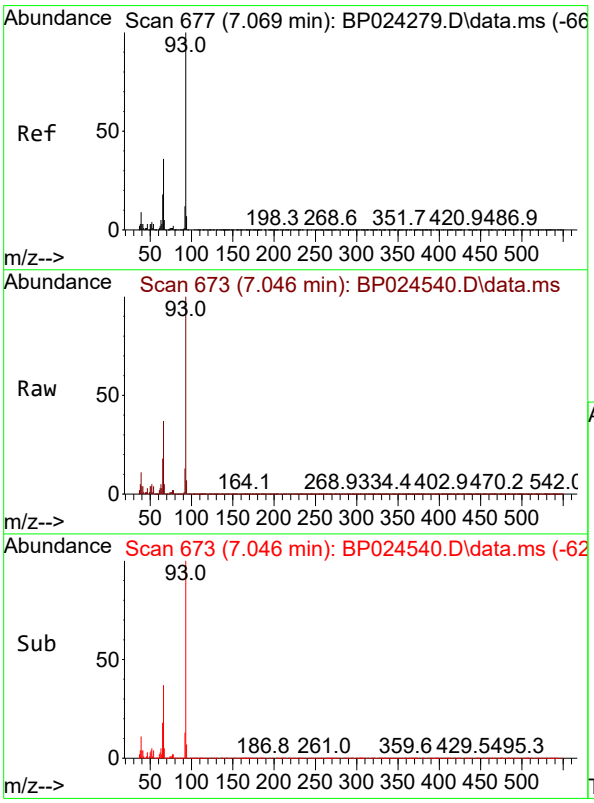
#5
2-Fluorophenol
Concen: 77.338 ng
RT: 5.328 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 747784

Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.1	61.7
63	28.8	20.6	30.8

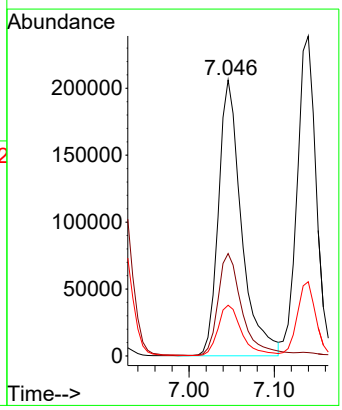


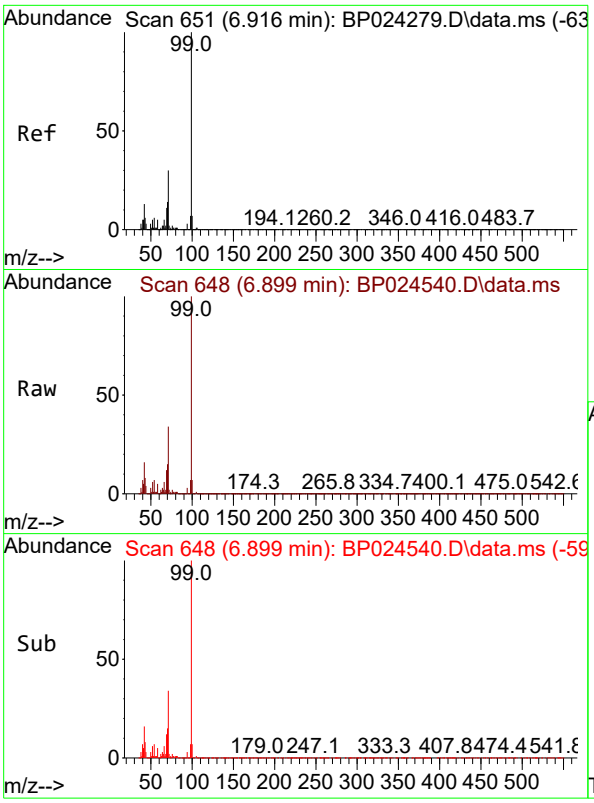


#6
Aniline
Concen: 32.636 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 93 Resp: 386110

Ion	Ratio	Lower	Upper
93	100		
66	37.1	29.1	43.7
65	18.4	14.7	22.1



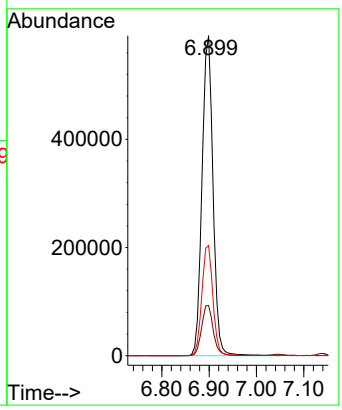


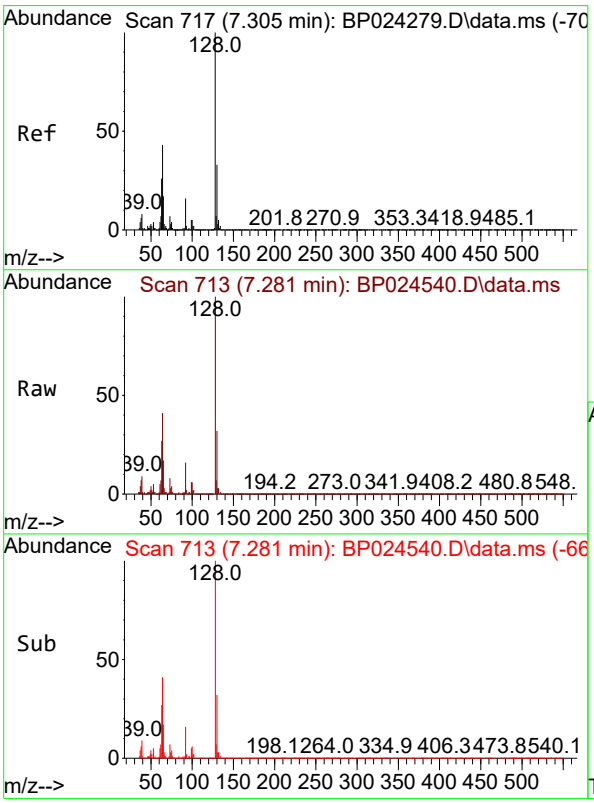
#7
Phenol-d6
Concen: 71.968 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 952824

Ion	Ratio	Lower	Upper
99	100		
42	15.7	10.6	16.0
71	34.4	23.7	35.5

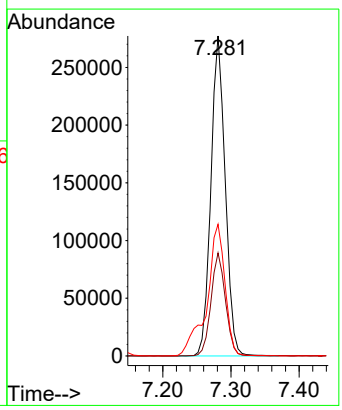


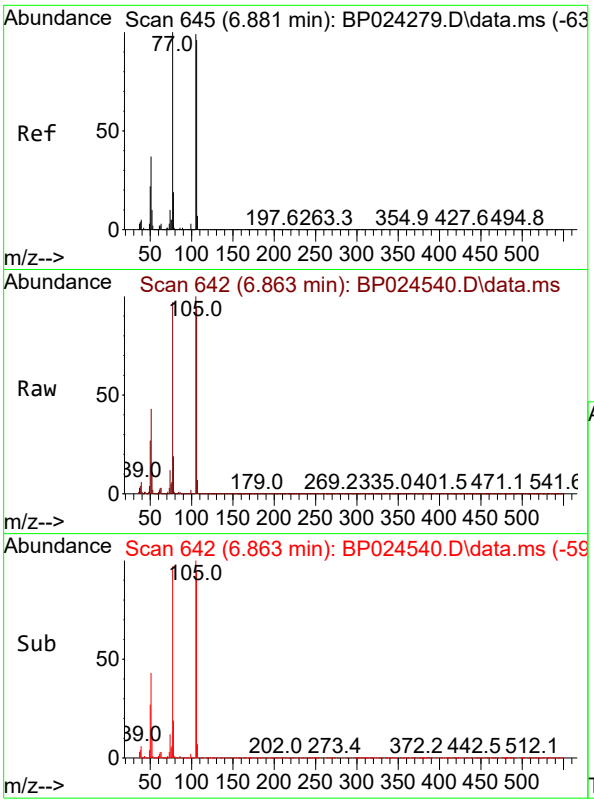


#8
2-Chlorophenol
Concen: 37.602 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:128 Resp: 405922

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	41.2	22.7	62.7



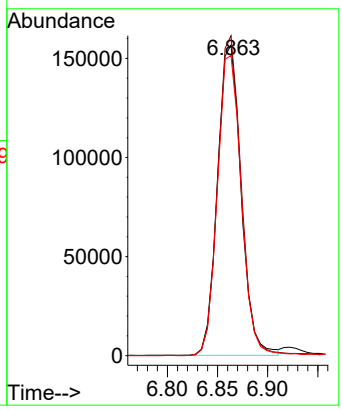


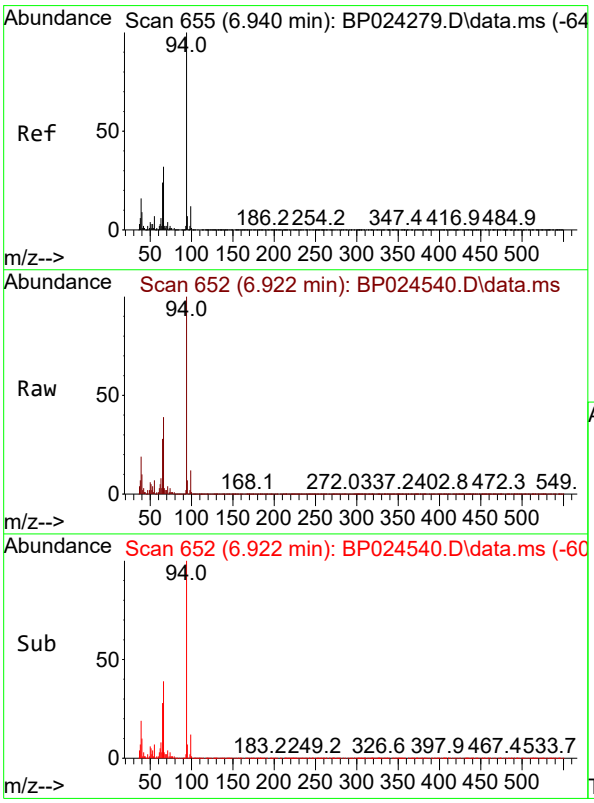
#9
Benzaldehyde
Concen: 39.230 ng
RT: 6.863 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 256922

Ion	Ratio	Lower	Upper
77	100		
105	103.0	79.2	119.2
106	96.6	76.2	116.2

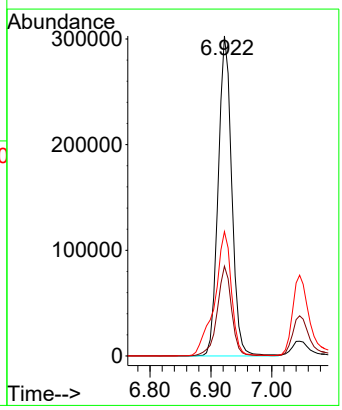


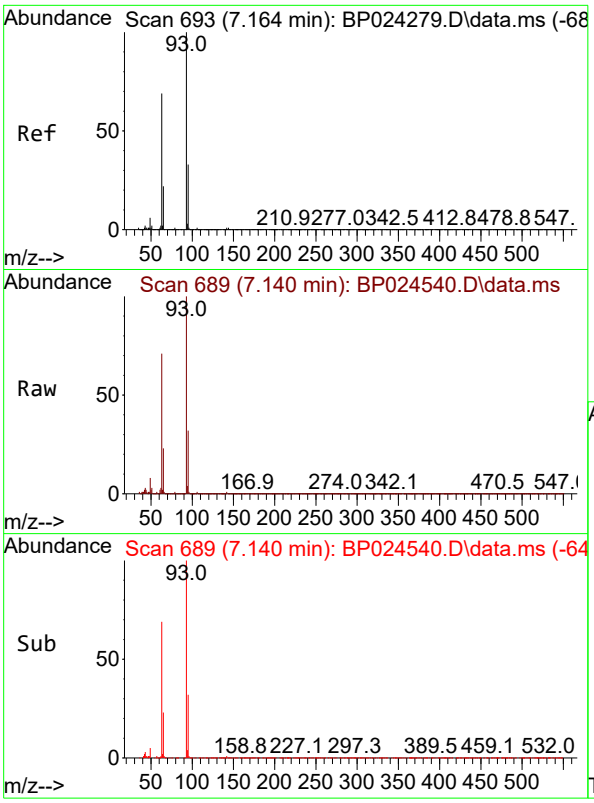


#10
Phenol
Concen: 35.129 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 94 Resp: 466555

Ion	Ratio	Lower	Upper
94	100		
65	28.0	4.5	44.5
66	38.8	12.4	52.4



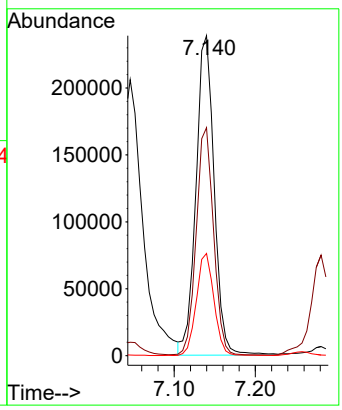


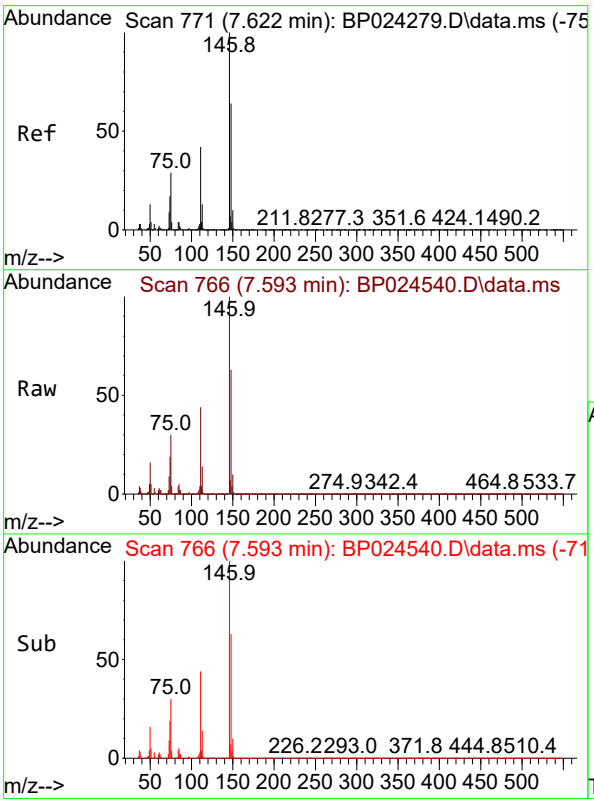
#11
bis(2-Chloroethyl)ether
Concen: 34.764 ng
RT: 7.140 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 372008

Ion	Ratio	Lower	Upper
93	100		
63	71.3	48.6	88.6
95	32.0	12.3	52.3

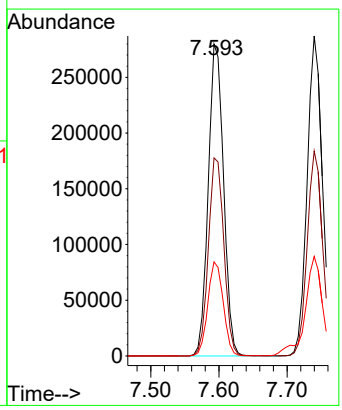


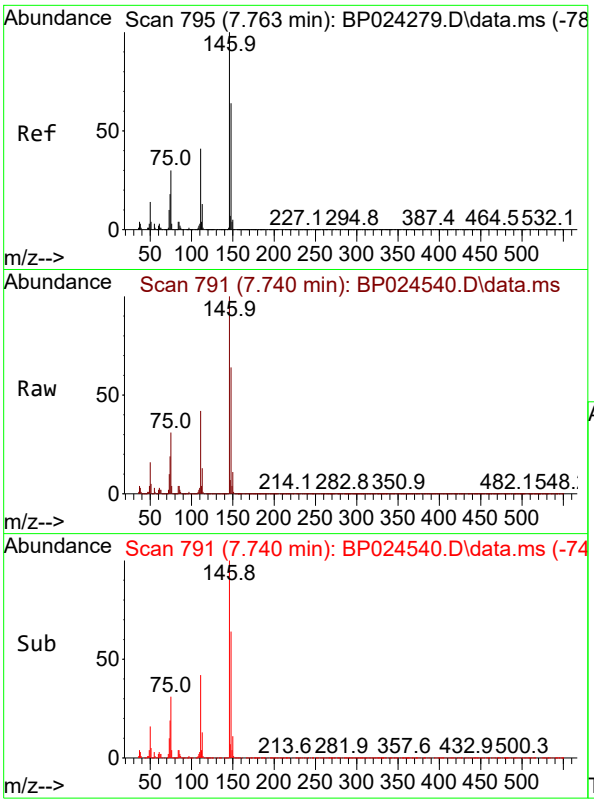


#12
1,3-Dichlorobenzene
Concen: 37.686 ng
RT: 7.593 min Scan# 766
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:146 Resp: 437986

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	30.2	22.9	34.3



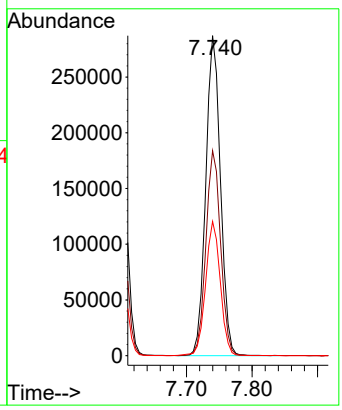


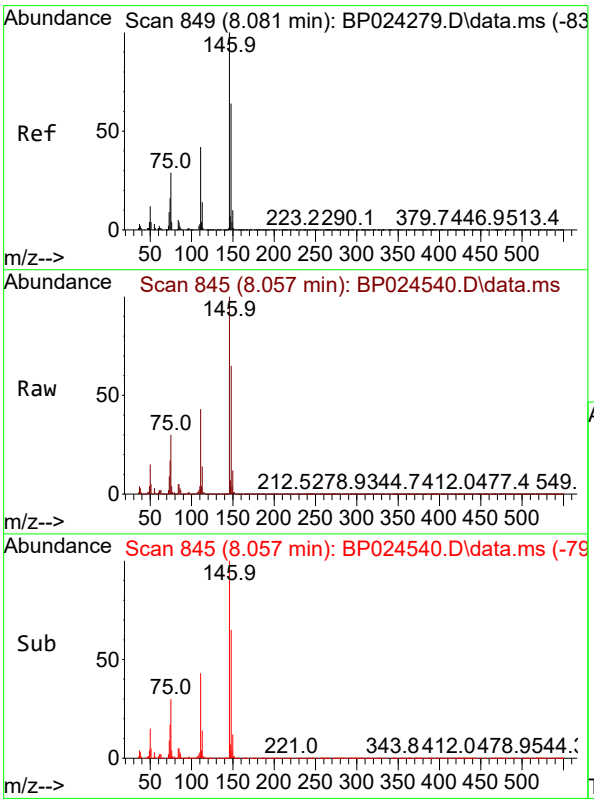
#13
1,4-Dichlorobenzene
Concen: 37.859 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 446429

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	42.0	32.6	48.8

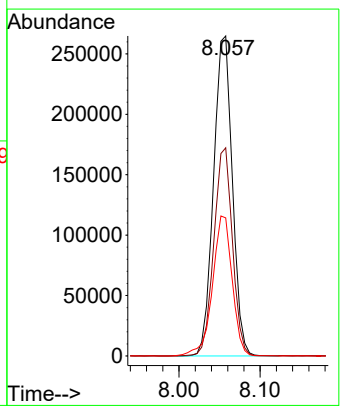


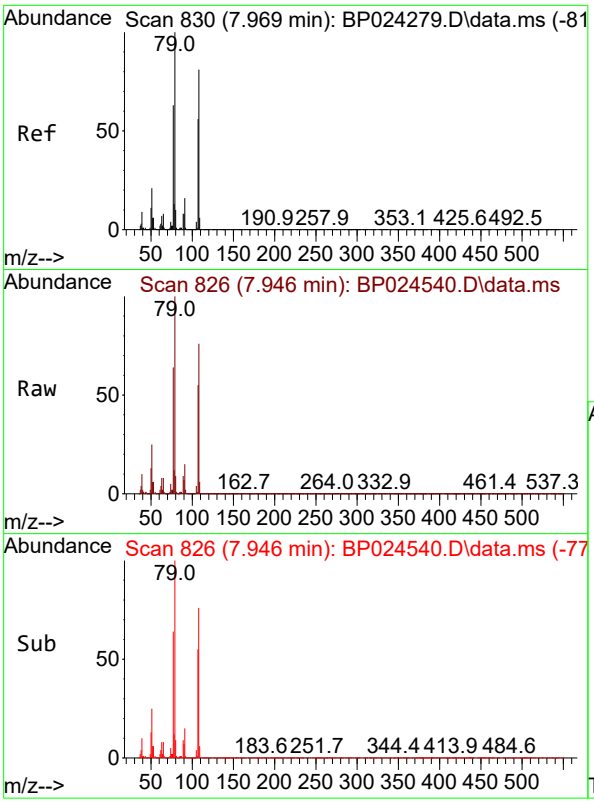


#14
1,2-Dichlorobenzene
Concen: 37.444 ng
RT: 8.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:146 Resp: 426358

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.4
111	43.1	33.8	50.8



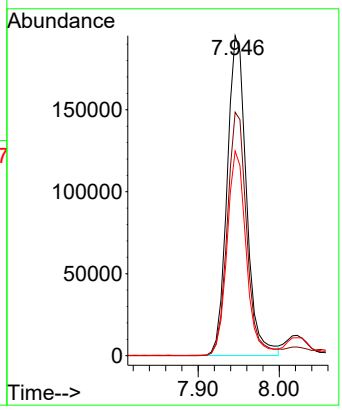


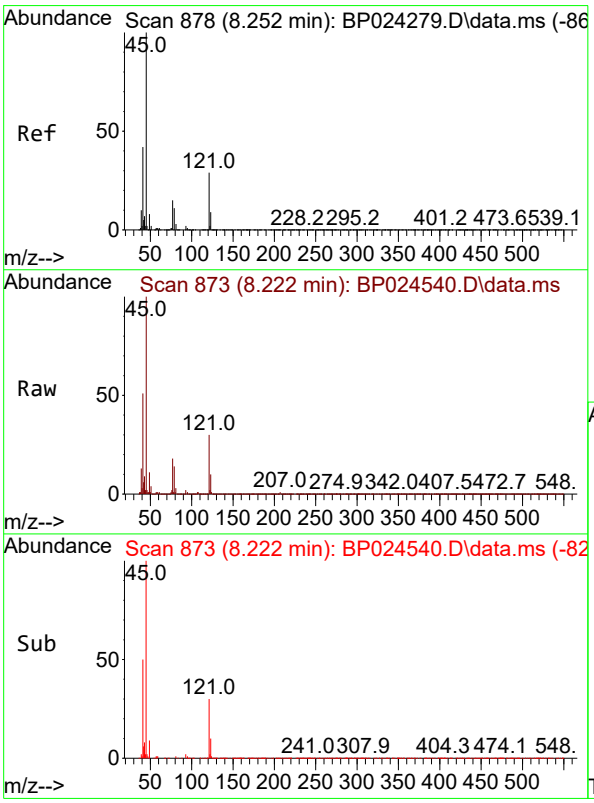
#15
Benzyl Alcohol
Concen: 37.653 ng
RT: 7.946 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 322385

Ion	Ratio	Lower	Upper
79	100		
108	76.1	65.1	97.7
77	64.0	50.7	76.1

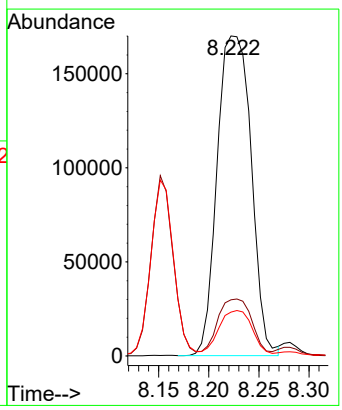


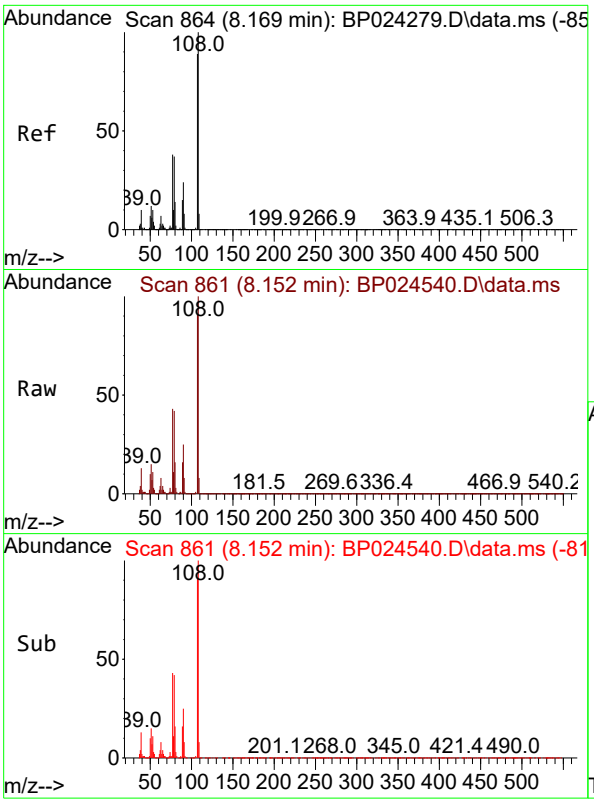


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.660 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 45 Resp: 400895

Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	37.7
79	13.7	0.0	33.5



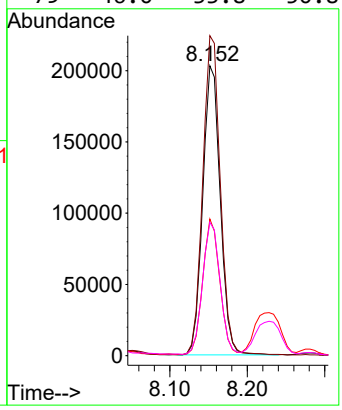


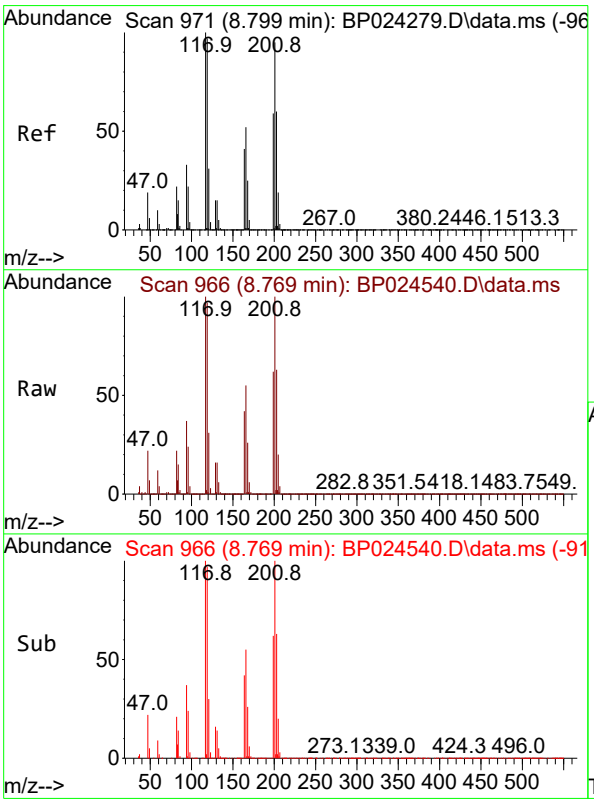
#17
2-Methylphenol
Concen: 37.028 ng
RT: 8.152 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 318132

Ion	Ratio	Lower	Upper
107	100		
108	110.3	89.8	134.6
77	47.1	34.2	51.4
79	46.0	33.8	50.8

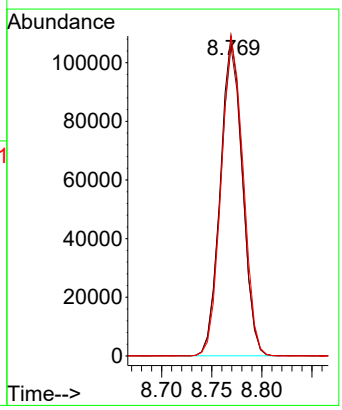


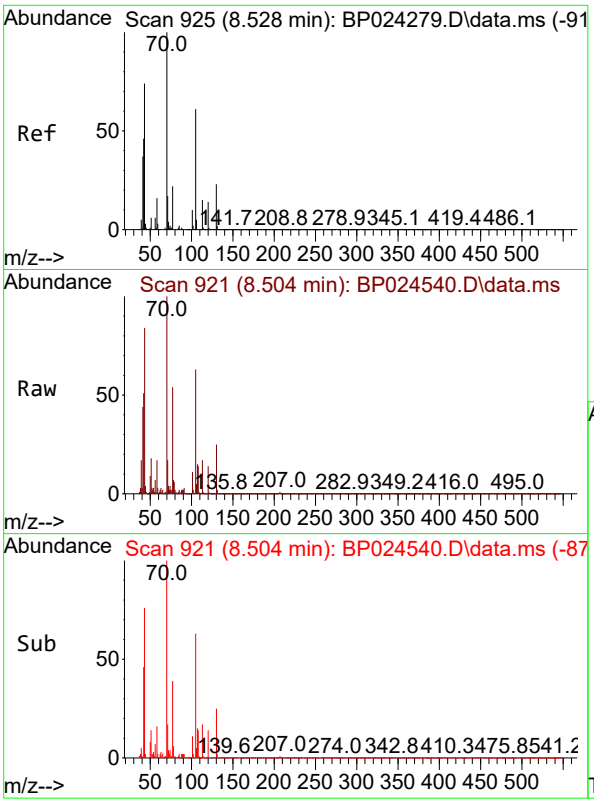


#18
Hexachloroethane
Concen: 39.103 ng
RT: 8.769 min Scan# 966
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:117 Resp: 166638

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.8	116.6
201	100.0	75.9	113.9



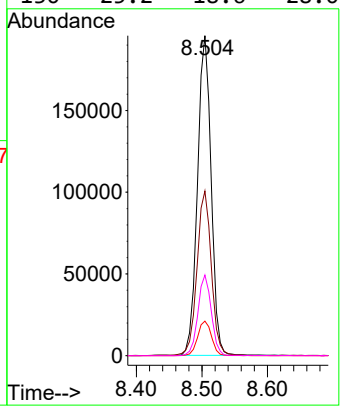


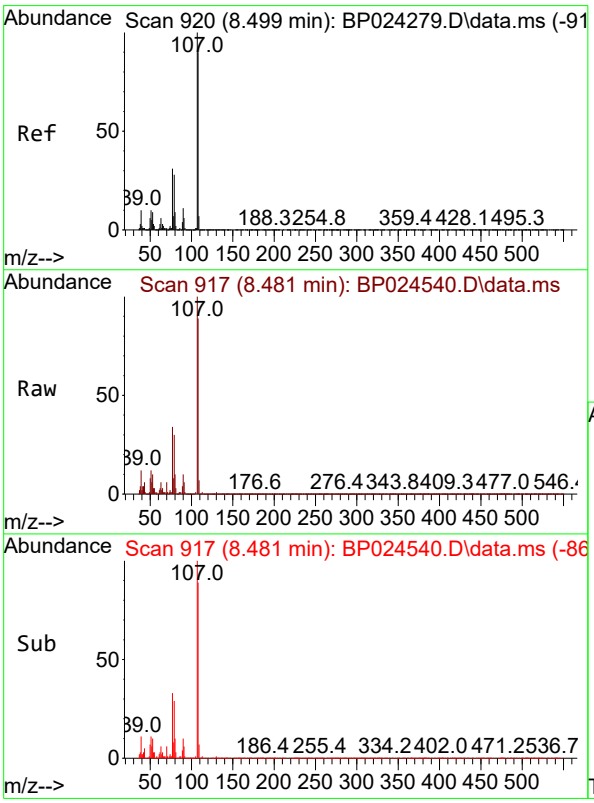
#19
n-Nitroso-di-n-propylamine
Concen: 34.618 ng
RT: 8.504 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 283547

Ion	Ratio	Lower	Upper
70	100		
42	51.5	37.3	55.9
101	10.8	8.2	12.4
130	25.2	18.6	28.0

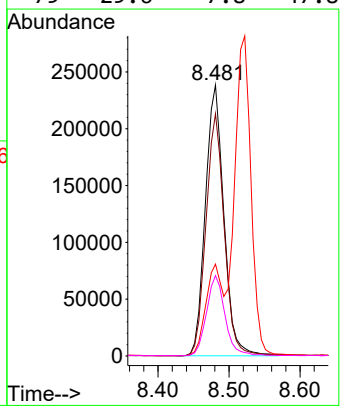


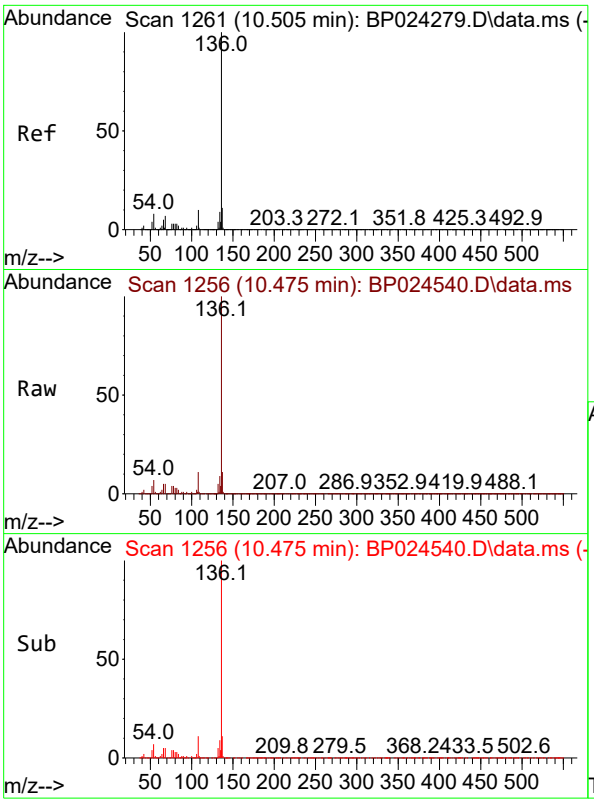


#20
3+4-Methylphenols
Concen: 36.217 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:107 Resp: 431759

Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.8	109.8
77	33.9	11.5	51.5
79	29.6	7.8	47.8



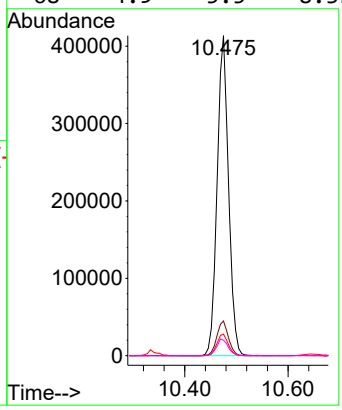


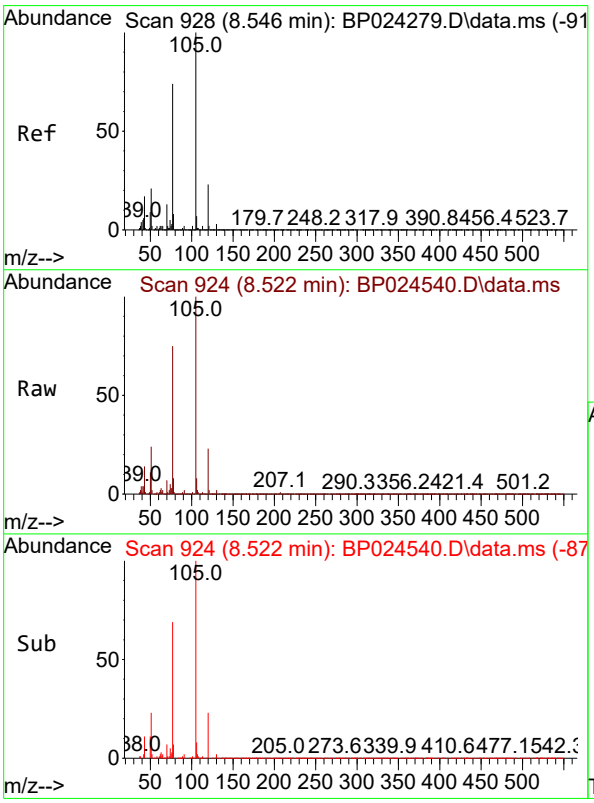
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 632107

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.7	6.0	9.0
68	4.9	5.5	8.3#

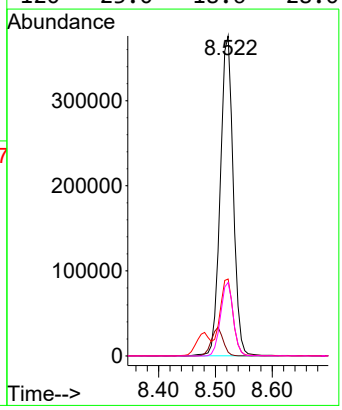


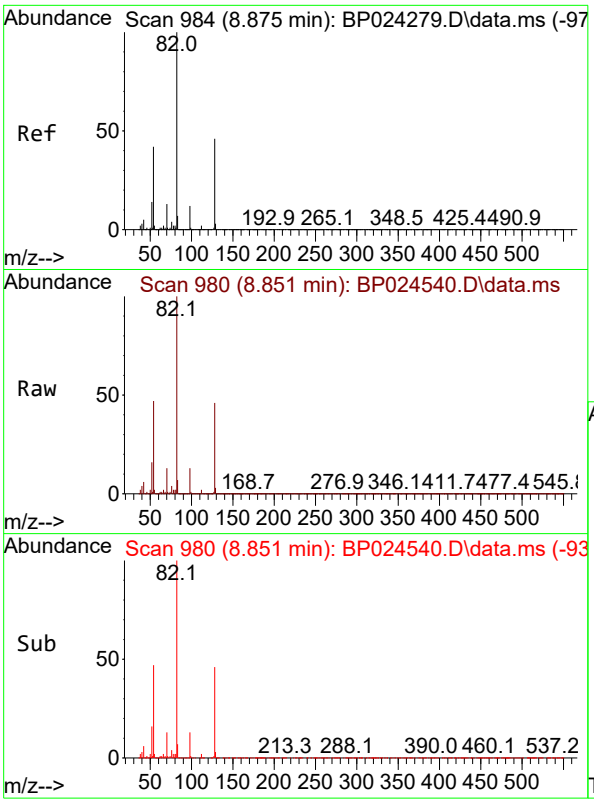


#22
Acetophenone
Concen: 38.145 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:105 Resp: 596779

Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.7	2.5#
51	24.1	16.9	25.3
120	23.0	18.6	28.0



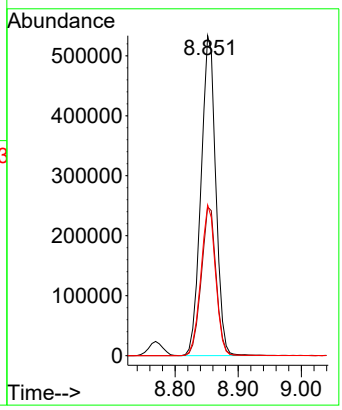


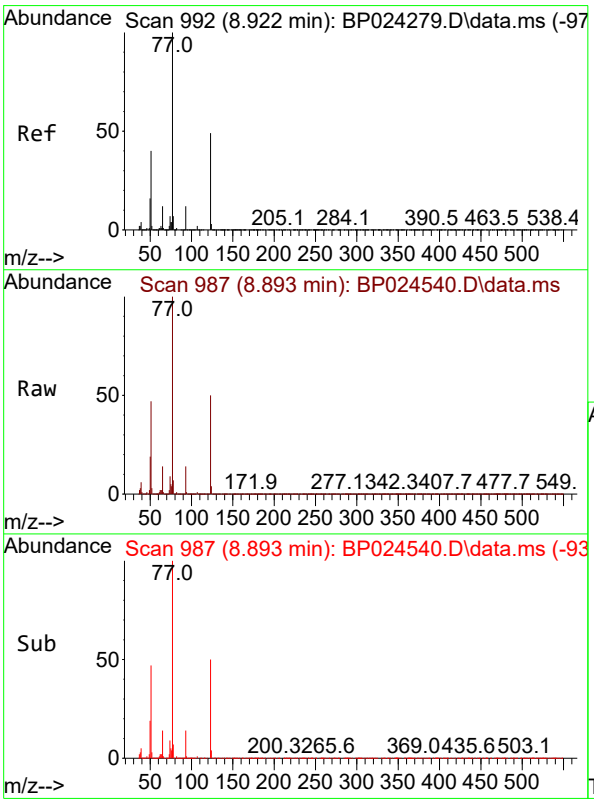
#23
Nitrobenzene-d5
Concen: 78.239 ng
RT: 8.851 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 867321

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	47.1	33.4	50.2

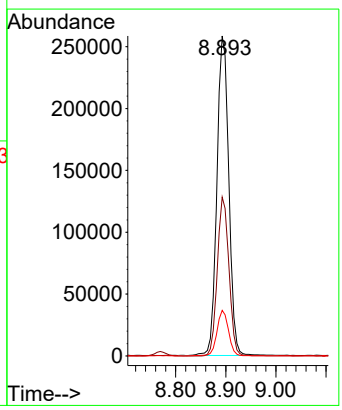


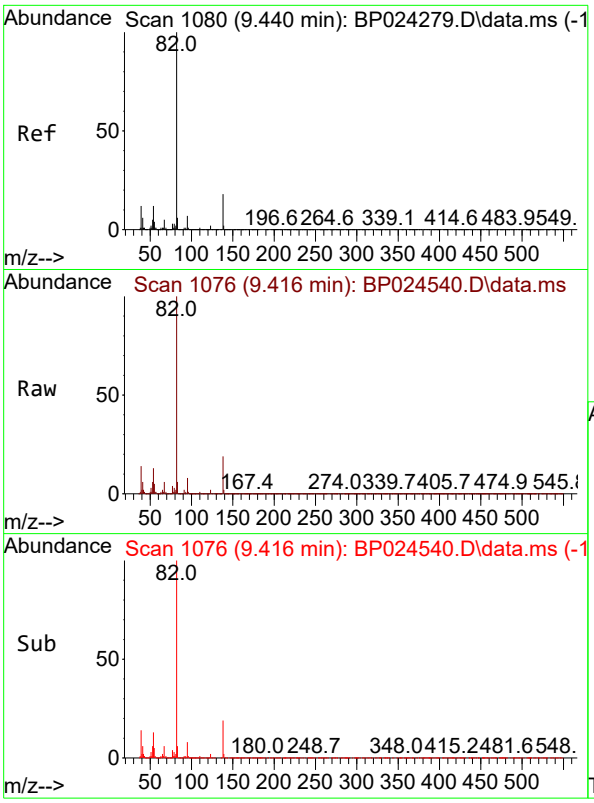


#24
Nitrobenzene
Concen: 38.728 ng
RT: 8.893 min Scan# 987
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 77 Resp: 424708

Ion	Ratio	Lower	Upper
77	100		
123	49.6	39.2	58.8
65	14.3	9.8	14.6



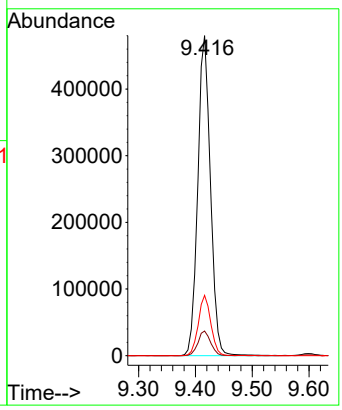


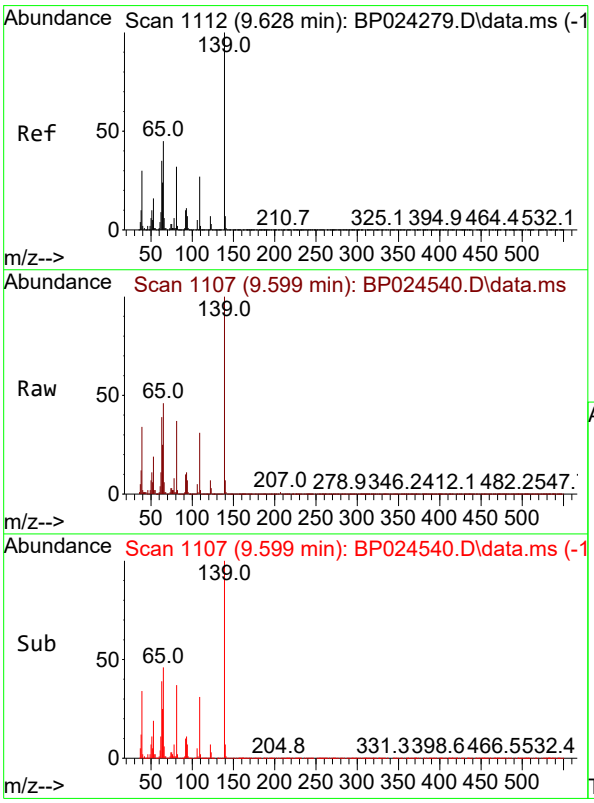
#25
Isophorone
Concen: 37.074 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 743899

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.4	8.2
138	18.9	14.4	21.6

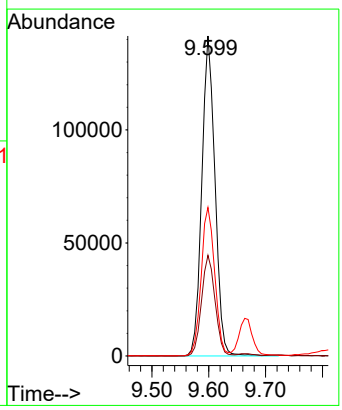


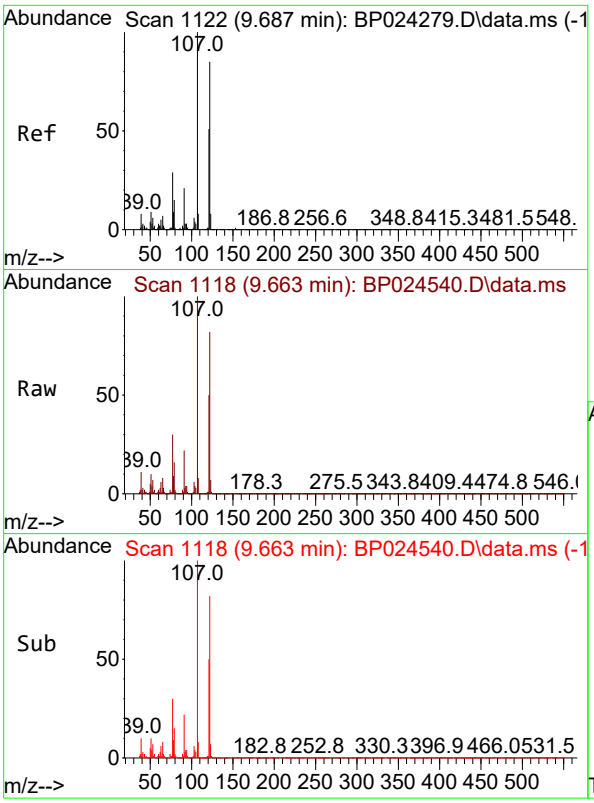


#26
2-Nitrophenol
Concen: 42.484 ng
RT: 9.599 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:139 Resp: 227996

Ion	Ratio	Lower	Upper
139	100		
109	31.4	21.8	32.6
65	46.4	36.2	54.2



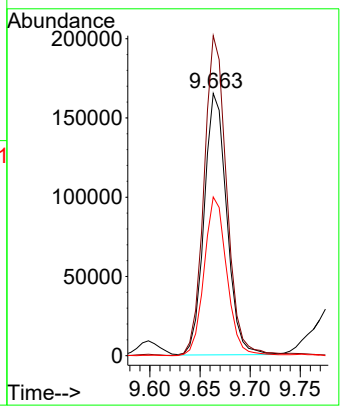


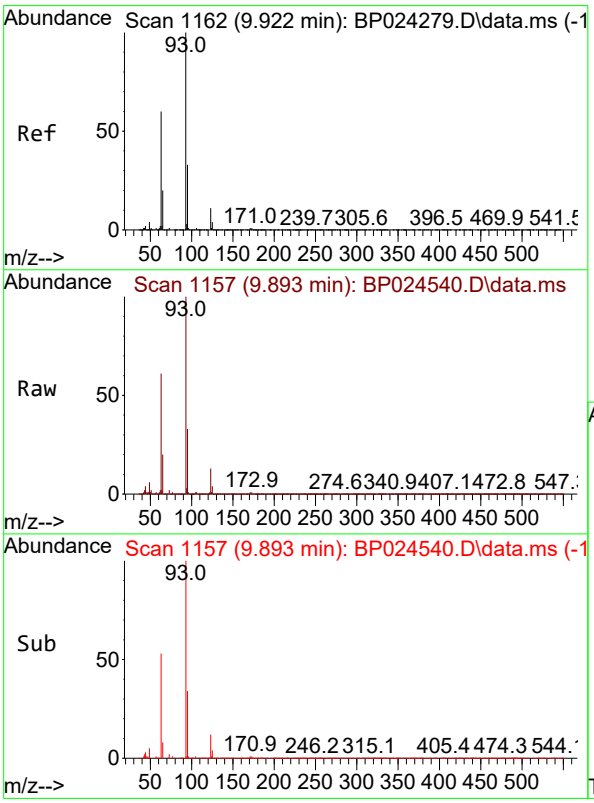
#27
2,4-Dimethylphenol
Concen: 38.539 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 259698

Ion	Ratio	Lower	Upper
122	100		
107	122.0	93.7	140.5
121	60.5	48.2	72.2

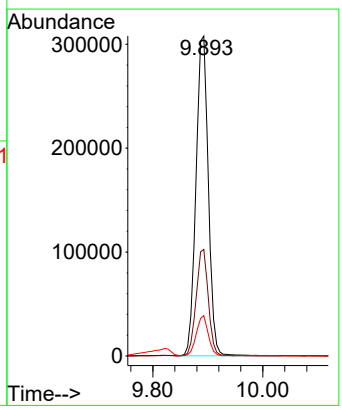


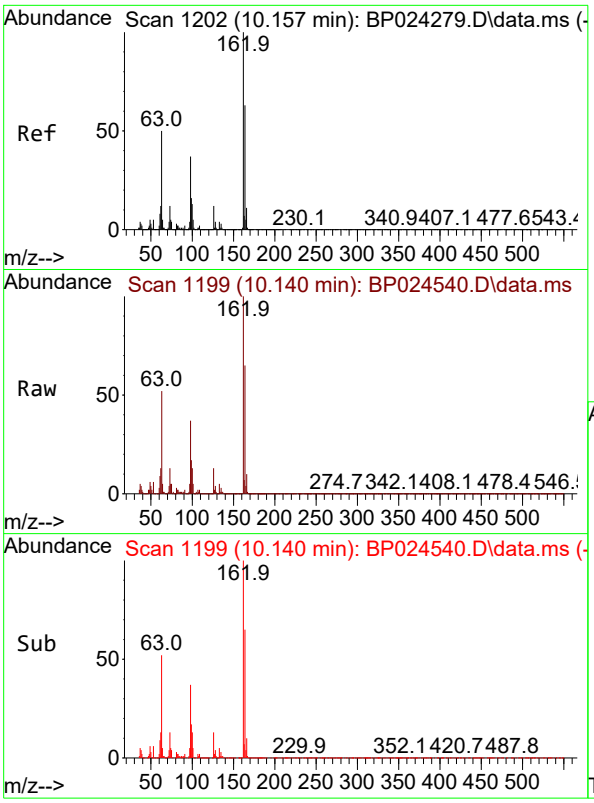


#28
bis(2-Chloroethoxy)methane
Concen: 35.422 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 93 Resp: 480141

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.0	39.0
123	12.6	9.1	13.7



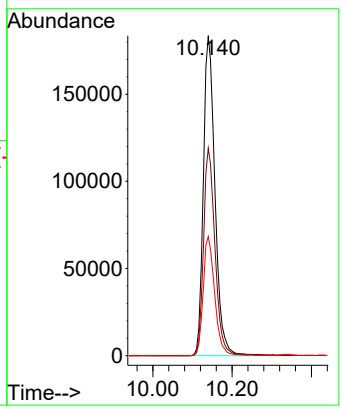


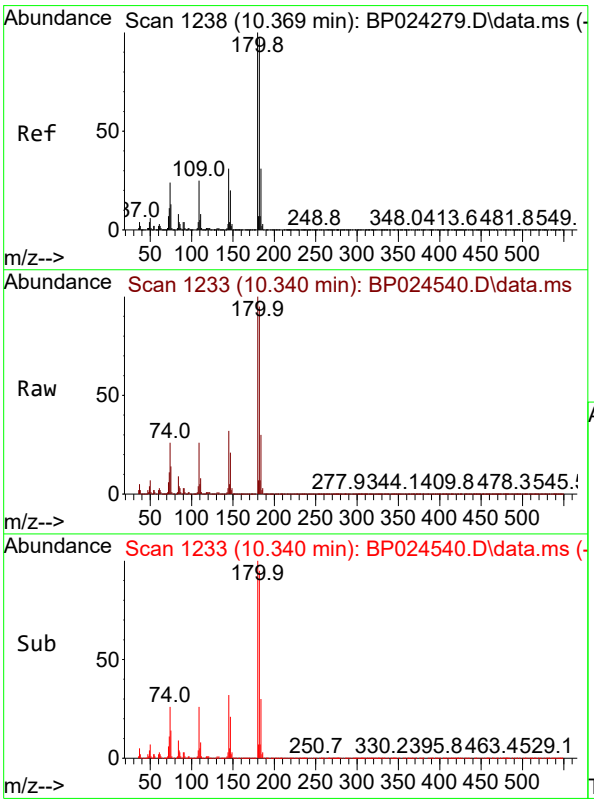
#29
2,4-Dichlorophenol
Concen: 40.729 ng
RT: 10.140 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 374212

Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.3	83.3
98	37.2	16.6	56.6

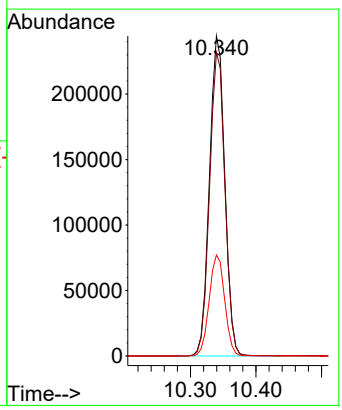


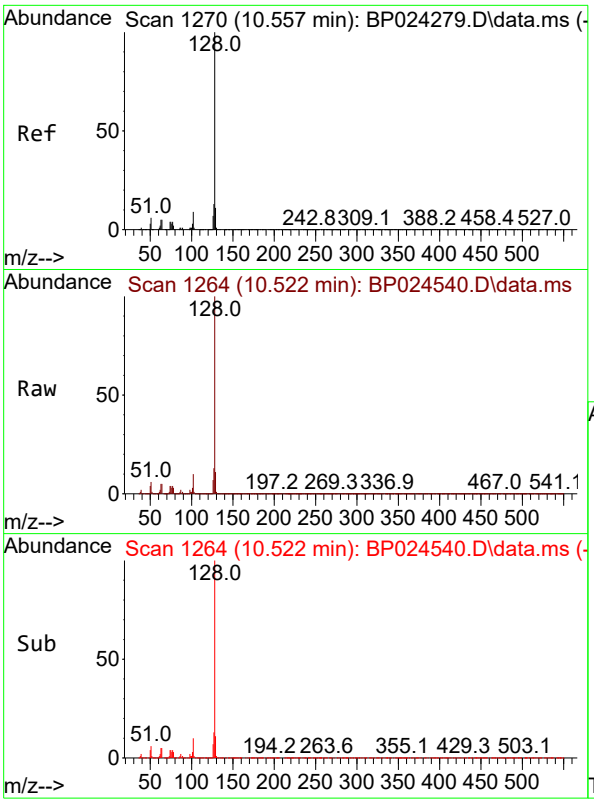


#30
1,2,4-Trichlorobenzene
Concen: 40.360 ng
RT: 10.340 min Scan# 1233
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:180 Resp: 397310

Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.3	115.9
145	31.6	25.1	37.7



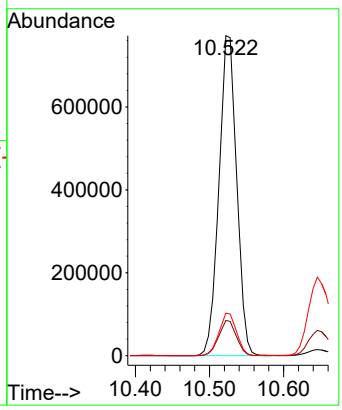


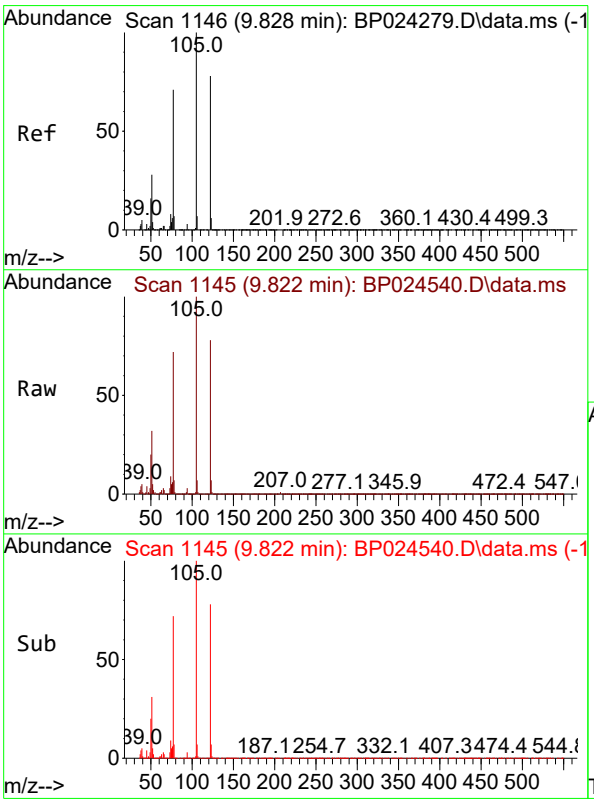
#31
Naphthalene
Concen: 38.523 ng
RT: 10.522 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1282685

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.3	10.3	15.5

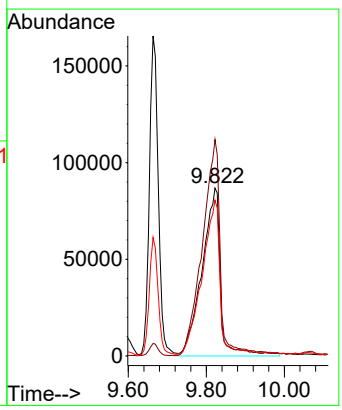


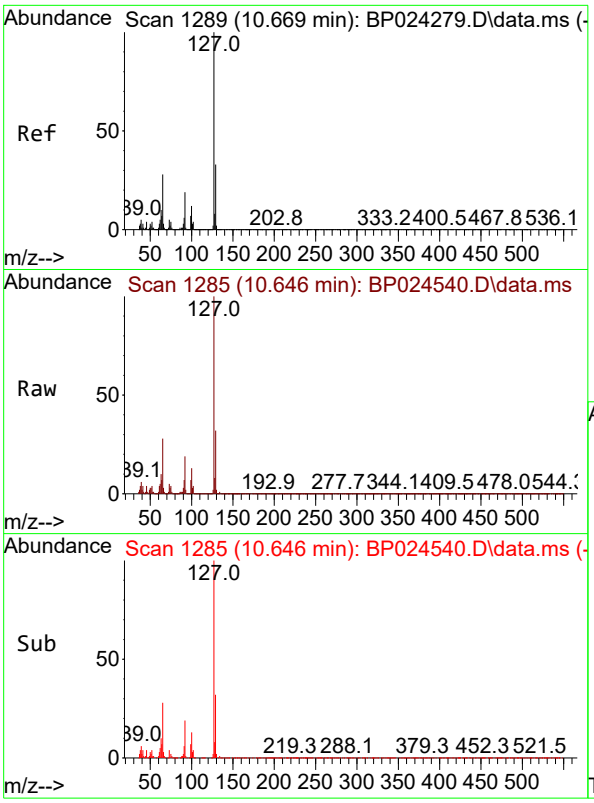


#32
Benzoic acid
Concen: 36.540 ng m
RT: 9.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:122 Resp: 286904

Ion	Ratio	Lower	Upper
122	100		
105	129.0	104.8	144.8
77	92.9	69.2	109.2



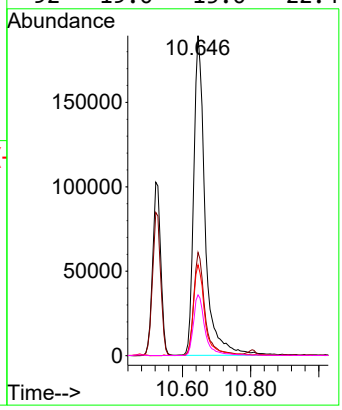


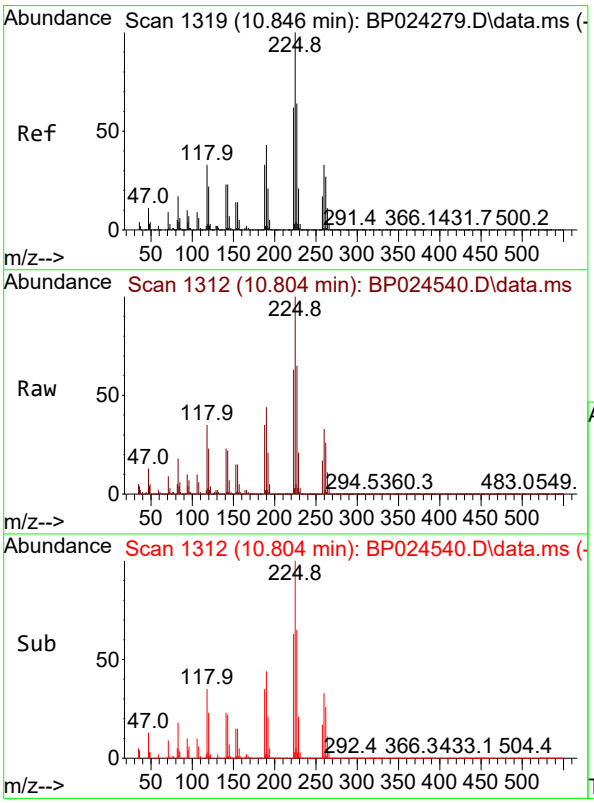
#33
4-Chloroaniline
Concen: 37.567 ng
RT: 10.646 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 440508

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	28.4	22.1	33.1
92	19.0	15.0	22.4

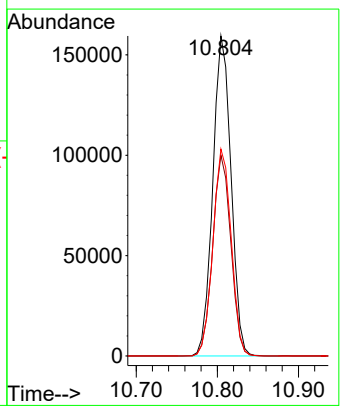


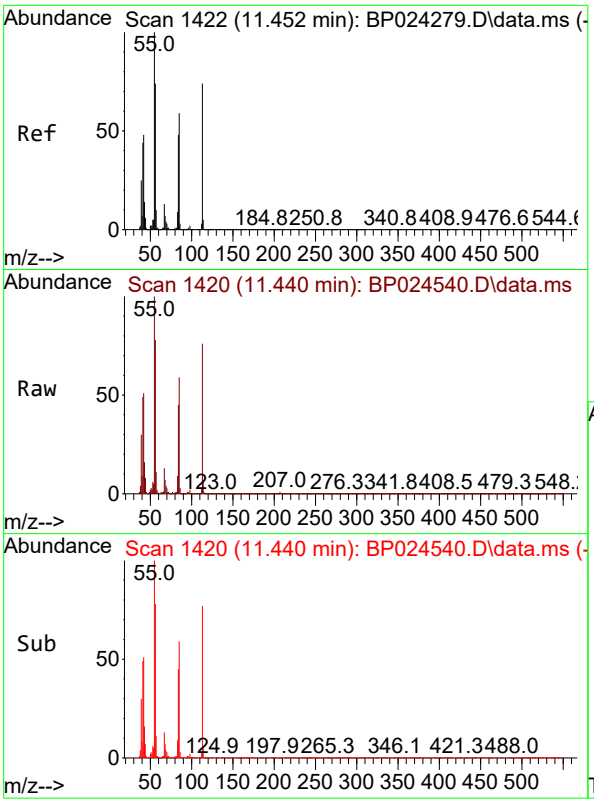


#34
Hexachlorobutadiene
Concen: 43.020 ng
RT: 10.804 min Scan# 1312
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:225 Resp: 248860

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.5	74.3
227	64.7	50.9	76.3



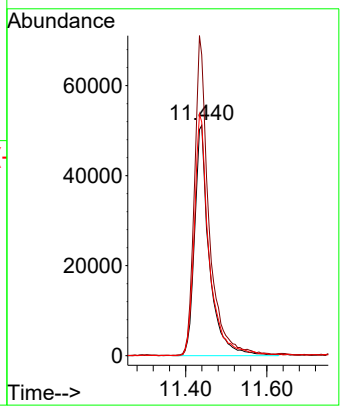


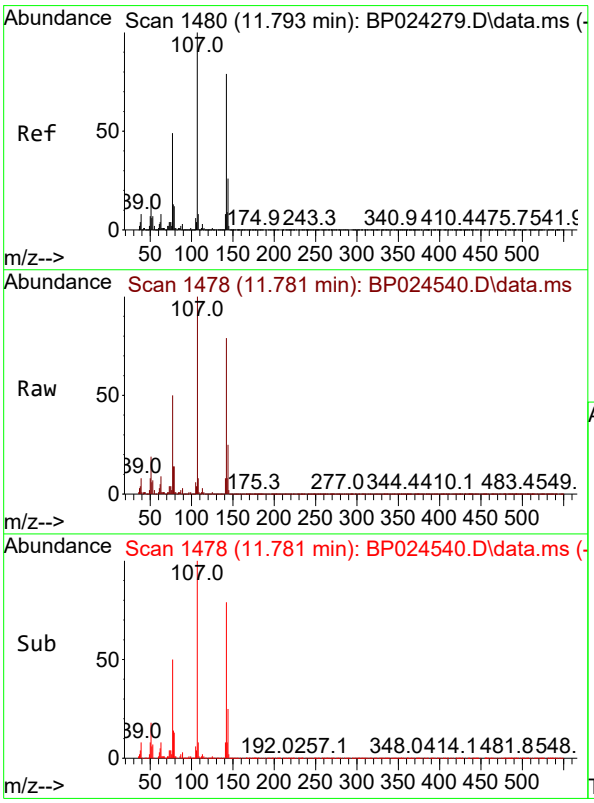
#35
Caprolactam
Concen: 37.754 ng
RT: 11.440 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 127992

Ion	Ratio	Lower	Upper
113	100		
55	130.7	115.9	155.9
56	101.5	81.1	121.1

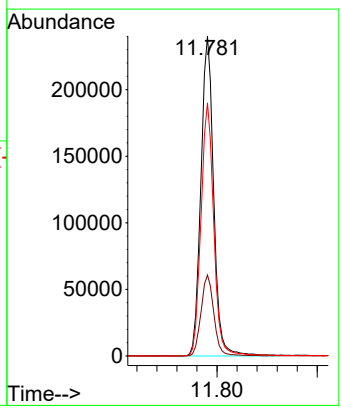


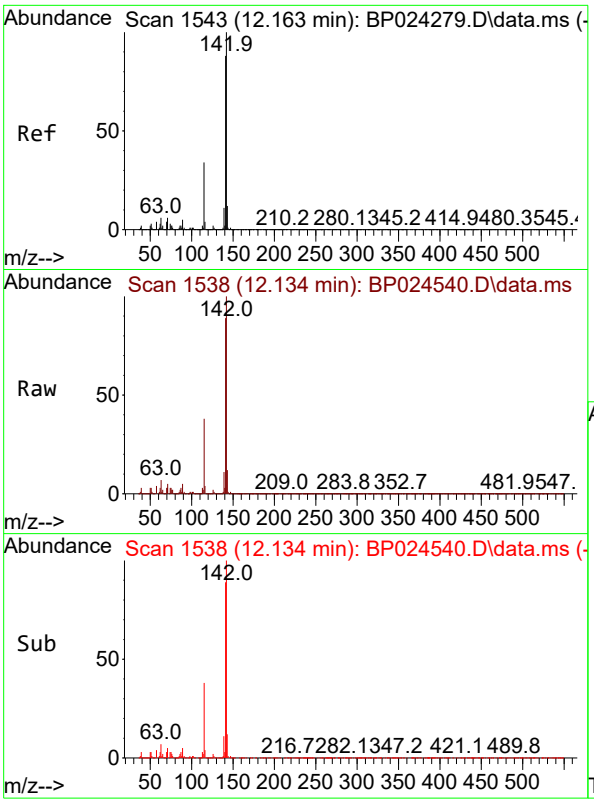


#36
4-Chloro-3-methylphenol
Concen: 39.670 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:107 Resp: 424537

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	79.1	63.4	95.2



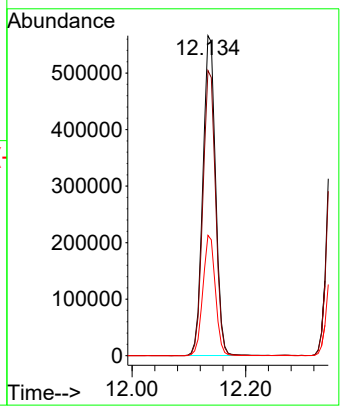


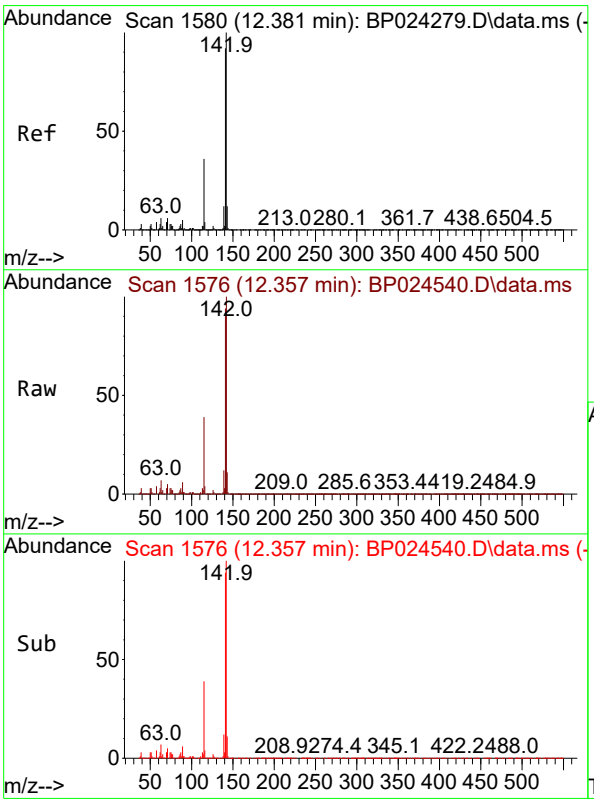
#37
2-Methylnaphthalene
Concen: 37.908 ng
RT: 12.134 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 875375

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	37.6	26.9	40.3

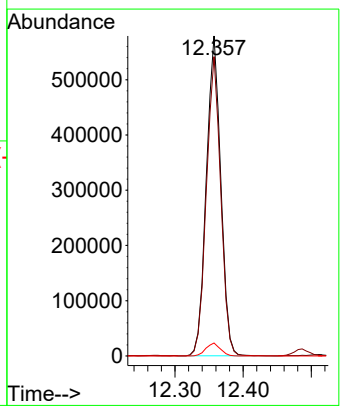


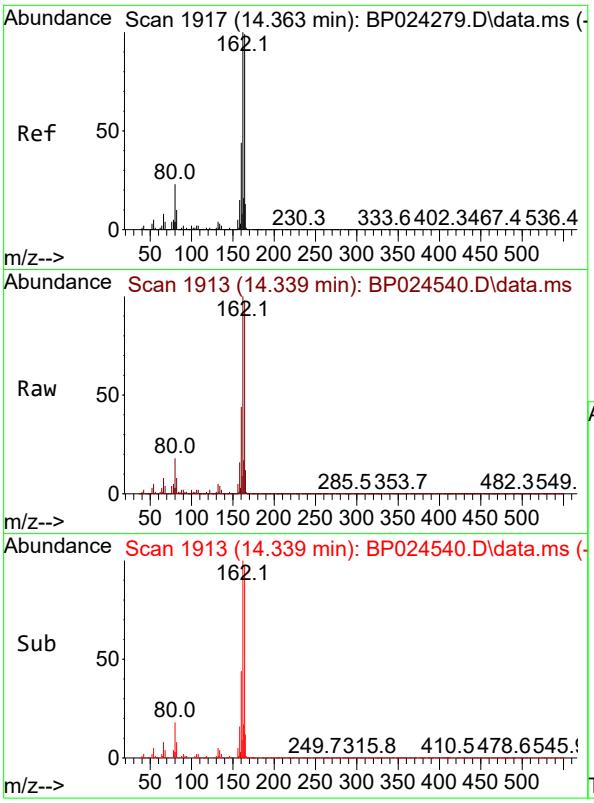


#38
1-Methylnaphthalene
Concen: 37.739 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:142 Resp: 852533

Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.6	110.4
116	4.1	3.0	4.6



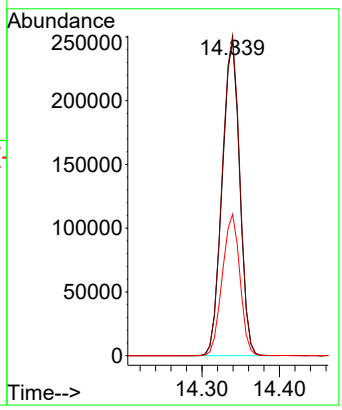


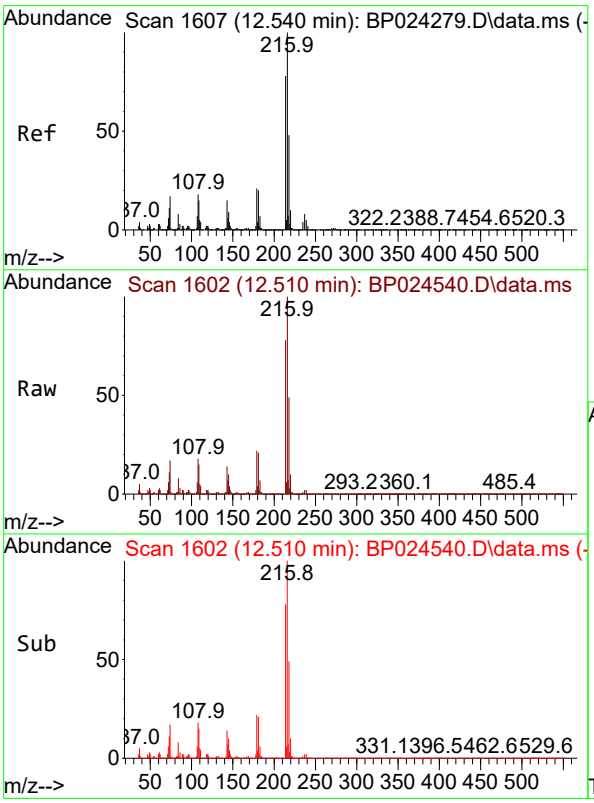
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 387042

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	45.0	35.3	52.9

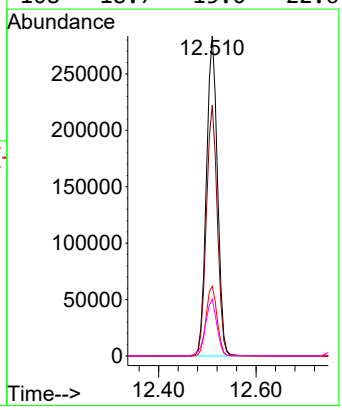


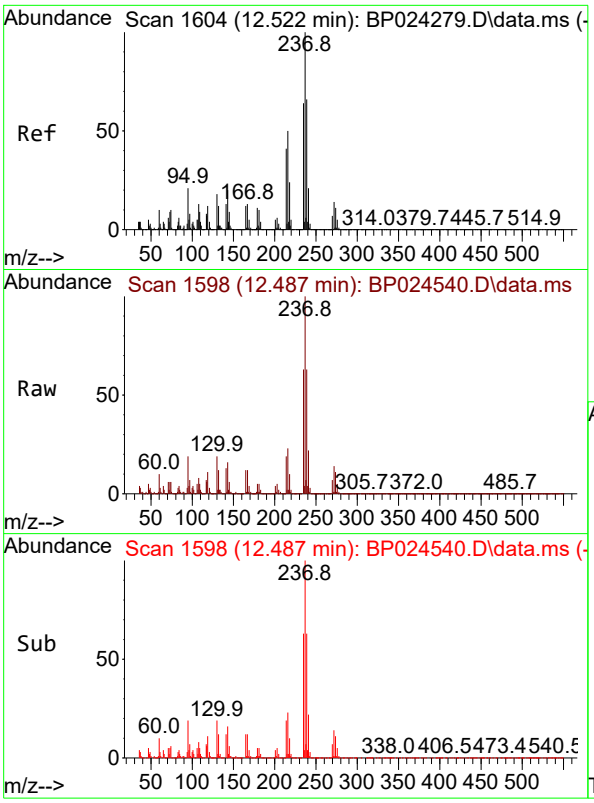


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.672 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:216 Resp: 443546

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	93.8
179	21.8	17.2	25.8
108	18.7	15.0	22.6



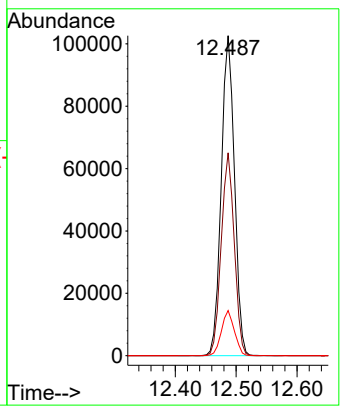


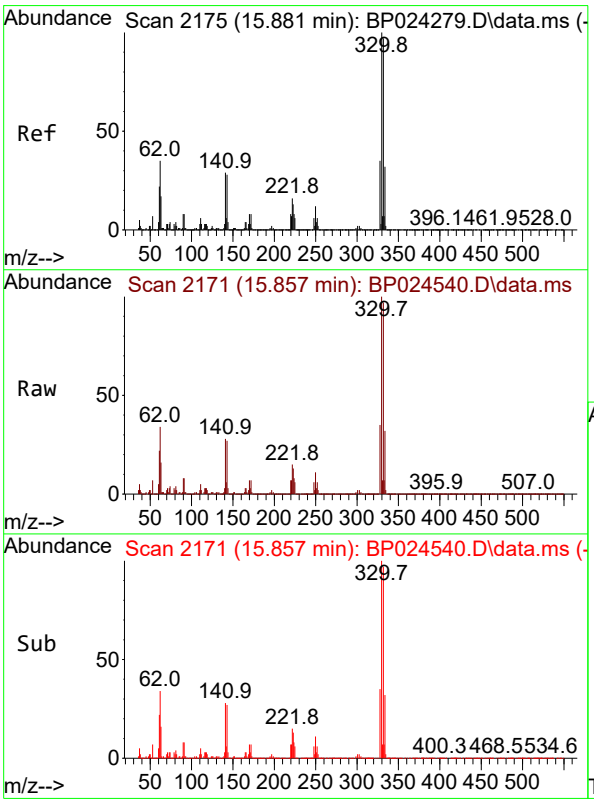
#41
Hexachlorocyclopentadiene
Concen: 41.024 ng
RT: 12.487 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 154429

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.9	83.9
272	14.1	0.0	33.6

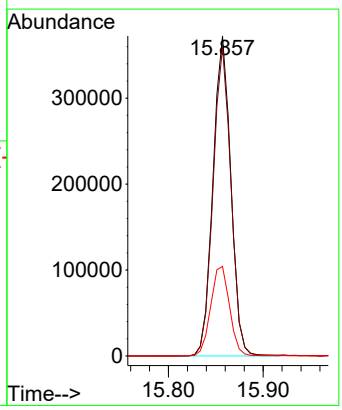


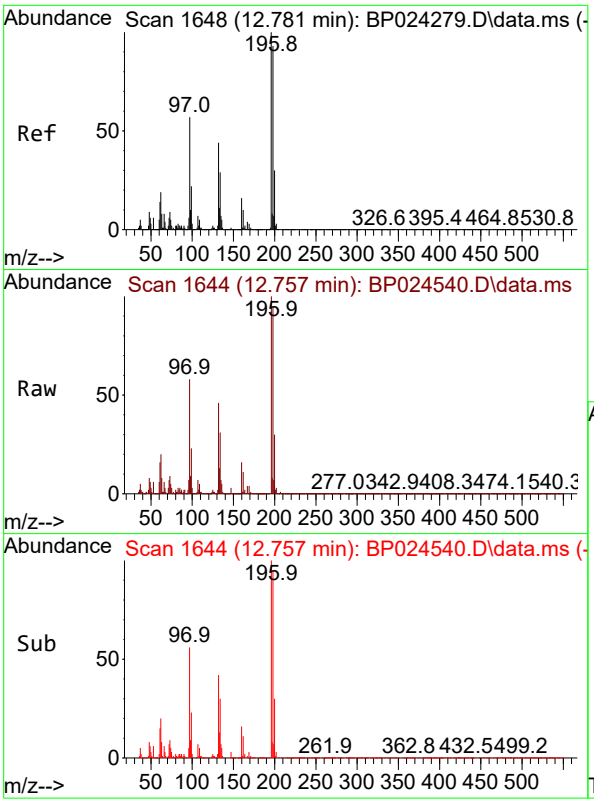


#42
2,4,6-Tribromophenol
Concen: 90.973 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:330 Resp: 487153

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	29.7	24.7	37.1



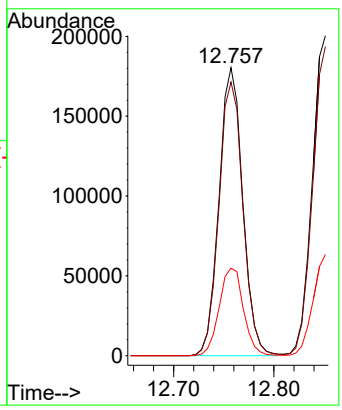


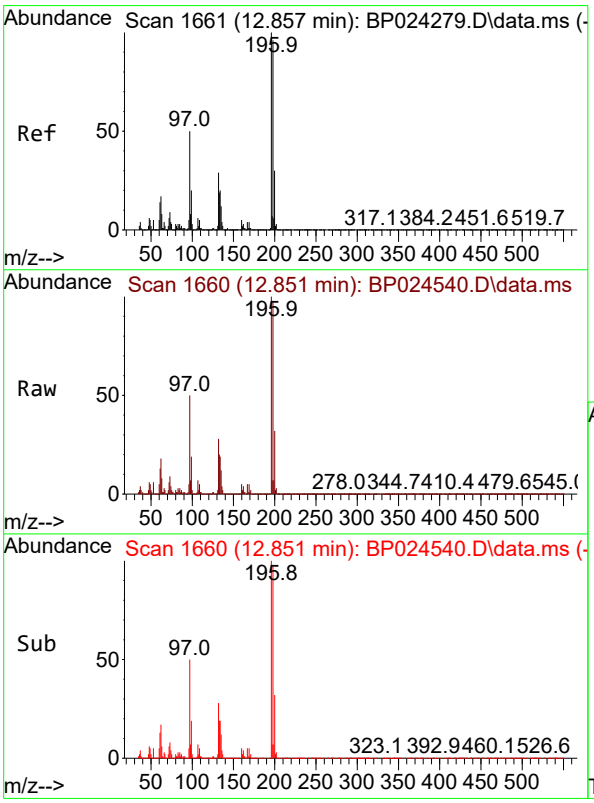
#43
2,4,6-Trichlorophenol
Concen: 41.862 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 296235

Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.3	111.5
200	30.4	24.0	36.0

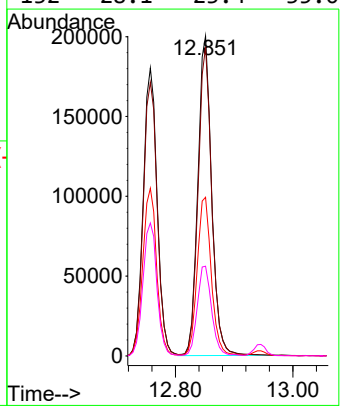


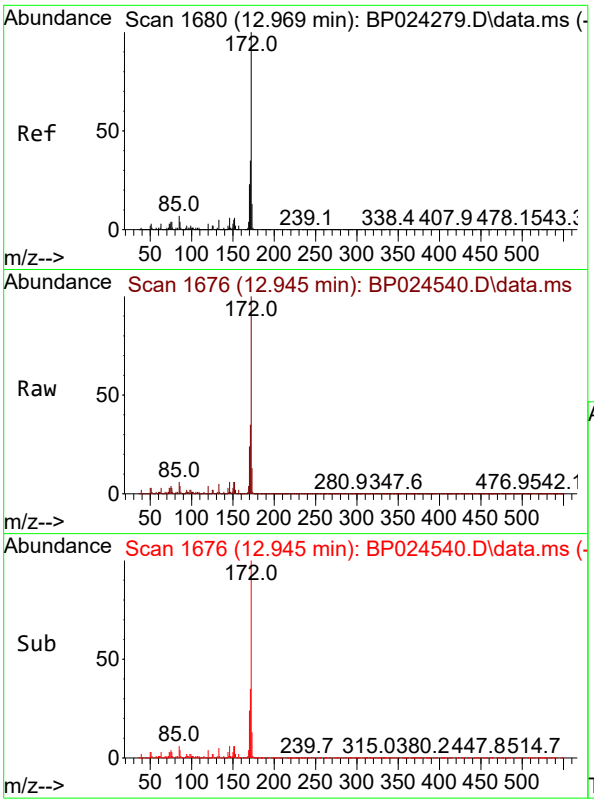


#44
2,4,5-Trichlorophenol
Concen: 41.735 ng
RT: 12.851 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:196 Resp: 327050

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
97	49.6	40.4	60.6
132	28.1	23.4	35.0



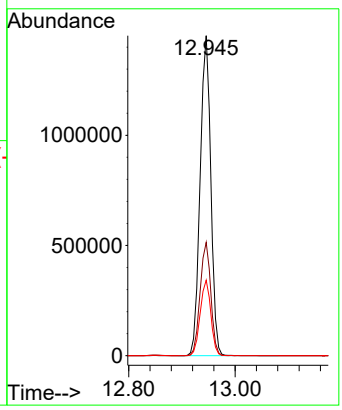


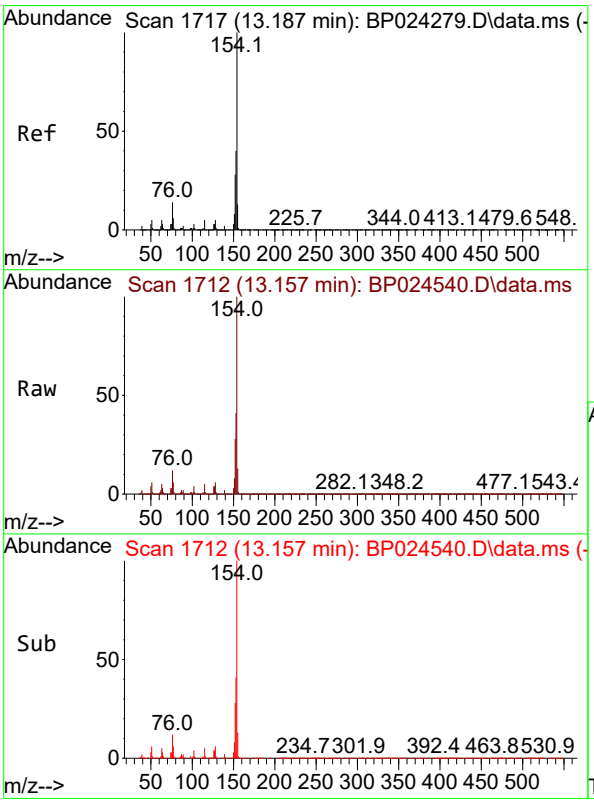
#45
2-Fluorobiphenyl
Concen: 79.554 ng
RT: 12.945 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2011006

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.6	18.6	27.8

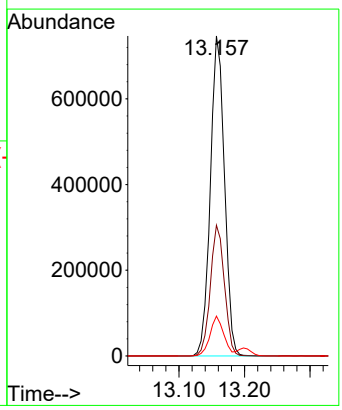


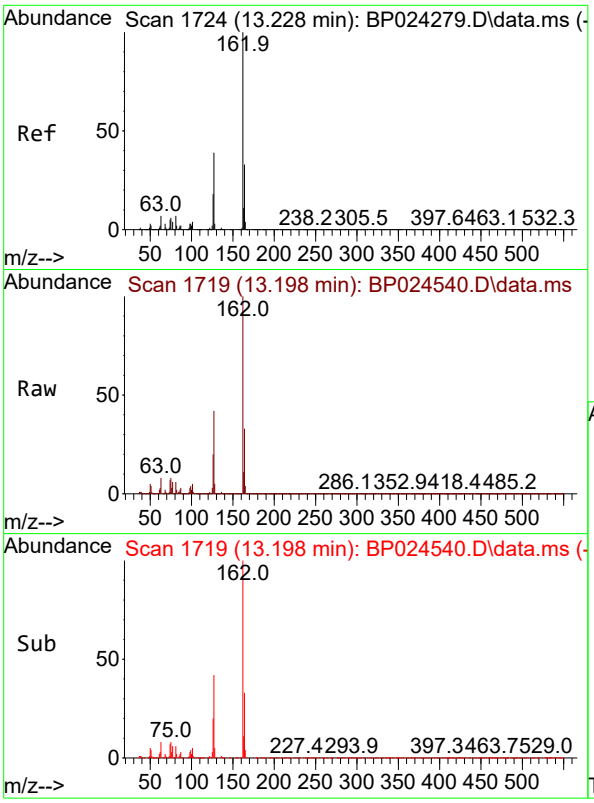


#46
1,1'-Biphenyl
Concen: 39.325 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:154 Resp: 1118780

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.3	60.3
76	12.5	0.0	33.5



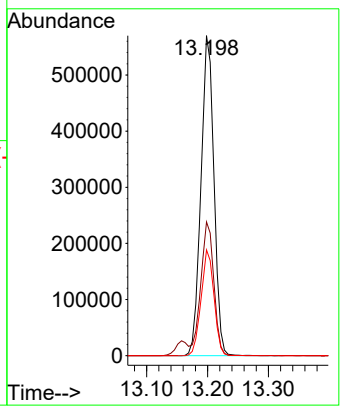


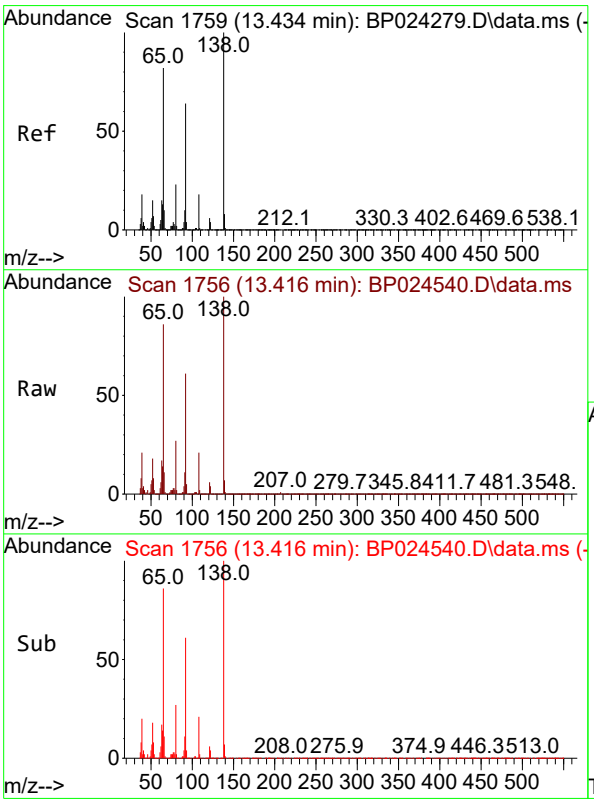
#47
2-Chloronaphthalene
Concen: 39.714 ng
RT: 13.198 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 844443

Ion	Ratio	Lower	Upper
162	100		
127	41.8	31.9	47.9
164	33.1	26.2	39.4

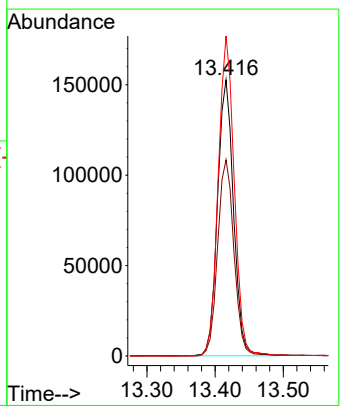


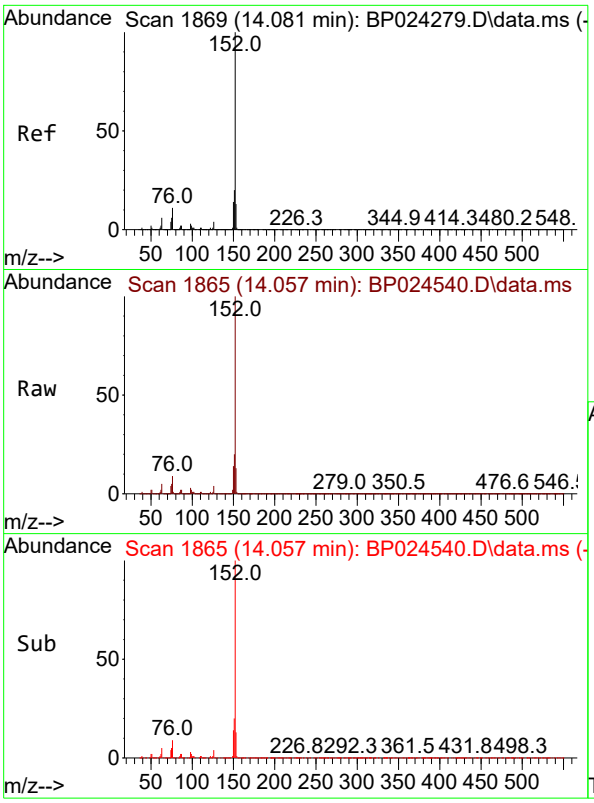


#48
2-Nitroaniline
Concen: 41.835 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 65 Resp: 249517

Ion	Ratio	Lower	Upper
65	100		
92	71.0	62.3	93.5
138	115.9	97.2	145.8



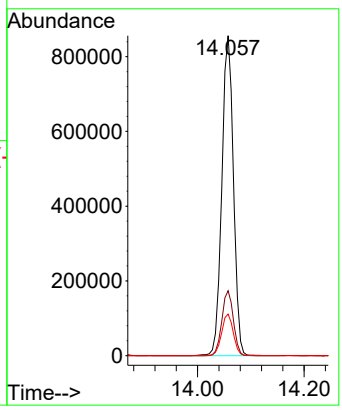


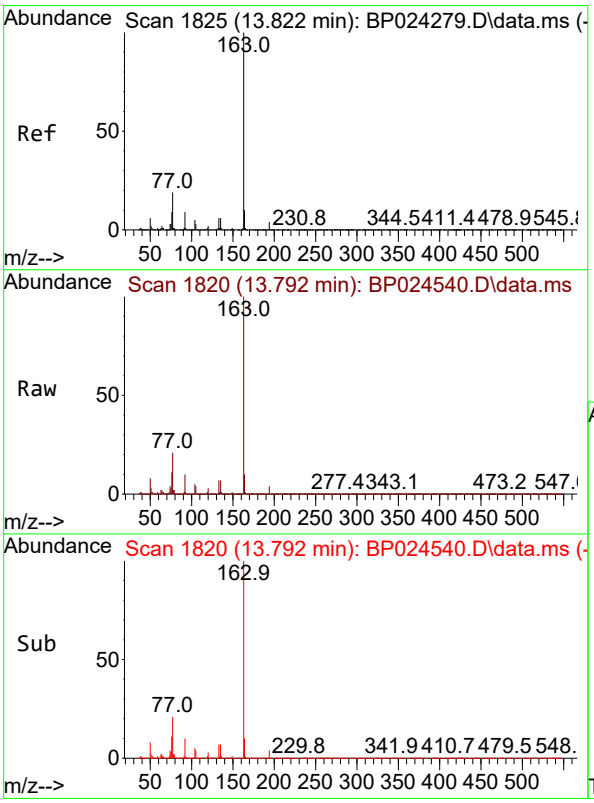
#49
Acenaphthylene
Concen: 38.563 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1290957

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.0	10.6	15.8

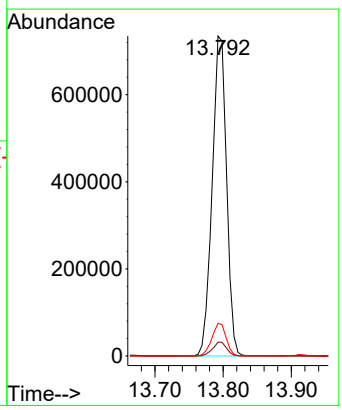


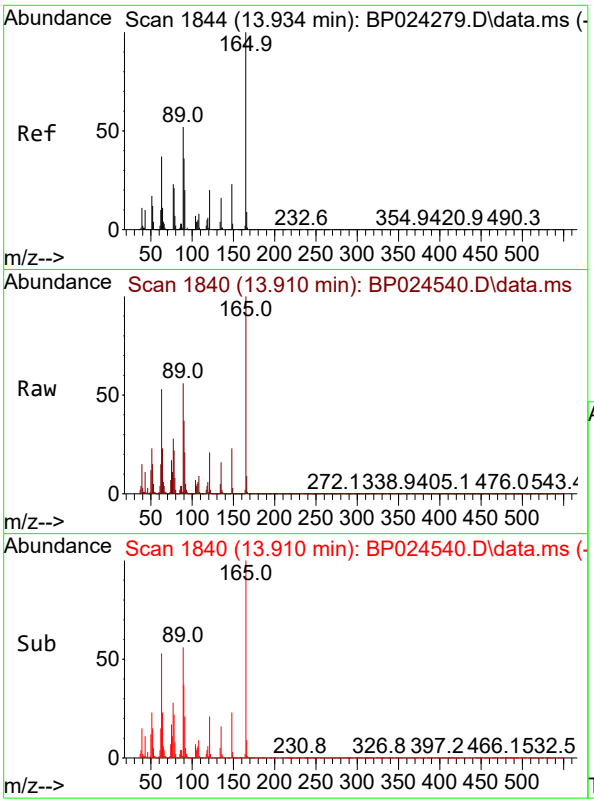


#50
Dimethylphthalate
Concen: 38.365 ng
RT: 13.792 min Scan# 1820
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:163 Resp: 1079826

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.2	8.0	12.0



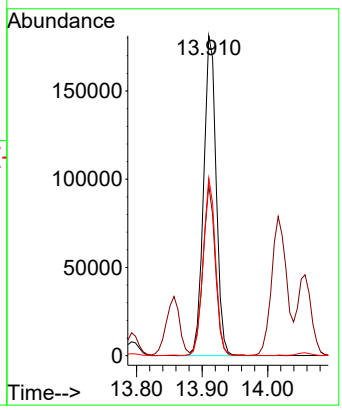


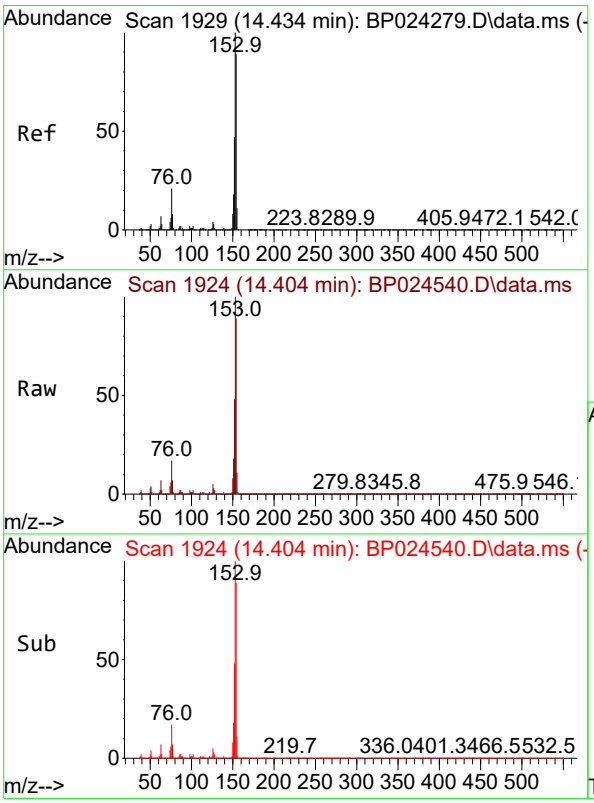
#51
2,6-Dinitrotoluene
Concen: 40.375 ng
RT: 13.910 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 241315

Ion	Ratio	Lower	Upper
165	100		
63	53.3	38.0	57.0
89	55.5	41.7	62.5

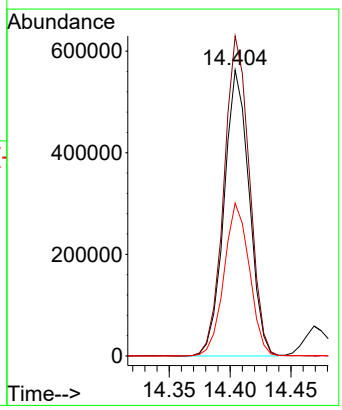


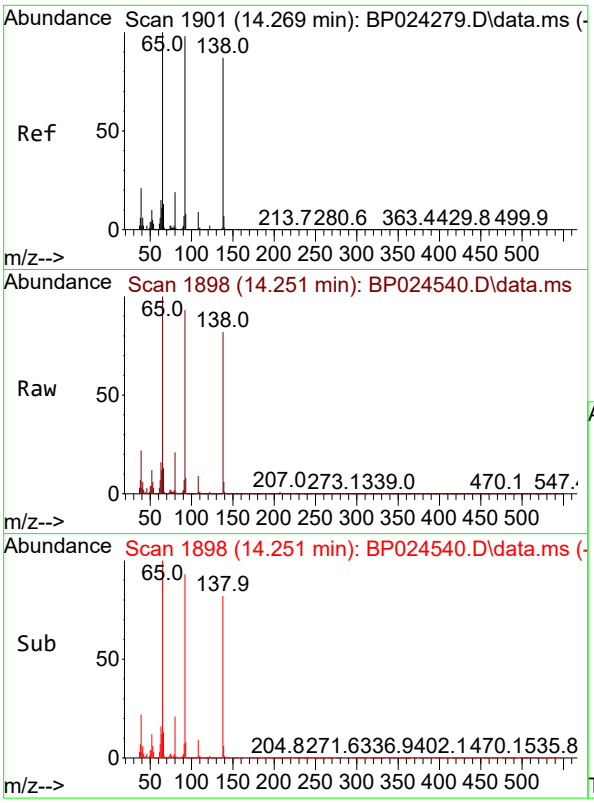


#52
Acenaphthene
Concen: 38.017 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:154 Resp: 806835

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.8	134.6
152	53.4	42.6	63.8



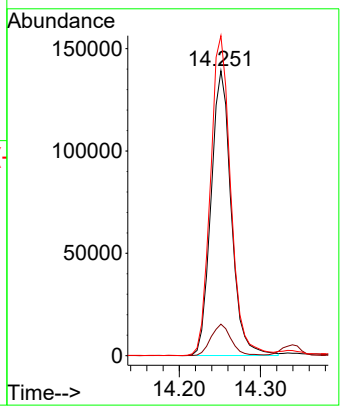


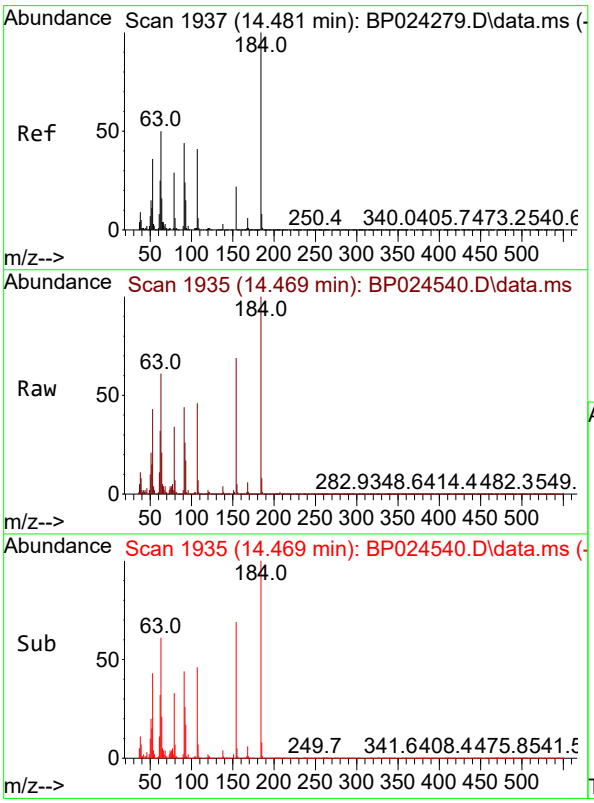
#53
3-Nitroaniline
Concen: 38.224 ng
RT: 14.251 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 240113

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.3	12.5
92	112.3	89.8	134.8

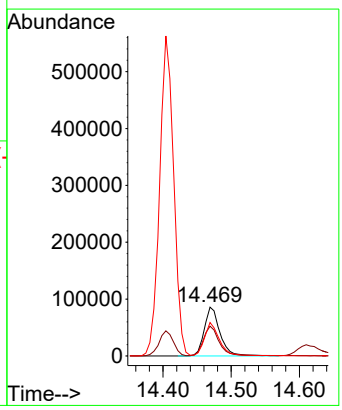


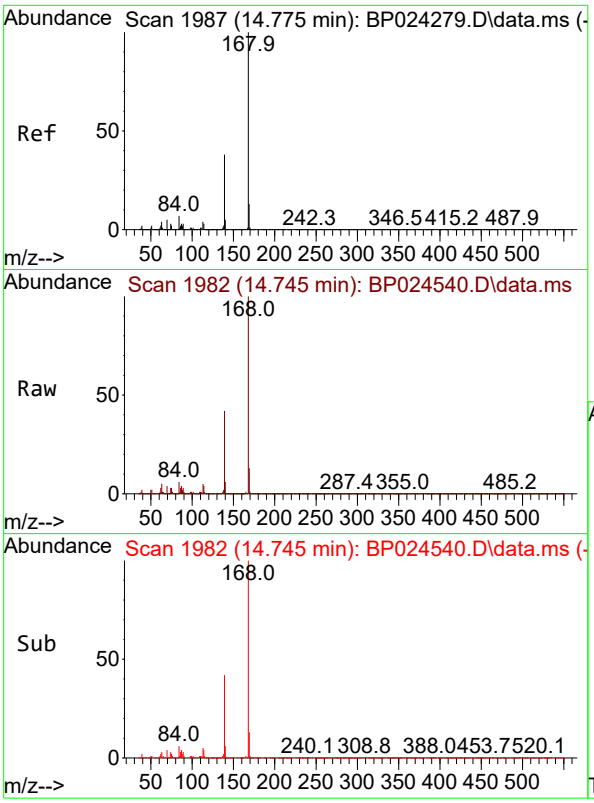


#54
2,4-Dinitrophenol
Concen: 39.091 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:184 Resp: 137626

Ion	Ratio	Lower	Upper
184	100		
63	60.9	42.6	64.0
154	68.7	47.2	70.8



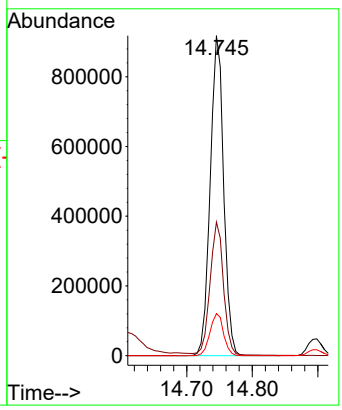


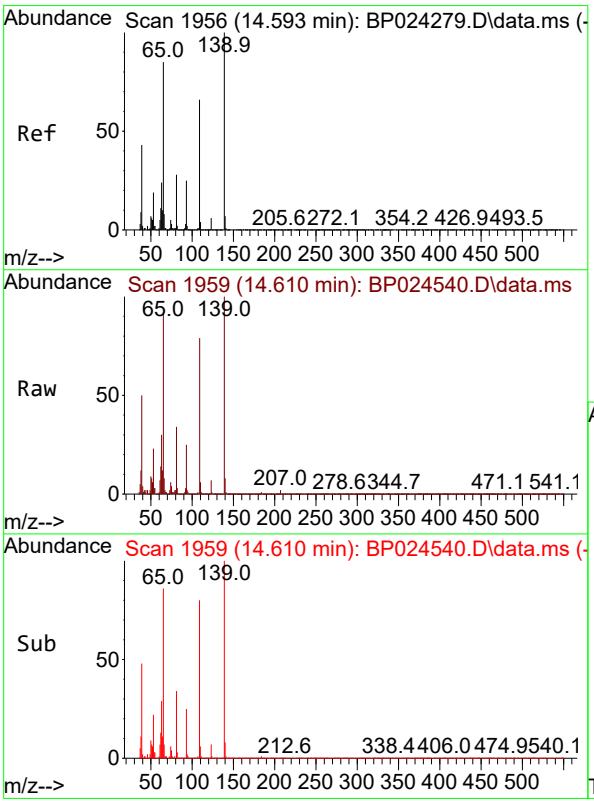
#55
Dibenzofuran
Concen: 37.642 ng
RT: 14.745 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1305830

Ion	Ratio	Lower	Upper
168	100		
139	41.8	30.3	45.5
169	13.2	10.6	16.0

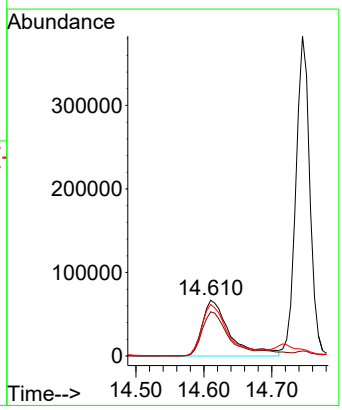


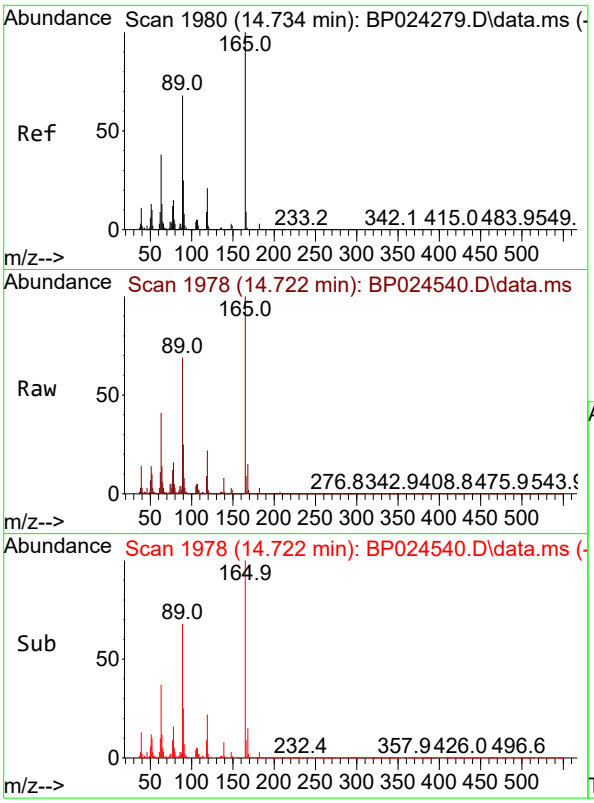


#56
4-Nitrophenol
Concen: 34.863 ng m
RT: 14.610 min Scan# 1959
Delta R.T. 0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:139 Resp: 189138

Ion	Ratio	Lower	Upper
139	100		
109	79.3	46.1	86.1
65	92.5	65.0	105.0



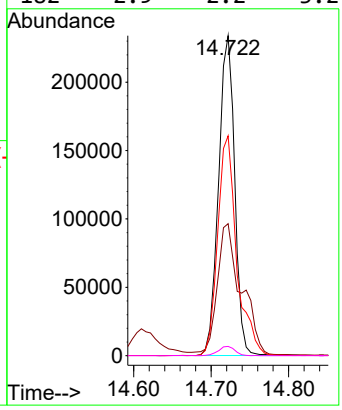


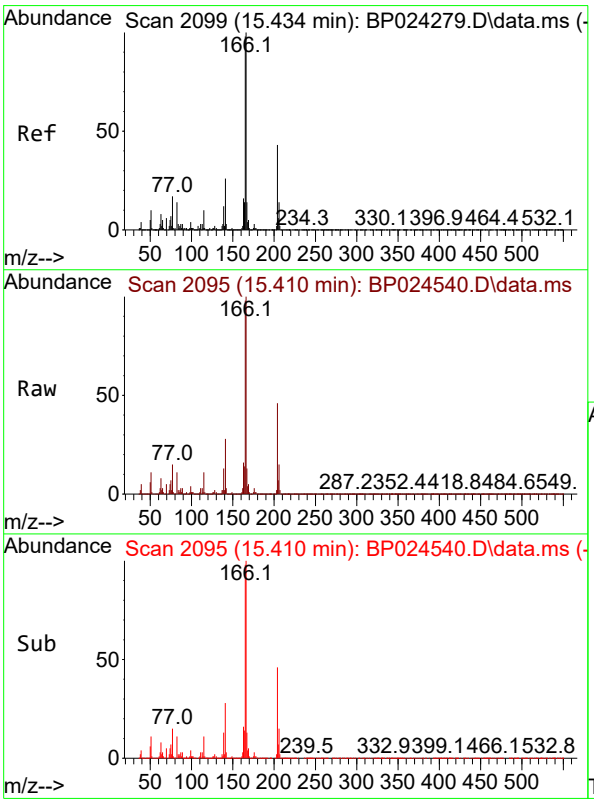
#57
2,4-Dinitrotoluene
Concen: 41.453 ng
RT: 14.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 337968

Ion	Ratio	Lower	Upper
165	100		
63	41.3	30.4	45.6
89	68.7	54.6	82.0
182	2.9	2.2	3.2

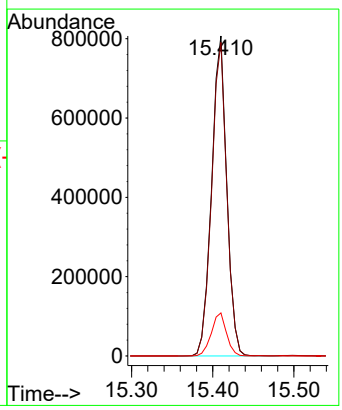


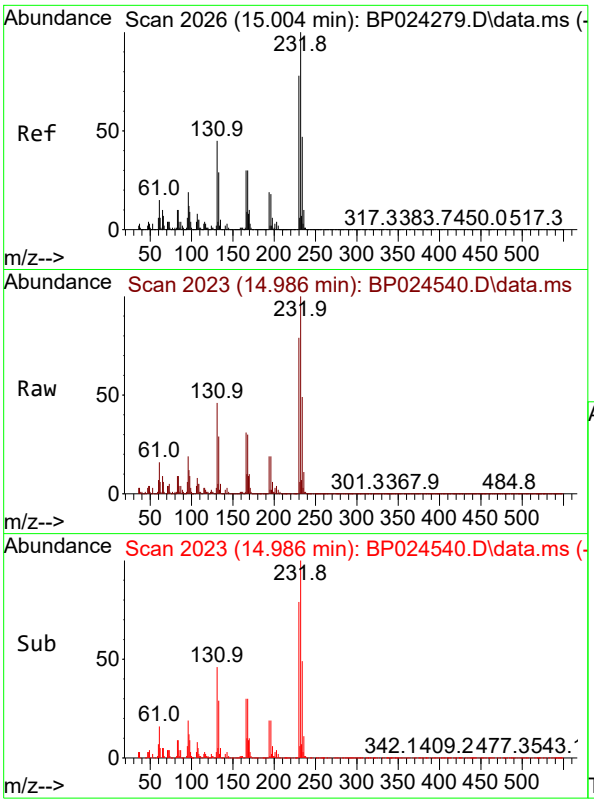


#58
Fluorene
Concen: 38.866 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:166 Resp: 1043749

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.1	117.1
167	13.4	10.9	16.3



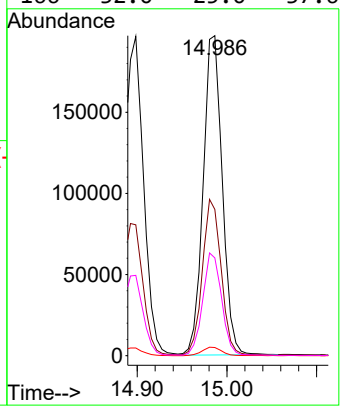


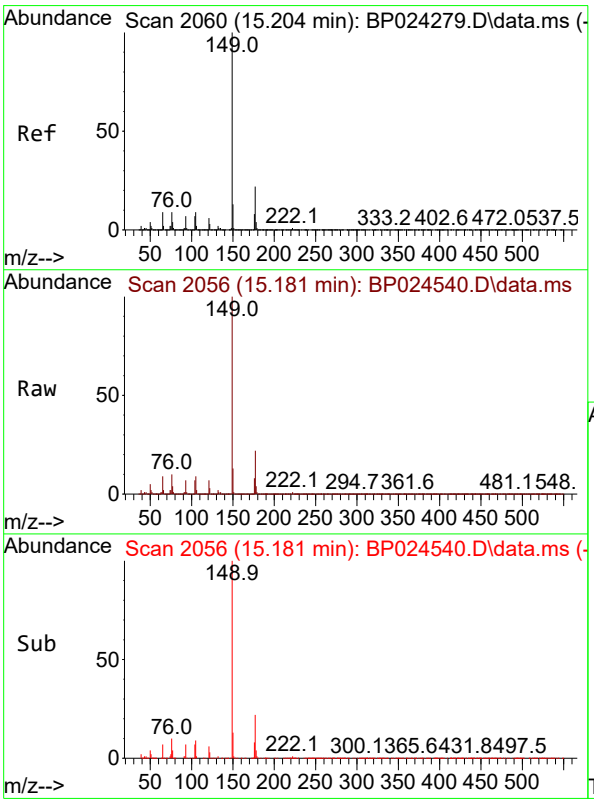
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.253 ng
RT: 14.986 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 290927

Ion	Ratio	Lower	Upper
232	100		
131	48.4	36.8	55.2
130	2.8	1.9	2.9
166	32.0	25.0	37.6

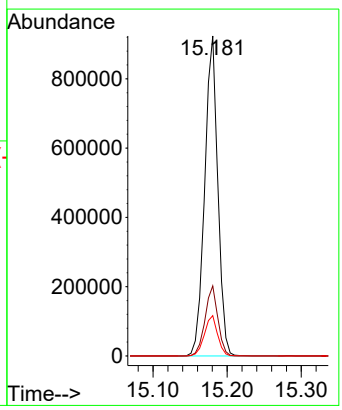


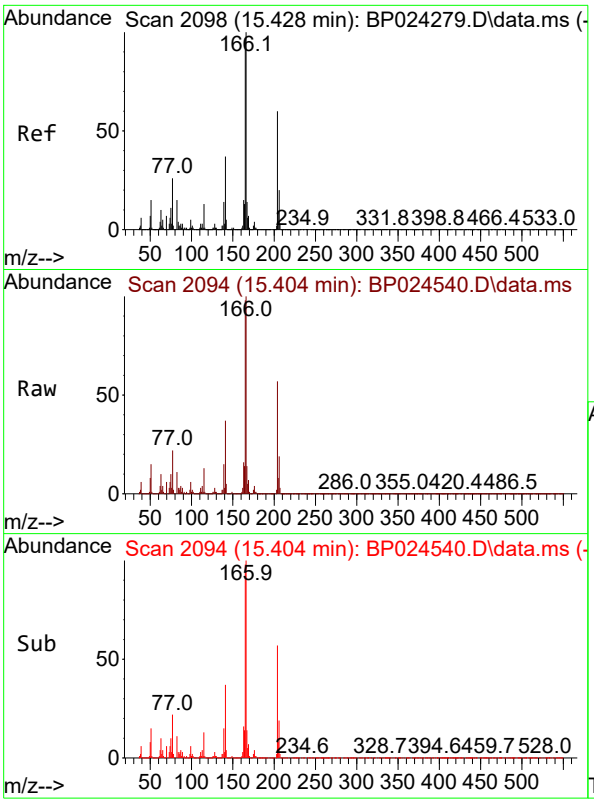


#60
Diethylphthalate
Concen: 39.149 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:149 Resp: 1135541

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.6	10.1	15.1



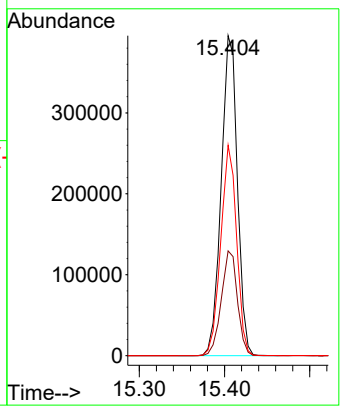


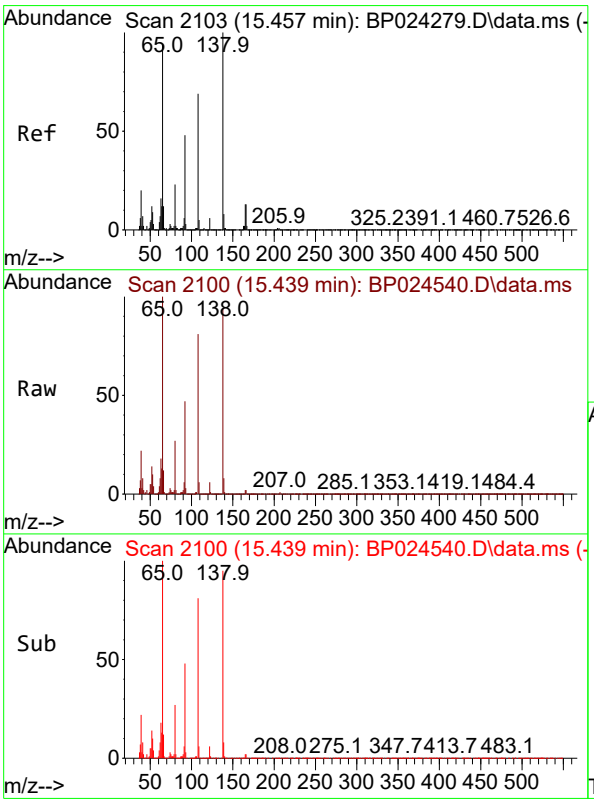
#61
4-Chlorophenyl-phenylether
Concen: 39.894 ng
RT: 15.404 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 520251

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	65.7	49.4	74.0

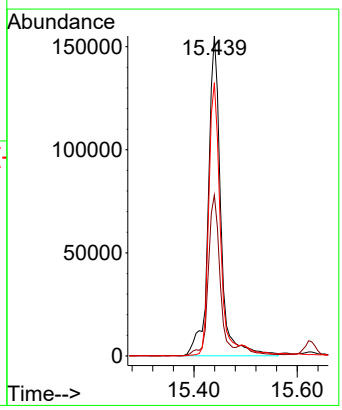


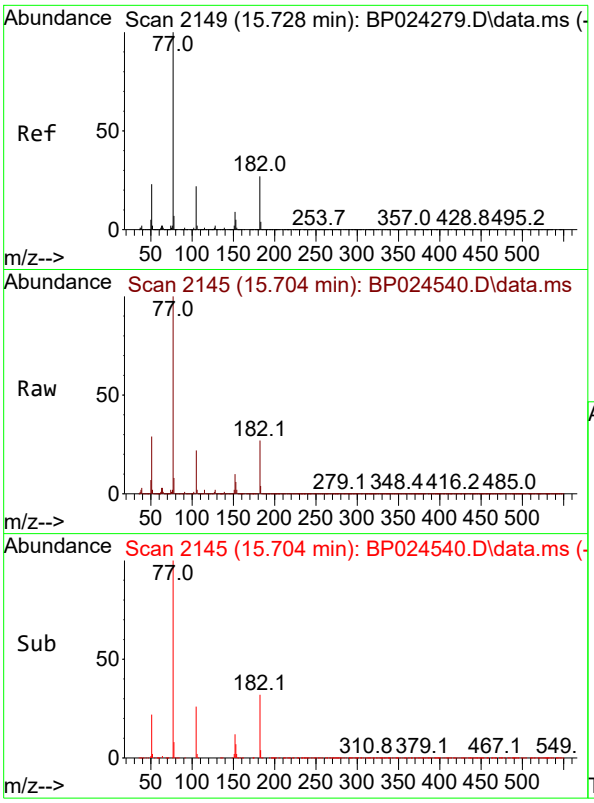


#62
4-Nitroaniline
Concen: 39.125 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:138 Resp: 260176

Ion	Ratio	Lower	Upper
138	100		
92	50.3	27.8	67.8
108	85.4	48.9	88.9



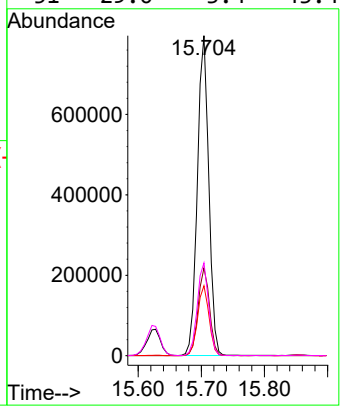


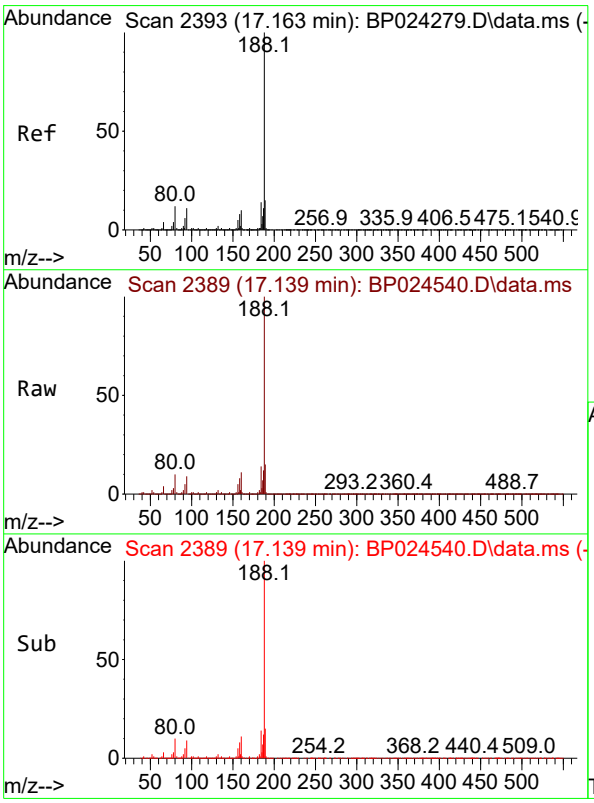
#63
Azobenzene
Concen: 37.300 ng
RT: 15.704 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 994386

Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.3	47.3
105	21.9	2.3	42.3
51	29.0	3.4	43.4

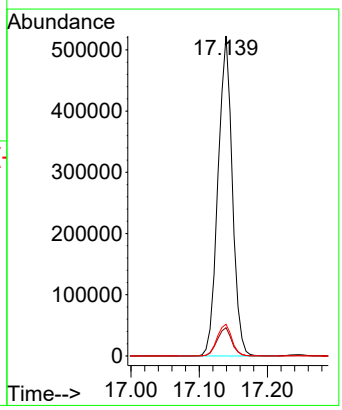


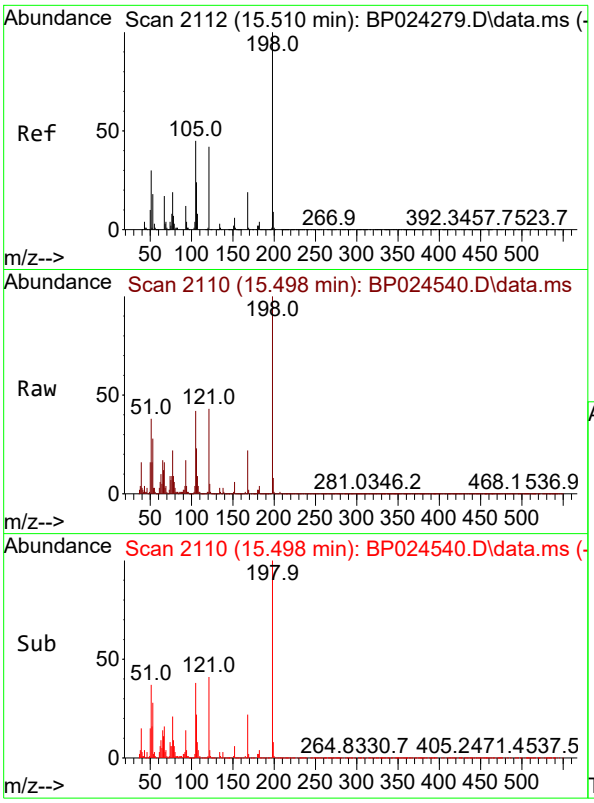


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:188 Resp: 762899

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.6	13.0
80	9.9	9.8	14.6



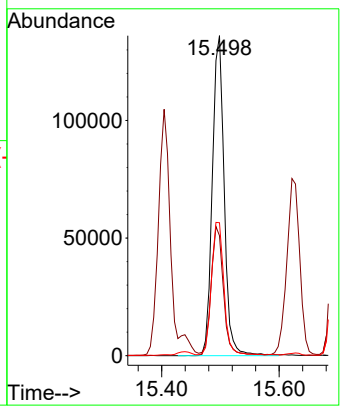


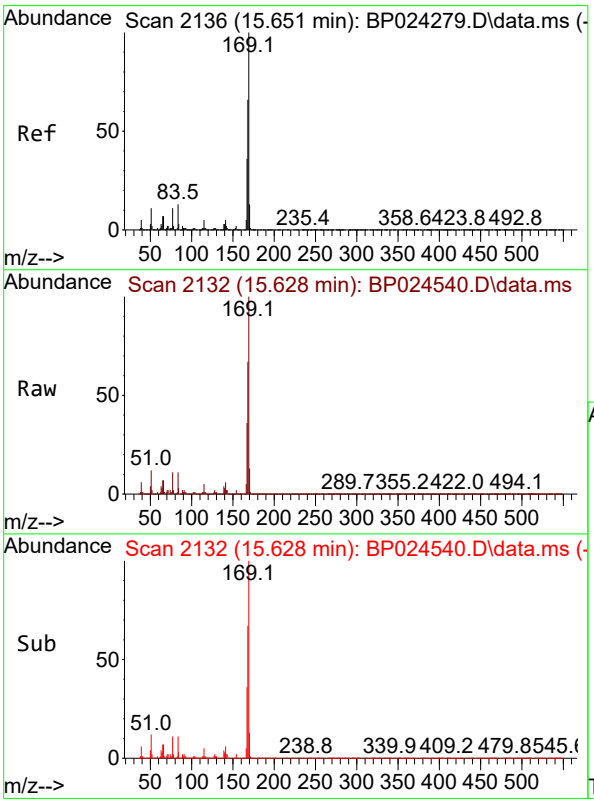
#65
4,6-Dinitro-2-methylphenol
Concen: 39.598 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 190456

Ion	Ratio	Lower	Upper
198	100		
51	37.5	18.4	58.4
105	41.6	26.5	66.5

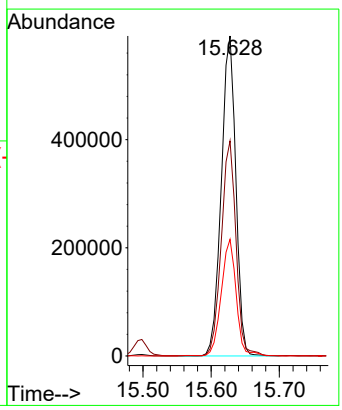


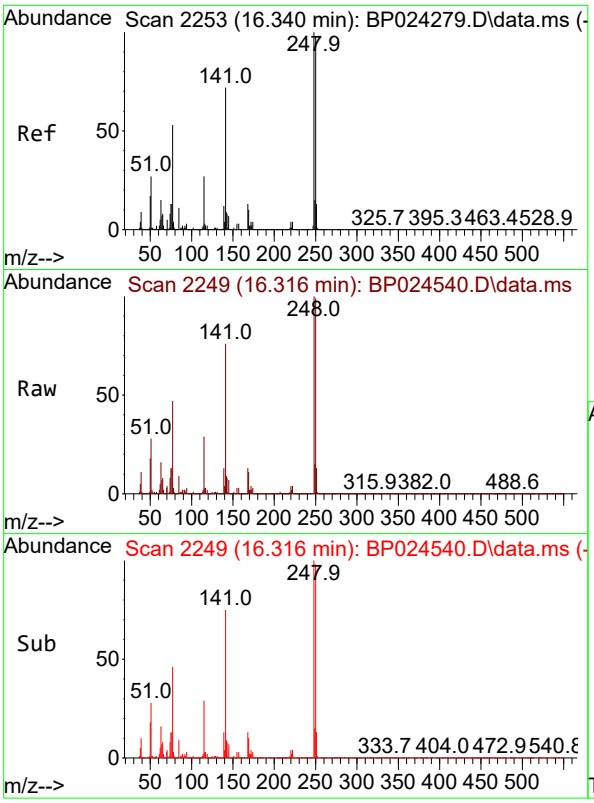


#66
n-Nitrosodiphenylamine
Concen: 38.554 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:169 Resp: 877896

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.0	79.4
167	36.4	28.9	43.3



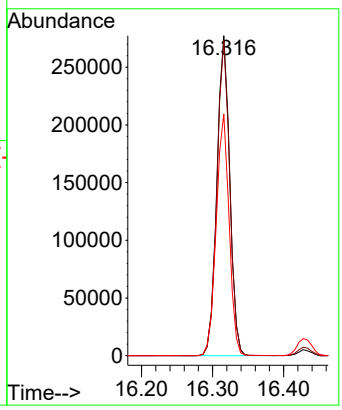


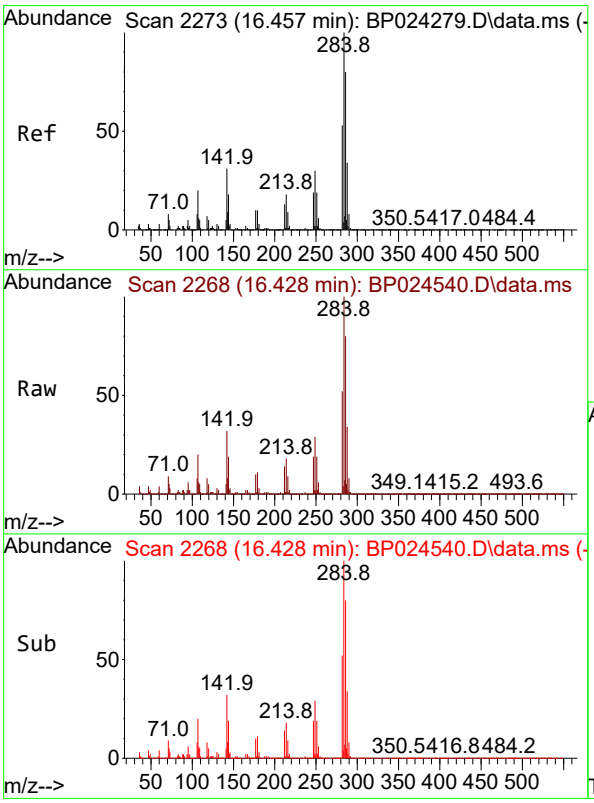
#67
4-Bromophenyl-phenylether
Concen: 41.659 ng
RT: 16.316 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 347590

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.2	117.4
141	75.5	57.7	86.5

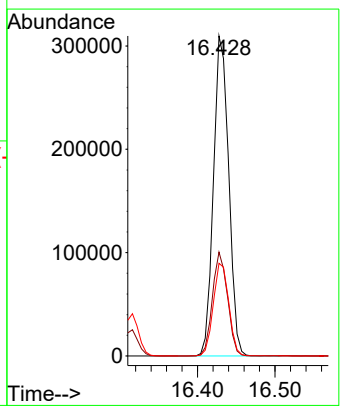


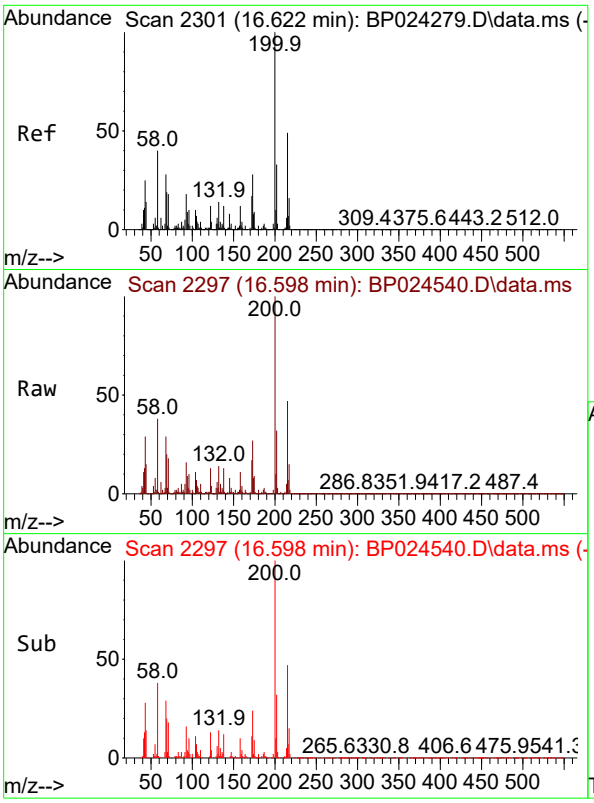


#68
Hexachlorobenzene
Concen: 42.643 ng
RT: 16.428 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:284 Resp: 422786

Ion	Ratio	Lower	Upper
284	100		
142	32.4	24.6	37.0
249	28.9	23.8	35.6



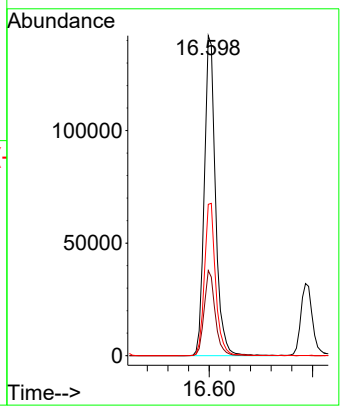


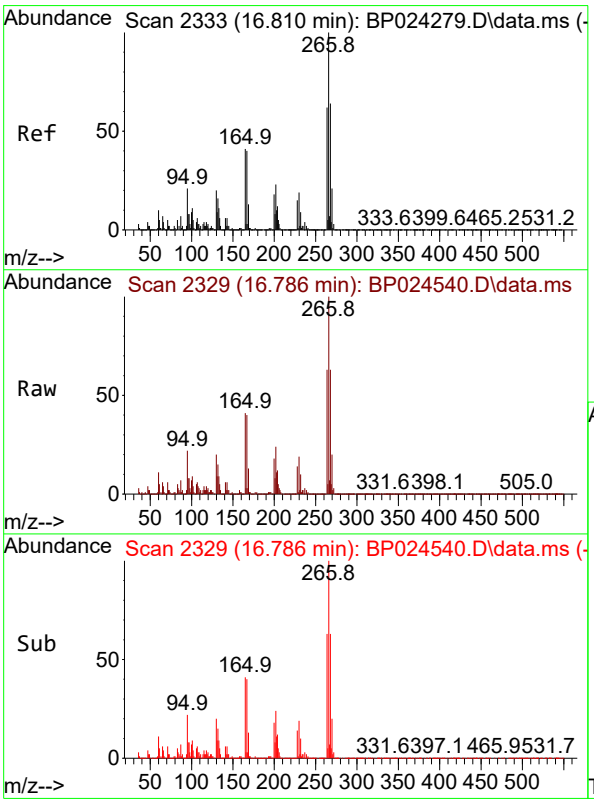
#69
Atrazine
Concen: 36.800 ng
RT: 16.598 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 213423

Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.5	47.5
215	47.3	28.8	68.8

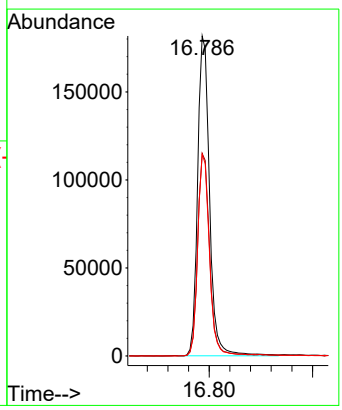


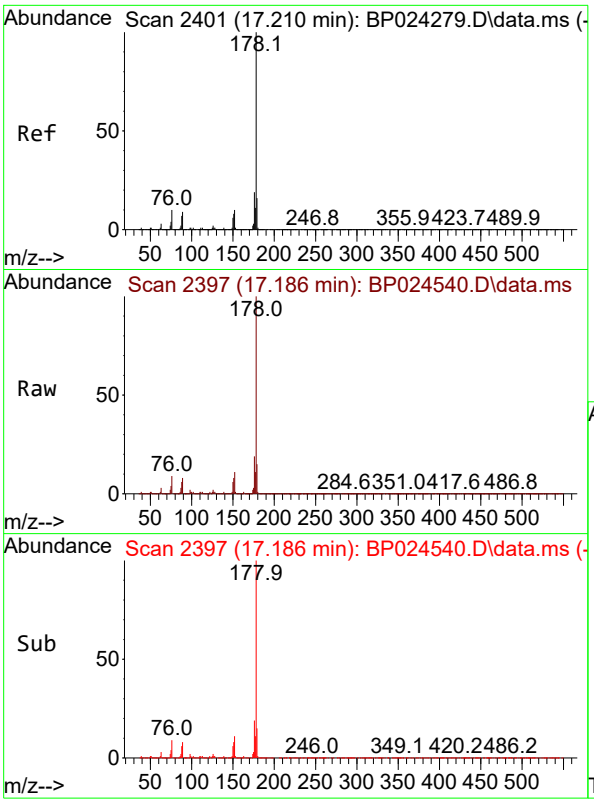


#70
Pentachlorophenol
Concen: 42.038 ng
RT: 16.786 min Scan# 2329
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:266 Resp: 290763

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.0	76.6
264	63.1	49.8	74.6



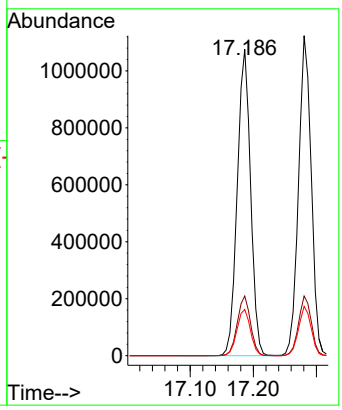


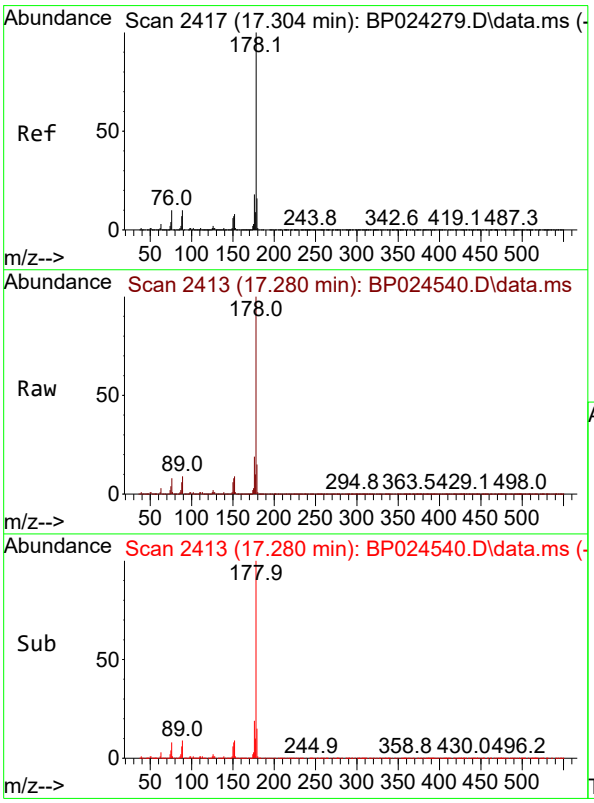
#71
Phenanthrene
Concen: 37.968 ng
RT: 17.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1580153

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.1	12.5	18.7

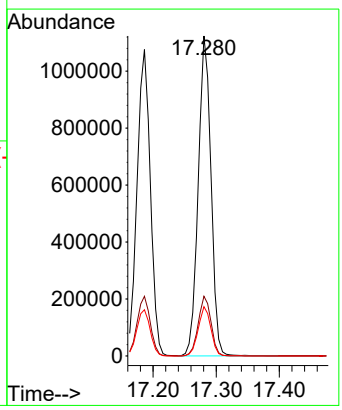


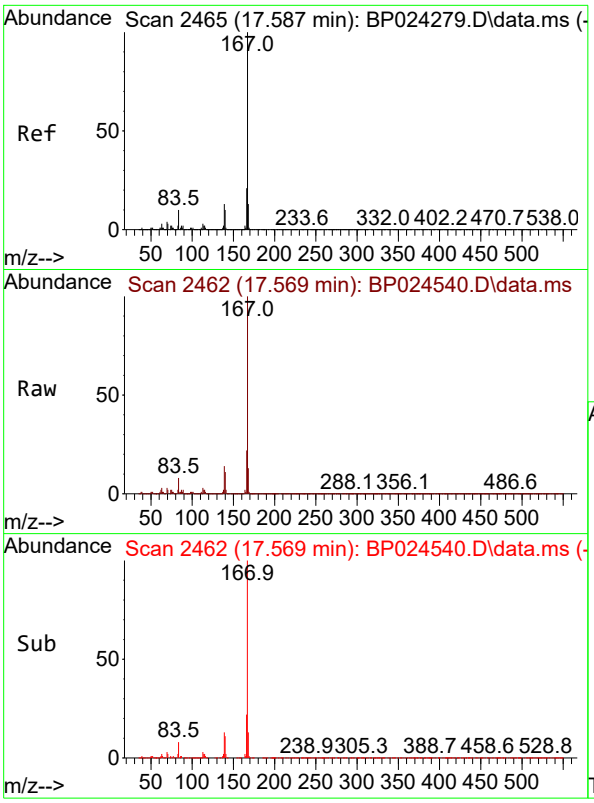


#72
Anthracene
Concen: 39.248 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:178 Resp: 1574277

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.4	12.4	18.6



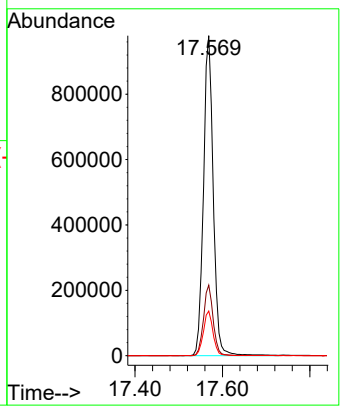


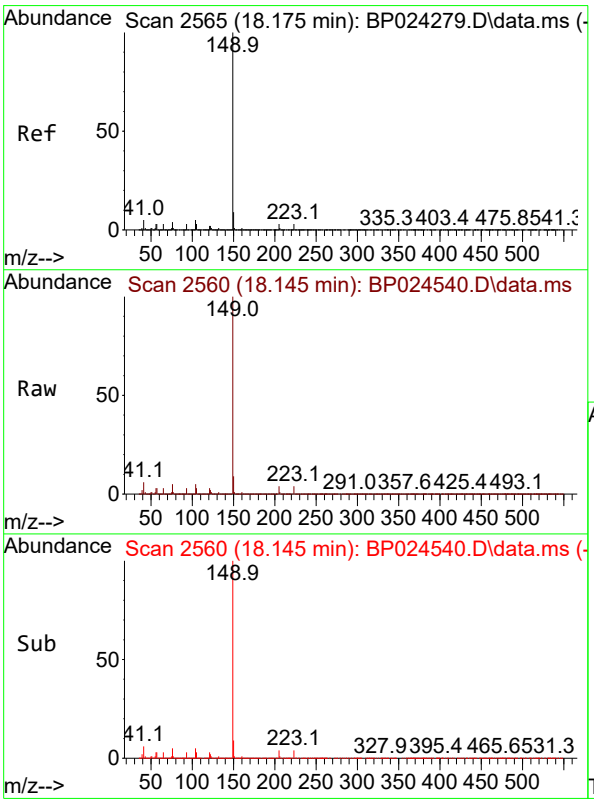
#73
Carbazole
Concen: 38.820 ng
RT: 17.569 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1521439

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.1	25.7
139	14.0	10.6	16.0

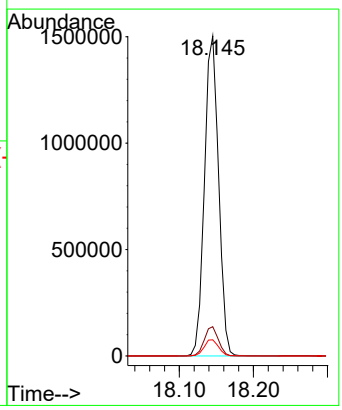


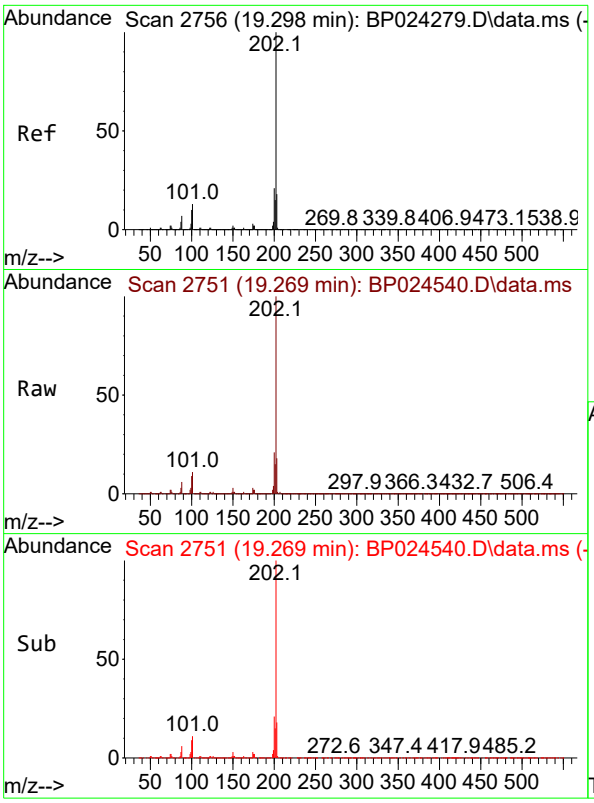


#74
Di-n-butylphthalate
Concen: 40.715 ng
RT: 18.145 min Scan# 2560
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:149 Resp: 1988010

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.0	3.9	5.9



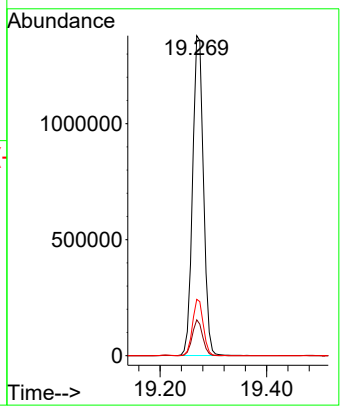


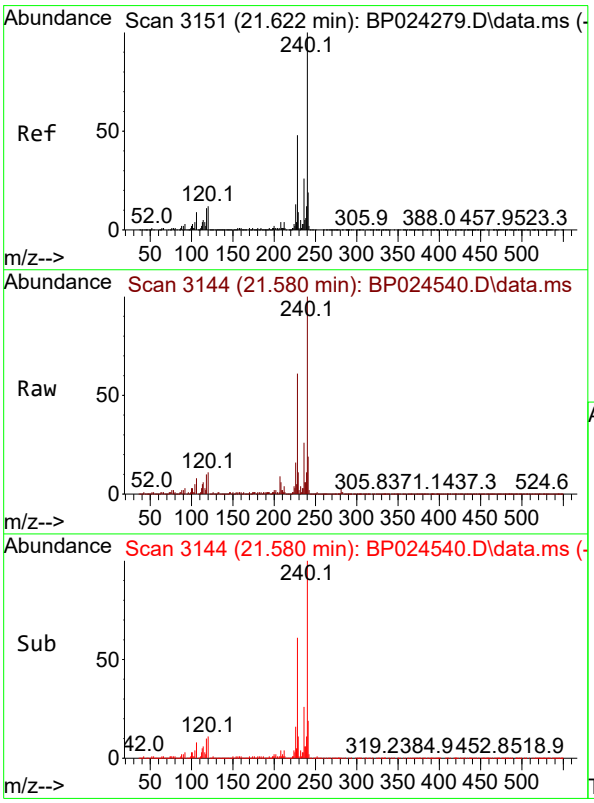
#75
Fluoranthene
Concen: 39.506 ng
RT: 19.269 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1955487

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.2
203	17.6	0.0	37.7

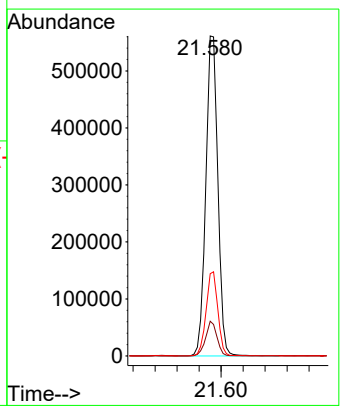


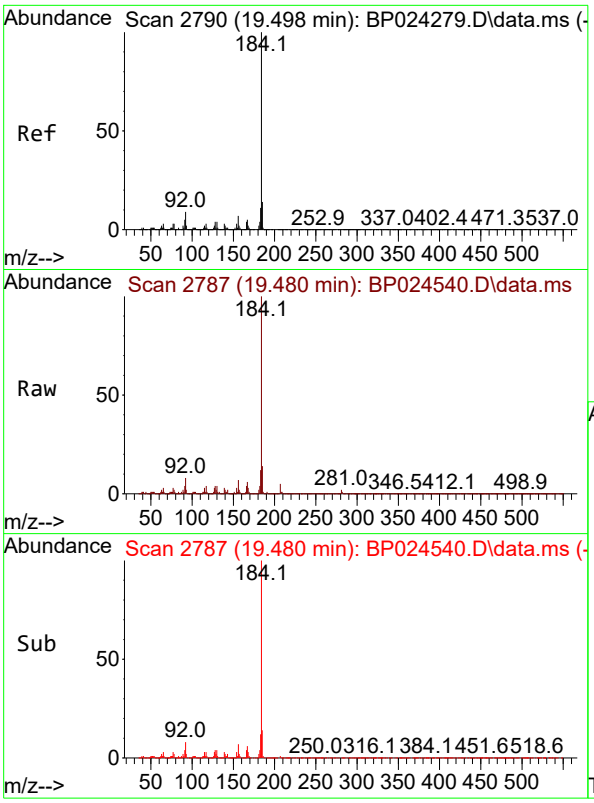


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:240 Resp: 851557

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.8	14.8
236	25.7	20.9	31.3



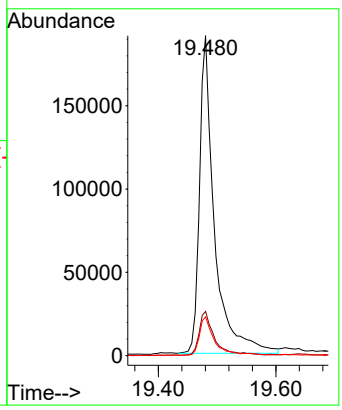


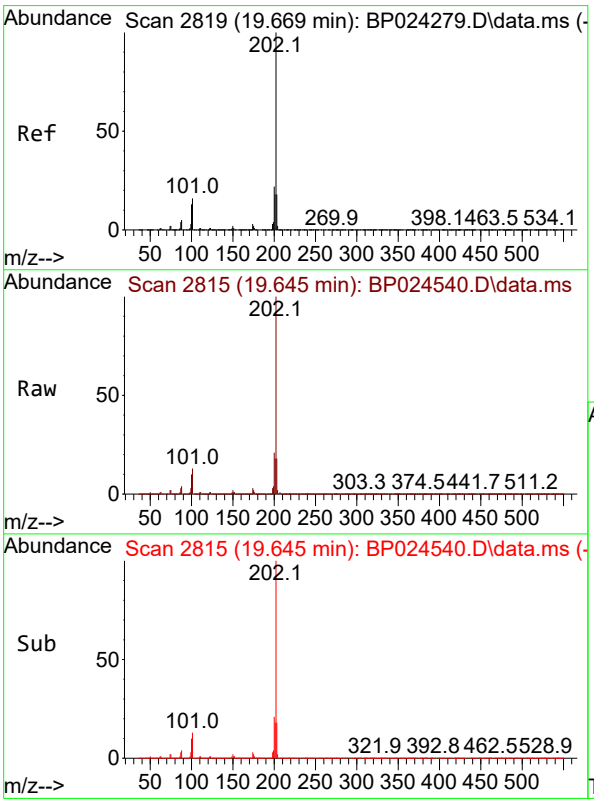
#77
Benzidine
Concen: 31.123 ng
RT: 19.480 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 335953

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.6	17.4
183	12.1	9.2	13.8

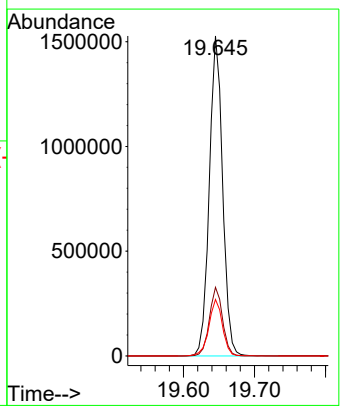


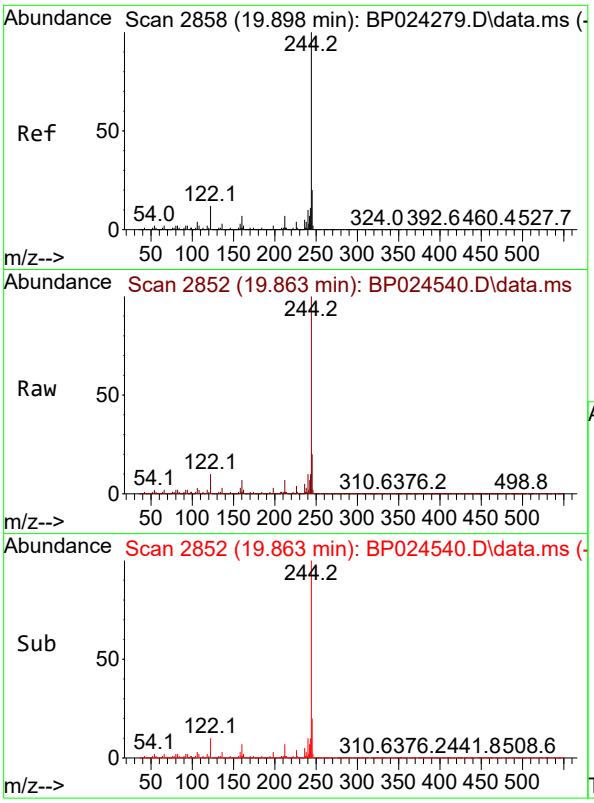


#78
Pyrene
Concen: 36.725 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:202 Resp: 1987447

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.7	14.4	21.6



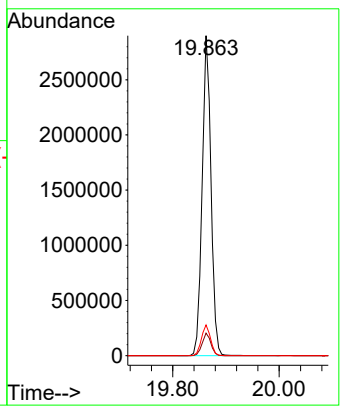


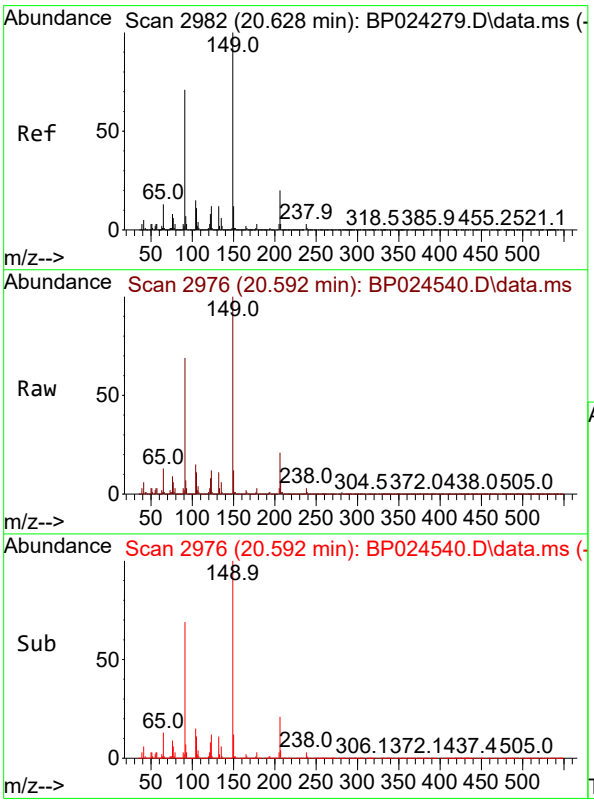
#79
Terphenyl-d14
Concen: 78.863 ng
RT: 19.863 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 3331765

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	9.6	9.4	14.0

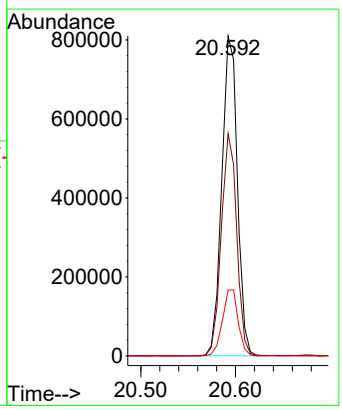


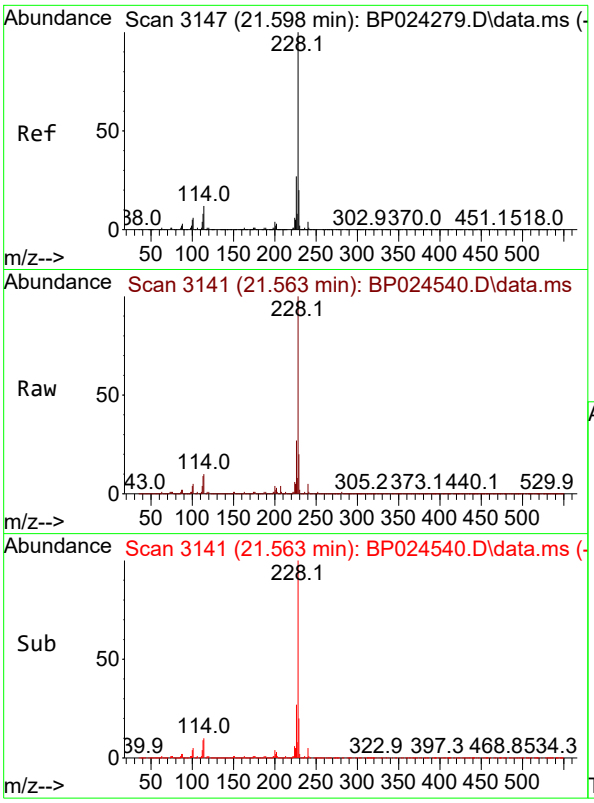


#80
Butylbenzylphthalate
Concen: 40.047 ng
RT: 20.592 min Scan# 2976
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:149 Resp: 928290

Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.4	84.6
206	20.5	16.3	24.5



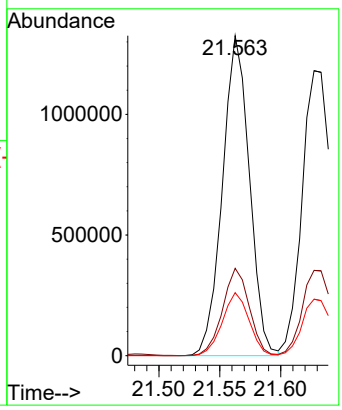


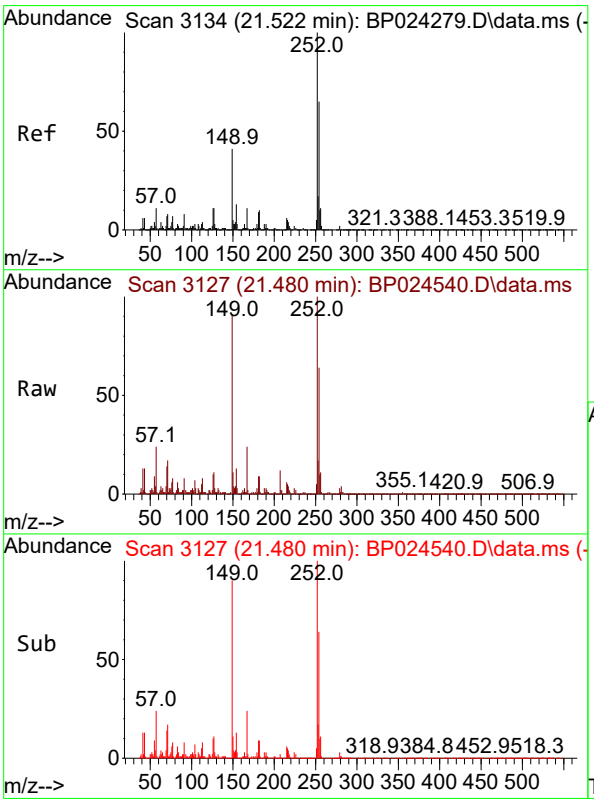
#81
Benzo(a)anthracene
Concen: 38.589 ng
RT: 21.563 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2042490

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.7	15.9	23.9

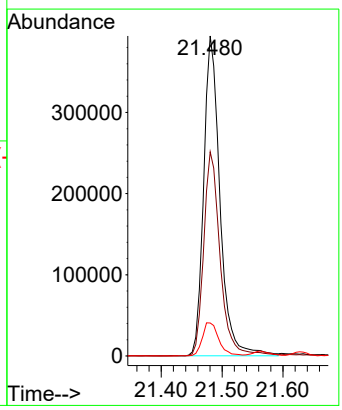


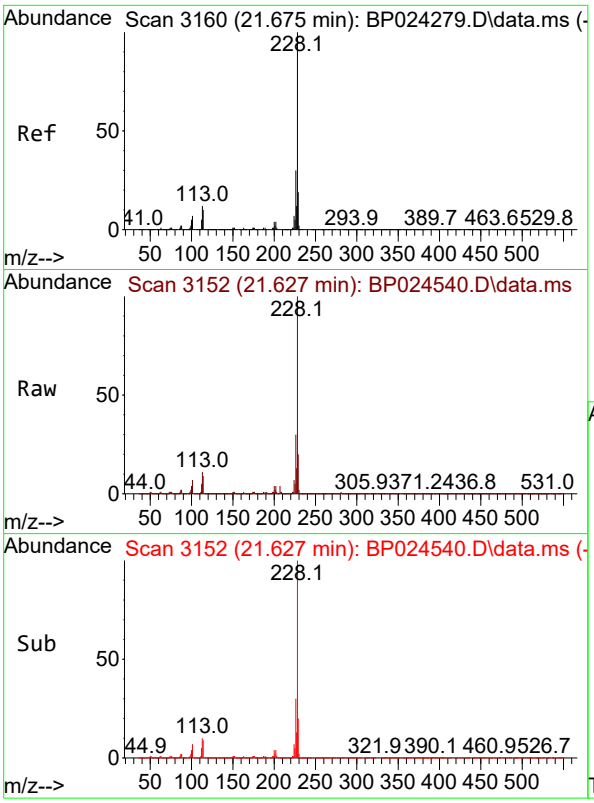


#82
3,3'-Dichlorobenzidine
Concen: 39.464 ng
RT: 21.480 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:252 Resp: 733143

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.7	77.5
126	10.3	8.8	13.2



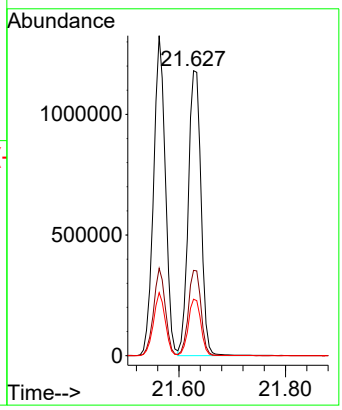


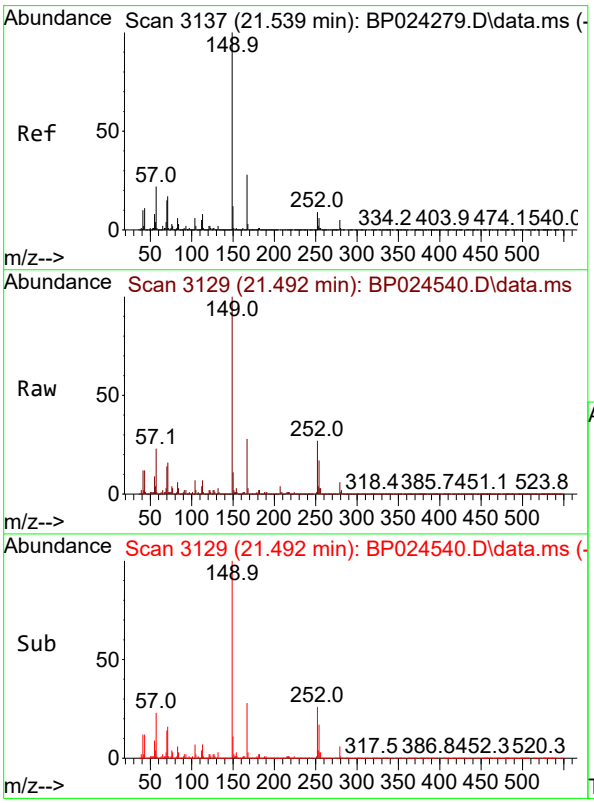
#83
Chrysene
Concen: 38.547 ng
RT: 21.627 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1954651

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.8	15.6	23.4

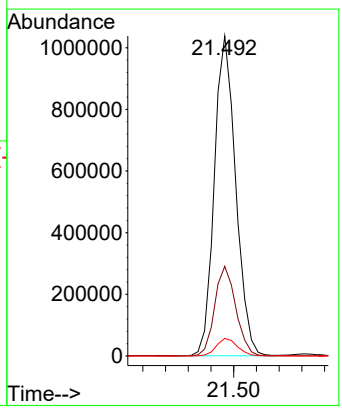


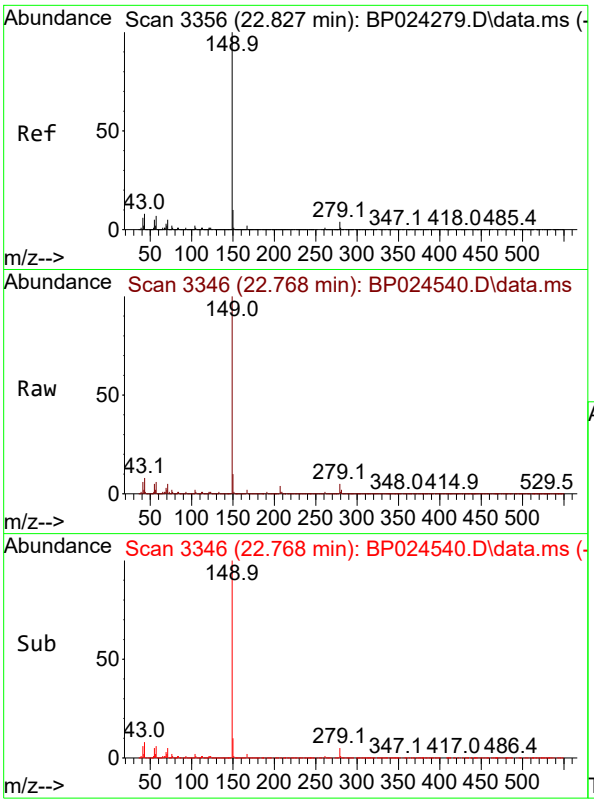


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.920 ng
RT: 21.492 min Scan# 3129
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:149 Resp: 1356524

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	5.5	4.0	6.0



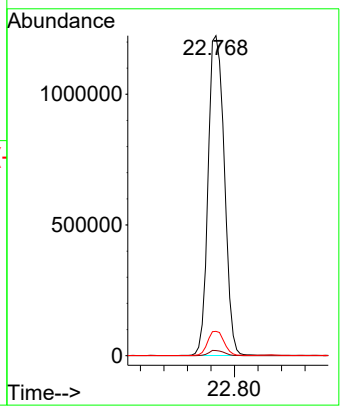


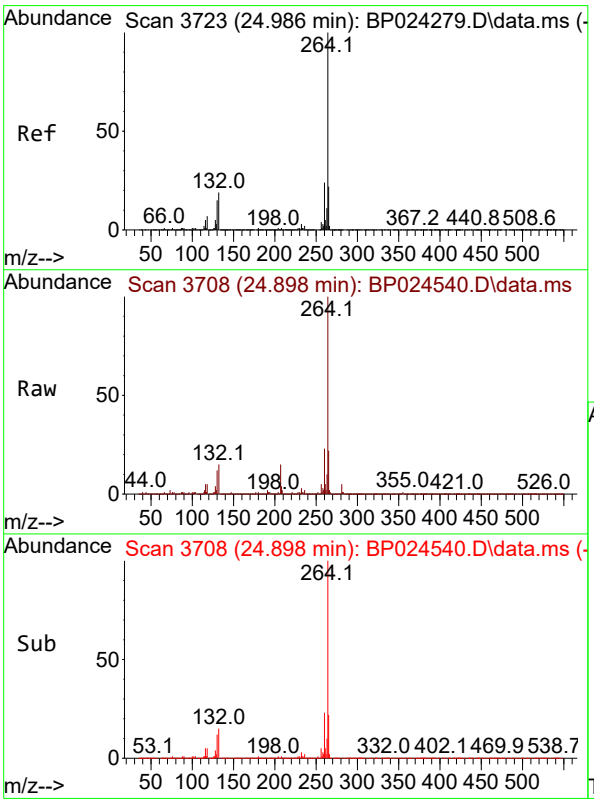
#85
Di-n-octyl phthalate
Concen: 42.333 ng
RT: 22.768 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2338603

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.7	6.0	9.0

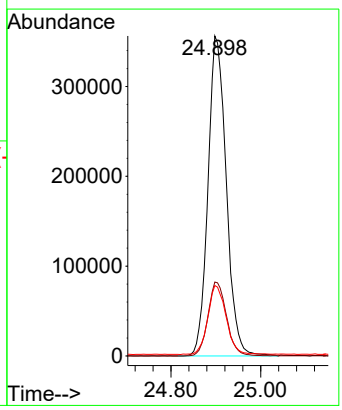


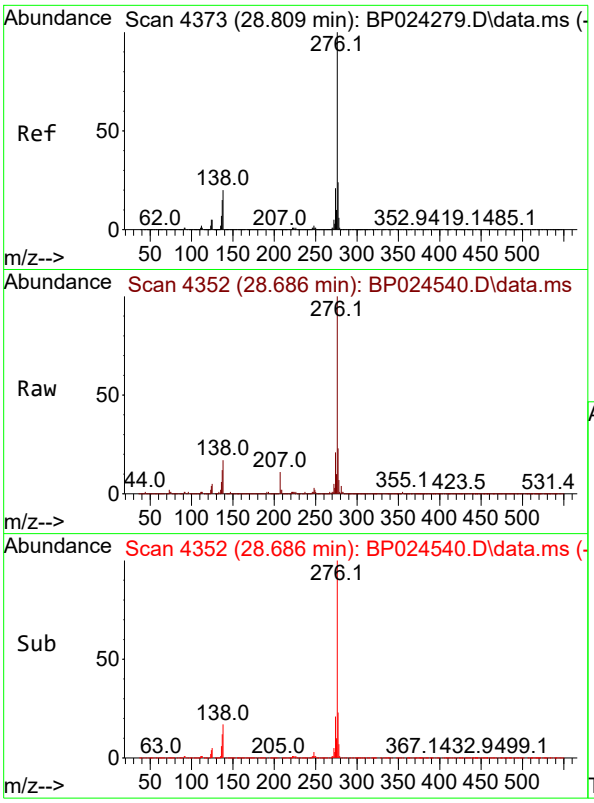


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.898 min Scan# 3708
Delta R.T. -0.035 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:264 Resp: 1008561

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	22.0	17.8	26.6



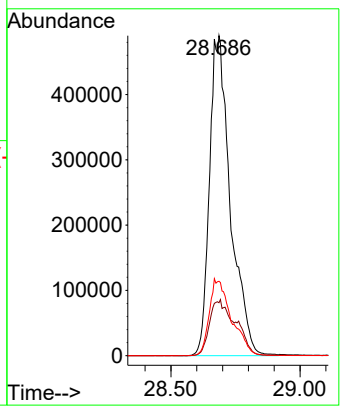


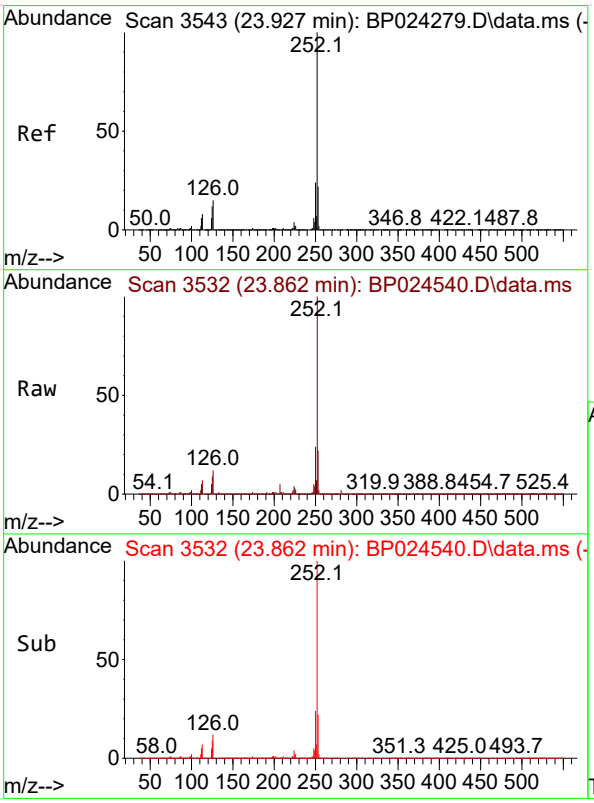
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.427 ng
RT: 28.686 min Scan# 4
Delta R.T. -0.053 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 2760648

Ion	Ratio	Lower	Upper
276	100		
138	16.6	14.5	21.7
277	0.0	20.2	30.2#

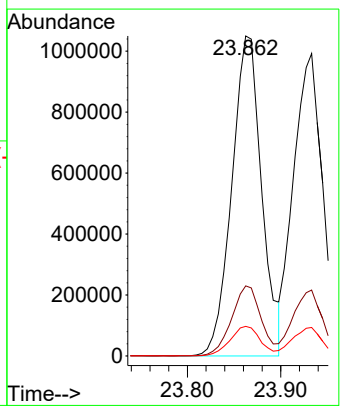


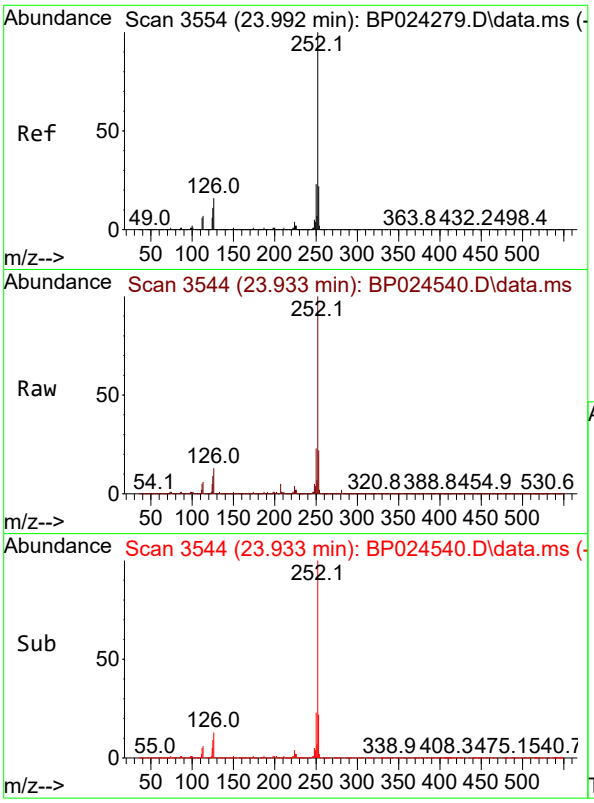


#88
Benzo(b)fluoranthene
Concen: 38.682 ng m
RT: 23.862 min Scan# 3532
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:252 Resp: 2338497

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.3	9.4	14.0#



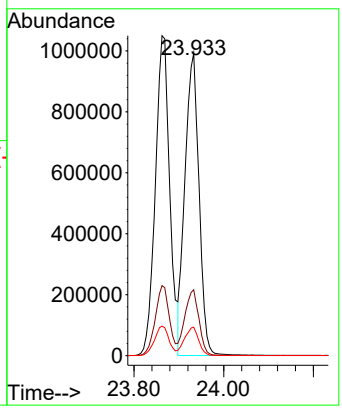


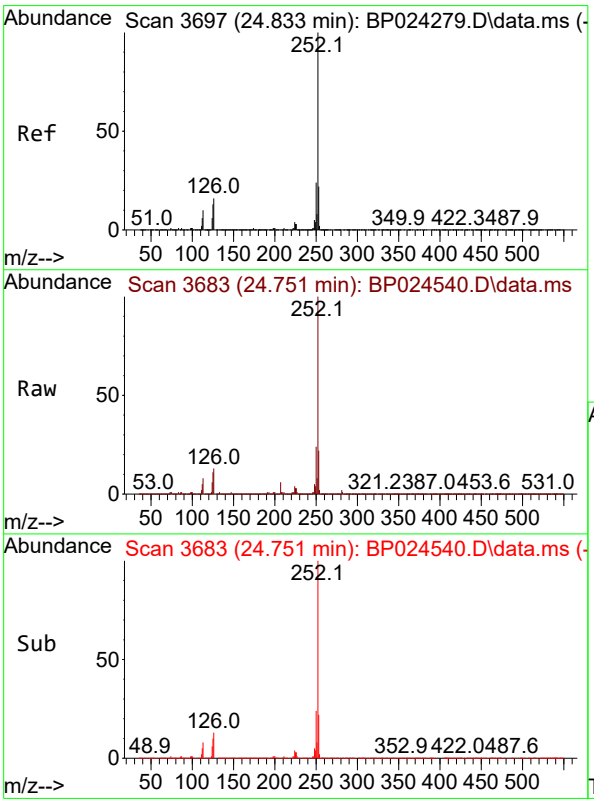
#89
Benzo(k)fluoranthene
Concen: 36.923 ng
RT: 23.933 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2156128

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.4	9.1	13.7

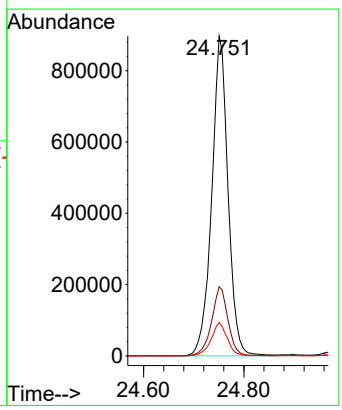


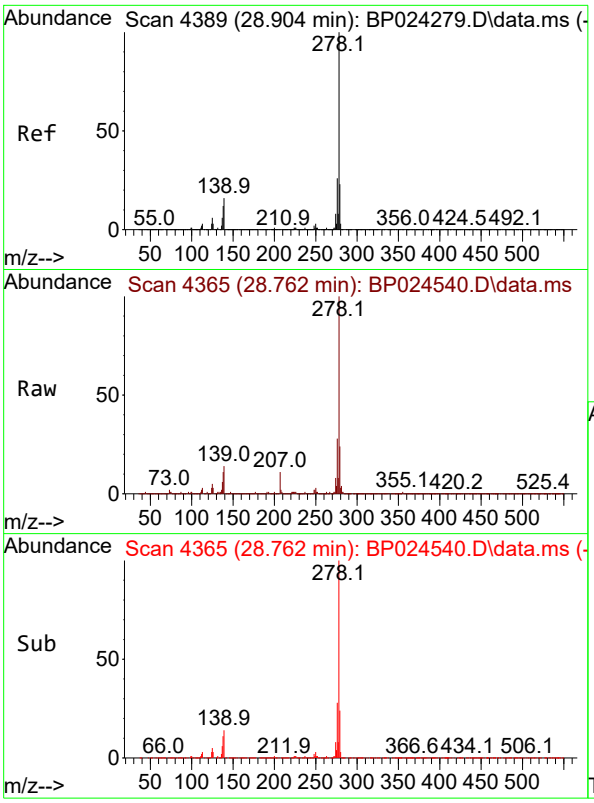


#90
Benzo(a)pyrene
Concen: 38.752 ng
RT: 24.751 min Scan# 3683
Delta R.T. -0.029 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:252 Resp: 2020791

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.5	10.1	15.1



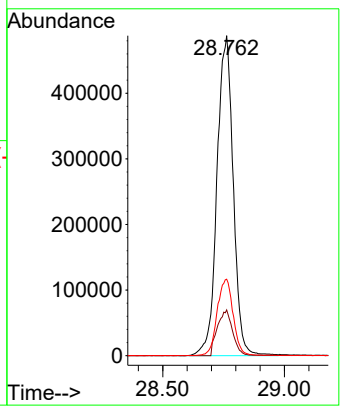


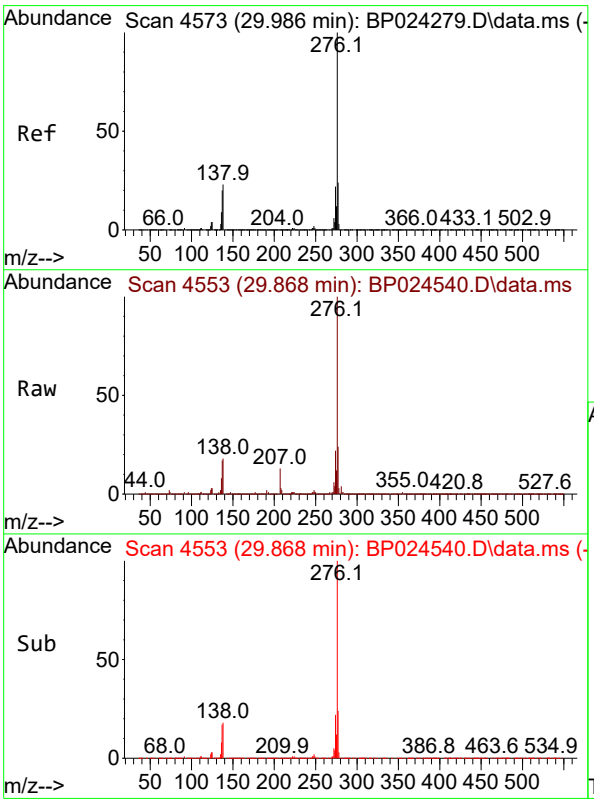
#91
Dibenzo(a,h)anthracene
Concen: 38.980 ng
RT: 28.762 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2265399

Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.6	19.0
279	23.9	18.5	27.7

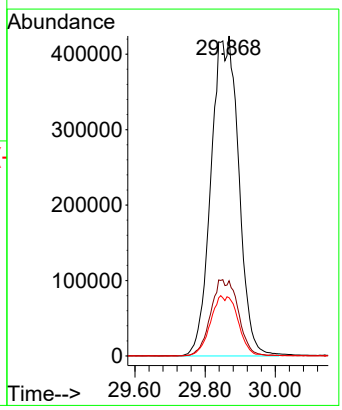




#92
Benzo(g,h,i)perylene
Concen: 39.093 ng m
RT: 29.868 min Scan# 4553
Delta R.T. -0.029 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:276 Resp: 2312588

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	18.2	18.7	28.1#



Sample Results: **BP024540.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	65	-0.02
2		1,4-Dioxane	0.512	0.475	7.2	60	-0.01
3		Pyridine	1.351	1.101	18.5	51	-0.01
4		n-Nitrosodimethylamine	0.448	0.484	-8.0	69	-0.01
5	S	2-Fluorophenol	1.210	1.169	3.4	60	-0.02
6		Aniline	1.480	1.208	18.4	49#	-0.02
7	S	Phenol-d6	1.656	1.490	10.0	55	-0.01
8		2-Chlorophenol	1.350	1.270	5.9	59	-0.02
9		Benzaldehyde	0.819	0.804	1.8	62	-0.02
10	C	Phenol	1.661	1.459	12.2	54	-0.02
11		bis(2-Chloroethyl)ether	1.339	1.163	13.1	54	-0.02
12		1,3-Dichlorobenzene	1.454	1.370	5.8	60	-0.02
13	C	1,4-Dichlorobenzene	1.475	1.396	5.4	61	-0.02
14		1,2-Dichlorobenzene	1.424	1.333	6.4	60	-0.02
15		Benzyl Alcohol	1.071	1.008	5.9	57	-0.02
16		2,2'-oxybis(1-Chloropropane	1.447	1.254	13.3	54	-0.02
17		2-Methylphenol	1.075	0.995	7.4	57	-0.02
18		Hexachloroethane	0.533	0.521	2.3	62	-0.02
19	P	n-Nitroso-di-n-propylamine	1.025	0.887	13.5	53	-0.02
20		3+4-Methylphenols	1.491	1.350	9.5	55	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	60	-0.02
22		Acetophenone	0.495	0.472	4.6	55	-0.02
23	S	Nitrobenzene-d5	0.351	0.343	2.3	56	-0.02
24		Nitrobenzene	0.347	0.336	3.2	56	-0.02
25		Isophorone	0.635	0.588	7.4	53	-0.01
26	C	2-Nitrophenol	0.170	0.180	-5.9	59	-0.02
27		2,4-Dimethylphenol	0.213	0.205	3.8	55	-0.02
28		bis(2-Chloroethoxy)methane	0.429	0.380	11.4	51	-0.02
29	C	2,4-Dichlorophenol	0.291	0.296	-1.7	58	-0.01
30		1,2,4-Trichlorobenzene	0.311	0.314	-1.0	59	-0.02
31		Naphthalene	1.054	1.015	3.7	57	-0.02
32		Benzoic acid	0.248	0.227	8.5	57	0.00
33		4-Chloroaniline	0.371	0.348	6.2	53	-0.02
34	C	Hexachlorobutadiene	0.183	0.197	-7.7	63	-0.02
35		Caprolactam	0.107	0.101	5.6	55	0.00
36	C	4-Chloro-3-methylphenol	0.339	0.336	0.9	57	-0.01
37		2-Methylnaphthalene	0.731	0.692	5.3	55	-0.02
38		1-Methylnaphthalene	0.715	0.674	5.7	56	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	59	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.550	0.573	-4.2	59	-0.02
41	P	Hexachlorocyclopentadiene	0.195	0.199	-2.1	54	-0.02
42	S	2,4,6-Tribromophenol	0.277	0.315	-13.7	64	0.00
43	C	2,4,6-Trichlorophenol	0.366	0.383	-4.6	58	-0.02
44		2,4,5-Trichlorophenol	0.405	0.422	-4.2	58	0.00
45	S	2-Fluorobiphenyl	1.306	1.299	0.5	56	-0.02
46		1,1'-Biphenyl	1.470	1.445	1.7	56	-0.02
47		2-Chloronaphthalene	1.099	1.091	0.7	56	-0.02

Sample Results: **BP024540.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 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	0.308	0.322	-4.5	57	0.00
49		Acenaphthylene	1.730	1.668	3.6	54	-0.01
50		Dimethylphthalate	1.454	1.395	4.1	55	-0.02
51		2,6-Dinitrotoluene	0.309	0.312	-1.0	56	-0.02
52	C	Acenaphthene	1.097	1.042	5.0	54	-0.02
53		3-Nitroaniline	0.325	0.310	4.6	52	-0.01
54	P	2,4-Dinitrophenol	0.182	0.178	2.2	56	0.00
55		Dibenzofuran	1.793	1.687	5.9	54	-0.01
56	P	4-Nitrophenol	0.280	0.244	12.9	47#	0.02
57		2,4-Dinitrotoluene	0.421	0.437	-3.8	57	0.00
58		Fluorene	1.388	1.348	2.9	57	0.00
59		2,3,4,6-Tetrachlorophenol	0.373	0.376	-0.8	57	0.00
60		Diethylphthalate	1.499	1.467	2.1	56	-0.01
61		4-Chlorophenyl-phenylether	0.674	0.672	0.3	58	0.00
62		4-Nitroaniline	0.344	0.336	2.3	54	0.00
63		Azobenzene	1.378	1.285	6.7	53	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	60	0.00
65		4,6-Dinitro-2-methylphenol	0.126	0.125	0.8	57	0.00
66	c	n-Nitrosodiphenylamine	0.597	0.575	3.7	55	0.00
67		4-Bromophenyl-phenylether	0.219	0.228	-4.1	59	0.00
68		Hexachlorobenzene	0.260	0.277	-6.5	61	-0.01
69		Atrazine	0.152	0.140	7.9	69	-0.01
70	C	Pentachlorophenol	0.181	0.191	-5.5	58	-0.01
71		Phenanthrene	1.091	1.036	5.0	55	0.00
72		Anthracene	1.052	1.032	1.9	55	0.00
73		Carbazole	1.027	0.997	2.9	55	0.00
74		Di-n-butylphthalate	1.280	1.303	-1.8	56	-0.01
75	C	Fluoranthene	1.298	1.282	1.2	57	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	63	-0.01
77		Benzidine	0.254	0.197	22.4	29#	0.00
78		Pyrene	1.271	1.167	8.2	56	0.00
79	S	Terphenyl-d14	0.992	0.978	1.4	60	-0.01
80		Butylbenzylphthalate	0.544	0.545	-0.2	58	-0.01
81		Benzo(a)anthracene	1.243	1.199	3.5	59	0.00
82		3,3'-Dichlorobenzidine	0.436	0.430	1.4	56	-0.01
83		Chrysene	1.191	1.148	3.6	60	-0.01
84		Bis(2-ethylhexyl)phthalate	0.798	0.796	0.3	56	-0.02
85	c	Di-n-octyl phthalate	1.297	1.373	-5.9	59	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	68	-0.04
87		Indeno(1,2,3-cd)pyrene	1.388	1.369	1.4	64	-0.05
88		Benzo(b)fluoranthene	1.199	1.159	3.3	63	-0.02
89		Benzo(k)fluoranthene	1.158	1.069	7.7	60	-0.02
90	C	Benzo(a)pyrene	1.034	1.002	3.1	62	-0.03
91		Dibenzo(a,h)anthracene	1.152	1.123	2.5	63	-0.04
92		Benzo(g,h,i)perylene	1.173	1.146	2.3	64	-0.03

Sample Results: **BP024540.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 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: **BP024540.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	65	-0.02
2		1,4-Dioxane	40.000	37.172	7.1	60	-0.01
3		Pyridine	40.000	32.601	18.5	51	-0.01
4		n-Nitrosodimethylamine	40.000	43.215	-8.0	69	-0.01
5	S	2-Fluorophenol	80.000	77.338	3.3	60	-0.02
6		Aniline	40.000	32.636	18.4	49	-0.02
7	S	Phenol-d6	80.000	71.968	10.0	55	-0.01
8		2-Chlorophenol	40.000	37.602	6.0	59	-0.02
9		Benzaldehyde	40.000	39.230	1.9	62	-0.02
10	C	Phenol	40.000	35.129	12.2	54	-0.02
11		bis(2-Chloroethyl)ether	40.000	34.764	13.1	54	-0.02
12		1,3-Dichlorobenzene	40.000	37.686	5.8	60	-0.02
13	C	1,4-Dichlorobenzene	40.000	37.859	5.4	61	-0.02
14		1,2-Dichlorobenzene	40.000	37.444	6.4	60	-0.02
15		Benzyl Alcohol	40.000	37.653	5.9	57	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	34.660	13.4	54	-0.02
17		2-Methylphenol	40.000	37.028	7.4	57	-0.02
18		Hexachloroethane	40.000	39.103	2.2	62	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	34.618	13.5	53	-0.02
20		3+4-Methylphenols	40.000	36.217	9.5	55	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	60	-0.02
22		Acetophenone	40.000	38.145	4.6	55	-0.02
23	S	Nitrobenzene-d5	80.000	78.239	2.2	56	-0.02
24		Nitrobenzene	40.000	38.728	3.2	56	-0.02
25		Isophorone	40.000	37.074	7.3	53	-0.01
26	C	2-Nitrophenol	40.000	42.484	-6.2	59	-0.02
27		2,4-Dimethylphenol	40.000	38.539	3.7	55	-0.02
28		bis(2-Chloroethoxy)methane	40.000	35.422	11.4	51	-0.02
29	C	2,4-Dichlorophenol	40.000	40.729	-1.8	58	-0.01
30		1,2,4-Trichlorobenzene	40.000	40.360	-0.9	59	-0.02
31		Naphthalene	40.000	38.523	3.7	57	-0.02
32		Benzoic acid	40.000	36.540	8.7	57	0.00
33		4-Chloroaniline	40.000	37.567	6.1	53	-0.02
34	C	Hexachlorobutadiene	40.000	43.020	-7.6	63	-0.02
35		Caprolactam	40.000	37.754	5.6	55	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.670	0.8	57	-0.01
37		2-Methylnaphthalene	40.000	37.908	5.2	55	-0.02
38		1-Methylnaphthalene	40.000	37.739	5.7	56	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	59	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	41.672	-4.2	59	-0.02
41	P	Hexachlorocyclopentadiene	40.000	41.024	-2.6	54	-0.02
42	S	2,4,6-Tribromophenol	80.000	90.973	-13.7	64	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.862	-4.7	58	-0.02
44		2,4,5-Trichlorophenol	40.000	41.735	-4.3	58	0.00
45	S	2-Fluorobiphenyl	80.000	79.554	0.6	56	-0.02
46		1,1'-Biphenyl	40.000	39.325	1.7	56	-0.02
47		2-Chloronaphthalene	40.000	39.714	0.7	56	-0.02

Sample Results: **BP024540.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 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	41.835	-4.6	57	0.00
49		Acenaphthylene	40.000	38.563	3.6	54	-0.01
50		Dimethylphthalate	40.000	38.365	4.1	55	-0.02
51		2,6-Dinitrotoluene	40.000	40.375	-0.9	56	-0.02
52	C	Acenaphthene	40.000	38.017	5.0	54	-0.02
53		3-Nitroaniline	40.000	38.224	4.4	52	-0.01
54	P	2,4-Dinitrophenol	40.000	39.091	2.3	56	0.00
55		Dibenzofuran	40.000	37.642	5.9	54	-0.01
56	P	4-Nitrophenol	40.000	34.863	12.8	47	0.02
57		2,4-Dinitrotoluene	40.000	41.453	-3.6	57	0.00
58		Fluorene	40.000	38.866	2.8	57	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.253	-0.6	57	0.00
60		Diethylphthalate	40.000	39.149	2.1	56	-0.01
61		4-Chlorophenyl-phenylether	40.000	39.894	0.3	58	0.00
62		4-Nitroaniline	40.000	39.125	2.2	54	0.00
63		Azobenzene	40.000	37.300	6.8	53	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	60	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.598	1.0	57	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.554	3.6	55	0.00
67		4-Bromophenyl-phenylether	40.000	41.659	-4.1	59	0.00
68		Hexachlorobenzene	40.000	42.643	-6.6	61	-0.01
69		Atrazine	40.000	36.800	8.0	69	-0.01
70	C	Pentachlorophenol	40.000	42.038	-5.1	58	-0.01
71		Phenanthrene	40.000	37.968	5.1	55	0.00
72		Anthracene	40.000	39.248	1.9	55	0.00
73		Carbazole	40.000	38.820	2.9	55	0.00
74		Di-n-butylphthalate	40.000	40.715	-1.8	56	-0.01
75	C	Fluoranthene	40.000	39.506	1.2	57	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	63	-0.01
77		Benzidine	40.000	31.123	22.2	29	0.00
78		Pyrene	40.000	36.725	8.2	56	0.00
79	S	Terphenyl-d14	80.000	78.863	1.4	60	-0.01
80		Butylbenzylphthalate	40.000	40.047	-0.1	58	-0.01
81		Benzo(a)anthracene	40.000	38.589	3.5	59	0.00
82		3,3'-Dichlorobenzidine	40.000	39.464	1.3	56	-0.01
83		Chrysene	40.000	38.547	3.6	60	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	39.920	0.2	56	-0.02
85	c	Di-n-octyl phthalate	40.000	42.333	-5.8	59	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	68	-0.04
87		Indeno(1,2,3-cd)pyrene	40.000	39.427	1.4	64	-0.05
88		Benzo(b)fluoranthene	40.000	38.682	3.3	63	-0.02
89		Benzo(k)fluoranthene	40.000	36.923	7.7	60	-0.02
90	C	Benzo(a)pyrene	40.000	38.752	3.1	62	-0.03
91		Dibenzo(a,h)anthracene	40.000	38.980	2.6	63	-0.04
92		Benzo(g,h,i)perylene	40.000	39.093	2.3	64	-0.03

Sample Results: **BP024540.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 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

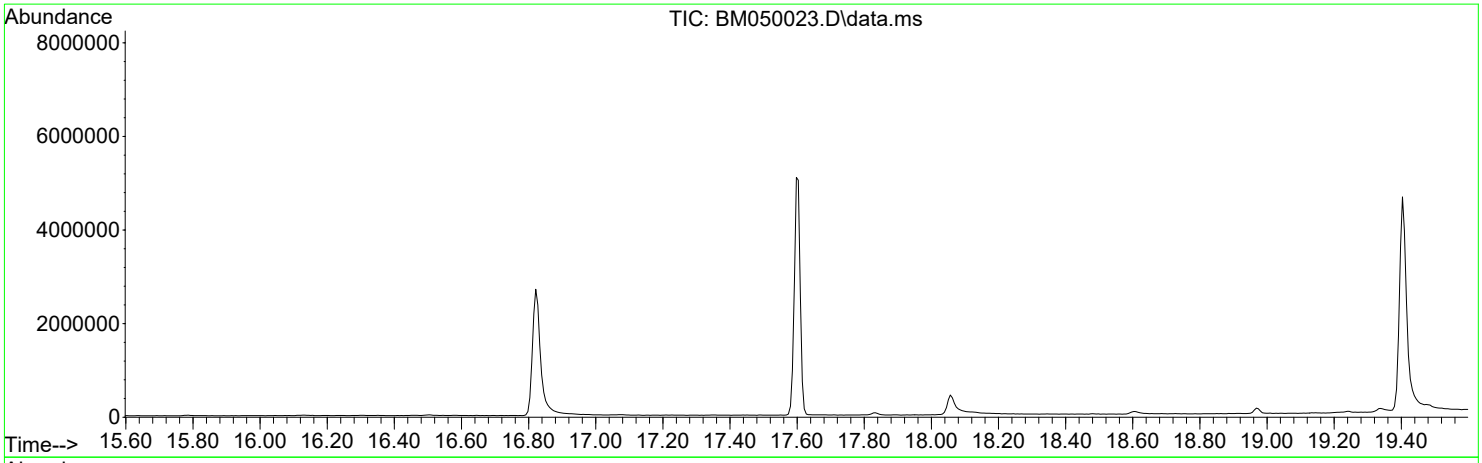
Sample Results: **BM050023.D**

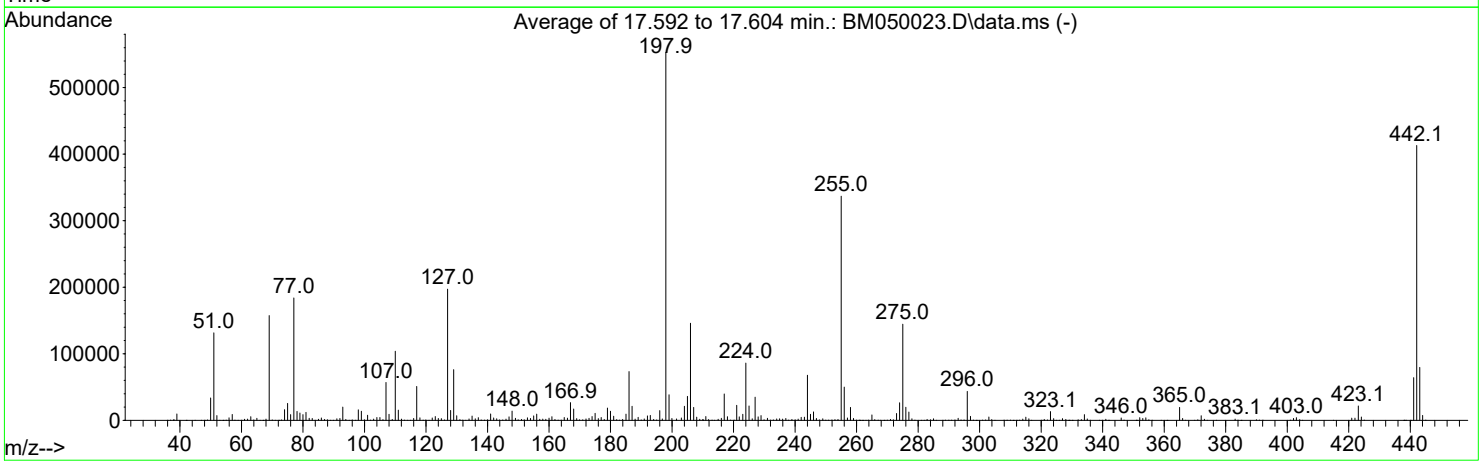
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025





AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2476

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	23.8	131521	PASS
68	69	0.00	2	1.3	2026	PASS
69	198	0.00	100	28.5	157569	PASS
70	69	0.00	2	0.4	660	PASS
127	198	10	80	35.7	197099	PASS
197	198	0.00	2	0.4	2228	PASS
198	198	100	100	100.0	552704	PASS
199	198	5	9	7.0	38461	PASS
275	198	10	60	26.2	144571	PASS
365	198	1	100	3.5	19537	PASS
441	198	0.01	100	11.6	64259	PASS
442	442	50	100	100.0	413099	PASS
443	442	15	24	19.3	79557	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/28/2025	BNA_M	BM050023.D
Compound Name	**Response**	**Retention Time**
DDT	1978095	20.639
DDD	17600	20.251
DDE	1351	19.692
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
18951	1997046	0.95

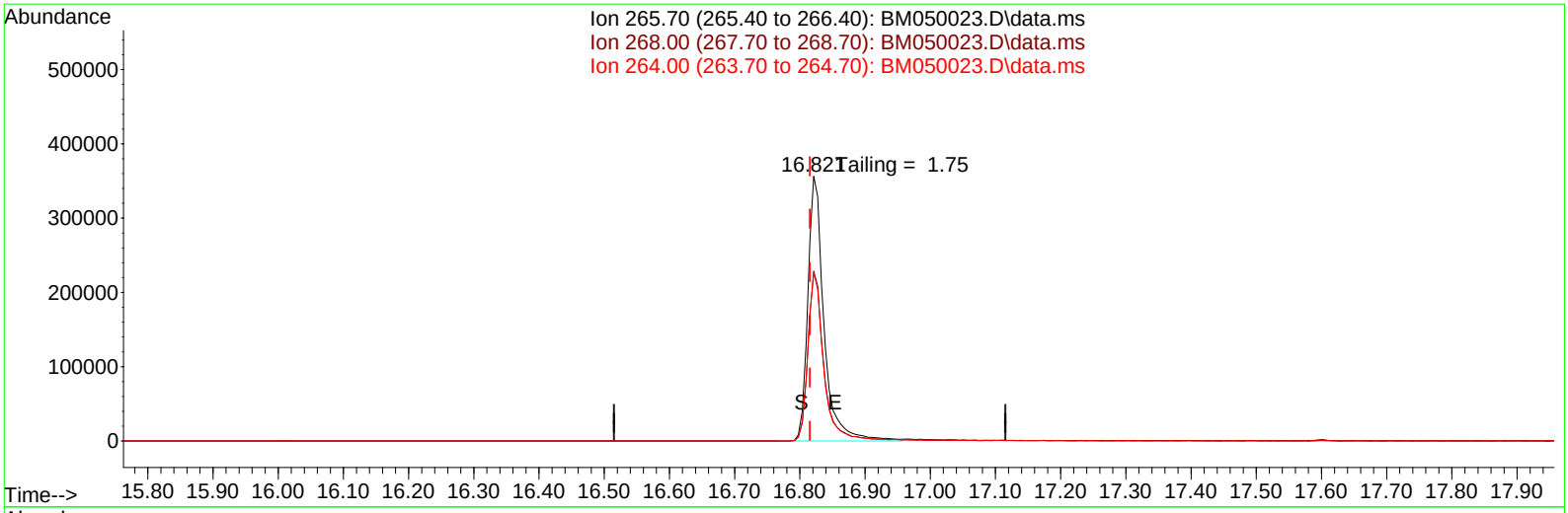
Instrument :
BNA_M
ClientSampleId :
DFTPP

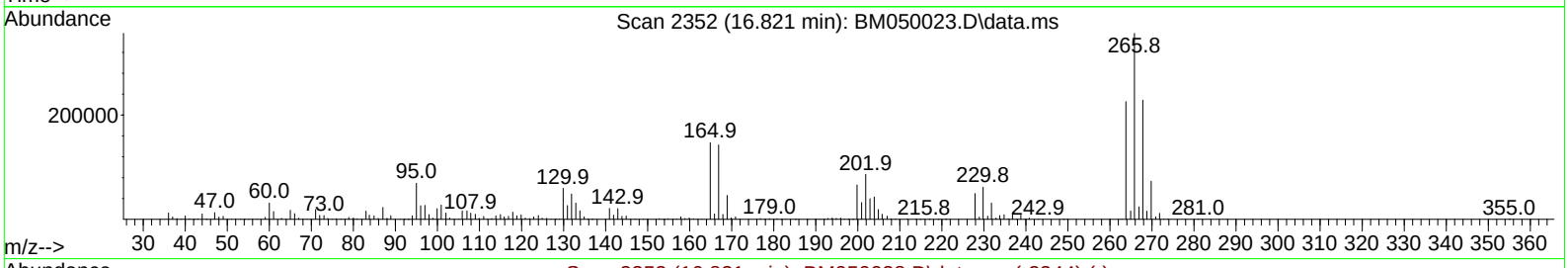
Sample Results: **BM050023.D**

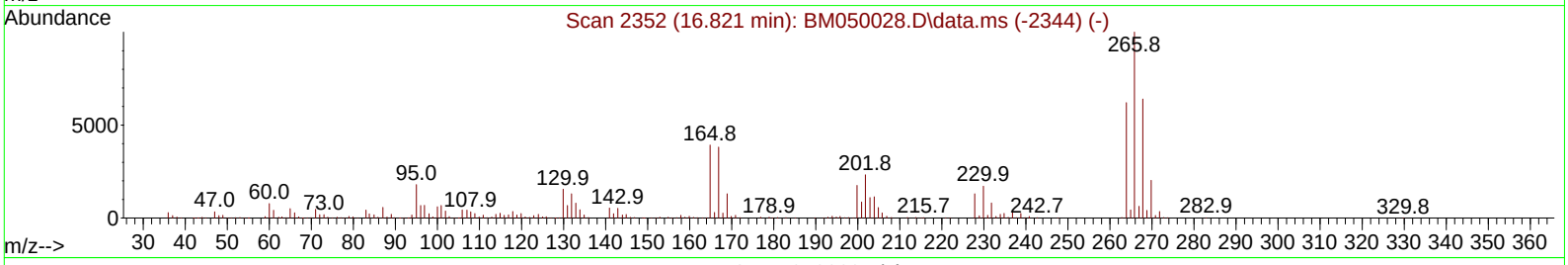
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration







TIC: BM050023.D\data.ms

(70) Pentachlorophenol (C)

16.821min (+ 0.006) 652247.26 ng

response 613835

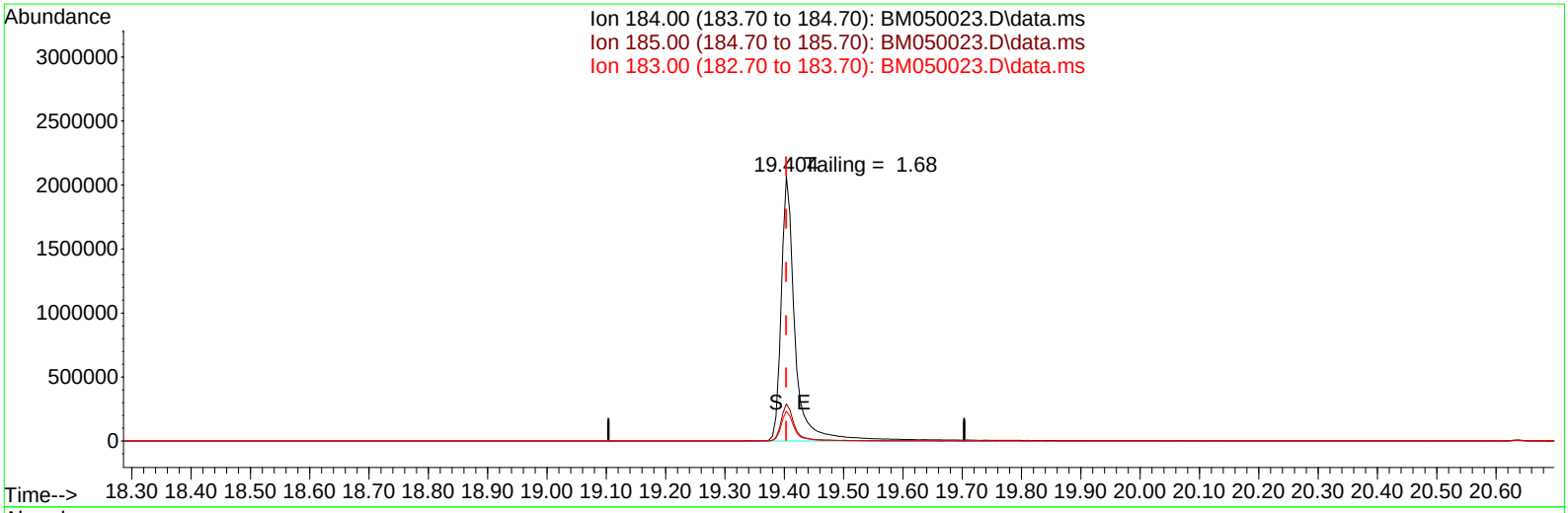
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.30	64.13
264.00	62.30	63.38
0.00	0.00	0.00

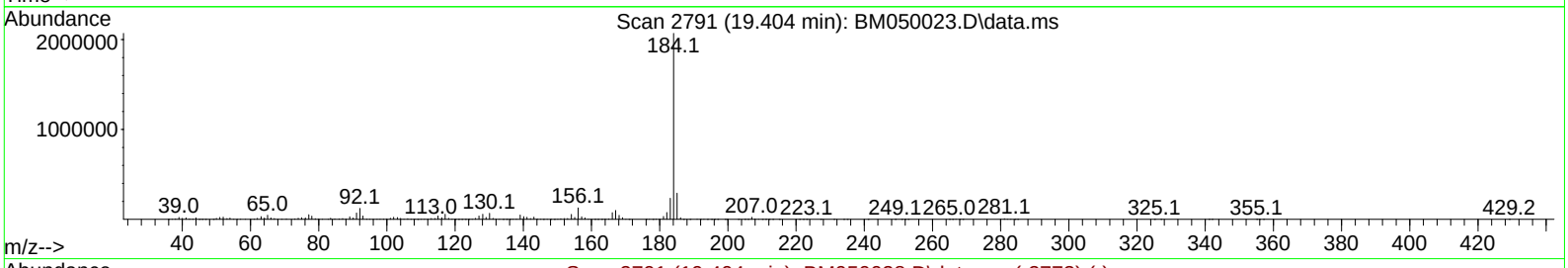
Sample Results: **BM050023.D**

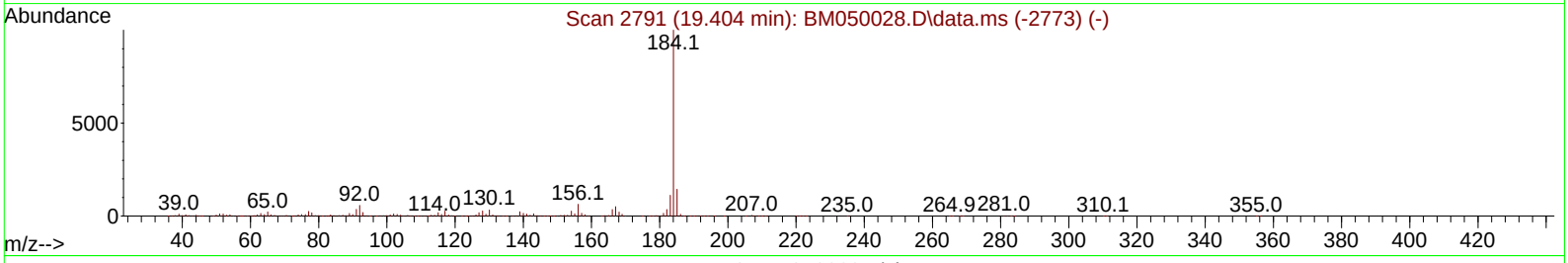
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration







TIC: BM050023.D\data.ms

(77) Benzidine

19.404min (+ 0.000) 1761877.84 ng

response 3412576

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.06
183.00	11.00	11.29
0.00	0.00	0.00

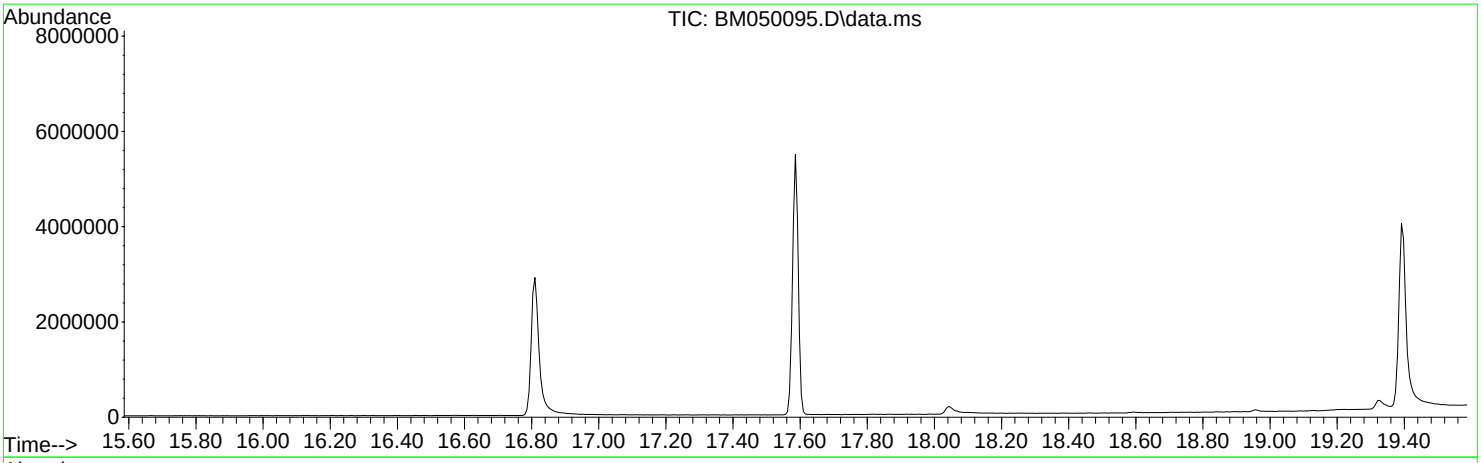
Sample Results: **BM050095.D**

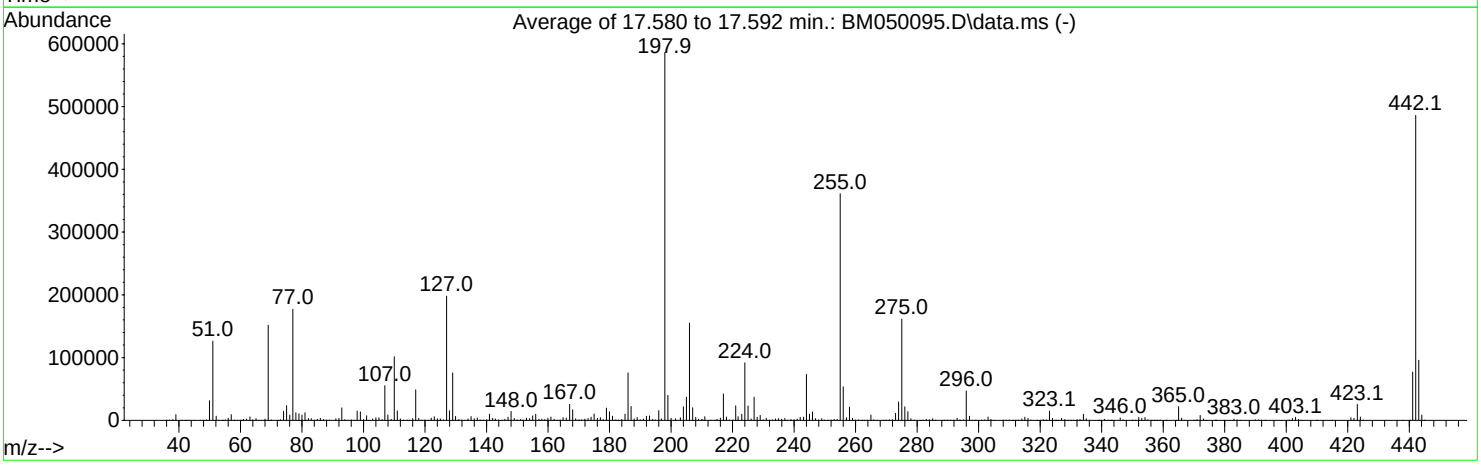
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050095.D
Acq On : 05 May 2025 11:39
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025





AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2474

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	21.5	126193	PASS
68	69	0.00	2	1.4	2128	PASS
69	198	0.00	100	25.9	151749	PASS
70	69	0.00	2	0.5	753	PASS
127	198	10	80	33.8	197867	PASS
197	198	0.00	2	0.4	2535	PASS
198	198	100	100	100.0	586155	PASS
199	198	5	9	6.8	39909	PASS
275	198	10	60	27.5	161365	PASS
365	198	1	100	3.8	21988	PASS
441	198	0.01	100	13.2	77099	PASS
442	442	50	100	100.0	485995	PASS
443	442	15	24	19.7	95787	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/5/2025	BNA_M	BM050095.D
Compound Name	**Response**	**Retention Time**
DDT	1857543	20.627
DDD	41765	20.192
DDE	2860	19.68
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
44625	1902168	2.35

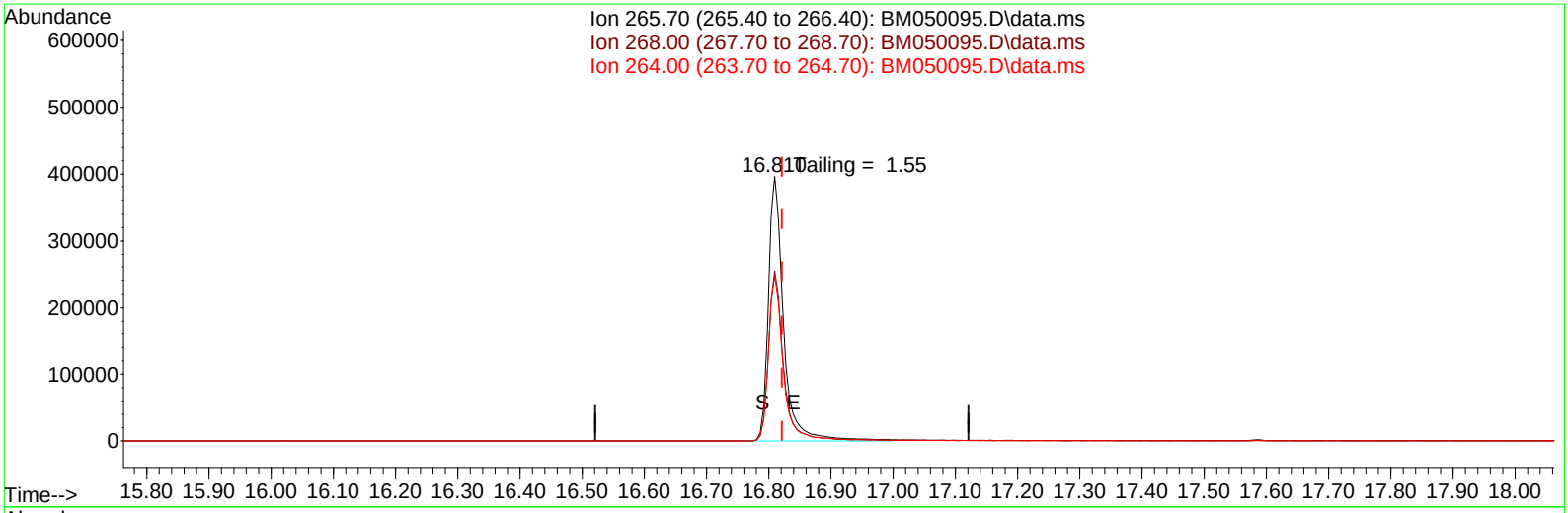
Instrument :
BNA_M
ClientSampleId :
DFTPP

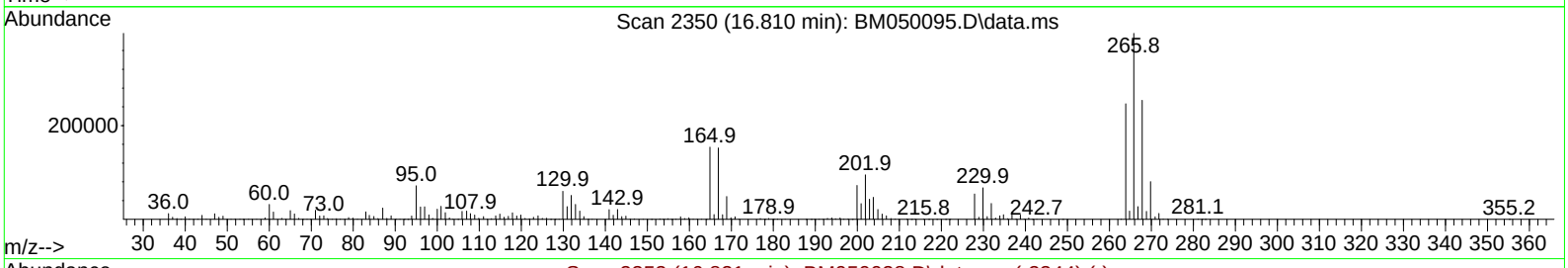
Sample Results: **BM050095.D**

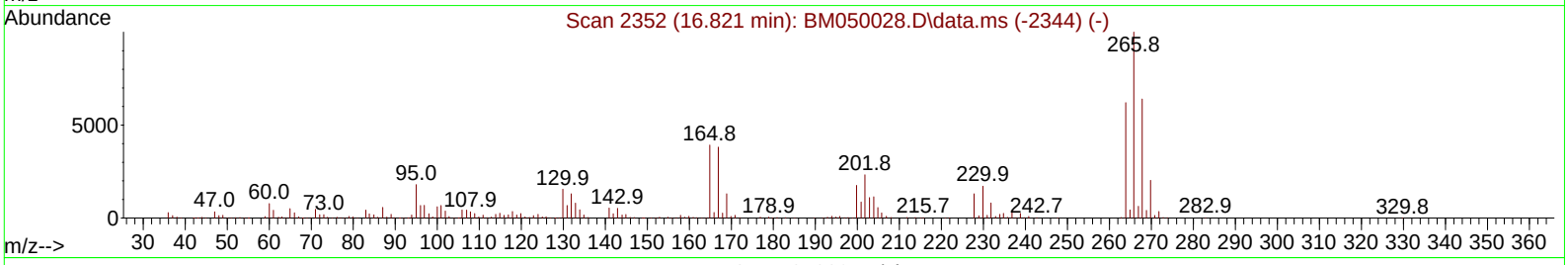
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050095.D
Acq On : 05 May 2025 11:39
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 05 12:15:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050095.D\data.ms

(70) Pentachlorophenol (C)

16.810min (-0.011) 1373115.00 ng

response 678757

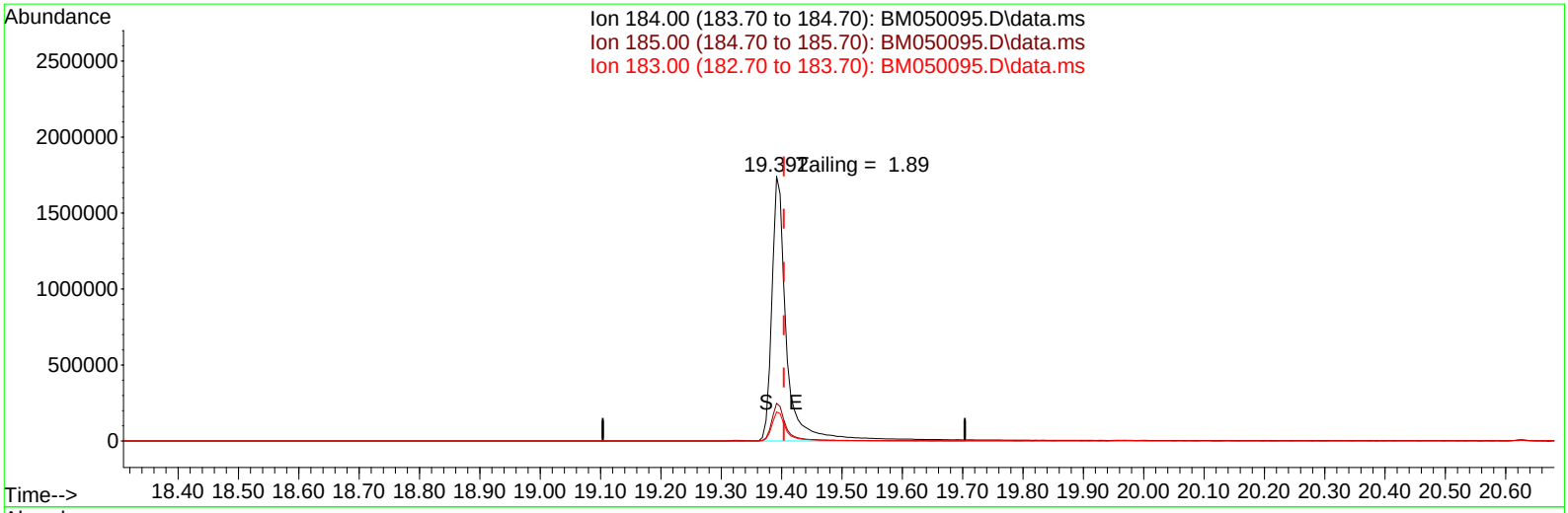
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.00	64.04
264.00	62.00	62.19
0.00	0.00	0.00

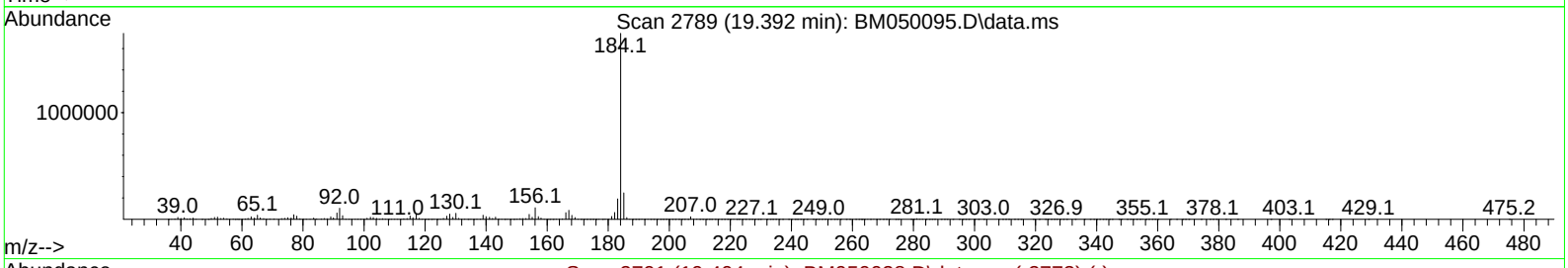
Sample Results: **BM050095.D**

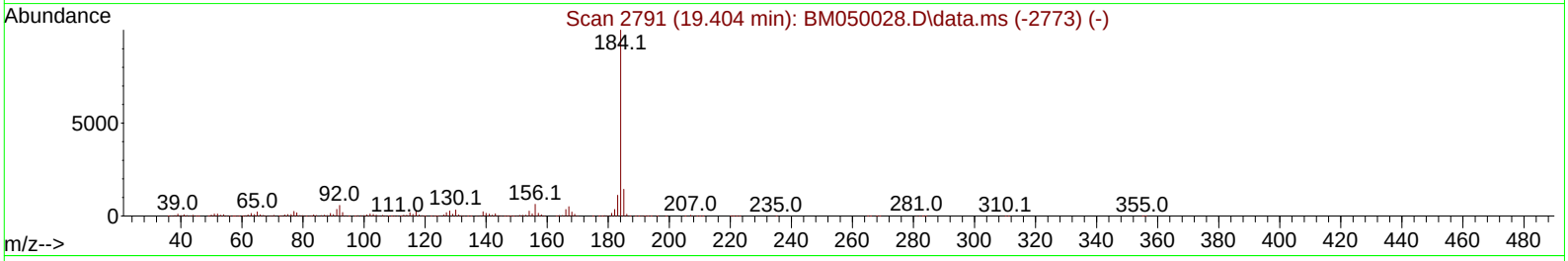
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050095.D
Acq On : 05 May 2025 11:39
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 05 12:15:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050095.D\data.ms

(77) Benzidine

19.392min (-0.012) 74251.17 ng

response 2996145

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.25
183.00	11.10	11.02
0.00	0.00	0.00

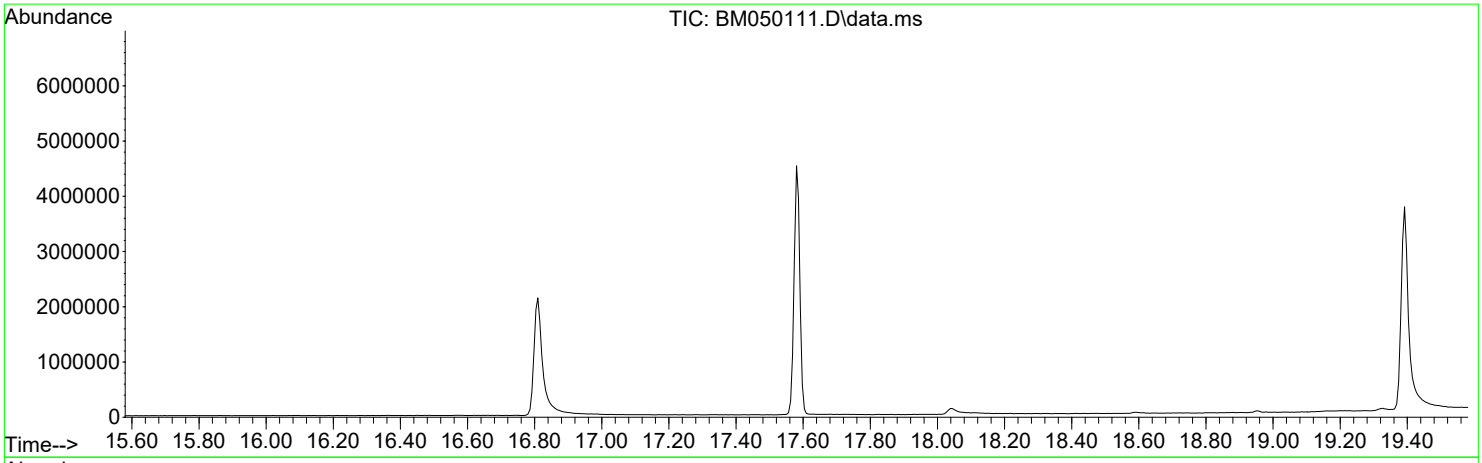
Sample Results: **BM050111.D**

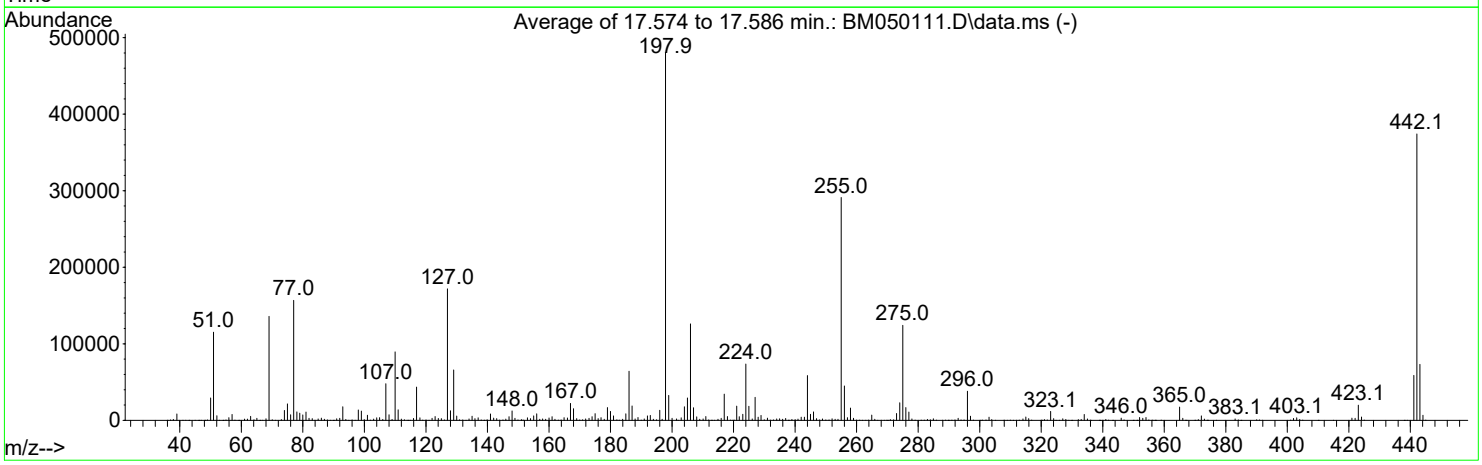
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050111.D
Acq On : 06 May 2025 09:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025





AutoFind: Scans 2480, 2481, 2482; Background Corrected with Scan 2473

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	24.0	115234	PASS
68	69	0.00	2	1.5	2089	PASS
69	198	0.00	100	28.3	135803	PASS
70	69	0.00	2	0.6	795	PASS
127	198	10	80	35.7	171797	PASS
197	198	0.00	2	0.3	1392	PASS
198	198	100	100	100.0	480576	PASS
199	198	5	9	6.8	32581	PASS
275	198	10	60	25.9	124248	PASS
365	198	1	100	3.6	17315	PASS
441	198	0.01	100	12.2	58832	PASS
442	442	50	100	100.0	374165	PASS
443	442	15	24	19.6	73187	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/6/2025	BNA_M	BM050111.D
Compound Name	**Response**	**Retention Time**
DDT	1573453	20.621
DDD	31388	20.186
DDE	2518	19.68
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
33906	1607359	2.11

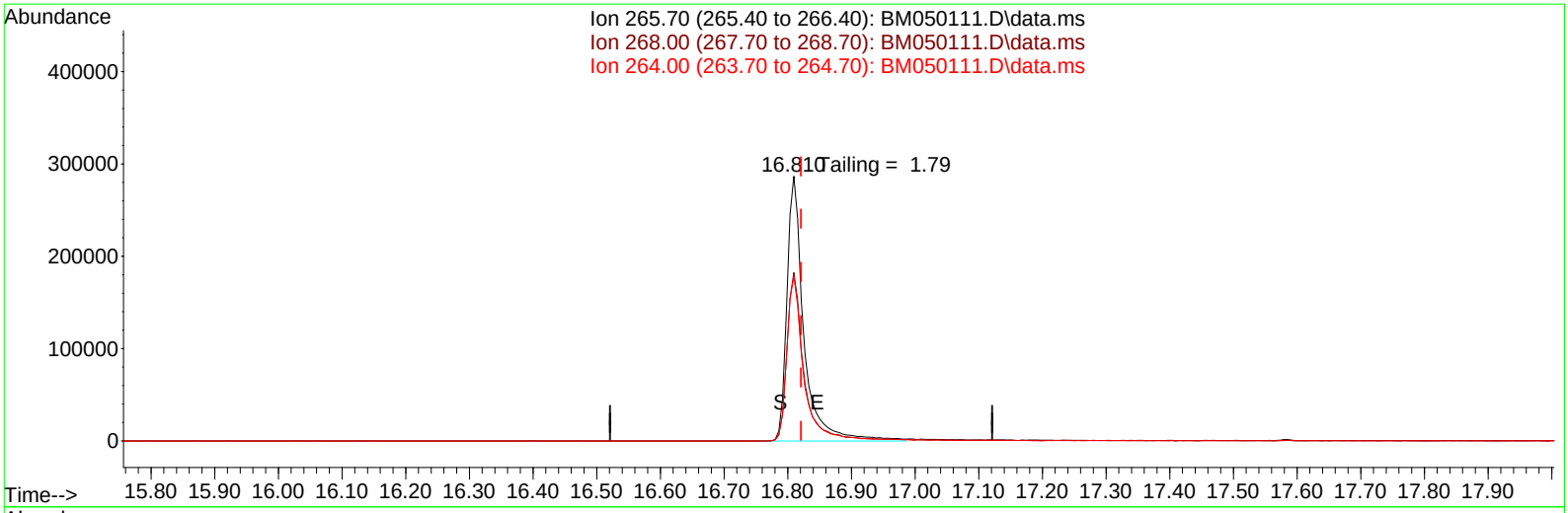
Instrument :
BNA_M
ClientSampleId :
DFTPP

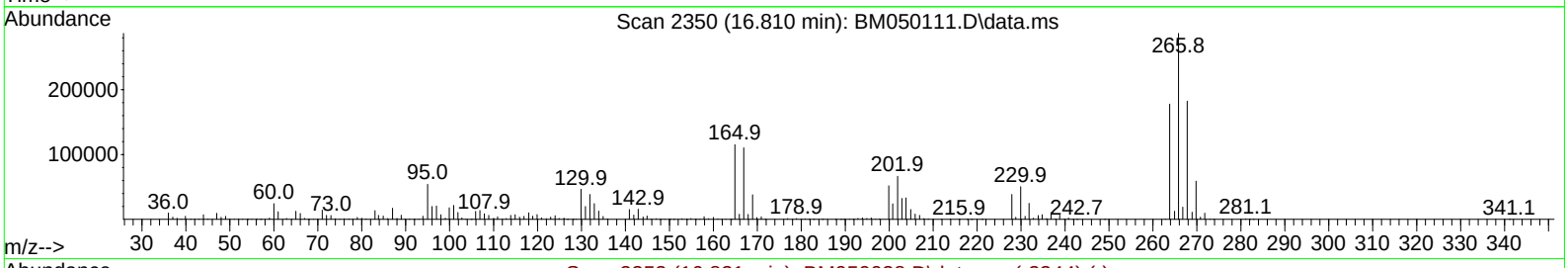
Sample Results: **BM050111.D**

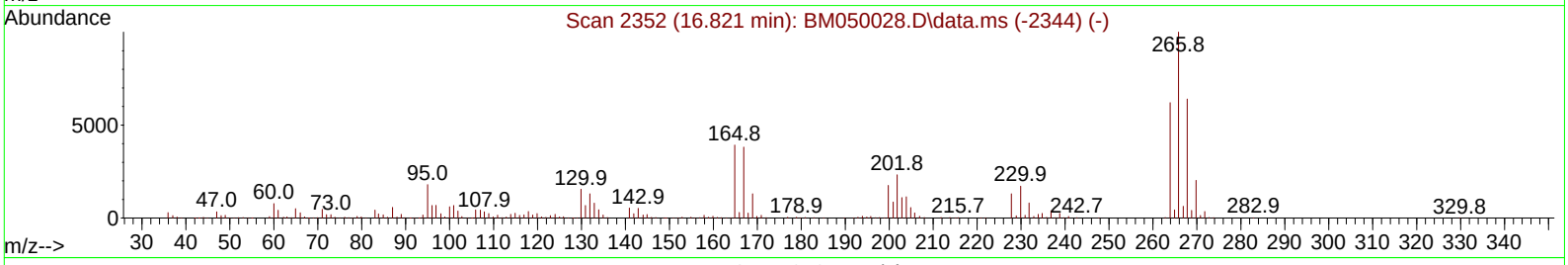
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050111.D
Acq On : 06 May 2025 09:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 06 11:38:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050111.D\data.ms

(70) Pentachlorophenol (C)

16.810min (-0.012) 0.00 ng m

response 531699

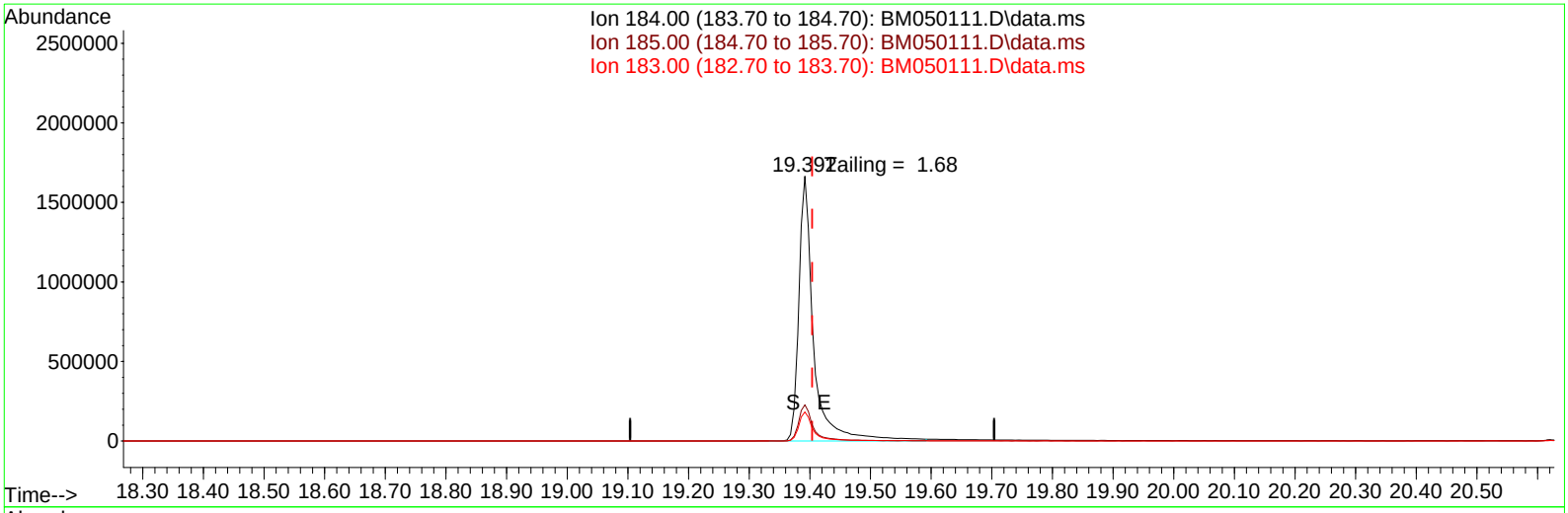
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.00	63.59
264.00	62.00	61.99
0.00	0.00	0.00

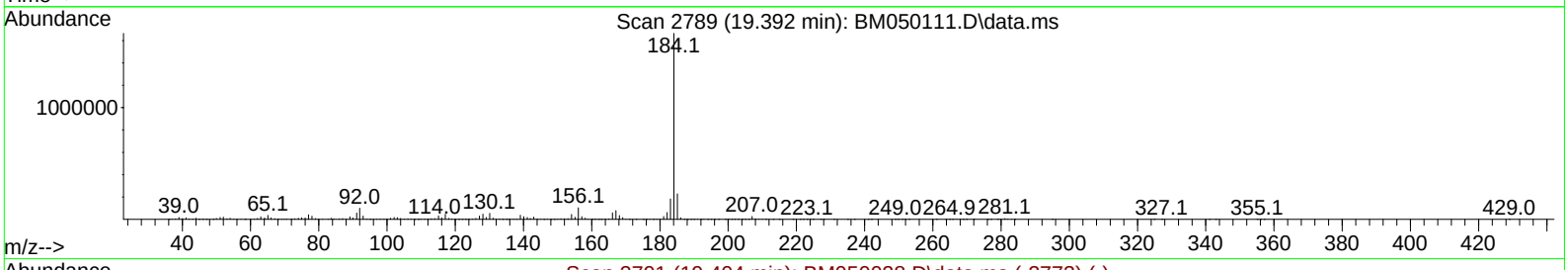
Sample Results: **BM050111.D**

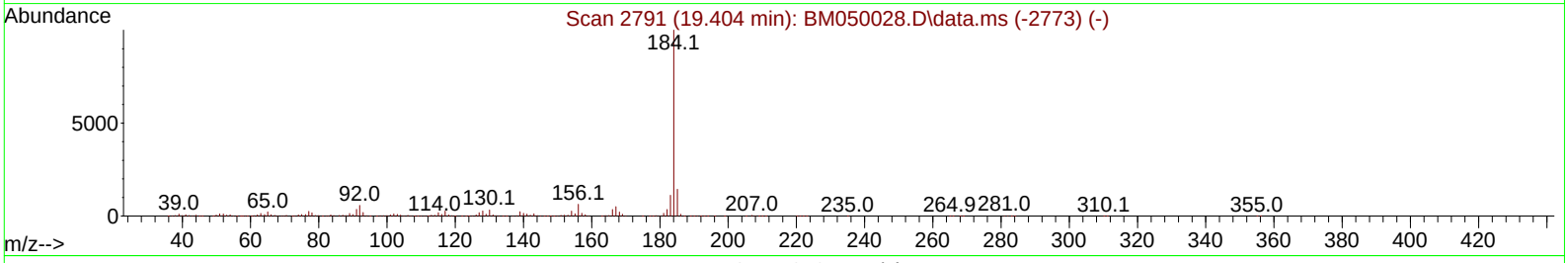
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050111.D
Acq On : 06 May 2025 09:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 06 11:38:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050111.D\data.ms

(77) Benzidine

19.392min (-0.012) 37075.87 ng

response 2852535

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.70
183.00	11.10	11.01
0.00	0.00	0.00

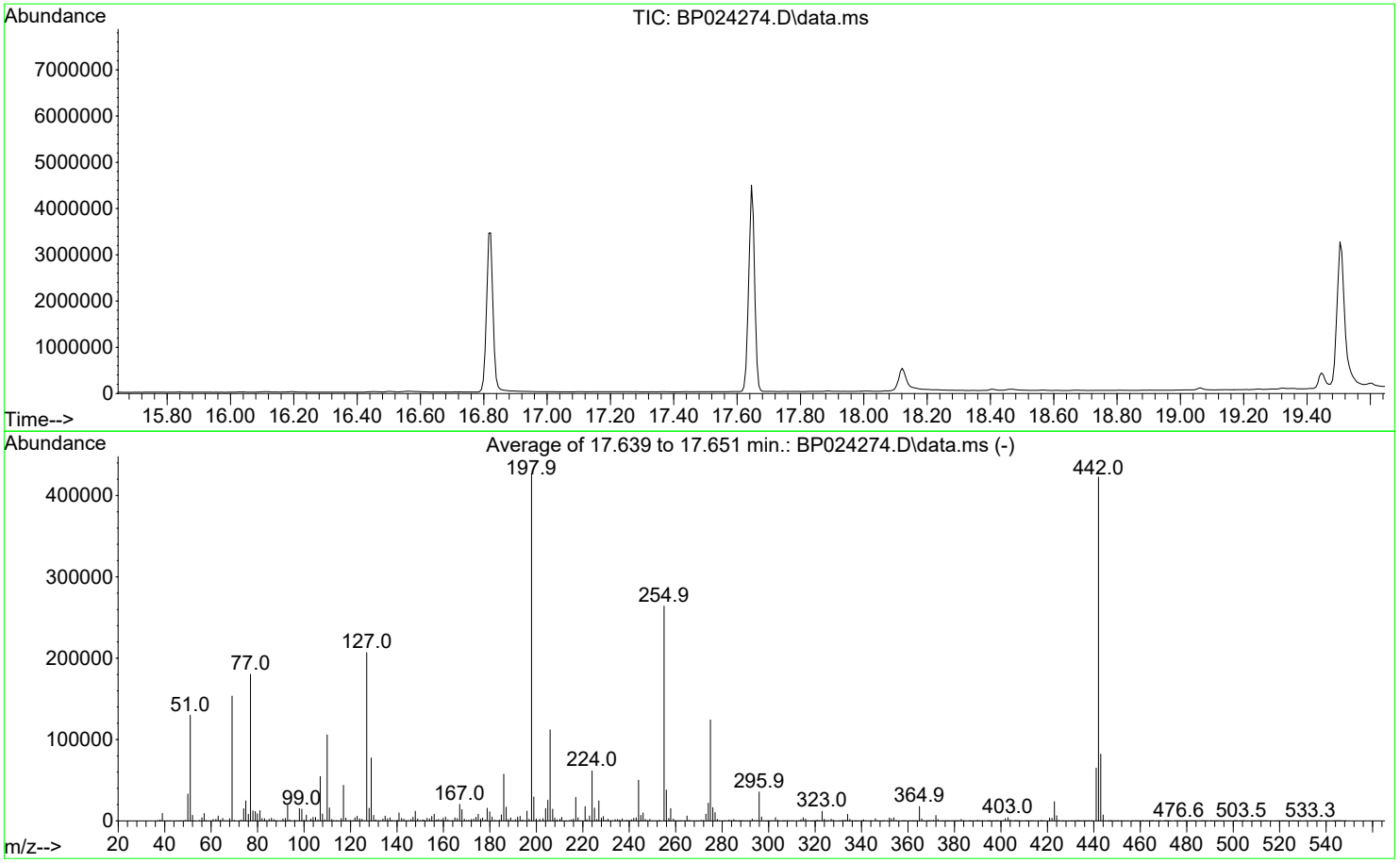
Sample Results: **BP024274.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024274.D
Acq On : 14 Apr 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 15 04:48:42 2025



AutoFind: Scans 2474, 2475, 2476; Background Corrected with Scan 2463

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.4	129796	PASS
68	69	0.00	2	1.8	2815	PASS
69	198	0.00	100	36.0	153442	PASS
70	69	0.00	2	0.5	836	PASS
127	198	10	80	48.5	206858	PASS
197	198	0.00	2	0.5	2122	PASS
198	198	100	100	100.0	426527	PASS
199	198	5	9	6.9	29549	PASS
275	198	10	60	29.1	124199	PASS
365	198	1	100	4.1	17663	PASS
441	198	0.01	100	15.2	64862	PASS
442	442	100	100	100.0	422528	PASS
443	442	15	24	19.4	82090	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/14/2025	BNA_P	BP024274.D
Compound Name	**Response**	**Retention Time**
DDT	1715151	20.798
DDD	26002	20.386
DDE	1572	19.81
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
27574	1742725	1.58

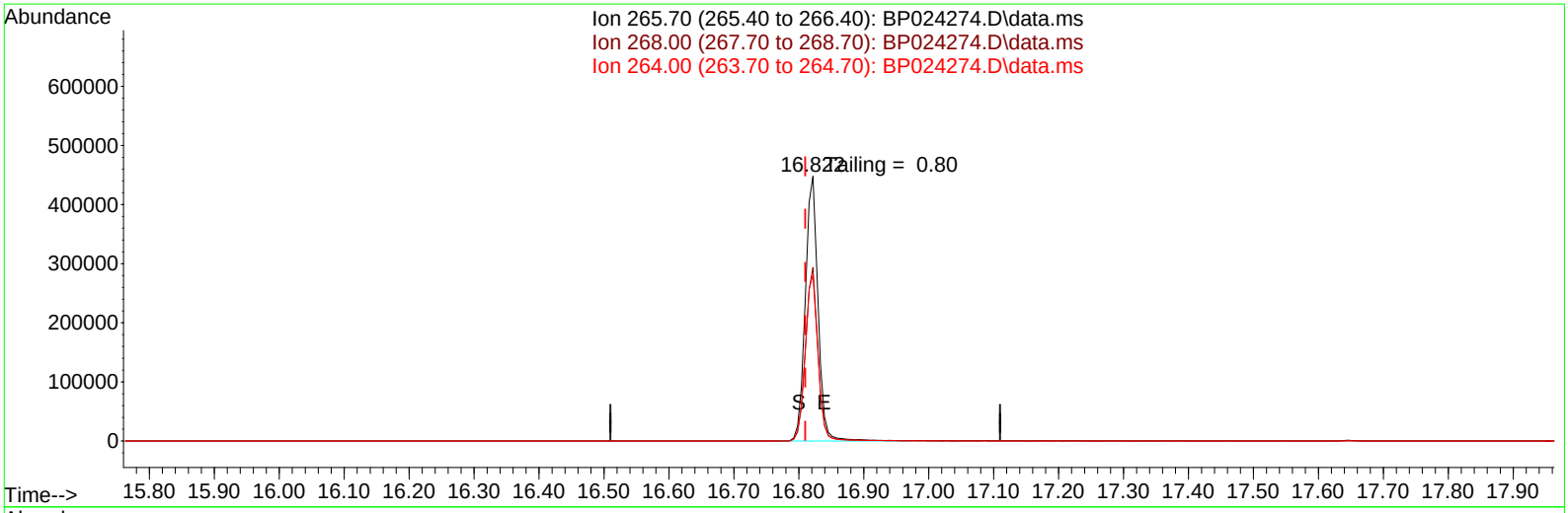
Instrument :
BNA_P
ClientSampleId :
DFTPP

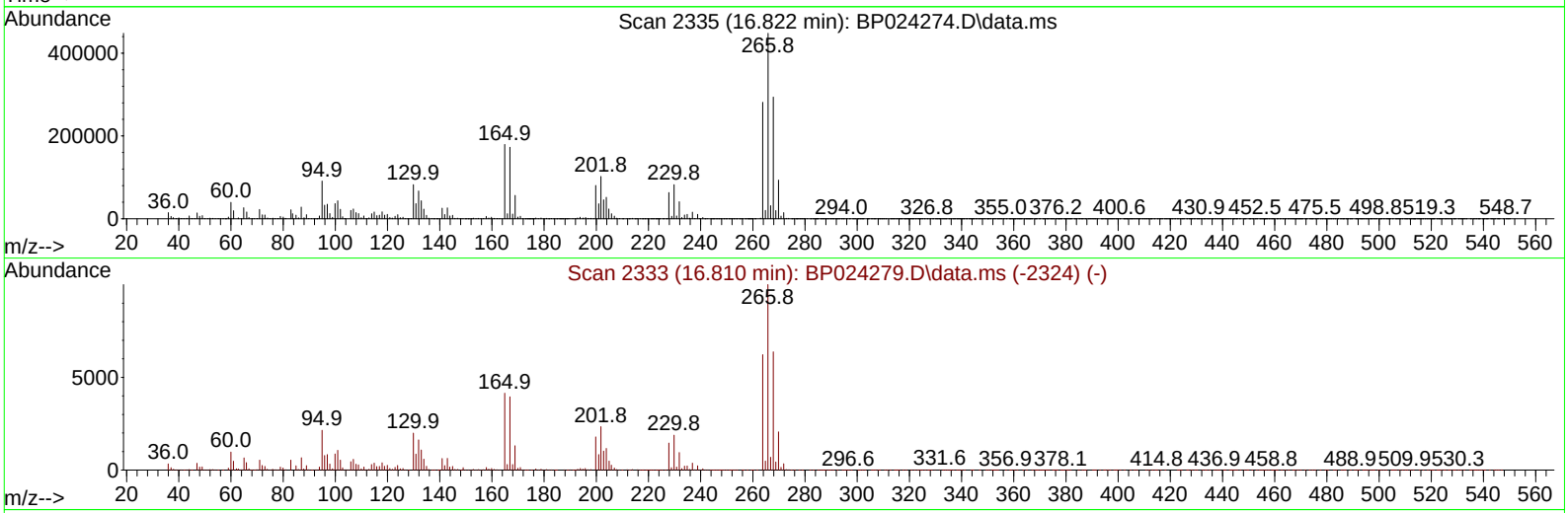
Sample Results: **BP024274.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024274.D
Acq On : 14 Apr 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Apr 14 15:07:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 15:04:09 2025
Response via : Initial Calibration





TIC: BP024274.D\data.ms

(70) Pentachlorophenol (C)

16.822min (+ 0.012) 3117222.42 ng

response 611847

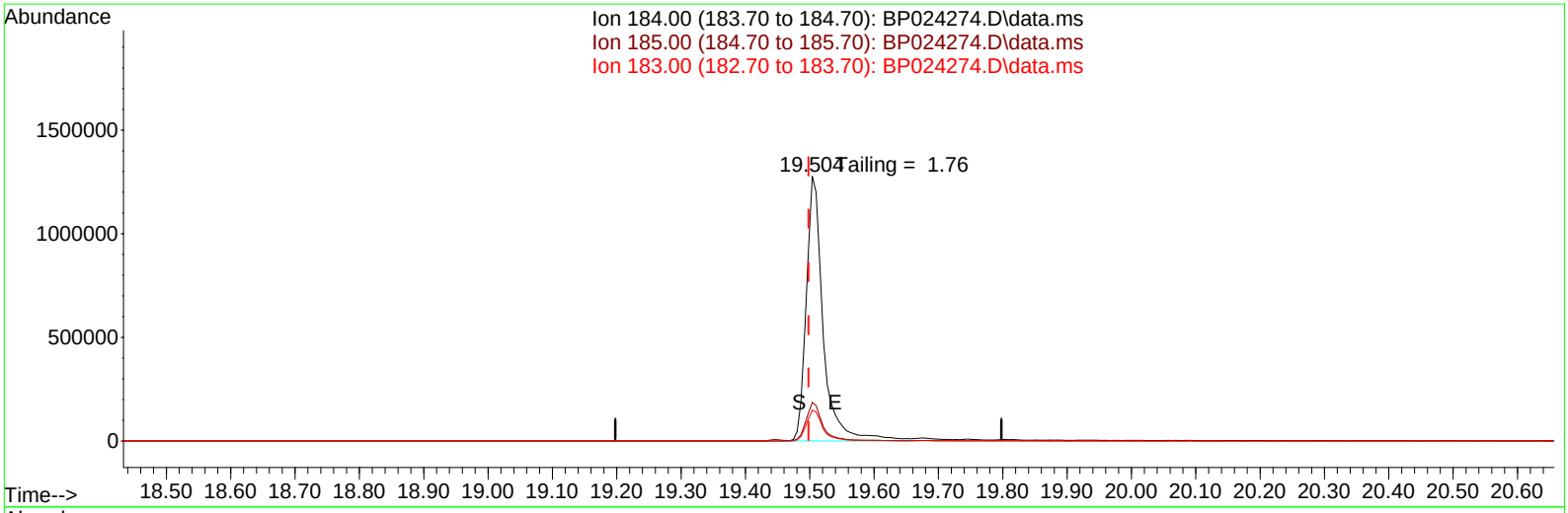
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	65.61
264.00	62.20	62.81
0.00	0.00	0.00

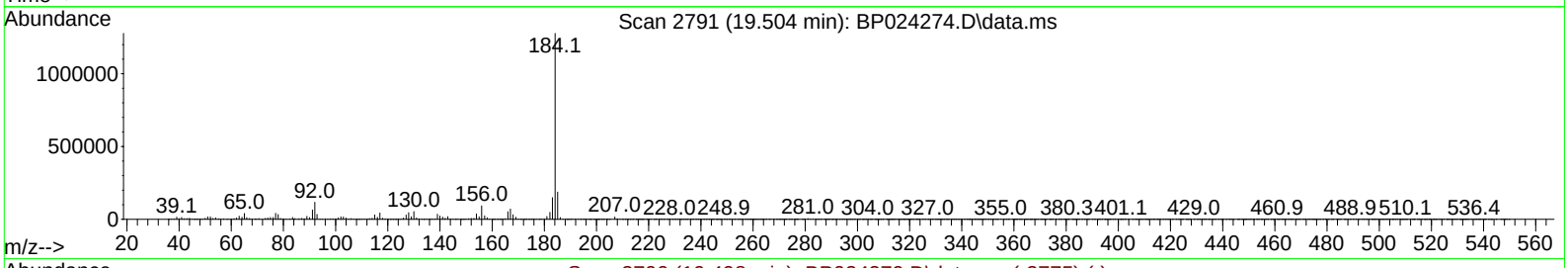
Sample Results: **BP024274.D**

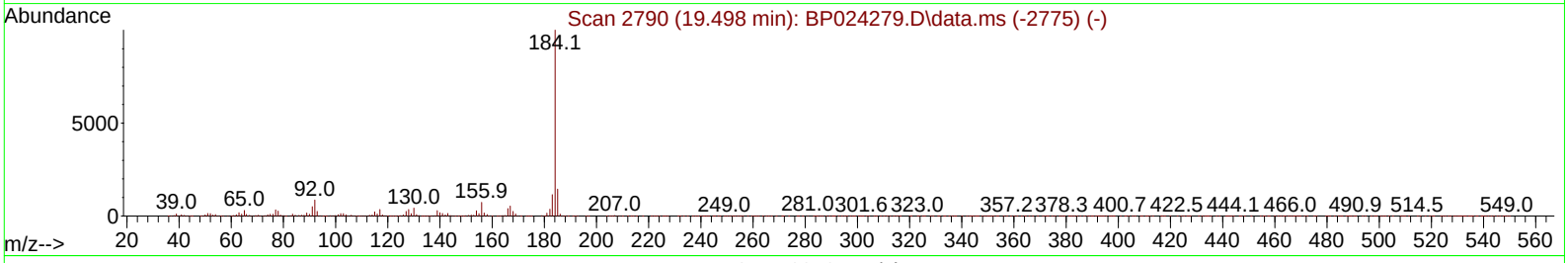
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024274.D
Acq On : 14 Apr 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Apr 14 15:07:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 15:04:09 2025
Response via : Initial Calibration







TIC: BP024274.D\data.ms

(77) Benzidine

19.504min (+ 0.006) 7415471.13 ng

response 2354373

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.60
183.00	11.50	11.64
0.00	0.00	0.00

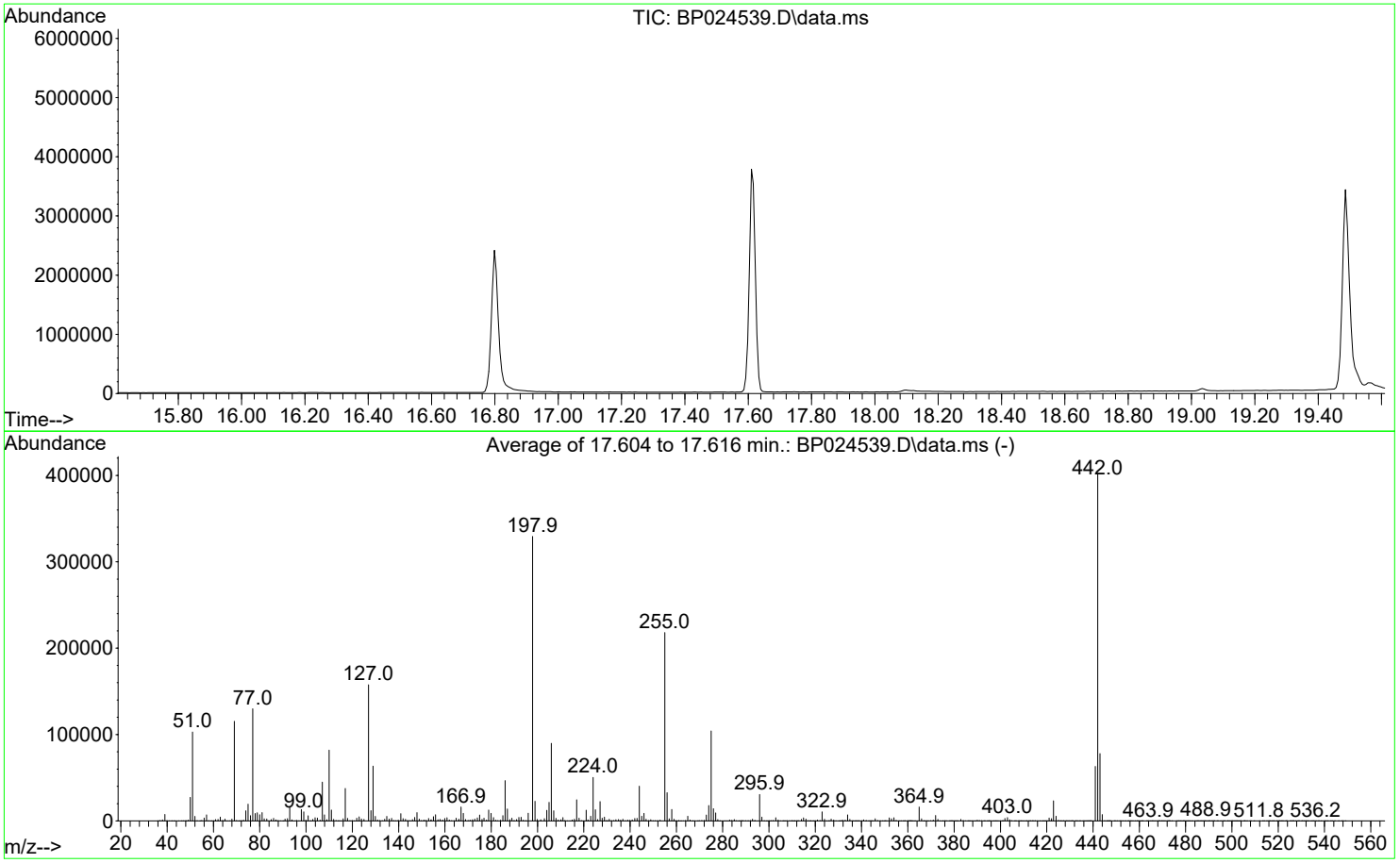
Sample Results: **BP024539.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024539.D
Acq On : 06 May 2025 09:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 18 12:04:48 2025



AutoFind: Scans 2468, 2469, 2470; Background Corrected with Scan 2457

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	31.3	102943	PASS
68	69	0.00	2	1.8	2073	PASS
69	198	0.00	100	35.0	115286	PASS
70	69	0.00	2	0.5	578	PASS
127	198	10	80	47.9	157656	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	329357	PASS
199	198	5	9	6.9	22794	PASS
275	198	10	60	31.6	104219	PASS
365	198	1	100	4.9	16170	PASS
441	198	0.01	100	19.1	63029	PASS
442	442	100	100	100.0	401749	PASS
443	442	15	24	19.4	77992	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/6/2025	BNA_P	BP024539.D
Compound Name	**Response**	**Retention Time**
DDT	1350082	20.769
DDD	38430	20.316
DDE	0	19.775
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
38430	1388512	2.77

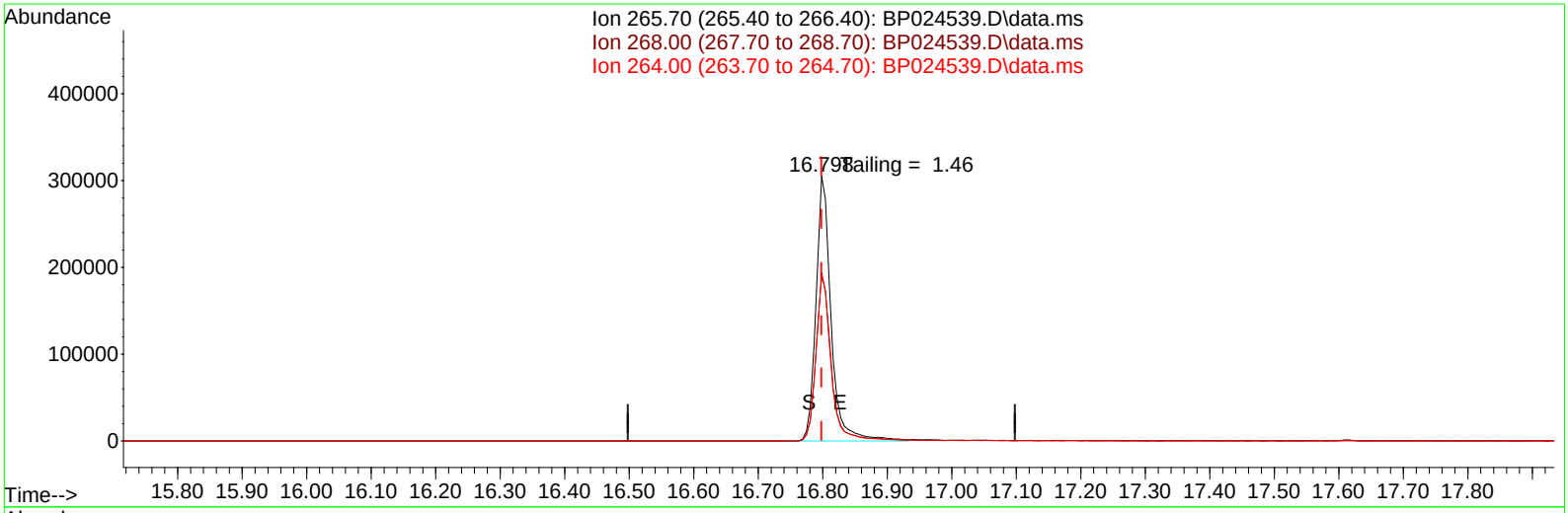
Instrument :
BNA_P
ClientSampleId :
DFTPP

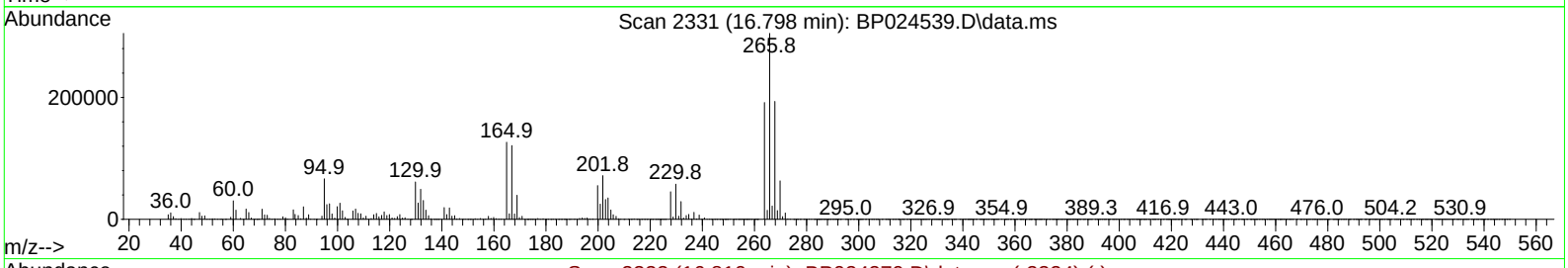
Sample Results: **BP024539.D**

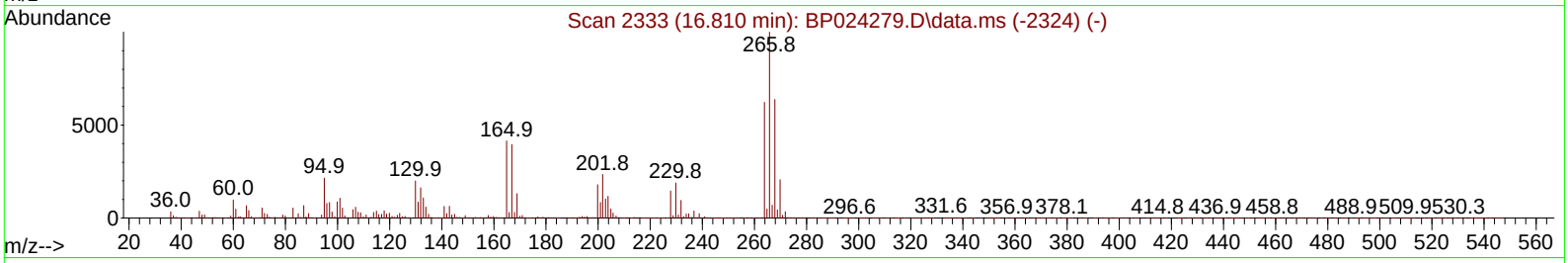
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024539.D
Acq On : 06 May 2025 09:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 06 13:41:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration







TIC: BP024539.D\data.ms

(70) Pentachlorophenol (C)

16.798min (+ 0.000) 36682.01 ng

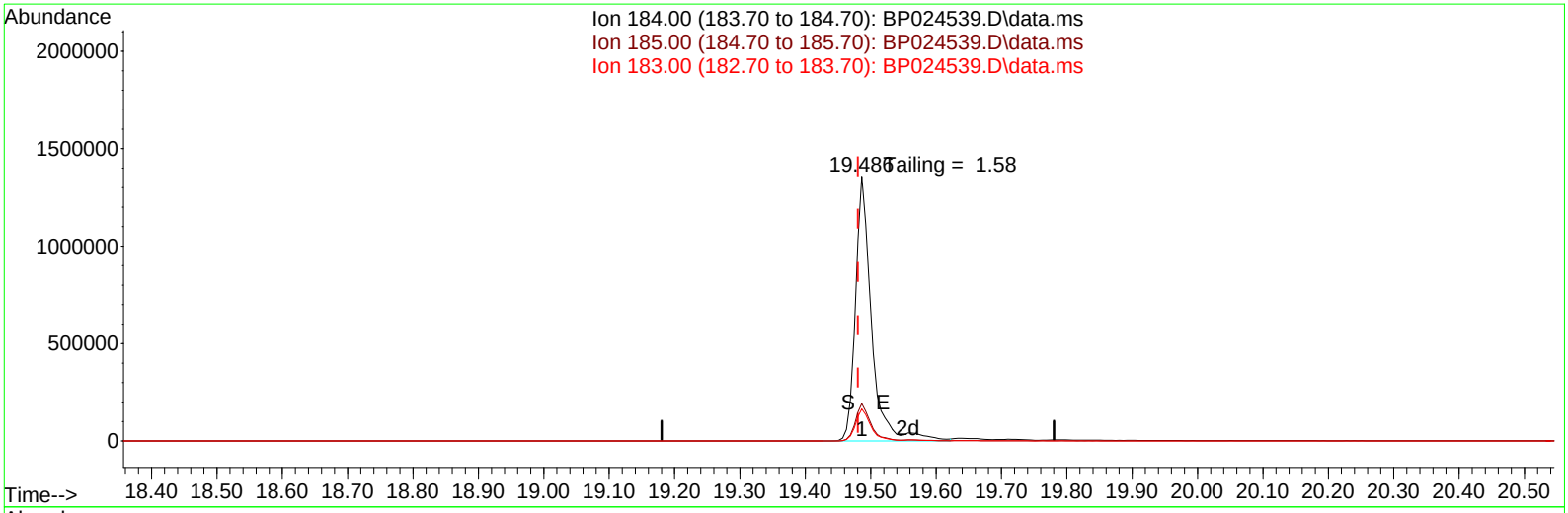
response 497194

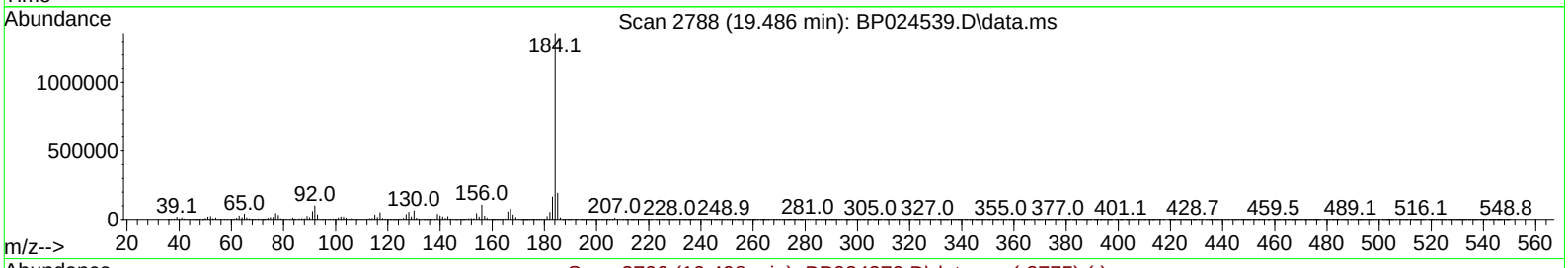
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	63.43
264.00	62.20	62.84
0.00	0.00	0.00

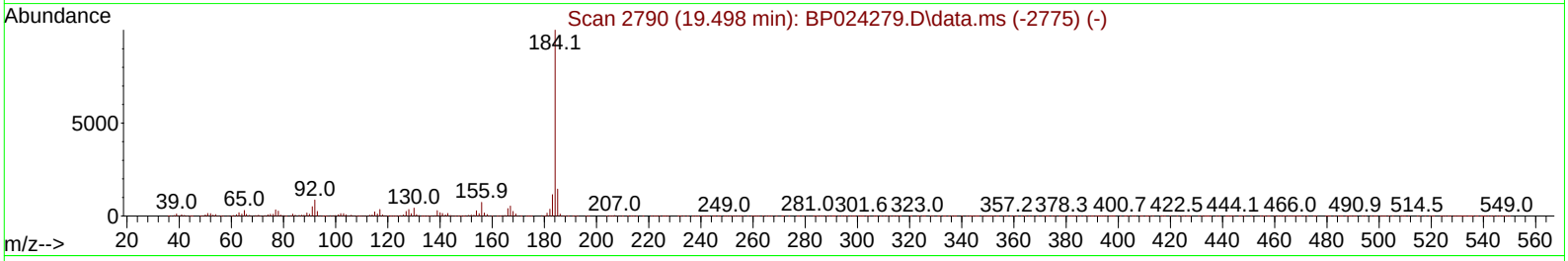
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024539.D
Acq On : 06 May 2025 09:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 06 13:41:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration







TIC: BP024539.D\data.ms

(77) Benzidine

19.486min (+ 0.006) 48697.69 ng

response 2219755

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.17
183.00	11.50	12.11
0.00	0.00	0.00

Raw Data: **BM050113.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	
Project:	Stan Hope	Date Received:	
Client Sample ID:	PB167857BL	SDG No.:	Q1937
Lab Sample ID:	PB167857BL	Matrix:	SOIL
Analytical Method:	SW8270	% 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
BM050113.D	1	05/05/25 09:35	05/06/25 10:42	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Raw Data: **BM050113.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	
Project:	Stan Hope	Date Received:	
Client Sample ID:	PB167857BL	SDG No.:	Q1937
Lab Sample ID:	PB167857BL	Matrix:	SOIL
Analytical Method:	SW8270	% 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
BM050113.D	1	05/05/25 09:35	05/06/25 10:42	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	
Project:	Stan Hope	Date Received:	
Client Sample ID:	PB167857BL	SDG No.:	Q1937
Lab Sample ID:	PB167857BL	Matrix:	SOIL
Analytical Method:	SW8270	% 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
BM050113.D	1	05/05/25 09:35	05/06/25 10:42	PB167857

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	137		30 (18) - 130 (112)	91%	SPK: 150
13127-88-3	Phenol-d6	129		30 (15) - 130 (107)	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.6		30 (18) - 130 (107)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.0		30 (20) - 130 (109)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	137		30 (10) - 130 (116)	91%	SPK: 150
1718-51-0	Terphenyl-d14	91.2		30 (10) - 130 (105)	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	236000	7.745			
1146-65-2	Naphthalene-d8	822000	10.539			
15067-26-2	Acenaphthene-d10	526000	14.398			
1517-22-2	Phenanthrene-d10	1050000	17.145			
1719-03-5	Chrysene-d12	965000	21.386			
1520-96-3	Perylene-d12	1050000	24.38			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A		4.87	ug/Kg

Alliance TECHNICAL GROUP

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.			Date Collected:	
Project:	Stan Hope			Date Received:	
Client Sample ID:	PB167857BL			SDG No.:	Q1937
Lab Sample ID:	PB167857BL			Matrix:	SOIL
Analytical Method:	SW8270			% 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
BM050113.D	1	05/05/25 09:35	05/06/25 10:42	PB167857

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\BM050625\
Data File : BM050113.D
Acq On : 06 May 2025 10:42
Operator : RC/JU
Sample : PB167857BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167857BL

Quant Time: May 06 11:39:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

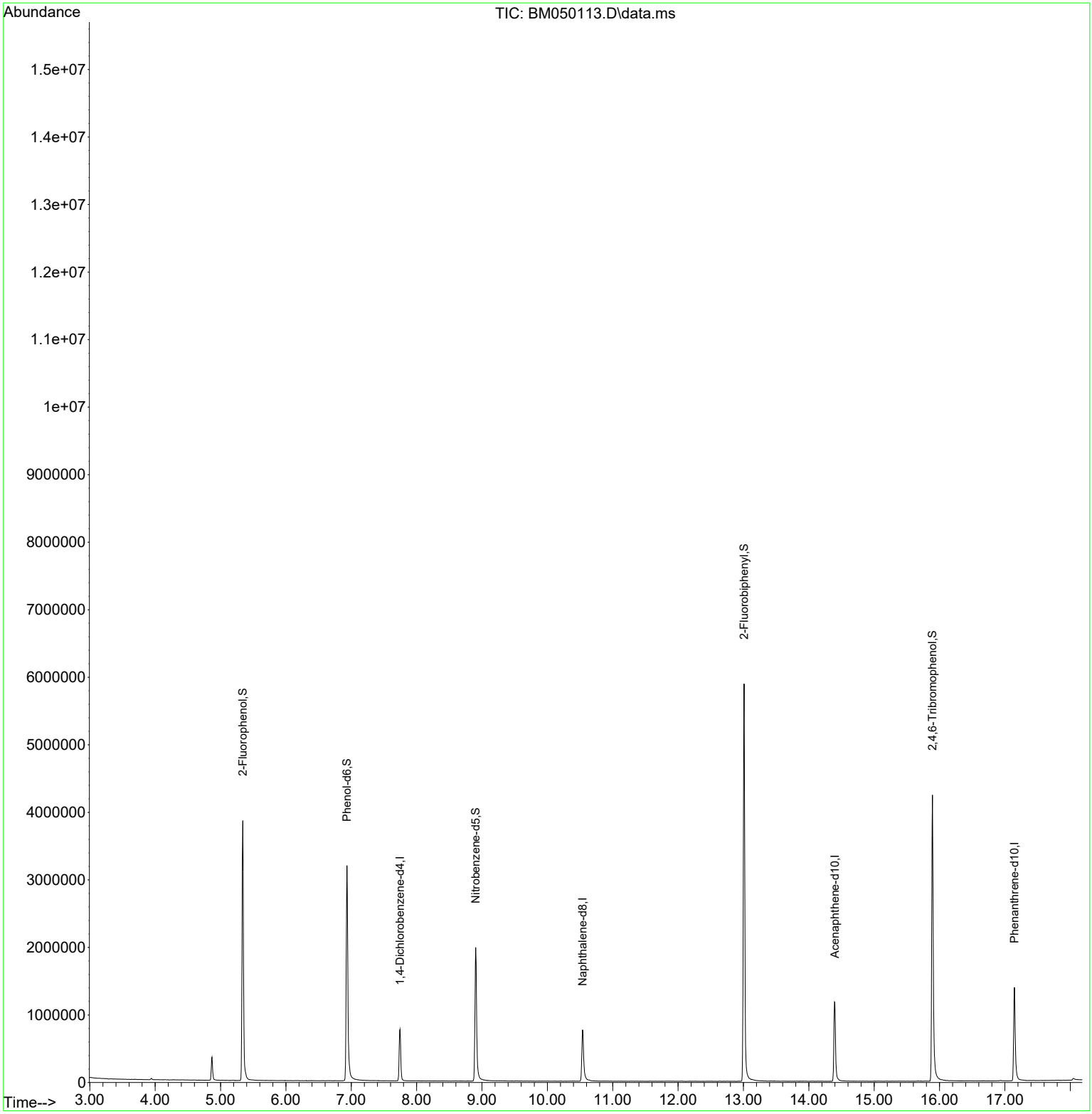
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	235907	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	822298	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	526225	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1048322	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	965231	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1050730	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1845158	136.961	ng	-0.02
7) Phenol-d6	6.934	99	2182597	128.898	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1328516	79.612	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1062710	136.579	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3514426	79.006	ng	-0.02
79) Terphenyl-d14	19.768	244	5945797	91.152	ng	-0.01
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050113.D
Acq On : 06 May 2025 10:42
Operator : RC/JU
Sample : PB167857BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167857BL

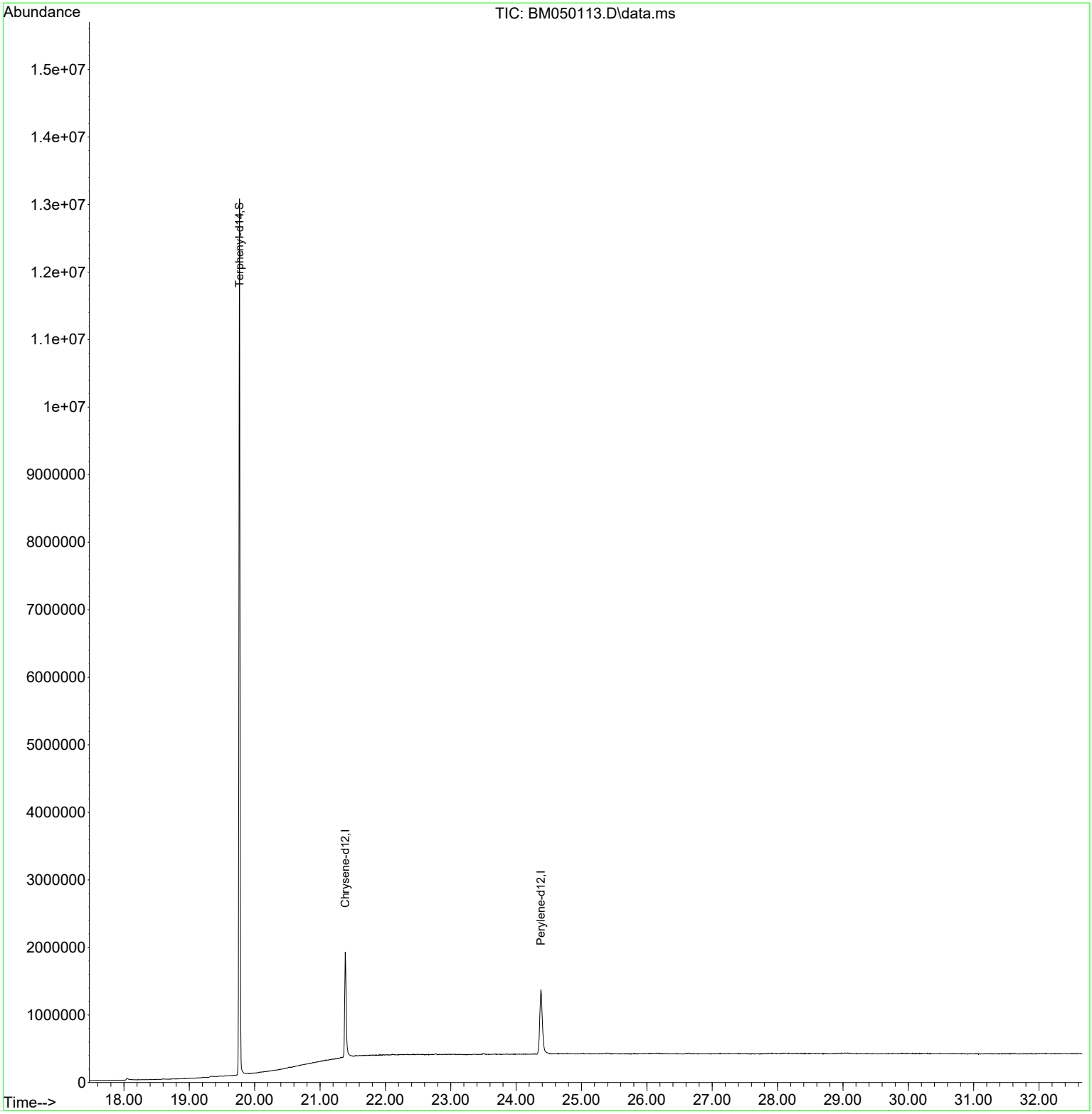
Quant Time: May 06 11:39:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

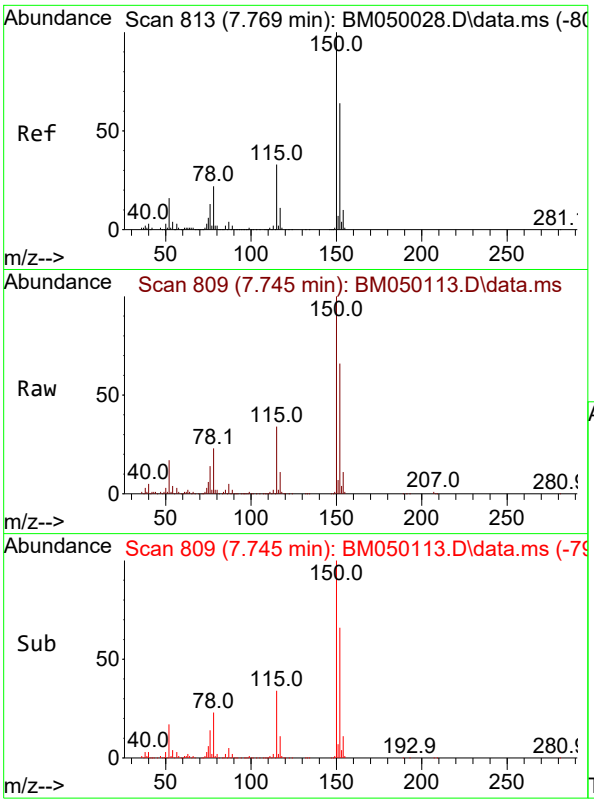


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050113.D
Acq On : 06 May 2025 10:42
Operator : RC/JU
Sample : PB167857BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167857BL

Quant Time: May 06 11:39:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



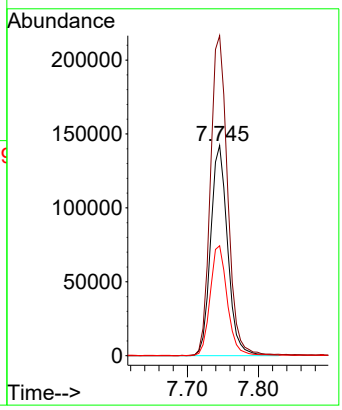


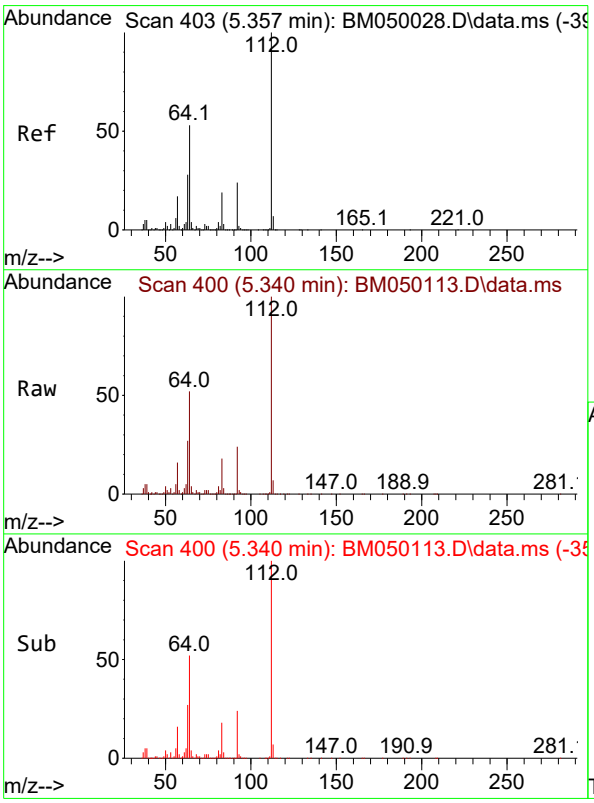
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Instrument :
BNA_M
ClientSampleId :
PB167857BL

Tgt Ion:152 Resp: 235907

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.1	186.1
115	52.3	41.2	61.8

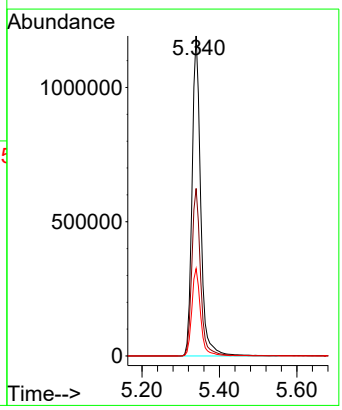


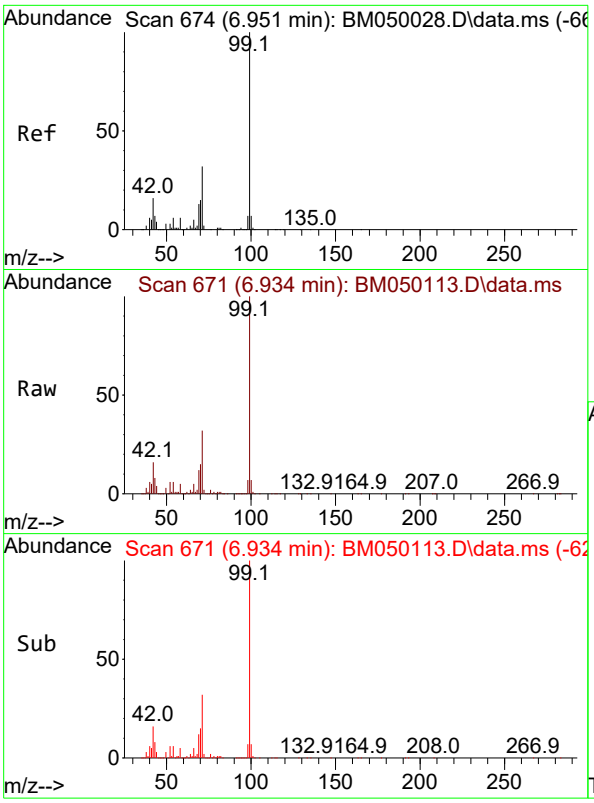


#5
2-Fluorophenol
Concen: 136.961 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Tgt Ion:112 Resp: 1845158

Ion	Ratio	Lower	Upper
112	100		
64	52.3	42.6	64.0
63	27.3	22.2	33.4



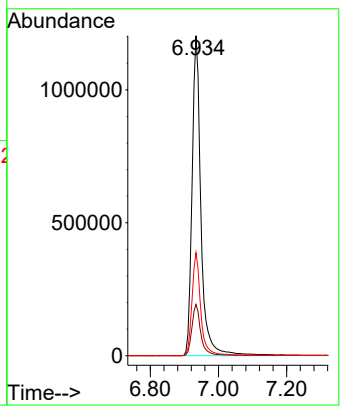


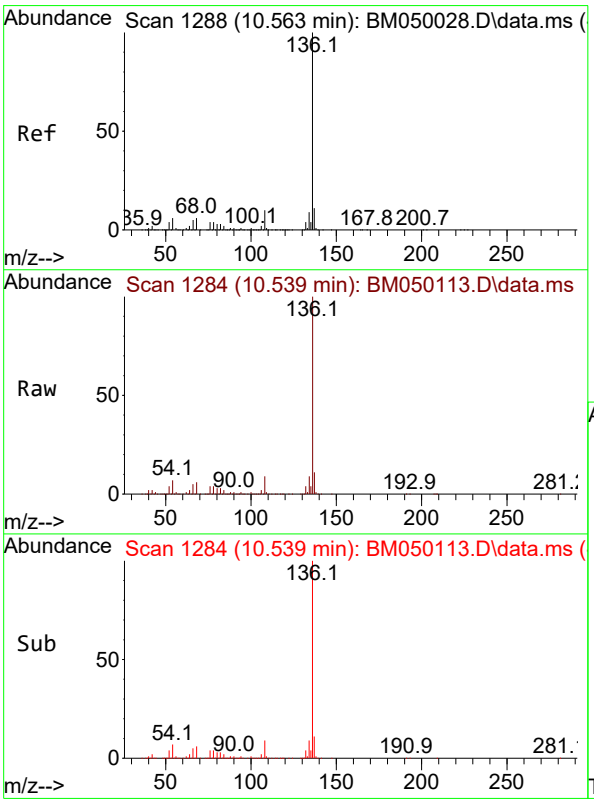
#7
Phenol-d6
Concen: 128.898 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Instrument :
BNA_M
ClientSampleId :
PB167857BL

Tgt Ion: 99 Resp: 2182597

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.4
71	32.2	25.6	38.4

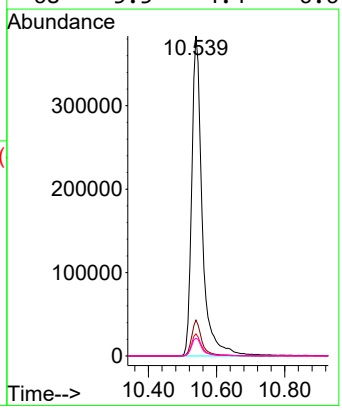


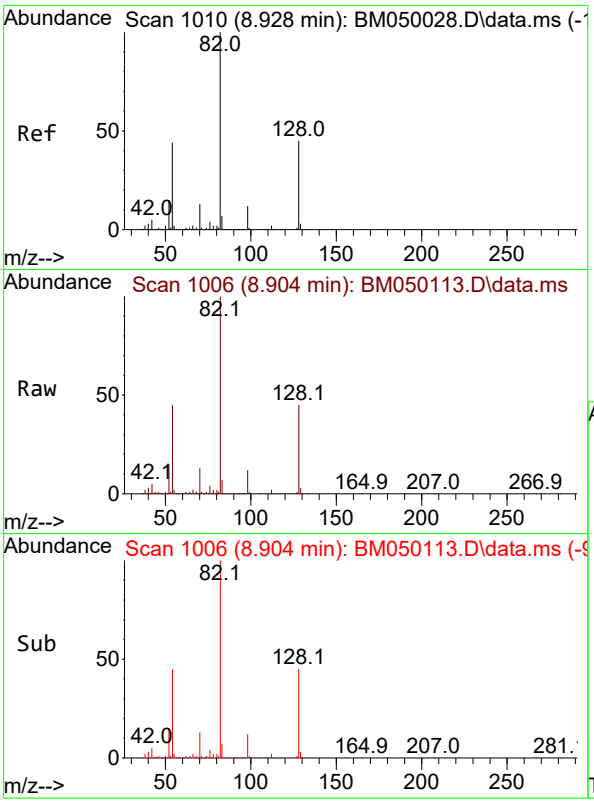


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Tgt Ion:136 Resp: 822298

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.9	5.1	7.7
68	5.5	4.4	6.6



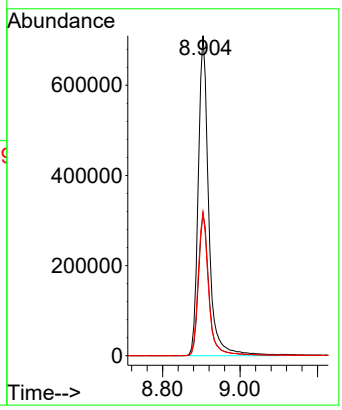


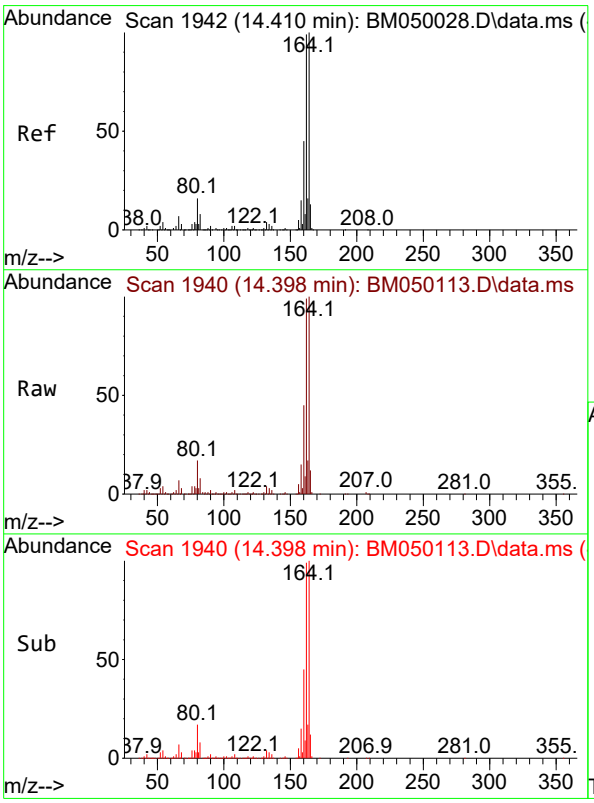
#23
Nitrobenzene-d5
Concen: 79.612 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Instrument :
BNA_M
ClientSampleId :
PB167857BL

Tgt Ion: 82 Resp: 1328516

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	44.8	35.4	53.2

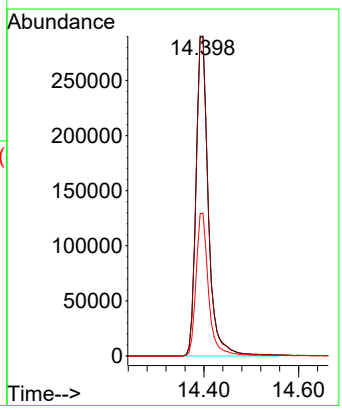


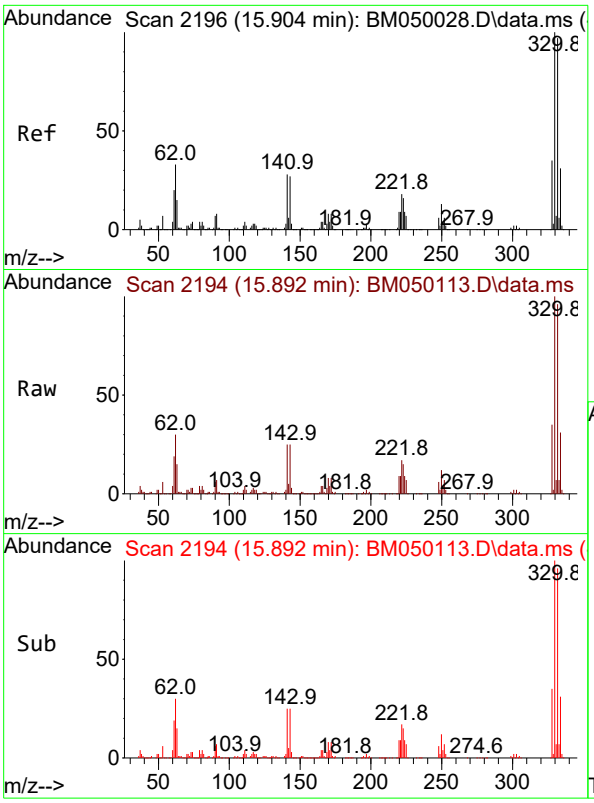


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Tgt Ion:164 Resp: 526225

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.4	119.0
160	44.7	36.2	54.4



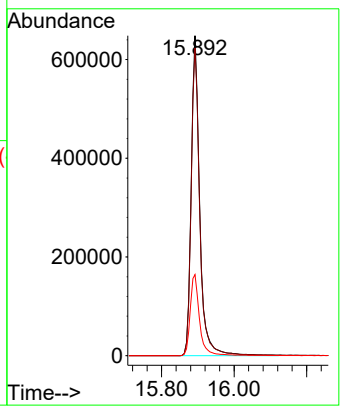


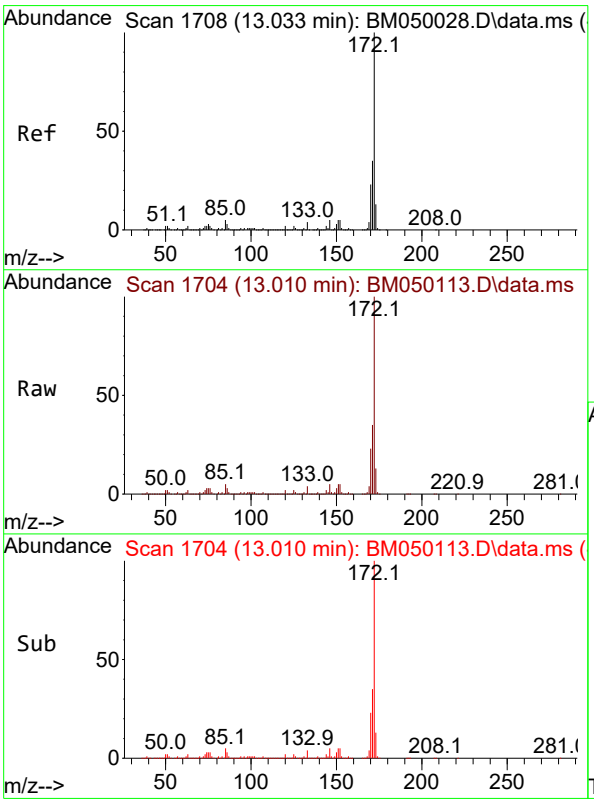
#42
2,4,6-Tribromophenol
Concen: 136.579 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Instrument :
BNA_M
ClientSampleId :
PB167857BL

Tgt Ion:330 Resp: 1062710

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	27.7	22.5	33.7

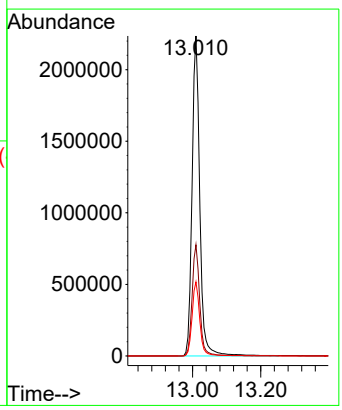


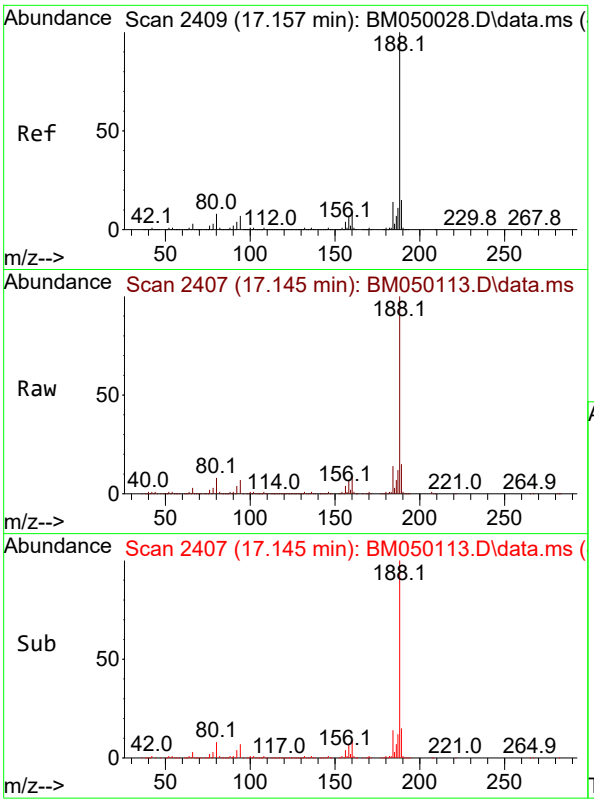


#45
2-Fluorobiphenyl
Concen: 79.006 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Tgt Ion:172 Resp: 3514426

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.1	18.6	28.0



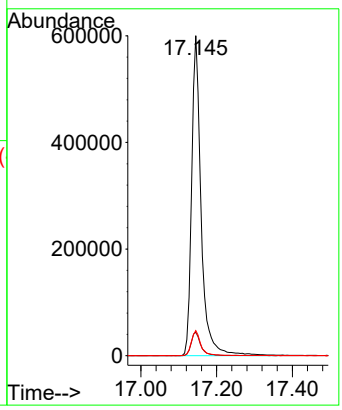


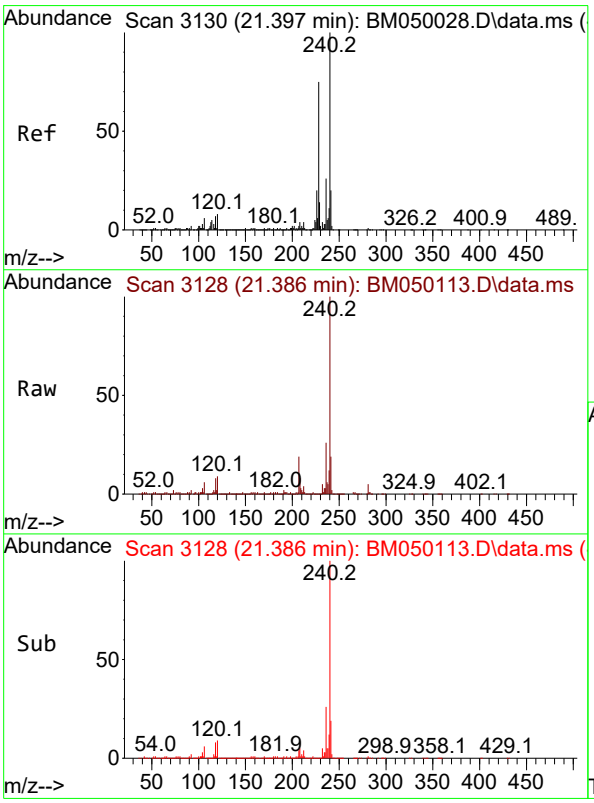
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Instrument :
BNA_M
ClientSampleId :
PB167857BL

Tgt Ion:188 Resp: 1048322

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	7.8	6.2	9.4

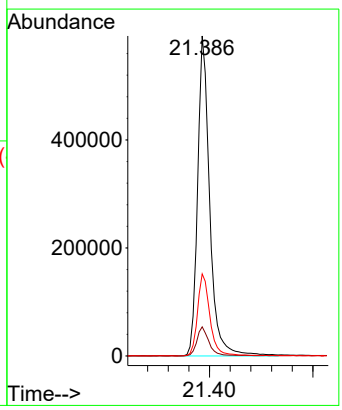


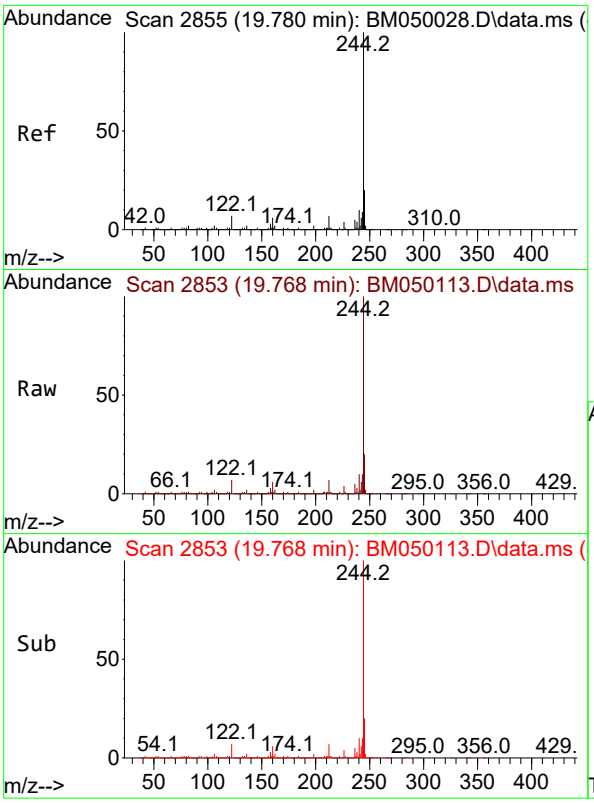


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Tgt Ion:240 Resp: 965231

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.5	9.7
236	25.7	20.9	31.3



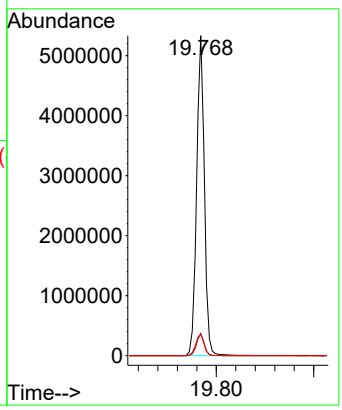


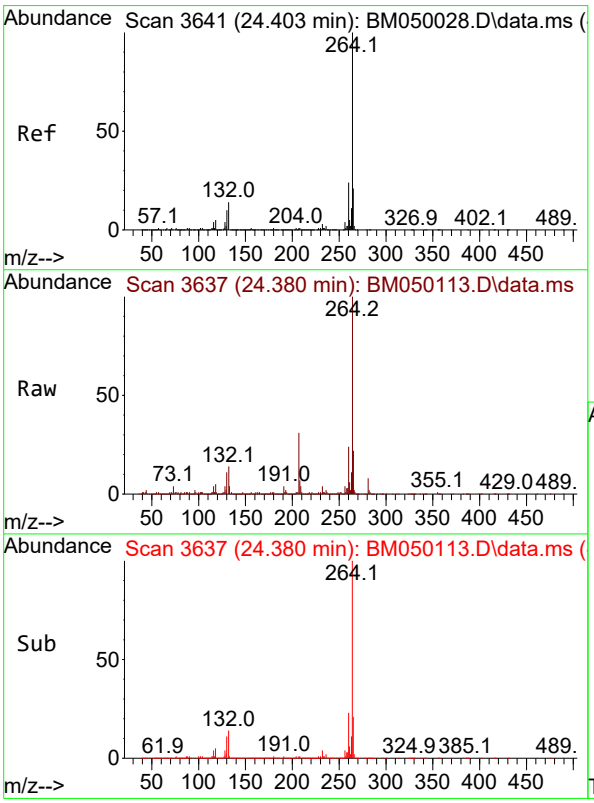
#79
Terphenyl-d14
Concen: 91.152 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Instrument :
BNA_M
ClientSampleId :
PB167857BL

Tgt Ion:244 Resp: 5945797

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.7	5.6	8.4

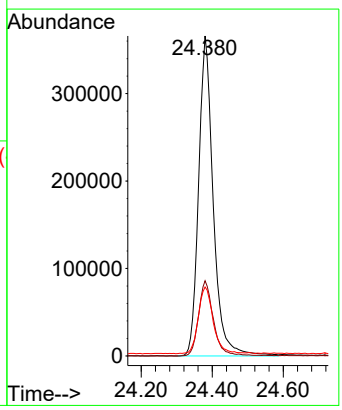




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Tgt Ion:264 Resp: 1050730

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.6	17.0	25.4



Sample Results: **BM050113.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050113.D
Acq On : 06 May 2025 10:42
Operator : RC/JU
Sample : PB167857BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167857BL

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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050113.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	315	320	336	rVB	338522	500884	3.40%	0.835%
2	5.340	393	400	428	rBV	3849087	6016566	40.80%	10.025%
3	6.934	664	671	692	rBV	3180604	5738892	38.92%	9.563%
4	7.745	802	809	820	rBV	760874	1279627	8.68%	2.132%
5	8.904	998	1006	1027	rBV	1980486	3737496	25.34%	6.228%
6	10.539	1275	1284	1307	rBV	759469	1614071	10.95%	2.689%
7	13.010	1697	1704	1723	rBV	5883248	9281197	62.94%	15.465%
8	14.392	1931	1939	1954	rBV	1177293	2136367	14.49%	3.560%
9	15.892	2187	2194	2217	rBV	4235441	7254612	49.19%	12.088%
10	17.145	2400	2407	2441	rBV	1381492	2473368	16.77%	4.121%
11	19.768	2847	2853	2869	rBV	12972436	14746731	100.00%	24.572%
12	21.386	3123	3128	3143	rBV	1552051	2542649	17.24%	4.237%
13	24.380	3629	3637	3659	rVB	950149	2691616	18.25%	4.485%

Sum of corrected areas: 60014076

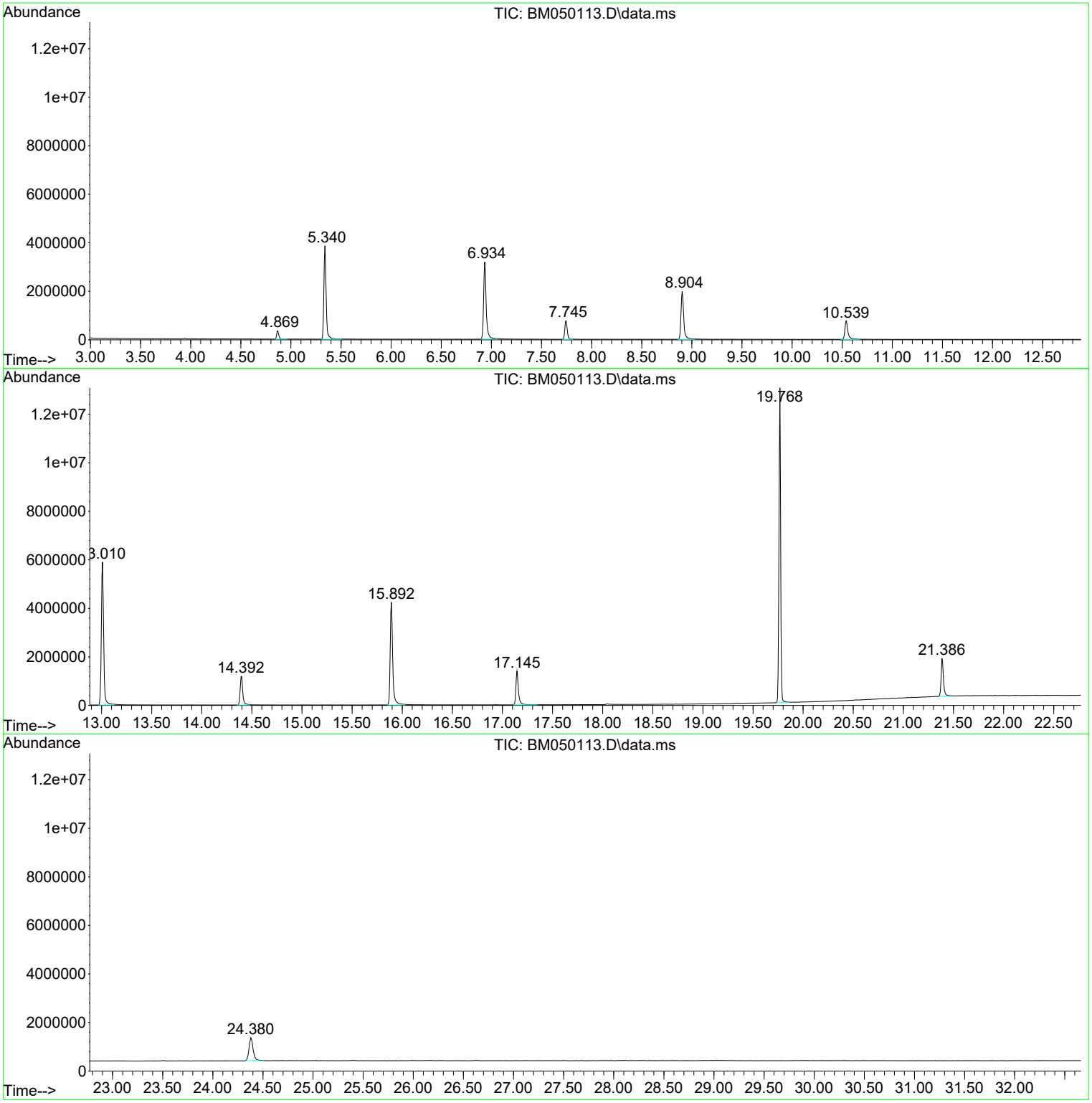
Sample Results: **BM050113.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050113.D
Acq On : 06 May 2025 10:42
Operator : RC/JU
Sample : PB167857BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167857BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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\BM050625\
Data File : BM050113.D
Acq On : 06 May 2025 10:42
Operator : RC/JU
Sample : PB167857BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167857BL

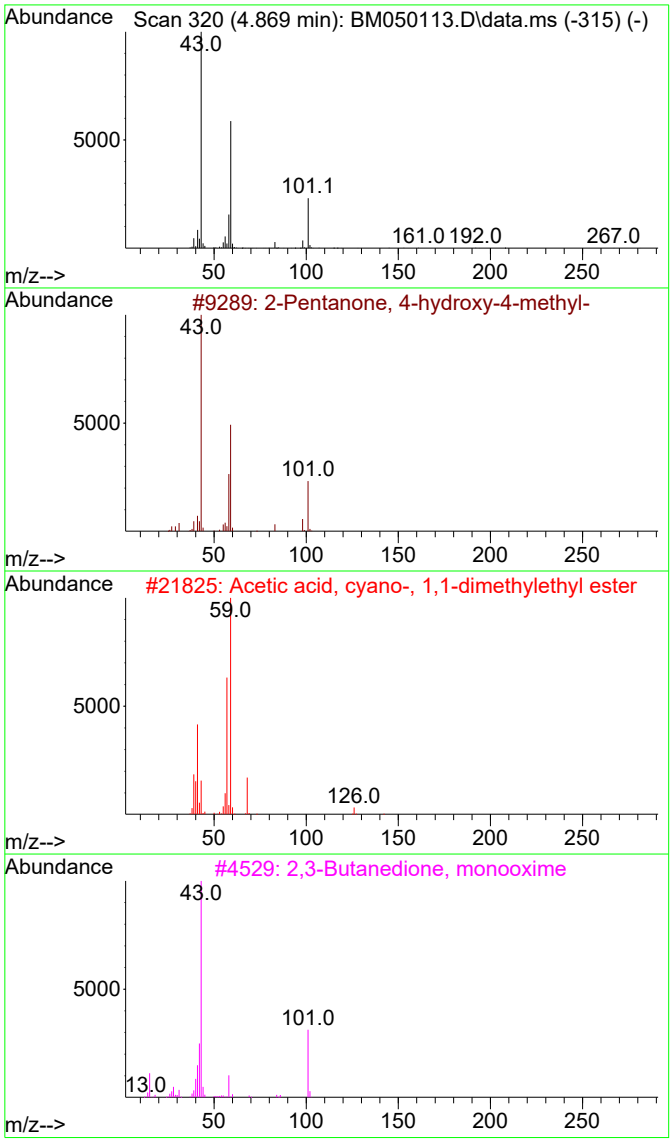
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

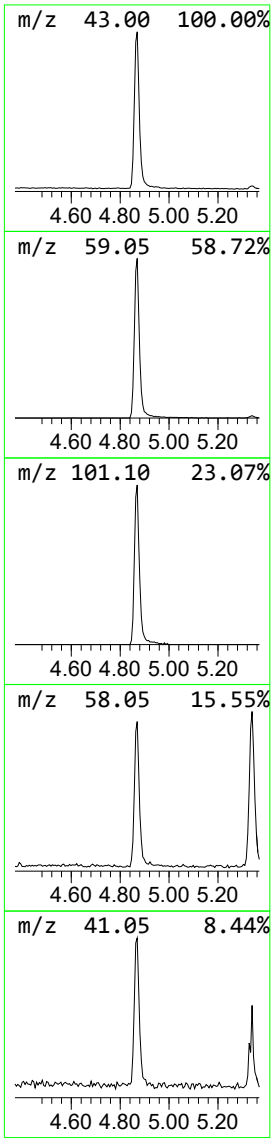
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	7.83 ng	500884	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050113.D
Acq On : 06 May 2025 10:42
Operator : RC/JU
Sample : PB167857BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167857BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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-...	4.869	7.8	ng	500884	1	7.745	1279630	20.0

Raw Data: **BM050114.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	
Project:	Stan Hope	Date Received:	
Client Sample ID:	PB167857BS	SDG No.:	Q1937
Lab Sample ID:	PB167857BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050114.D	1	05/05/25 09:35	05/06/25 11:21	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	750		160	330	ug/Kg
108-95-2	Phenol	1400		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1400		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1300		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		37.5	170	ug/Kg
98-86-2	Acetophenone	1300		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1300		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1300		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1300		18.3	170	ug/Kg
78-59-1	Isophorone	1300		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1400		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		28.3	170	ug/Kg
91-20-3	Naphthalene	1300		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	1100		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		25.3	170	ug/Kg
105-60-2	Caprolactam	1300		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1500		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1300		27.1	170	ug/Kg

Raw Data: **BM050114.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	
Project:	Stan Hope	Date Received:	
Client Sample ID:	PB167857BS	SDG No.:	Q1937
Lab Sample ID:	PB167857BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050114.D	1	05/05/25 09:35	05/06/25 11:21	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1300		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1200		46.0	170	ug/Kg
83-32-9	Acenaphthene	1300		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	2700		230	330	ug/Kg
100-02-7	4-Nitrophenol	2700		110	330	ug/Kg
132-64-9	Dibenzofuran	1300		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1300		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		26.7	170	ug/Kg
86-73-7	Fluorene	1300		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1500		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		25.3	170	ug/Kg
1912-24-9	Atrazine	1400		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3100	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1400		33.3	170	ug/Kg
86-74-8	Carbazole	1400		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		47.9	170	ug/Kg
206-44-0	Fluoranthene	1400		30.0	170	ug/Kg
129-00-0	Pyrene	1400		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		23.0	170	ug/Kg
218-01-9	Chrysene	1400		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		19.0	170	ug/Kg

Raw Data: **BM050114.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.			Date Collected:	
Project:	Stan Hope			Date Received:	
Client Sample ID:	PB167857BS			SDG No.:	Q1937
Lab Sample ID:	PB167857BS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050114.D	1	05/05/25 09:35	05/06/25 11:21	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1300		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1100		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	126		30 (18) - 130 (112)	84%	SPK: 150
13127-88-3	Phenol-d6	121		30 (15) - 130 (107)	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.3		30 (18) - 130 (107)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.9		30 (20) - 130 (109)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		30 (10) - 130 (116)	87%	SPK: 150
1718-51-0	Terphenyl-d14	76.4		30 (10) - 130 (105)	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	252000	7.745			
1146-65-2	Naphthalene-d8	881000	10.533			
15067-26-2	Acenaphthene-d10	559000	14.392			
1517-22-2	Phenanthrene-d10	1070000	17.139			
1719-03-5	Chrysene-d12	1070000	21.386			
1520-96-3	Perylene-d12	1110000	24.374			

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\BM050625\
Data File : BM050114.D
Acq On : 06 May 2025 11:21
Operator : RC/JU
Sample : PB167857BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Quant Time: May 06 13:04:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	251916	20.000	ng	-0.02
21) Naphthalene-d8	10.533	136	880758	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	559090	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1068022	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1067615	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1110219	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1808154	125.685	ng	-0.02
7) Phenol-d6	6.934	99	2194221	121.350	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1309925	73.287	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1083363	131.048	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3444742	72.888	ng	-0.02
79) Terphenyl-d14	19.768	244	5509327	76.361	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	199047	32.269	ng	99
3) Pyridine	3.634	79	565333	35.670	ng	96
4) n-Nitrosodimethylamine	3.546	42	244948	39.406	ng	99
6) Aniline	7.075	93	801388	35.098	ng	98
8) 2-Chlorophenol	7.316	128	637424	40.979	ng	98
9) Benzaldehyde	6.892	77	270823	22.381	ng	100
10) Phenol	6.963	94	747544	40.838	ng	97
11) bis(2-Chloroethyl)ether	7.169	93	597431	39.086	ng	100
12) 1,3-Dichlorobenzene	7.634	146	735168	39.126	ng	99
13) 1,4-Dichlorobenzene	7.781	146	745620	39.500	ng	100
14) 1,2-Dichlorobenzene	8.092	146	715845	39.259	ng	98
15) Benzyl Alcohol	7.992	79	498872	39.784	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	722306	38.876	ng	99
17) 2-Methylphenol	8.204	107	476788	39.539	ng	98
18) Hexachloroethane	8.816	117	264449	39.410	ng	99
19) n-Nitroso-di-n-propyla...	8.551	70	436482	37.638	ng	99
20) 3+4-Methylphenols	8.533	107	643262	39.501	ng	97
22) Acetophenone	8.569	105	862792	39.402	ng	98
24) Nitrobenzene	8.945	77	624497	40.408	ng	99
25) Isophorone	9.475	82	1171263	38.443	ng	99
26) 2-Nitrophenol	9.657	139	331231	41.952	ng	99
27) 2,4-Dimethylphenol	9.727	122	538682	41.141	ng	100
28) bis(2-Chloroethoxy)met...	9.951	93	729831	38.756	ng	99
29) 2,4-Dichlorophenol	10.210	162	604437	41.206	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	715468	40.034	ng	100
31) Naphthalene	10.586	128	1766653	39.607	ng	100
32) Benzoic acid	9.898	122	347950	41.550	ng	97
33) 4-Chloroaniline	10.710	127	620975	33.966	ng	99
34) Hexachlorobutadiene	10.869	225	456694	40.257	ng	100
35) Caprolactam	11.510	113	169402	39.608	ng	90
36) 4-Chloro-3-methylphenol	11.851	107	545727	40.269	ng	97
37) 2-Methylnaphthalene	12.204	142	1149787	38.449	ng	100
38) 1-Methylnaphthalene	12.427	142	1215114	38.395	ng	99
40) 1,2,4,5-Tetrachloroben...	12.580	216	791499	40.895	ng	99
41) Hexachlorocyclopentadiene	12.557	237	1025596	86.711	ng	98
43) 2,4,6-Trichlorophenol	12.833	196	517394	42.148	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050114.D
Acq On : 06 May 2025 11:21
Operator : RC/JU
Sample : PB167857BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Quant Time: May 06 13:04:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

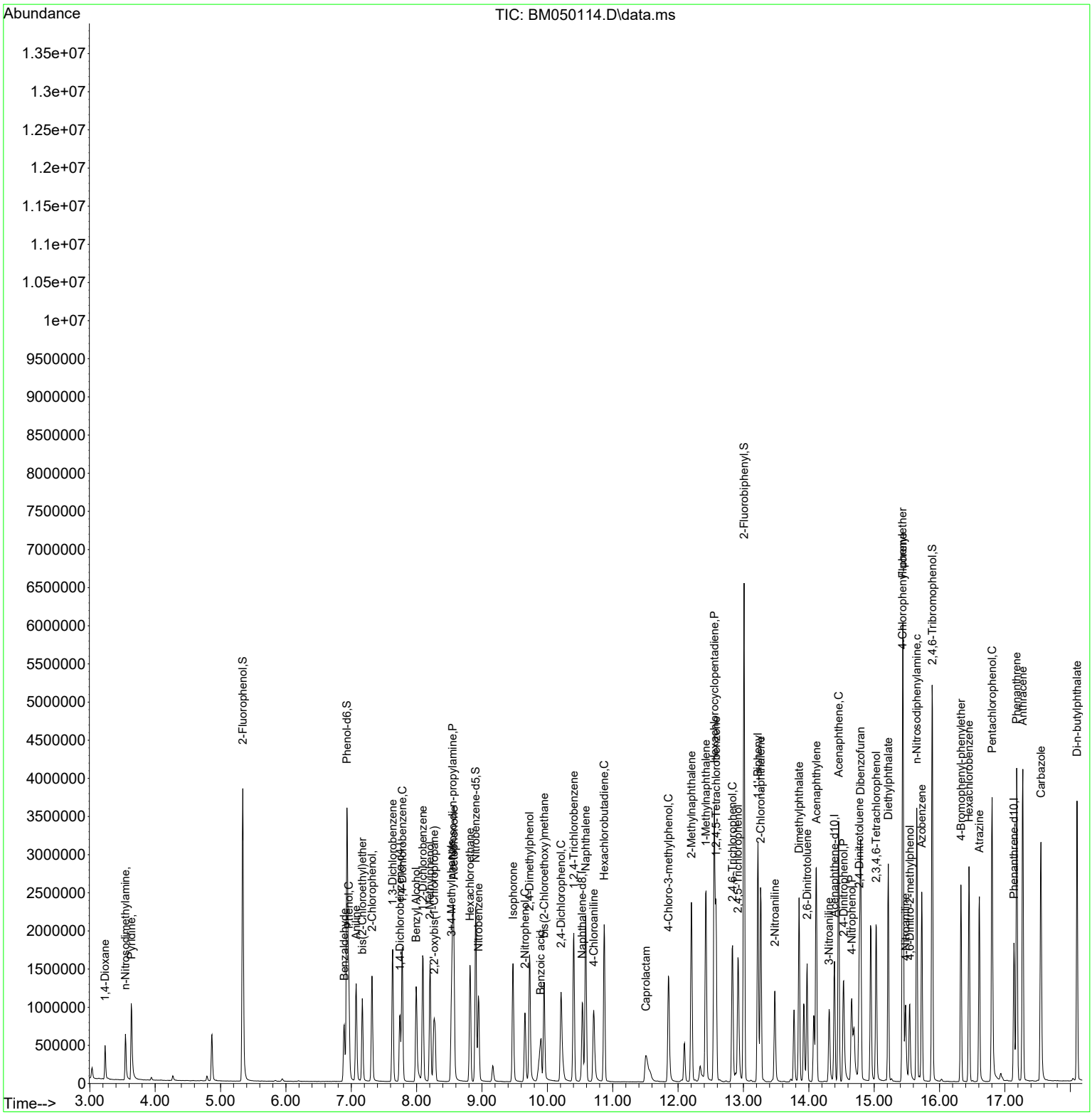
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	561291	42.402	ng	100
46) 1,1'-Biphenyl	13.221	154	1669025	40.159	ng	99
47) 2-Chloronaphthalene	13.263	162	1327323	40.325	ng	100
48) 2-Nitroaniline	13.480	65	336871	43.606	ng	99
49) Acenaphthylene	14.115	152	2099404	40.453	ng	100
50) Dimethylphthalate	13.851	163	1651210	40.412	ng	100
51) 2,6-Dinitrotoluene	13.974	165	355694	42.046	ng	99
52) Acenaphthene	14.457	154	1203147	40.051	ng	100
53) 3-Nitroaniline	14.310	138	295920	36.639	ng	100
54) 2,4-Dinitrophenol	14.533	184	432668	79.924	ng	99
55) Dibenzofuran	14.792	168	2002230	40.060	ng	99
56) 4-Nitrophenol	14.657	139	522878	79.602	ng	99
57) 2,4-Dinitrotoluene	14.774	165	504155	43.129	ng	98
58) Fluorene	15.439	166	1650055	40.334	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	466353	40.700	ng	100
60) Diethylphthalate	15.215	149	1540645	40.017	ng	99
61) 4-Chlorophenyl-phenyle...	15.433	204	904684	40.261	ng	98
62) 4-Nitroaniline	15.480	138	341411	43.814	ng	99
63) Azobenzene	15.727	77	1311714	40.653	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	284522	42.559	ng	98
66) n-Nitrosodiphenylamine	15.651	169	1389906	42.380	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	536414	41.533	ng	98
68) Hexachlorobenzene	16.451	284	617494	41.477	ng	98
69) Atrazine	16.609	200	497468	42.052	ng	99
70) Pentachlorophenol	16.804	266	779975	93.075	ng	100
71) Phenanthrene	17.180	178	2501885	41.533	ng	100
72) Anthracene	17.274	178	2551141	41.849	ng	99
73) Carbazole	17.551	167	2255638	42.641	ng	99
74) Di-n-butylphthalate	18.103	149	2617615	41.553	ng	100
75) Fluoranthene	19.203	202	2990675	42.287	ng	99
77) Benzidine	19.392	184	1843260	48.606	ng	99
78) Pyrene	19.568	202	3087294	41.180	ng	100
80) Butylbenzylphthalate	20.462	149	1166761	41.552	ng	98
81) Benzo(a)anthracene	21.362	228	3096912	42.124	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	939990	33.400	ng	99
83) Chrysene	21.427	228	2823801	41.500	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1719849	41.006	ng	100
85) Di-n-octyl phthalate	22.403	149	2905066	42.000	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	3671518	44.382	ng	100
88) Benzo(b)fluoranthene	23.427	252	3028371	41.944	ng	100
89) Benzo(k)fluoranthene	23.491	252	2949343	40.383	ng	100
90) Benzo(a)pyrene	24.232	252	2856618	42.243	ng	99
91) Dibenzo(a,h)anthracene	27.803	278	2992922	44.383	ng	99
92) Benzo(g,h,i)perylene	28.820	276	2848159	44.117	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050114.D
Acq On : 06 May 2025 11:21
Operator : RC/JU
Sample : PB167857BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Quant Time: May 06 13:04:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



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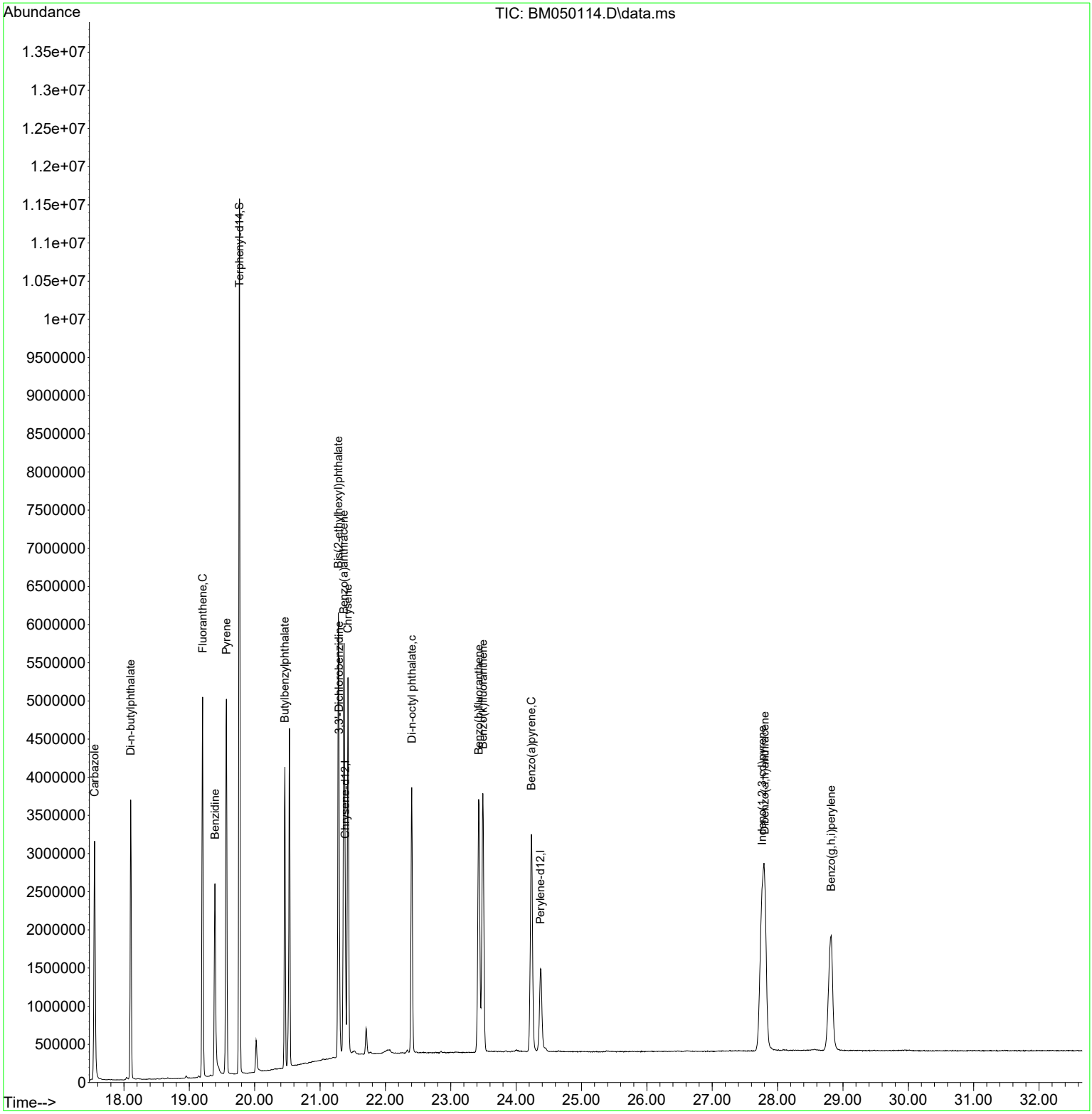
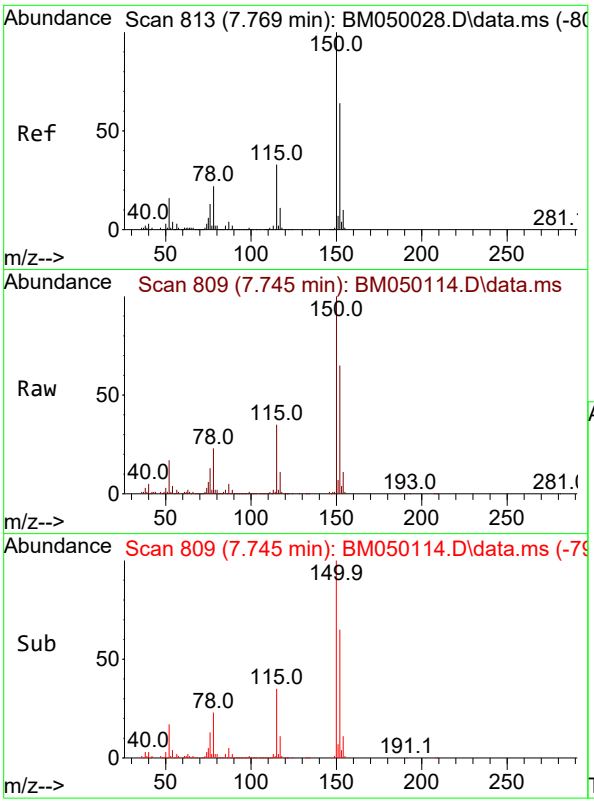
Data File : BM050114.D
Acq On : 06 May 2025 11:21
Operator : RC/JU
Sample : PB167857BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Quant Time: May 06 13:04:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



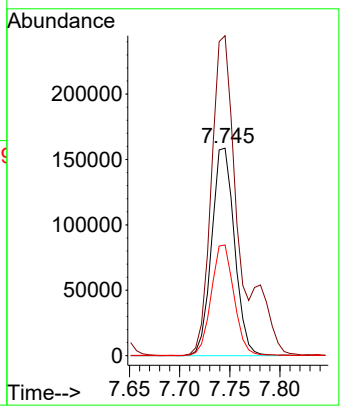


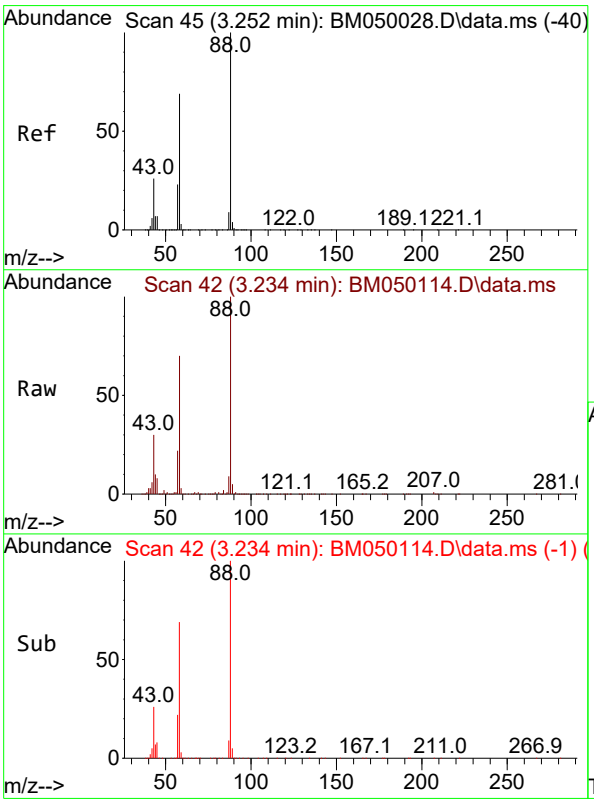
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:152 Resp: 251916

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.1	186.1
115	53.3	41.2	61.8

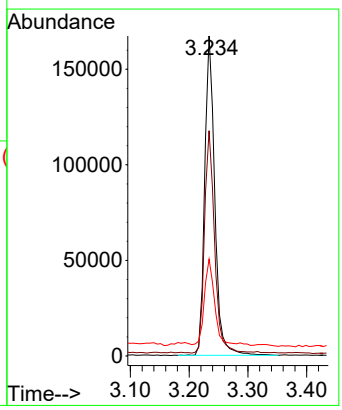


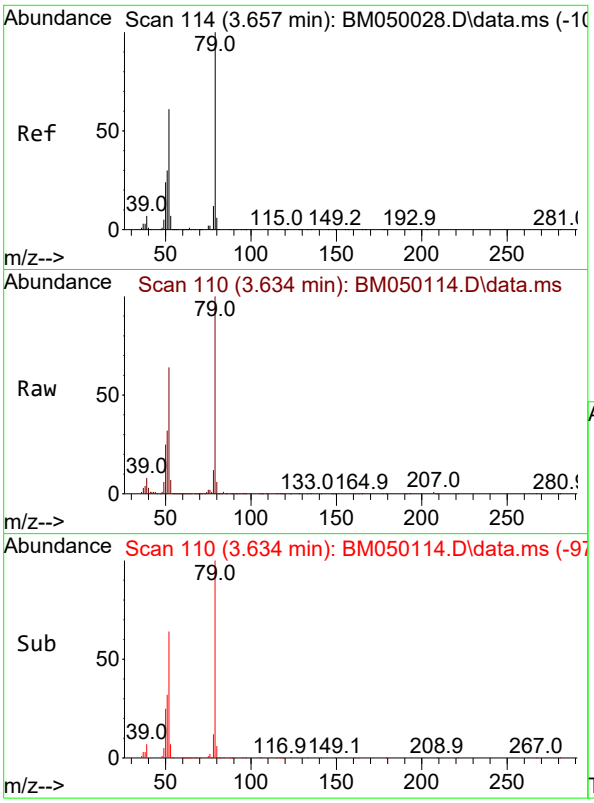


#2
1,4-Dioxane
Concen: 32.269 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 88 Resp: 199047

Ion	Ratio	Lower	Upper
88	100		
58	69.8	55.1	82.7
43	26.4	20.9	31.3



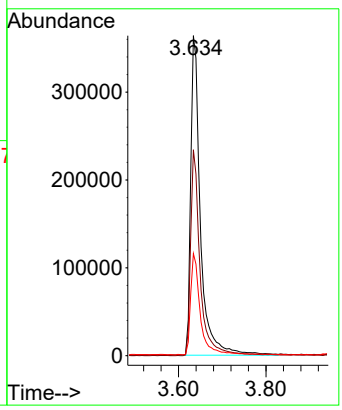


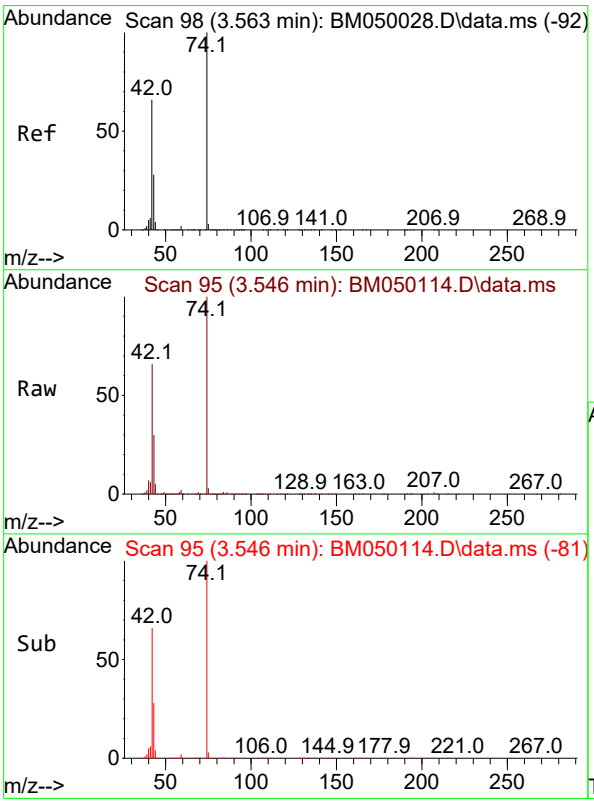
#3
Pyridine
Concen: 35.670 ng
RT: 3.634 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion: 79 Resp: 565333

Ion	Ratio	Lower	Upper
79	100		
52	64.3	48.6	72.8
51	31.9	24.6	37.0

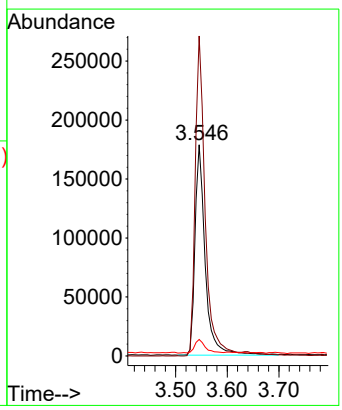


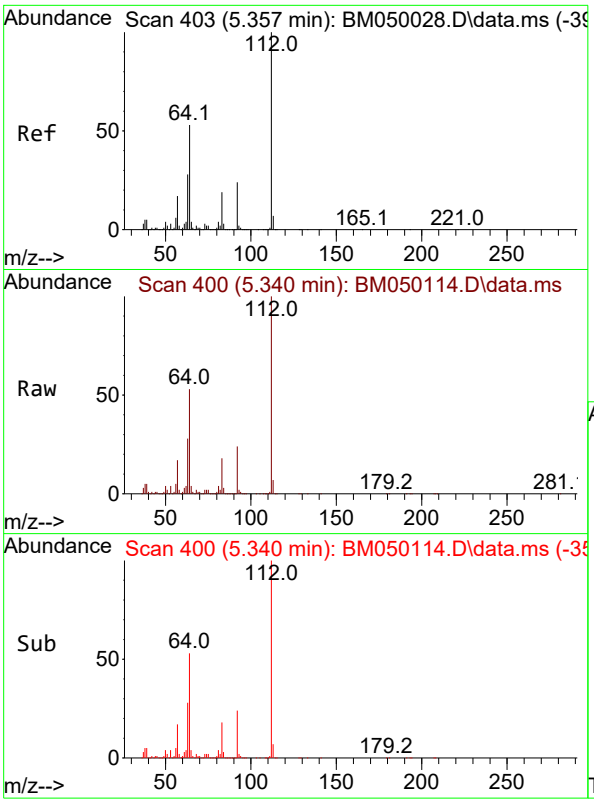


#4
n-Nitrosodimethylamine
Concen: 39.406 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 42 Resp: 244948

Ion	Ratio	Lower	Upper
42	100		
74	151.5	120.2	180.2
44	7.8	6.2	9.2



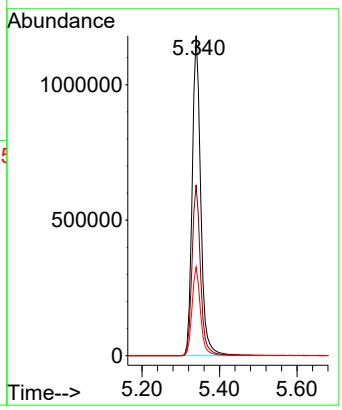


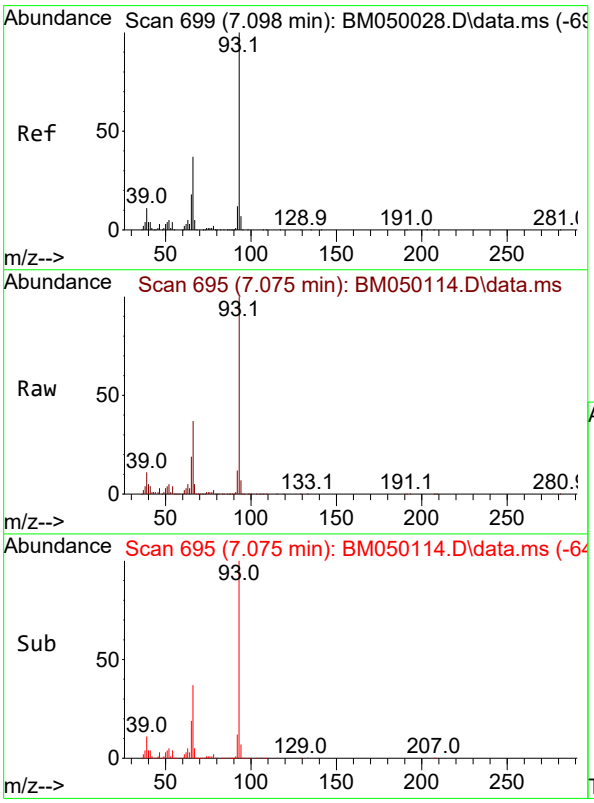
#5
2-Fluorophenol
Concen: 125.685 ng
RT: 5.340 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:112 Resp: 1808154

Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.6	64.0
63	27.7	22.2	33.4

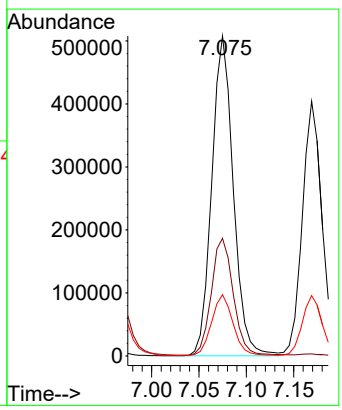


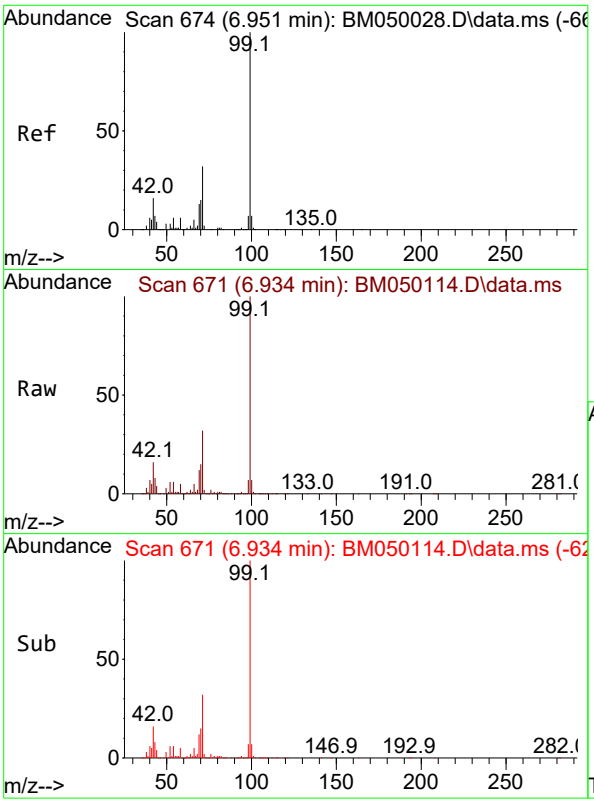


#6
Aniline
Concen: 35.098 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 93 Resp: 801388

Ion	Ratio	Lower	Upper
93	100		
66	36.7	29.9	44.9
65	19.2	14.5	21.7



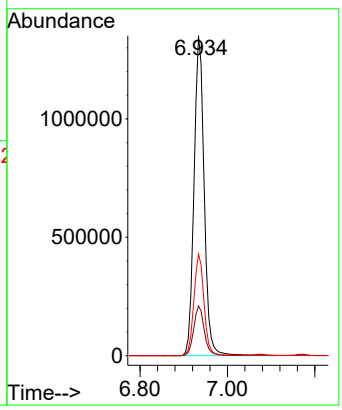


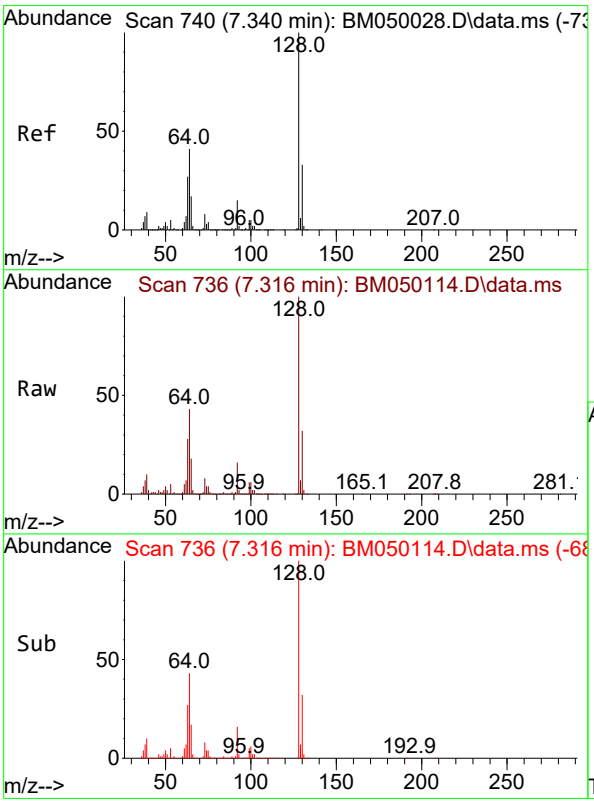
#7
Phenol-d6
Concen: 121.350 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion: 99 Resp: 2194221

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	31.8	25.6	38.4

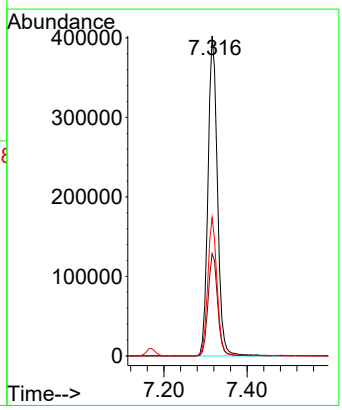


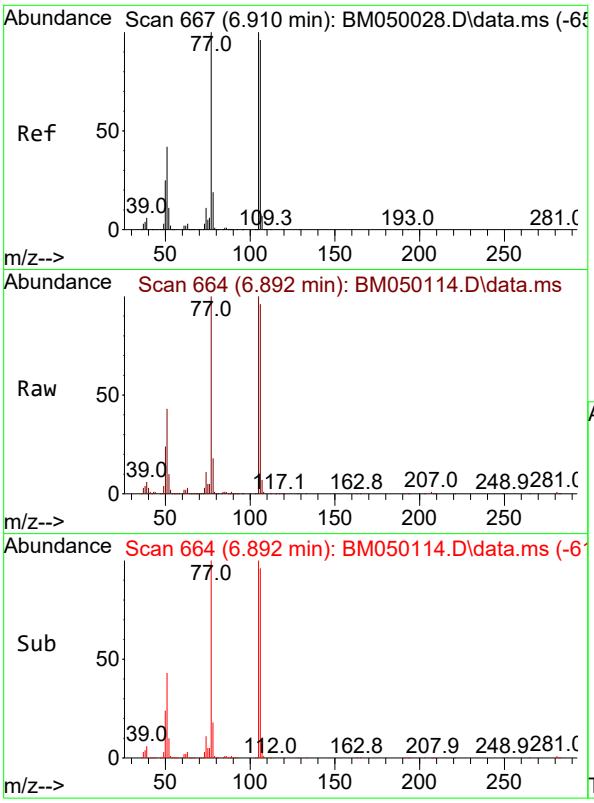


#8
2-Chlorophenol
Concen: 40.979 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:128 Resp: 637424

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.8	52.8
64	43.2	21.2	61.2



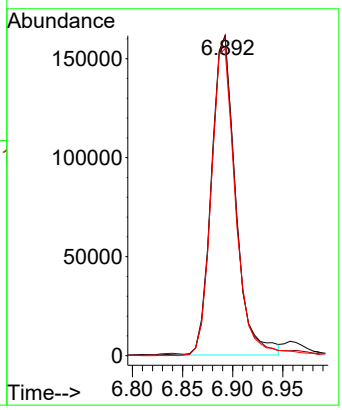


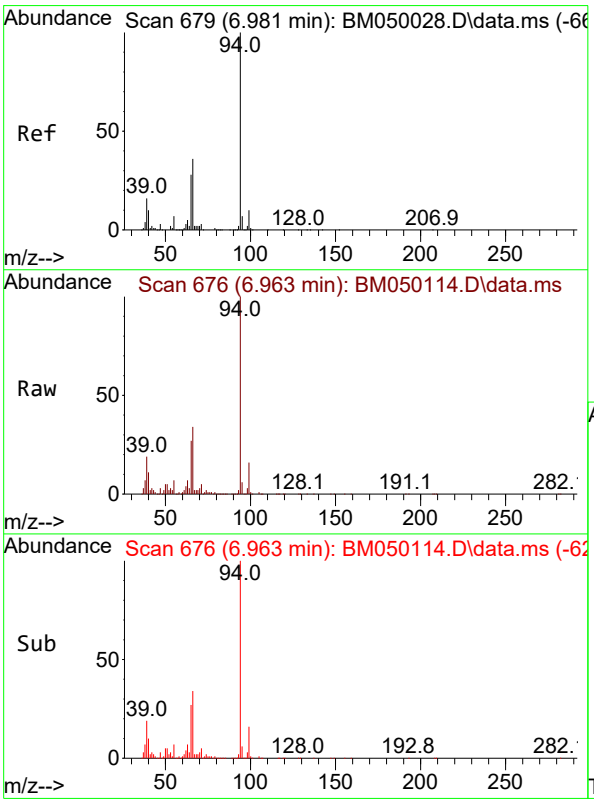
#9
Benzaldehyde
Concen: 22.381 ng
RT: 6.892 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion: 77 Resp: 270823

Ion	Ratio	Lower	Upper
77	100		
105	100.0	80.5	120.5
106	96.0	76.1	116.1

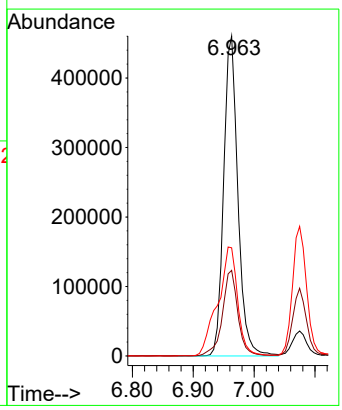


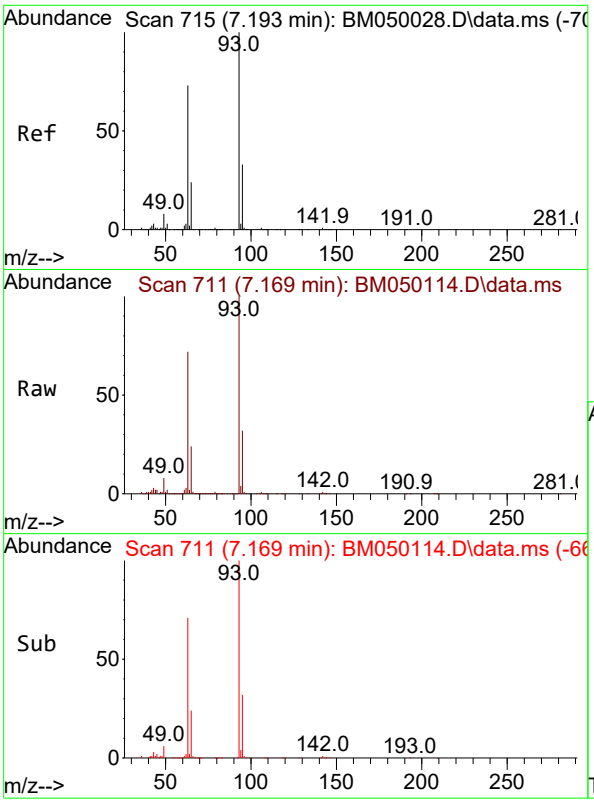


#10
Phenol
Concen: 40.838 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 94 Resp: 747544

Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.6	47.6
66	33.8	15.8	55.8



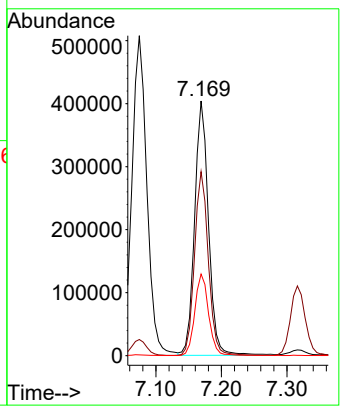


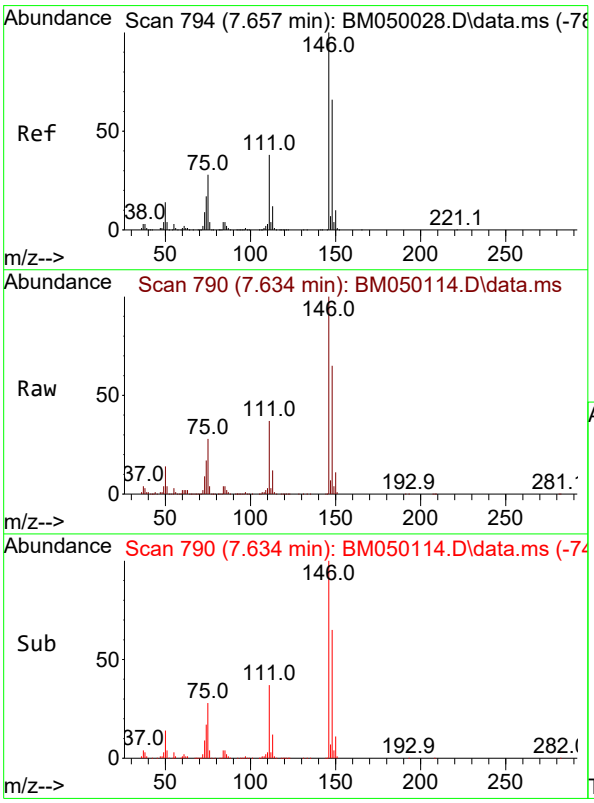
#11
bis(2-Chloroethyl)ether
Concen: 39.086 ng
RT: 7.169 min Scan# 7
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion: 93 Resp: 597431

Ion	Ratio	Lower	Upper
93	100		
63	72.2	52.3	92.3
95	32.0	12.8	52.8

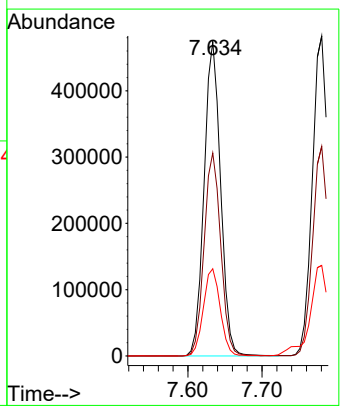


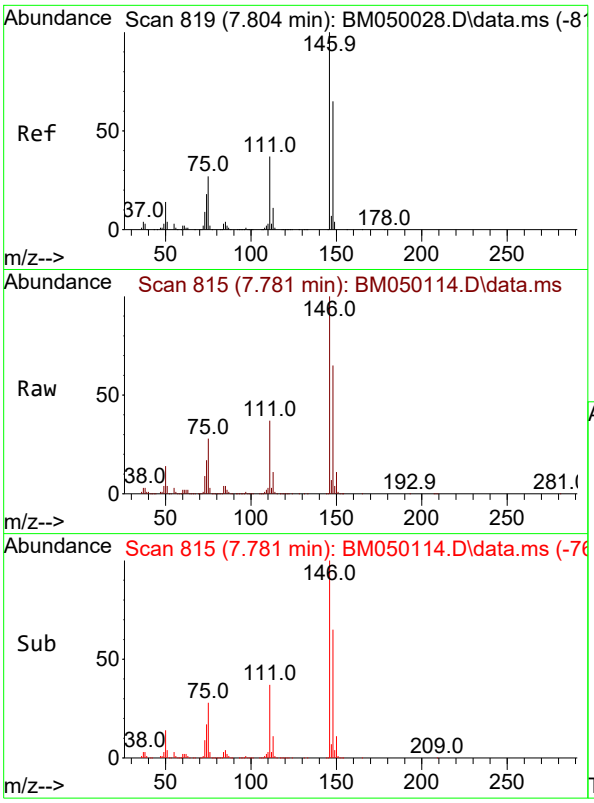


#12
1,3-Dichlorobenzene
Concen: 39.126 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:146 Resp: 735168

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.5	78.7
75	27.7	22.6	34.0



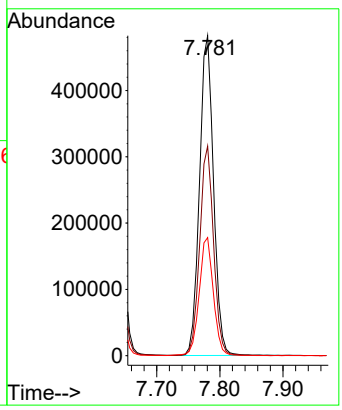


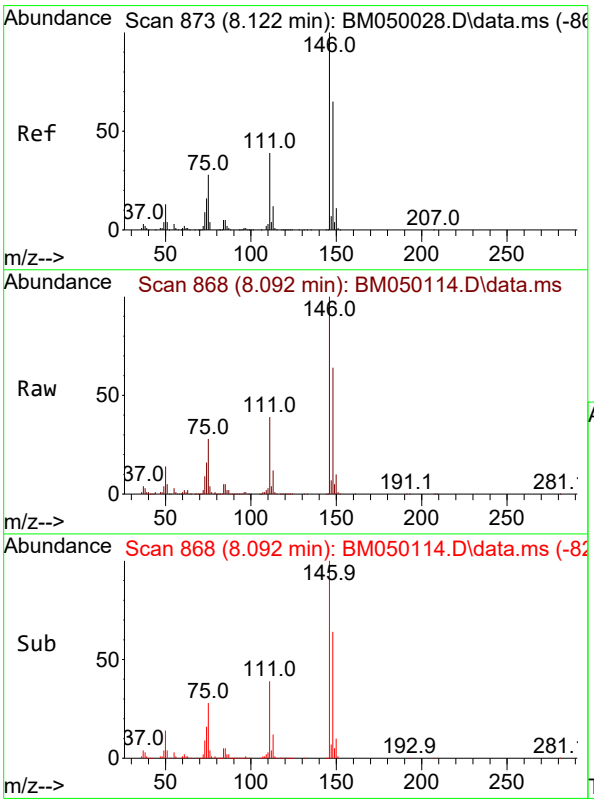
#13
1,4-Dichlorobenzene
Concen: 39.500 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:146 Resp: 745620

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	36.9	29.3	43.9

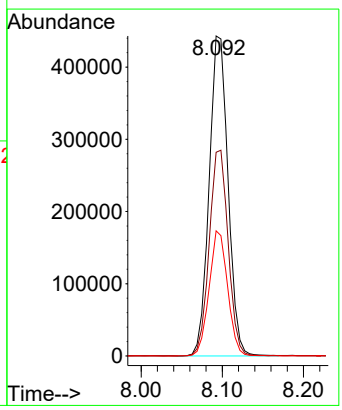


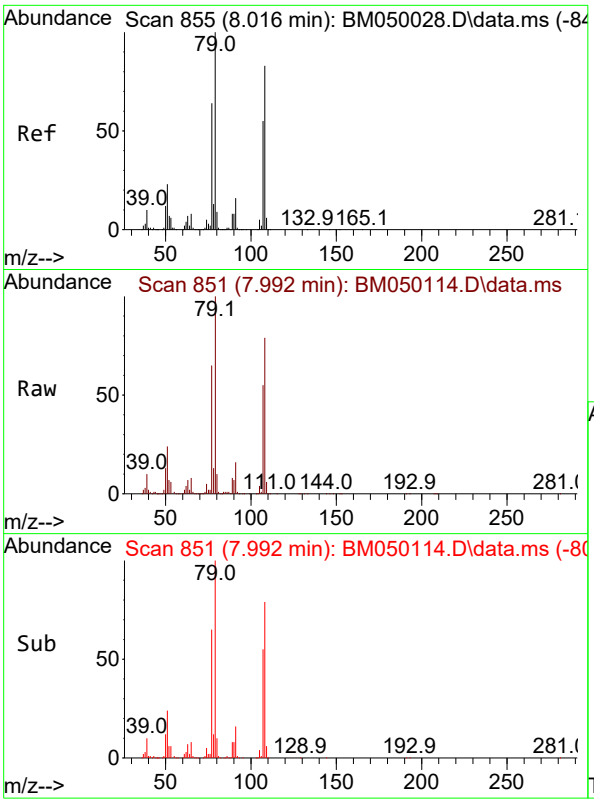


#14
1,2-Dichlorobenzene
Concen: 39.259 ng
RT: 8.092 min Scan# 868
Delta R.T. -0.030 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:146 Resp: 715845

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.4	78.6
111	39.1	31.0	46.6



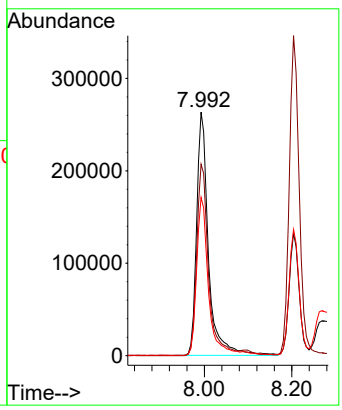


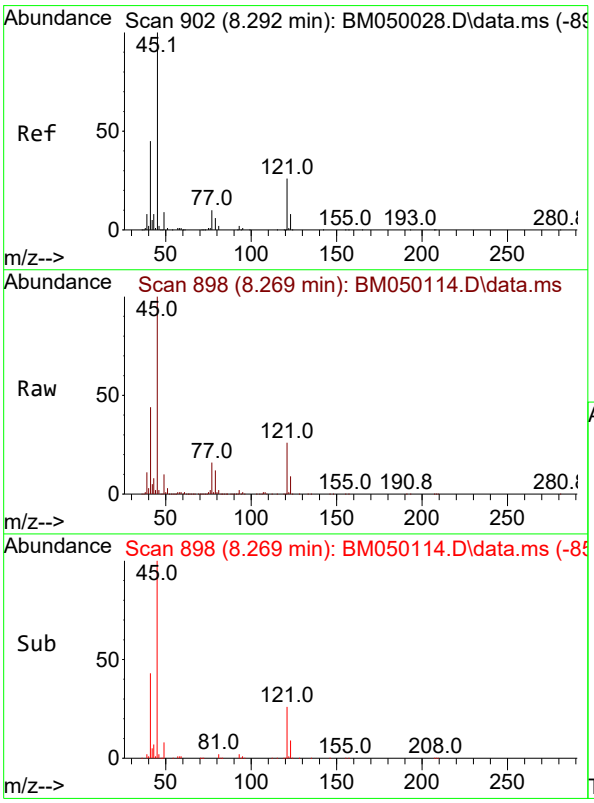
#15
Benzyl Alcohol
Concen: 39.784 ng
RT: 7.992 min Scan# 8
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion: 79 Resp: 498872

Ion	Ratio	Lower	Upper
79	100		
108	78.6	66.0	99.0
77	65.0	51.6	77.4

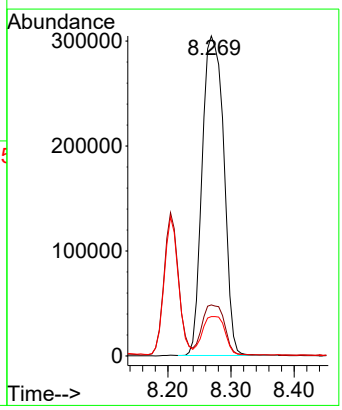


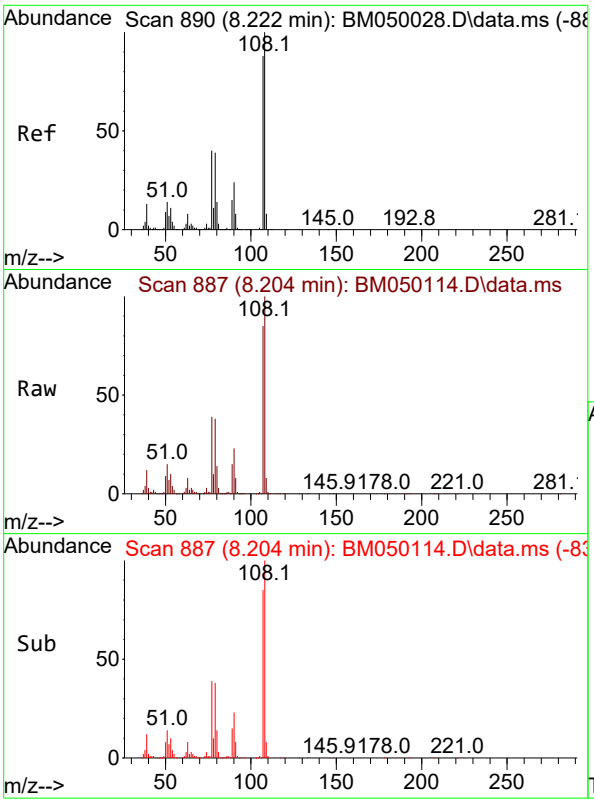


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.876 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 45 Resp: 722306

Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	36.4
79	12.3	0.0	32.7



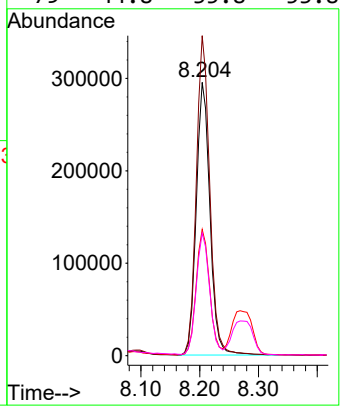


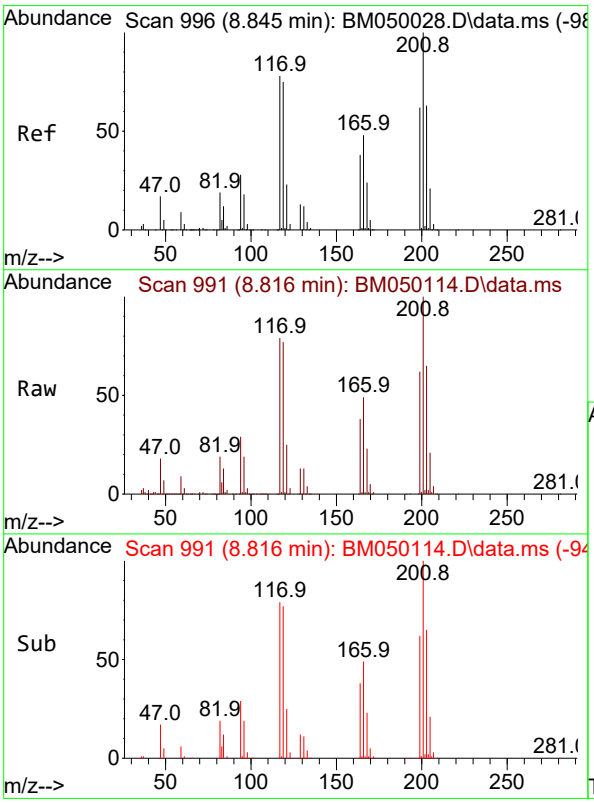
#17
2-Methylphenol
Concen: 39.539 ng
RT: 8.204 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:107 Resp: 476788

Ion	Ratio	Lower	Upper
107	100		
108	117.1	91.1	136.7
77	46.2	36.2	54.4
79	44.8	35.8	53.8

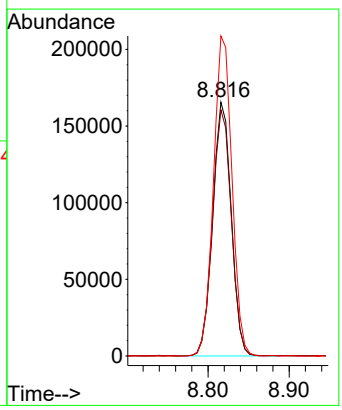


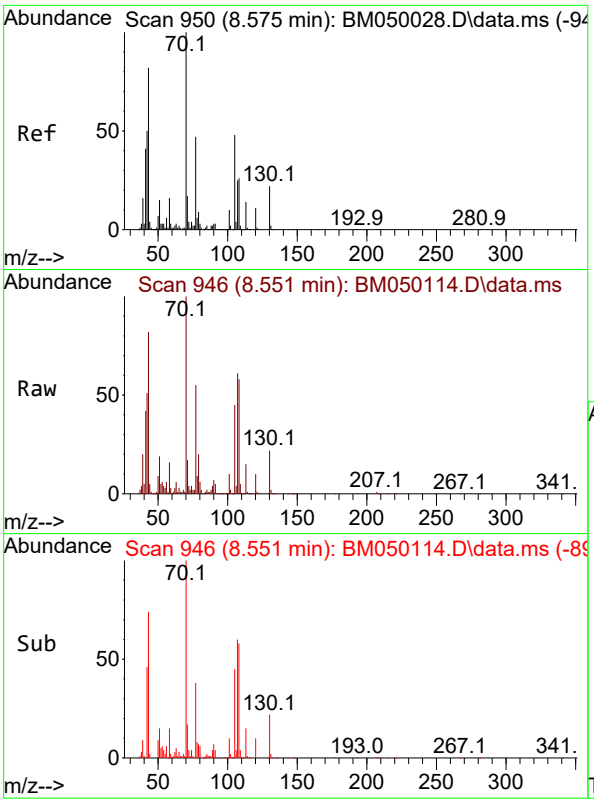


#18
Hexachloroethane
Concen: 39.410 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.030 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:117 Resp: 264449

Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.3	115.9
201	126.1	102.8	154.2



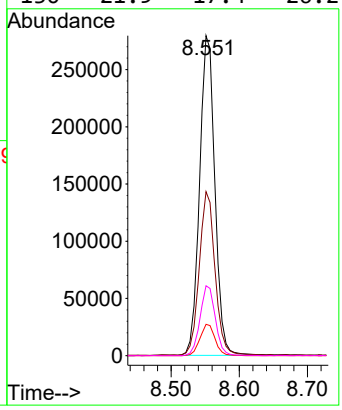


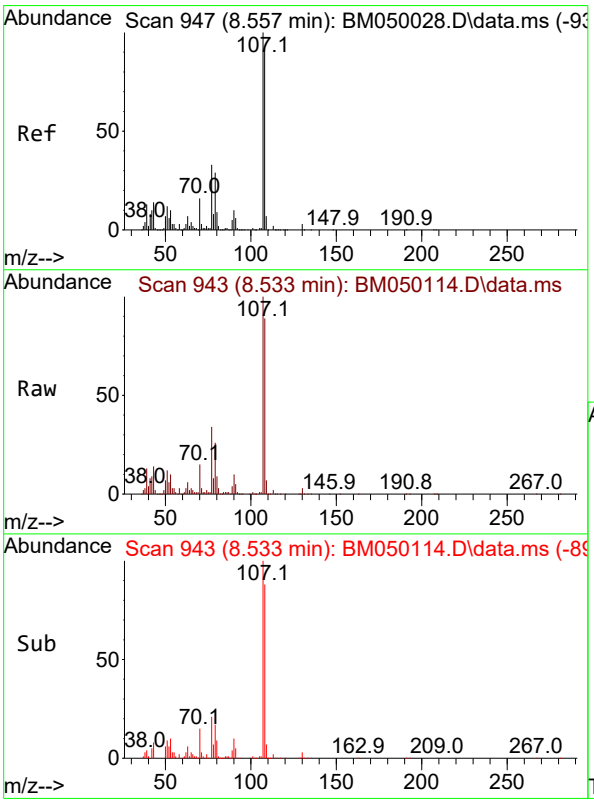
#19
n-Nitroso-di-n-propylamine
Concen: 37.638 ng
RT: 8.551 min Scan# 94
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion: 70 Resp: 436482

Ion	Ratio	Lower	Upper
70	100		
42	51.2	40.5	60.7
101	9.8	7.8	11.6
130	21.9	17.4	26.2

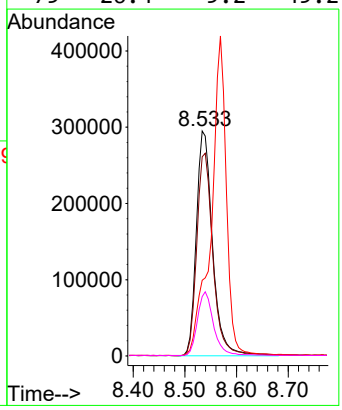


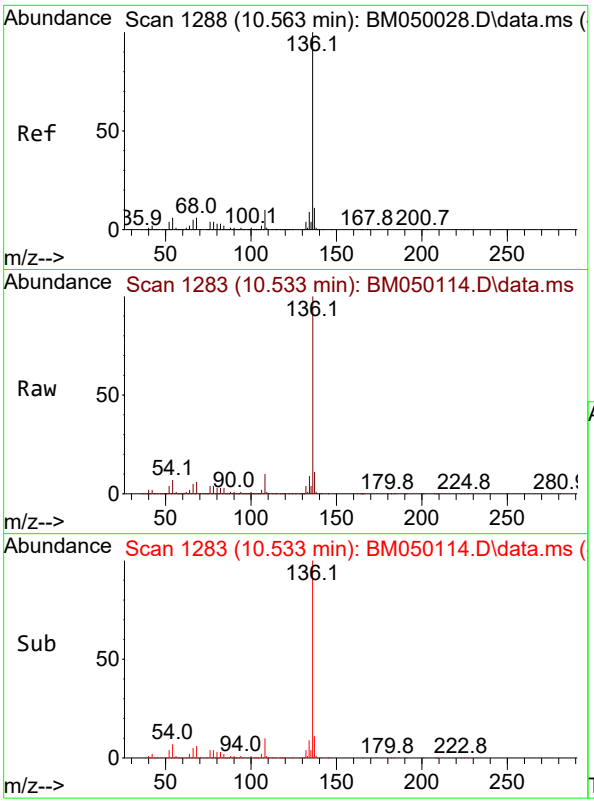


#20
3+4-Methylphenols
Concen: 39.501 ng
RT: 8.533 min Scan# 943
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:107 Resp: 643262

Ion	Ratio	Lower	Upper
107	100		
108	88.6	72.4	112.4
77	33.6	13.6	53.6
79	26.4	9.2	49.2



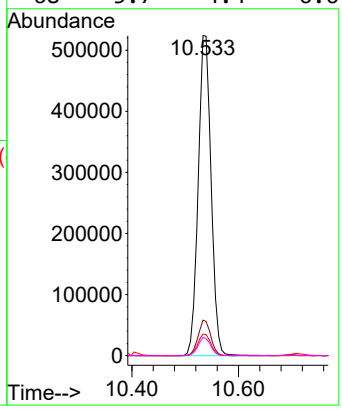


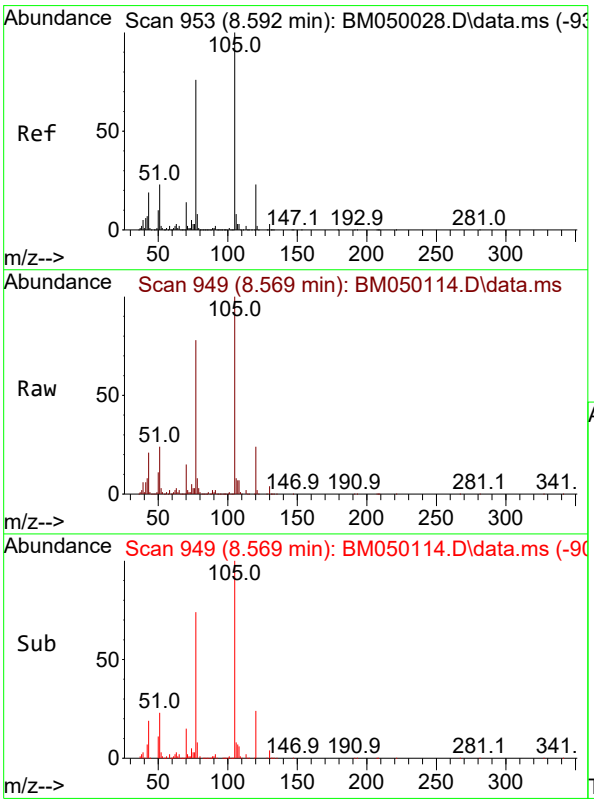
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.533 min Scan# 1
Delta R.T. -0.030 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:136 Resp: 880758

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	5.1	7.7
68	5.7	4.4	6.6

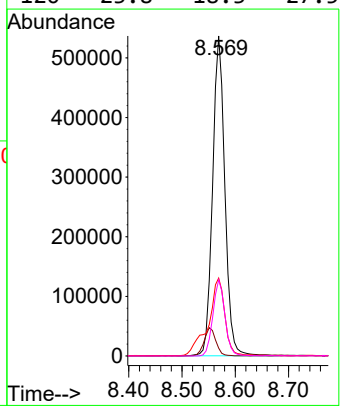


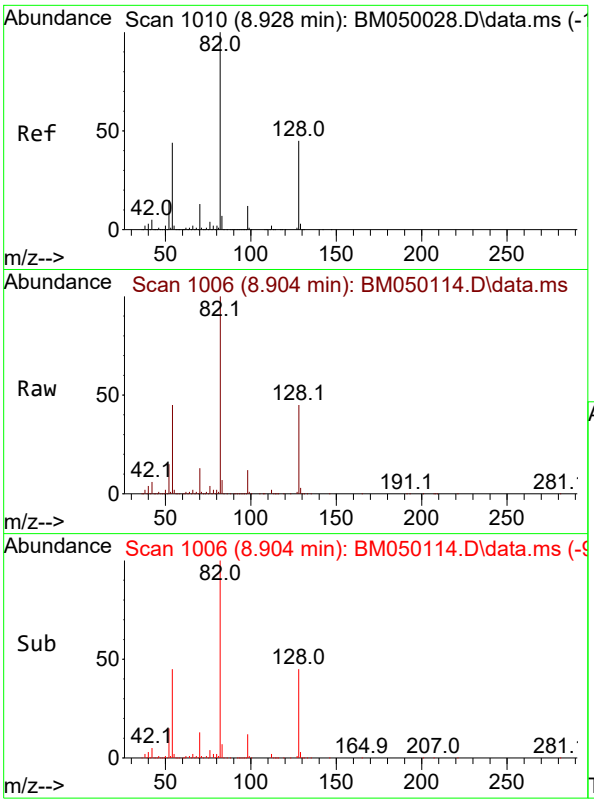


#22
Acetophenone
Concen: 39.402 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:105 Resp: 862792

Ion	Ratio	Lower	Upper
105	100		
71	2.5	1.7	2.5
51	24.4	18.6	27.8
120	23.8	18.3	27.5



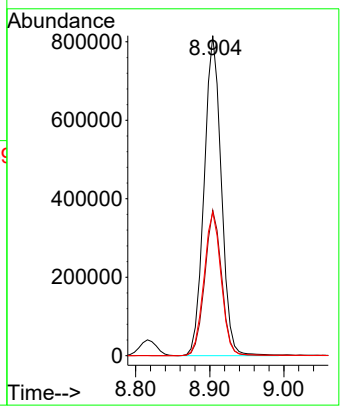


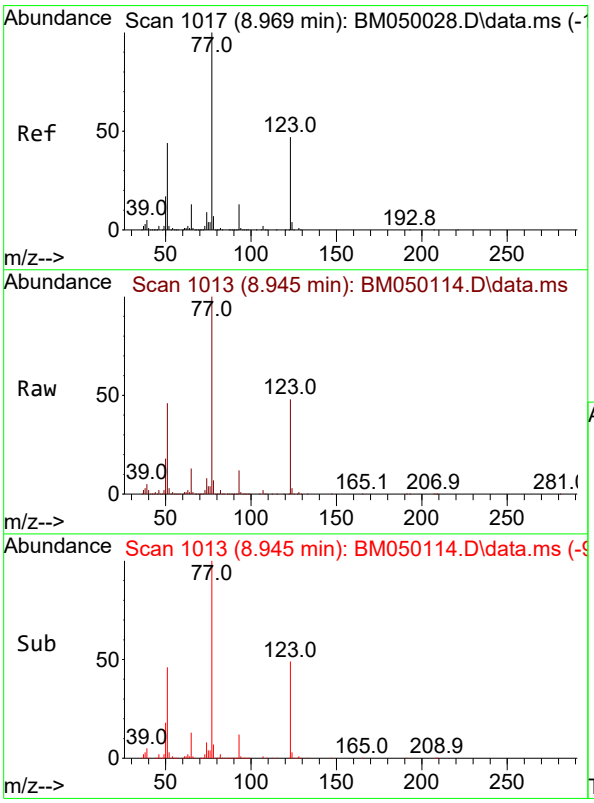
#23
Nitrobenzene-d5
Concen: 73.287 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion: 82 Resp: 1309925

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	44.8	35.4	53.2

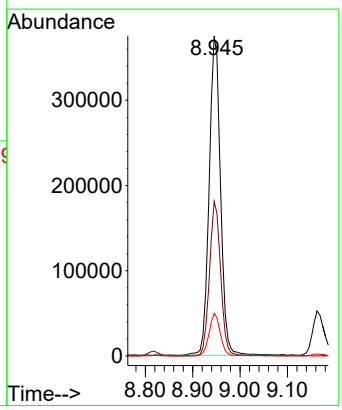


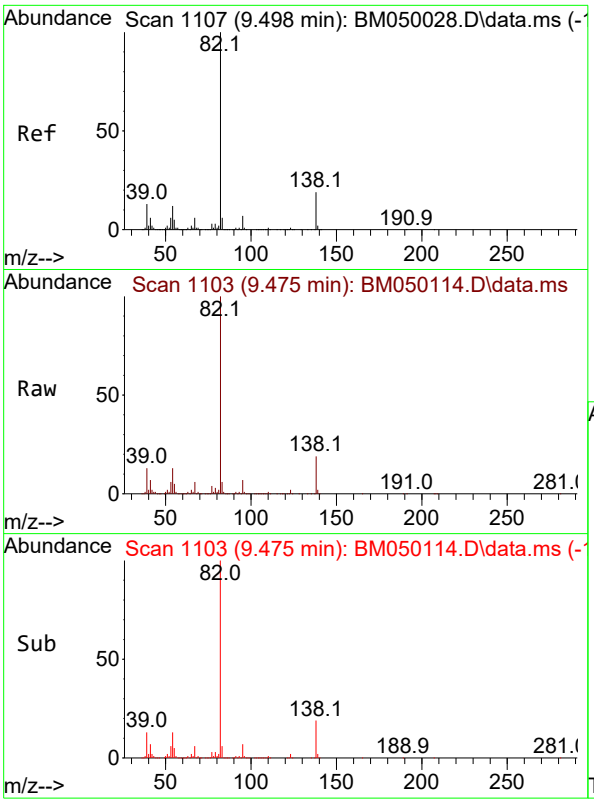


#24
Nitrobenzene
Concen: 40.408 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 77 Resp: 624497

Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.9	56.9
65	13.3	10.1	15.1



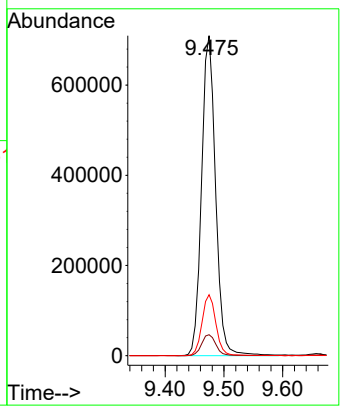


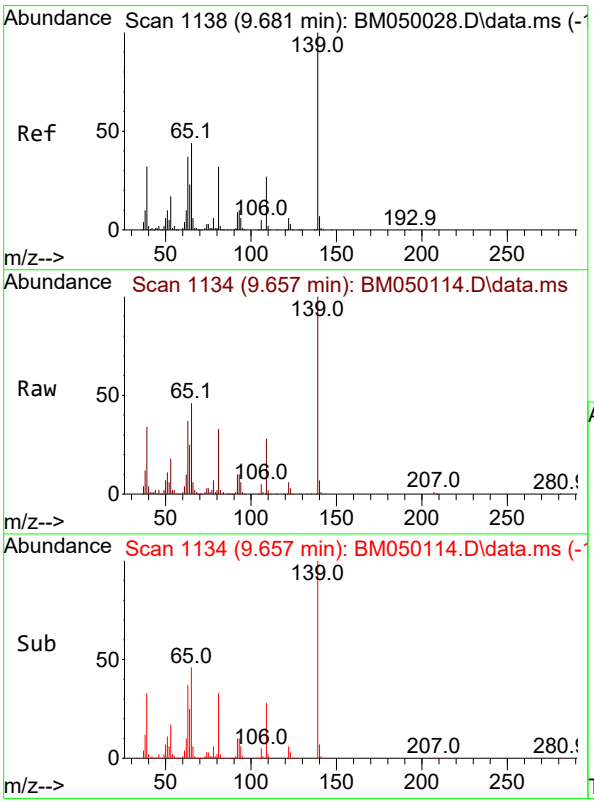
#25
Isophorone
Concen: 38.443 ng
RT: 9.475 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion: 82 Resp: 1171263

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.7	8.5
138	19.1	15.5	23.3

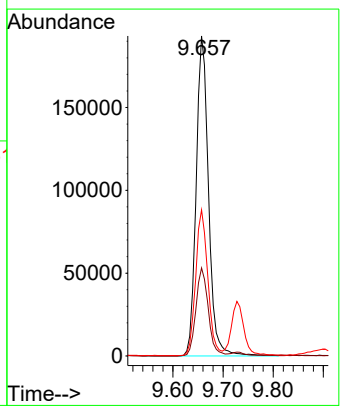


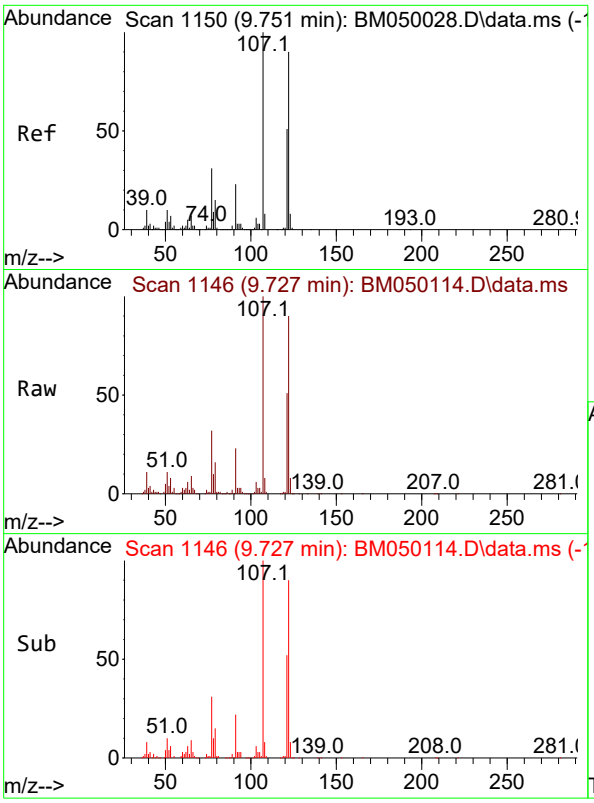


#26
2-Nitrophenol
Concen: 41.952 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:139 Resp: 331231

Ion	Ratio	Lower	Upper
139	100		
109	27.5	21.9	32.9
65	45.7	35.4	53.2



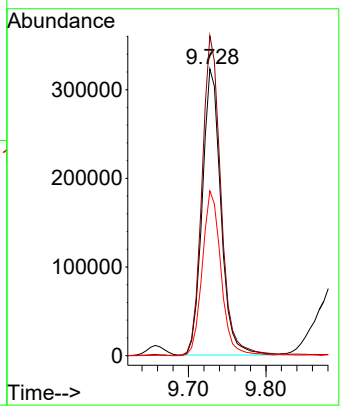


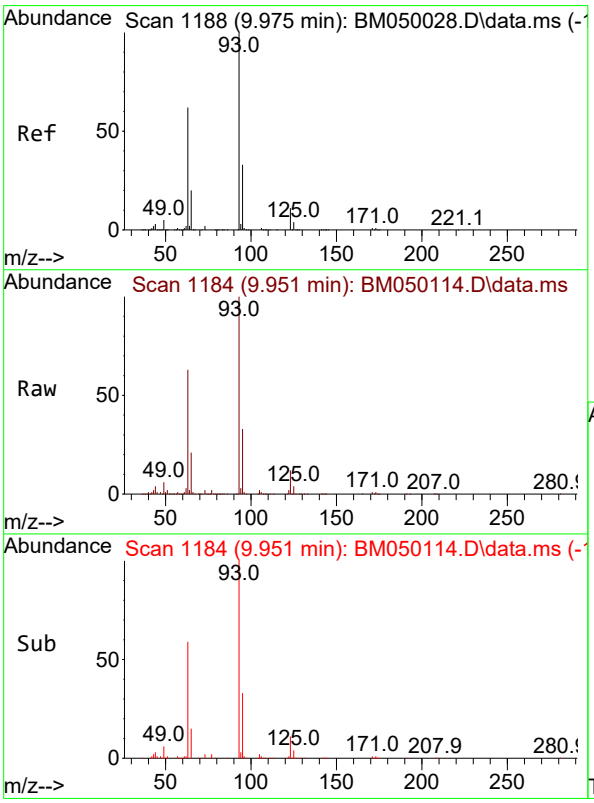
#27
2,4-Dimethylphenol
Concen: 41.141 ng
RT: 9.727 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:122 Resp: 538682

Ion	Ratio	Lower	Upper
122	100		
107	111.6	89.0	133.6
121	57.5	45.6	68.4

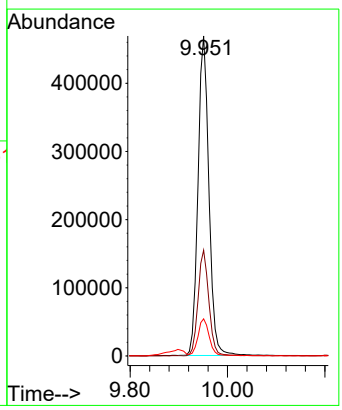


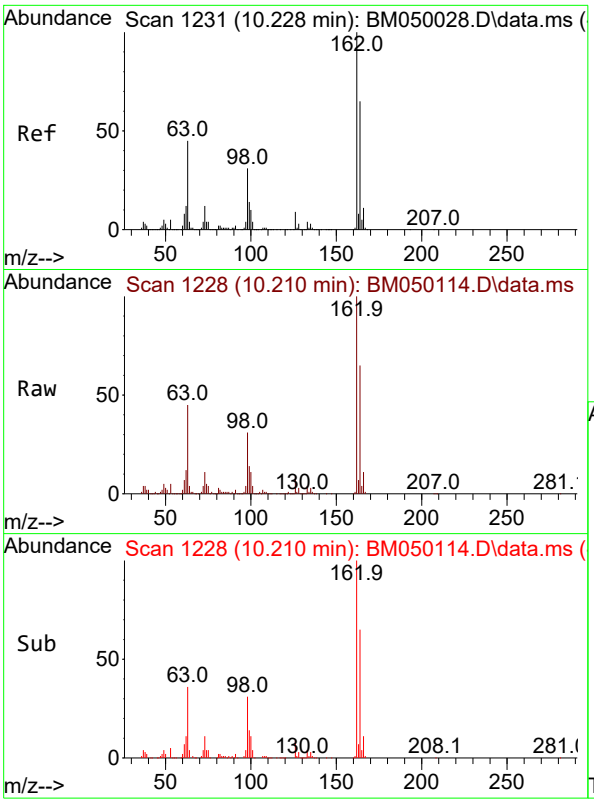


#28
bis(2-Chloroethoxy)methane
Concen: 38.756 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 93 Resp: 729831

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.1	39.1
123	11.6	9.5	14.3



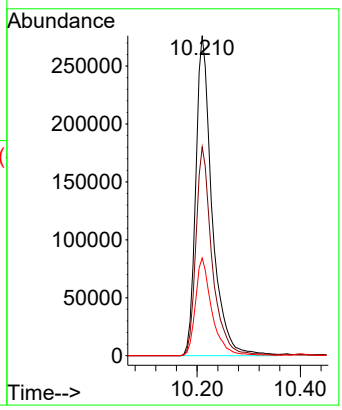


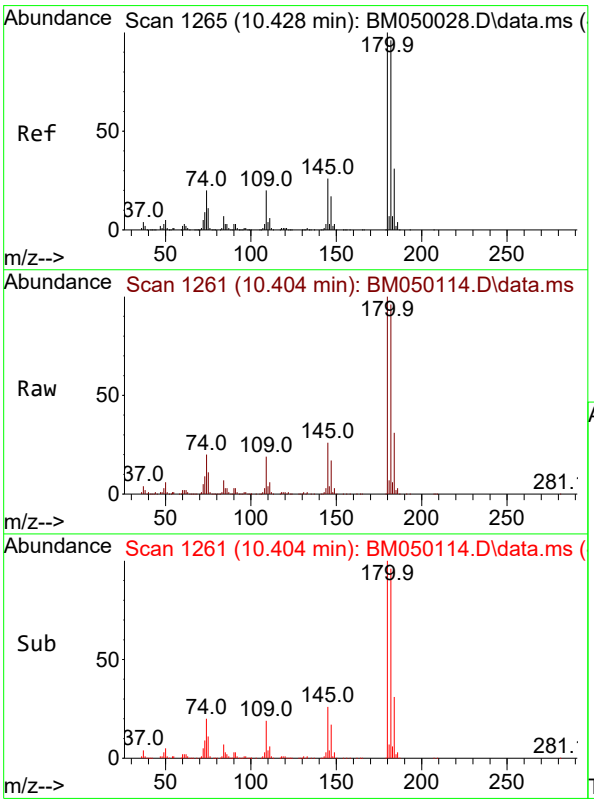
#29
2,4-Dichlorophenol
Concen: 41.206 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:162 Resp: 604437

Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.4	85.4
98	30.5	11.3	51.3

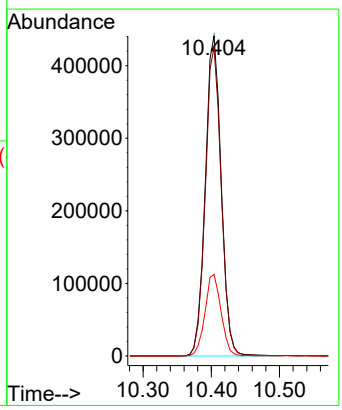


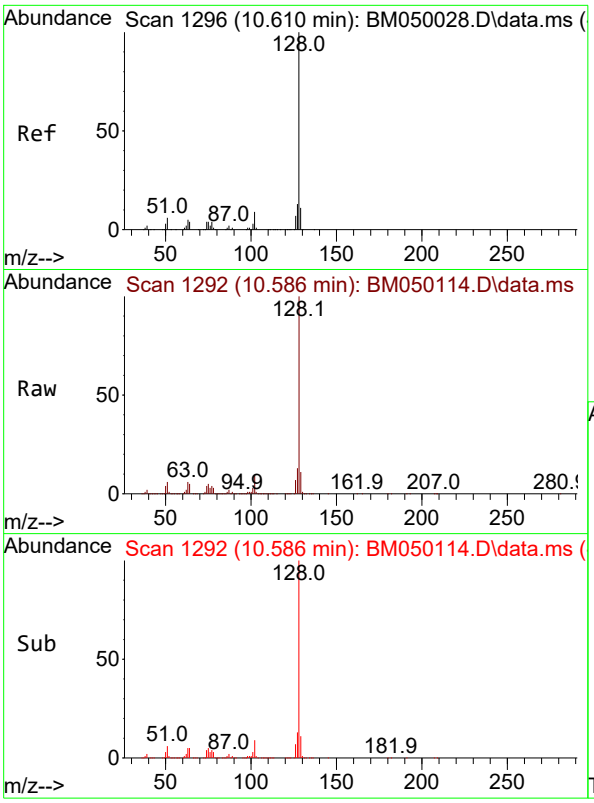


#30
1,2,4-Trichlorobenzene
Concen: 40.034 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:180 Resp: 715468

Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.0	115.4
145	25.5	20.6	30.8



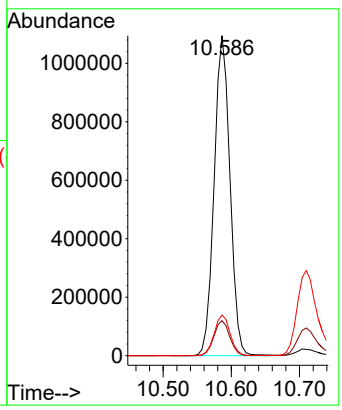


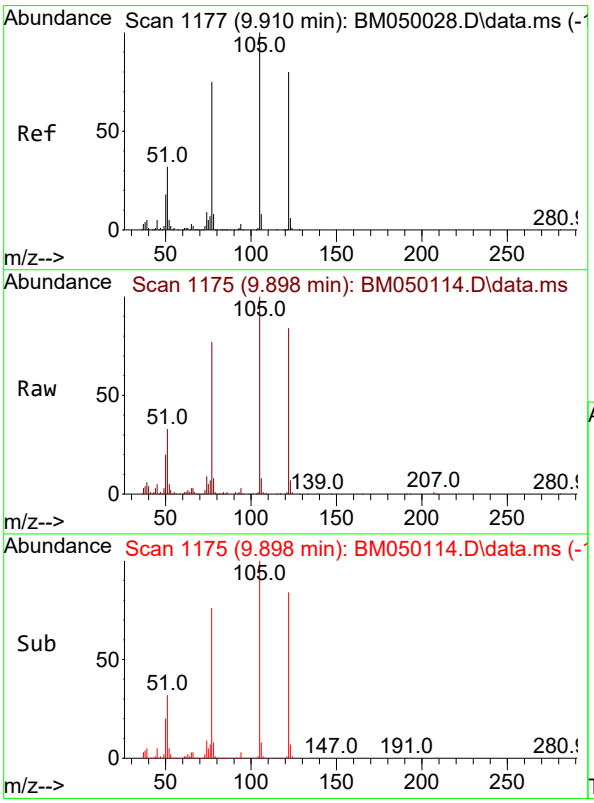
#31
Naphthalene
Concen: 39.607 ng
RT: 10.586 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:128 Resp: 1766653

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.7	10.4	15.6

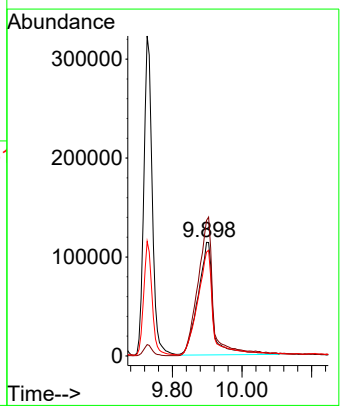


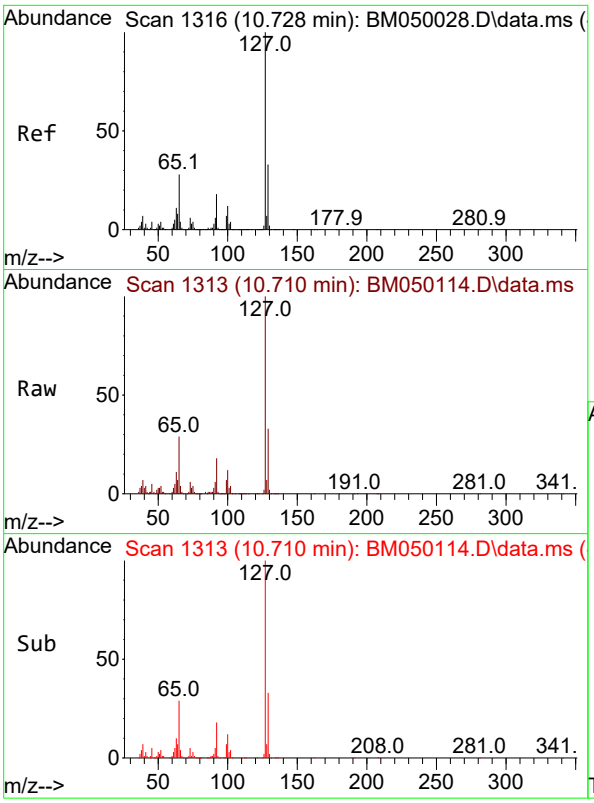


#32
Benzoic acid
Concen: 41.550 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:122 Resp: 347950

Ion	Ratio	Lower	Upper
122	100		
105	119.3	103.6	143.6
77	91.4	73.7	113.7



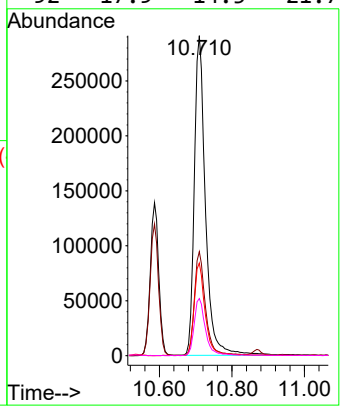


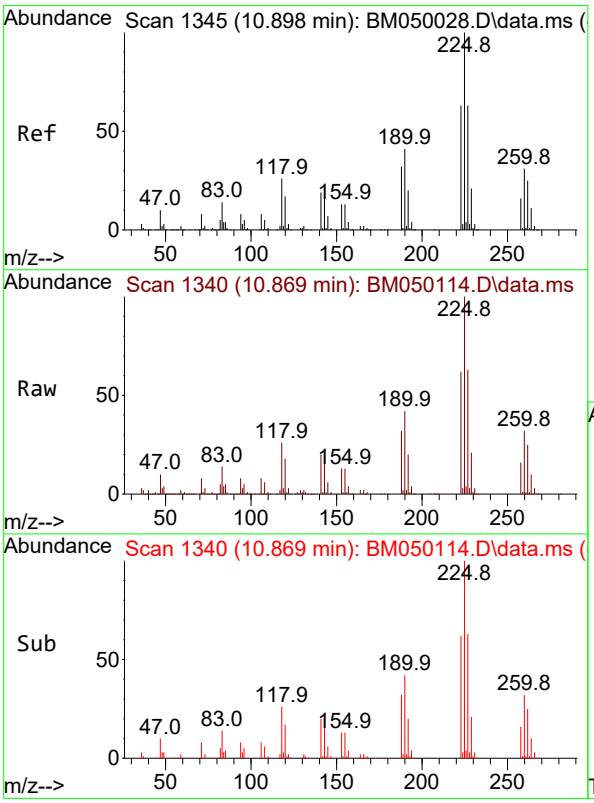
#33
4-Chloroaniline
Concen: 33.966 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:127 Resp: 620975

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	29.0	22.5	33.7
92	17.9	14.5	21.7

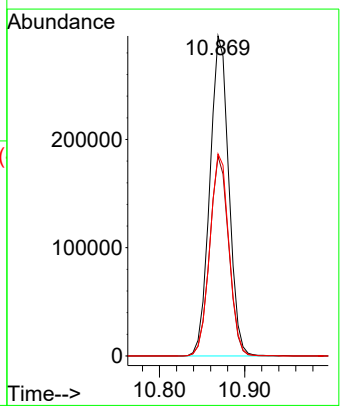


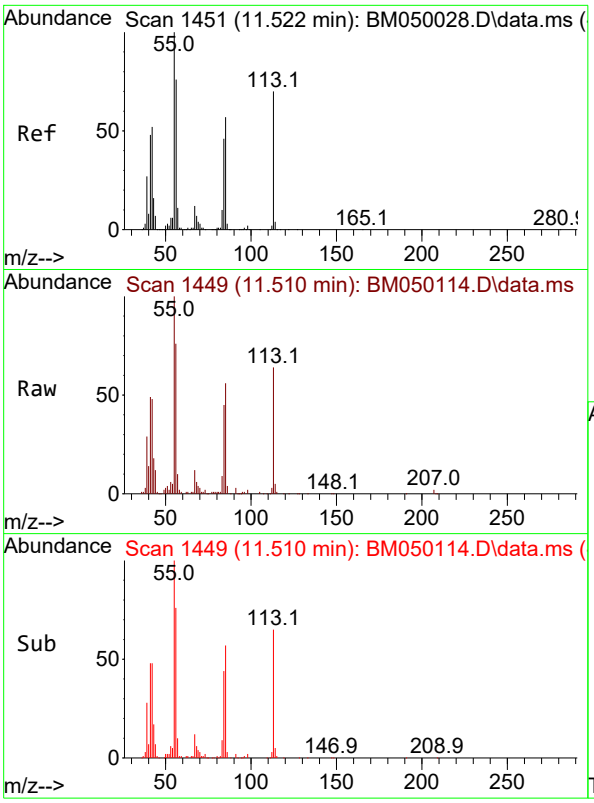


#34
Hexachlorobutadiene
Concen: 40.257 ng
RT: 10.869 min Scan# 1340
Delta R.T. -0.030 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:225 Resp: 456694

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.2
227	63.1	50.6	76.0



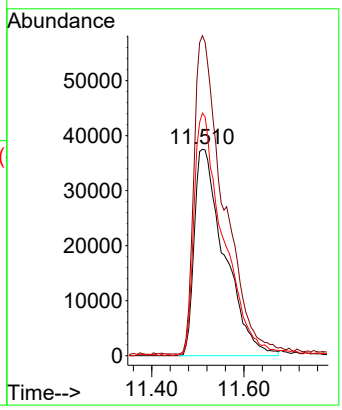


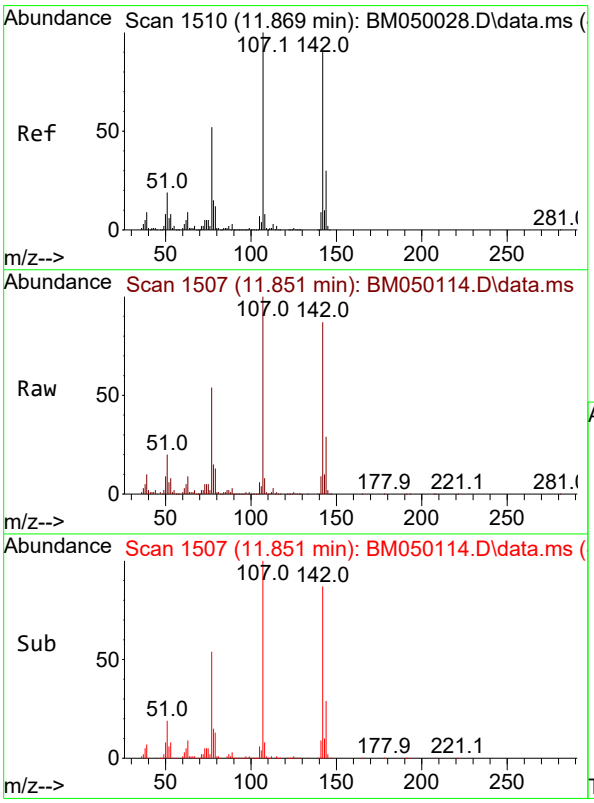
#35
Caprolactam
Concen: 39.608 ng
RT: 11.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:113 Resp: 169402

Ion	Ratio	Lower	Upper
113	100		
55	155.1	122.9	162.9
56	117.5	88.1	128.1

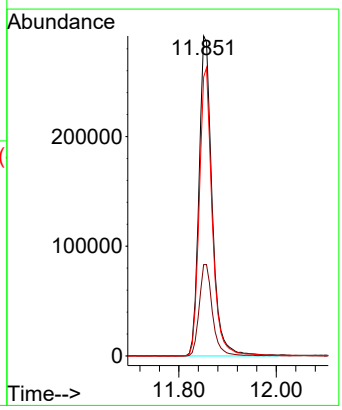


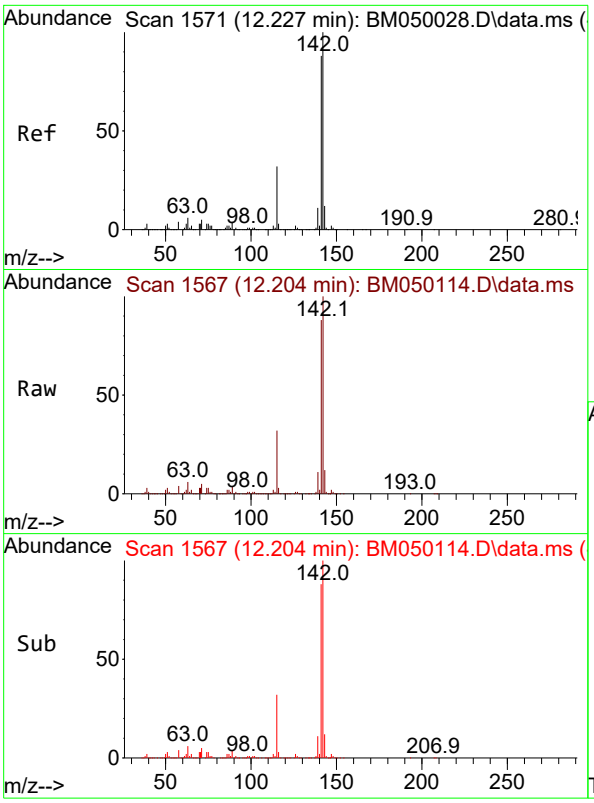


#36
4-Chloro-3-methylphenol
Concen: 40.269 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:107 Resp: 545727

Ion	Ratio	Lower	Upper
107	100		
144	28.6	23.8	35.6
142	87.2	71.9	107.9



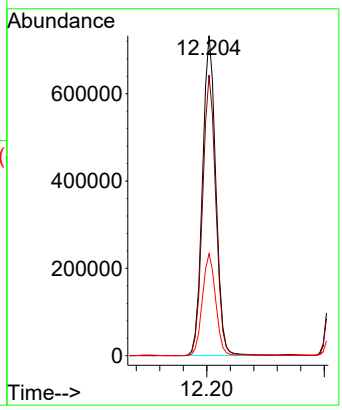


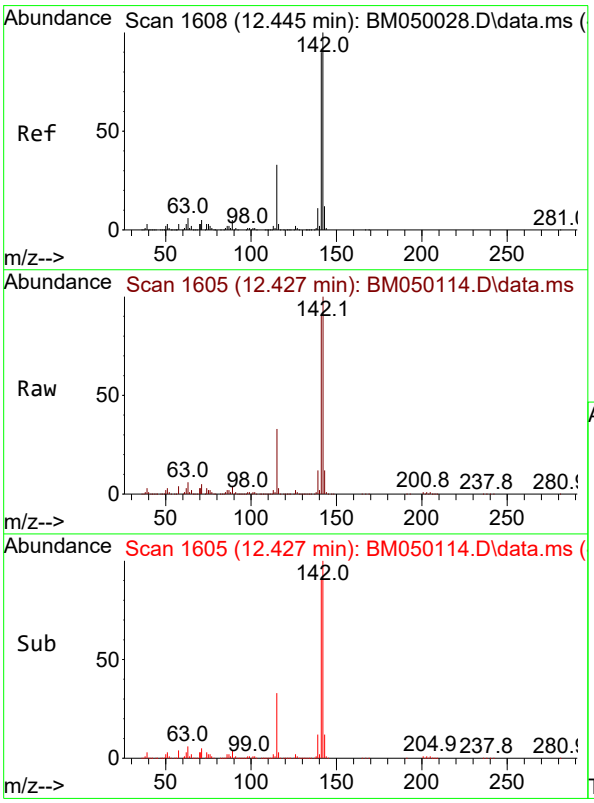
#37
2-Methylnaphthalene
Concen: 38.449 ng
RT: 12.204 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:142 Resp: 1149787

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.4	105.6
115	31.9	25.4	38.2

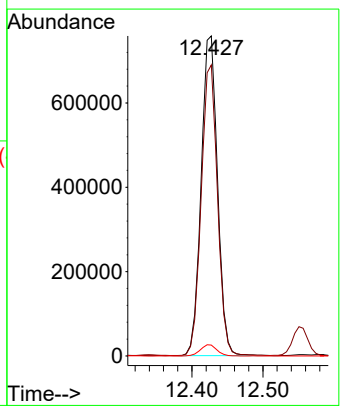


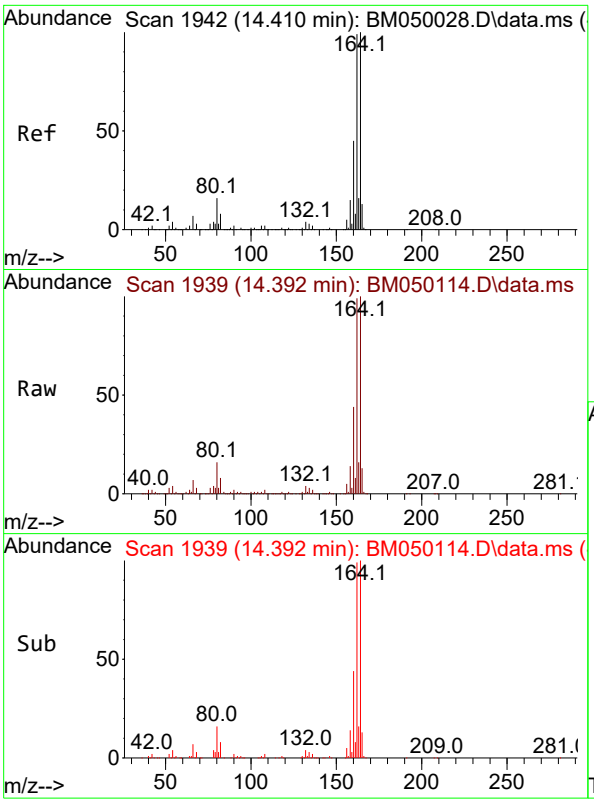


#38
1-Methylnaphthalene
Concen: 38.395 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:142 Resp: 1215114

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.1	108.1
116	3.4	2.7	4.1



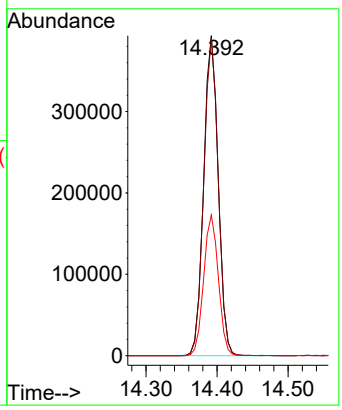


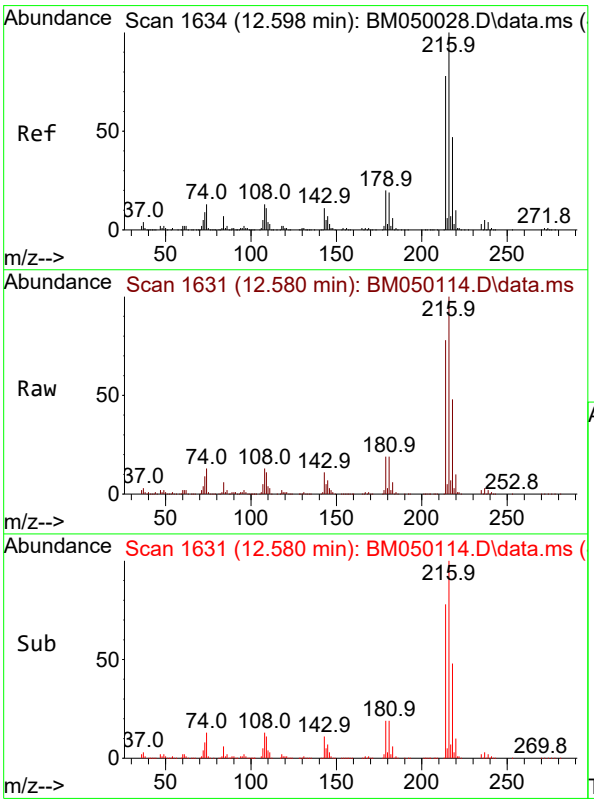
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:164 Resp: 559090

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	43.9	36.2	54.4

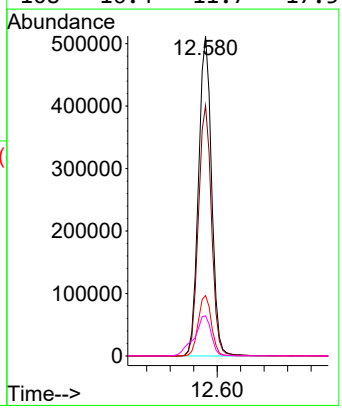


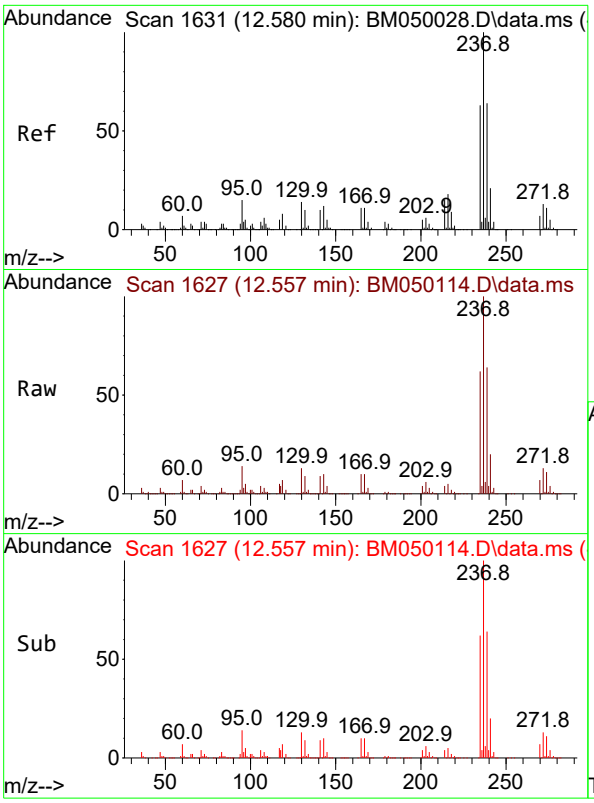


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.895 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:216 Resp: 791499

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.3	93.5
179	19.1	15.4	23.0
108	16.4	11.7	17.5



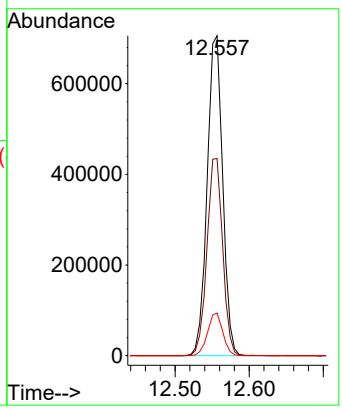


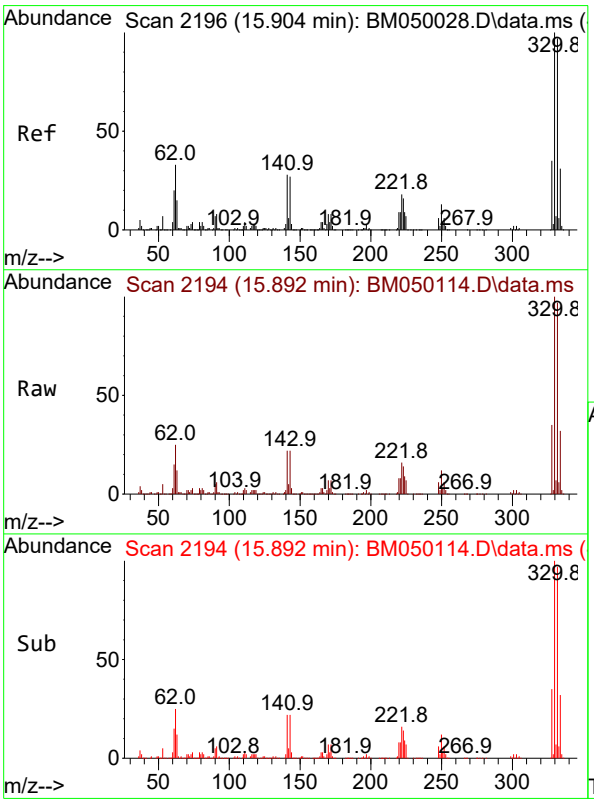
#41
Hexachlorocyclopentadiene
Concen: 86.711 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:237 Resp: 1025596

Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.9	82.9
272	13.3	0.0	32.9

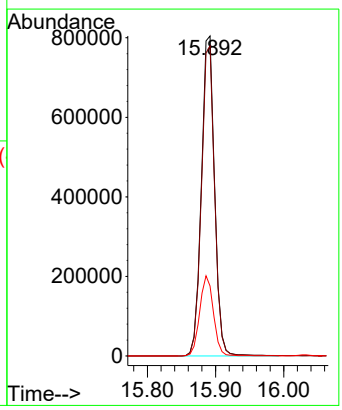


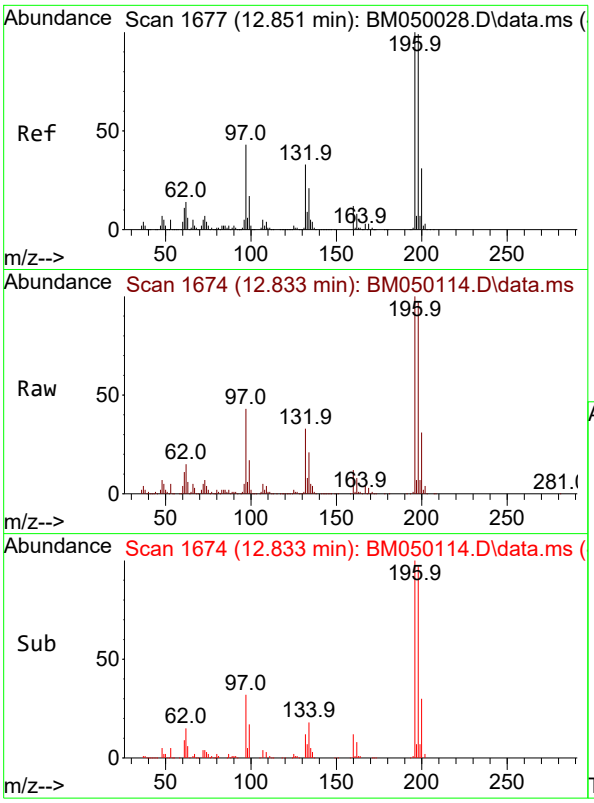


#42
2,4,6-Tribromophenol
Concen: 131.048 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:330 Resp: 1083363

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	26.1	22.5	33.7



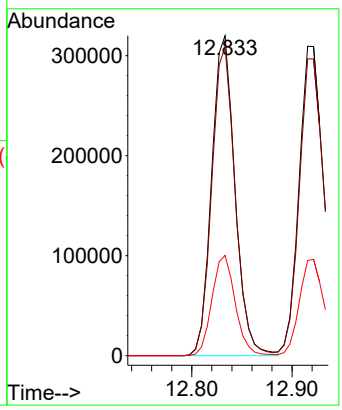


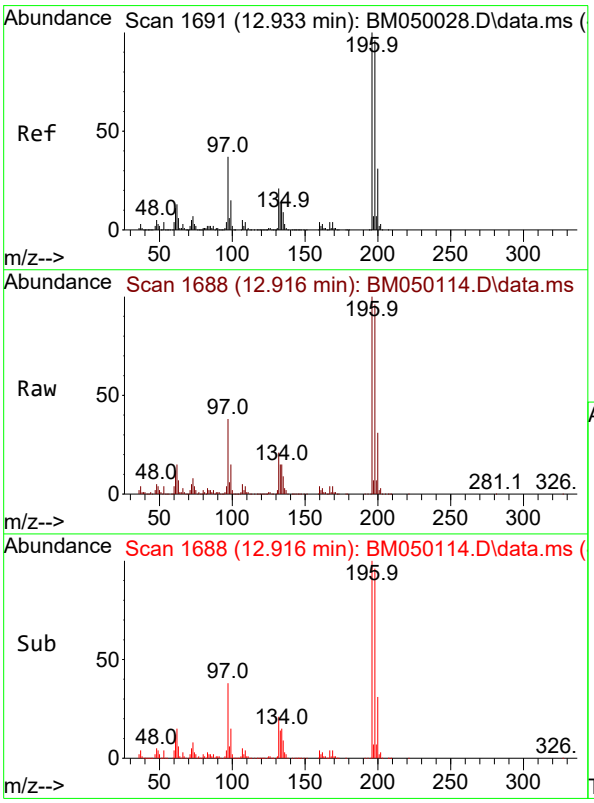
#43
2,4,6-Trichlorophenol
Concen: 42.148 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:196 Resp: 517394

Ion	Ratio	Lower	Upper
196	100		
198	96.6	79.0	118.6
200	31.4	25.1	37.7

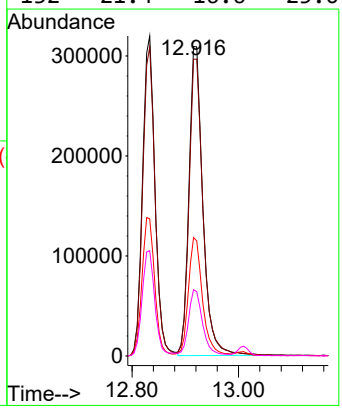


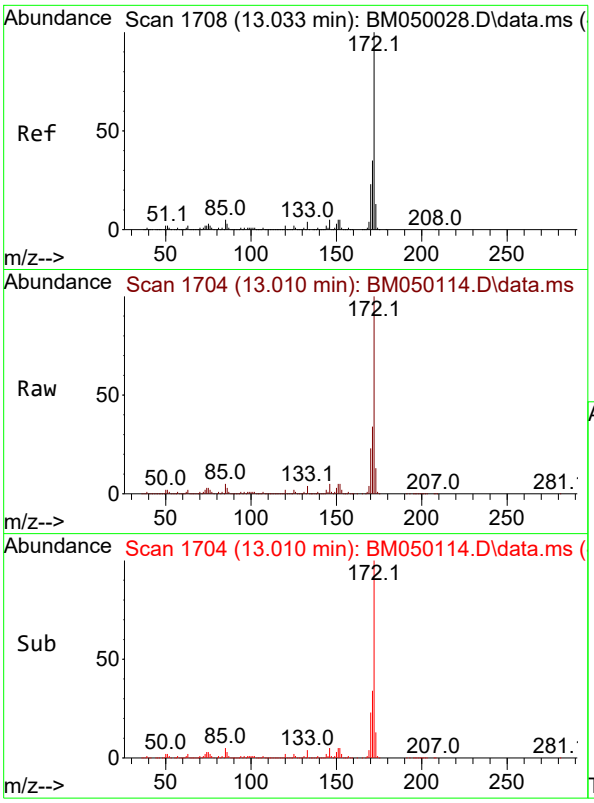


#44
2,4,5-Trichlorophenol
Concen: 42.402 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:196 Resp: 561291

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.7	115.1
97	38.2	30.1	45.1
132	21.4	16.6	25.0



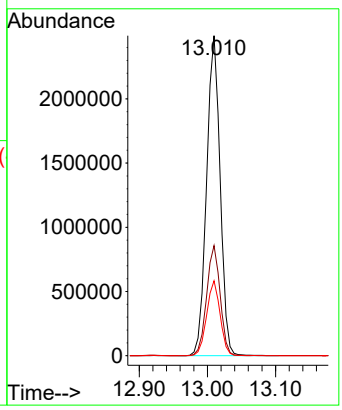


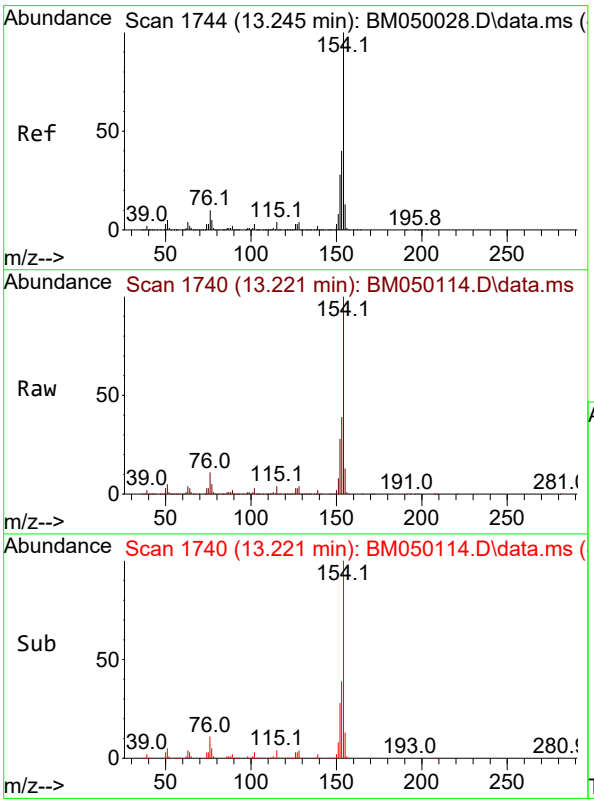
#45
2-Fluorobiphenyl
Concen: 72.888 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:172 Resp: 3444742

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.4	18.6	28.0

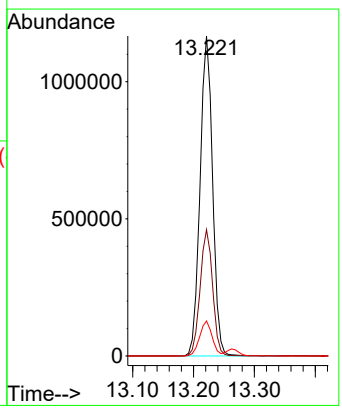


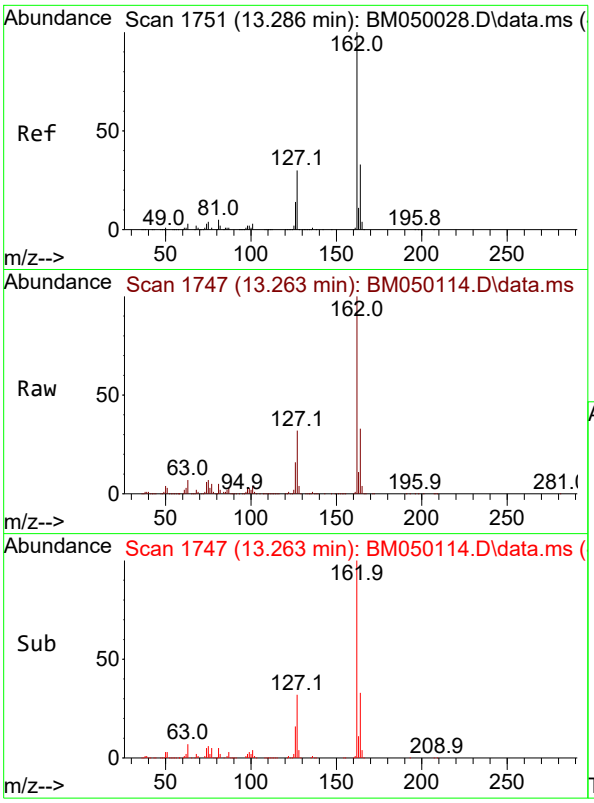


#46
1,1'-Biphenyl
Concen: 40.159 ng
RT: 13.221 min Scan# 1740
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:154 Resp: 1669025

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.0	60.0
76	10.9	0.0	30.3



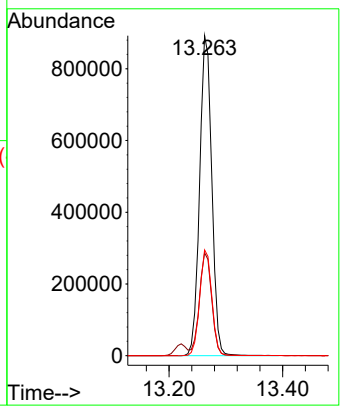


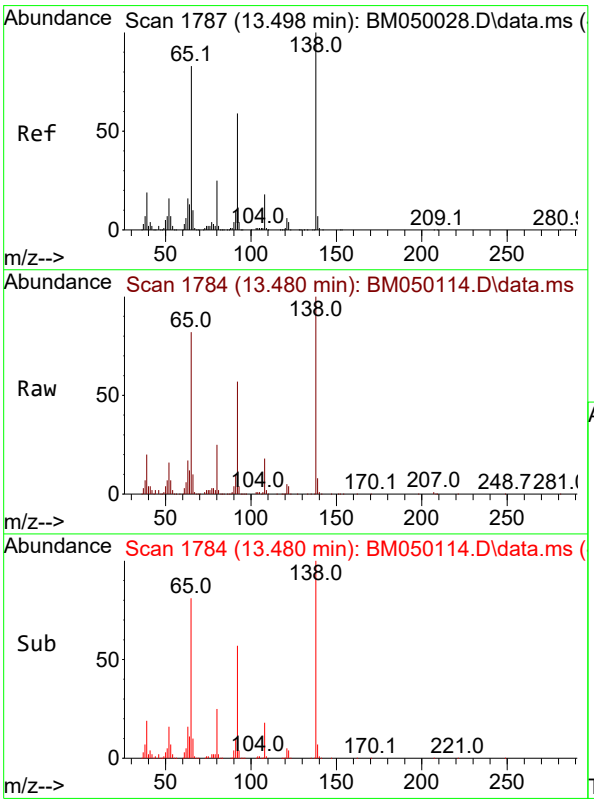
#47
2-Chloronaphthalene
Concen: 40.325 ng
RT: 13.263 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:162 Resp: 1327323

Ion	Ratio	Lower	Upper
162	100		
127	32.2	25.9	38.9
164	33.0	26.6	40.0

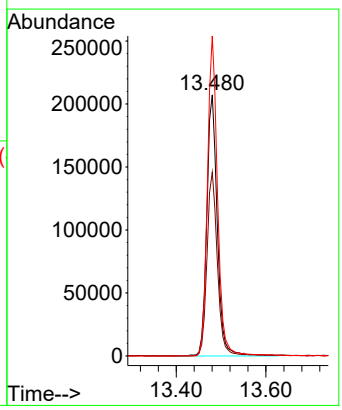


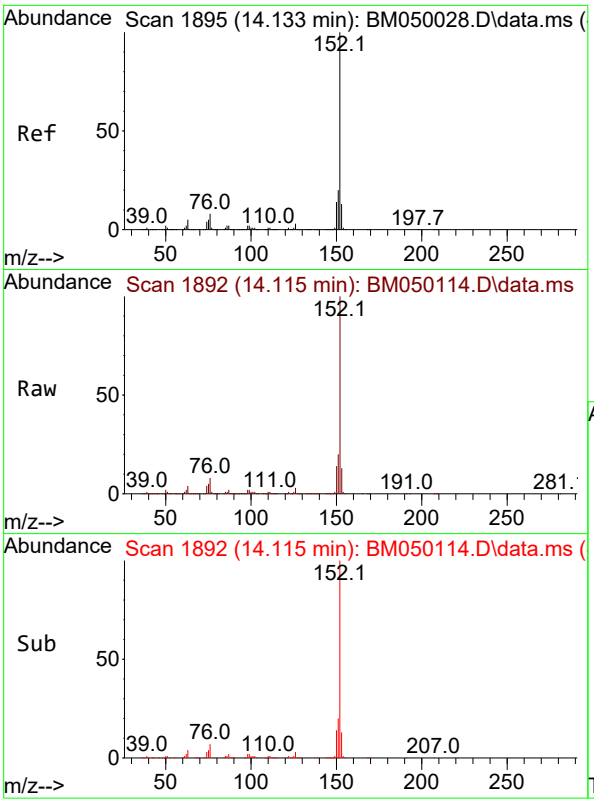


#48
2-Nitroaniline
Concen: 43.606 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion: 65 Resp: 336871

Ion	Ratio	Lower	Upper
65	100		
92	70.4	57.1	85.7
138	122.5	97.0	145.4



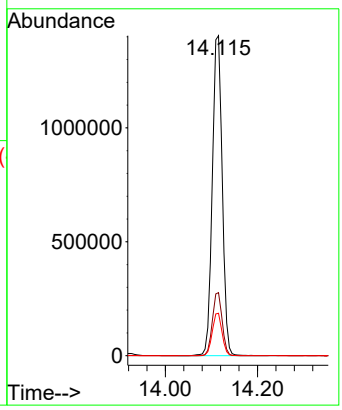


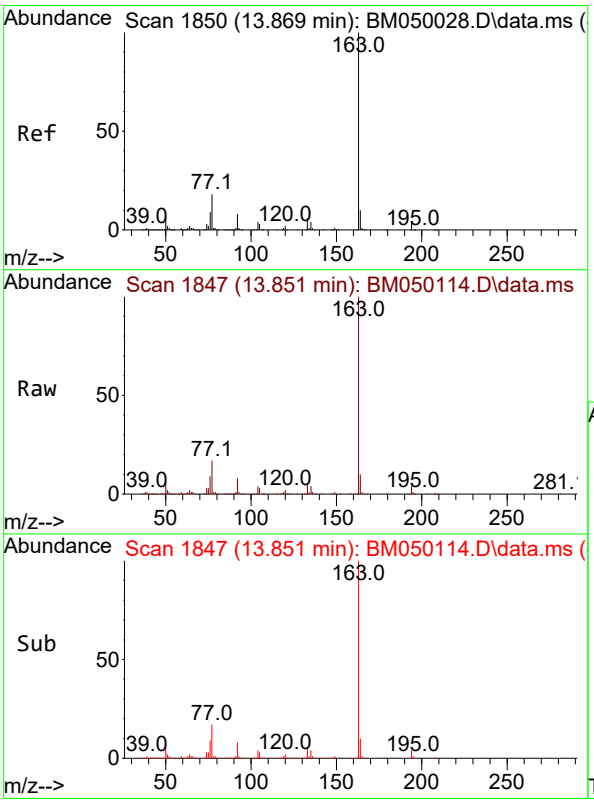
#49
Acenaphthylene
Concen: 40.453 ng
RT: 14.115 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:152 Resp: 2099404

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.3	10.6	15.8

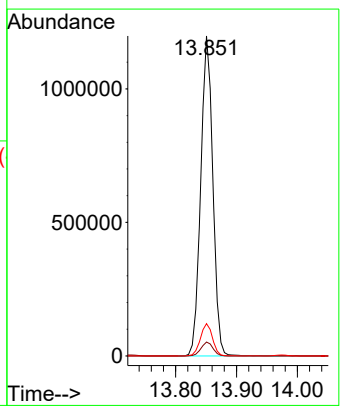


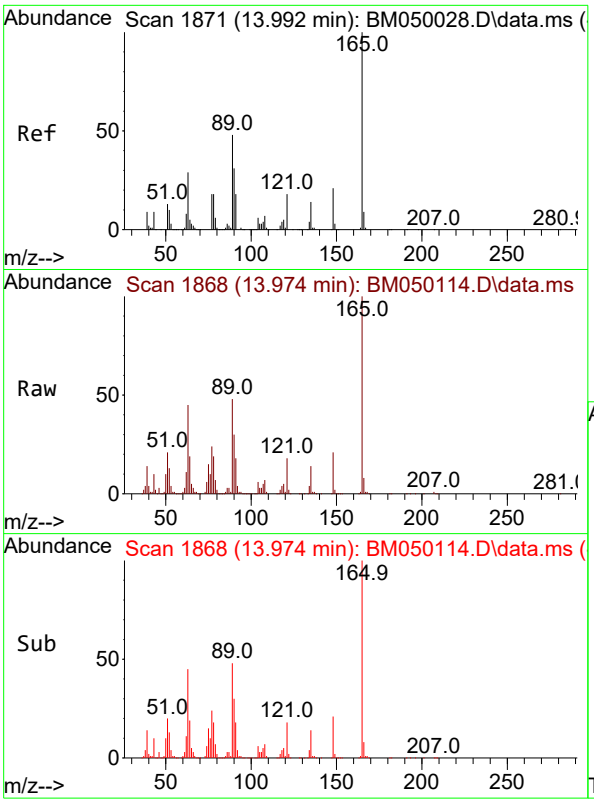


#50
Dimethylphthalate
Concen: 40.412 ng
RT: 13.851 min Scan# 1847
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:163 Resp: 1651210

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.2



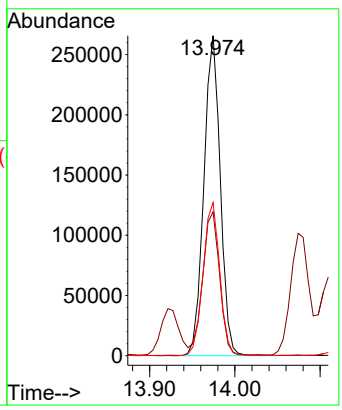


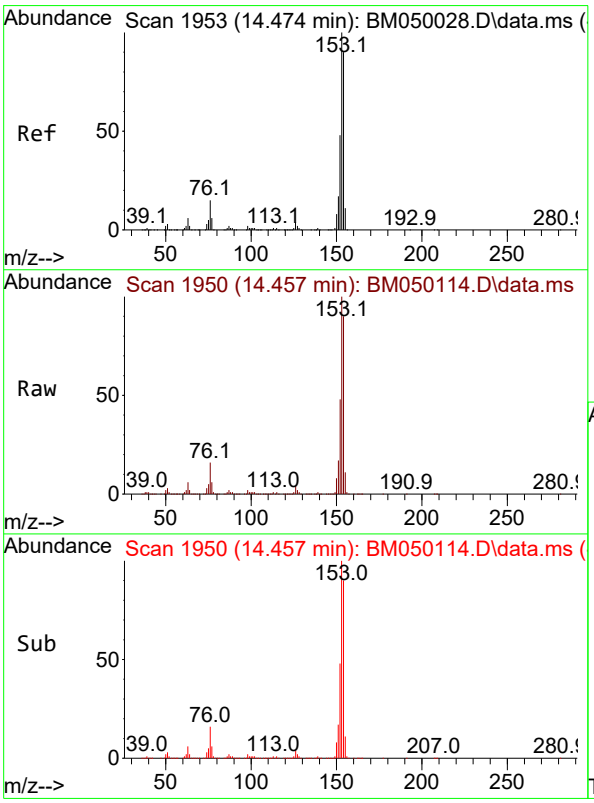
#51
2,6-Dinitrotoluene
Concen: 42.046 ng
RT: 13.974 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:165 Resp: 355694

Ion	Ratio	Lower	Upper
165	100		
63	44.9	35.1	52.7
89	47.9	38.4	57.6

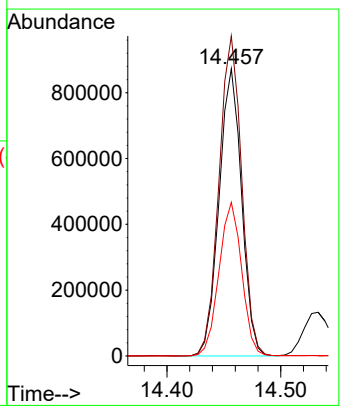


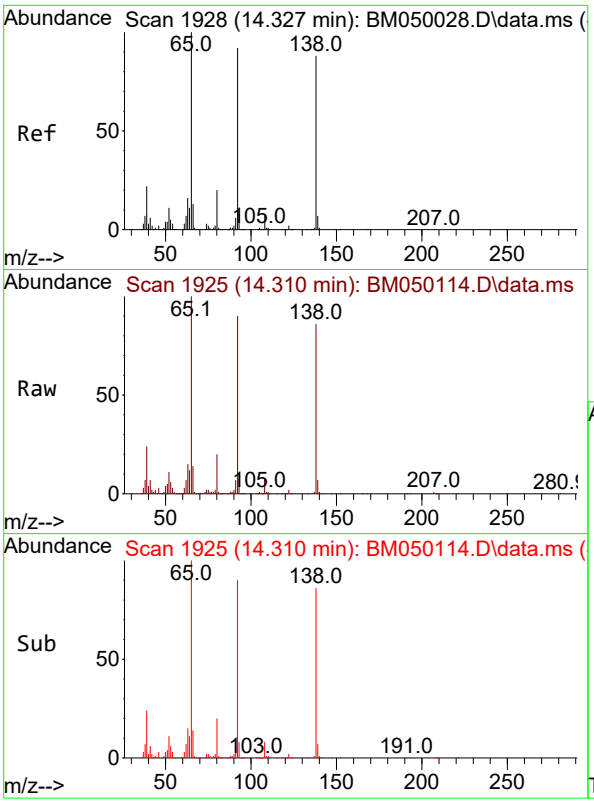


#52
Acenaphthene
Concen: 40.051 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:154 Resp: 1203147

Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.0	133.4
152	53.4	43.0	64.6



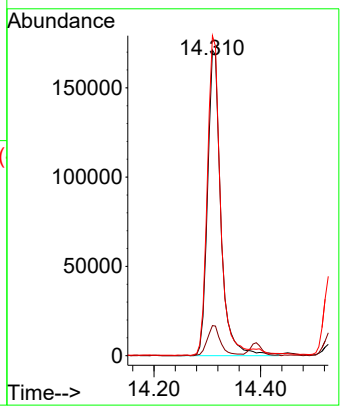


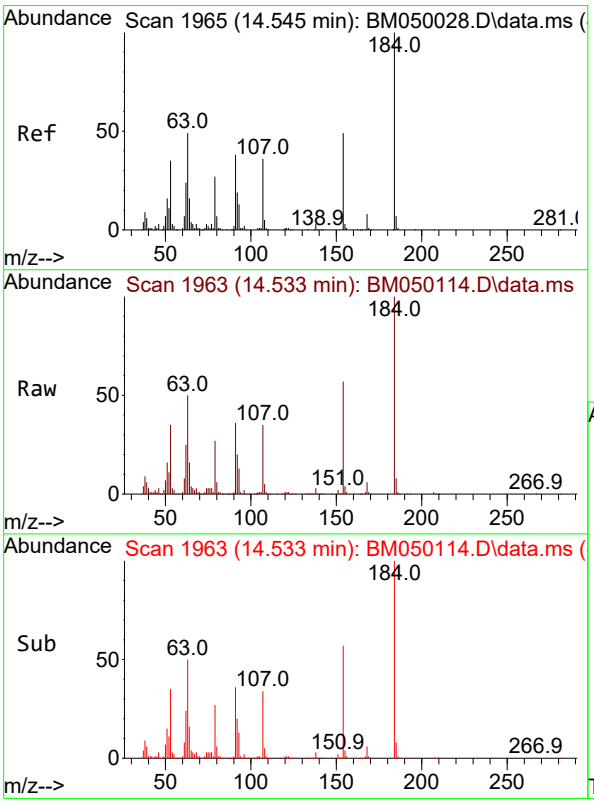
#53
3-Nitroaniline
Concen: 36.639 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:138 Resp: 295920

Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.4	11.2
92	104.7	84.0	126.0

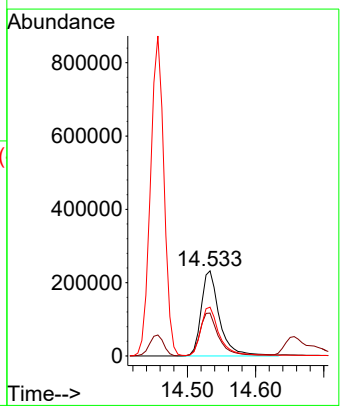


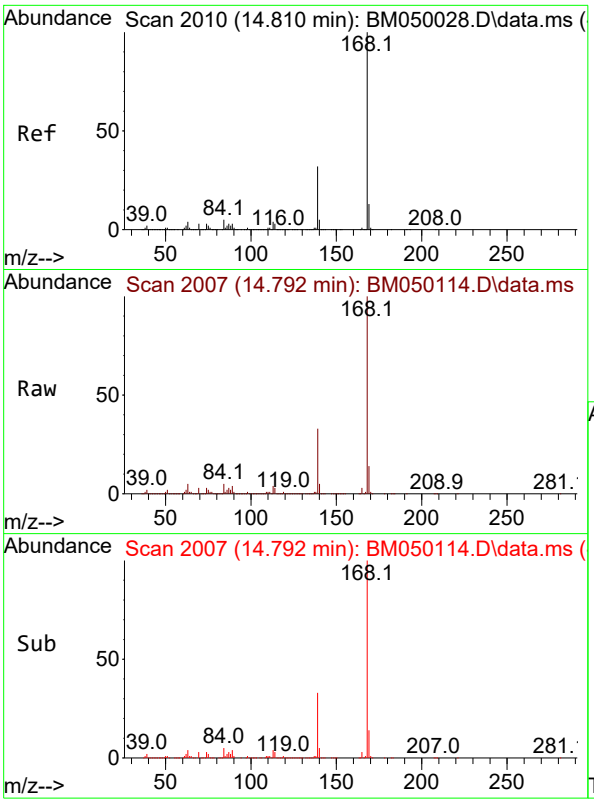


#54
2,4-Dinitrophenol
Concen: 79.924 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:184 Resp: 432668

Ion	Ratio	Lower	Upper
184	100		
63	50.3	39.8	59.6
154	57.2	46.1	69.1



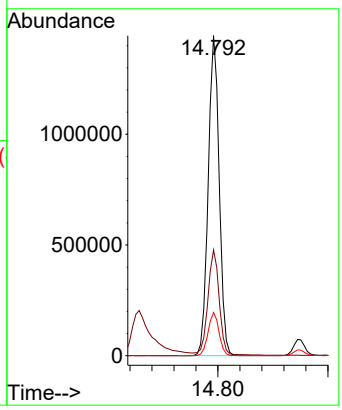


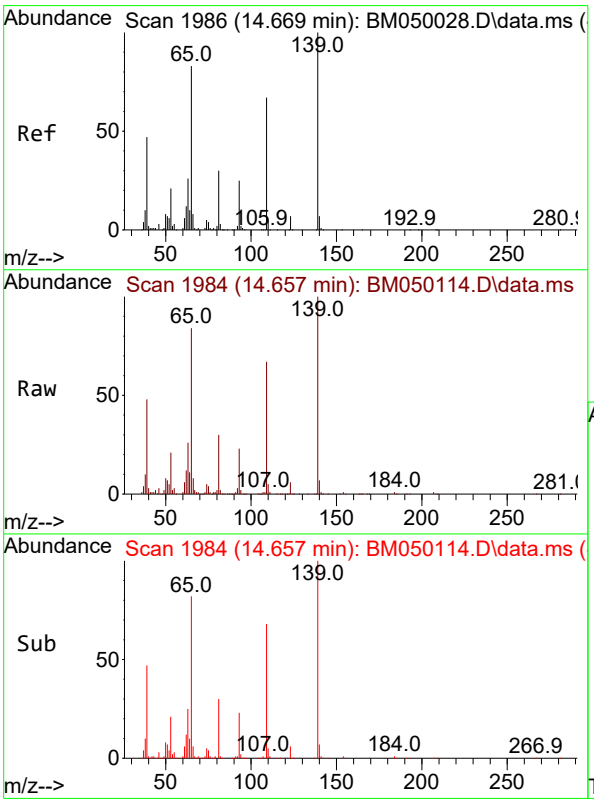
#55
Dibenzofuran
Concen: 40.060 ng
RT: 14.792 min Scan# 2(
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:168 Resp: 2002230

Ion	Ratio	Lower	Upper
168	100		
139	33.1	26.1	39.1
169	13.5	10.8	16.2

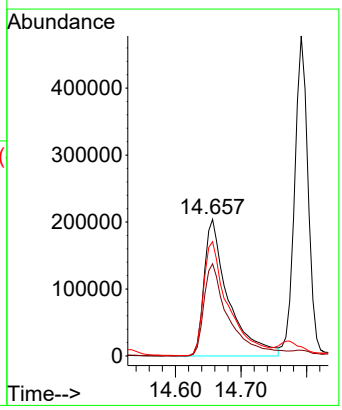


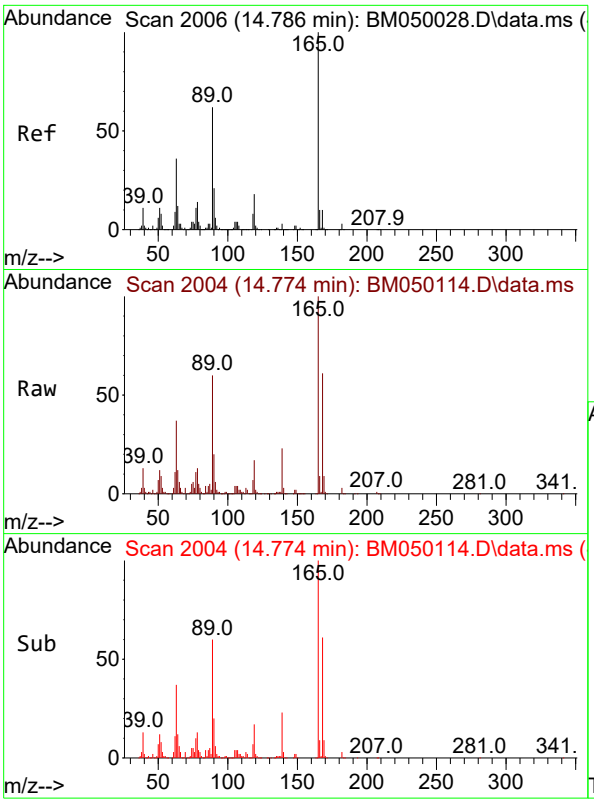


#56
4-Nitrophenol
Concen: 79.602 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:139 Resp: 522878

Ion	Ratio	Lower	Upper
139	100		
109	67.5	47.0	87.0
65	83.6	64.3	104.3



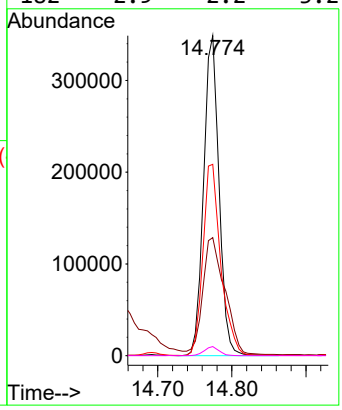


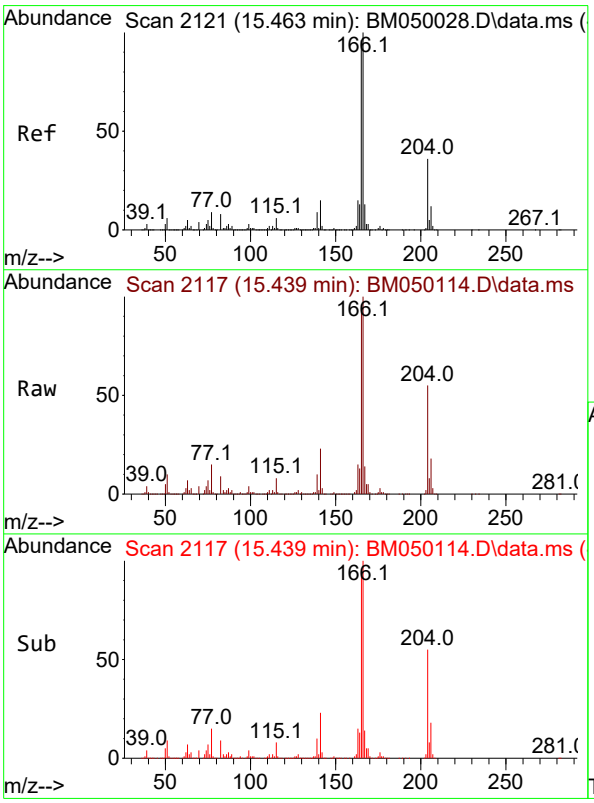
#57
2,4-Dinitrotoluene
Concen: 43.129 ng
RT: 14.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:165 Resp: 504155

Ion	Ratio	Lower	Upper
165	100		
63	36.9	29.0	43.6
89	59.8	49.4	74.2
182	2.9	2.2	3.2

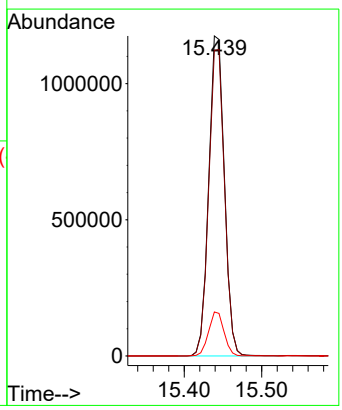


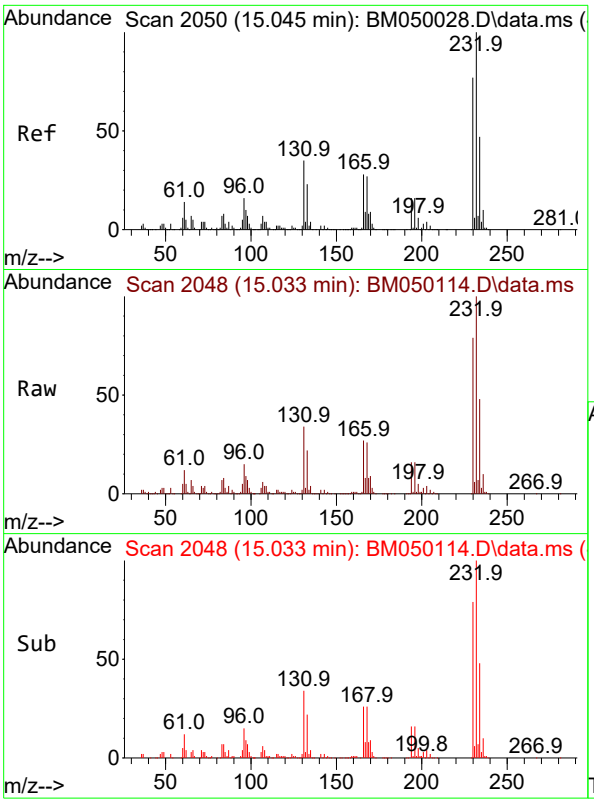


#58
Fluorene
Concen: 40.334 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:166 Resp: 1650055

Ion	Ratio	Lower	Upper
166	100		
165	95.5	76.6	115.0
167	13.8	10.6	16.0



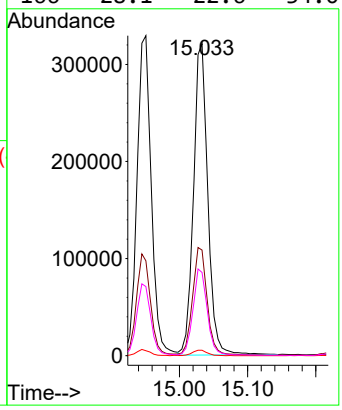


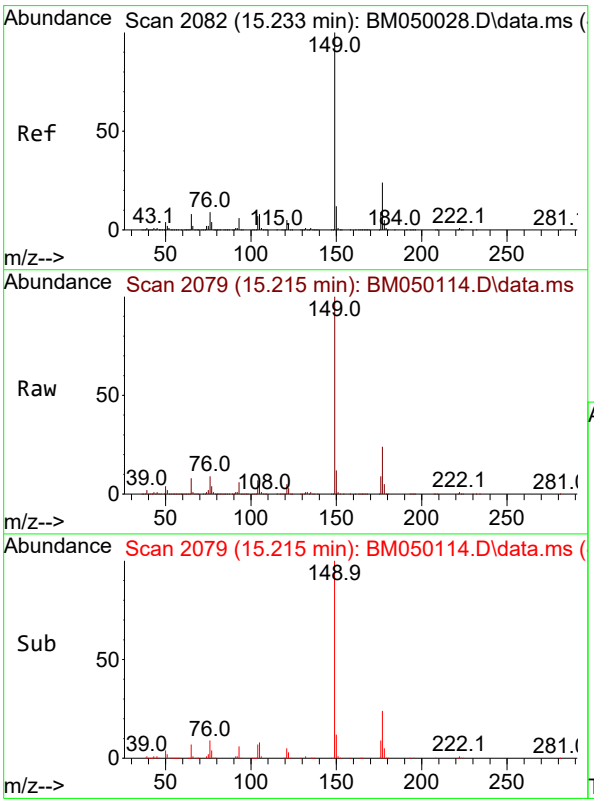
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.700 ng
RT: 15.033 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:232 Resp: 466353

Ion	Ratio	Lower	Upper
232	100		
131	35.5	28.2	42.4
130	1.9	1.5	2.3
166	28.1	22.6	34.0

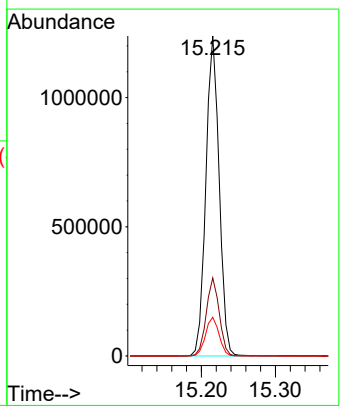


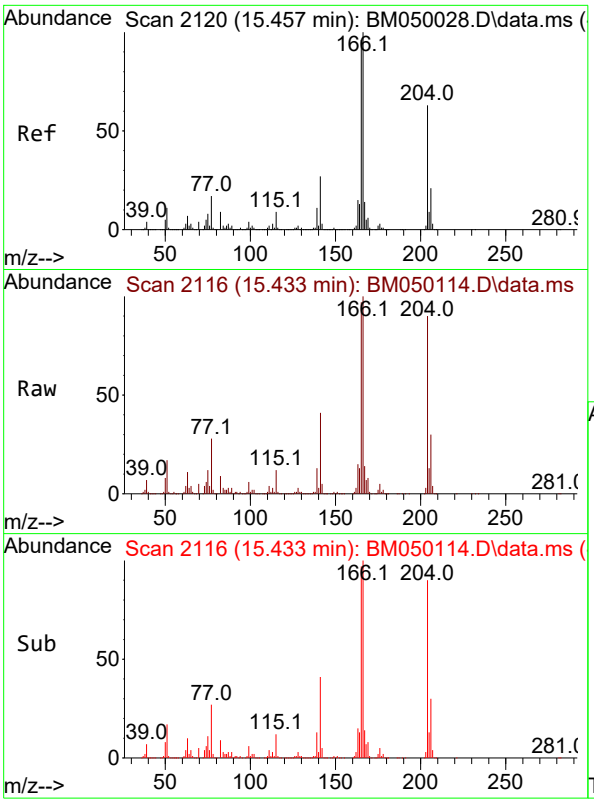


#60
Diethylphthalate
Concen: 40.017 ng
RT: 15.215 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:149 Resp: 1540645

Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.1	28.7
150	12.1	9.6	14.4



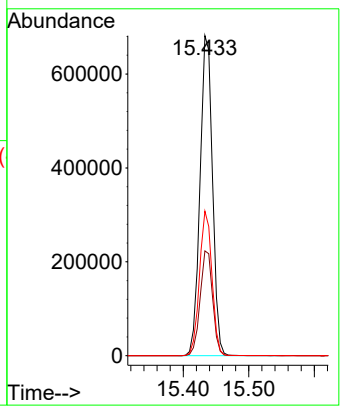


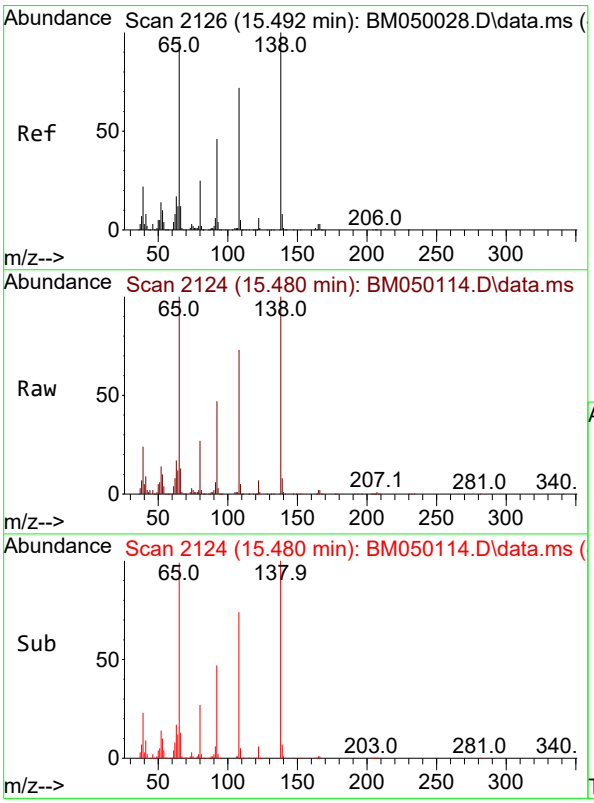
#61
4-Chlorophenyl-phenylether
Concen: 40.261 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:204 Resp: 904684

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	45.1	34.0	51.0

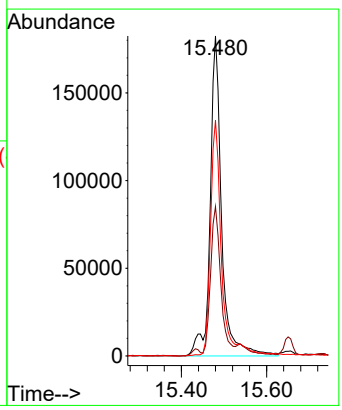


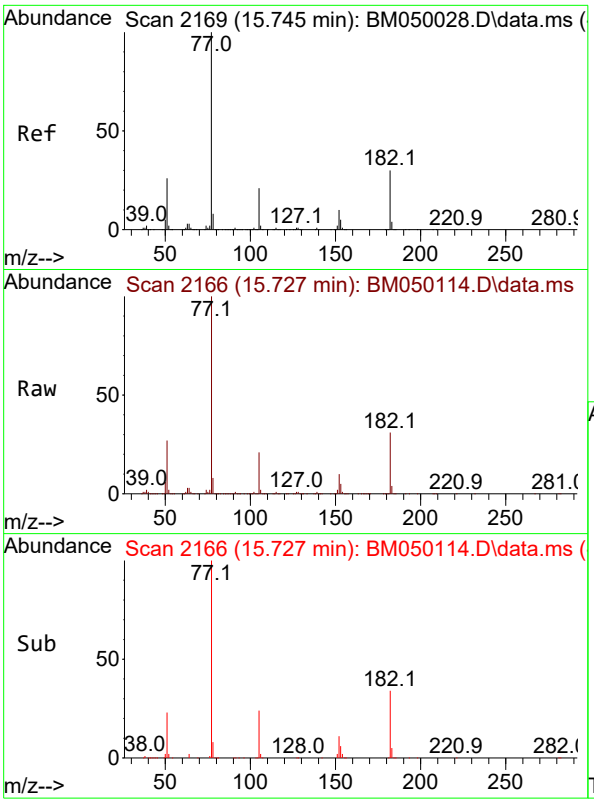


#62
4-Nitroaniline
Concen: 43.814 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:138 Resp: 341411

Ion	Ratio	Lower	Upper
138	100		
92	46.7	25.9	65.9
108	73.6	52.4	92.4



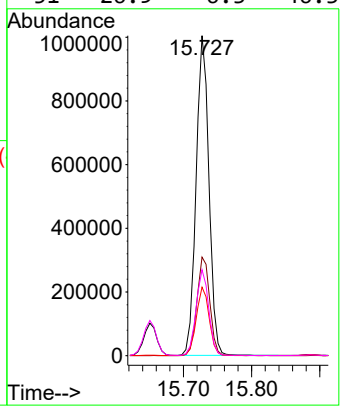


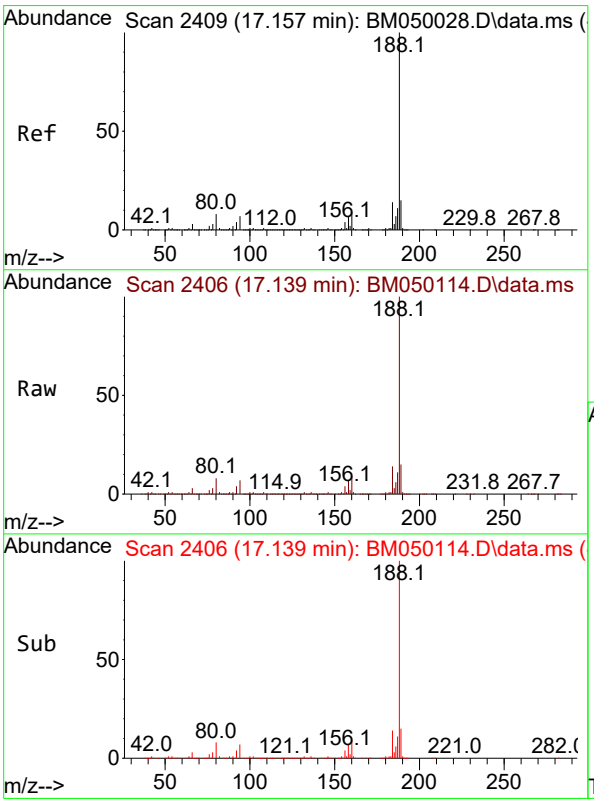
#63
Azobenzene
Concen: 40.653 ng
RT: 15.727 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion: 77 Resp: 1311714

Ion	Ratio	Lower	Upper
77	100		
182	30.8	10.5	50.5
105	21.4	1.1	41.1
51	26.9	6.3	46.3

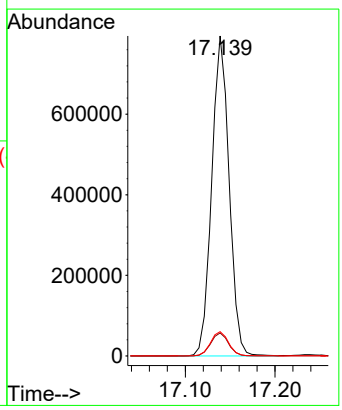


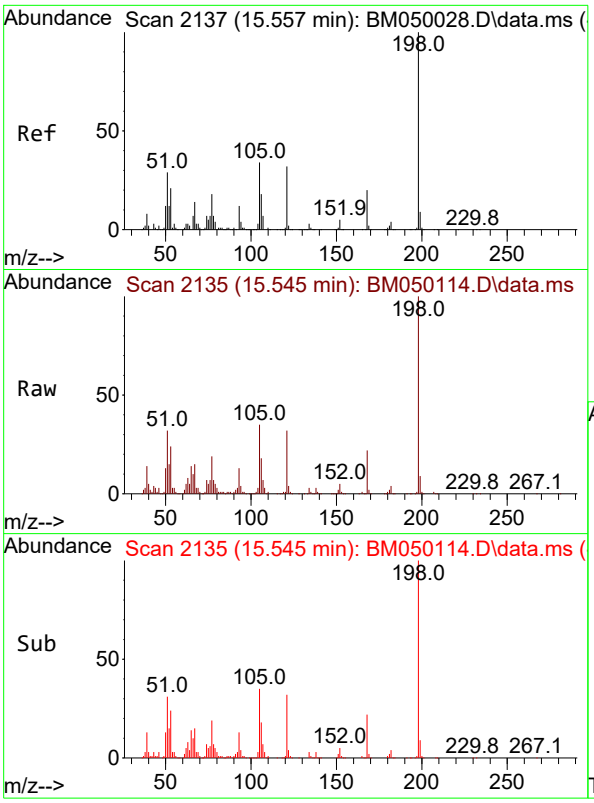


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:188 Resp: 1068022

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.6	6.2	9.4



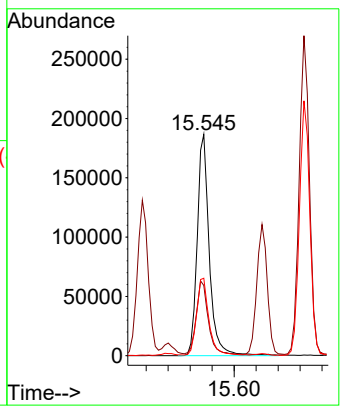


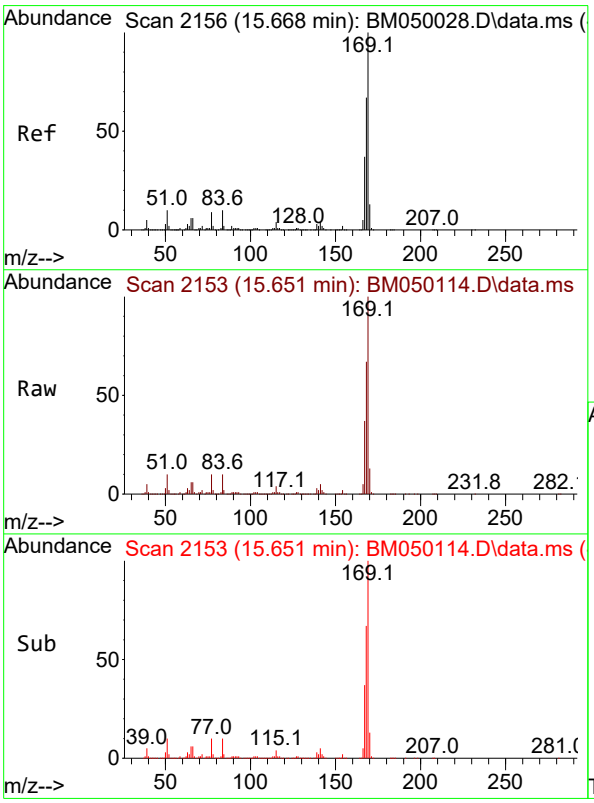
#65
4,6-Dinitro-2-methylphenol
Concen: 42.559 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:198 Resp: 284522

Ion	Ratio	Lower	Upper
198	100		
51	31.8	10.4	50.4
105	35.0	14.6	54.6

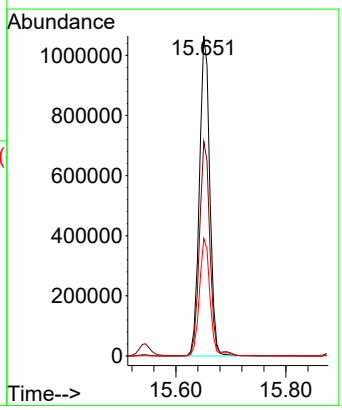


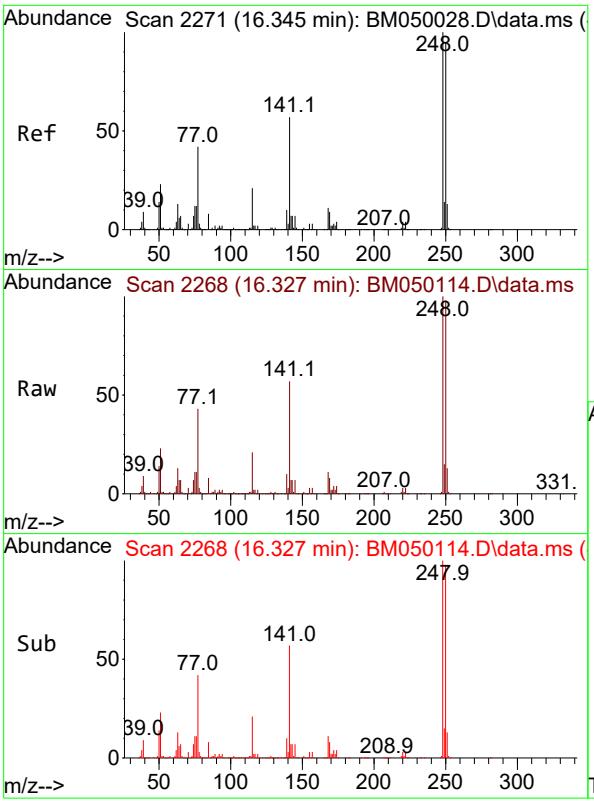


#66
n-Nitrosodiphenylamine
Concen: 42.380 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:169 Resp: 1389906

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.4	80.2
167	36.7	29.4	44.0



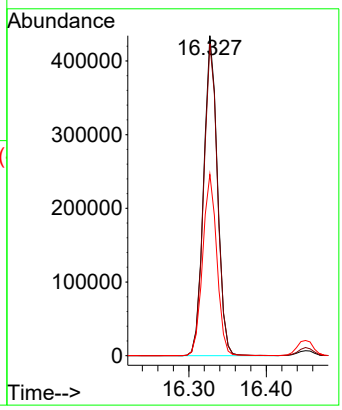


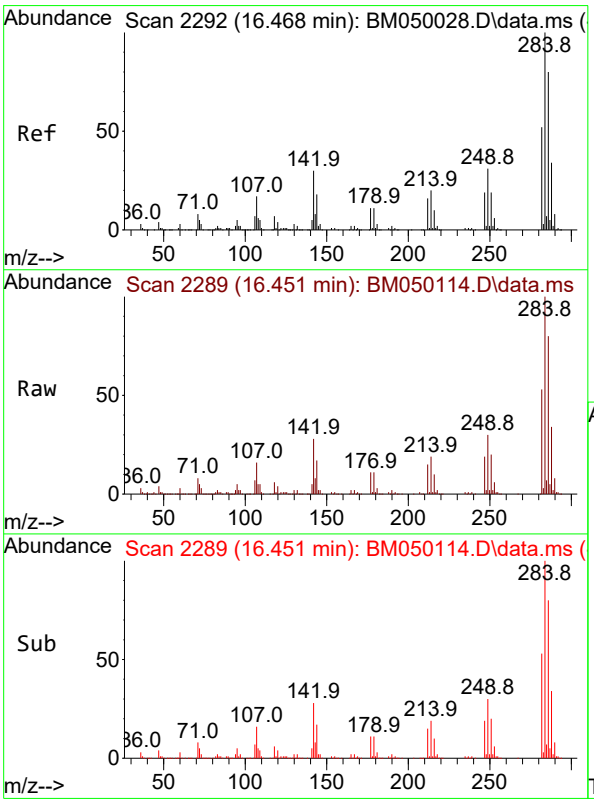
#67
4-Bromophenyl-phenylether
Concen: 41.533 ng
RT: 16.327 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:248 Resp: 536414

Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.2	114.2
141	56.7	45.9	68.9

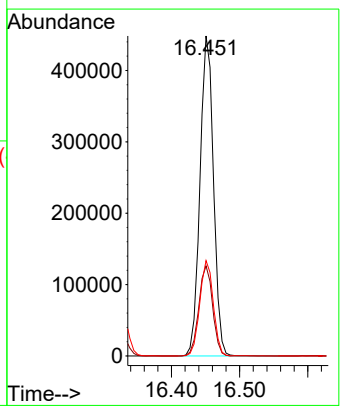


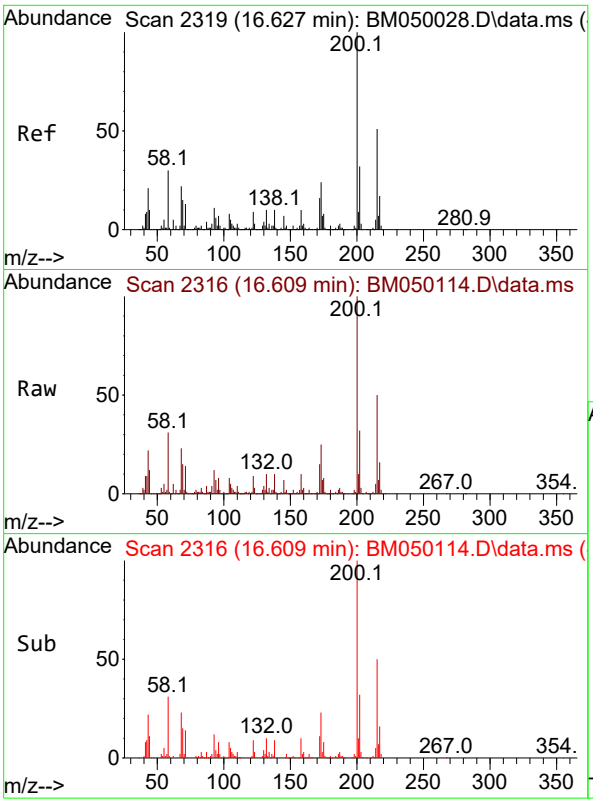


#68
Hexachlorobenzene
Concen: 41.477 ng
RT: 16.451 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:284 Resp: 617494

Ion	Ratio	Lower	Upper
284	100		
142	28.1	23.9	35.9
249	29.8	24.5	36.7



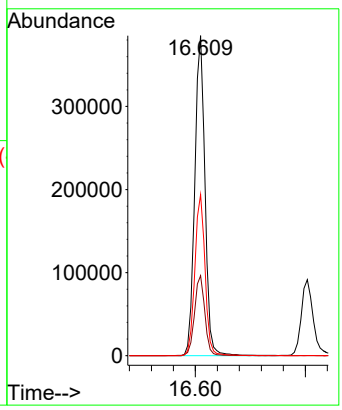


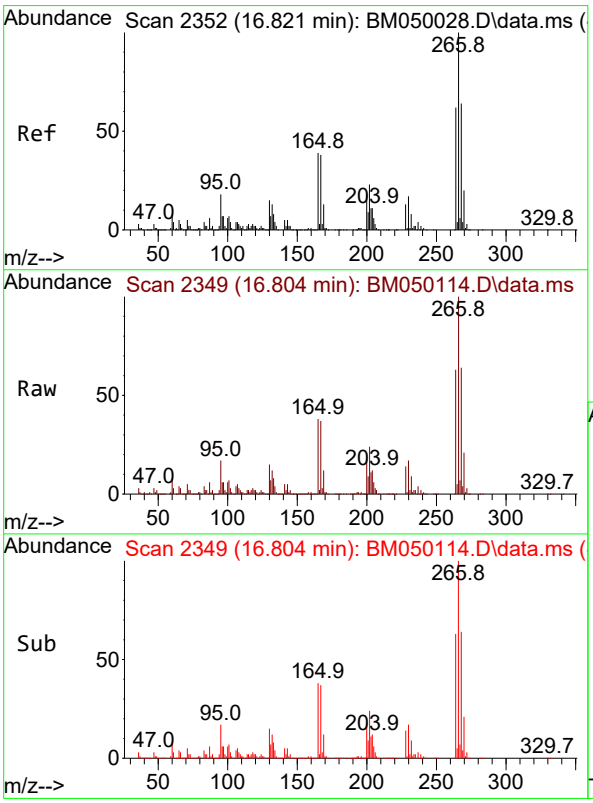
#69
Atrazine
Concen: 42.052 ng
RT: 16.609 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:200 Resp: 497468

Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.3	44.3
215	50.4	30.6	70.6

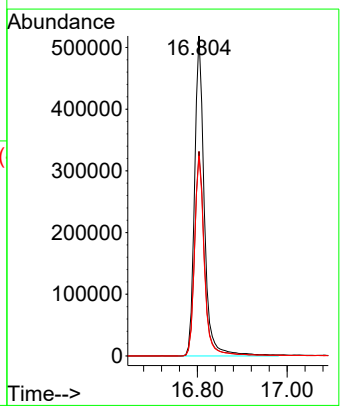


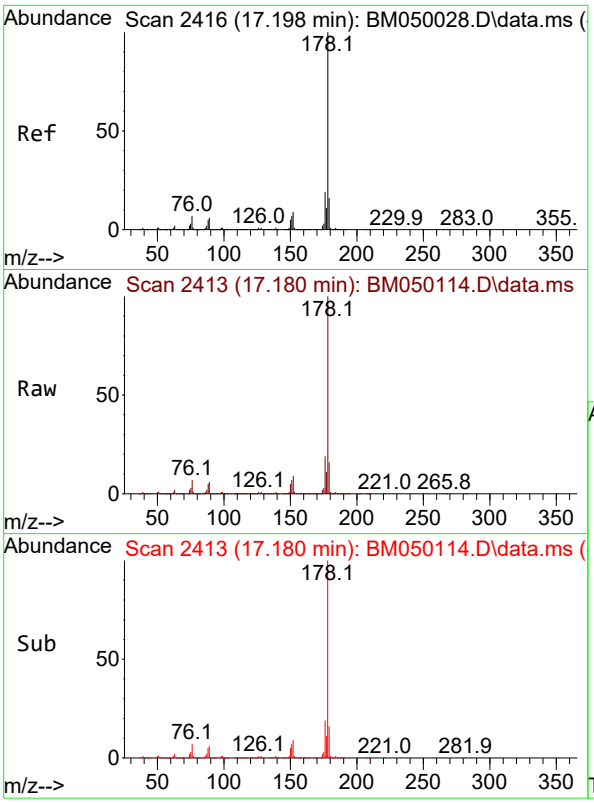


#70
Pentachlorophenol
Concen: 93.075 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.017 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:266 Resp: 779975

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.2	76.8
264	62.6	49.6	74.4



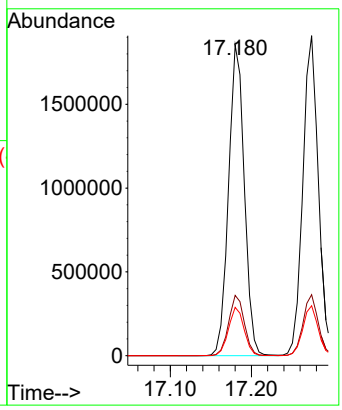


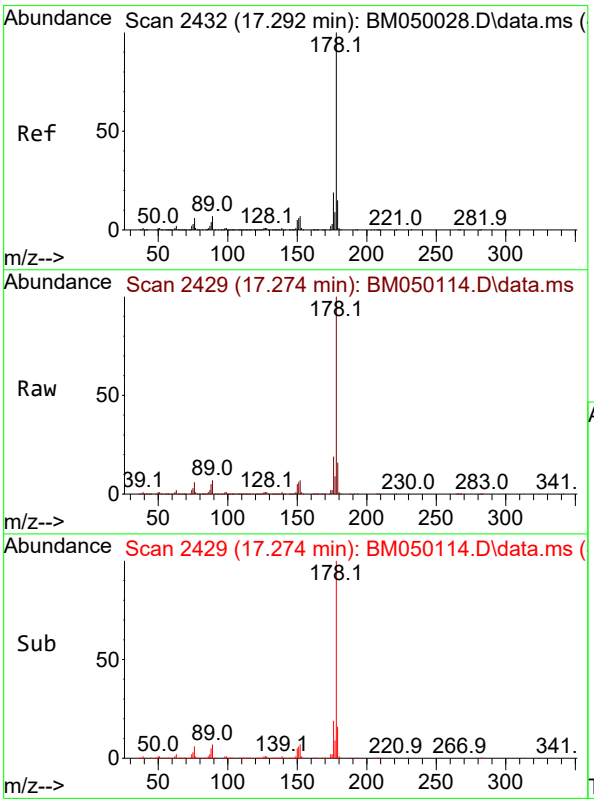
#71
Phenanthrene
Concen: 41.533 ng
RT: 17.180 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:178 Resp: 2501885

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.6	12.4	18.6

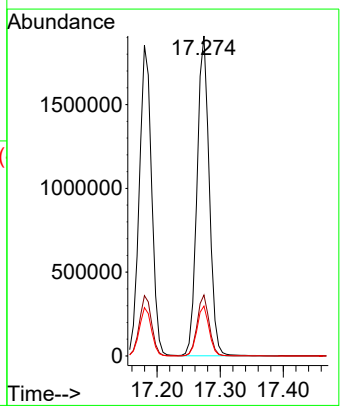


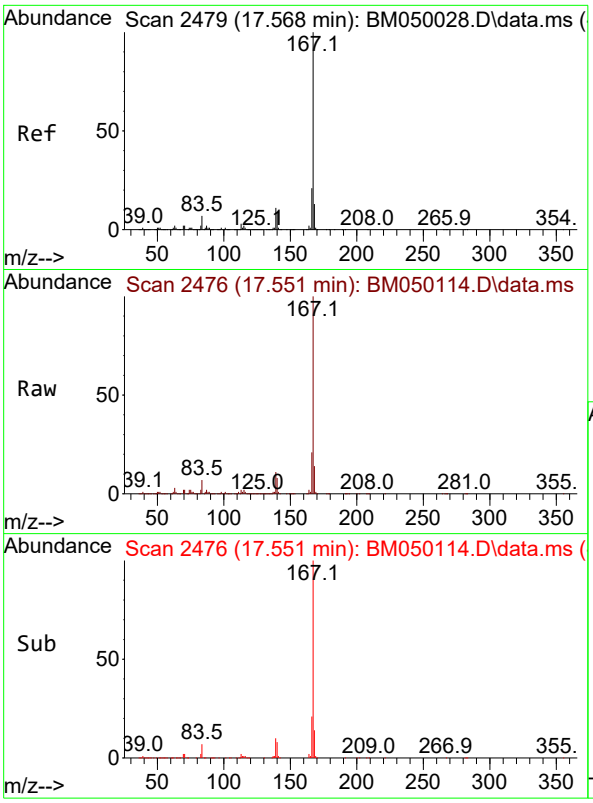


#72
Anthracene
Concen: 41.849 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:178 Resp: 2551141

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.6	12.2	18.4



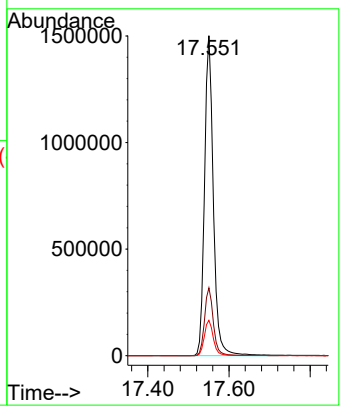


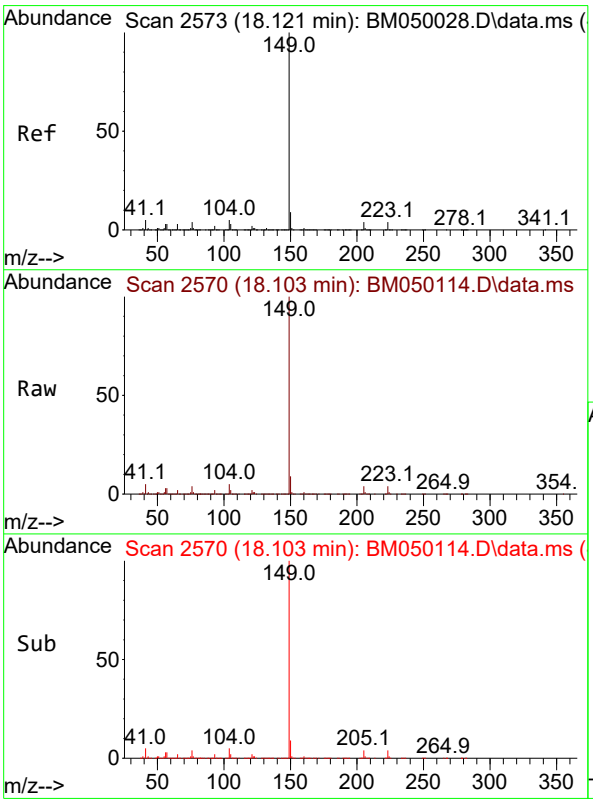
#73
Carbazole
Concen: 42.641 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:167 Resp: 2255638

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.0	9.0	13.6

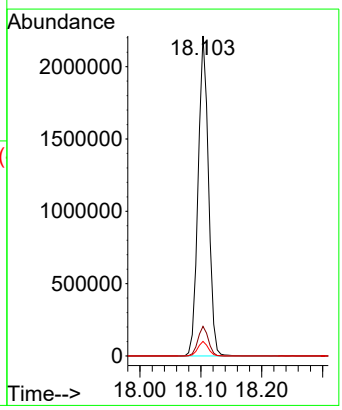


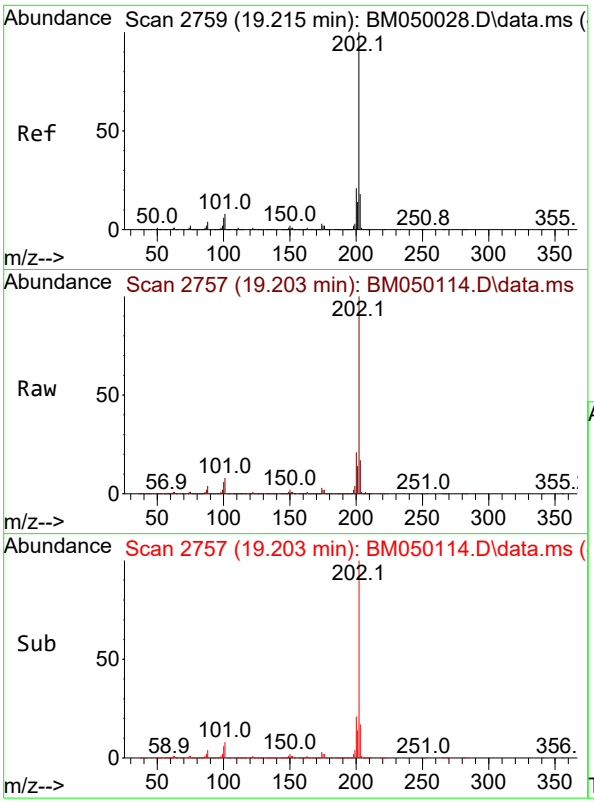


#74
Di-n-butylphthalate
Concen: 41.553 ng
RT: 18.103 min Scan# 2570
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:149 Resp: 2617615

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.6	3.8	5.6



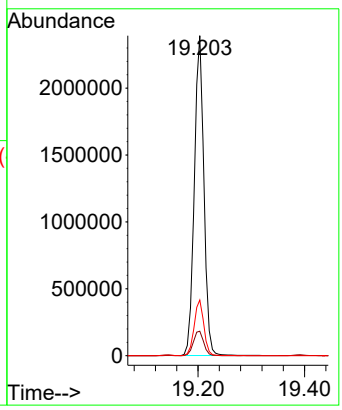


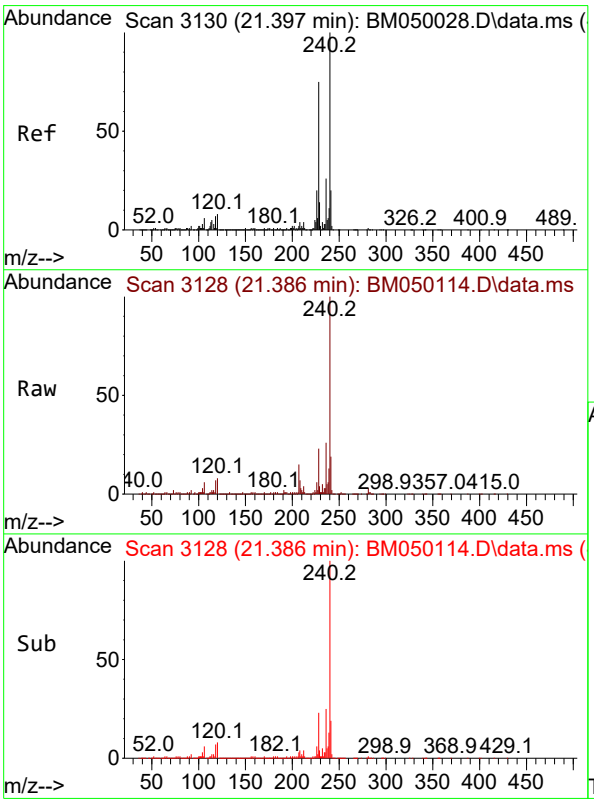
#75
Fluoranthene
Concen: 42.287 ng
RT: 19.203 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:202 Resp: 2990675

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.0
203	17.4	0.0	37.7

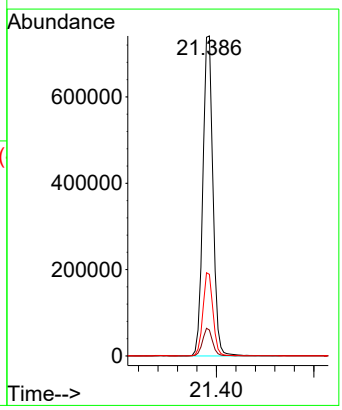


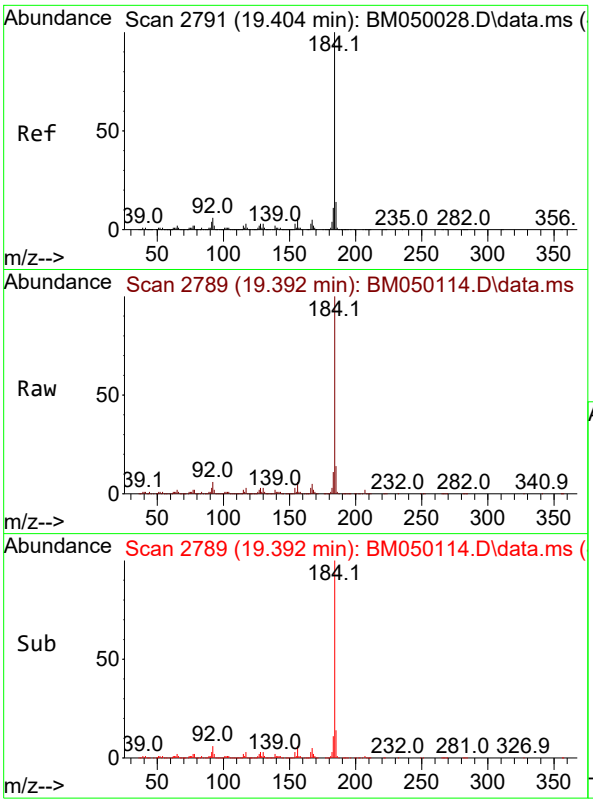


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:240 Resp: 1067615

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	25.5	20.9	31.3



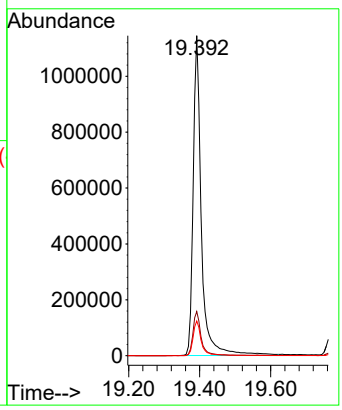


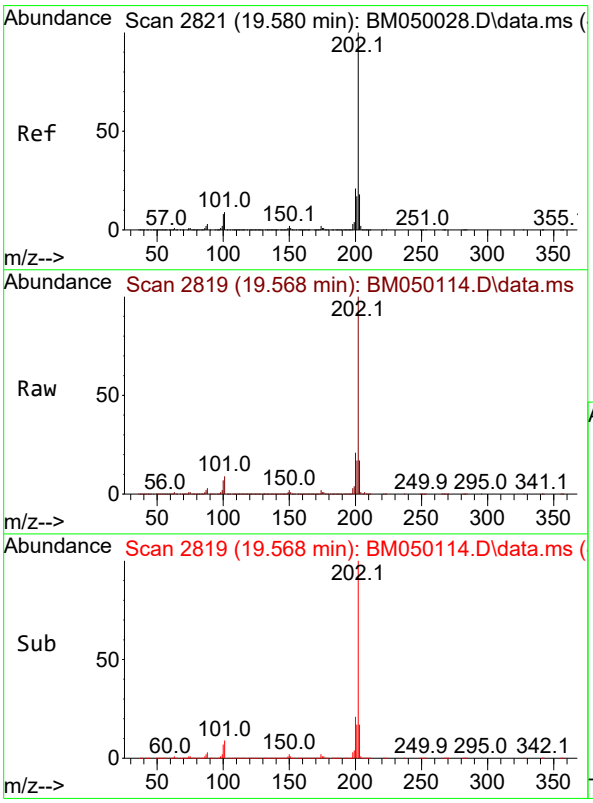
#77
Benzidine
Concen: 48.606 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:184 Resp: 1843260

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	10.8	8.9	13.3

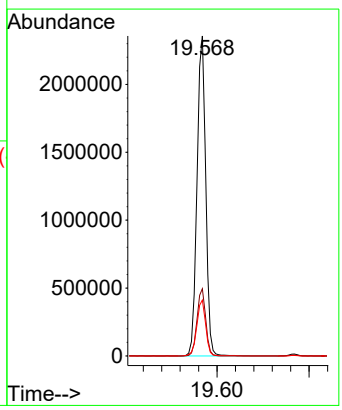


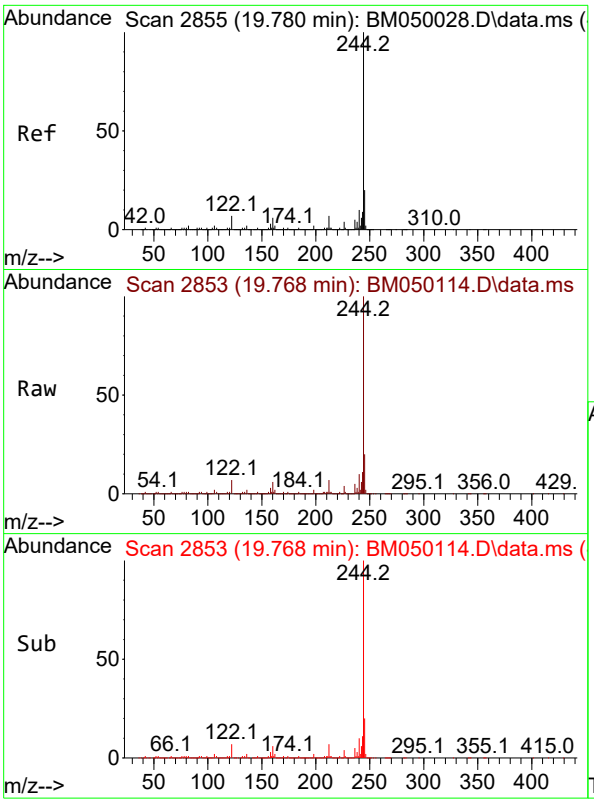


#78
Pyrene
Concen: 41.180 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:202 Resp: 3087294

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.4	14.1	21.1



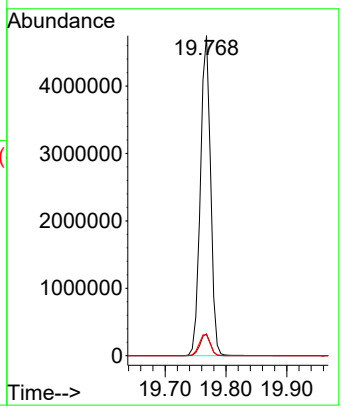


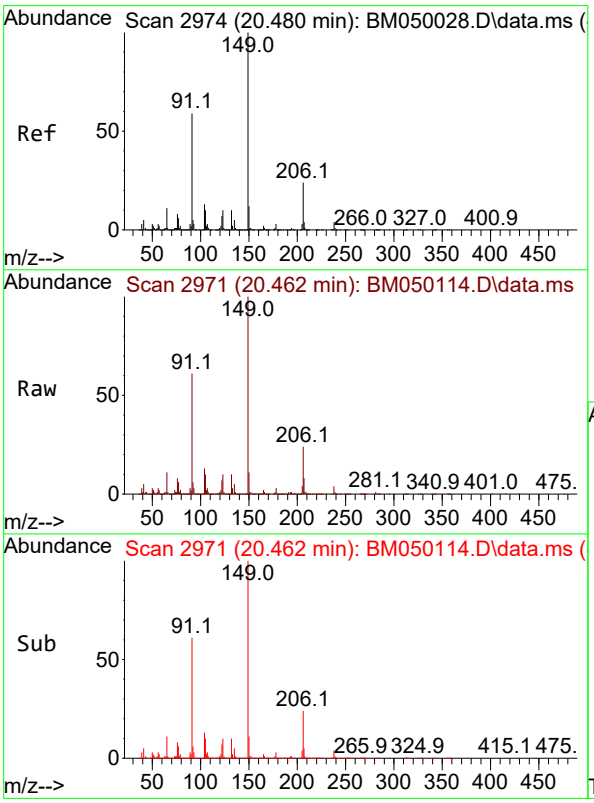
#79
Terphenyl-d14
Concen: 76.361 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:244 Resp: 5509327

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	6.5	5.6	8.4

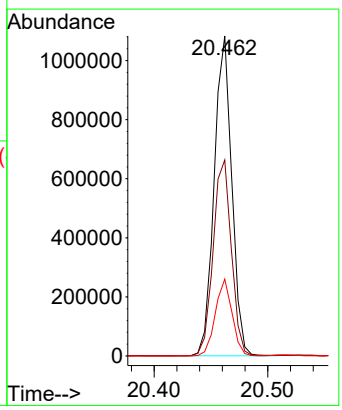


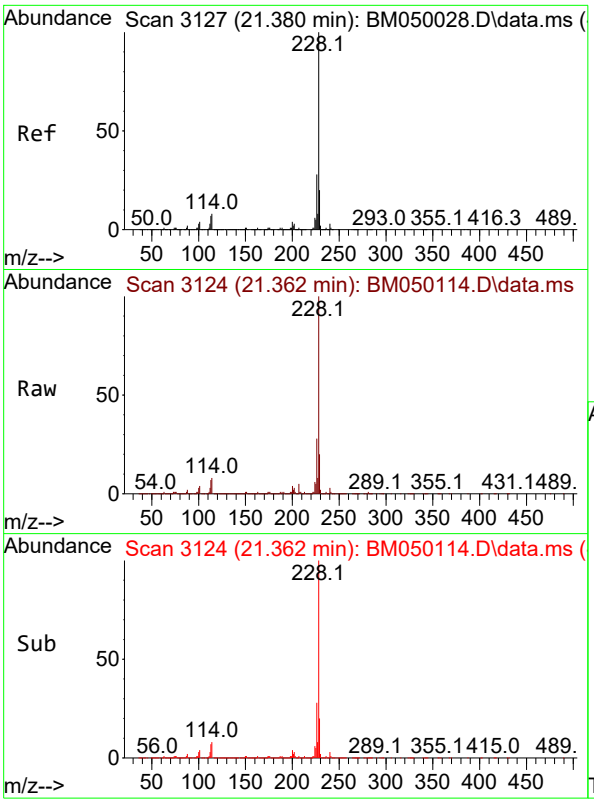


#80
Butylbenzylphthalate
Concen: 41.552 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:149 Resp: 1166761

Ion	Ratio	Lower	Upper
149	100		
91	61.2	47.4	71.2
206	24.0	19.4	29.0



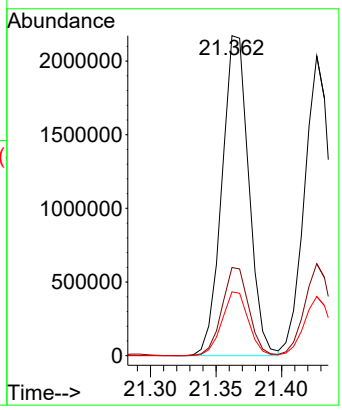


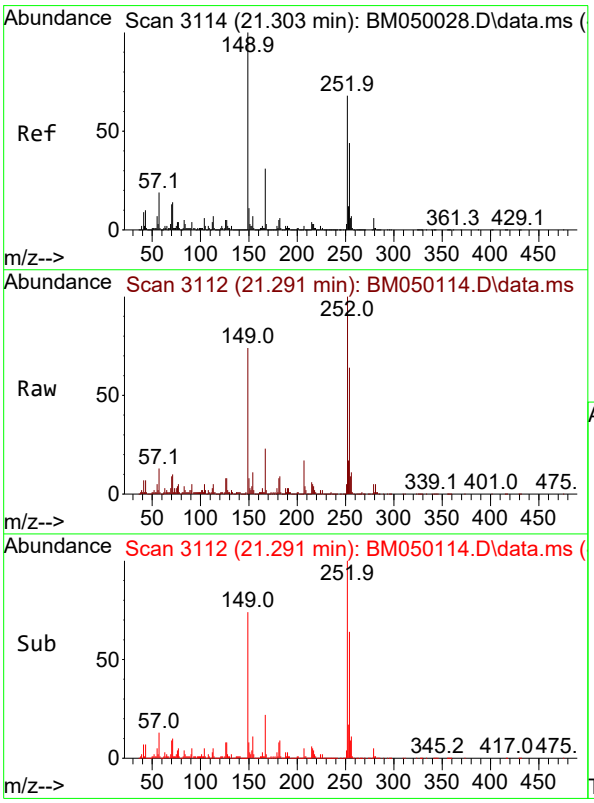
#81
Benzo(a)anthracene
Concen: 42.124 ng
RT: 21.362 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:228 Resp: 3096912

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	20.0	15.7	23.5

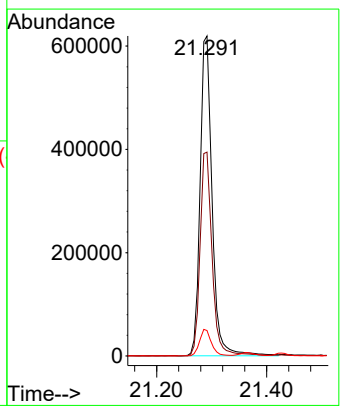


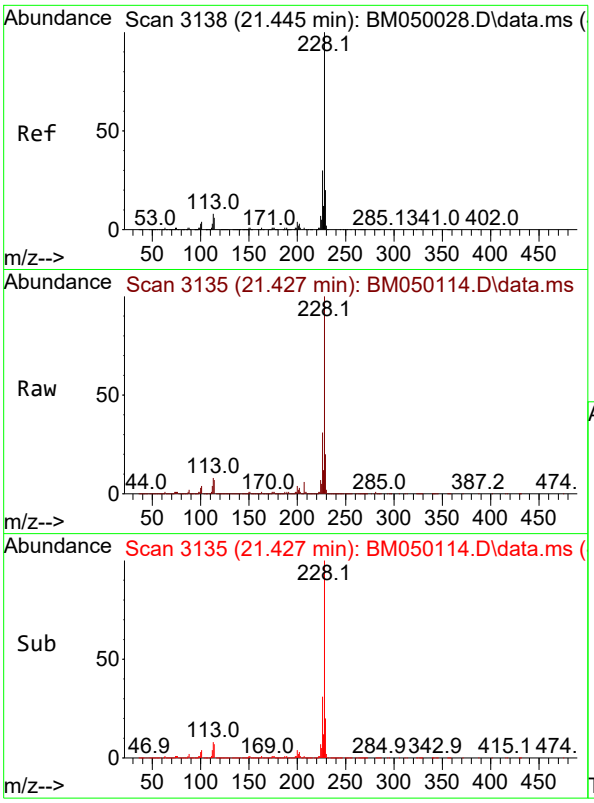


#82
3,3'-Dichlorobenzidine
Concen: 33.400 ng
RT: 21.291 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:252 Resp: 939990

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.8	77.6
126	8.0	6.0	9.0



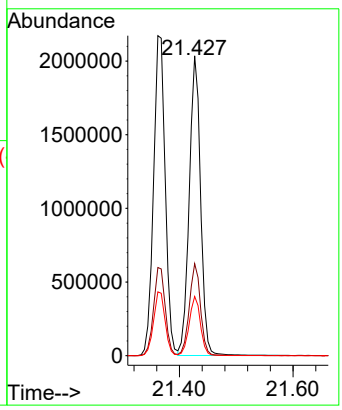


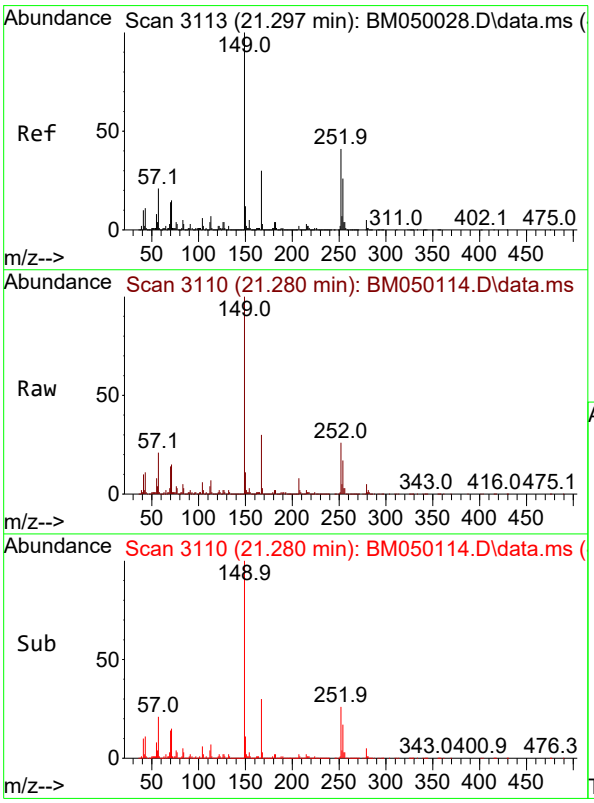
#83
Chrysene
Concen: 41.500 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:228 Resp: 2823801

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.7	15.7	23.5

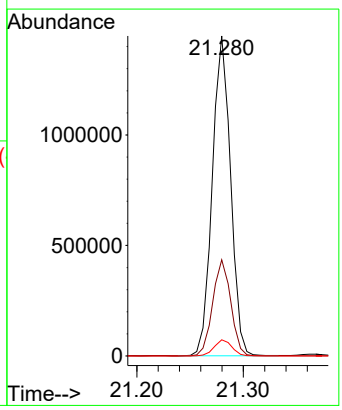


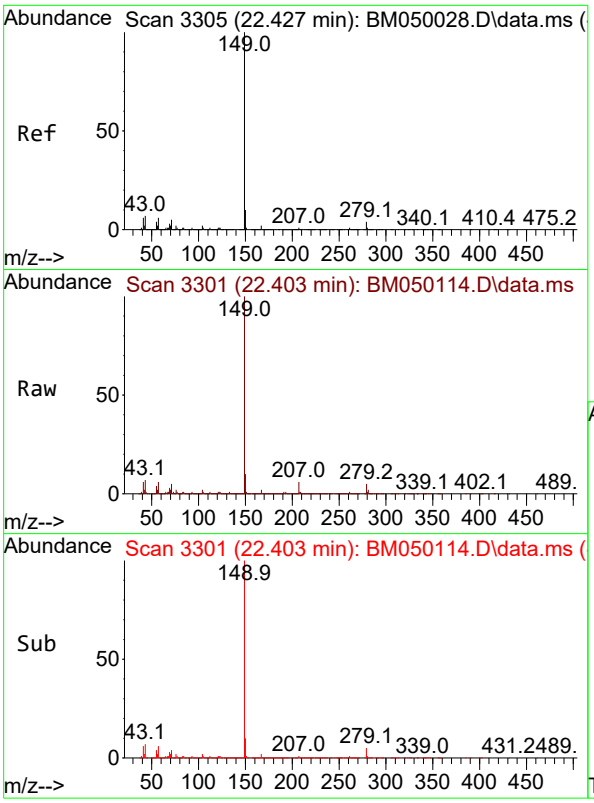


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.006 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:149 Resp: 1719849

Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.1	36.1
279	5.1	3.9	5.9



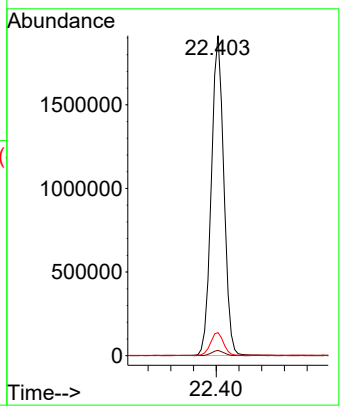


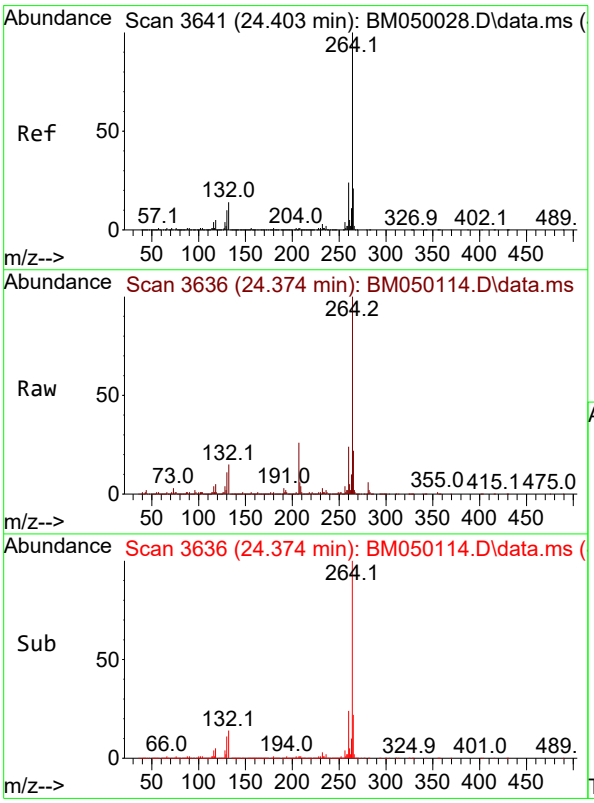
#85
Di-n-octyl phthalate
Concen: 42.000 ng
RT: 22.403 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:149 Resp: 2905066

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	5.8	8.8

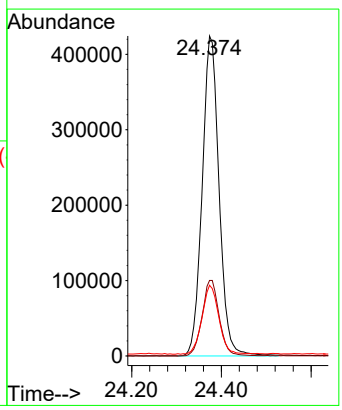


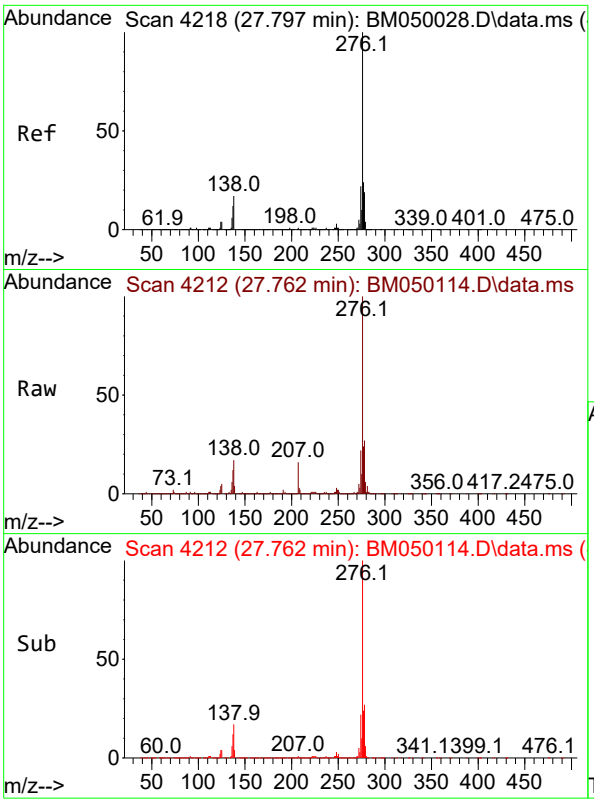


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.030 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:264 Resp: 1110219

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.1	17.0	25.4



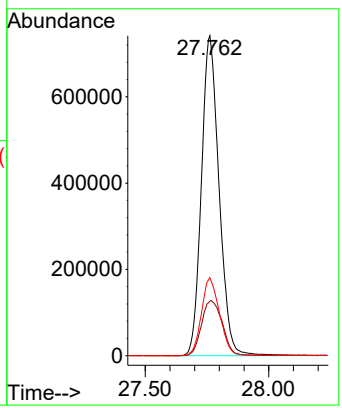


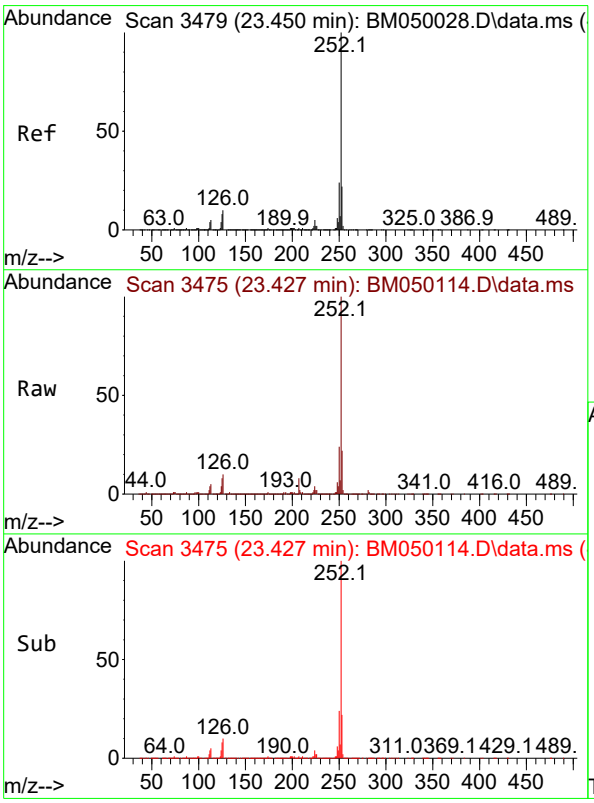
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.382 ng
RT: 27.762 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:276 Resp: 3671518

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.4	24.6
277	24.9	19.8	29.8

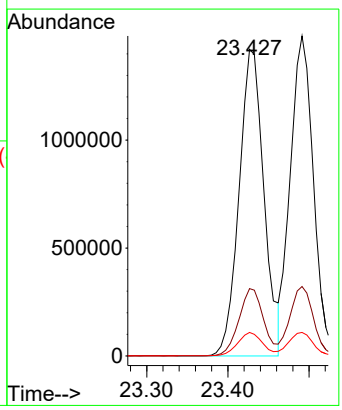


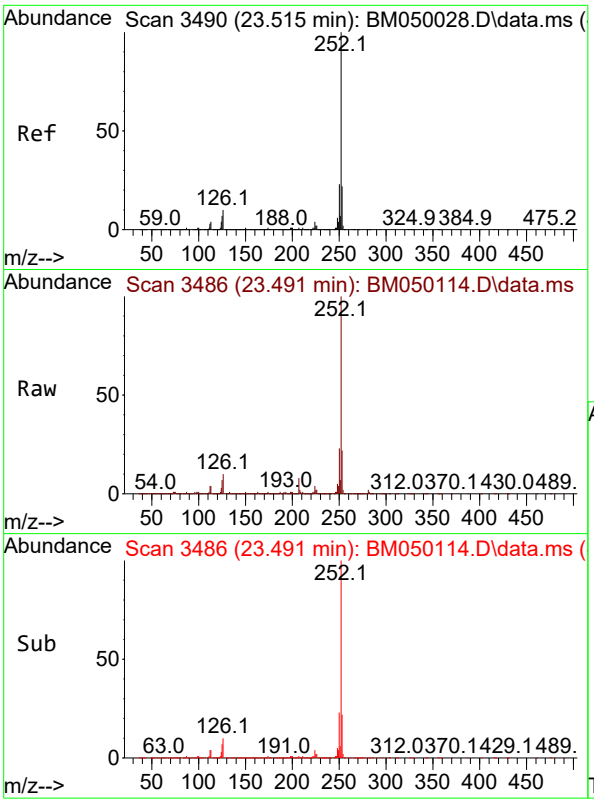


#88
Benzo(b)fluoranthene
Concen: 41.944 ng
RT: 23.427 min Scan# 3475
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:252 Resp: 3028371

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	7.7	6.1	9.1



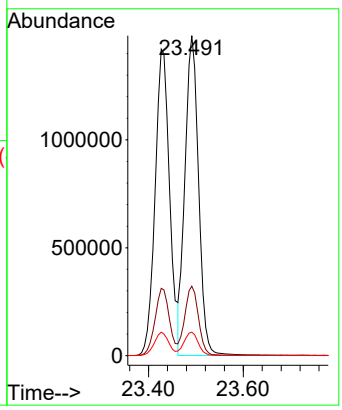


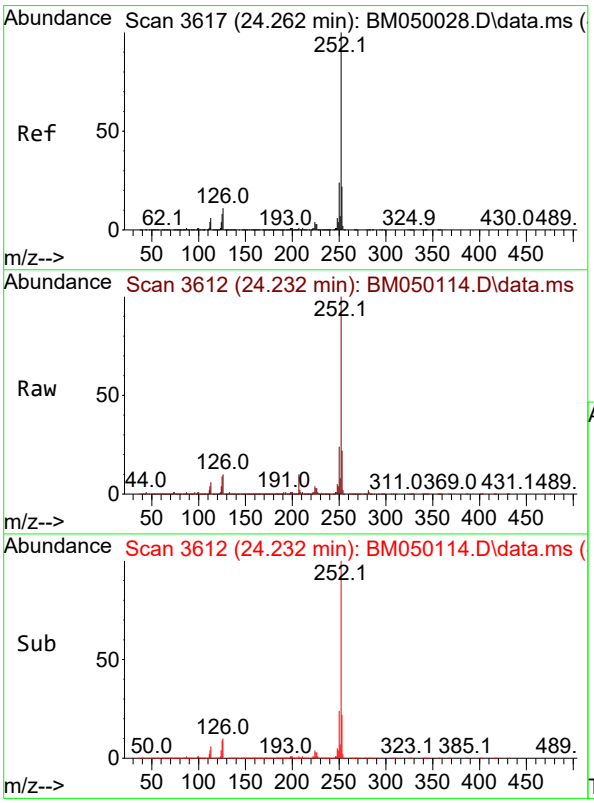
#89
Benzo(k)fluoranthene
Concen: 40.383 ng
RT: 23.491 min Scan# 34
Delta R.T. -0.024 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:252 Resp: 2949343

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	7.4	5.8	8.8

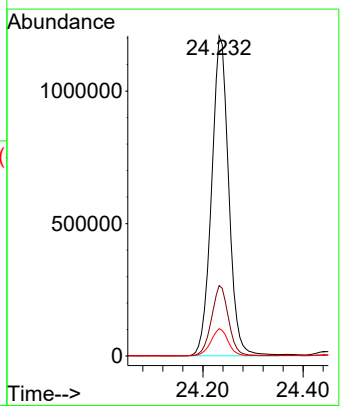


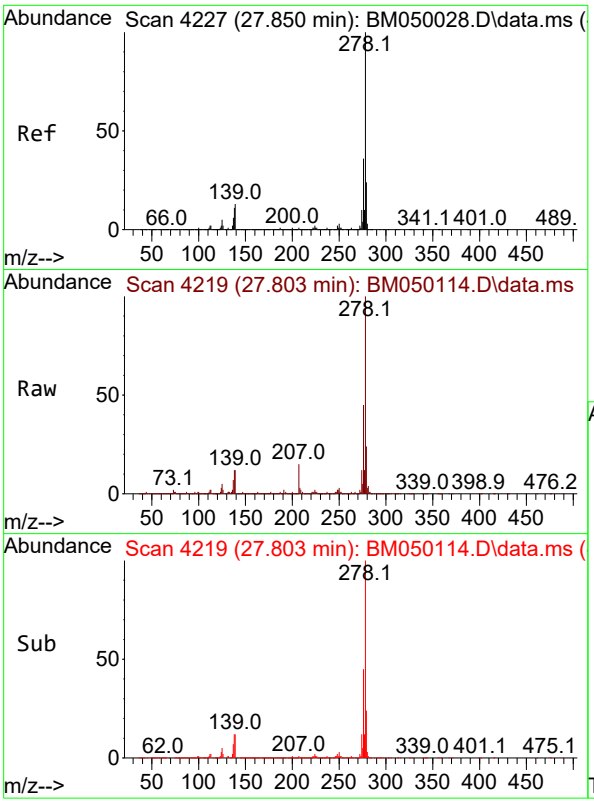


#90
Benzo(a)pyrene
Concen: 42.243 ng
RT: 24.232 min Scan# 3612
Delta R.T. -0.030 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:252 Resp: 2856618

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	8.6	6.6	9.8



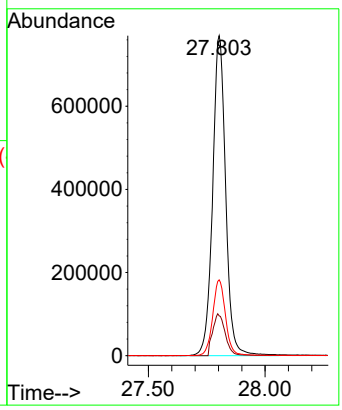


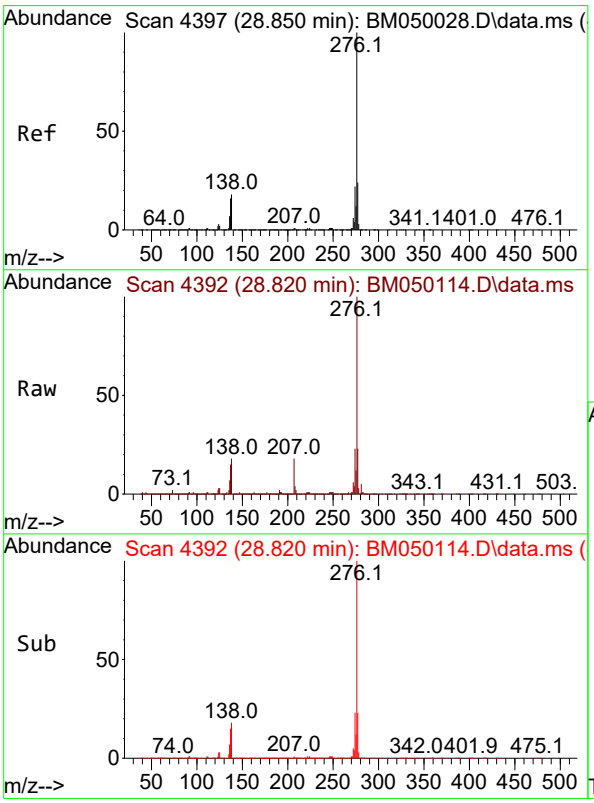
#91
Dibenzo(a,h)anthracene
Concen: 44.383 ng
RT: 27.803 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167857BS

Tgt Ion:278 Resp: 2992922

Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.5	15.7
279	23.7	19.4	29.0

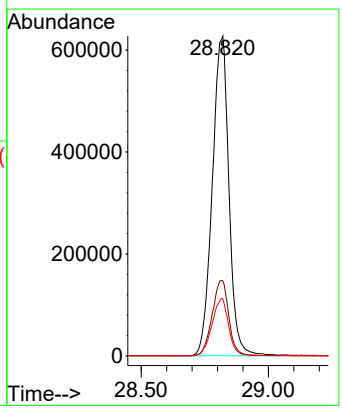




#92
Benzo(g,h,i)perylene
Concen: 44.117 ng
RT: 28.820 min Scan# 4392
Delta R.T. -0.030 min
Lab File: BM050114.D
Acq: 06 May 2025 11:21

Tgt Ion:276 Resp: 2848159

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	17.9	14.3	21.5



Raw Data: **BM050101.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-CMS	SDG No.:	Q1937
Lab Sample ID:	Q1937-05MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.9
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
BM050101.D	1	05/05/25 09:35	05/05/25 16:21	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	850		160	350	ug/Kg
108-95-2	Phenol	1600		23.3	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		25.6	180	ug/Kg
95-57-8	2-Chlorophenol	1500		25.7	180	ug/Kg
95-48-7	2-Methylphenol	1600		31.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		39.5	180	ug/Kg
98-86-2	Acetophenone	1500		31.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	1500		43.3	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		49.9	84.2	ug/Kg
67-72-1	Hexachloroethane	1400		18.5	180	ug/Kg
98-95-3	Nitrobenzene	1500		19.3	180	ug/Kg
78-59-1	Isophorone	1400		34.5	180	ug/Kg
88-75-5	2-Nitrophenol	1600		61.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		68.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		32.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		29.8	180	ug/Kg
91-20-3	Naphthalene	1500		23.9	180	ug/Kg
106-47-8	4-Chloroaniline	610		37.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	1500		26.6	180	ug/Kg
105-60-2	Caprolactam	1500		54.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		30.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	1500		27.0	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		20.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		30.6	180	ug/Kg
92-52-4	1,1-Biphenyl	1500		23.0	180	ug/Kg
91-58-7	2-Chloronaphthalene	1500		23.7	180	ug/Kg
88-74-4	2-Nitroaniline	1600		50.7	180	ug/Kg
131-11-3	Dimethylphthalate	1500		28.5	180	ug/Kg

Raw Data: **BM050101.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-CMS	SDG No.:	Q1937
Lab Sample ID:	Q1937-05MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.9
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
BM050101.D	1	05/05/25 09:35	05/05/25 16:21	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		30.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		35.4	180	ug/Kg
99-09-2	3-Nitroaniline	890		48.4	180	ug/Kg
83-32-9	Acenaphthene	1500		22.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	240	350	ug/Kg
100-02-7	4-Nitrophenol	3100	E	110	350	ug/Kg
132-64-9	Dibenzofuran	1500		23.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		52.8	180	ug/Kg
84-66-2	Diethylphthalate	1500		29.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		28.1	180	ug/Kg
86-73-7	Fluorene	1500		26.6	180	ug/Kg
100-01-6	4-Nitroaniline	1500		67.6	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		34.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		29.3	180	ug/Kg
118-74-1	Hexachlorobenzene	1500		26.6	180	ug/Kg
1912-24-9	Atrazine	1600		35.8	180	ug/Kg
87-86-5	Pentachlorophenol	3600	E	54.0	350	ug/Kg
85-01-8	Phenanthrene	1500		22.0	180	ug/Kg
120-12-7	Anthracene	1500		35.1	180	ug/Kg
86-74-8	Carbazole	1600		32.9	180	ug/Kg
84-74-2	Di-n-butylphthalate	1500		50.4	180	ug/Kg
206-44-0	Fluoranthene	1600		31.6	180	ug/Kg
129-00-0	Pyrene	1600		37.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	1600		75.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	920		38.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	1600		24.2	180	ug/Kg
218-01-9	Chrysene	1500		21.0	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		62.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		91.4	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		20.0	180	ug/Kg

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-CMS	SDG No.:	Q1937
Lab Sample ID:	Q1937-05MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.9
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
BM050101.D	1	05/05/25 09:35	05/05/25 16:21	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		23.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	1600		31.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		30.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		28.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		27.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		27.0	180	ug/Kg
123-91-1	1,4-Dioxane	1300		47.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		28.9	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	75.2		30 (18) - 130 (112)	50%	SPK: 150
13127-88-3	Phenol-d6	75.9		30 (15) - 130 (107)	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	43.5		30 (18) - 130 (107)	43%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.0		30 (20) - 130 (109)	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	75.0		30 (10) - 130 (116)	50%	SPK: 150
1718-51-0	Terphenyl-d14	47.2		30 (10) - 130 (105)	47%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	289000	7.745			
1146-65-2	Naphthalene-d8	1030000	10.539			
15067-26-2	Acenaphthene-d10	655000	14.392			
1517-22-2	Phenanthrene-d10	1260000	17.145			
1719-03-5	Chrysene-d12	1210000	21.386			
1520-96-3	Perylene-d12	1200000	24.374			

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\BM050525\
Data File : BM050101.D
Acq On : 05 May 2025 16:21
Operator : RC/JU
Sample : Q1937-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Quant Time: May 05 17:02:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	289071	20.000	ng		-0.02
21) Naphthalene-d8	10.539	136	1033172	20.000	ng		-0.02
39) Acenaphthene-d10	14.392	164	655158	20.000	ng		-0.02
64) Phenanthrene-d10	17.145	188	1260856	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	1205722	20.000	ng		-0.01
86) Perylene-d12	24.374	264	1198695	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	1240627	75.152	ng		-0.01
7) Phenol-d6	6.934	99	1574828	75.900	ng		-0.02
23) Nitrobenzene-d5	8.904	82	911507	43.474	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	726955	75.041	ng		-0.01
45) 2-Fluorobiphenyl	13.010	172	2382973	43.028	ng		-0.02
79) Terphenyl-d14	19.768	244	3842218	47.154	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	253156	35.766	ng		100
3) Pyridine	3.634	79	704148	38.719	ng		99
4) n-Nitrosodimethylamine	3.546	42	286467	40.162	ng		97
6) Aniline	7.075	93	660027	25.192	ng		99
8) 2-Chlorophenol	7.316	128	787758	44.135	ng		98
9) Benzaldehyde	6.892	77	334787	24.111	ng		99
10) Phenol	6.963	94	941217	44.810	ng		98
11) bis(2-Chloroethyl)ether	7.169	93	721407	41.131	ng		99
12) 1,3-Dichlorobenzene	7.634	146	895076	41.514	ng		99
13) 1,4-Dichlorobenzene	7.781	146	901755	41.631	ng		100
14) 1,2-Dichlorobenzene	8.098	146	864880	41.336	ng		99
15) Benzyl Alcohol	7.992	79	630905	43.846	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	862745	40.466	ng		99
17) 2-Methylphenol	8.204	107	612863	44.290	ng		100
18) Hexachloroethane	8.816	117	313308	40.690	ng		97
19) n-Nitroso-di-n-propyla...	8.557	70	532313	40.002	ng		99
20) 3+4-Methylphenols	8.534	107	824981	44.148	ng		96
22) Acetophenone	8.569	105	1074980	41.850	ng	#	99
24) Nitrobenzene	8.945	77	770560	42.504	ng		99
25) Isophorone	9.475	82	1456194	40.744	ng		100
26) 2-Nitrophenol	9.657	139	420971	45.453	ng		99
27) 2,4-Dimethylphenol	9.728	122	687865	44.785	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	920206	41.657	ng		99
29) 2,4-Dichlorophenol	10.210	162	779345	45.292	ng		99
30) 1,2,4-Trichlorobenzene	10.404	180	889692	42.438	ng		99
31) Naphthalene	10.586	128	2194562	41.943	ng		100
32) Benzoic acid	9.910	122	473903	48.243	ng		98
33) 4-Chloroaniline	10.710	127	372713	17.379	ng		98
34) Hexachlorobutadiene	10.875	225	567011	42.609	ng		99
35) Caprolactam	11.510	113	212152	42.286	ng		96
36) 4-Chloro-3-methylphenol	11.851	107	684151	43.036	ng		99
37) 2-Methylnaphthalene	12.204	142	1461550	41.664	ng		99
38) 1-Methylnaphthalene	12.427	142	1525009	41.079	ng		99
40) 1,2,4,5-Tetrachloroben...	12.580	216	1014802	44.745	ng		99
41) Hexachlorocyclopentadiene	12.557	237	1170193	84.429	ng		99
43) 2,4,6-Trichlorophenol	12.827	196	668780	46.492	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050101.D
Acq On : 05 May 2025 16:21
Operator : RC/JU
Sample : Q1937-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Quant Time: May 05 17:02:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

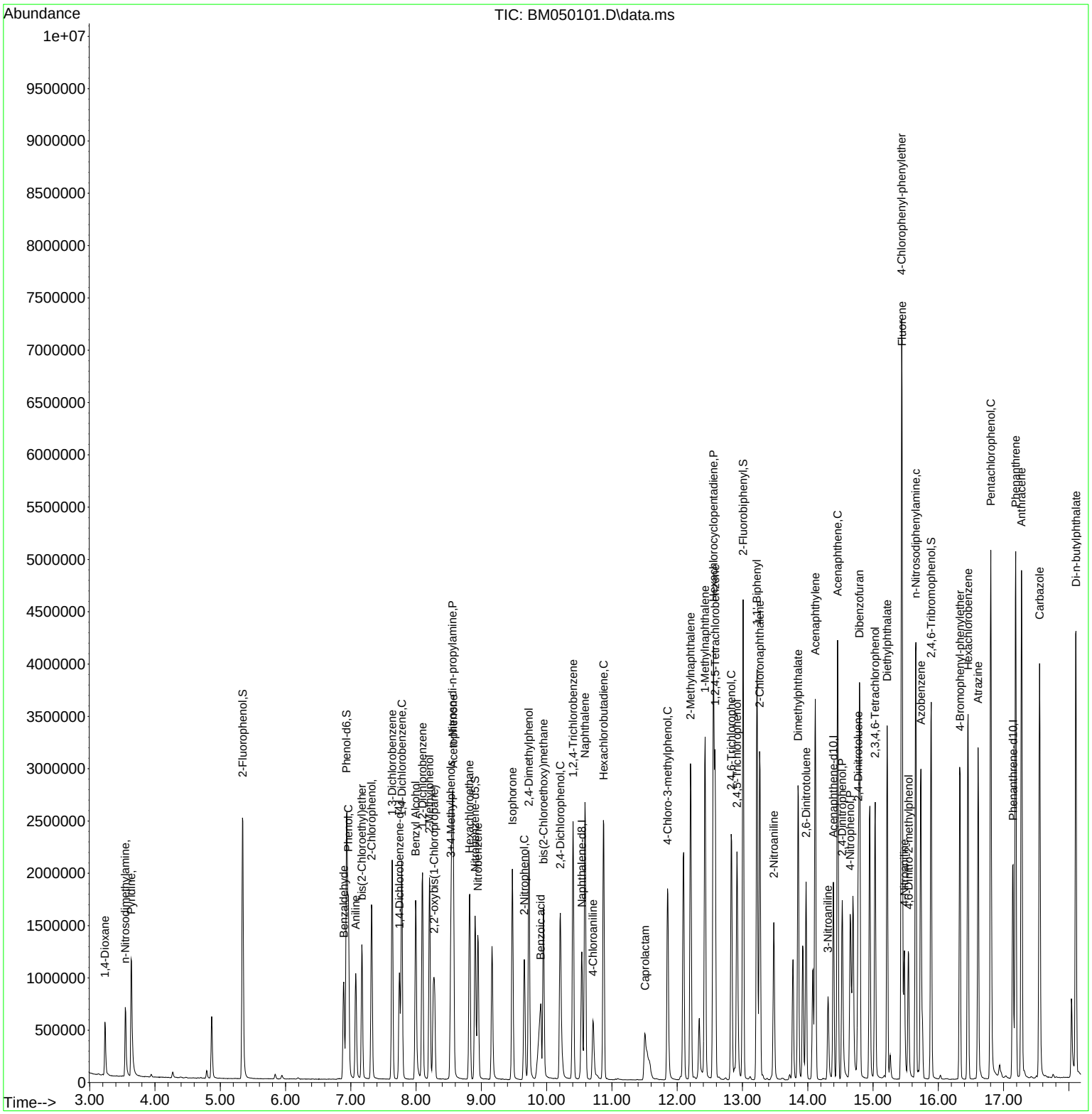
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	714392	46.054	ng	99
46) 1,1'-Biphenyl	13.221	154	2119703	43.525	ng	100
47) 2-Chloronaphthalene	13.263	162	1682226	43.613	ng	100
48) 2-Nitroaniline	13.480	65	410137	45.305	ng	99
49) Acenaphthylene	14.115	152	2607333	42.873	ng	100
50) Dimethylphthalate	13.851	163	2008543	41.950	ng	99
51) 2,6-Dinitrotoluene	13.974	165	436791	44.061	ng	99
52) Acenaphthene	14.457	154	1503119	42.700	ng	99
53) 3-Nitroaniline	14.310	138	240688	25.431	ng	99
54) 2,4-Dinitrophenol	14.527	184	515925	81.228	ng	99
55) Dibenzofuran	14.792	168	2470123	42.175	ng	99
56) 4-Nitrophenol	14.651	139	692129	89.330	ng	99
57) 2,4-Dinitrotoluene	14.774	165	612717	44.730	ng	98
58) Fluorene	15.445	166	2038230	42.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	587763	43.774	ng	99
60) Diethylphthalate	15.215	149	1869621	41.441	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1124376	42.701	ng	100
62) 4-Nitroaniline	15.480	138	394156	43.165	ng	99
63) Azobenzene	15.733	77	1715145	45.362	ng	96
65) 4,6-Dinitro-2-methylph...	15.545	198	339117	42.967	ng	97
66) n-Nitrosodiphenylamine	15.657	169	1700792	43.928	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	673722	44.187	ng	97
68) Hexachlorobenzene	16.457	284	772197	43.936	ng	96
69) Atrazine	16.609	200	620736	44.447	ng	99
70) Pentachlorophenol	16.804	266	1021224	103.226	ng	98
71) Phenanthrene	17.186	178	3082125	43.341	ng	100
72) Anthracene	17.274	178	3141350	43.650	ng	100
73) Carbazole	17.551	167	2792713	44.720	ng	100
74) Di-n-butylphthalate	18.109	149	3233710	43.482	ng	100
75) Fluoranthene	19.203	202	3722333	44.583	ng	100
77) Benzidine	19.392	184	1919998	44.830	ng	100
78) Pyrene	19.568	202	3815439	45.063	ng	100
80) Butylbenzylphthalate	20.462	149	1416730	44.675	ng	98
81) Benzo(a)anthracene	21.368	228	3671788	44.223	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	834376	26.251	ng	99
83) Chrysene	21.427	228	3347188	43.557	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	2047604	43.228	ng	100
85) Di-n-octyl phthalate	22.409	149	3335016	42.694	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	4020492	45.013	ng	99
88) Benzo(b)fluoranthene	23.433	252	3367561	43.199	ng	100
89) Benzo(k)fluoranthene	23.497	252	3397394	43.085	ng	99
90) Benzo(a)pyrene	24.238	252	3239603	44.370	ng	100
91) Dibenzo(a,h)anthracene	27.809	278	3283382	45.096	ng	99
92) Benzo(g,h,i)perylene	28.820	276	3078083	44.159	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050101.D
Acq On : 05 May 2025 16:21
Operator : RC/JU
Sample : Q1937-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Quant Time: May 05 17:02:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
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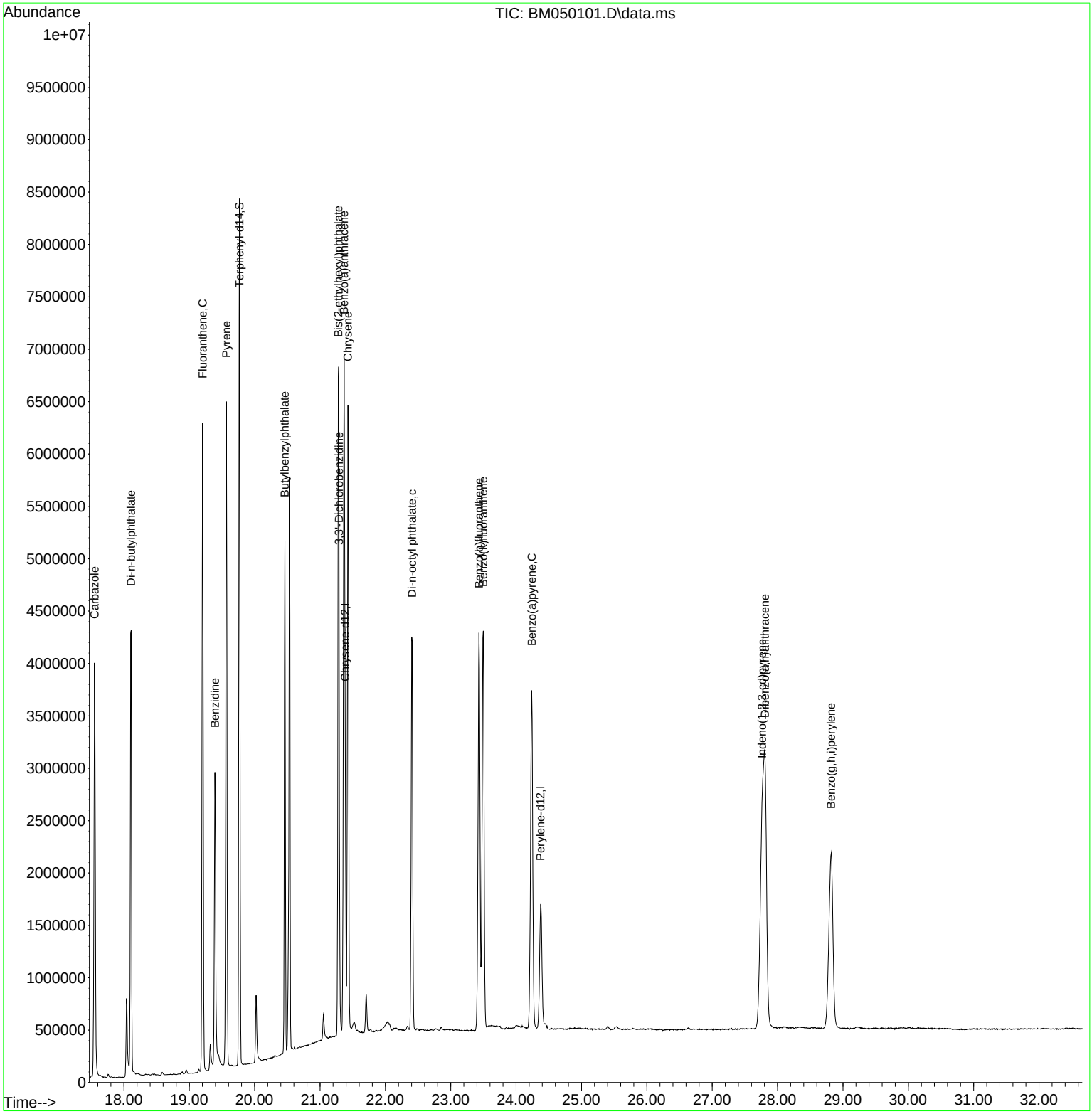
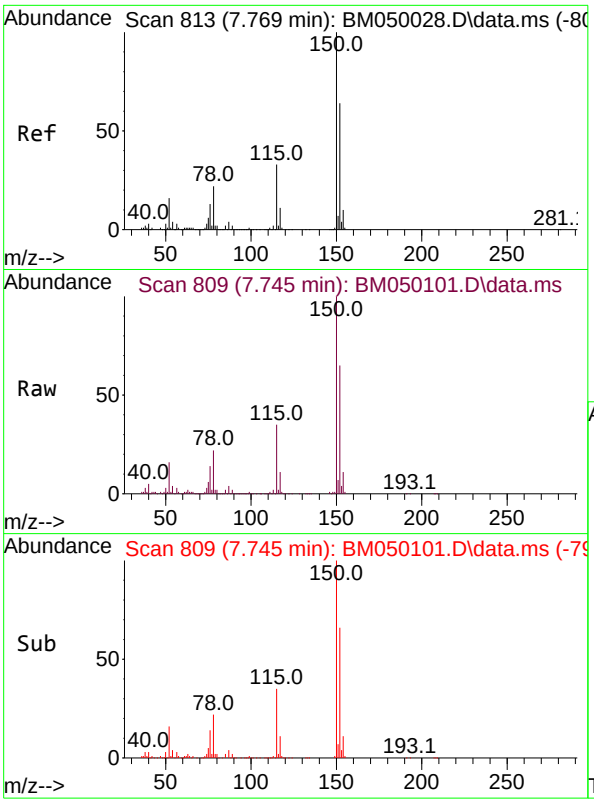


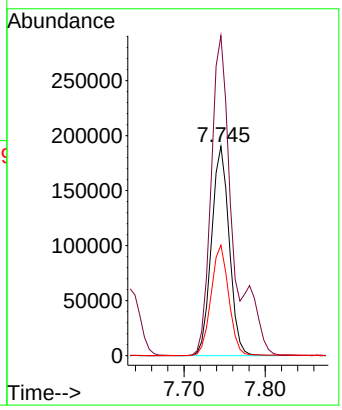


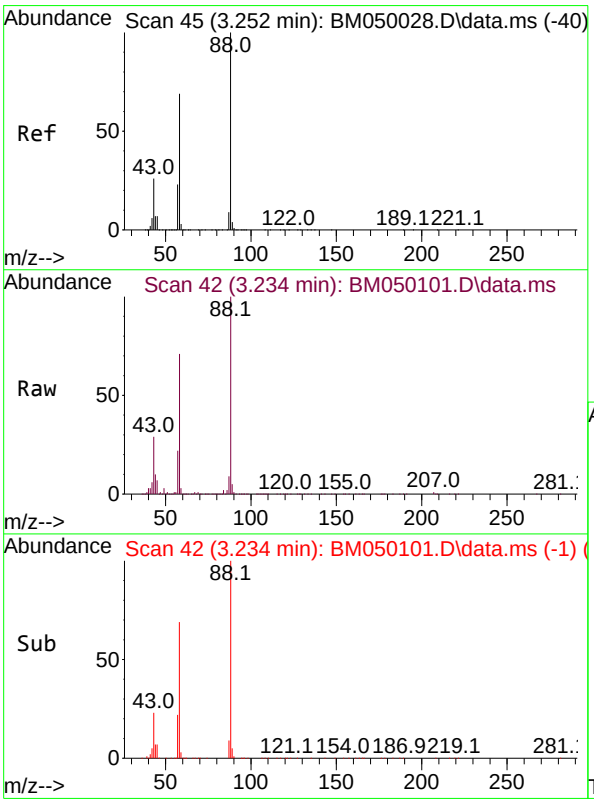
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 8
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:152 Resp: 289071

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.1	186.1
115	52.9	41.2	61.8

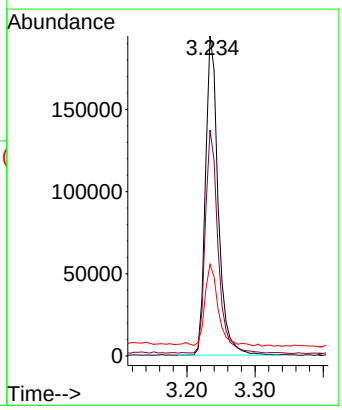


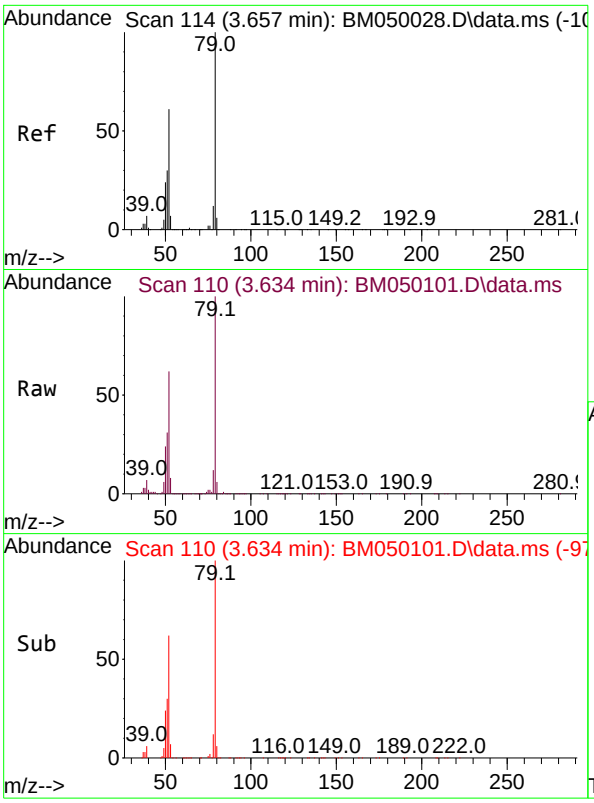


#2
1,4-Dioxane
Concen: 35.766 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 88 Resp: 253156

Ion	Ratio	Lower	Upper
88	100		
58	69.3	55.1	82.7
43	26.2	20.9	31.3



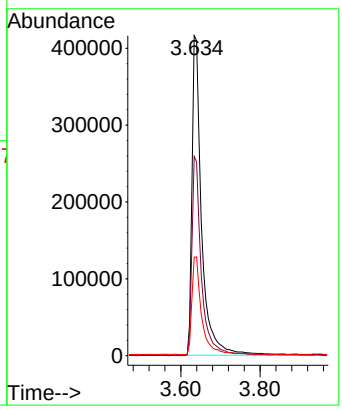


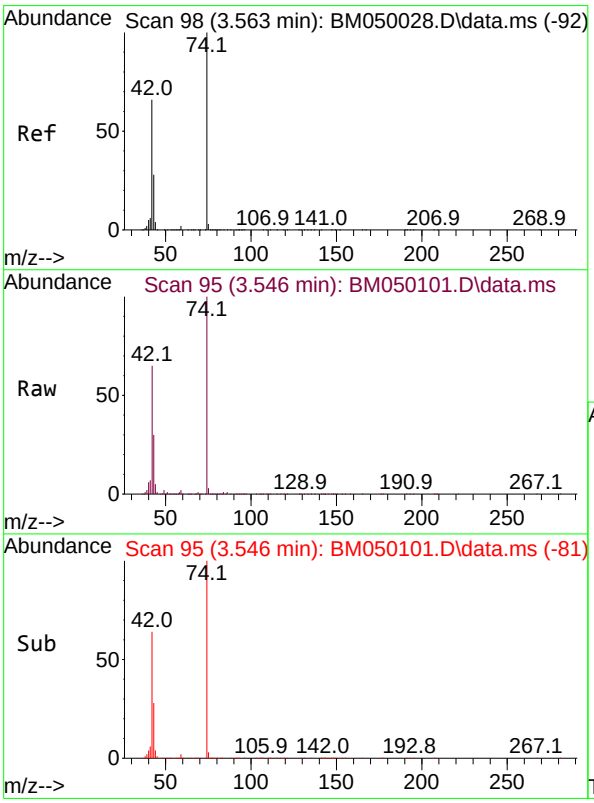
#3
Pyridine
Concen: 38.719 ng
RT: 3.634 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion: 79 Resp: 704148

Ion	Ratio	Lower	Upper
79	100		
52	62.3	48.6	72.8
51	30.8	24.6	37.0

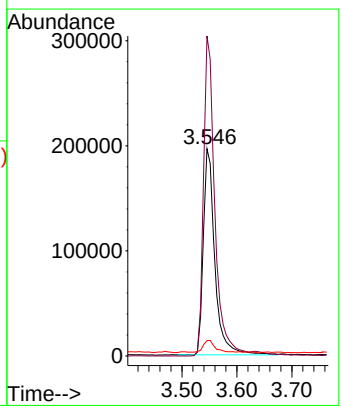


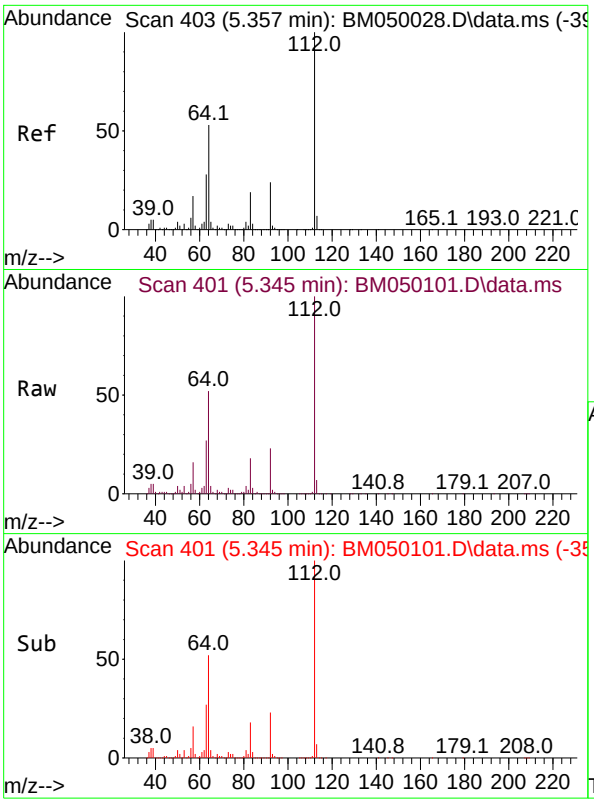


#4
n-Nitrosodimethylamine
Concen: 40.162 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 42 Resp: 286467

Ion	Ratio	Lower	Upper
42	100		
74	154.4	120.2	180.2
44	7.4	6.2	9.2



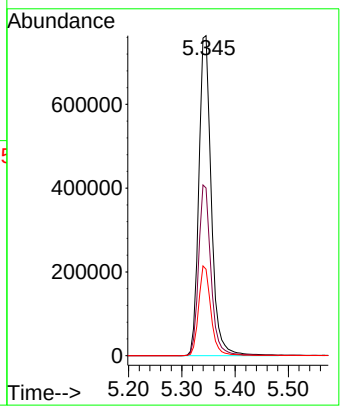


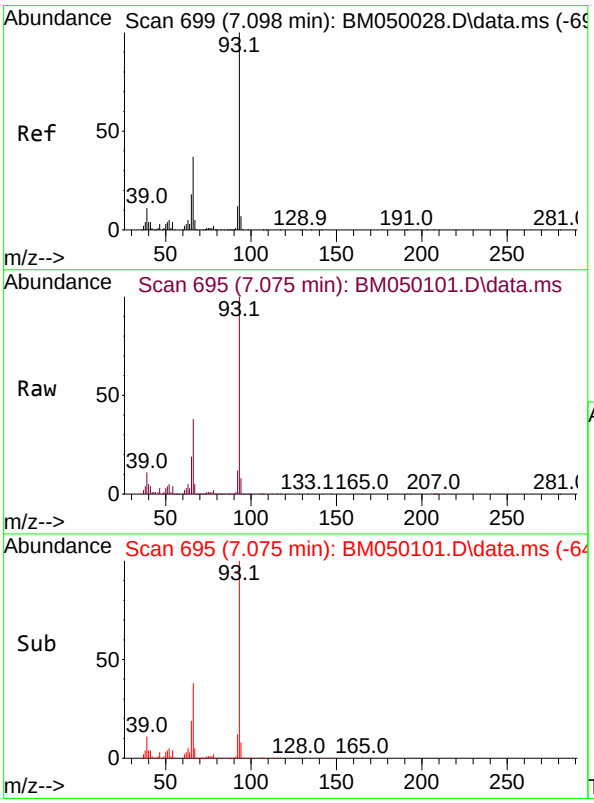
#5
2-Fluorophenol
Concen: 75.152 ng
RT: 5.345 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:112 Resp: 1240627

Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.6	64.0
63	27.0	22.2	33.4

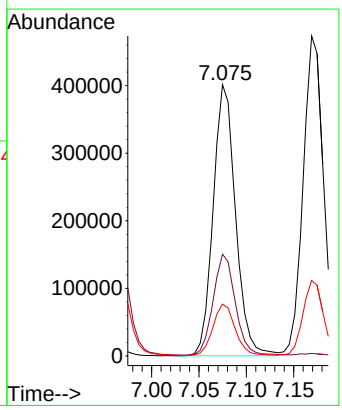


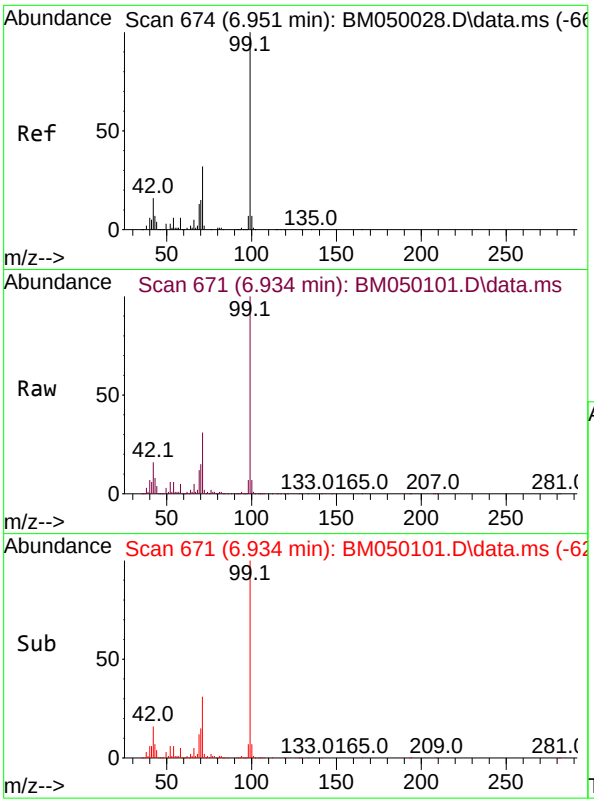


#6
Aniline
Concen: 25.192 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 93 Resp: 660027

Ion	Ratio	Lower	Upper
93	100		
66	37.5	29.9	44.9
65	19.1	14.5	21.7



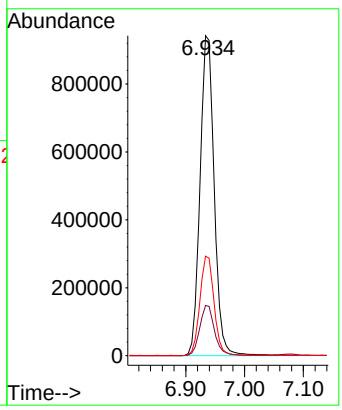


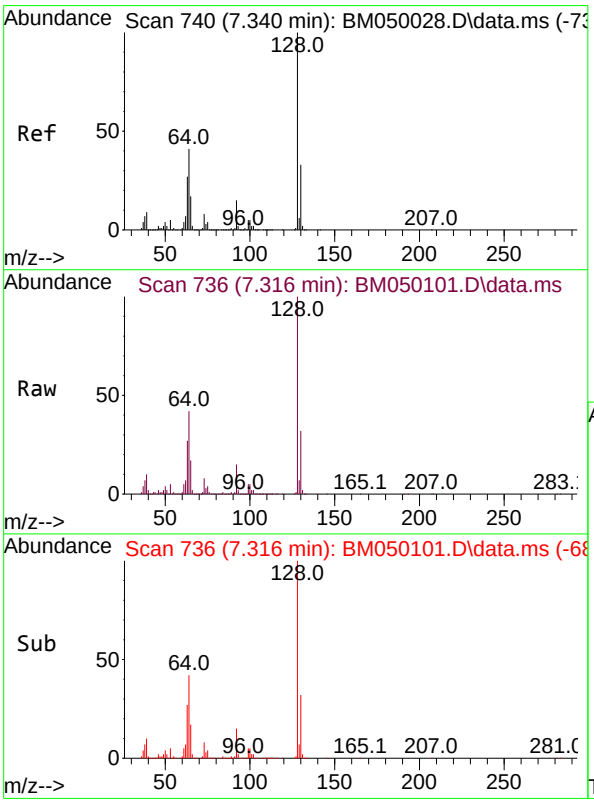
#7
Phenol-d6
Concen: 75.900 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion: 99 Resp: 1574828

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	31.1	25.6	38.4

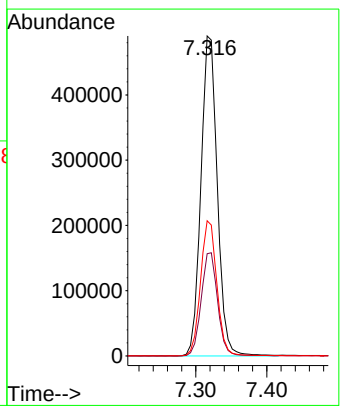


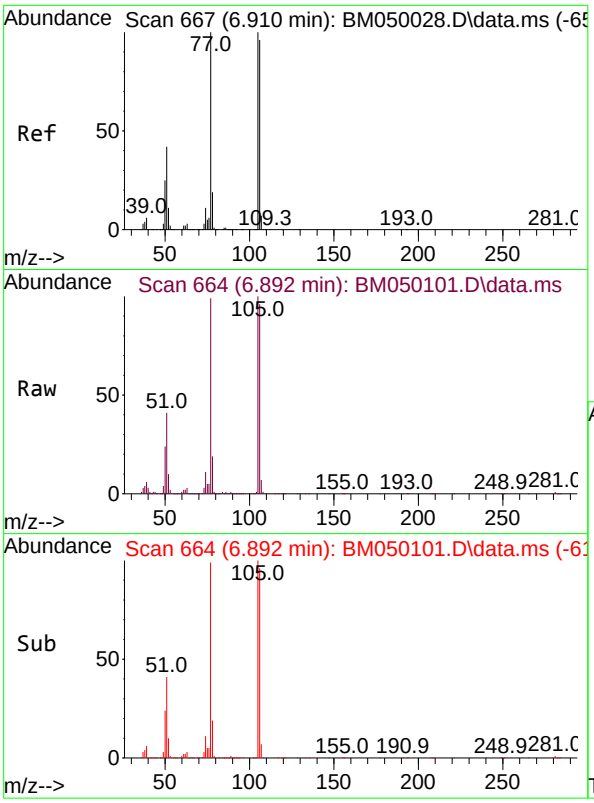


#8
2-Chlorophenol
Concen: 44.135 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:128 Resp: 787758

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.8	52.8
64	42.2	21.2	61.2



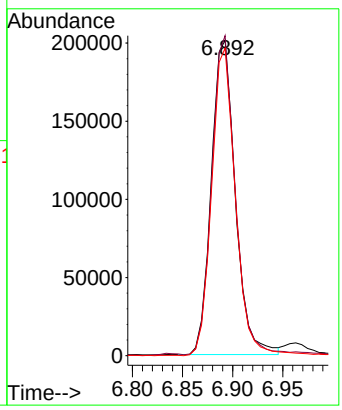


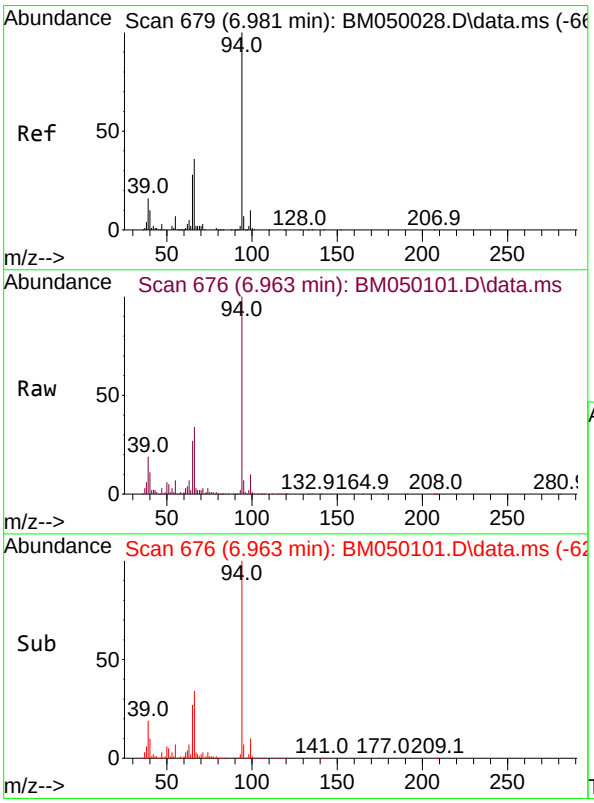
#9
Benzaldehyde
Concen: 24.111 ng
RT: 6.892 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion: 77 Resp: 334787

Ion	Ratio	Lower	Upper
77	100		
105	101.4	80.5	120.5
106	97.5	76.1	116.1

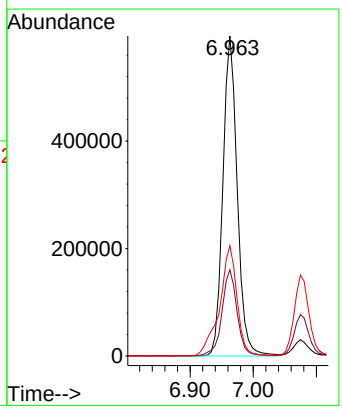


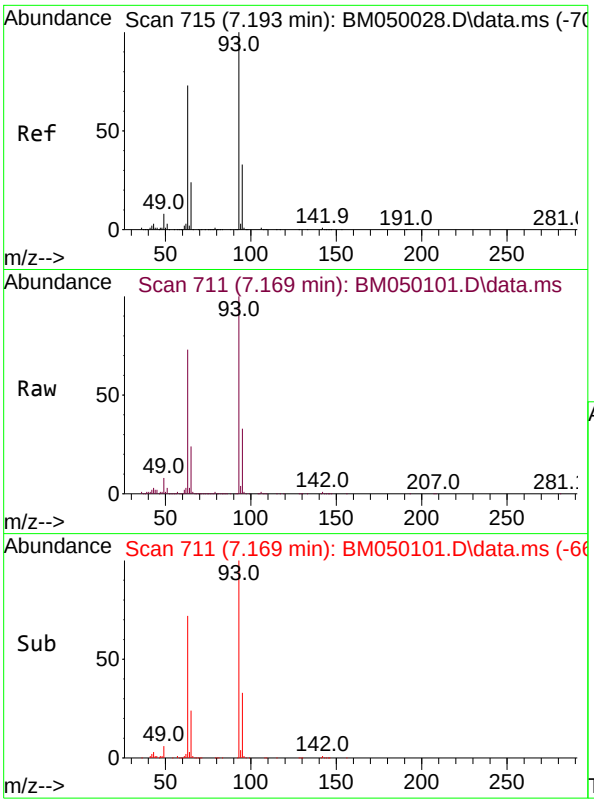


#10
Phenol
Concen: 44.810 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 94 Resp: 941217

Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.6	47.6
66	34.5	15.8	55.8



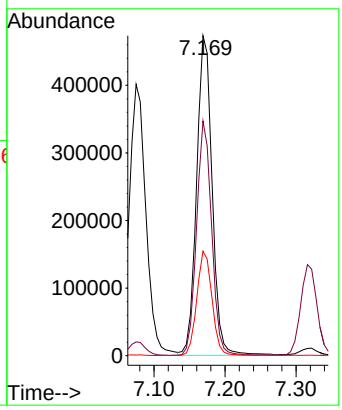


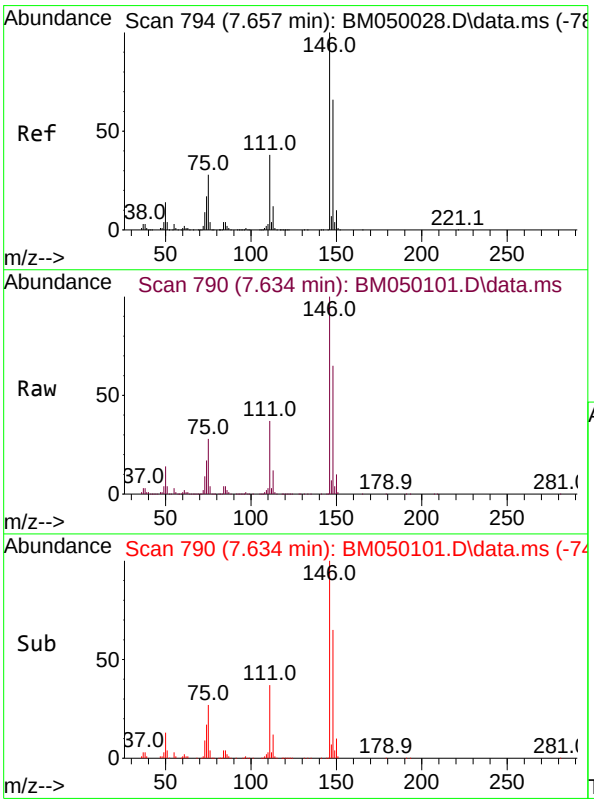
#11
bis(2-Chloroethyl)ether
Concen: 41.131 ng
RT: 7.169 min Scan# 7
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion: 93 Resp: 721407

Ion	Ratio	Lower	Upper
93	100		
63	73.3	52.3	92.3
95	32.7	12.8	52.8

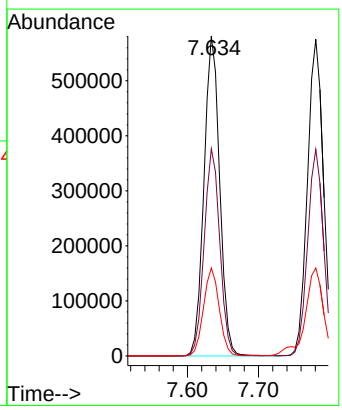


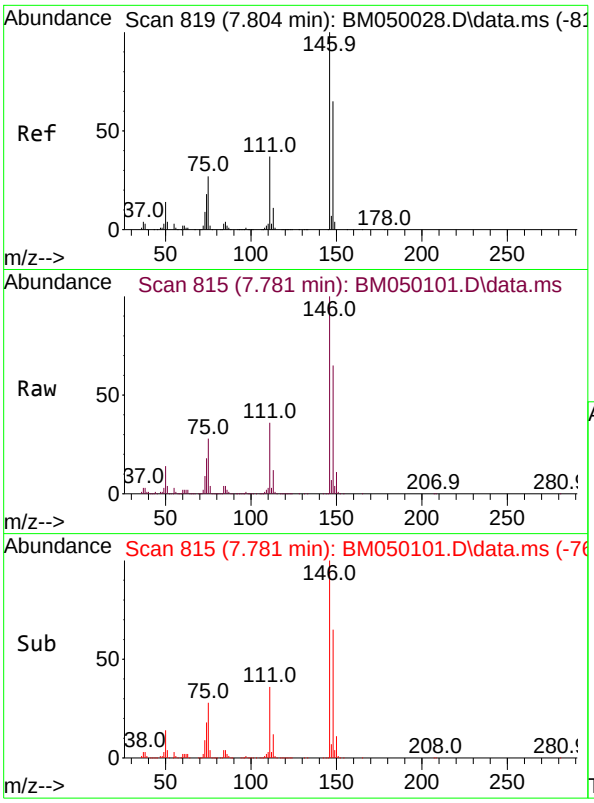


#12
1,3-Dichlorobenzene
Concen: 41.514 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:146 Resp: 895076

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.5	78.7
75	27.5	22.6	34.0



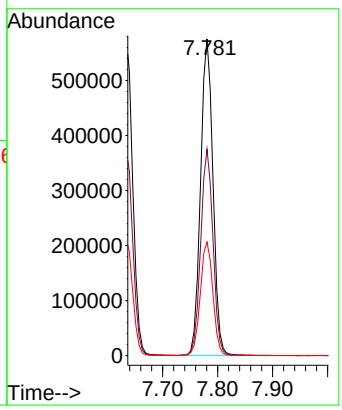


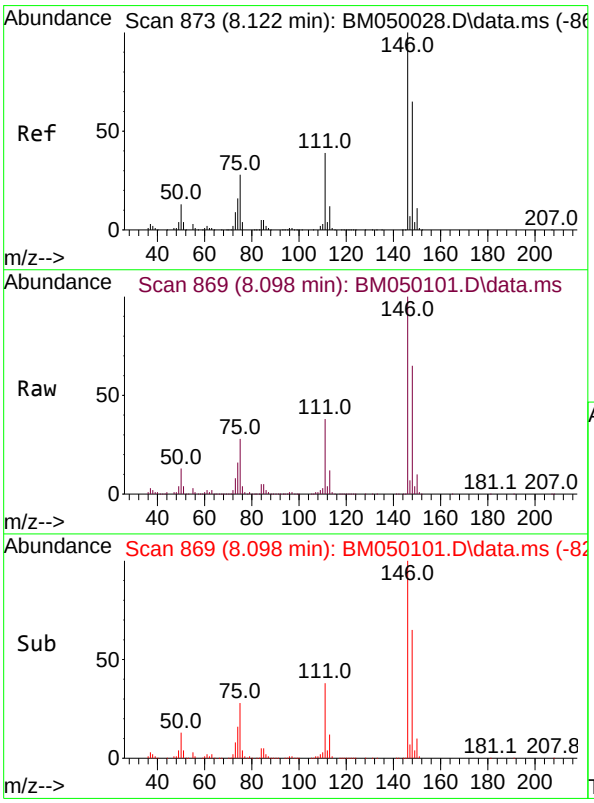
#13
1,4-Dichlorobenzene
Concen: 41.631 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:146 Resp: 901755

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.2
111	35.9	29.3	43.9

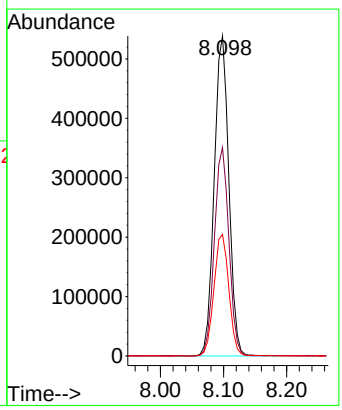


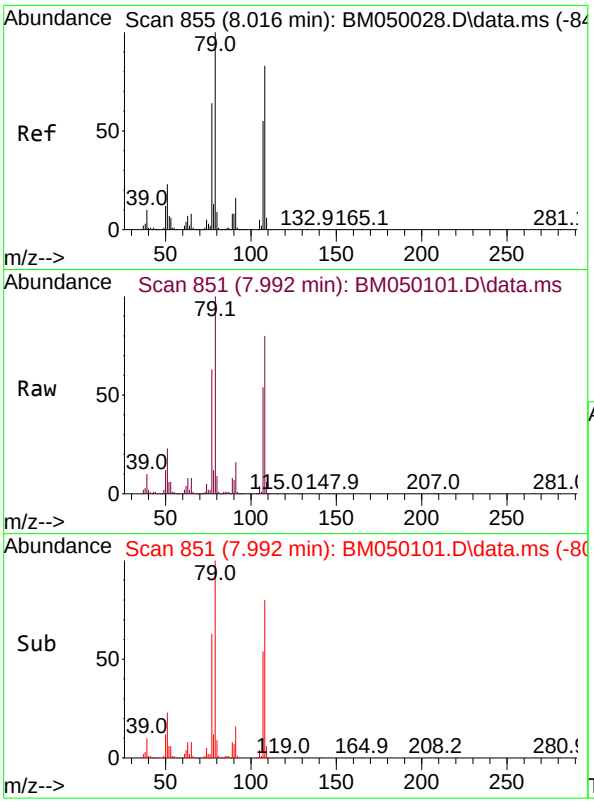


#14
1,2-Dichlorobenzene
Concen: 41.336 ng
RT: 8.098 min Scan# 869
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:146 Resp: 864880

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.4	78.6
111	38.0	31.0	46.6



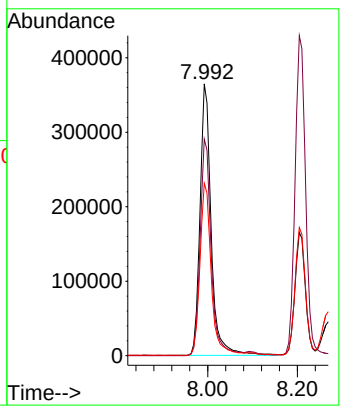


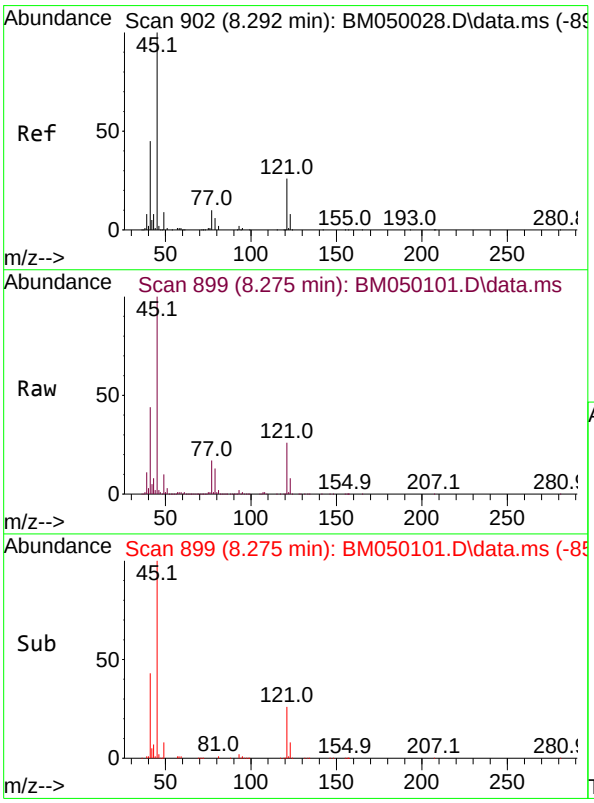
#15
Benzyl Alcohol
Concen: 43.846 ng
RT: 7.992 min Scan# 8
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion: 79 Resp: 630905

Ion	Ratio	Lower	Upper
79	100		
108	79.7	66.0	99.0
77	63.5	51.6	77.4

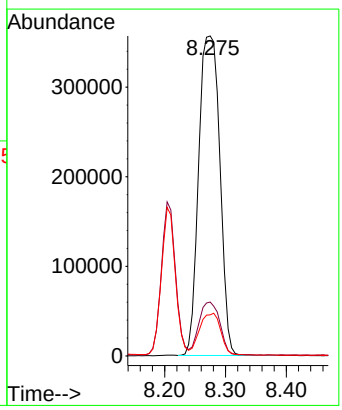


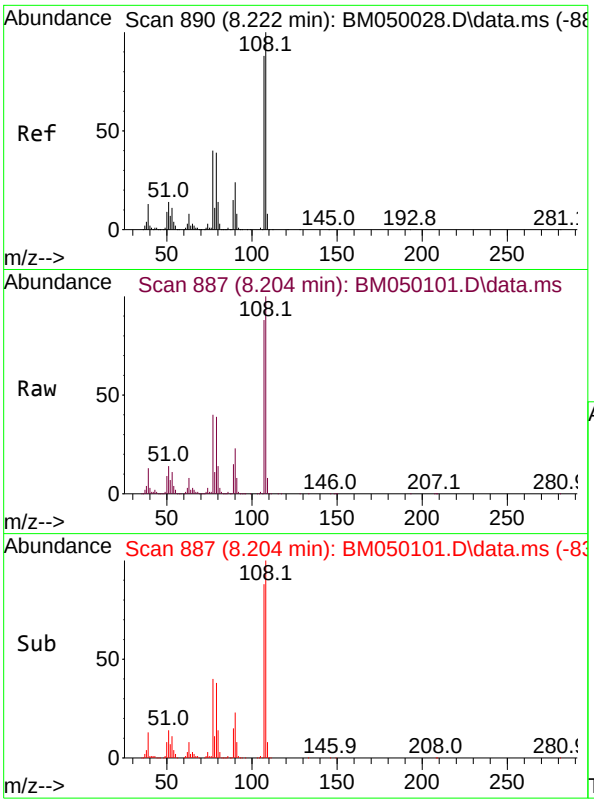


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.466 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 45 Resp: 862745

Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	36.4
79	12.9	0.0	32.7



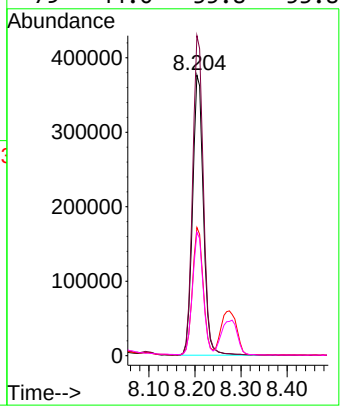


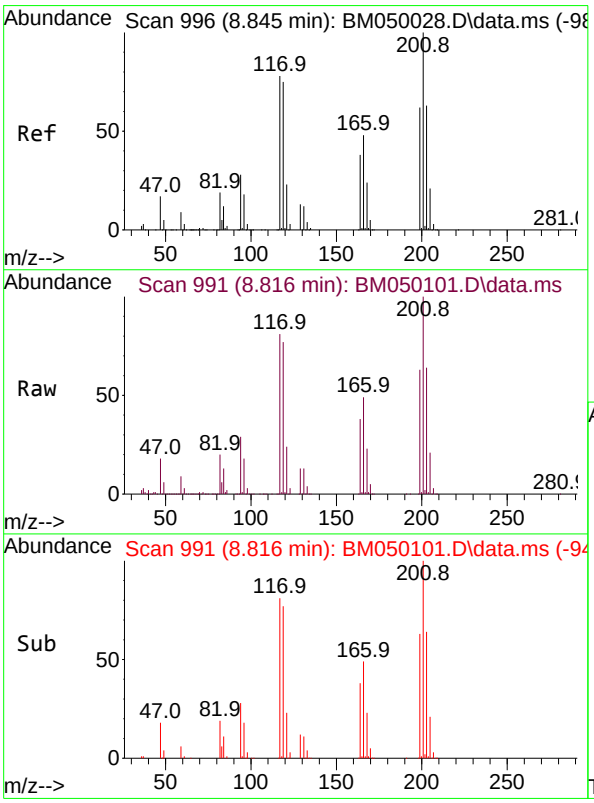
#17
2-Methylphenol
Concen: 44.290 ng
RT: 8.204 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:107 Resp: 612863

Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.1	136.7
77	45.7	36.2	54.4
79	44.0	35.8	53.8

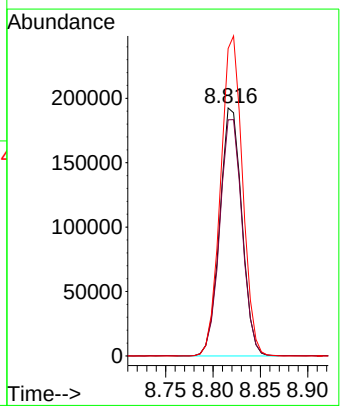


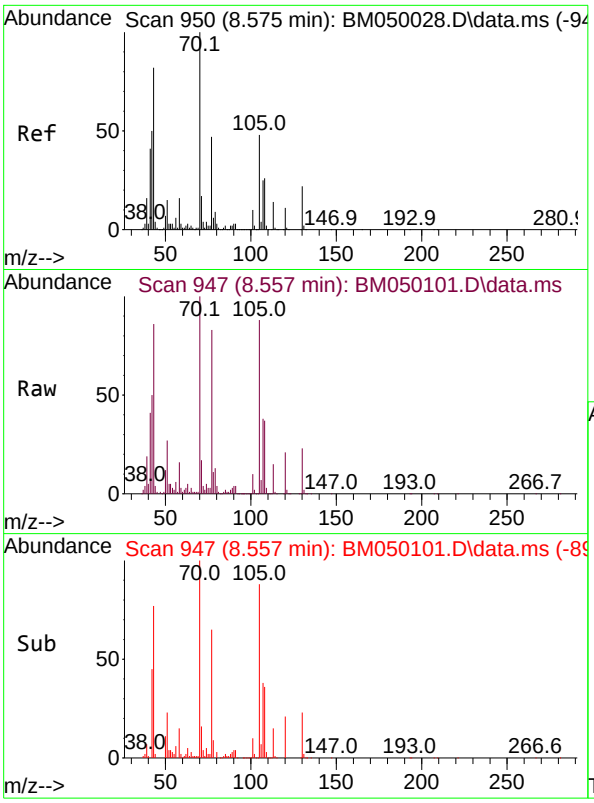


#18
Hexachloroethane
Concen: 40.690 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.030 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:117 Resp: 313308

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.3	115.9
201	124.0	102.8	154.2



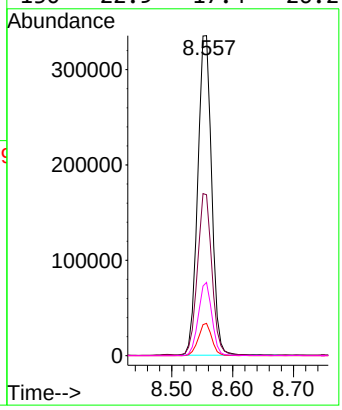


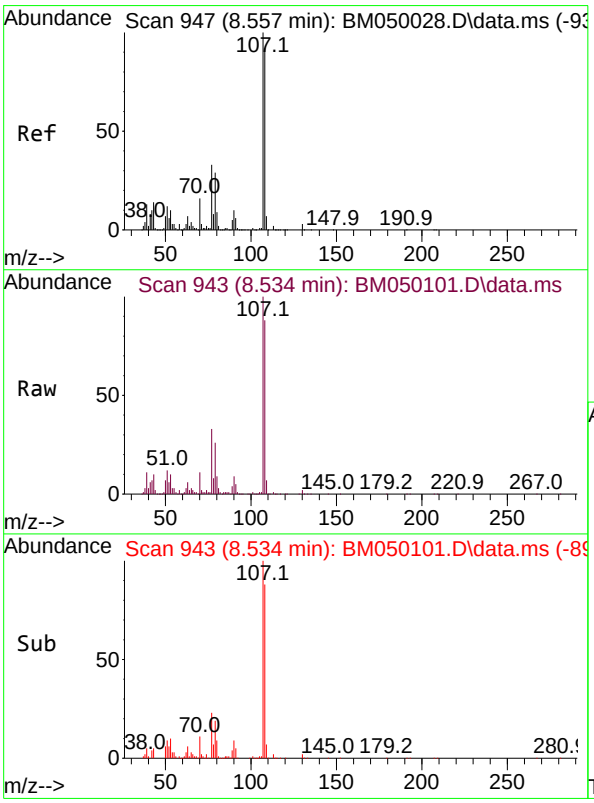
#19
n-Nitroso-di-n-propylamine
Concen: 40.002 ng
RT: 8.557 min Scan# 94
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion: 70 Resp: 532313

Ion	Ratio	Lower	Upper
70	100		
42	50.3	40.5	60.7
101	10.1	7.8	11.6
130	22.9	17.4	26.2

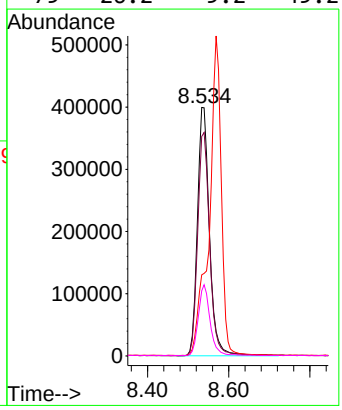


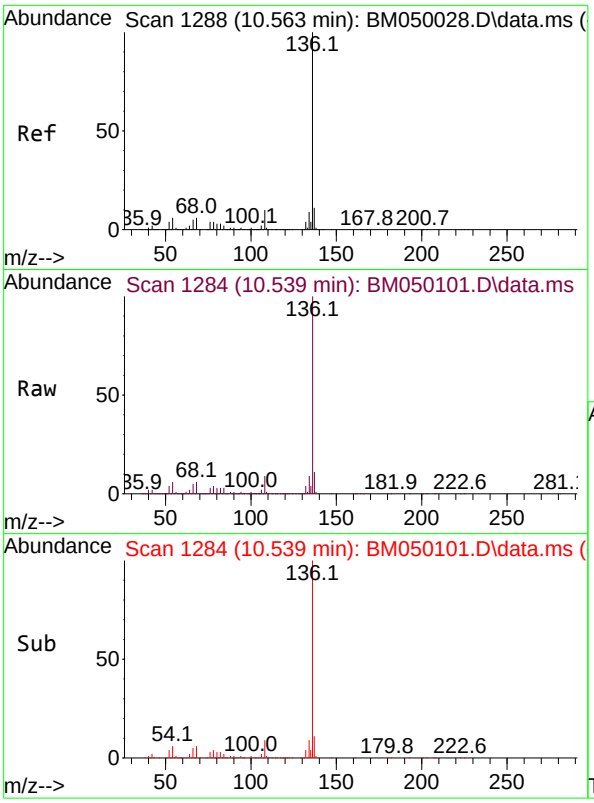


#20
3+4-Methylphenols
Concen: 44.148 ng
RT: 8.534 min Scan# 943
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:107 Resp: 824981

Ion	Ratio	Lower	Upper
107	100		
108	88.3	72.4	112.4
77	32.6	13.6	53.6
79	26.2	9.2	49.2



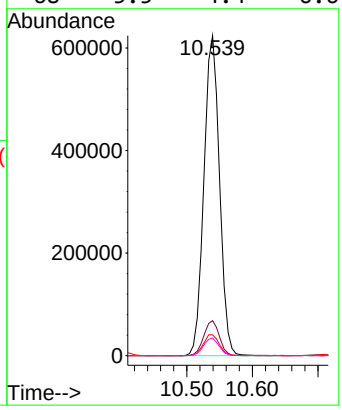


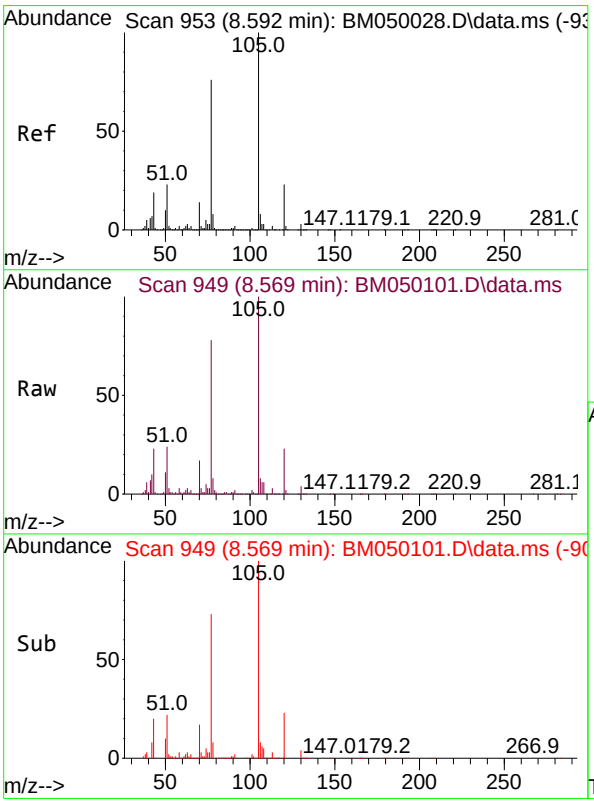
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:136 Resp: 1033172

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.5	5.1	7.7
68	5.5	4.4	6.6

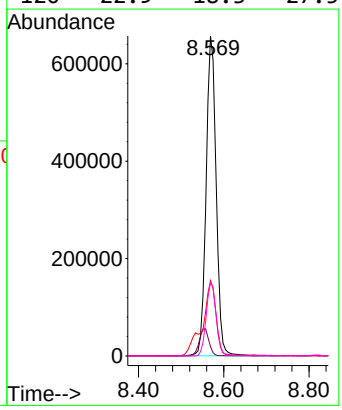


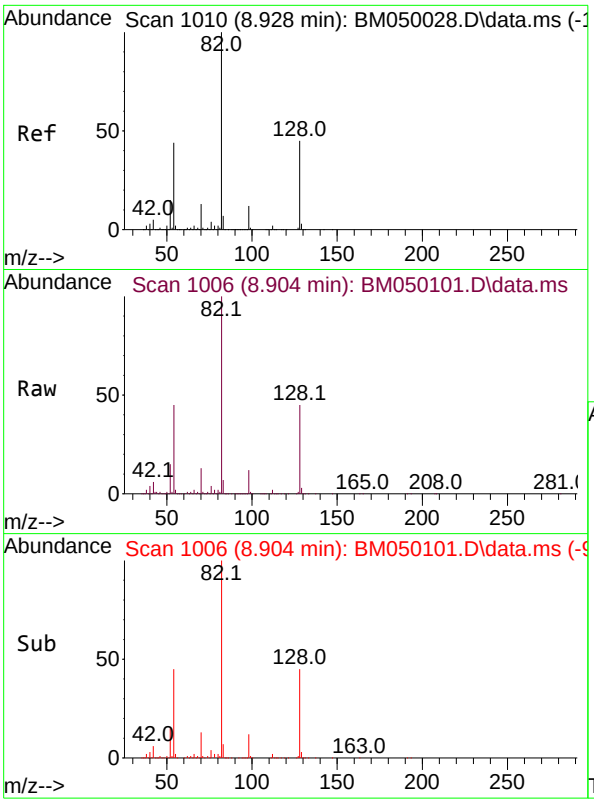


#22
Acetophenone
Concen: 41.850 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:105 Resp: 1074980

Ion	Ratio	Lower	Upper
105	100		
71	2.9	1.7	2.5#
51	23.6	18.6	27.8
120	22.9	18.3	27.5



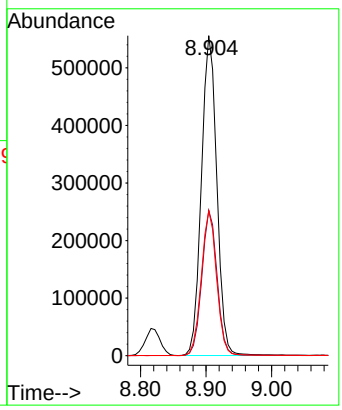


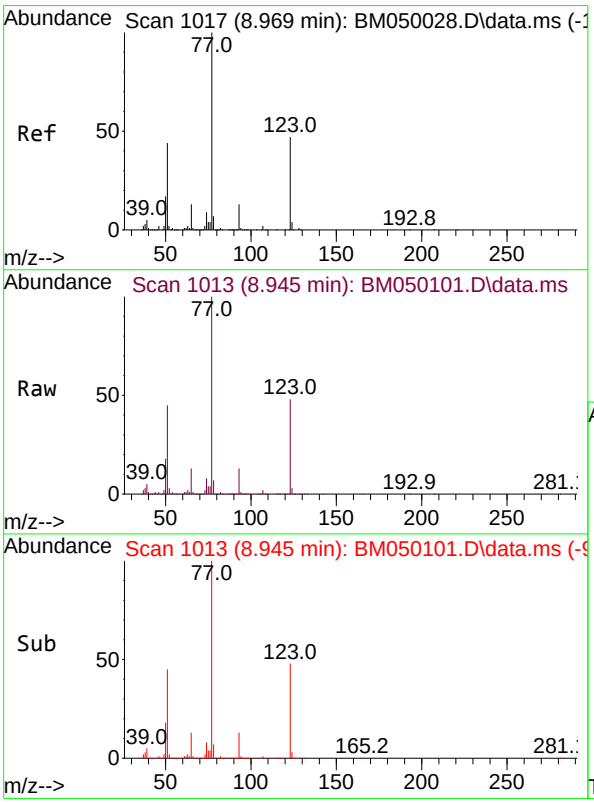
#23
Nitrobenzene-d5
Concen: 43.474 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion: 82 Resp: 911507

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	45.2	35.4	53.2

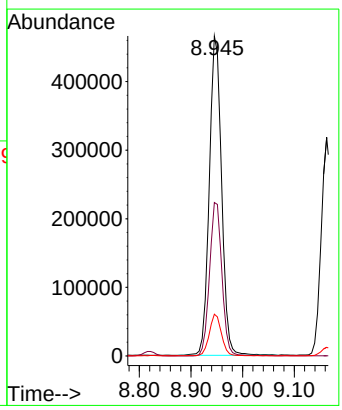


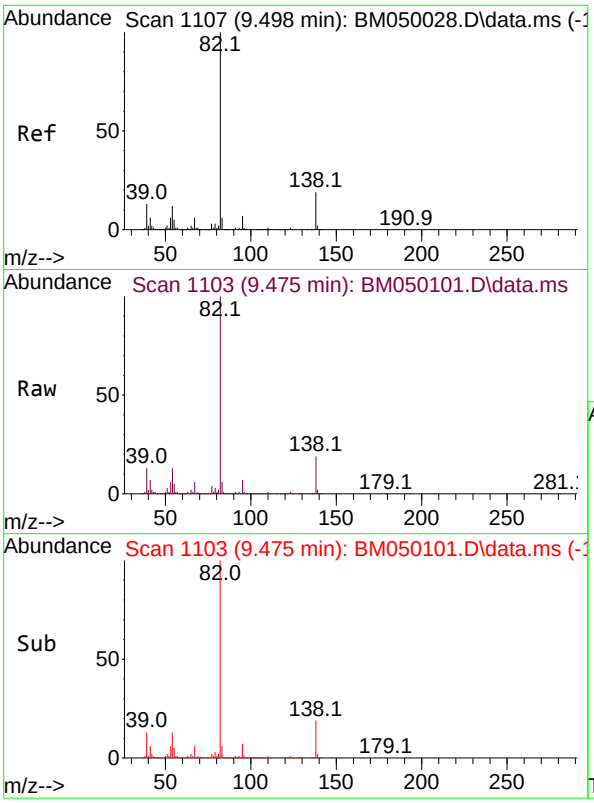


#24
Nitrobenzene
Concen: 42.504 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 77 Resp: 770560

Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.9	56.9
65	13.1	10.1	15.1



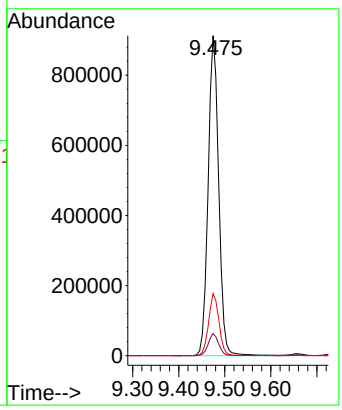


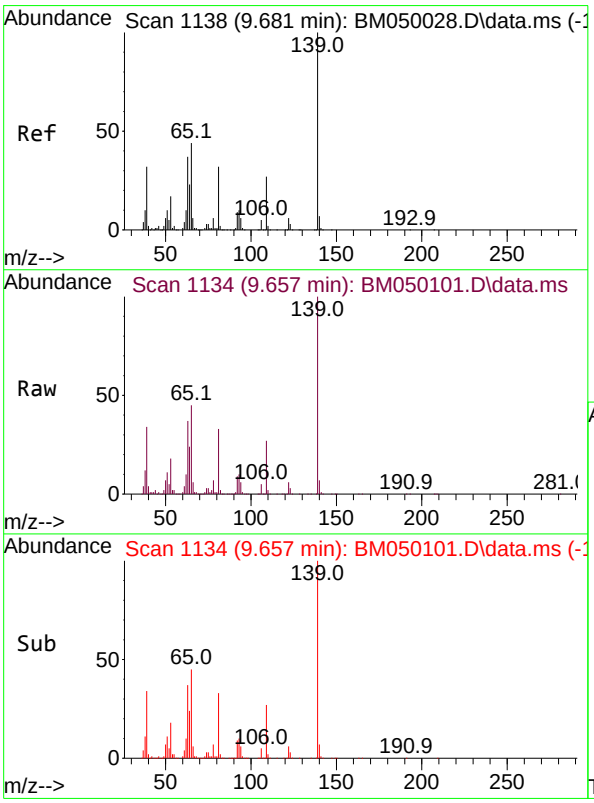
#25
Isophorone
Concen: 40.744 ng
RT: 9.475 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion: 82 Resp: 1456194

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	19.4	15.5	23.3

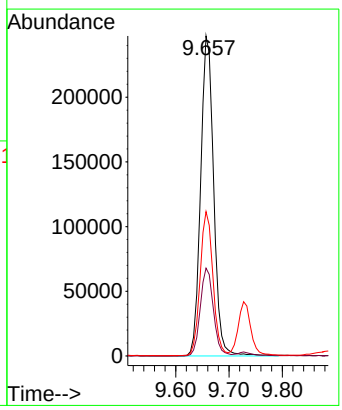


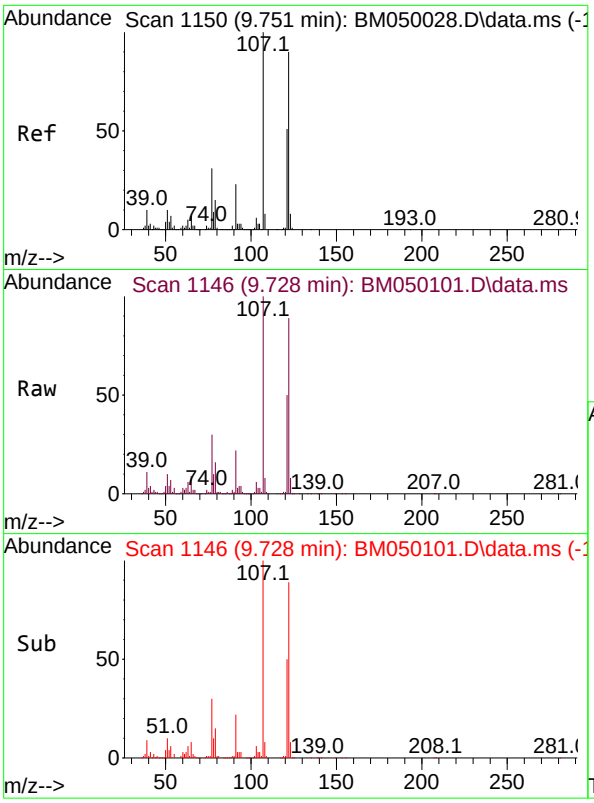


#26
2-Nitrophenol
Concen: 45.453 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:139 Resp: 420971

Ion	Ratio	Lower	Upper
139	100		
109	27.4	21.9	32.9
65	45.1	35.4	53.2



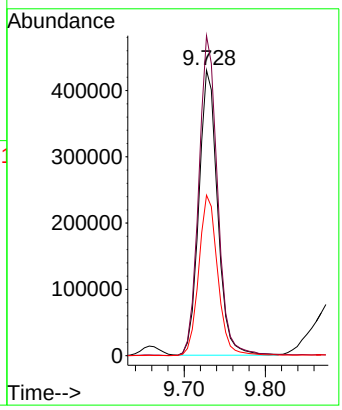


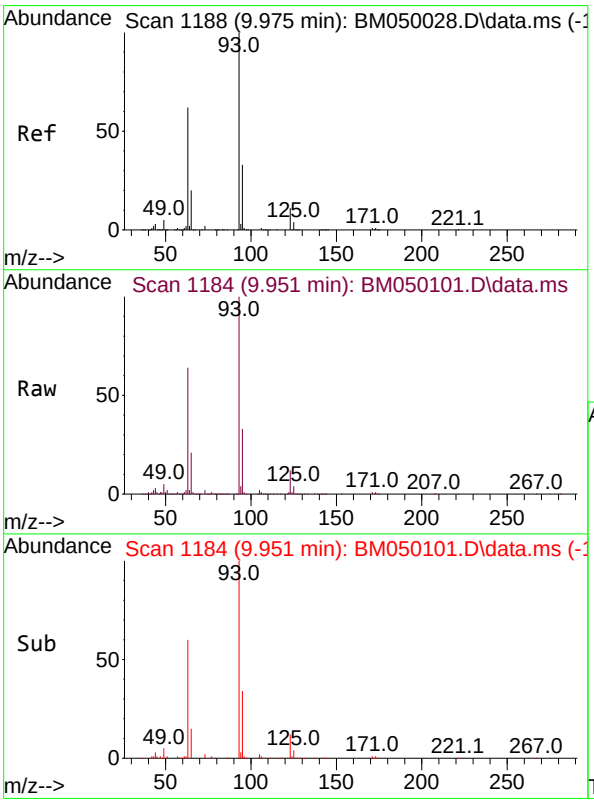
#27
2,4-Dimethylphenol
Concen: 44.785 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:122 Resp: 687865

Ion	Ratio	Lower	Upper
122	100		
107	112.1	89.0	133.6
121	56.2	45.6	68.4

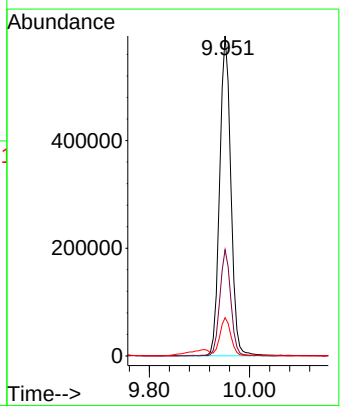


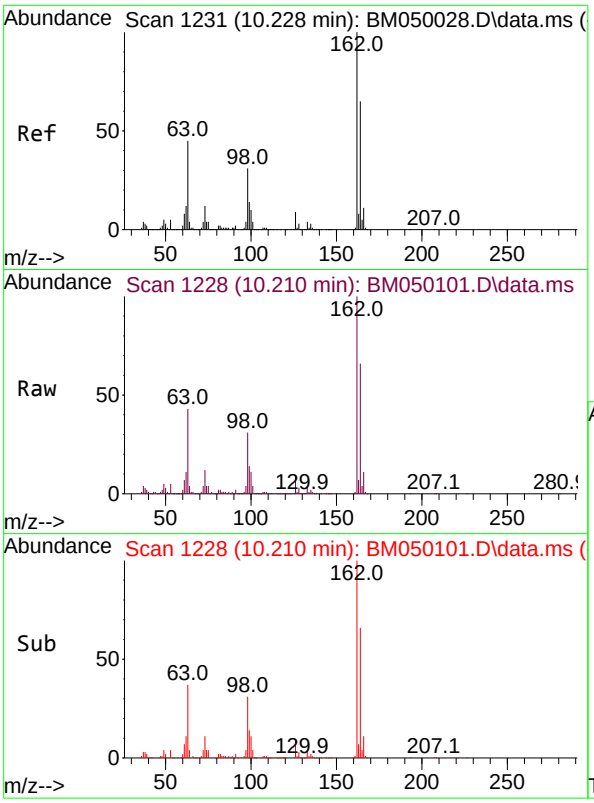


#28
bis(2-Chloroethoxy)methane
Concen: 41.657 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 93 Resp: 920206

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.1	39.1
123	11.9	9.5	14.3



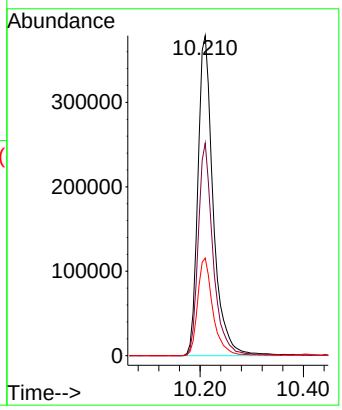


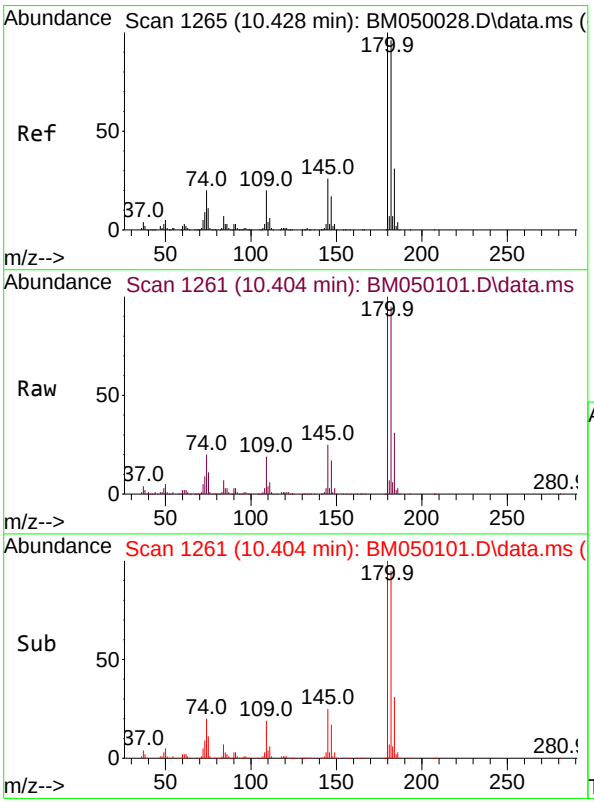
#29
2,4-Dichlorophenol
Concen: 45.292 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:162 Resp: 779345

Ion	Ratio	Lower	Upper
162	100		
164	66.4	45.4	85.4
98	30.5	11.3	51.3

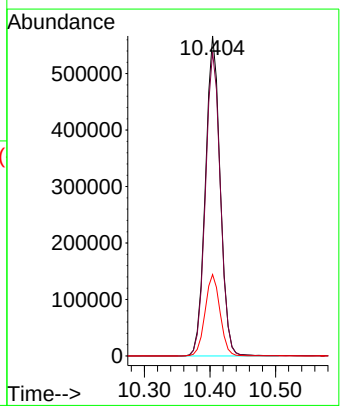


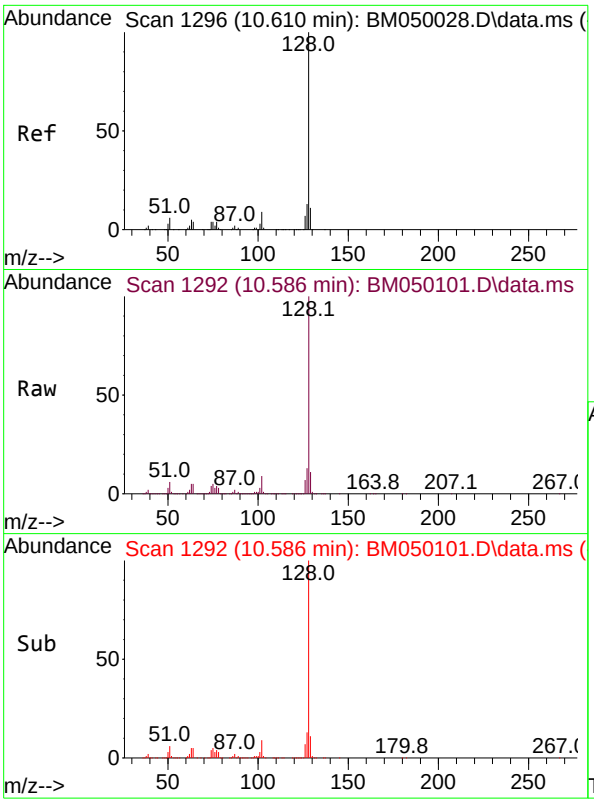


#30
1,2,4-Trichlorobenzene
Concen: 42.438 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:180 Resp: 889692

Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.0	115.4
145	25.4	20.6	30.8



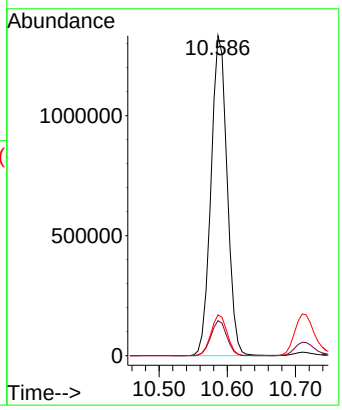


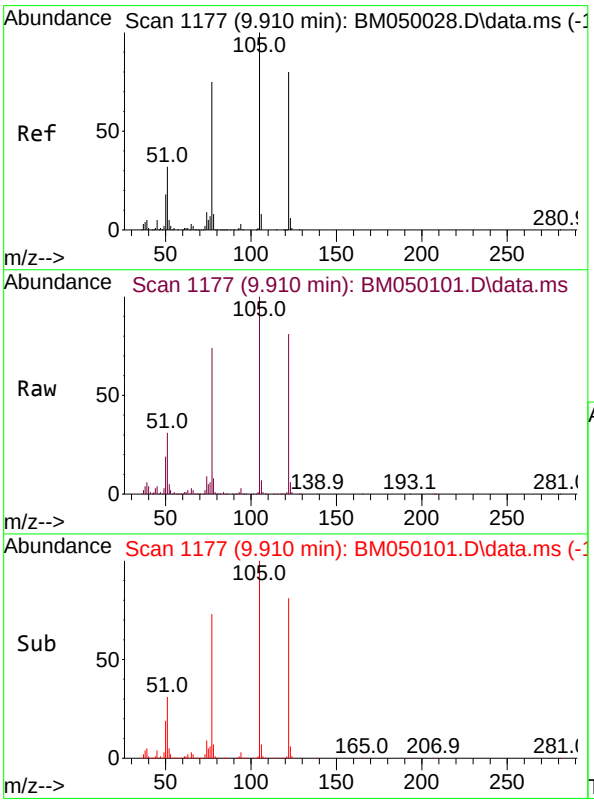
#31
Naphthalene
Concen: 41.943 ng
RT: 10.586 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:128 Resp: 2194562

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.4	15.6

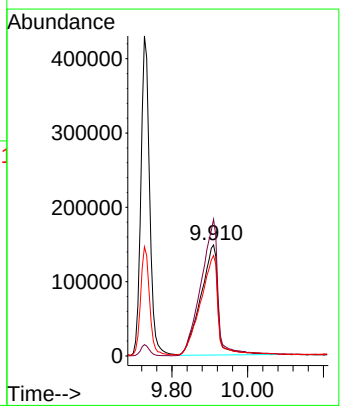


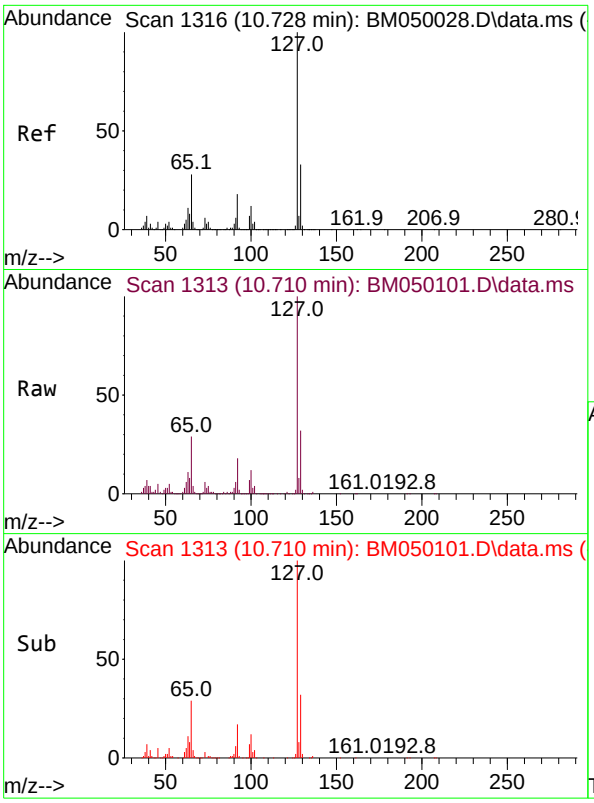


#32
Benzoic acid
Concen: 48.243 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:122 Resp: 473903

Ion	Ratio	Lower	Upper
122	100		
105	122.9	103.6	143.6
77	90.5	73.7	113.7



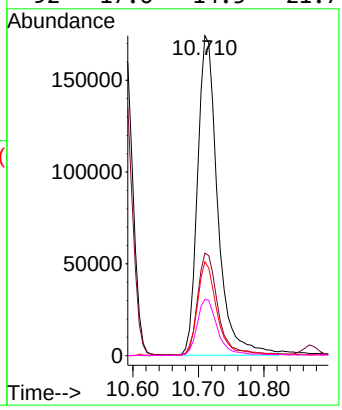


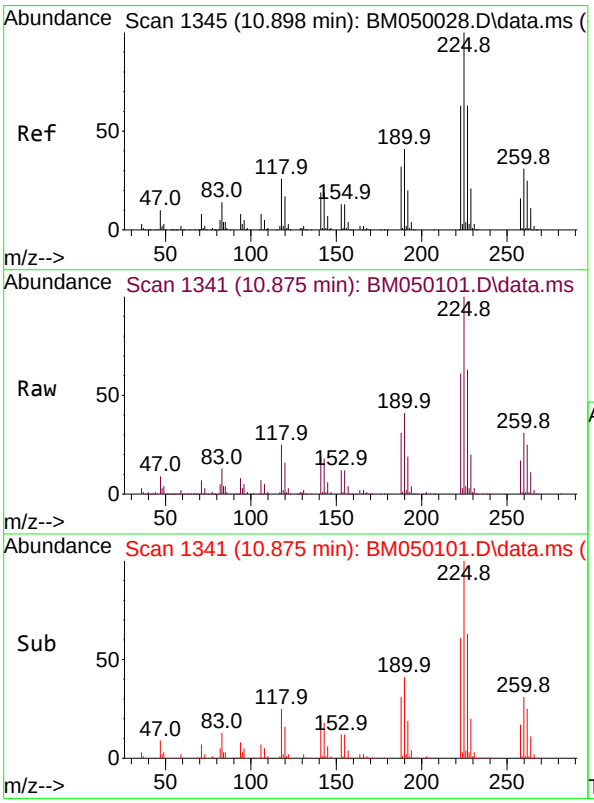
#33
4-Chloroaniline
Concen: 17.379 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:127 Resp: 372713

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	29.4	22.5	33.7
92	17.6	14.5	21.7

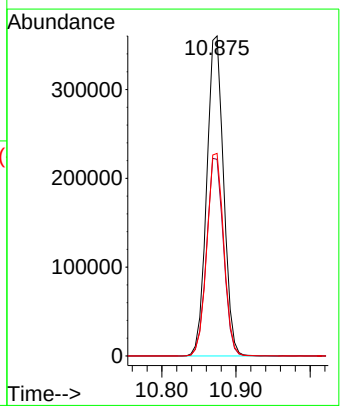


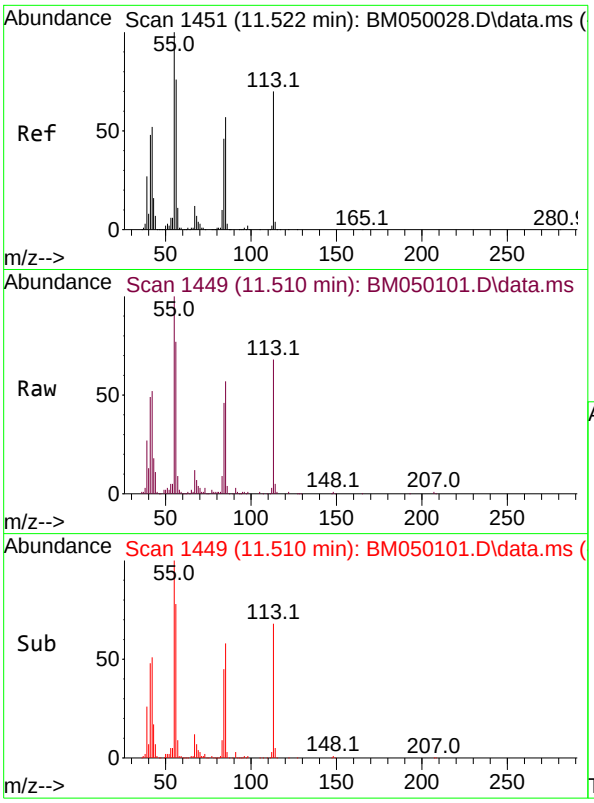


#34
Hexachlorobutadiene
Concen: 42.609 ng
RT: 10.875 min Scan# 1341
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:225 Resp: 567011

Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.2	75.2
227	63.3	50.6	76.0



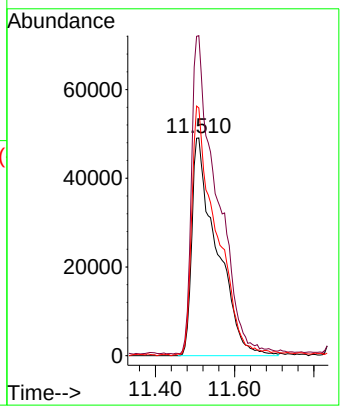


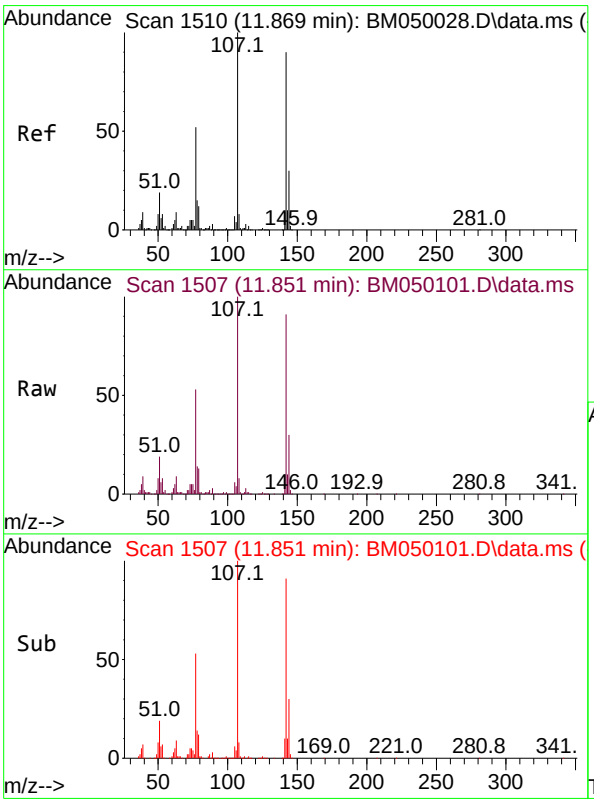
#35
Caprolactam
Concen: 42.286 ng
RT: 11.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:113 Resp: 212152

Ion	Ratio	Lower	Upper
113	100		
55	146.9	122.9	162.9
56	113.7	88.1	128.1

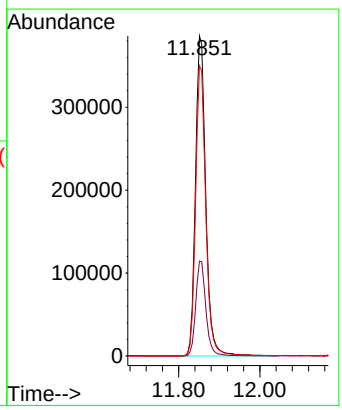


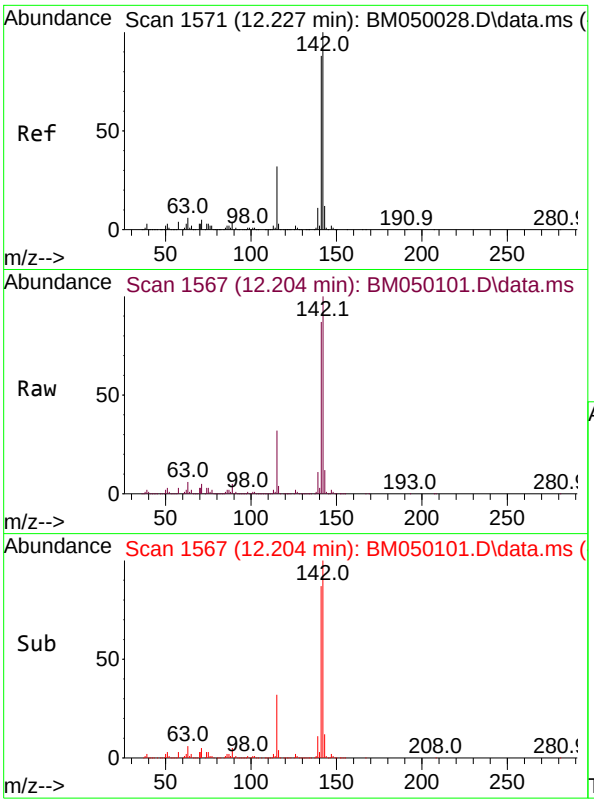


#36
4-Chloro-3-methylphenol
Concen: 43.036 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:107 Resp: 684151

Ion	Ratio	Lower	Upper
107	100		
144	29.7	23.8	35.6
142	90.7	71.9	107.9



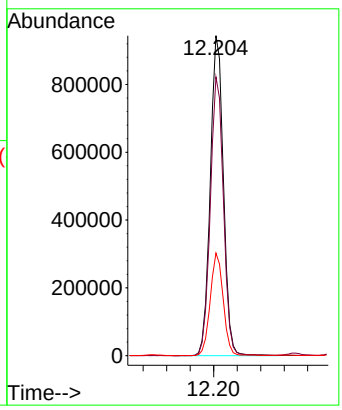


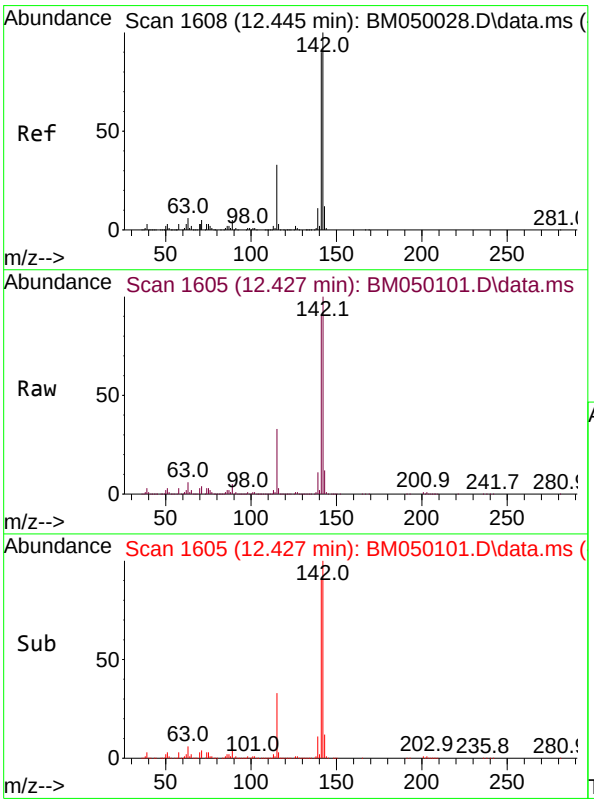
#37
2-Methylnaphthalene
Concen: 41.664 ng
RT: 12.204 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:142 Resp: 1461550

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.4	105.6
115	32.0	25.4	38.2

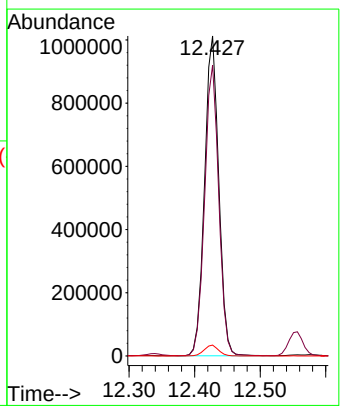


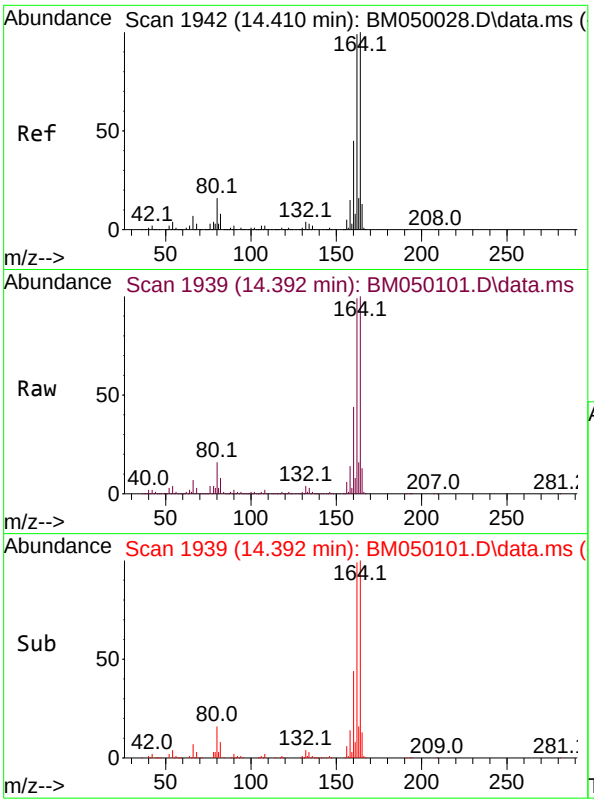


#38
1-Methylnaphthalene
Concen: 41.079 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:142 Resp: 1525009

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.1	108.1
116	3.4	2.7	4.1



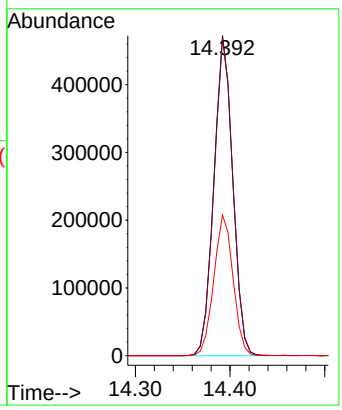


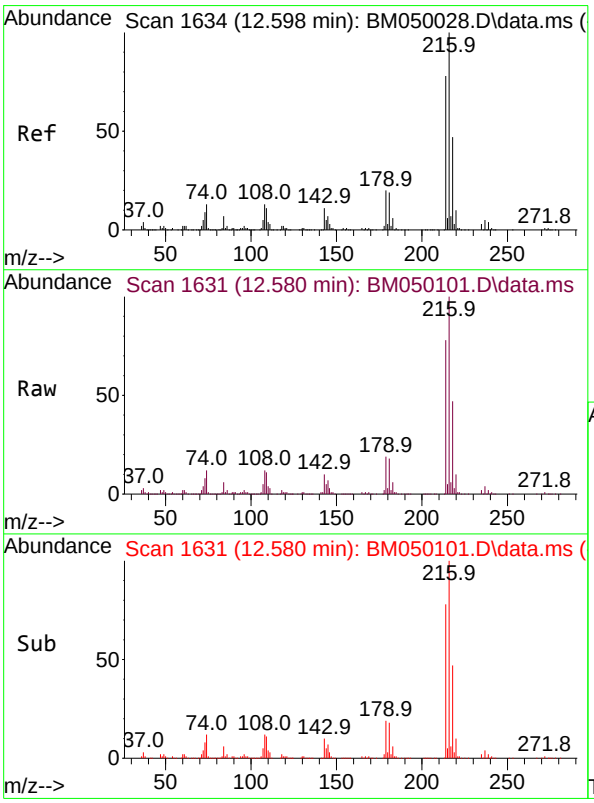
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:164 Resp: 655158

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	43.9	36.2	54.4

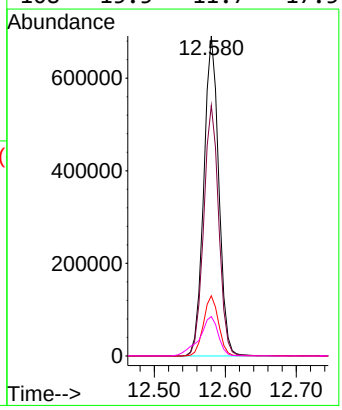


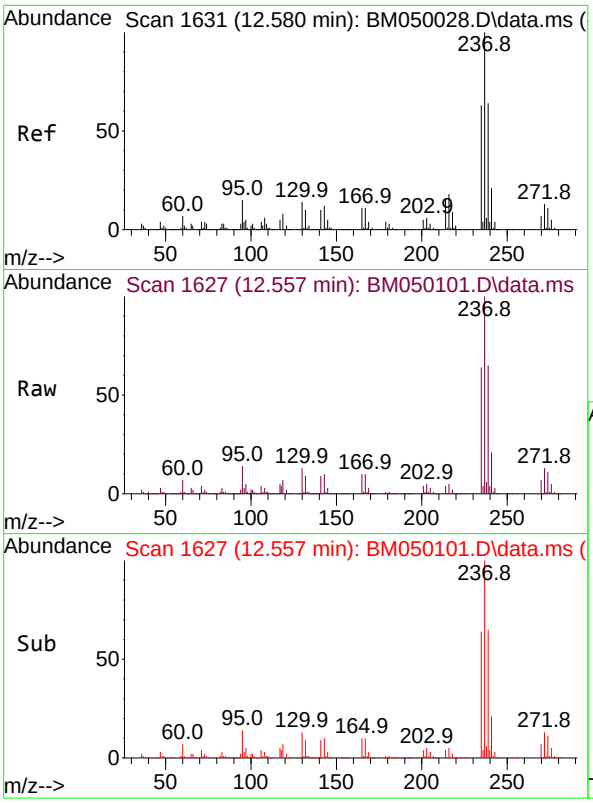


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.745 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:216 Resp: 1014802

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.3	93.5
179	19.0	15.4	23.0
108	15.5	11.7	17.5



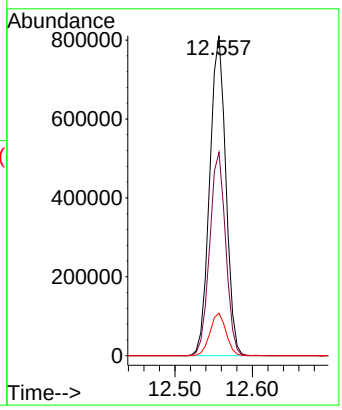


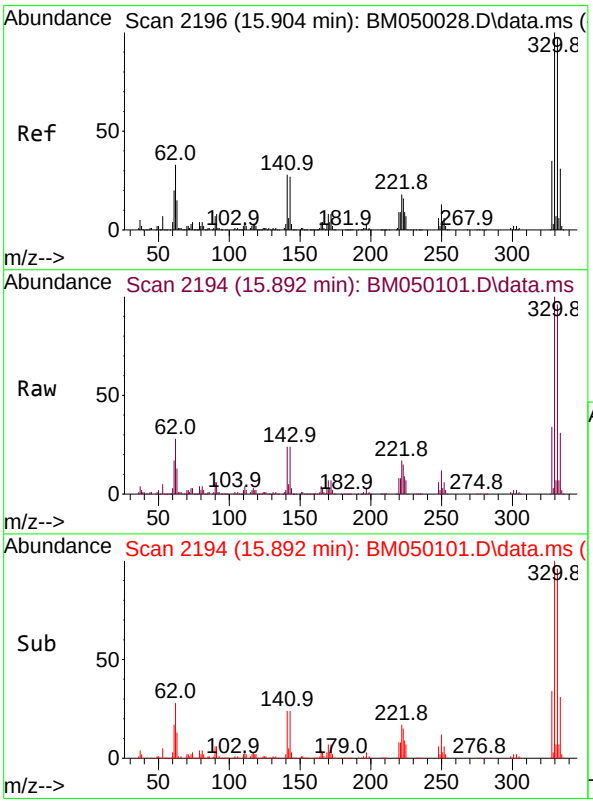
#41
Hexachlorocyclopentadiene
Concen: 84.429 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:237 Resp: 1170193

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.9	82.9
272	13.3	0.0	32.9

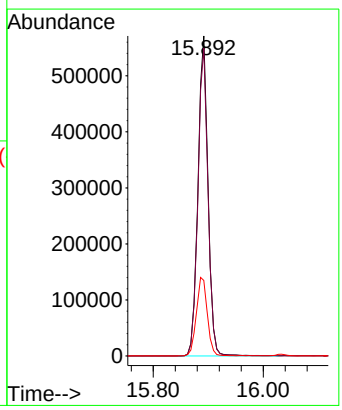


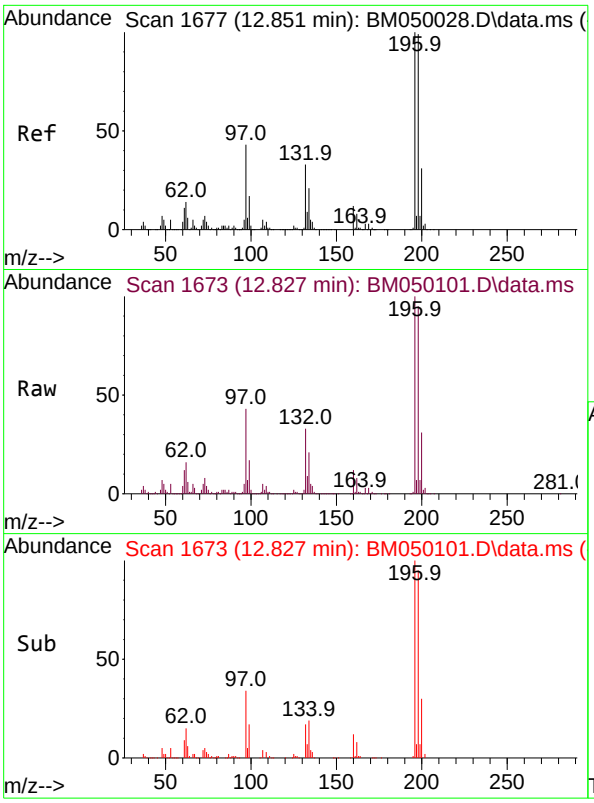


#42
2,4,6-Tribromophenol
Concen: 75.041 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:330 Resp: 726955

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	26.7	22.5	33.7



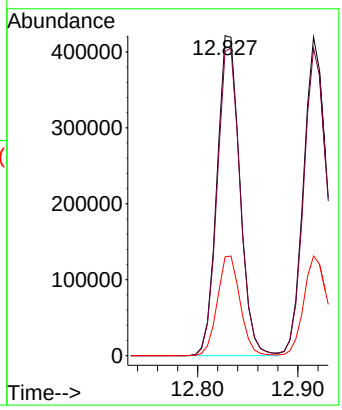


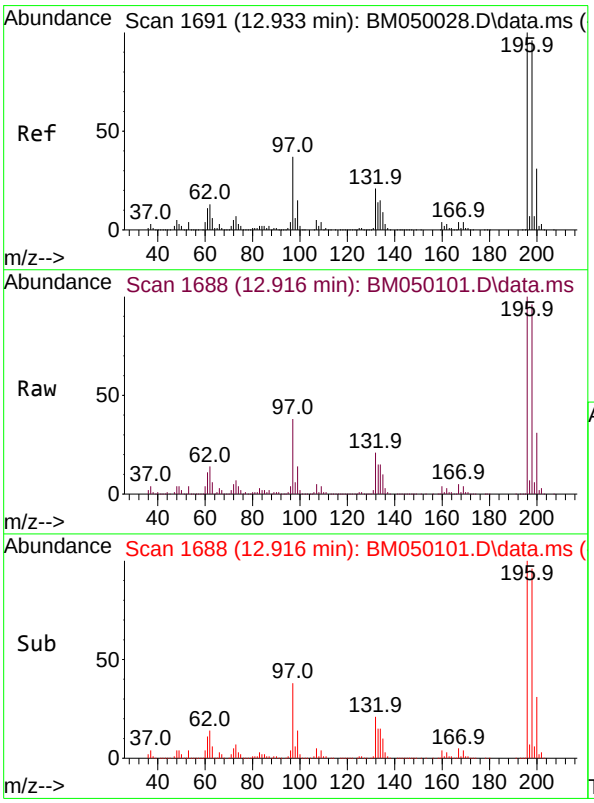
#43
2,4,6-Trichlorophenol
Concen: 46.492 ng
RT: 12.827 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:196 Resp: 668780

Ion	Ratio	Lower	Upper
196	100		
198	95.1	79.0	118.6
200	30.8	25.1	37.7

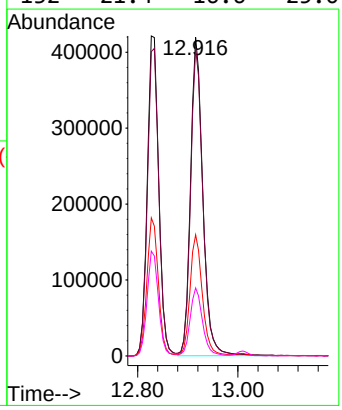


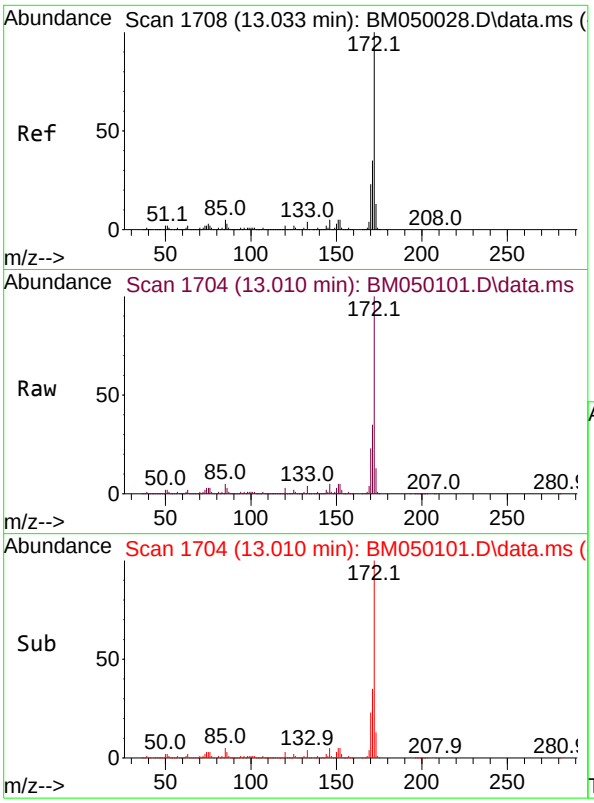


#44
2,4,5-Trichlorophenol
Concen: 46.054 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:196 Resp: 714392

Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.7	115.1
97	38.0	30.1	45.1
132	21.4	16.6	25.0



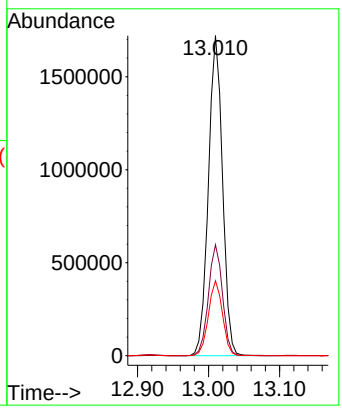


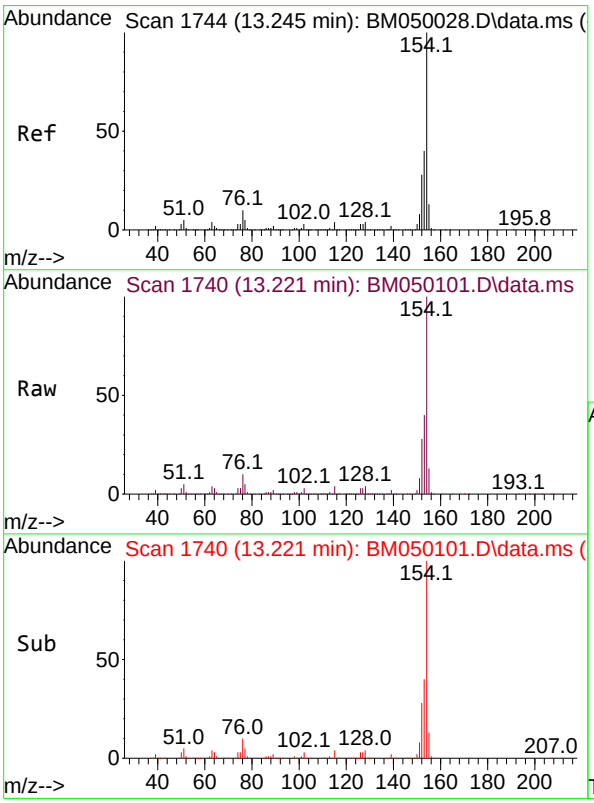
#45
2-Fluorobiphenyl
Concen: 43.028 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:172 Resp: 2382973

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.4	18.6	28.0

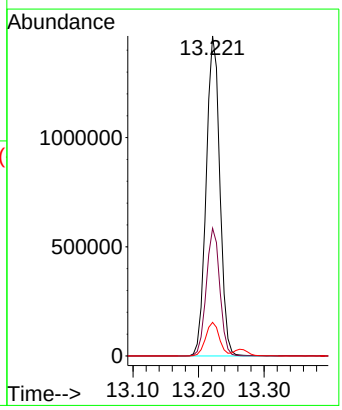


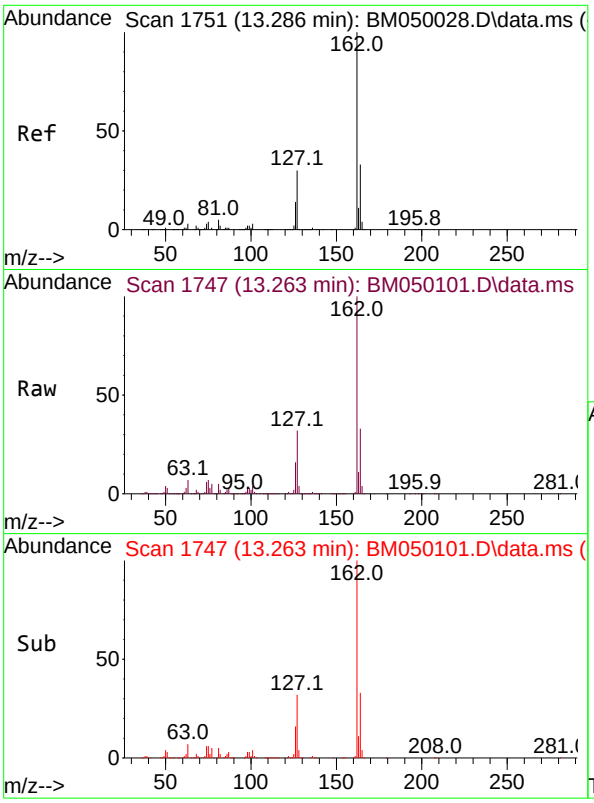


#46
1,1'-Biphenyl
Concen: 43.525 ng
RT: 13.221 min Scan# 1740
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:154 Resp: 2119703

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.0	60.0
76	10.5	0.0	30.3



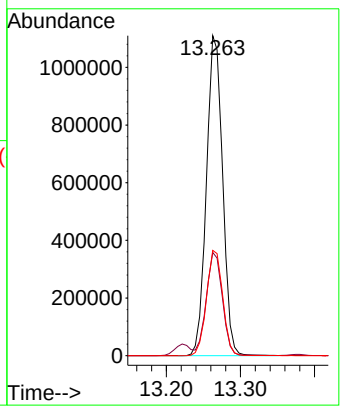


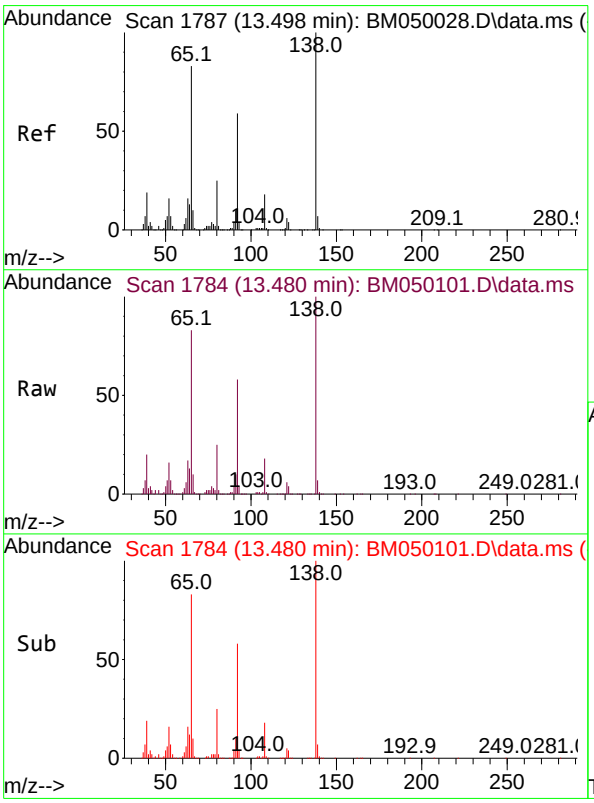
#47
2-Chloronaphthalene
Concen: 43.613 ng
RT: 13.263 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:162 Resp: 1682226

Ion	Ratio	Lower	Upper
162	100		
127	32.3	25.9	38.9
164	32.9	26.6	40.0

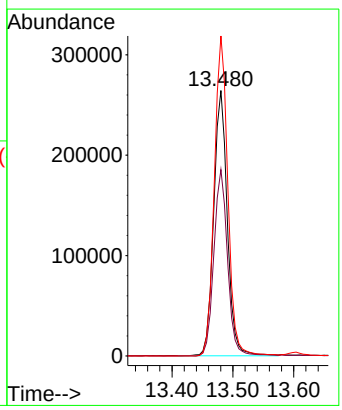


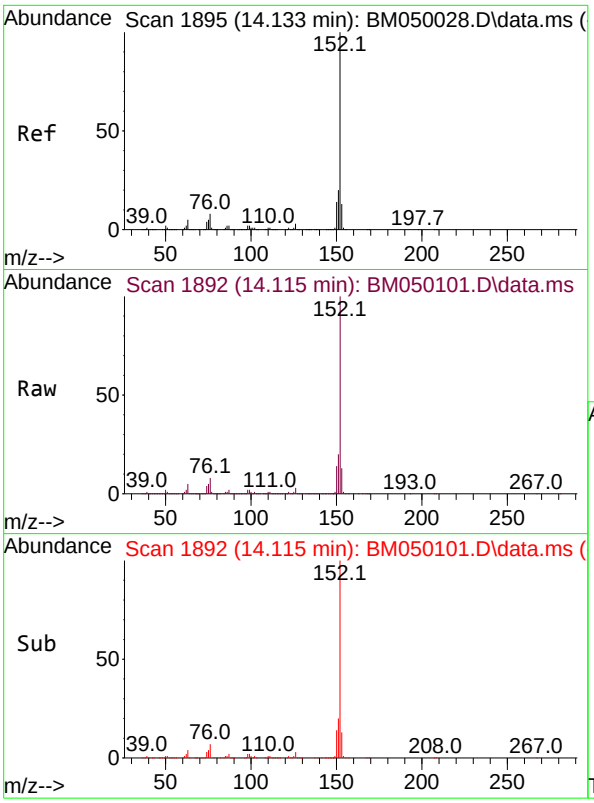


#48
2-Nitroaniline
Concen: 45.305 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion: 65 Resp: 410137

Ion	Ratio	Lower	Upper
65	100		
92	70.2	57.1	85.7
138	120.6	97.0	145.4



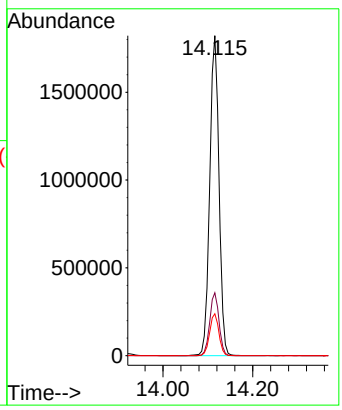


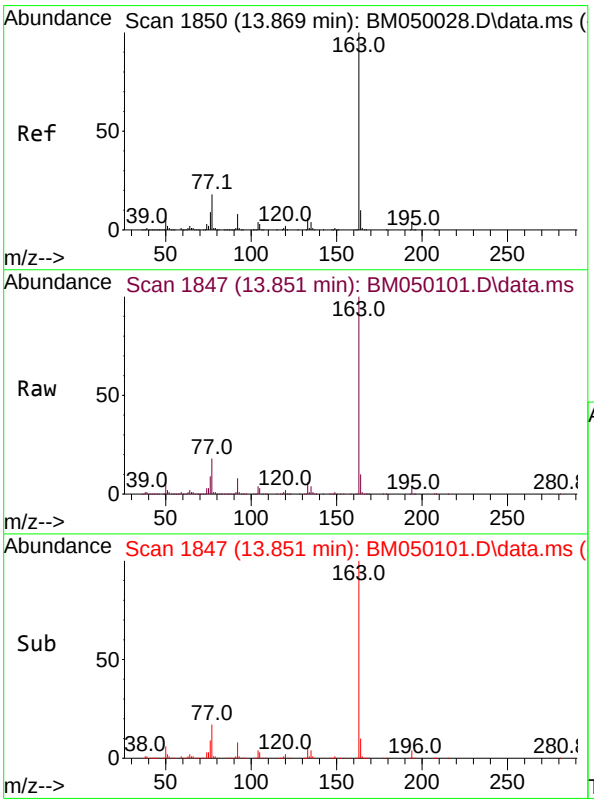
#49
Acenaphthylene
Concen: 42.873 ng
RT: 14.115 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:152 Resp: 2607333

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.6	15.8

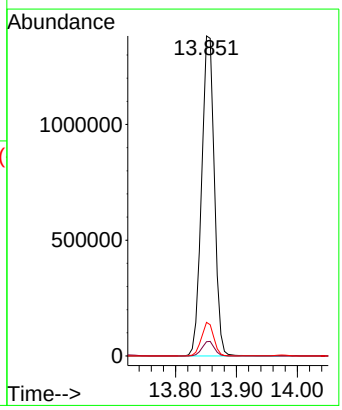


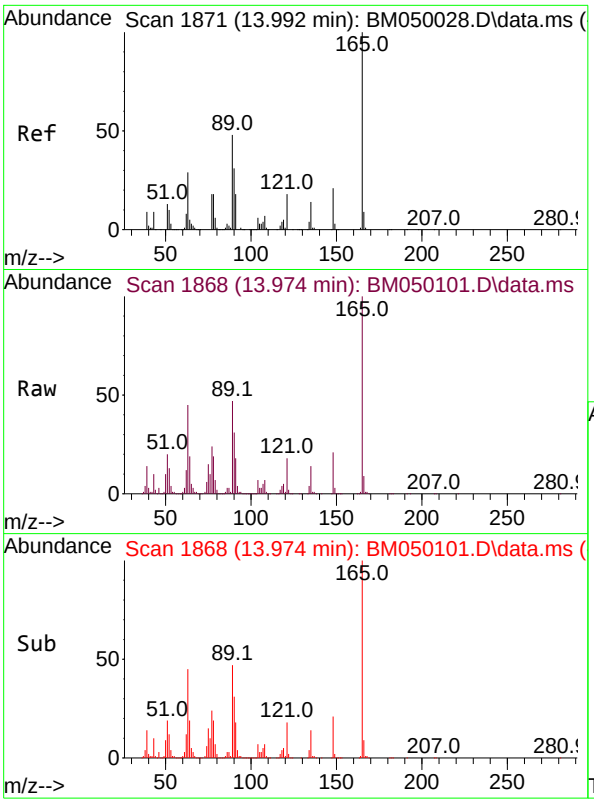


#50
Dimethylphthalate
Concen: 41.950 ng
RT: 13.851 min Scan# 1847
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:163 Resp: 2008543

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.5	8.2	12.2



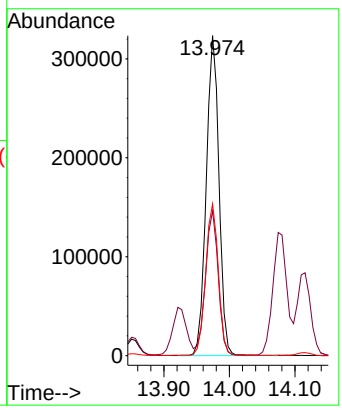


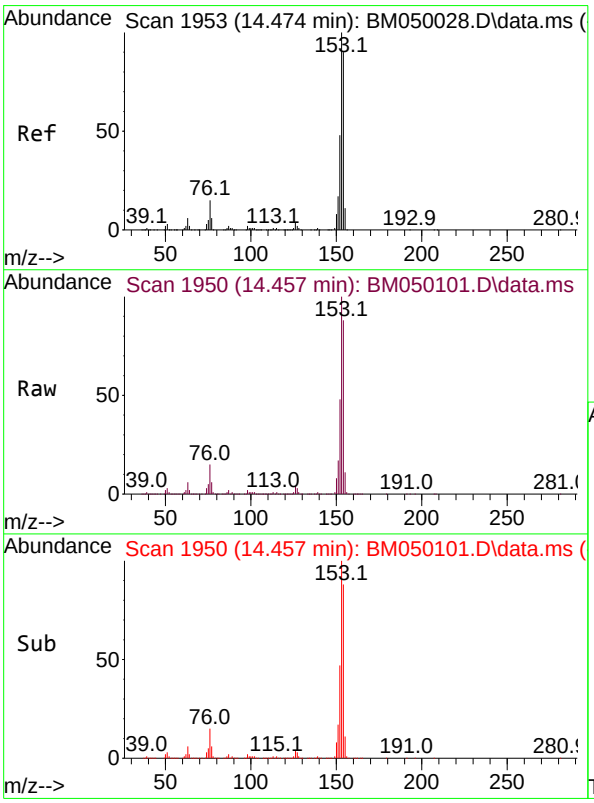
#51
2,6-Dinitrotoluene
Concen: 44.061 ng
RT: 13.974 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:165 Resp: 436791

Ion	Ratio	Lower	Upper
165	100		
63	45.3	35.1	52.7
89	47.4	38.4	57.6

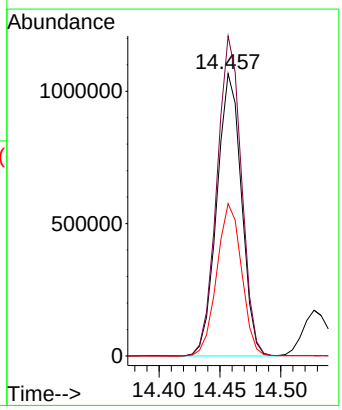


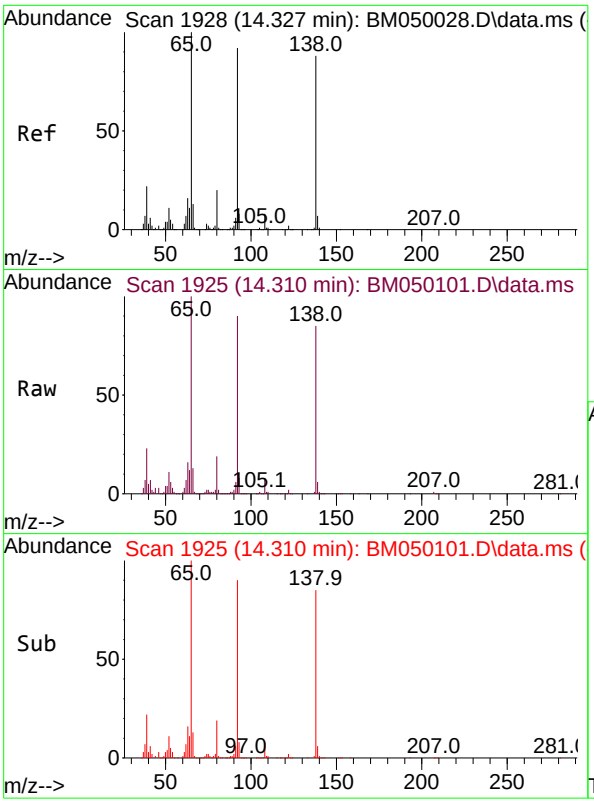


#52
Acenaphthene
Concen: 42.700 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:154 Resp: 1503119

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.0	133.4
152	53.9	43.0	64.6



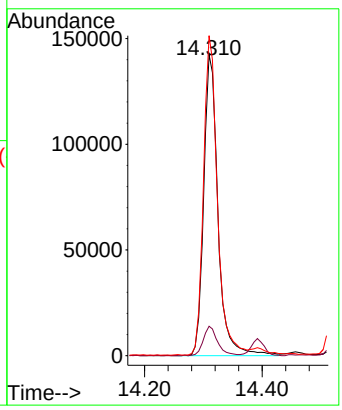


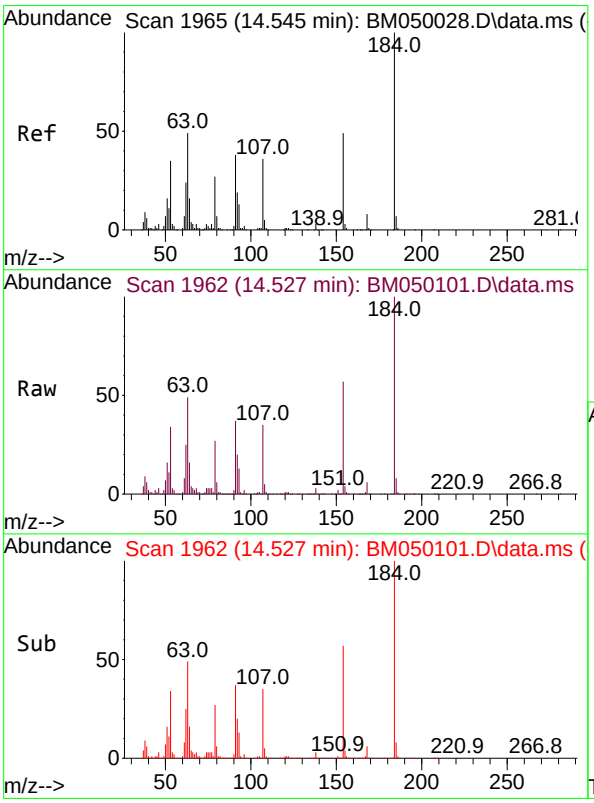
#53
3-Nitroaniline
Concen: 25.431 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:138 Resp: 240688

Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.4	11.2
92	106.3	84.0	126.0

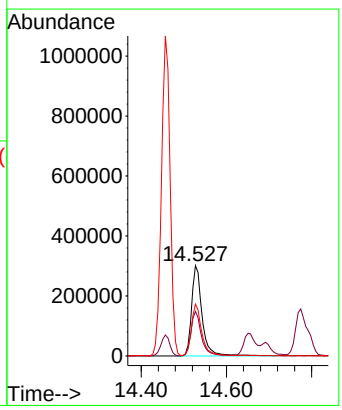


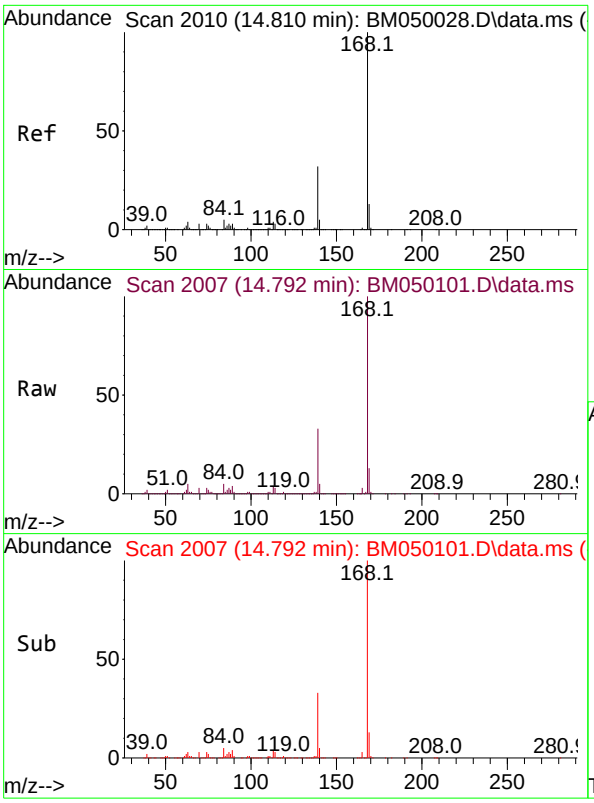


#54
2,4-Dinitrophenol
Concen: 81.228 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:184 Resp: 515925

Ion	Ratio	Lower	Upper
184	100		
63	49.2	39.8	59.6
154	57.3	46.1	69.1



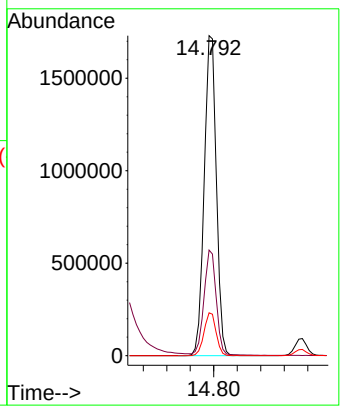


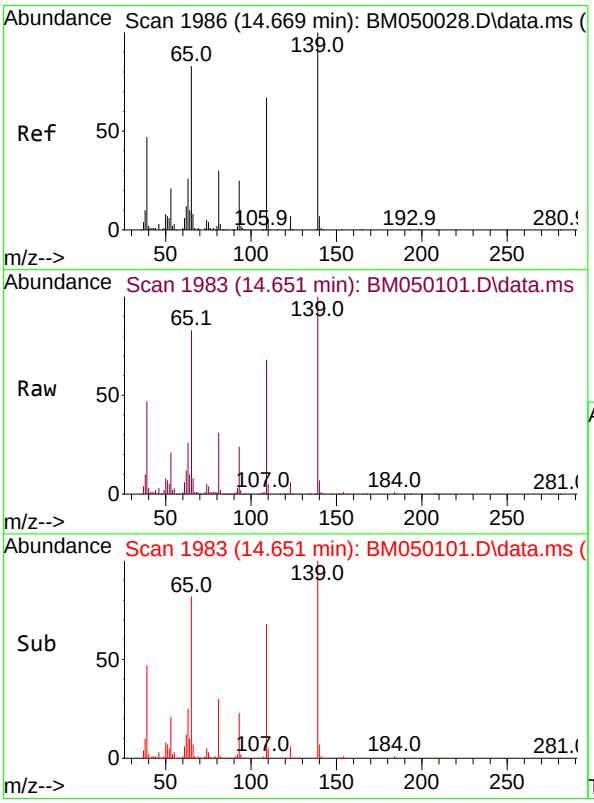
#55
Dibenzofuran
Concen: 42.175 ng
RT: 14.792 min Scan# 2(
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:168 Resp: 2470123

Ion	Ratio	Lower	Upper
168	100		
139	33.0	26.1	39.1
169	13.4	10.8	16.2

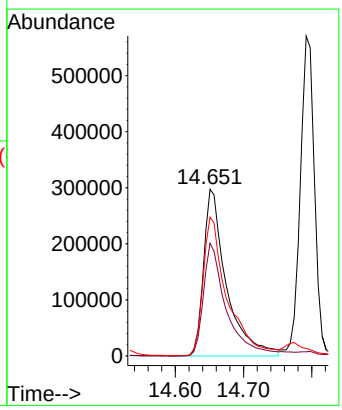


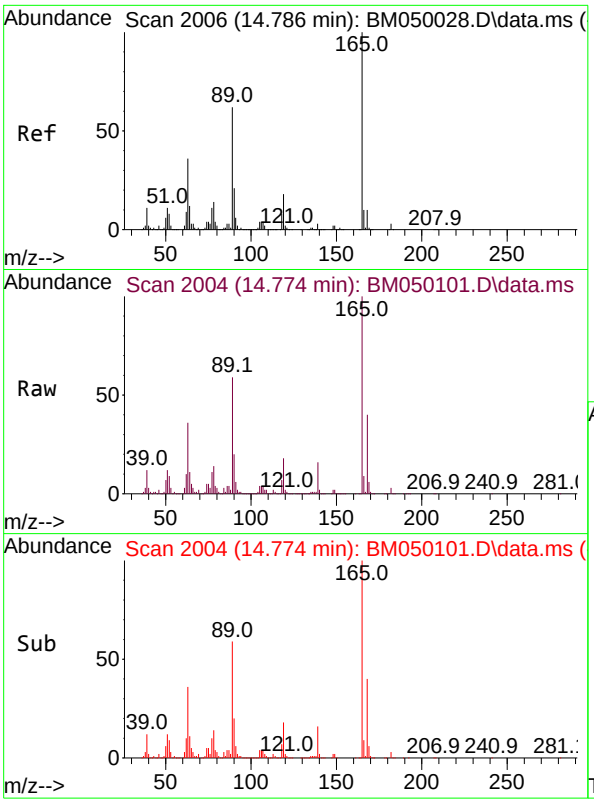


#56
4-Nitrophenol
Concen: 89.330 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:139 Resp: 692129

Ion	Ratio	Lower	Upper
139	100		
109	67.6	47.0	87.0
65	83.3	64.3	104.3



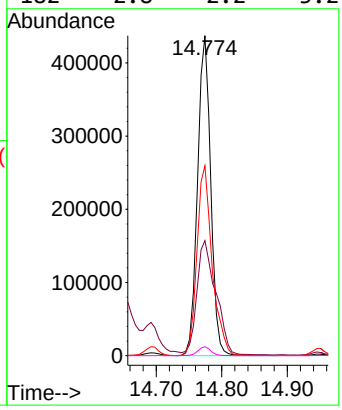


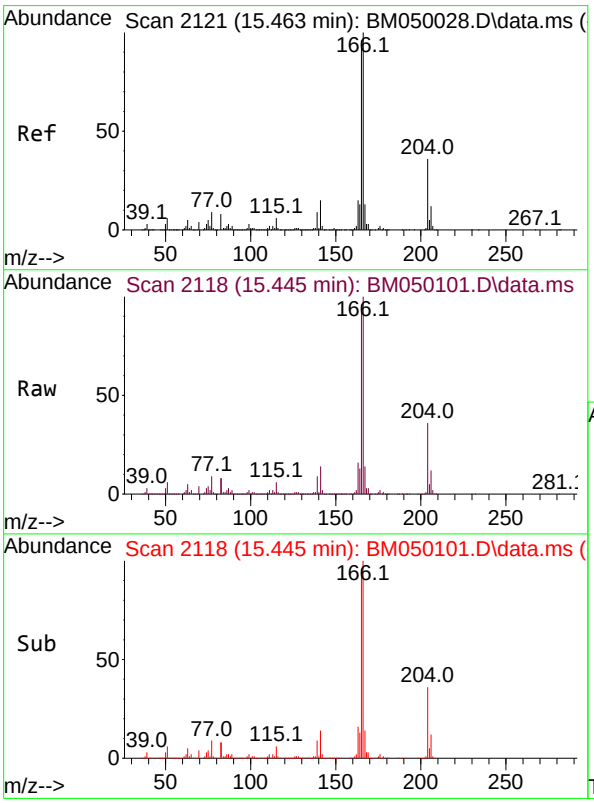
#57
2,4-Dinitrotoluene
Concen: 44.730 ng
RT: 14.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:165 Resp: 612717

Ion	Ratio	Lower	Upper
165	100		
63	35.9	29.0	43.6
89	59.4	49.4	74.2
182	2.8	2.2	3.2

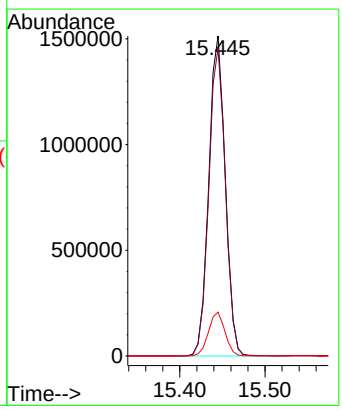


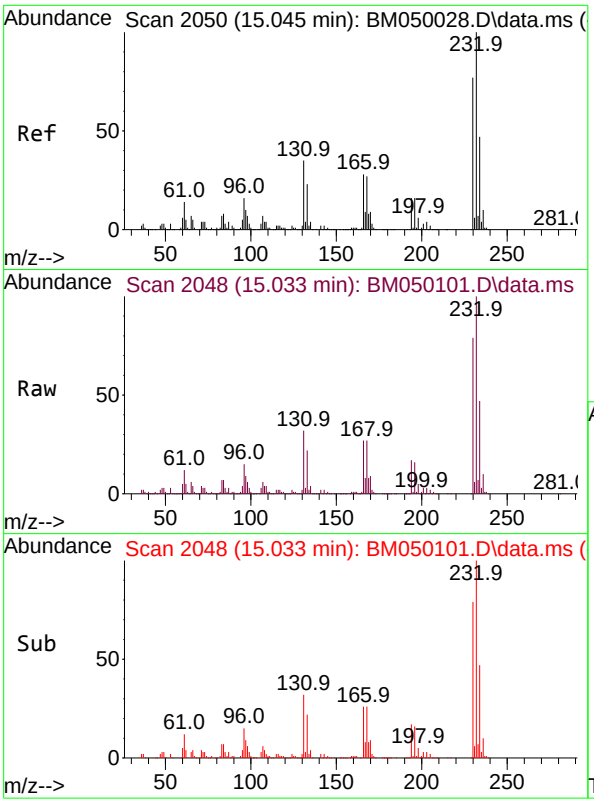


#58
Fluorene
Concen: 42.517 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:166 Resp: 2038230

Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.6	115.0
167	13.7	10.6	16.0



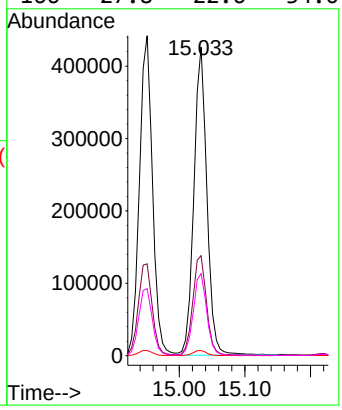


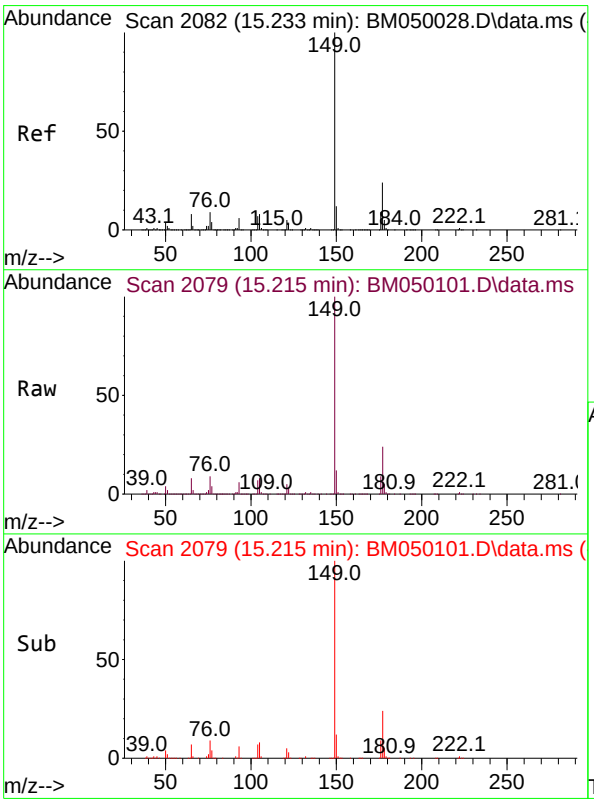
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.774 ng
RT: 15.033 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:232 Resp: 587763

Ion	Ratio	Lower	Upper
232	100		
131	34.4	28.2	42.4
130	1.7	1.5	2.3
166	27.8	22.6	34.0

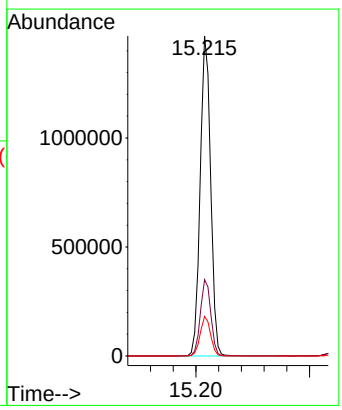


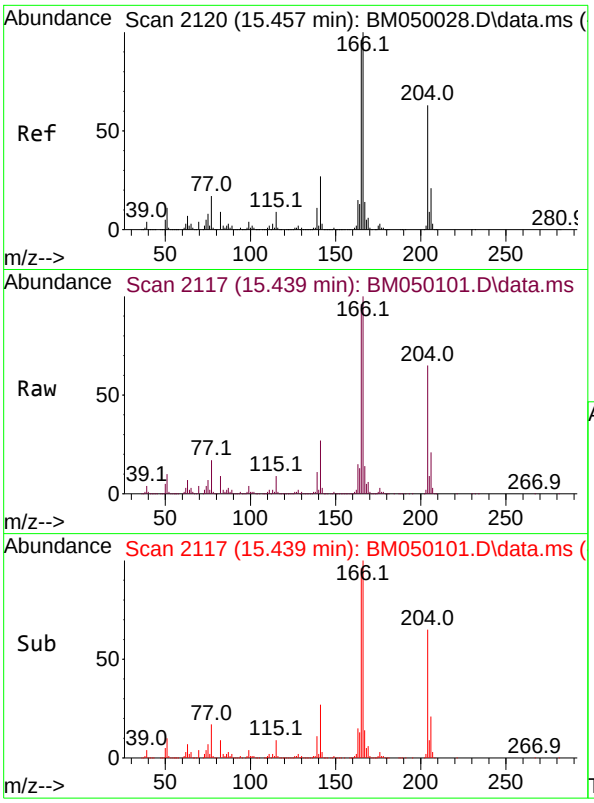


#60
Diethylphthalate
Concen: 41.441 ng
RT: 15.215 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:149 Resp: 1869621

Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	12.3	9.6	14.4



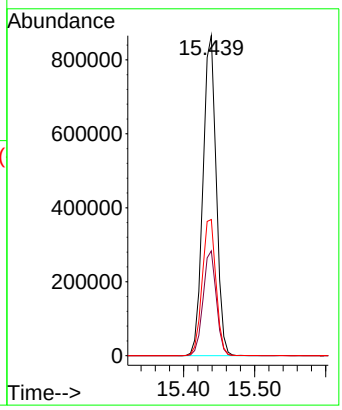


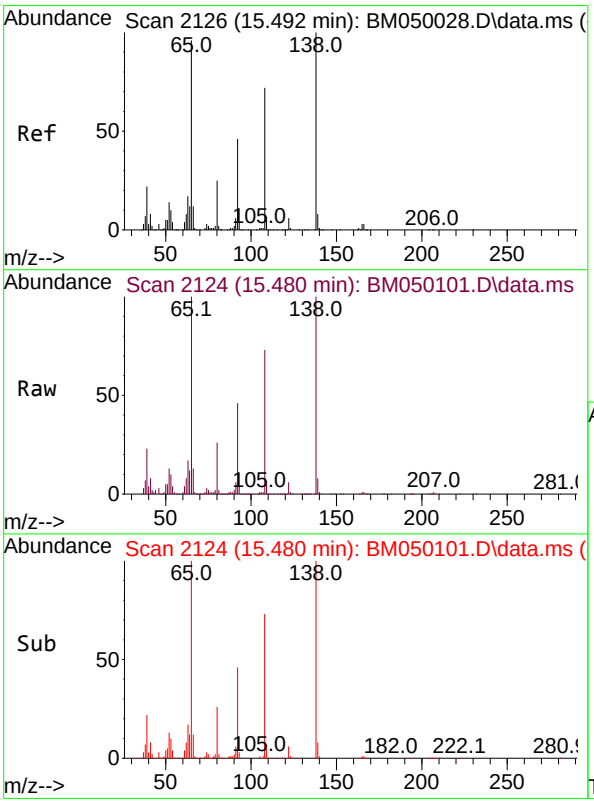
#61
4-Chlorophenyl-phenylether
Concen: 42.701 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:204 Resp: 1124376

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	42.5	34.0	51.0

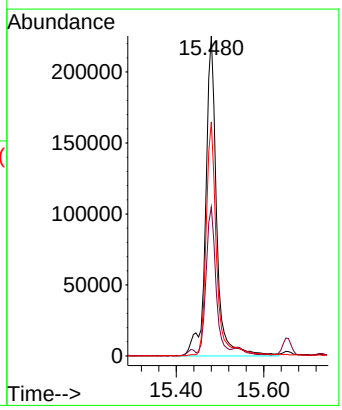


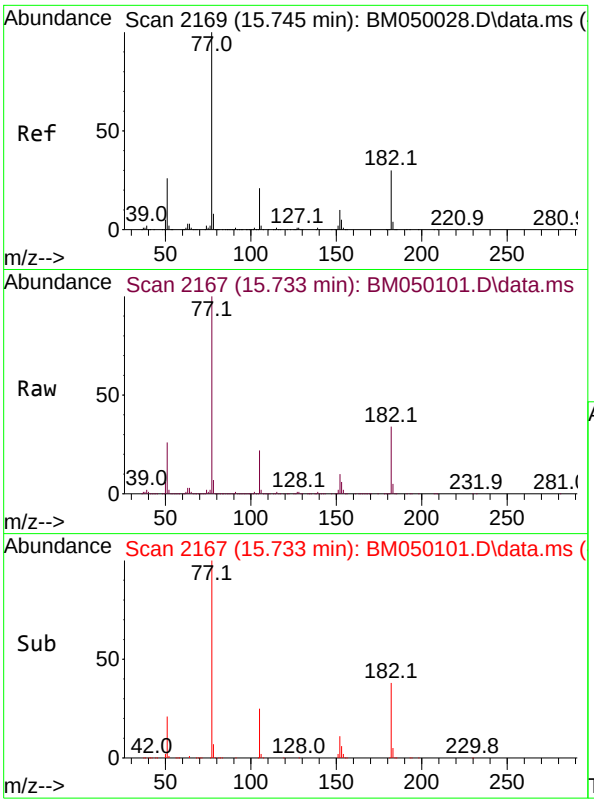


#62
4-Nitroaniline
Concen: 43.165 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:138 Resp: 394156

Ion	Ratio	Lower	Upper
138	100		
92	46.6	25.9	65.9
108	73.1	52.4	92.4



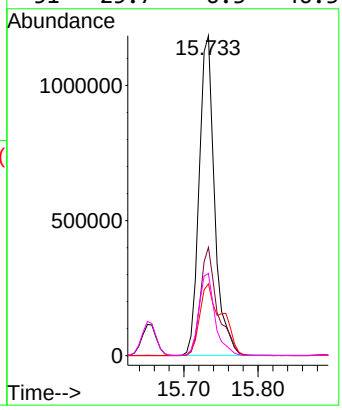


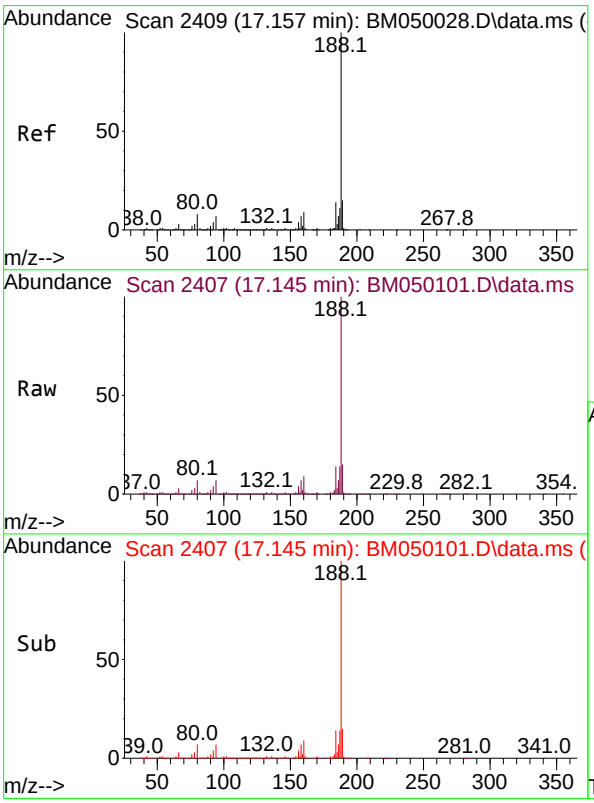
#63
Azobenzene
Concen: 45.362 ng
RT: 15.733 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion: 77 Resp: 1715145

Ion	Ratio	Lower	Upper
77	100		
182	33.9	10.5	50.5
105	22.5	1.1	41.1
51	25.7	6.3	46.3

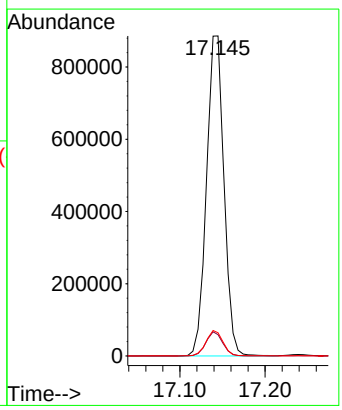


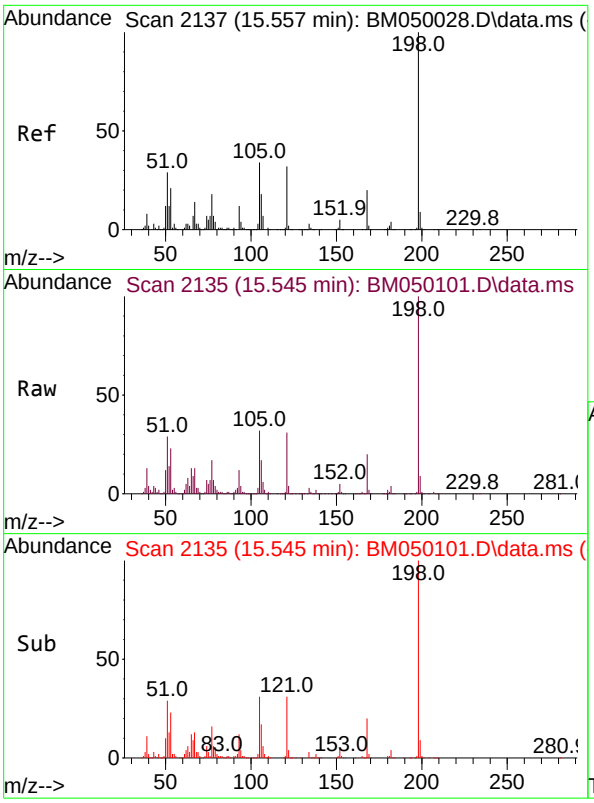


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:188 Resp: 1260856

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.7	8.5
80	7.2	6.2	9.4



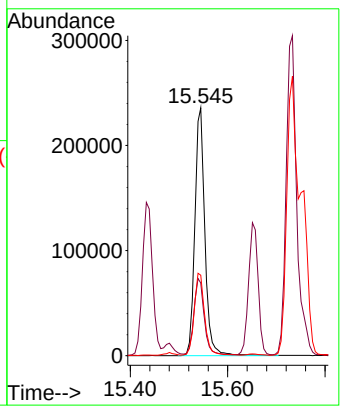


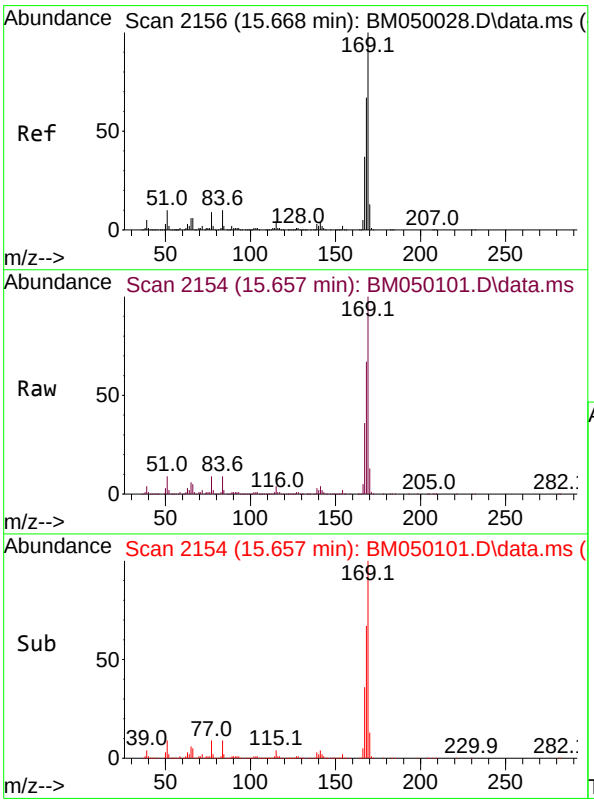
#65
4,6-Dinitro-2-methylphenol
Concen: 42.967 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:198 Resp: 339117

Ion	Ratio	Lower	Upper
198	100		
51	29.3	10.4	50.4
105	32.5	14.6	54.6

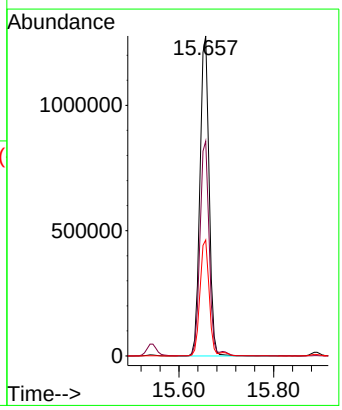


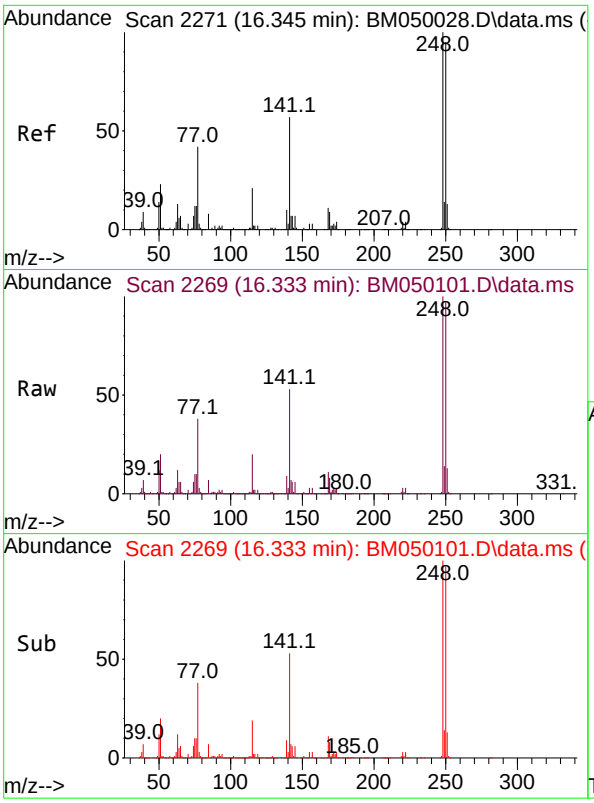


#66
n-Nitrosodiphenylamine
Concen: 43.928 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:169 Resp: 1700792

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.4	80.2
167	36.3	29.4	44.0



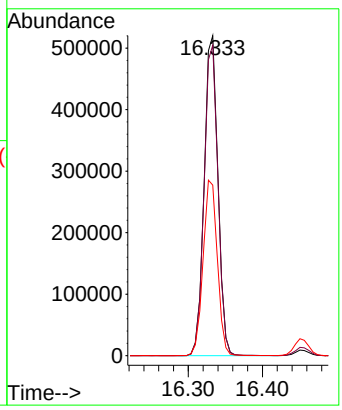


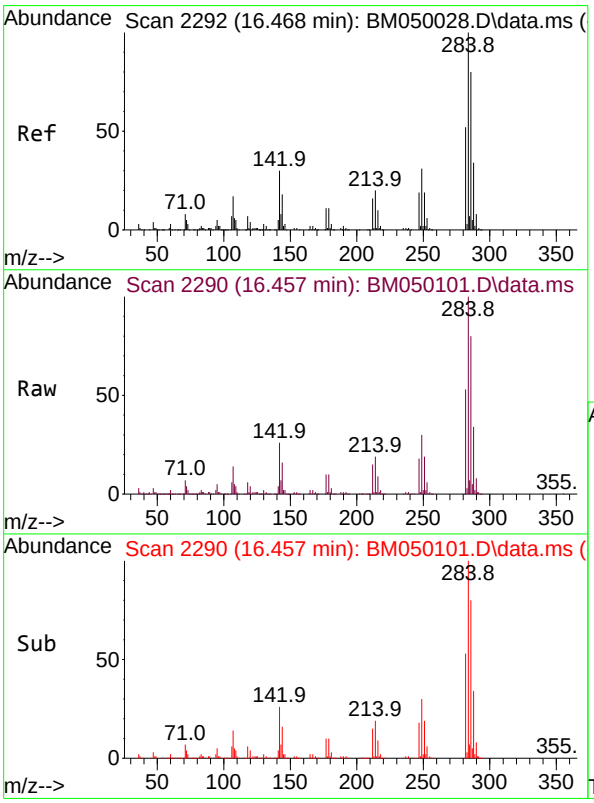
#67
4-Bromophenyl-phenylether
Concen: 44.187 ng
RT: 16.333 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:248 Resp: 673722

Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.2	114.2
141	53.3	45.9	68.9

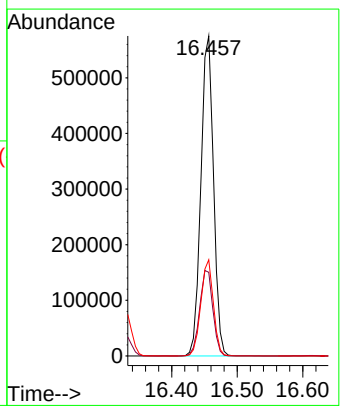


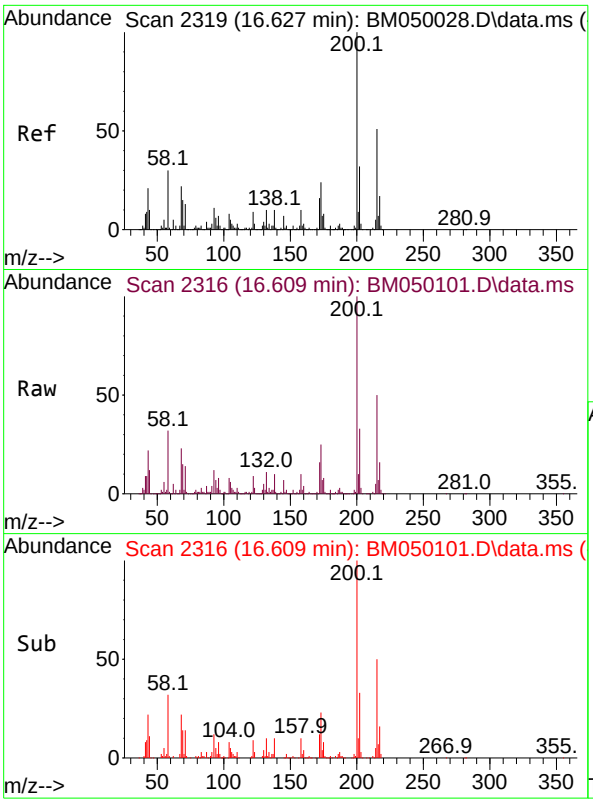


#68
Hexachlorobenzene
Concen: 43.936 ng
RT: 16.457 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:284 Resp: 772197

Ion	Ratio	Lower	Upper
284	100		
142	26.2	23.9	35.9
249	30.0	24.5	36.7



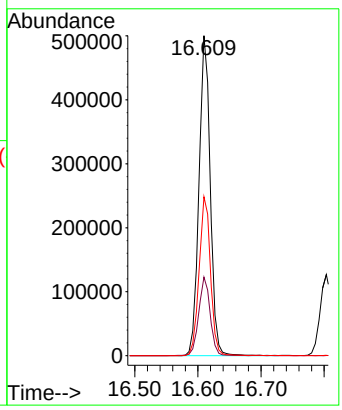


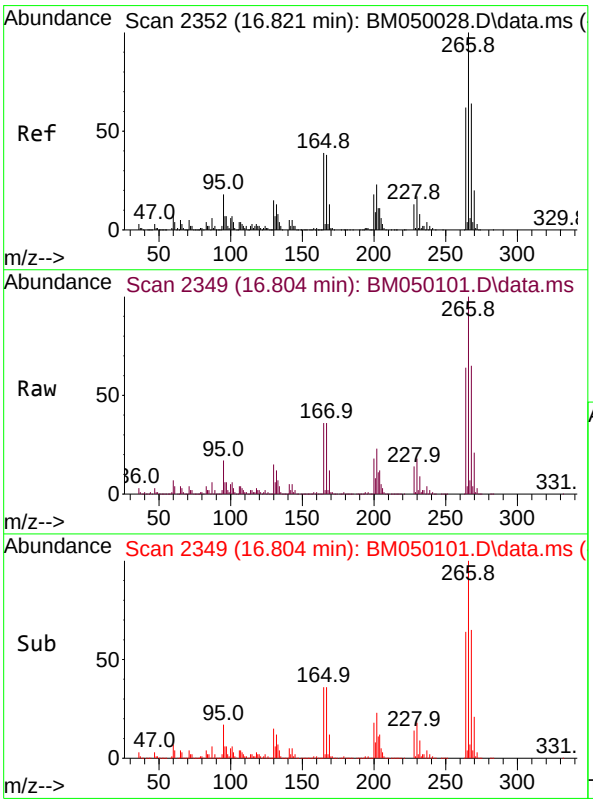
#69
Atrazine
Concen: 44.447 ng
RT: 16.609 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:200 Resp: 620736

Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.3	44.3
215	49.6	30.6	70.6

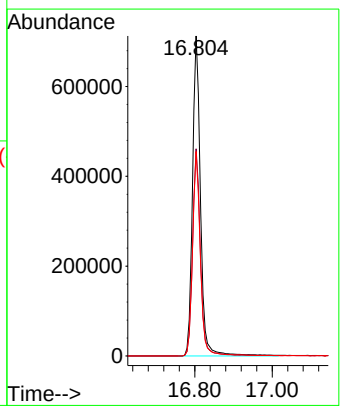


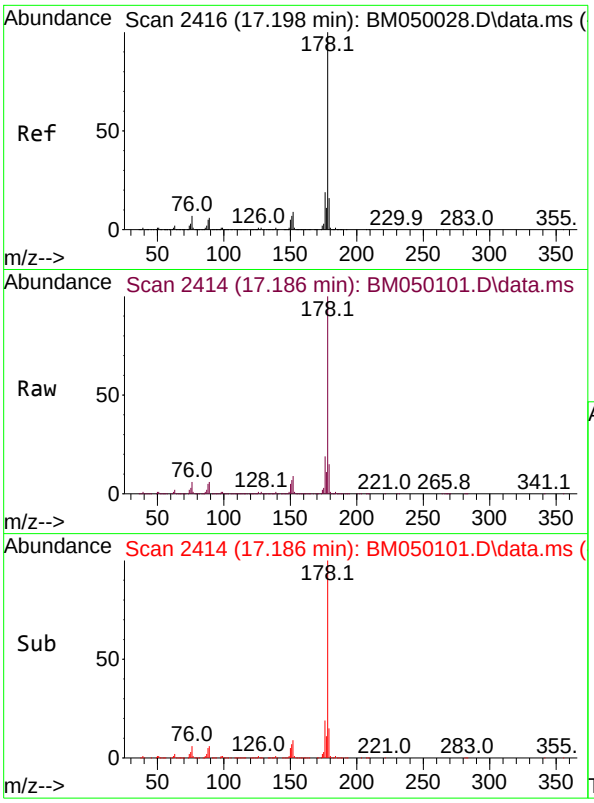


#70
Pentachlorophenol
Concen: 103.226 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.017 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:266 Resp: 1021224

Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.2	76.8
264	63.9	49.6	74.4



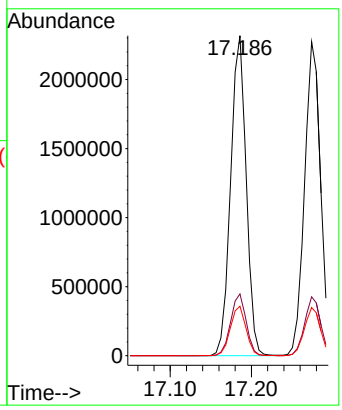


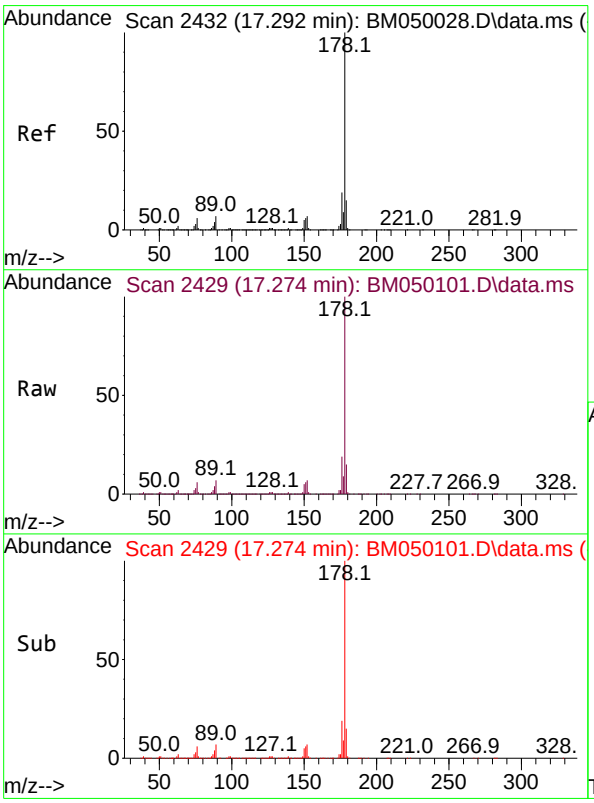
#71
Phenanthrene
Concen: 43.341 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:178 Resp: 3082125

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.4	12.4	18.6

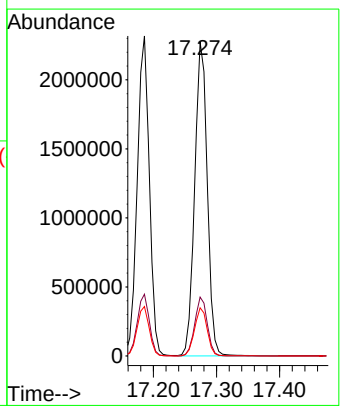


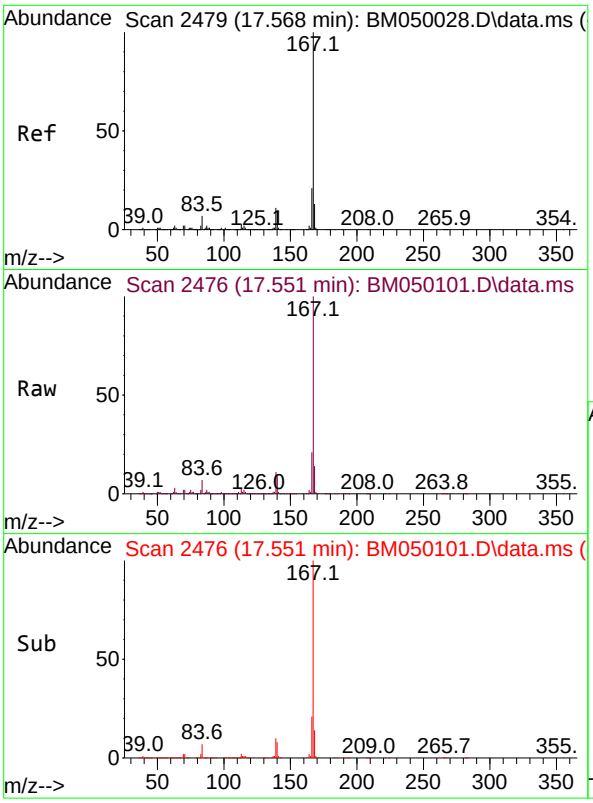


#72
Anthracene
Concen: 43.650 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:178 Resp: 3141350

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.4	12.2	18.4



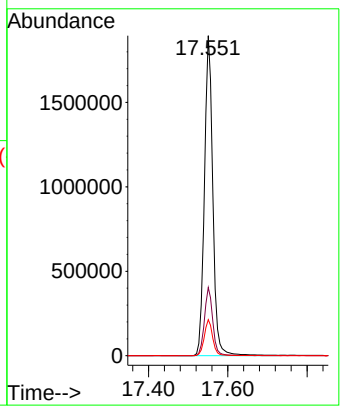


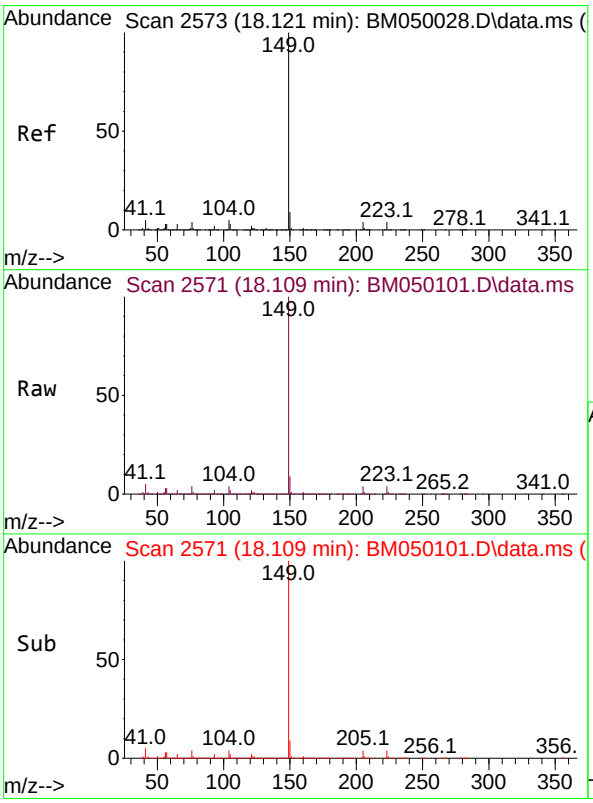
#73
Carbazole
Concen: 44.720 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:167 Resp: 2792713

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	11.3	9.0	13.6

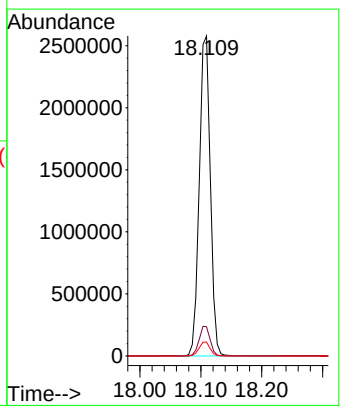


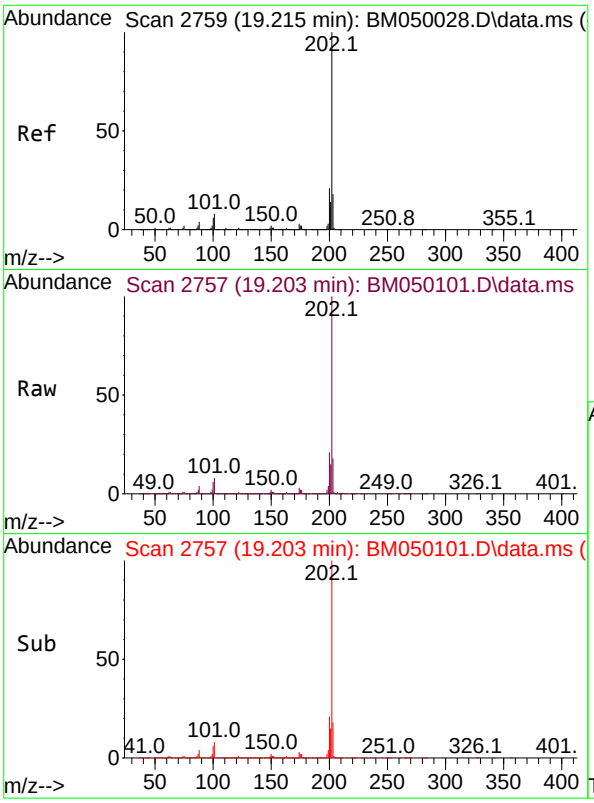


#74
Di-n-butylphthalate
Concen: 43.482 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:149 Resp: 3233710

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.4	3.8	5.6



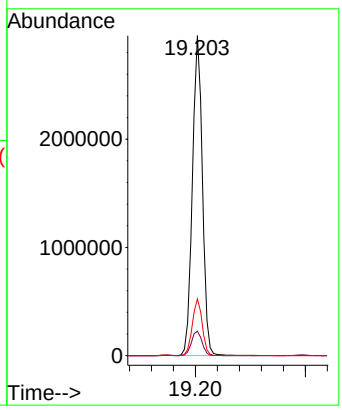


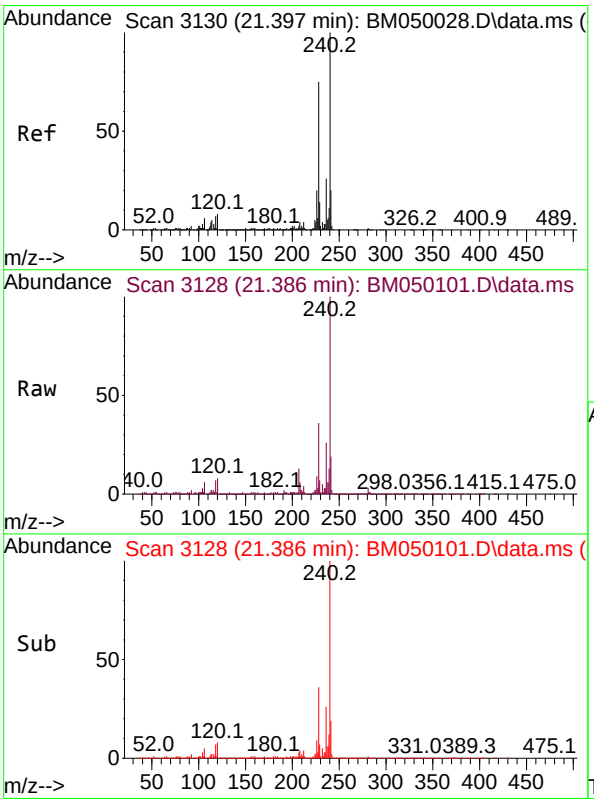
#75
Fluoranthene
Concen: 44.583 ng
RT: 19.203 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:202 Resp: 3722333

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.0
203	17.8	0.0	37.7

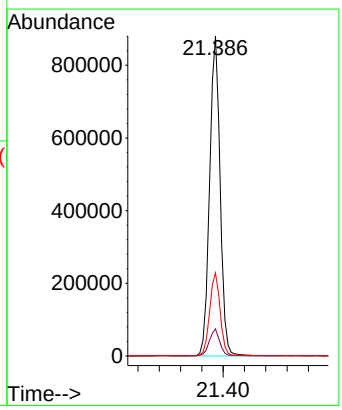


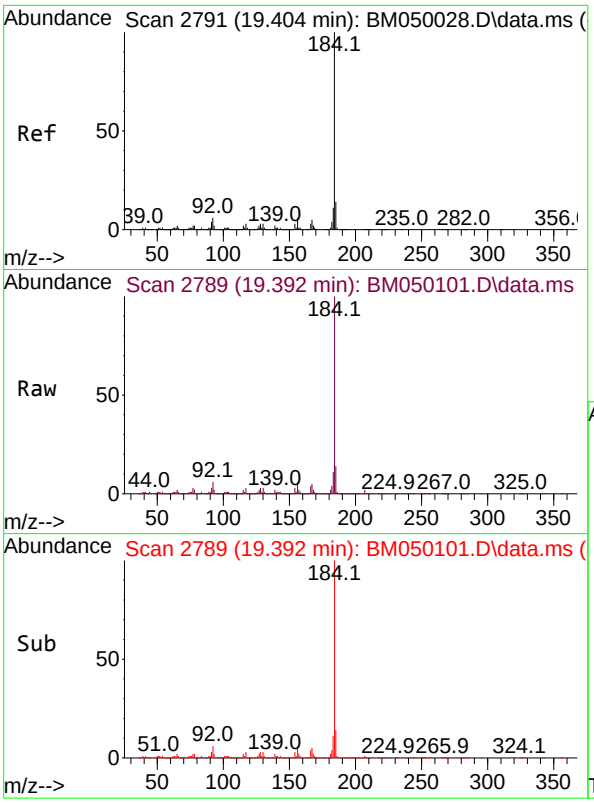


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:240 Resp: 1205722

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.5	9.7
236	26.0	20.9	31.3



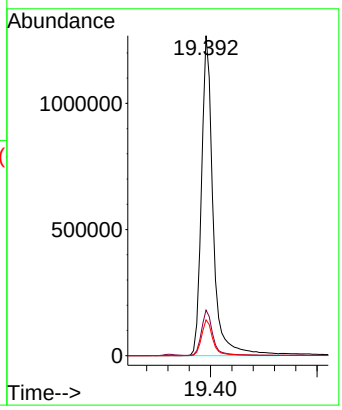


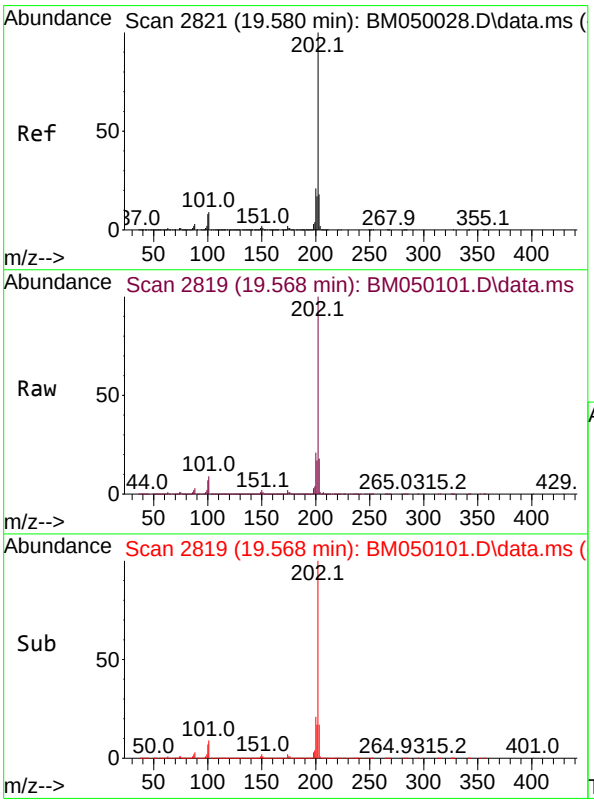
#77
Benzidine
Concen: 44.830 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:184 Resp: 1919998

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	11.2	8.9	13.3

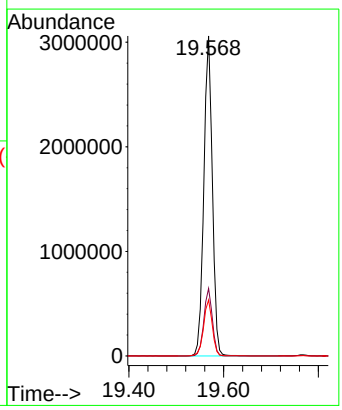


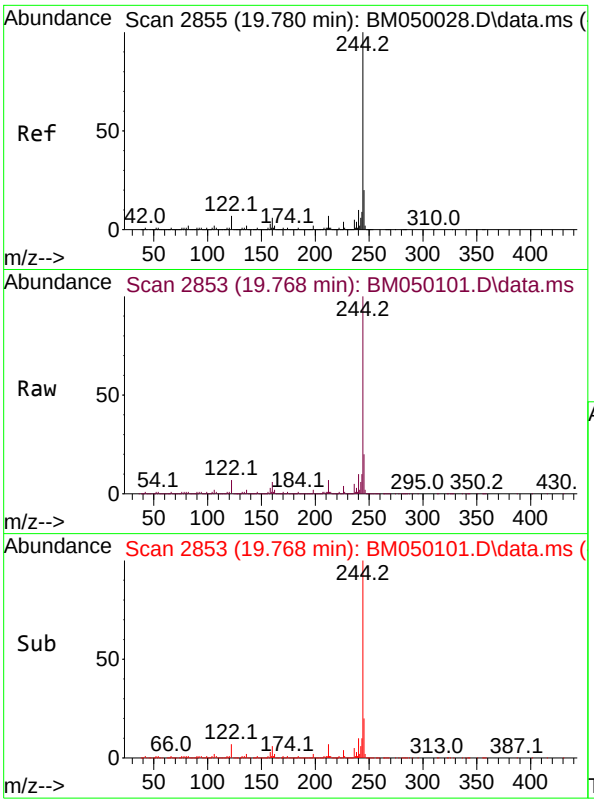


#78
Pyrene
Concen: 45.063 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:202 Resp: 3815439

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.5	14.1	21.1



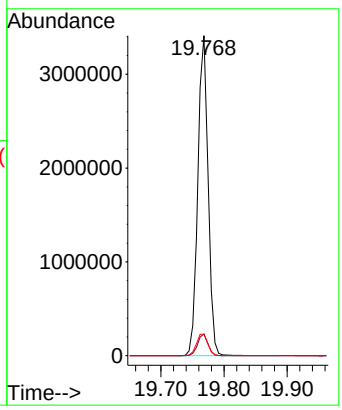


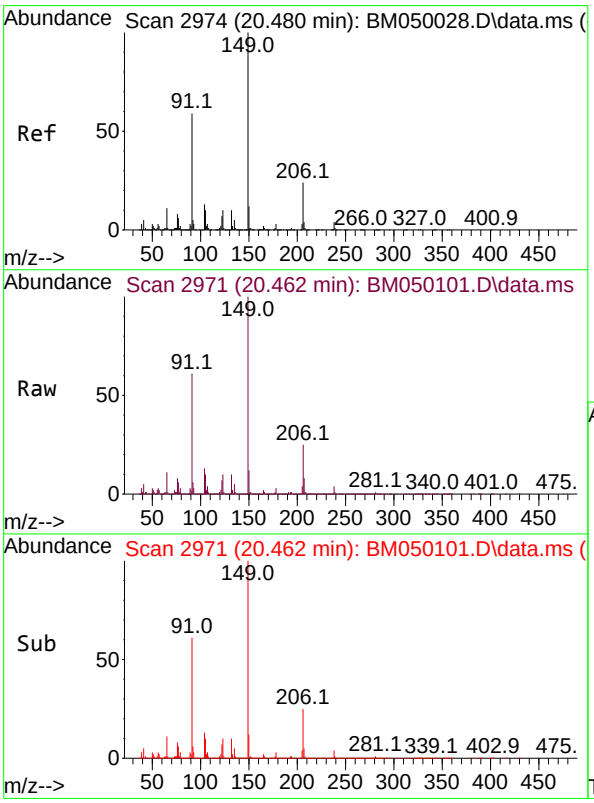
#79
Terphenyl-d14
Concen: 47.154 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:244 Resp: 3842218

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	6.7	5.6	8.4

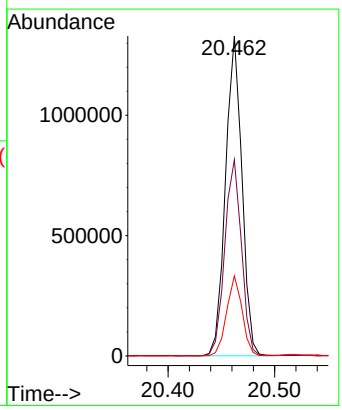


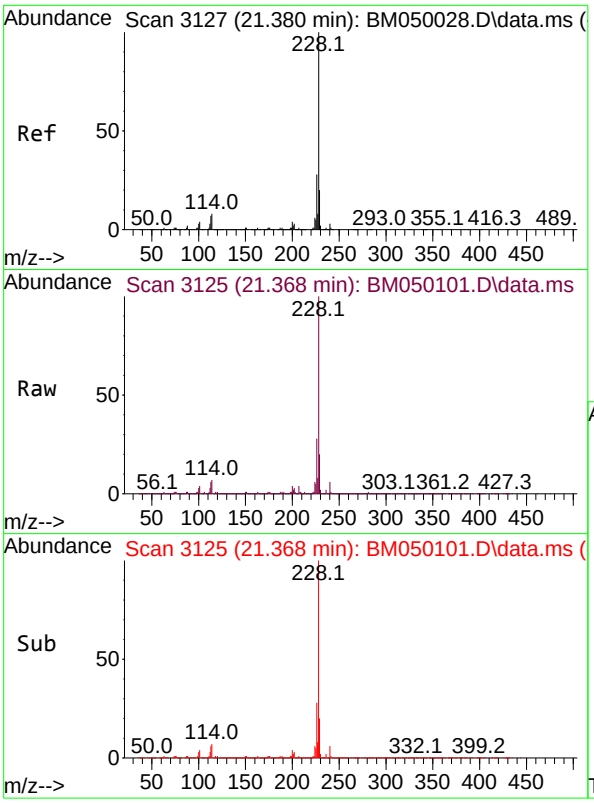


#80
Butylbenzylphthalate
Concen: 44.675 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:149 Resp: 1416730

Ion	Ratio	Lower	Upper
149	100		
91	61.3	47.4	71.2
206	25.0	19.4	29.0



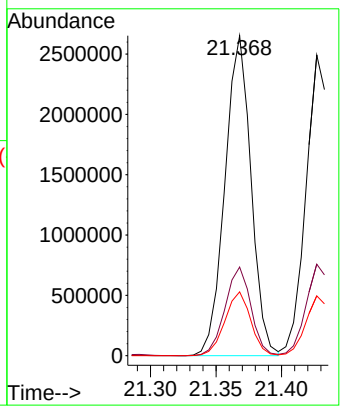


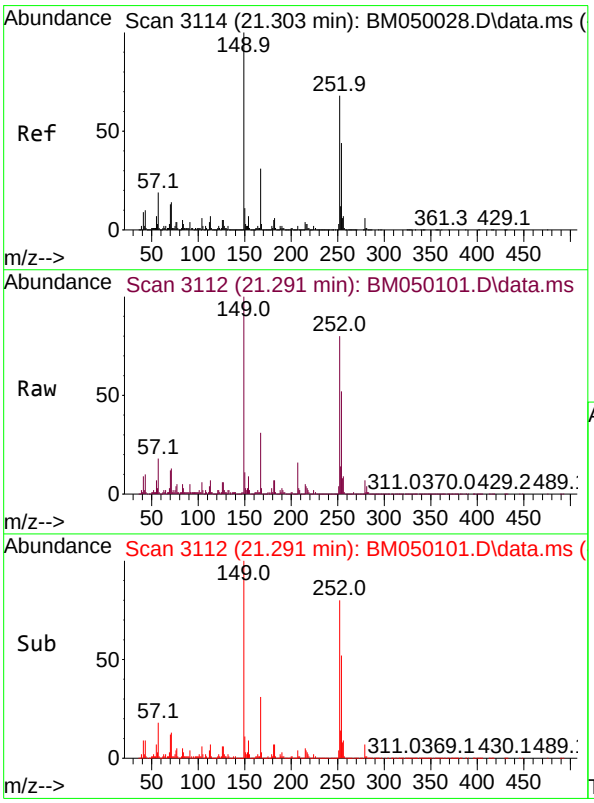
#81
Benzo(a)anthracene
Concen: 44.223 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:228 Resp: 3671788

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.9	15.7	23.5

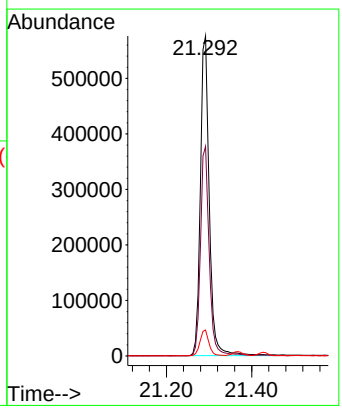


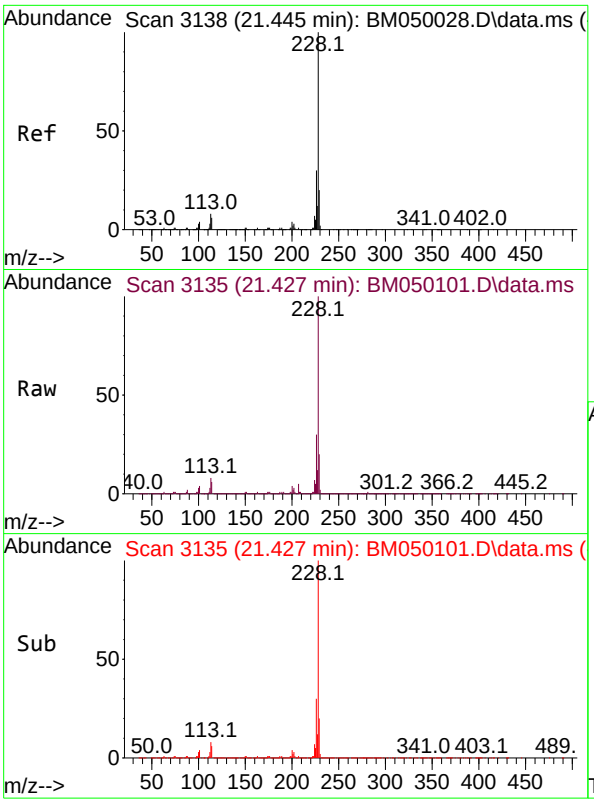


#82
3,3'-Dichlorobenzidine
Concen: 26.251 ng
RT: 21.291 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:252 Resp: 834376

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.8	77.6
126	8.1	6.0	9.0



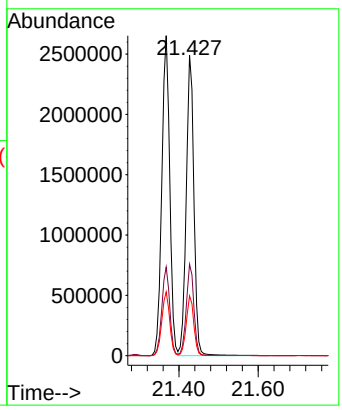


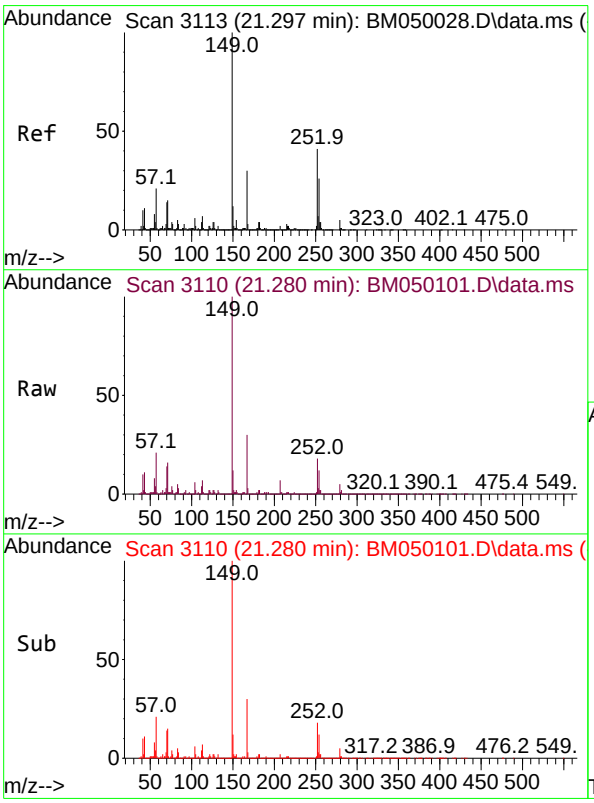
#83
Chrysene
Concen: 43.557 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:228 Resp: 3347188

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.9	15.7	23.5

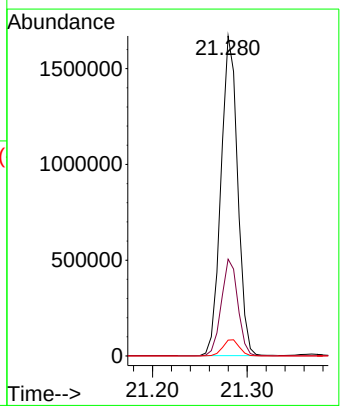


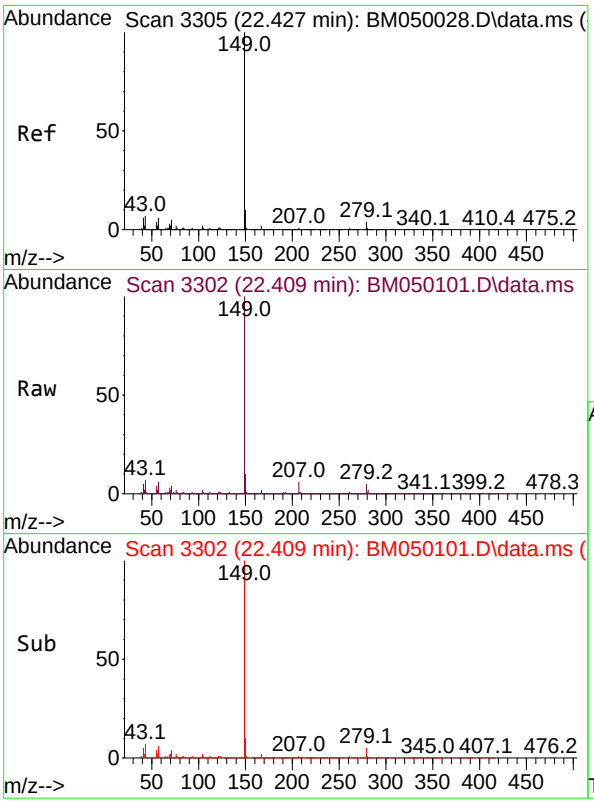


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.228 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:149 Resp: 2047604

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.1	36.1
279	5.0	3.9	5.9



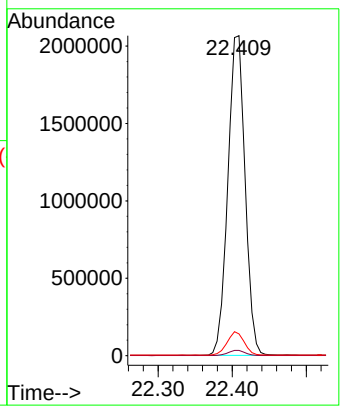


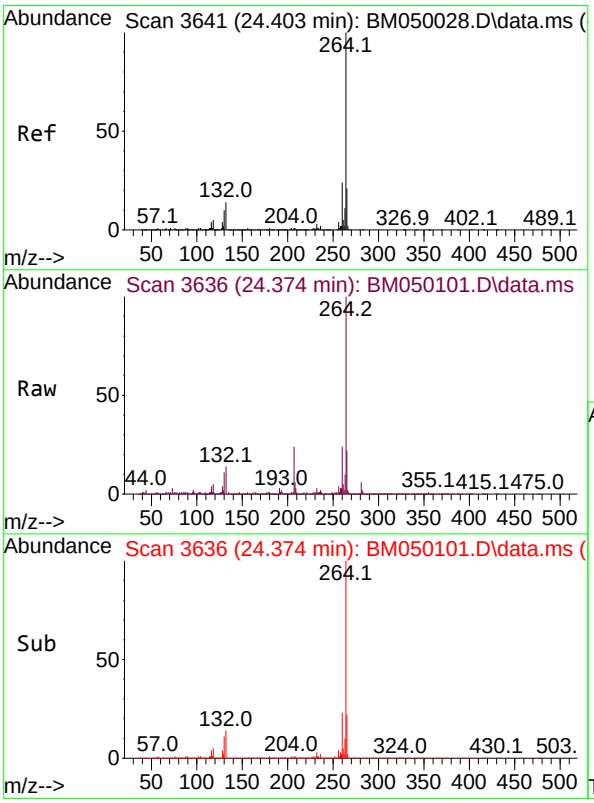
#85
Di-n-octyl phthalate
Concen: 42.694 ng
RT: 22.409 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:149 Resp: 3335016

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.8

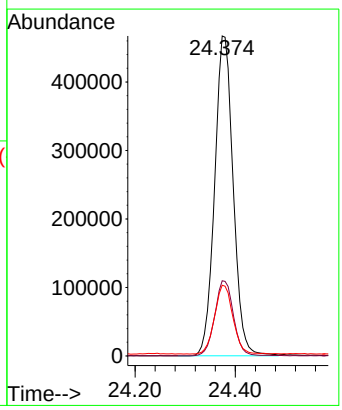


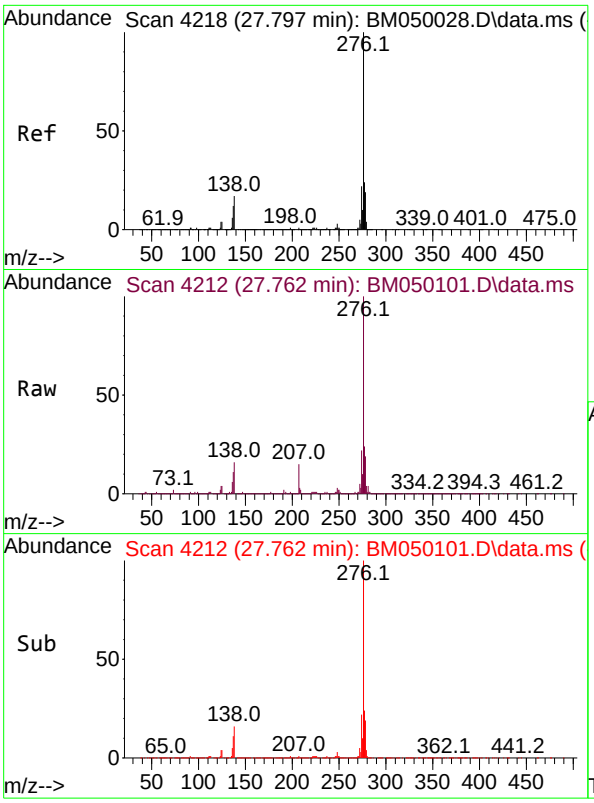


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.030 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:264 Resp: 1198695

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.1	17.0	25.4



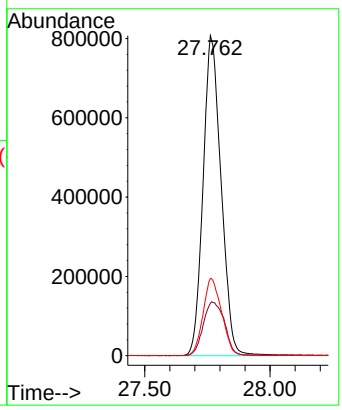


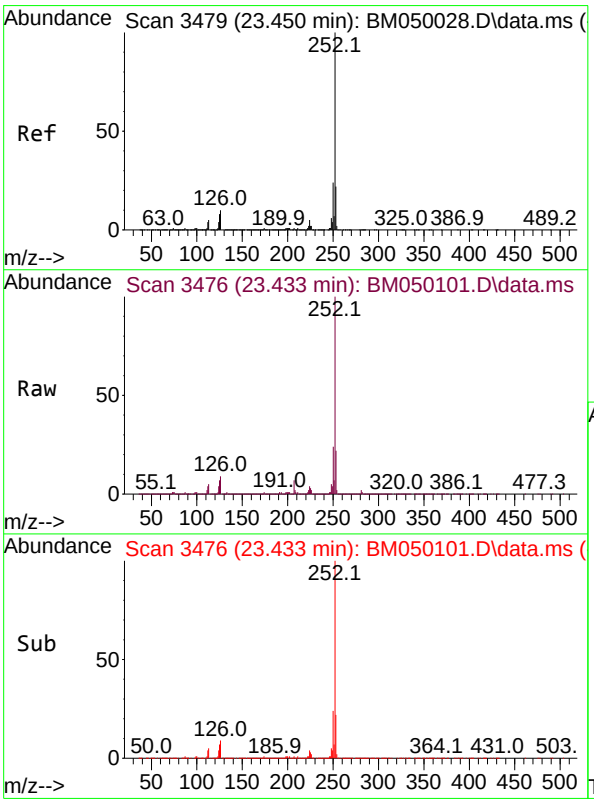
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.013 ng
RT: 27.762 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:276 Resp: 4020492

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.4	24.6
277	24.9	19.8	29.8

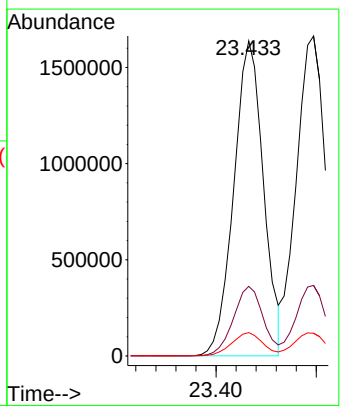


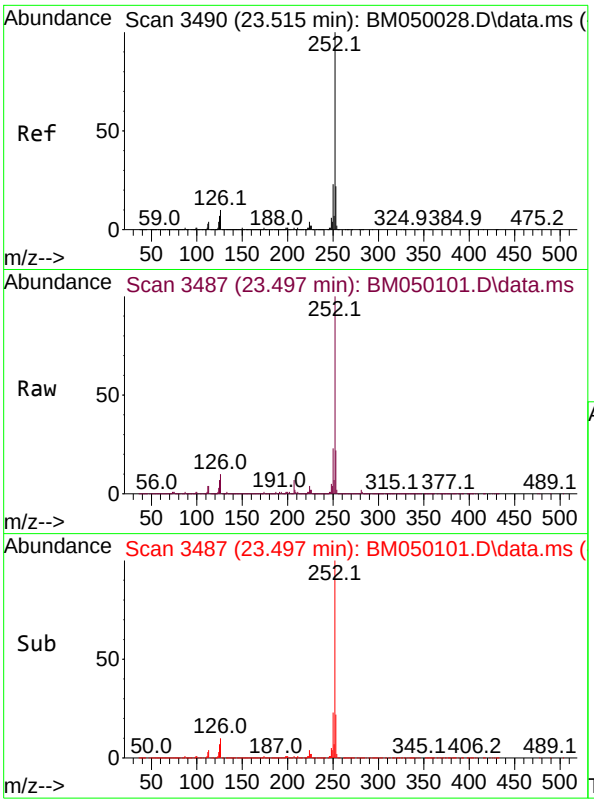


#88
Benzo(b)fluoranthene
Concen: 43.199 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:252 Resp: 3367561

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	7.4	6.1	9.1



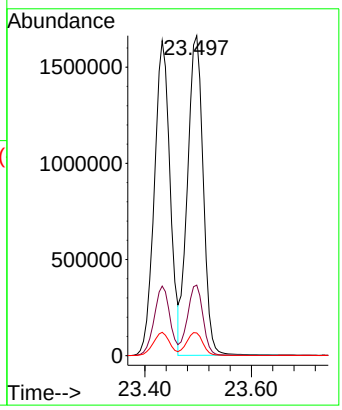


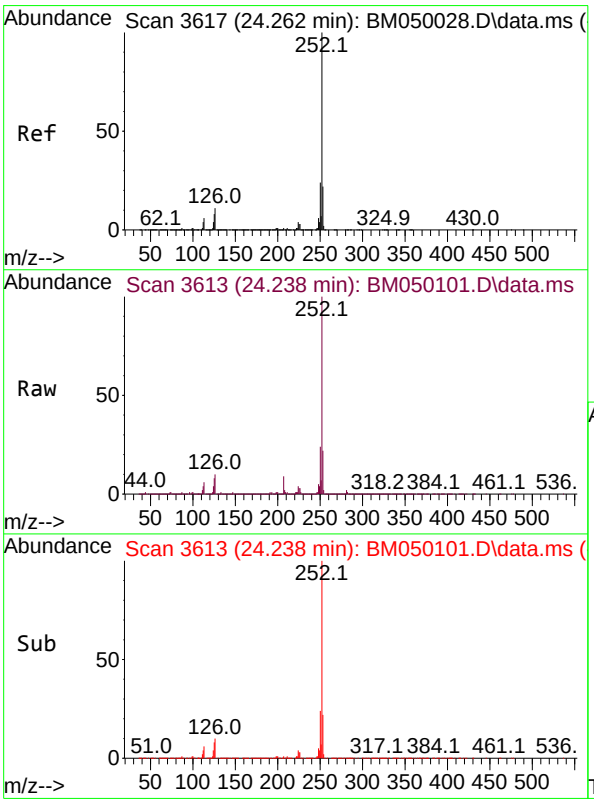
#89
Benzo(k)fluoranthene
Concen: 43.085 ng
RT: 23.497 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:252 Resp: 3397394

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	7.1	5.8	8.8

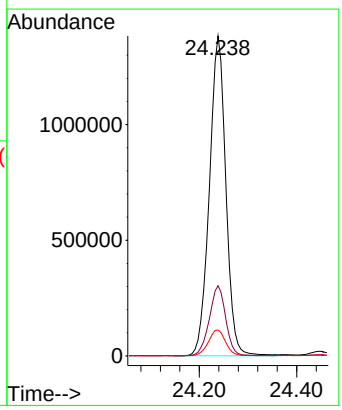


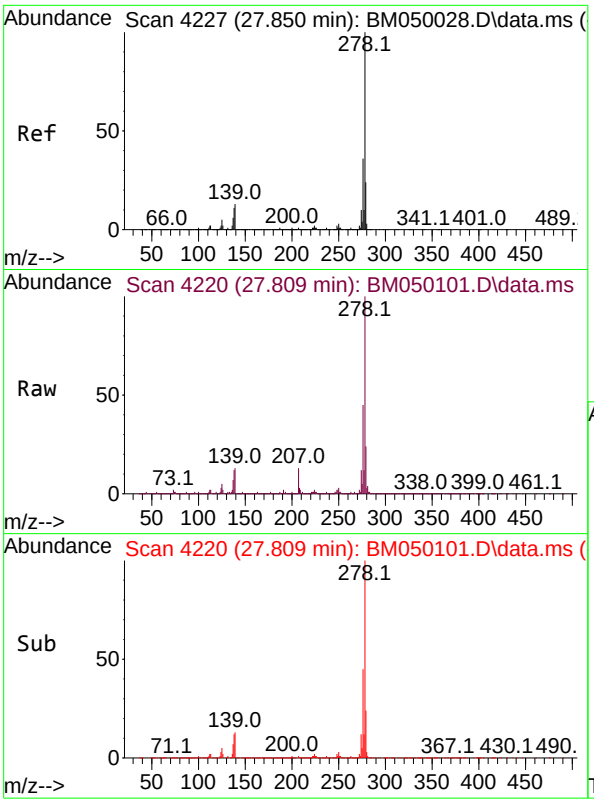


#90
Benzo(a)pyrene
Concen: 44.370 ng
RT: 24.238 min Scan# 3613
Delta R.T. -0.024 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:252 Resp: 3239603

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	8.1	6.6	9.8



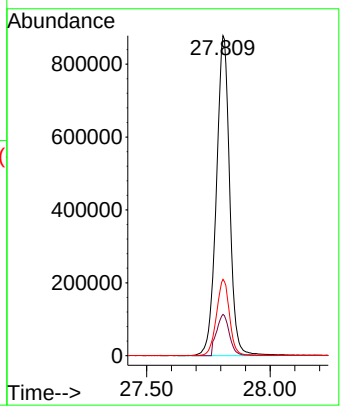


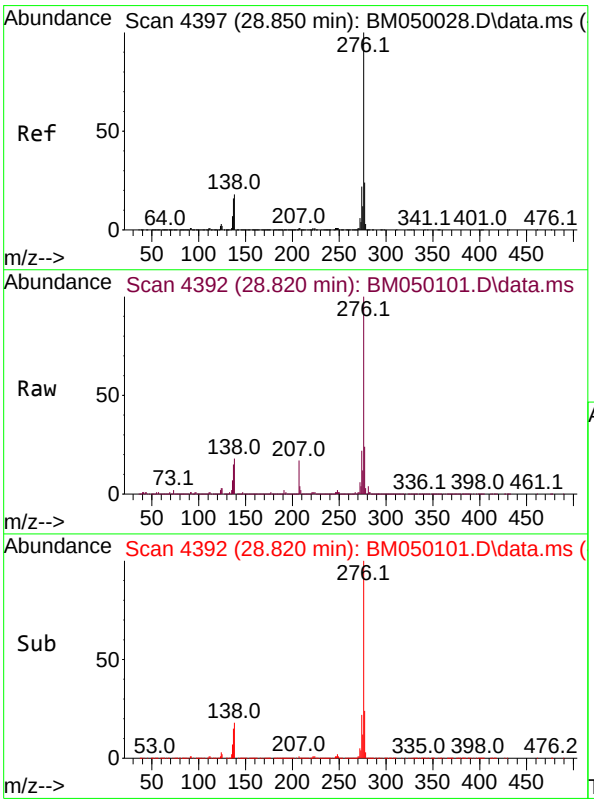
#91
Dibenzo(a,h)anthracene
Concen: 45.096 ng
RT: 27.809 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Tgt Ion:278 Resp: 3283382

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.5	15.7
279	23.9	19.4	29.0

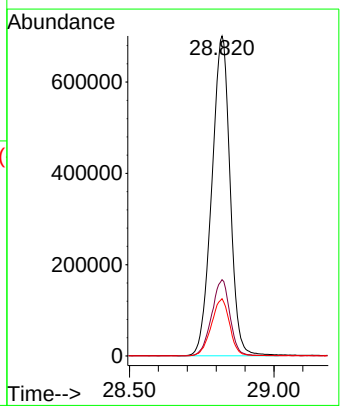




#92
Benzo(g,h,i)perylene
Concen: 44.159 ng
RT: 28.820 min Scan# 4392
Delta R.T. -0.030 min
Lab File: BM050101.D
Acq: 05 May 2025 16:21

Tgt Ion:276 Resp: 3078083

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	17.9	14.3	21.5



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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-CMSD	SDG No.:	Q1937
Lab Sample ID:	Q1937-05MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.9
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
BM050102.D	1	05/05/25 09:35	05/05/25 17:00	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	850		160	350	ug/Kg
108-95-2	Phenol	1600		23.3	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		25.6	180	ug/Kg
95-57-8	2-Chlorophenol	1600		25.7	180	ug/Kg
95-48-7	2-Methylphenol	1600		31.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		39.5	180	ug/Kg
98-86-2	Acetophenone	1500		31.0	180	ug/Kg
65794-96-9	3+4-Methylphenols	1600		43.3	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		49.9	84.2	ug/Kg
67-72-1	Hexachloroethane	1400		18.5	180	ug/Kg
98-95-3	Nitrobenzene	1500		19.3	180	ug/Kg
78-59-1	Isophorone	1400		34.5	180	ug/Kg
88-75-5	2-Nitrophenol	1600		61.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		68.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		32.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		29.8	180	ug/Kg
91-20-3	Naphthalene	1500		23.9	180	ug/Kg
106-47-8	4-Chloroaniline	660		37.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	1500		26.6	180	ug/Kg
105-60-2	Caprolactam	1500		54.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		30.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	1500		26.9	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		20.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		30.6	180	ug/Kg
92-52-4	1,1-Biphenyl	1500		22.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	1500		23.7	180	ug/Kg
88-74-4	2-Nitroaniline	1600		50.6	180	ug/Kg
131-11-3	Dimethylphthalate	1500		28.5	180	ug/Kg

Raw Data: **BM050102.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-CMSD	SDG No.:	Q1937
Lab Sample ID:	Q1937-05MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.9
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
BM050102.D	1	05/05/25 09:35	05/05/25 17:00	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		30.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		35.4	180	ug/Kg
99-09-2	3-Nitroaniline	910		48.4	180	ug/Kg
83-32-9	Acenaphthene	1500		22.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	240	350	ug/Kg
100-02-7	4-Nitrophenol	3100	E	110	350	ug/Kg
132-64-9	Dibenzofuran	1500		23.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		52.7	180	ug/Kg
84-66-2	Diethylphthalate	1500		29.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		28.1	180	ug/Kg
86-73-7	Fluorene	1500		26.6	180	ug/Kg
100-01-6	4-Nitroaniline	1600		67.6	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		34.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		29.3	180	ug/Kg
118-74-1	Hexachlorobenzene	1600		26.6	180	ug/Kg
1912-24-9	Atrazine	1500		35.8	180	ug/Kg
87-86-5	Pentachlorophenol	3600	E	54.0	350	ug/Kg
85-01-8	Phenanthrene	1500		22.0	180	ug/Kg
120-12-7	Anthracene	1500		35.0	180	ug/Kg
86-74-8	Carbazole	1600		32.8	180	ug/Kg
84-74-2	Di-n-butylphthalate	1500		50.4	180	ug/Kg
206-44-0	Fluoranthene	1600		31.6	180	ug/Kg
129-00-0	Pyrene	1600		37.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	1600		75.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	900		38.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	1500		24.2	180	ug/Kg
218-01-9	Chrysene	1500		20.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		62.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		91.3	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		20.0	180	ug/Kg

Raw Data: **BM050102.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-CMSD	SDG No.:	Q1937
Lab Sample ID:	Q1937-05MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.9
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
BM050102.D	1	05/05/25 09:35	05/05/25 17:00	PB167857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		23.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	1600		31.0	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		30.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		28.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		27.0	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		26.9	180	ug/Kg
123-91-1	1,4-Dioxane	1300		47.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		28.8	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	74.8		30 (18) - 130 (112)	50%	SPK: 150
13127-88-3	Phenol-d6	76.2		30 (15) - 130 (107)	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	44.0		30 (18) - 130 (107)	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	42.7		30 (20) - 130 (109)	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	75.1		30 (10) - 130 (116)	50%	SPK: 150
1718-51-0	Terphenyl-d14	47.0		30 (10) - 130 (105)	47%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	295000	7.745			
1146-65-2	Naphthalene-d8	1050000	10.539			
15067-26-2	Acenaphthene-d10	678000	14.392			
1517-22-2	Phenanthrene-d10	1310000	17.139			
1719-03-5	Chrysene-d12	1270000	21.386			
1520-96-3	Perylene-d12	1240000	24.38			

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\BM050525\
Data File : BM050102.D
Acq On : 05 May 2025 17:00
Operator : RC/JU
Sample : Q1937-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Quant Time: May 05 17:35:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	294539	20.000	ng		-0.02
21) Naphthalene-d8	10.539	136	1047794	20.000	ng		-0.02
39) Acenaphthene-d10	14.392	164	677703	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	1314656	20.000	ng		-0.02
76) Chrysene-d12	21.386	240	1271557	20.000	ng		-0.01
86) Perylene-d12	24.380	264	1236921	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	1258150	74.799	ng		-0.01
7) Phenol-d6	6.934	99	1611640	76.232	ng		-0.02
23) Nitrobenzene-d5	8.904	82	935080	43.976	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	752609	75.105	ng		-0.01
45) 2-Fluorobiphenyl	13.010	172	2446445	42.705	ng		-0.02
79) Terphenyl-d14	19.768	244	4042956	47.049	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	258001	35.773	ng		100
3) Pyridine	3.634	79	711239	38.382	ng		97
4) n-Nitrosodimethylamine	3.546	42	296997	40.865	ng		98
6) Aniline	7.075	93	697712	26.136	ng		99
8) 2-Chlorophenol	7.316	128	805620	44.297	ng		98
9) Benzaldehyde	6.892	77	341030	24.105	ng		98
10) Phenol	6.963	94	965281	45.102	ng		97
11) bis(2-Chloroethyl)ether	7.169	93	735486	41.155	ng		99
12) 1,3-Dichlorobenzene	7.634	146	912580	41.540	ng		99
13) 1,4-Dichlorobenzene	7.781	146	915309	41.472	ng		100
14) 1,2-Dichlorobenzene	8.098	146	879324	41.246	ng		99
15) Benzyl Alcohol	7.992	79	638864	43.575	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	881946	40.599	ng		99
17) 2-Methylphenol	8.204	107	625568	44.369	ng		98
18) Hexachloroethane	8.822	117	317394	40.455	ng		99
19) n-Nitroso-di-n-propyla...	8.557	70	546426	40.300	ng		99
20) 3+4-Methylphenols	8.534	107	845283	44.395	ng		95
22) Acetophenone	8.569	105	1094380	42.011	ng	#	98
24) Nitrobenzene	8.945	77	782189	42.543	ng		99
25) Isophorone	9.475	82	1496619	41.291	ng		99
26) 2-Nitrophenol	9.657	139	431575	45.947	ng		99
27) 2,4-Dimethylphenol	9.728	122	704725	45.242	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	945958	42.225	ng		100
29) 2,4-Dichlorophenol	10.210	162	803843	46.064	ng		99
30) 1,2,4-Trichlorobenzene	10.404	180	909008	42.755	ng		100
31) Naphthalene	10.586	128	2245700	42.321	ng		100
32) Benzoic acid	9.916	122	485833	48.767	ng		97
33) 4-Chloroaniline	10.710	127	411943	18.940	ng		99
34) Hexachlorobutadiene	10.869	225	576823	42.741	ng		100
35) Caprolactam	11.510	113	220808	43.397	ng		98
36) 4-Chloro-3-methylphenol	11.851	107	707311	43.872	ng		99
37) 2-Methylnaphthalene	12.204	142	1492444	41.951	ng		100
38) 1-Methylnaphthalene	12.427	142	1561032	41.462	ng		99
40) 1,2,4,5-Tetrachloroben...	12.580	216	1041214	44.382	ng		99
41) Hexachlorocyclopentadiene	12.557	237	1211458	84.498	ng		99
43) 2,4,6-Trichlorophenol	12.833	196	688174	46.248	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050102.D
Acq On : 05 May 2025 17:00
Operator : RC/JU
Sample : Q1937-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Quant Time: May 05 17:35:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

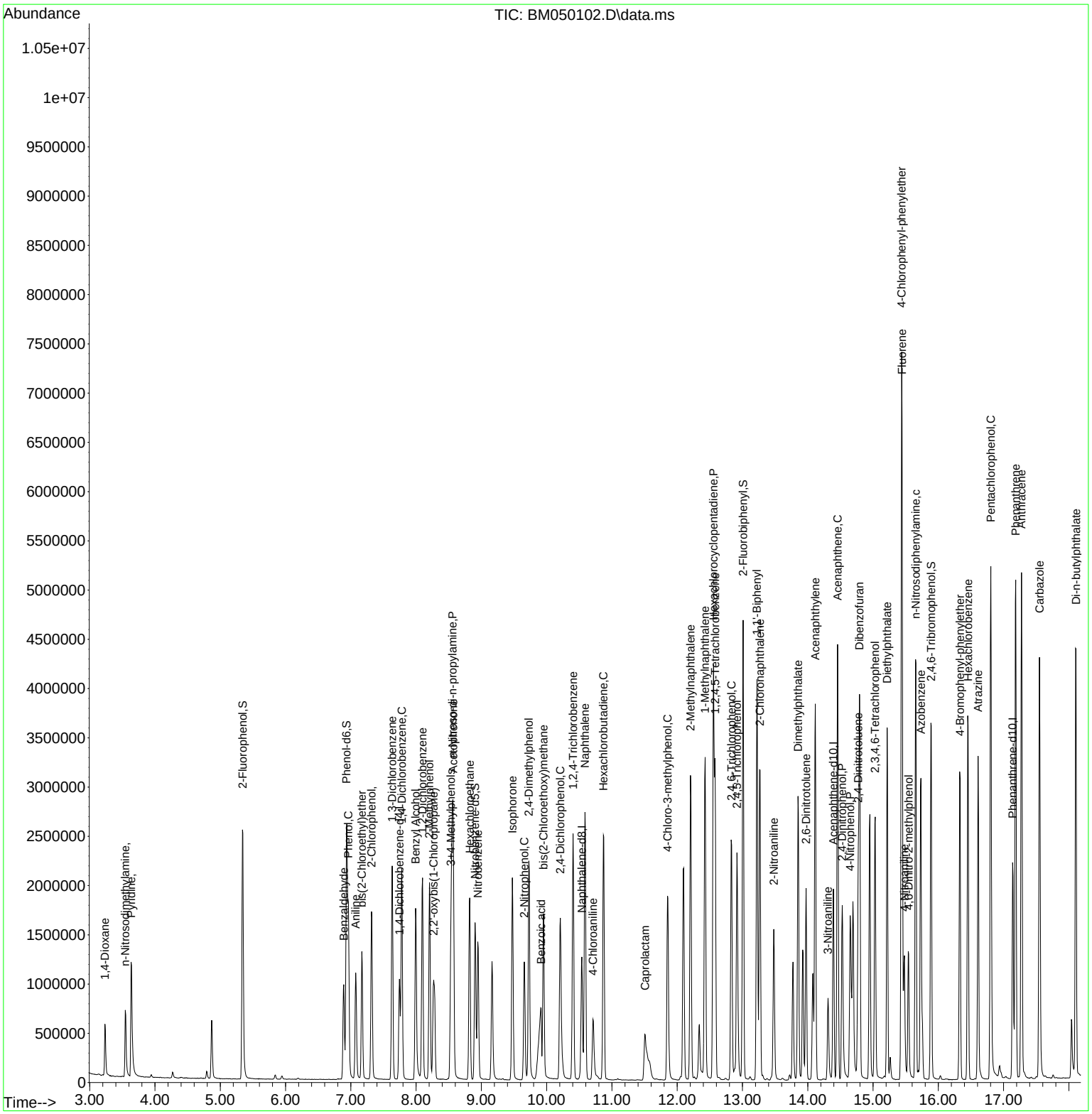
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	735097	45.812	ng	97
46) 1,1'-Biphenyl	13.221	154	2171525	43.105	ng	99
47) 2-Chloronaphthalene	13.268	162	1733055	43.436	ng	99
48) 2-Nitroaniline	13.480	65	426754	45.573	ng	100
49) Acenaphthylene	14.115	152	2706657	43.026	ng	100
50) Dimethylphthalate	13.851	163	2096886	42.338	ng	99
51) 2,6-Dinitrotoluene	13.974	165	453604	44.235	ng	98
52) Acenaphthene	14.457	154	1550487	42.580	ng	99
53) 3-Nitroaniline	14.310	138	253994	25.944	ng	99
54) 2,4-Dinitrophenol	14.527	184	548918	83.383	ng	99
55) Dibenzofuran	14.792	168	2564349	42.327	ng	99
56) 4-Nitrophenol	14.651	139	716138	89.353	ng	98
57) 2,4-Dinitrotoluene	14.774	165	638601	45.069	ng	96
58) Fluorene	15.445	166	2115905	42.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	625034	45.001	ng	97
60) Diethylphthalate	15.215	149	1939860	41.567	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	1169405	42.934	ng	98
62) 4-Nitroaniline	15.480	138	418189	44.274	ng	99
63) Azobenzene	15.733	77	1786138	45.668	ng	96
65) 4,6-Dinitro-2-methylph...	15.545	198	358709	43.589	ng	96
66) n-Nitrosodiphenylamine	15.657	169	1772627	43.910	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	700350	44.053	ng	96
68) Hexachlorobenzene	16.457	284	812209	44.321	ng	95
69) Atrazine	16.609	200	643224	44.172	ng	100
70) Pentachlorophenol	16.804	266	1057643	102.532	ng	99
71) Phenanthrene	17.186	178	3210759	43.302	ng	100
72) Anthracene	17.274	178	3263741	43.495	ng	100
73) Carbazole	17.551	167	2903966	44.599	ng	100
74) Di-n-butylphthalate	18.109	149	3348299	43.180	ng	99
75) Fluoranthene	19.203	202	3918338	45.010	ng	99
77) Benzidine	19.392	184	2093846	46.358	ng	100
78) Pyrene	19.568	202	3997921	44.773	ng	100
80) Butylbenzylphthalate	20.462	149	1481929	44.311	ng	98
81) Benzo(a)anthracene	21.368	228	3830639	43.747	ng	99
82) 3,3'-Dichlorobenzidine	21.291	252	856060	25.539	ng	100
83) Chrysene	21.427	228	3498440	43.169	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	2129576	42.631	ng	100
85) Di-n-octyl phthalate	22.409	149	3500630	42.493	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	4193498	45.499	ng	99
88) Benzo(b)fluoranthene	23.433	252	3534464	43.939	ng	100
89) Benzo(k)fluoranthene	23.497	252	3550274	43.632	ng	99
90) Benzo(a)pyrene	24.238	252	3356901	44.556	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	3426344	45.605	ng	99
92) Benzo(g,h,i)perylene	28.815	276	3212498	44.663	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050102.D
Acq On : 05 May 2025 17:00
Operator : RC/JU
Sample : Q1937-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Quant Time: May 05 17:35:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050102.D
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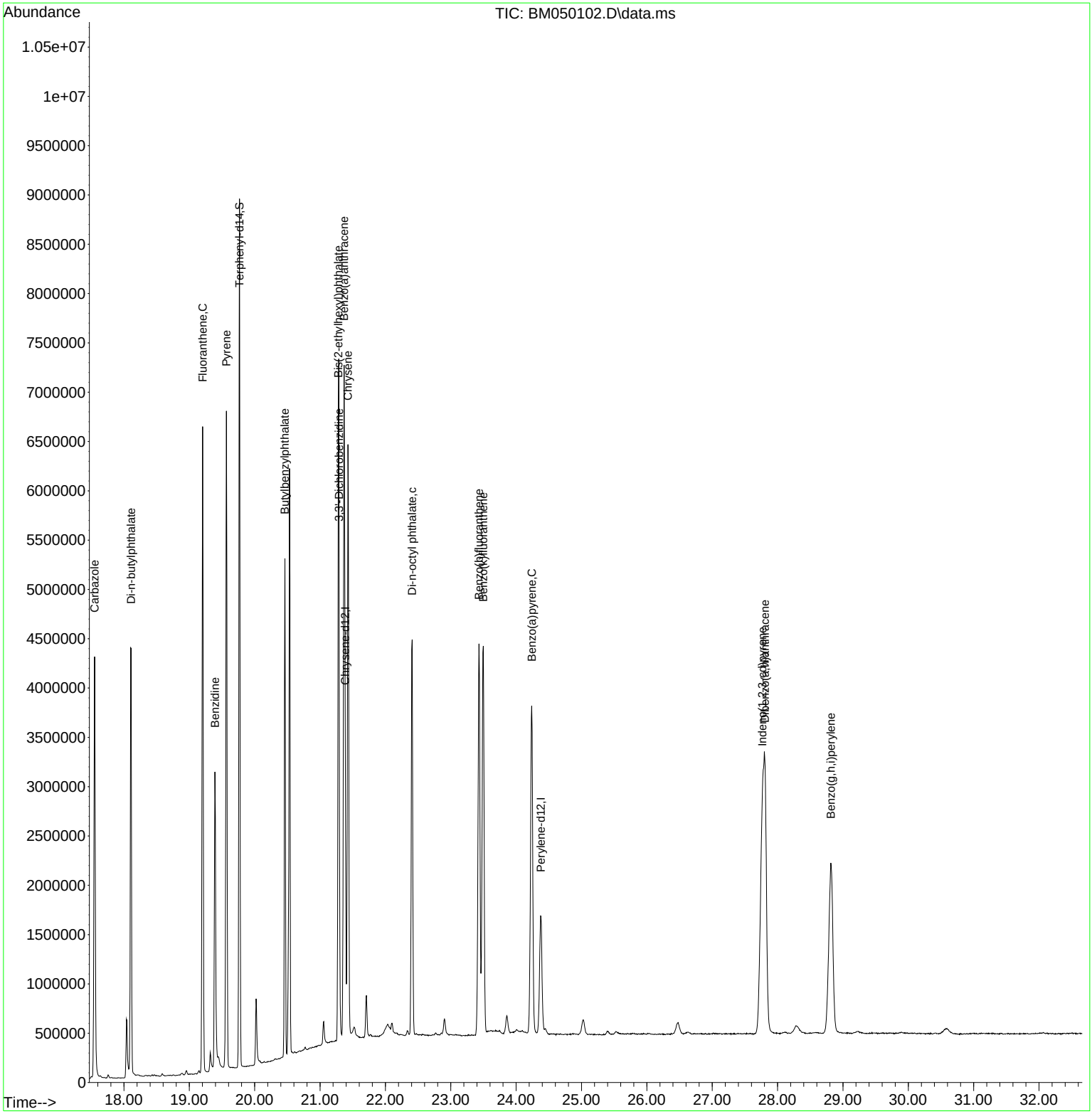
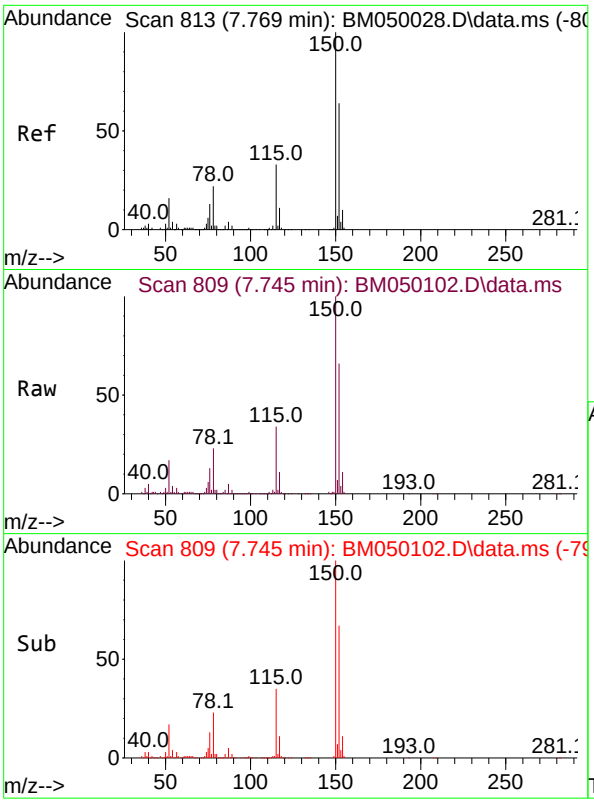


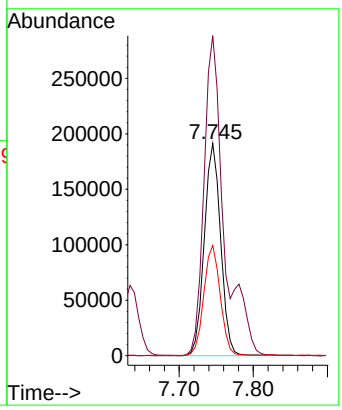


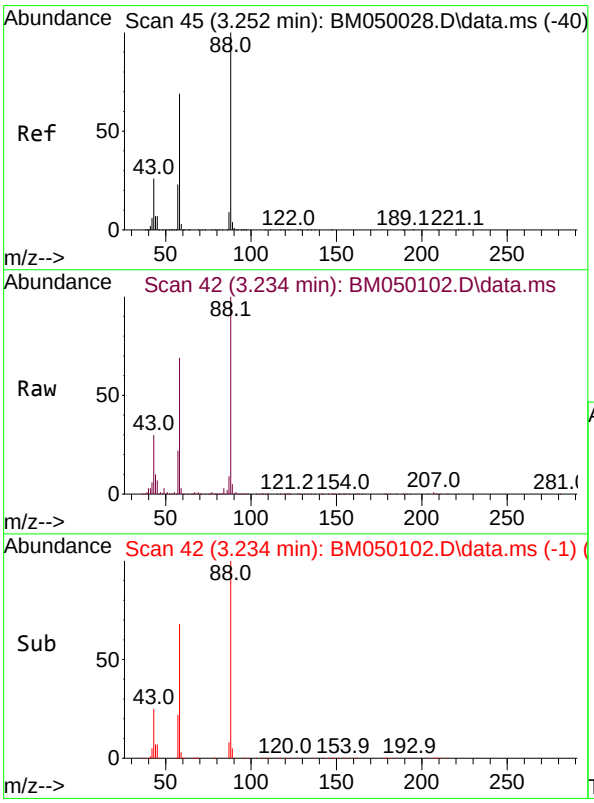
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:152 Resp: 294539

Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.1	186.1
115	51.9	41.2	61.8

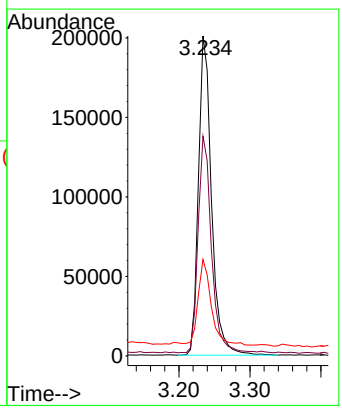


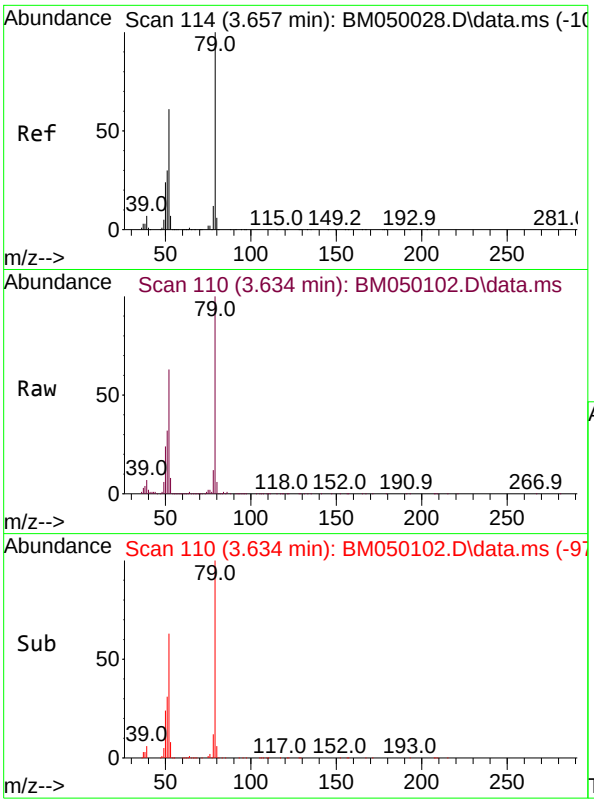


#2
1,4-Dioxane
Concen: 35.773 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion: 88 Resp: 258001

Ion	Ratio	Lower	Upper
88	100		
58	68.9	55.1	82.7
43	26.8	20.9	31.3



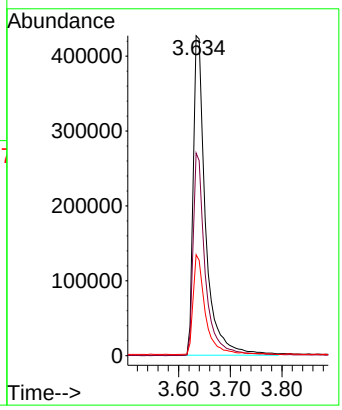


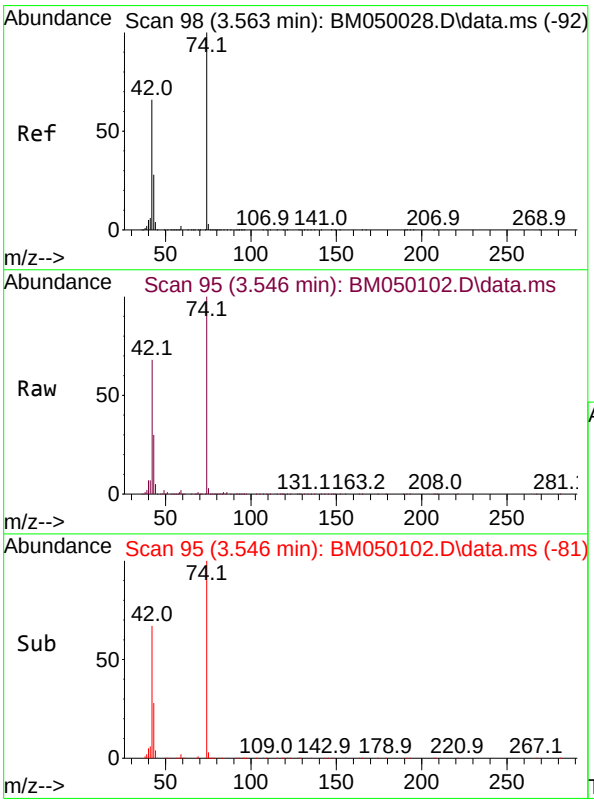
#3
Pyridine
Concen: 38.382 ng
RT: 3.634 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion: 79 Resp: 711239

Ion	Ratio	Lower	Upper
79	100		
52	63.3	48.6	72.8
51	31.6	24.6	37.0

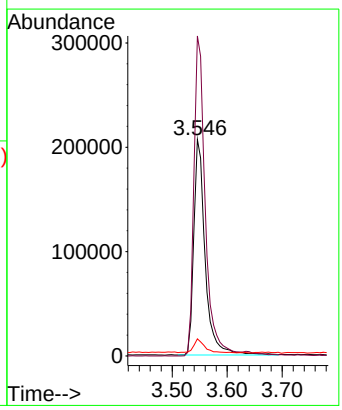


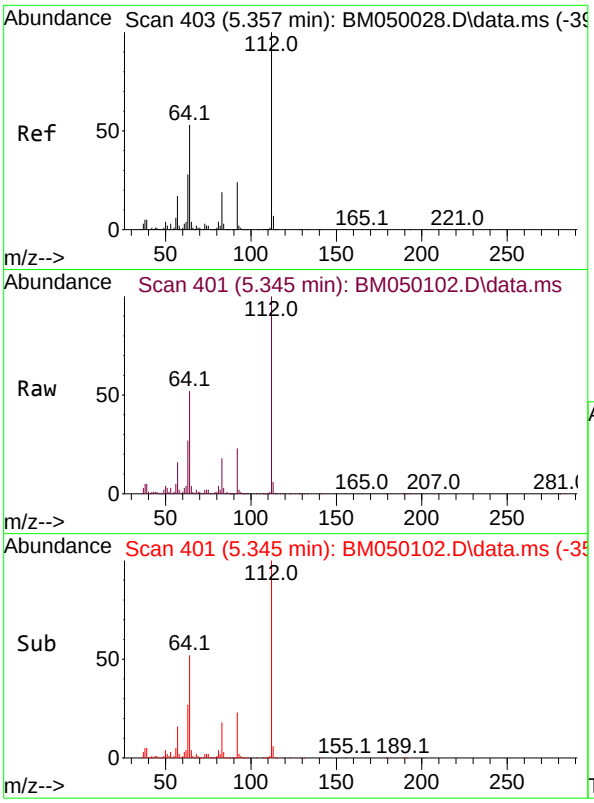


#4
n-Nitrosodimethylamine
Concen: 40.865 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion: 42 Resp: 296997

Ion	Ratio	Lower	Upper
42	100		
74	147.8	120.2	180.2
44	7.9	6.2	9.2



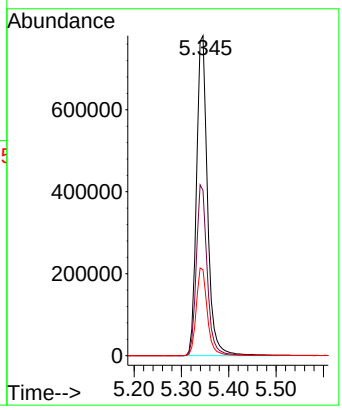


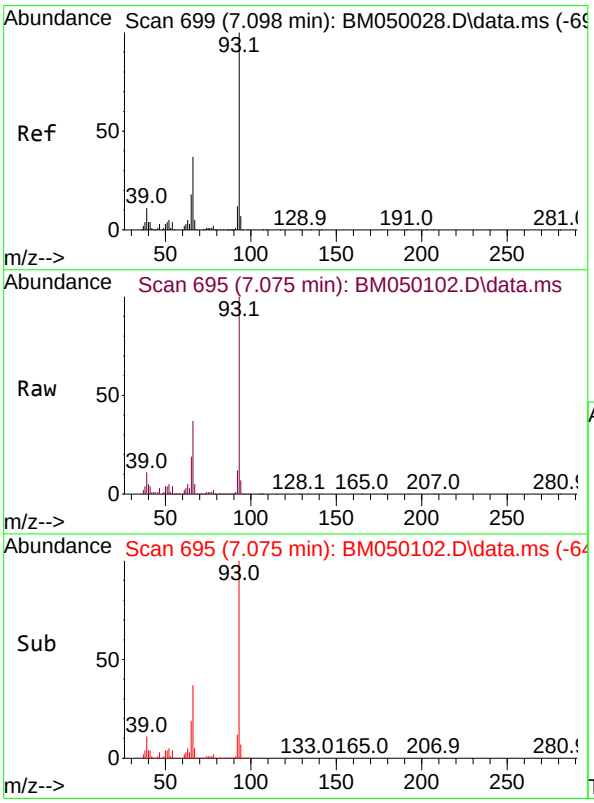
#5
2-Fluorophenol
Concen: 74.799 ng
RT: 5.345 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:112 Resp: 1258150

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.6	64.0
63	26.9	22.2	33.4

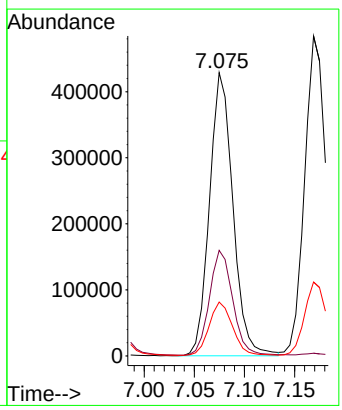


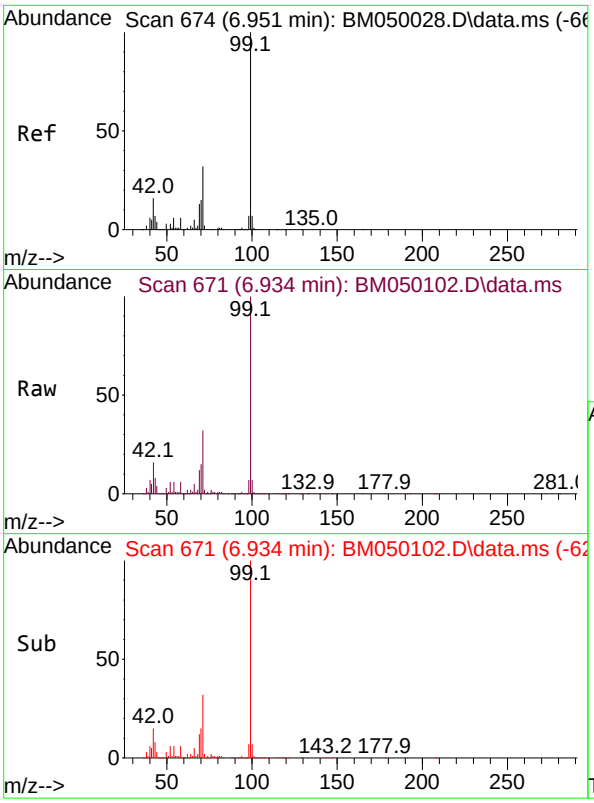


#6
Aniline
Concen: 26.136 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion: 93 Resp: 697712

Ion	Ratio	Lower	Upper
93	100		
66	37.3	29.9	44.9
65	19.0	14.5	21.7



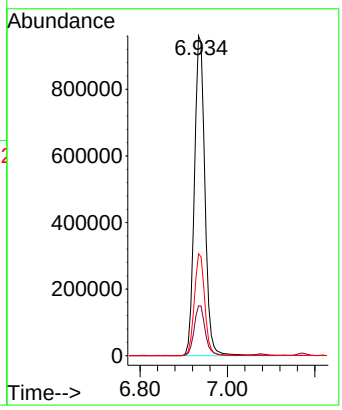


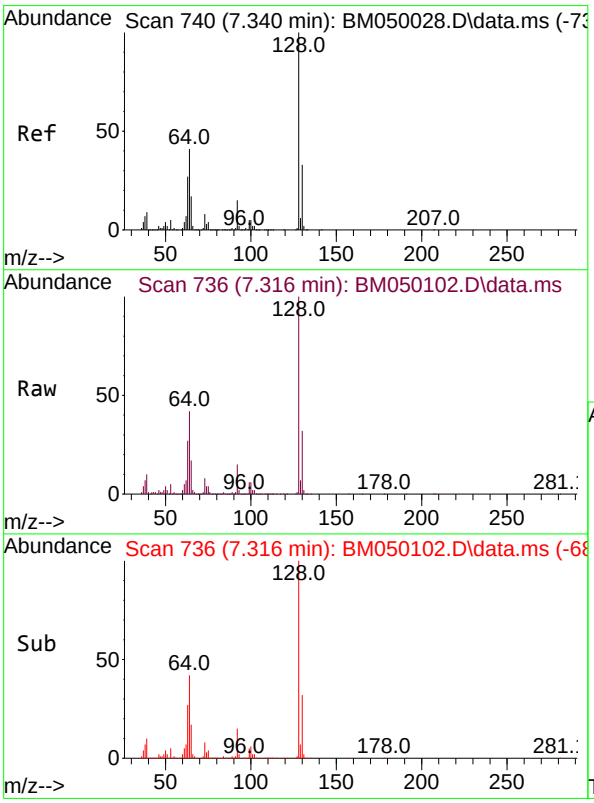
#7
Phenol-d6
Concen: 76.232 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion: 99 Resp: 1611640

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.0	19.4
71	31.8	25.6	38.4

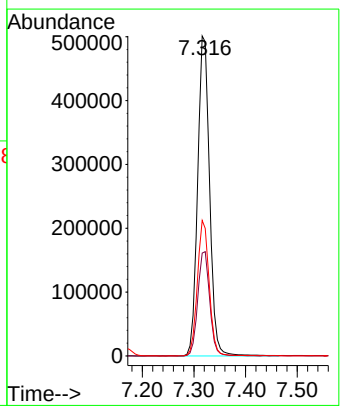


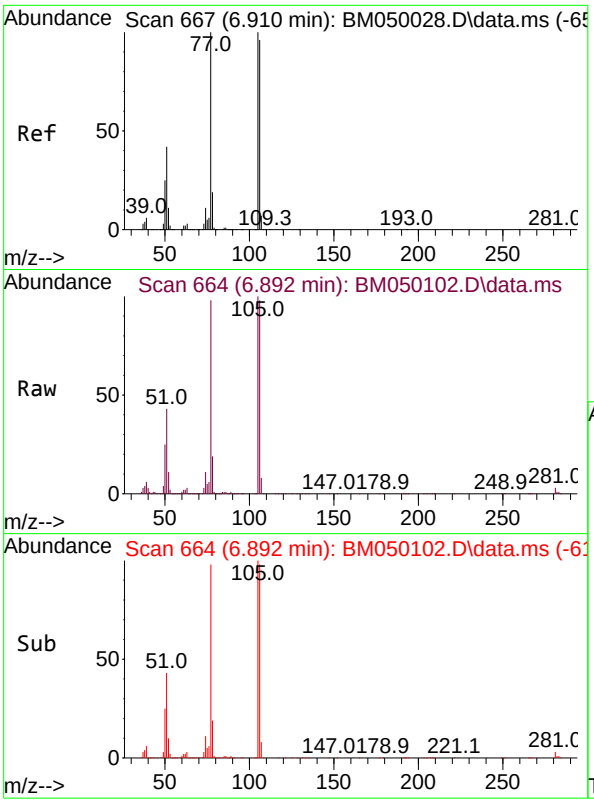


#8
2-Chlorophenol
Concen: 44.297 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:128 Resp: 805620

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.8	52.8
64	42.3	21.2	61.2



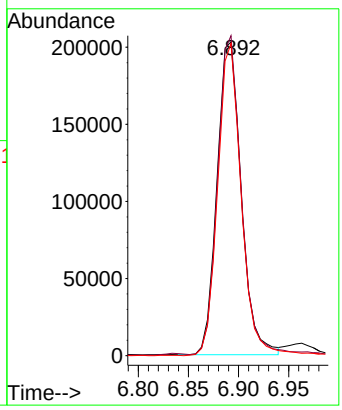


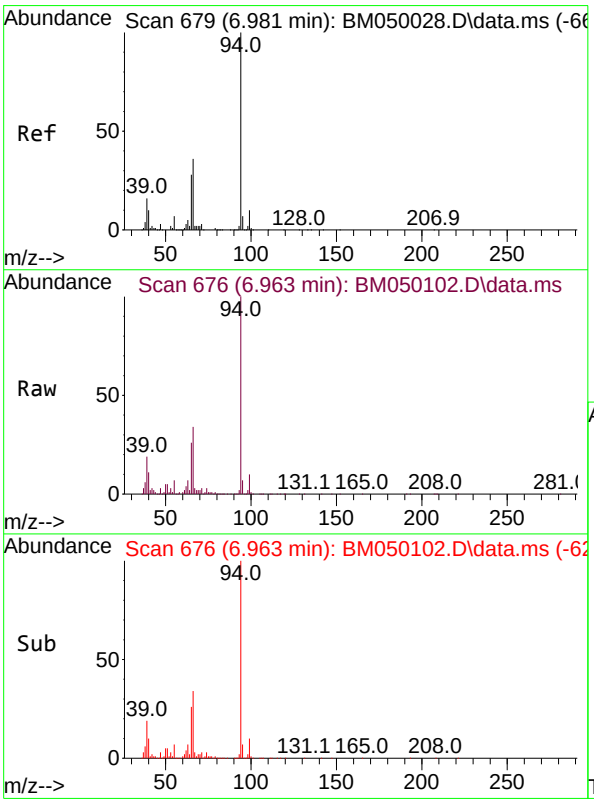
#9
Benzaldehyde
Concen: 24.105 ng
RT: 6.892 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion: 77 Resp: 341030

Ion	Ratio	Lower	Upper
77	100		
105	102.0	80.5	120.5
106	99.6	76.1	116.1

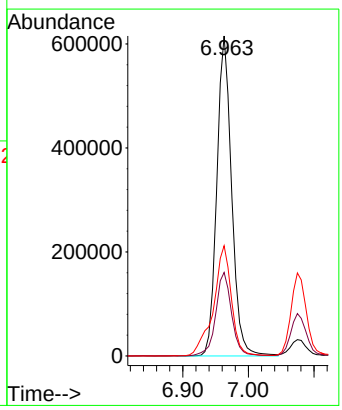


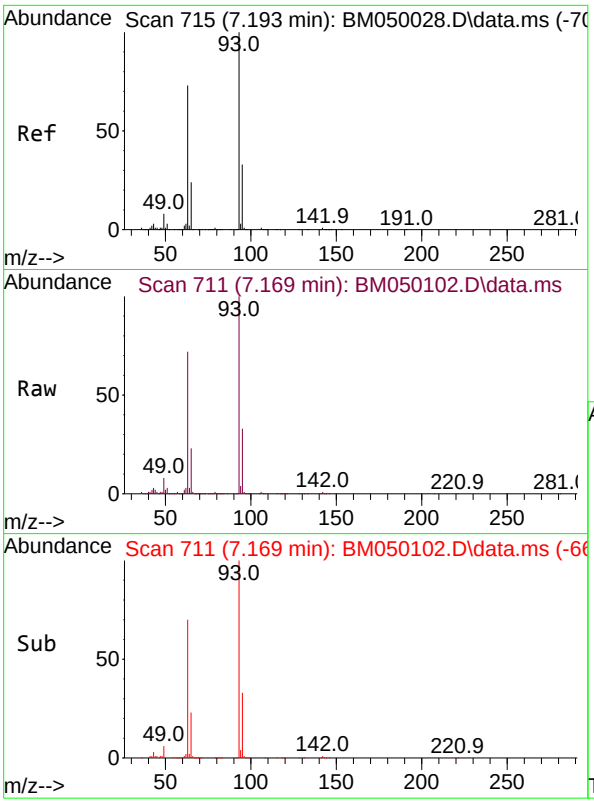


#10
Phenol
Concen: 45.102 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion: 94 Resp: 965281

Ion	Ratio	Lower	Upper
94	100		
65	26.1	7.6	47.6
66	34.5	15.8	55.8



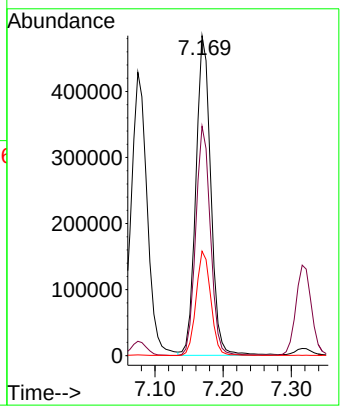


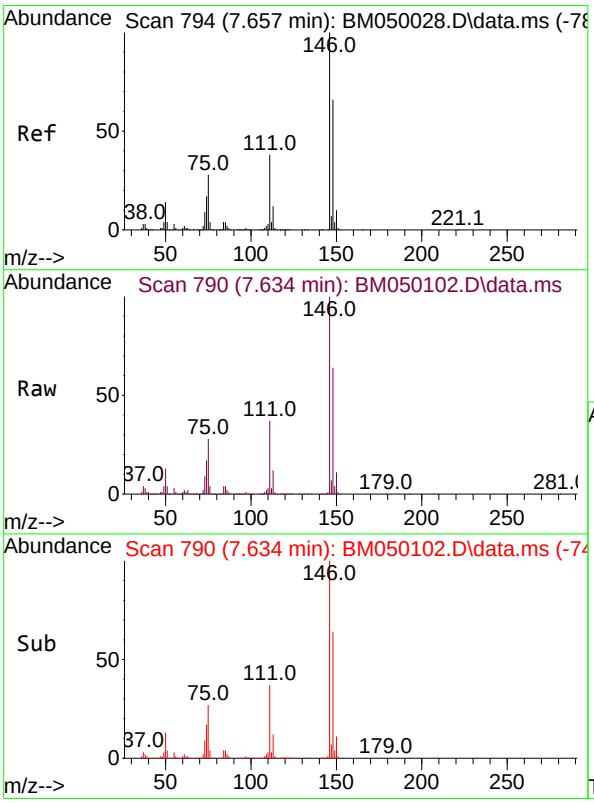
#11
bis(2-Chloroethyl)ether
Concen: 41.155 ng
RT: 7.169 min Scan# 7
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion: 93 Resp: 735486

Ion	Ratio	Lower	Upper
93	100		
63	71.7	52.3	92.3
95	32.7	12.8	52.8

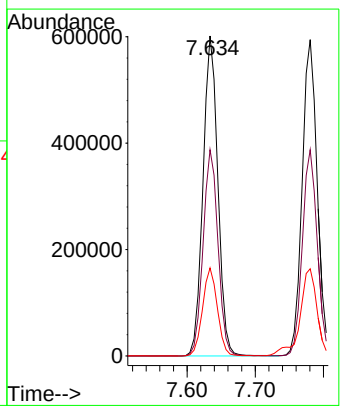


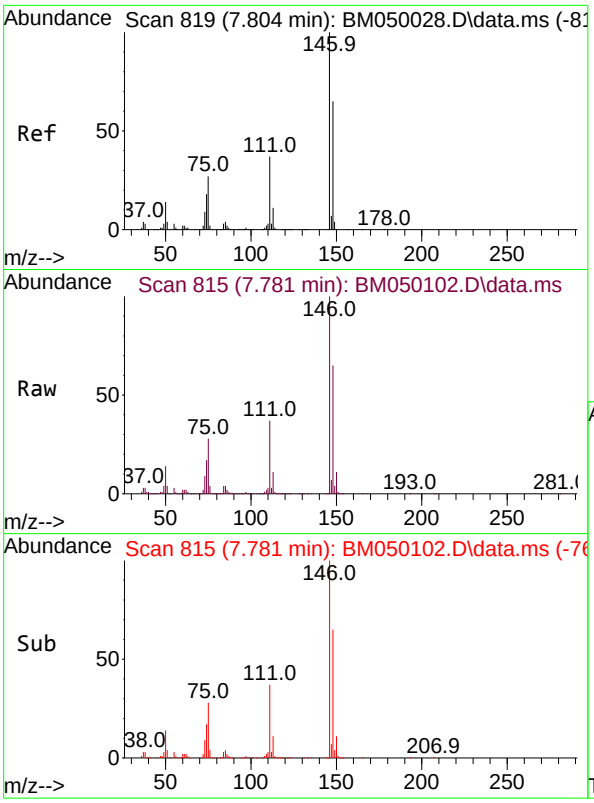


#12
1,3-Dichlorobenzene
Concen: 41.540 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:146 Resp: 912580

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.5	78.7
75	27.5	22.6	34.0



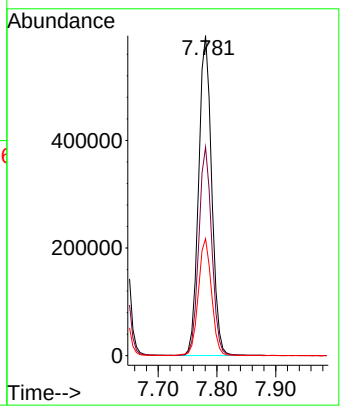


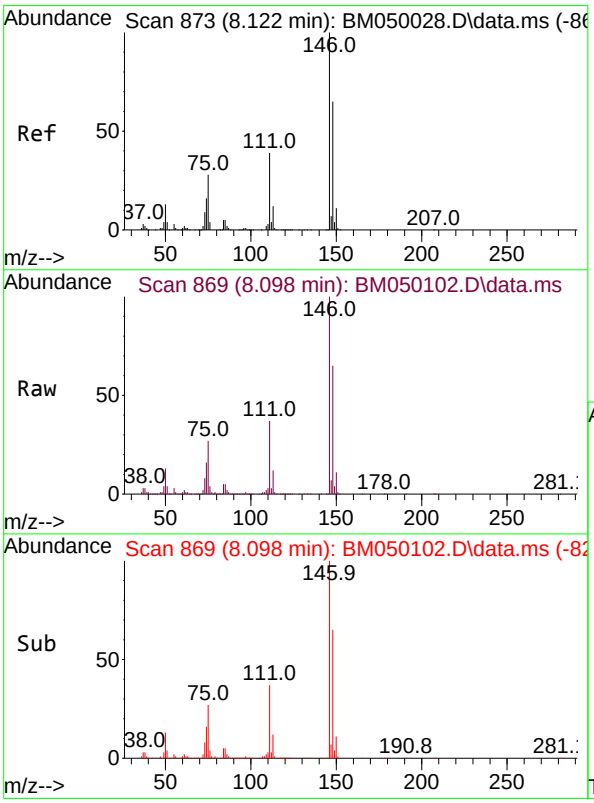
#13
1,4-Dichlorobenzene
Concen: 41.472 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:146 Resp: 915309

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	36.5	29.3	43.9

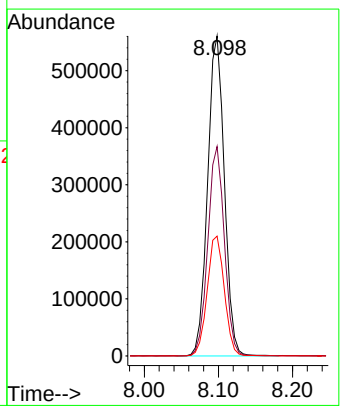


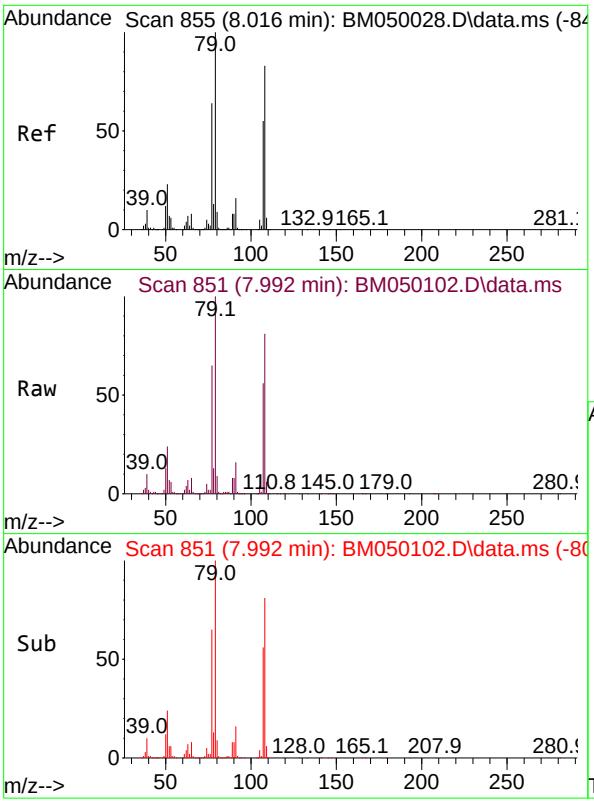


#14
1,2-Dichlorobenzene
Concen: 41.246 ng
RT: 8.098 min Scan# 869
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:146 Resp: 879324

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.4	78.6
111	37.5	31.0	46.6



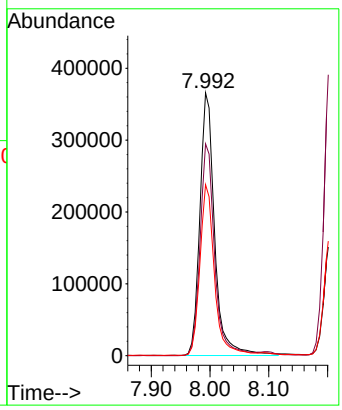


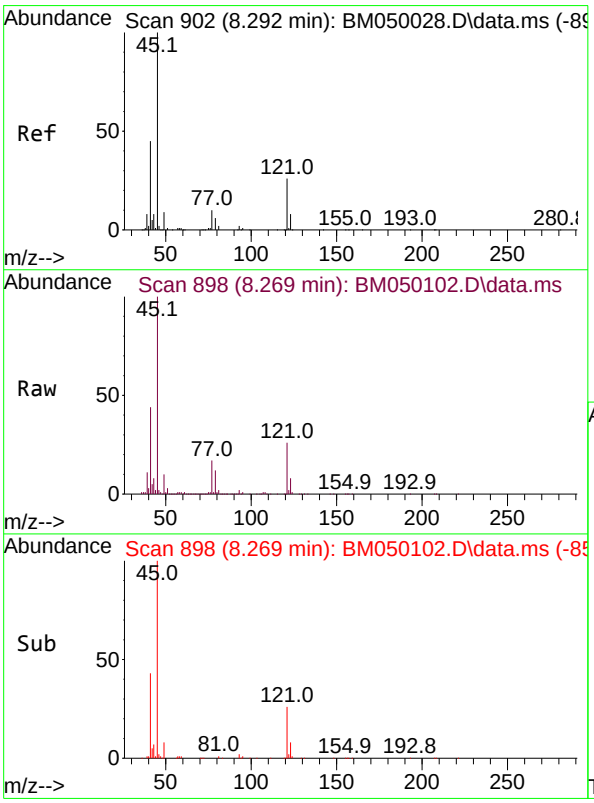
#15
Benzyl Alcohol
Concen: 43.575 ng
RT: 7.992 min Scan# 8
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion: 79 Resp: 638864

Ion	Ratio	Lower	Upper
79	100		
108	80.6	66.0	99.0
77	65.0	51.6	77.4

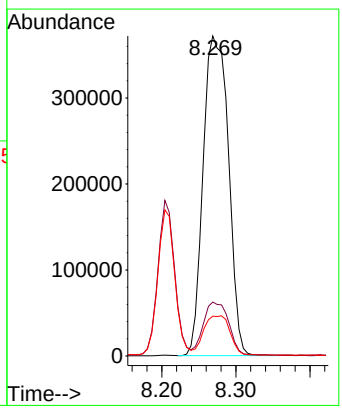


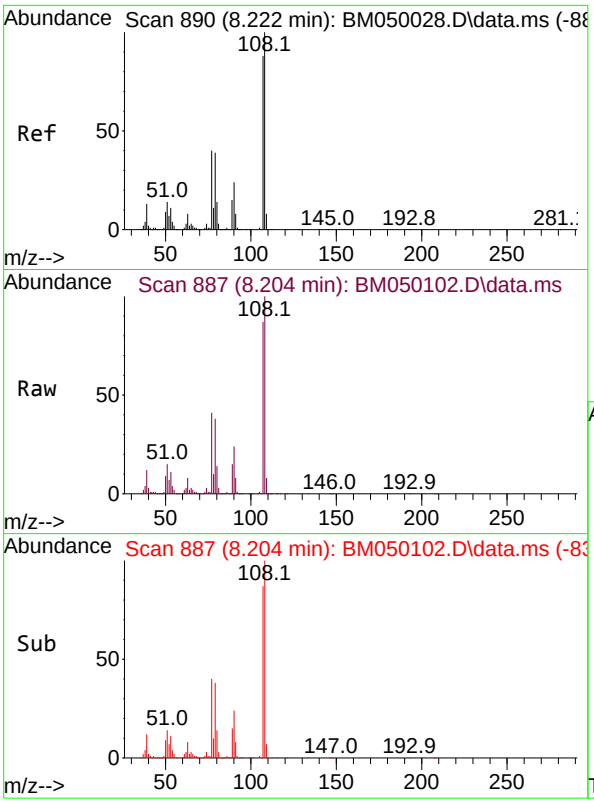


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.599 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion: 45 Resp: 881946

Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	36.4
79	12.4	0.0	32.7



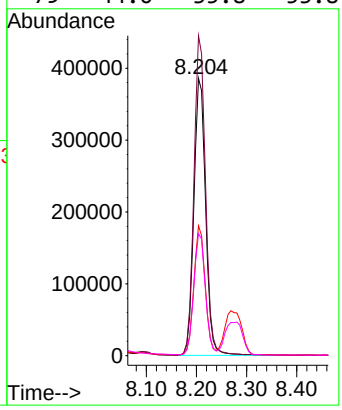


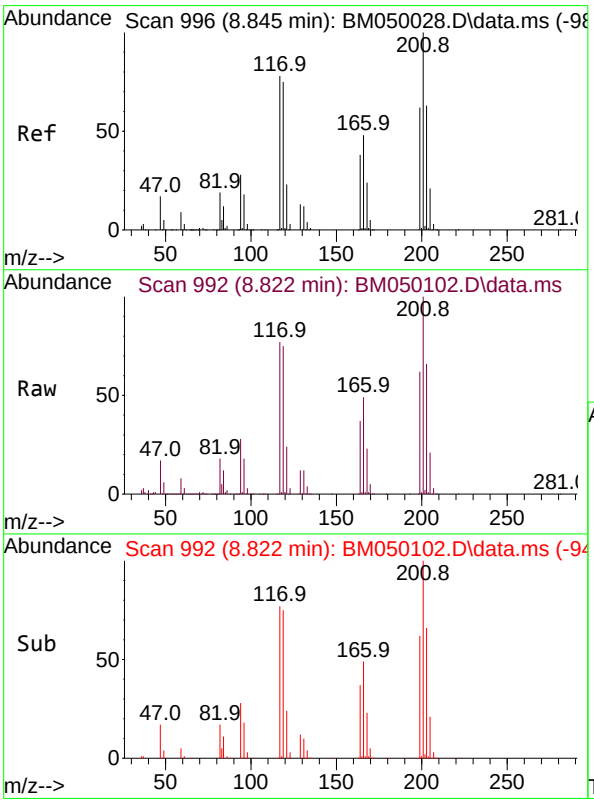
#17
2-Methylphenol
Concen: 44.369 ng
RT: 8.204 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:107 Resp: 625568

Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.1	136.7
77	46.9	36.2	54.4
79	44.0	35.8	53.8

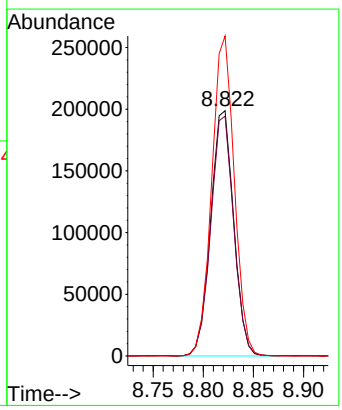


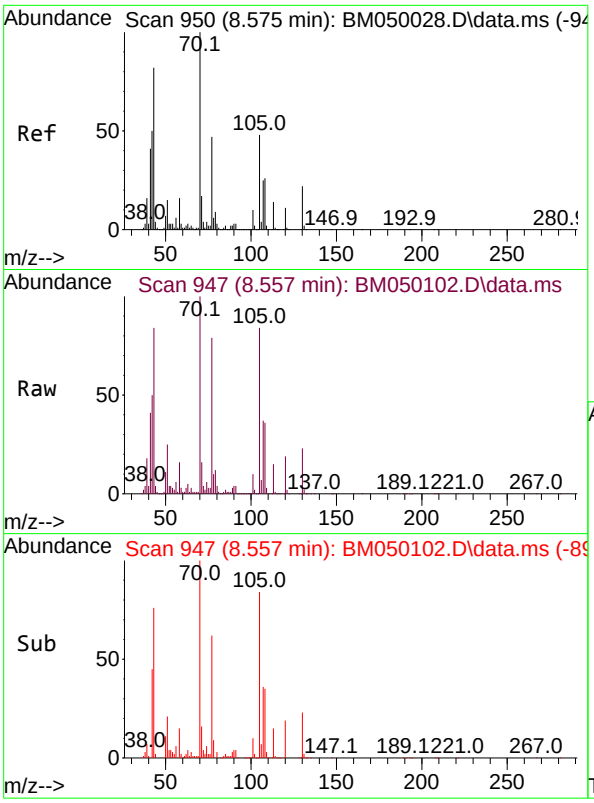


#18
Hexachloroethane
Concen: 40.455 ng
RT: 8.822 min Scan# 992
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:117 Resp: 317394

Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.3	115.9
201	130.4	102.8	154.2



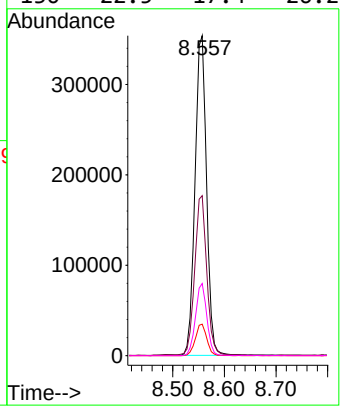


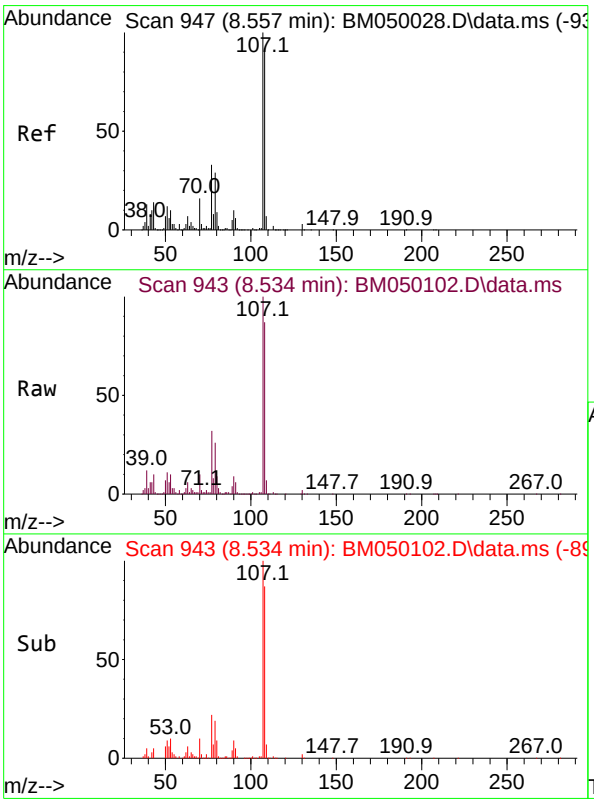
#19
n-Nitroso-di-n-propylamine
Concen: 40.300 ng
RT: 8.557 min Scan# 94
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion: 70 Resp: 546426

Ion	Ratio	Lower	Upper
70	100		
42	50.0	40.5	60.7
101	9.8	7.8	11.6
130	22.5	17.4	26.2

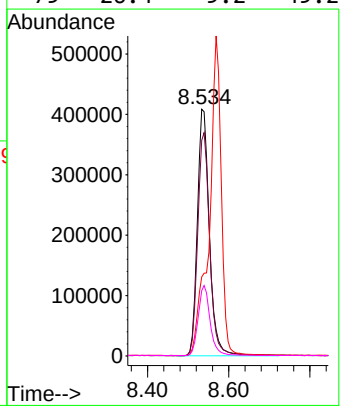


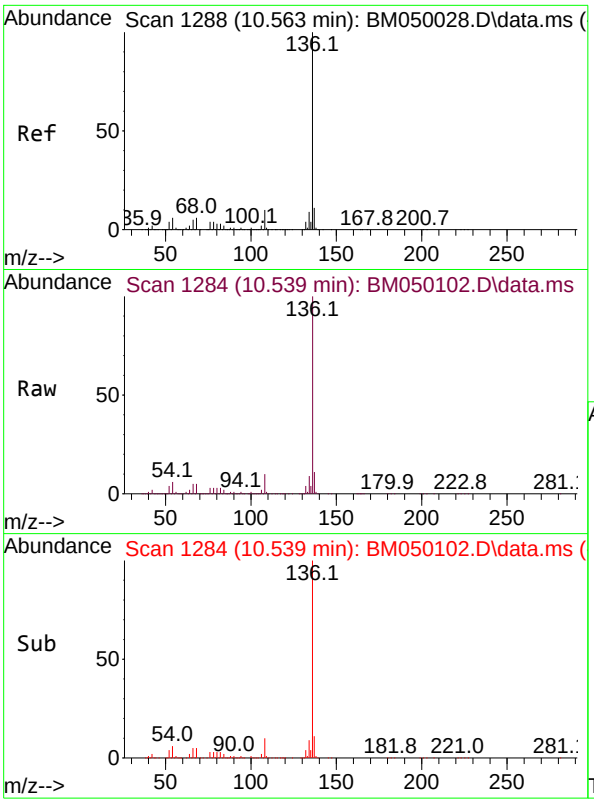


#20
3+4-Methylphenols
Concen: 44.395 ng
RT: 8.534 min Scan# 943
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:107 Resp: 845283

Ion	Ratio	Lower	Upper
107	100		
108	87.4	72.4	112.4
77	32.0	13.6	53.6
79	26.4	9.2	49.2



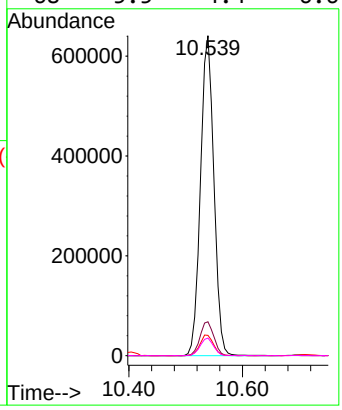


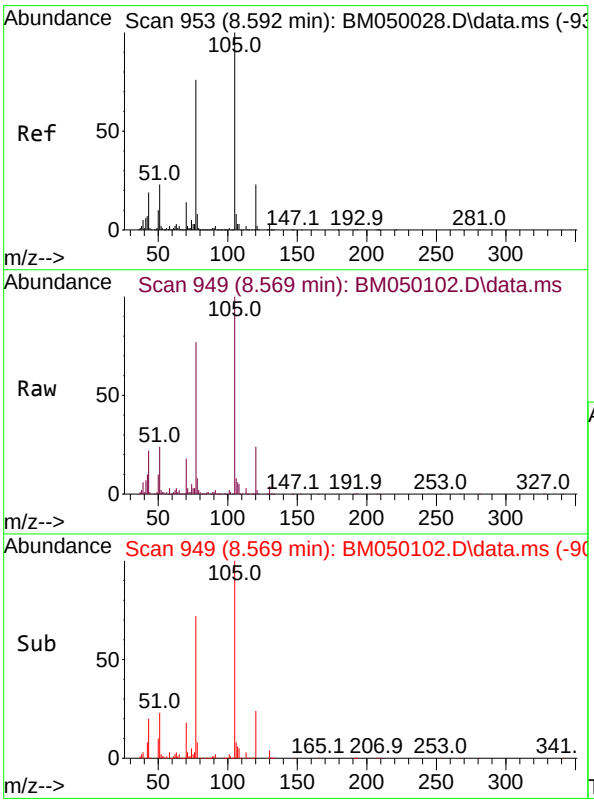
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:136 Resp: 1047794

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.3	5.1	7.7
68	5.5	4.4	6.6

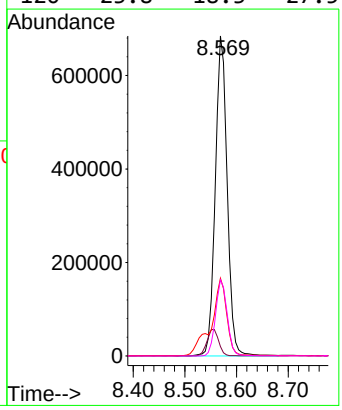


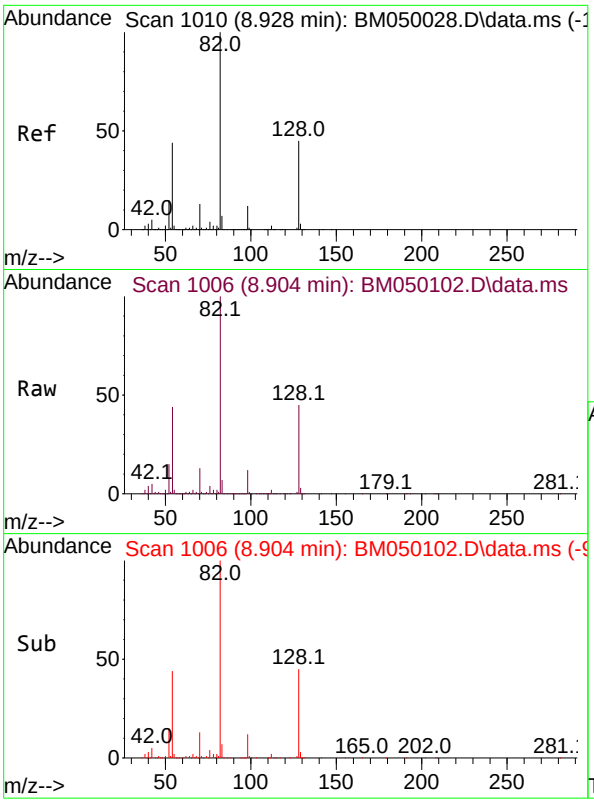


#22
Acetophenone
Concen: 42.011 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:105 Resp: 1094380

Ion	Ratio	Lower	Upper
105	100		
71	2.9	1.7	2.5#
51	24.3	18.6	27.8
120	23.8	18.3	27.5



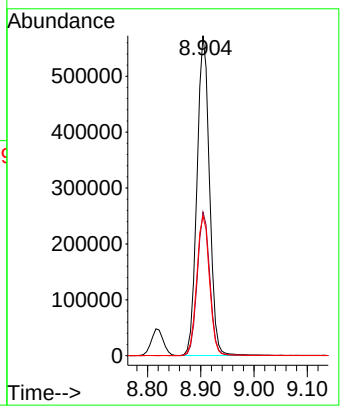


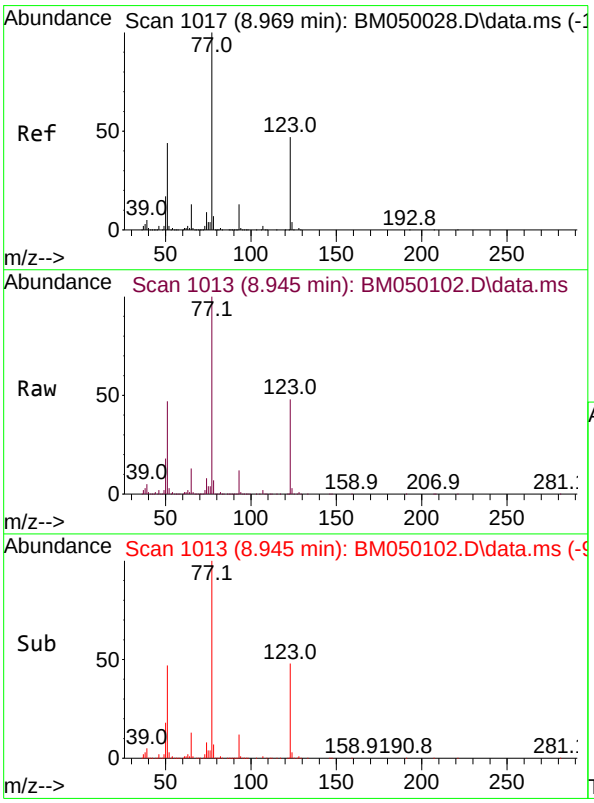
#23
Nitrobenzene-d5
Concen: 43.976 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion: 82 Resp: 935080

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.7	53.5
54	43.6	35.4	53.2

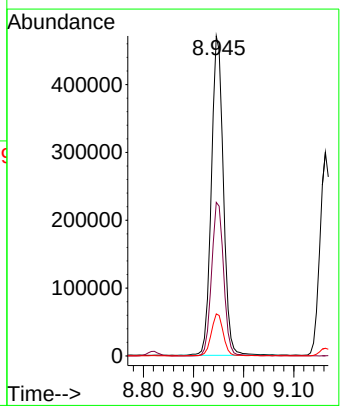


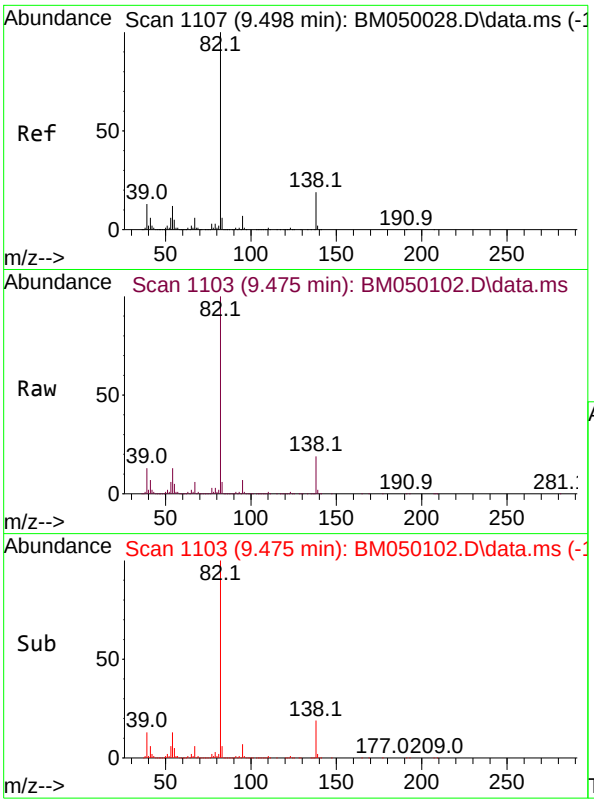


#24
Nitrobenzene
Concen: 42.543 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion: 77 Resp: 782189

Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.9	56.9
65	13.2	10.1	15.1



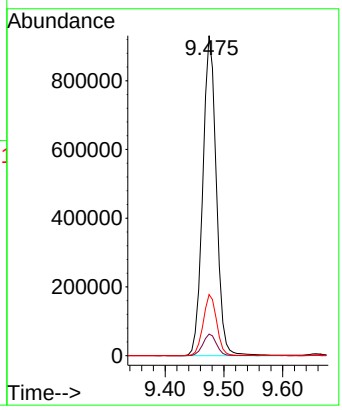


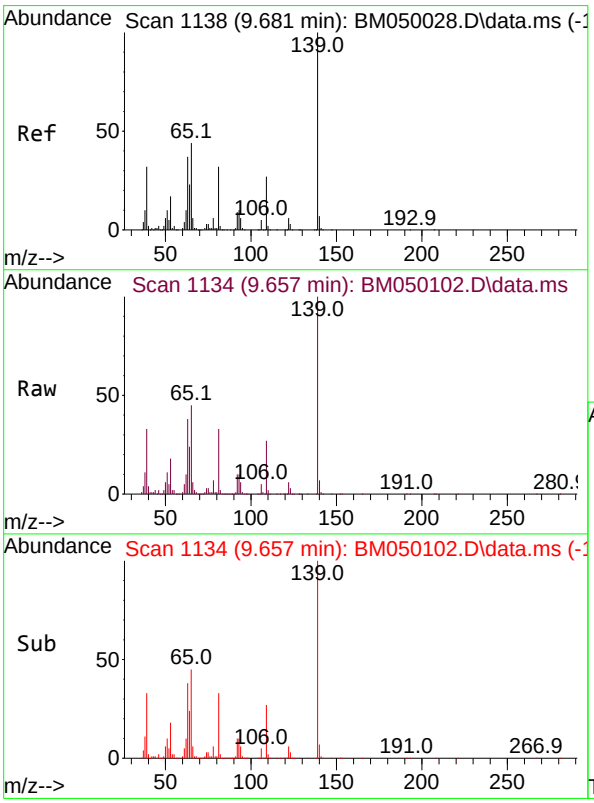
#25
Isophorone
Concen: 41.291 ng
RT: 9.475 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion: 82 Resp: 1496619

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.7	8.5
138	19.1	15.5	23.3

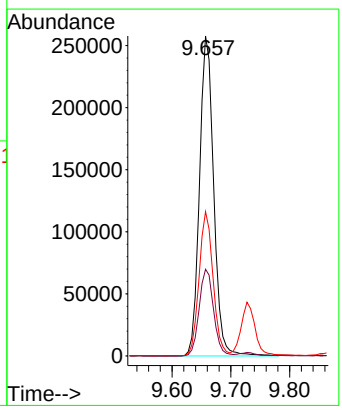


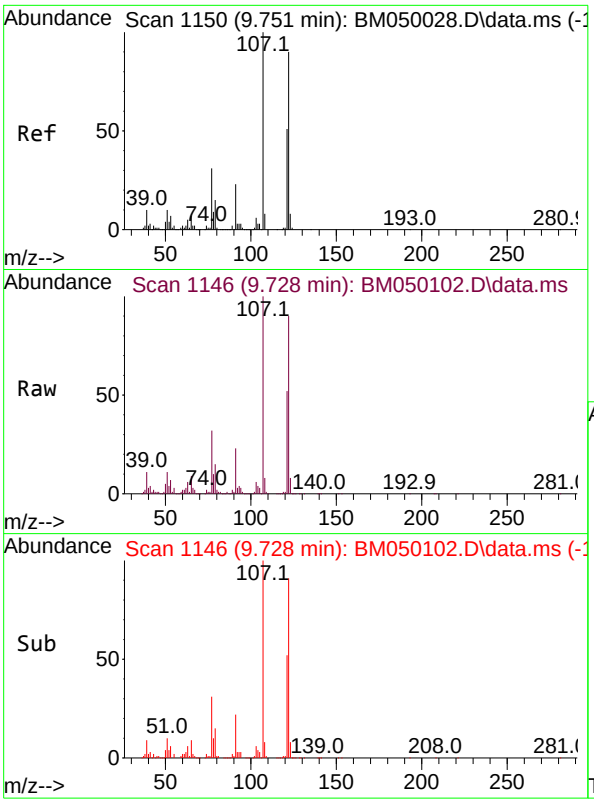


#26
2-Nitrophenol
Concen: 45.947 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:139 Resp: 431575

Ion	Ratio	Lower	Upper
139	100		
109	27.1	21.9	32.9
65	45.1	35.4	53.2



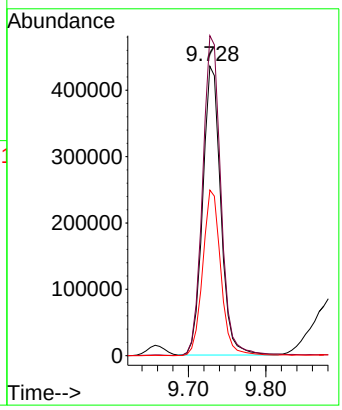


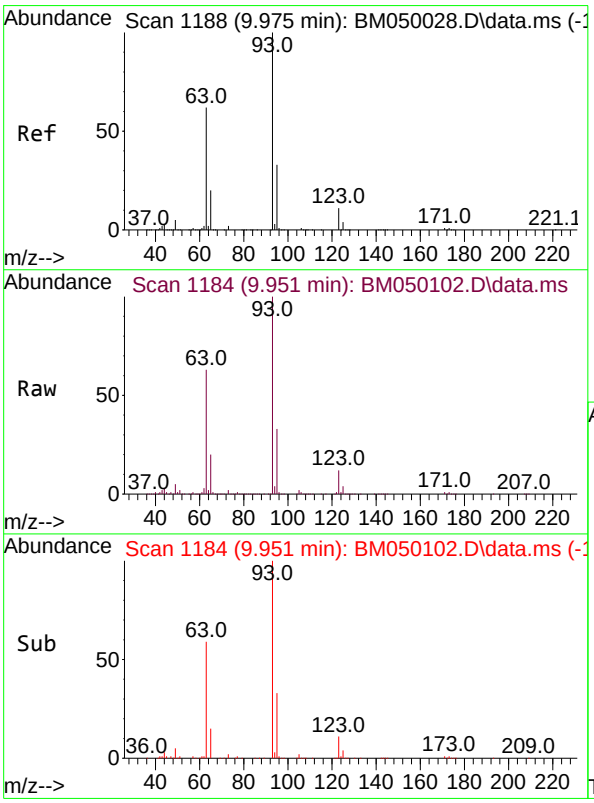
#27
2,4-Dimethylphenol
Concen: 45.242 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:122 Resp: 704725

Ion	Ratio	Lower	Upper
122	100		
107	110.6	89.0	133.6
121	57.2	45.6	68.4

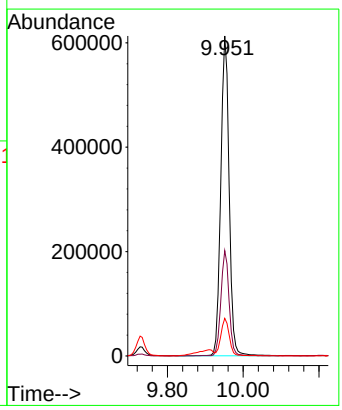


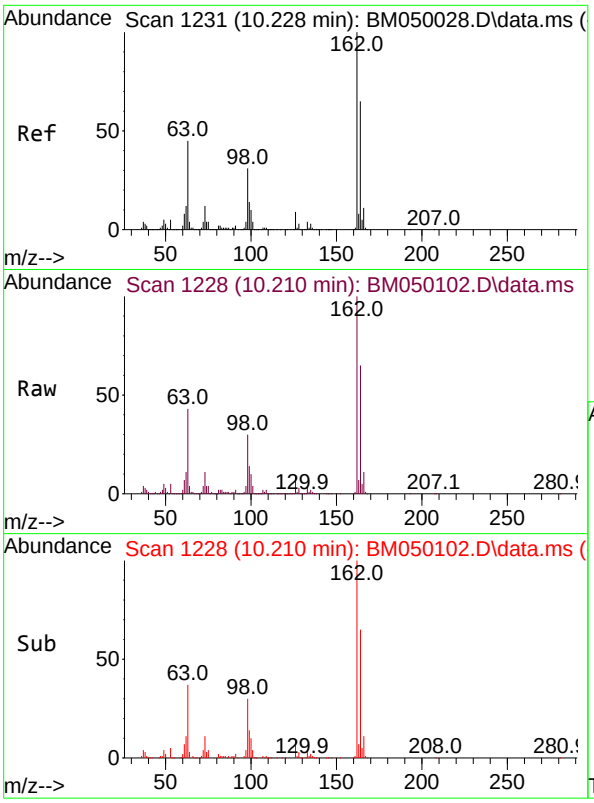


#28
bis(2-Chloroethoxy)methane
Concen: 42.225 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion: 93 Resp: 945958

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.8	9.5	14.3



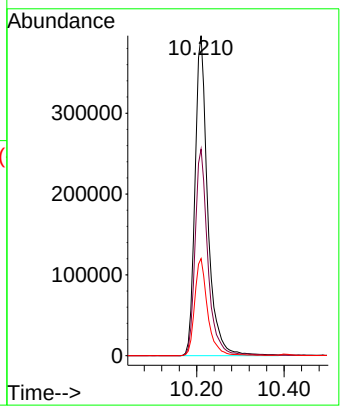


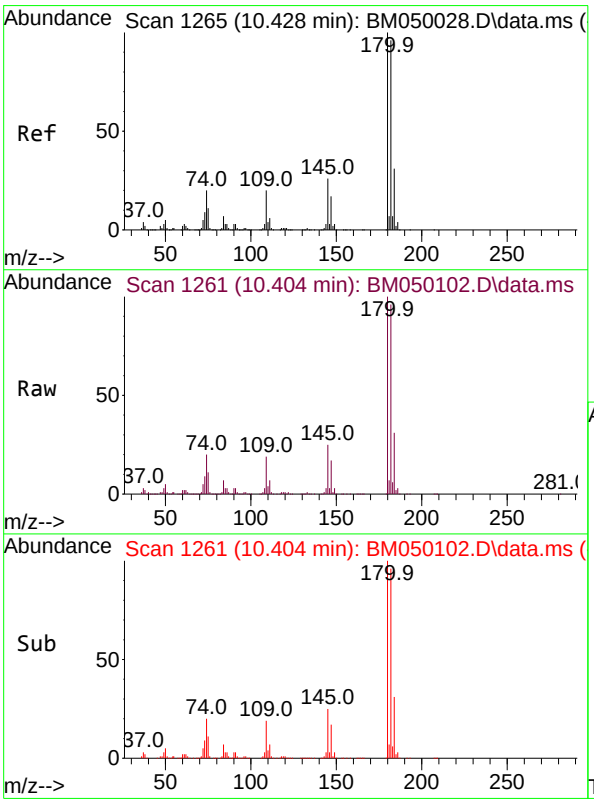
#29
2,4-Dichlorophenol
Concen: 46.064 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:162 Resp: 803843

Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.4	85.4
98	30.3	11.3	51.3

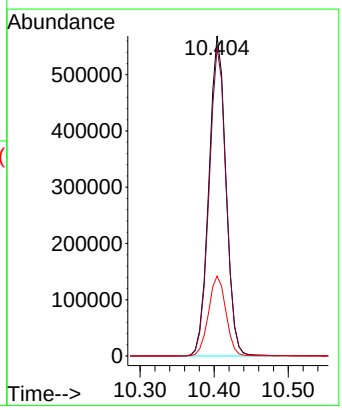


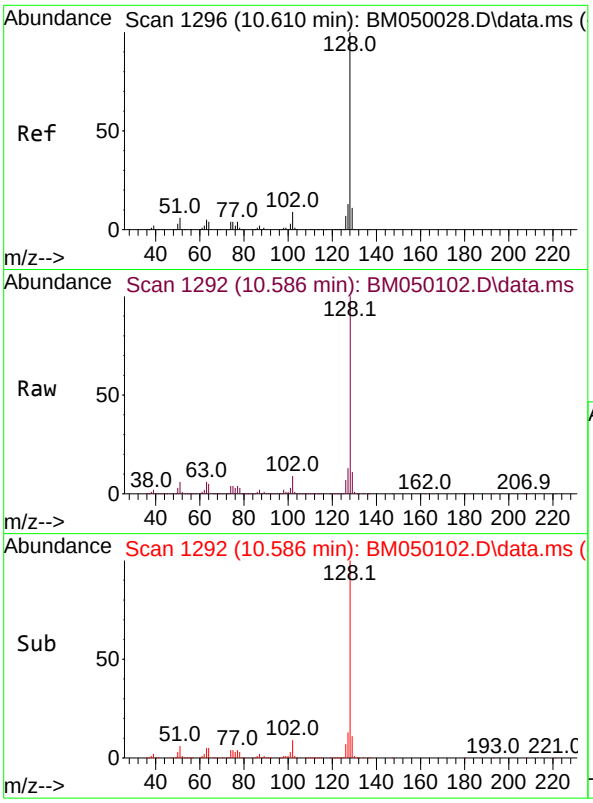


#30
1,2,4-Trichlorobenzene
Concen: 42.755 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:180 Resp: 909008

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.0	115.4
145	25.0	20.6	30.8



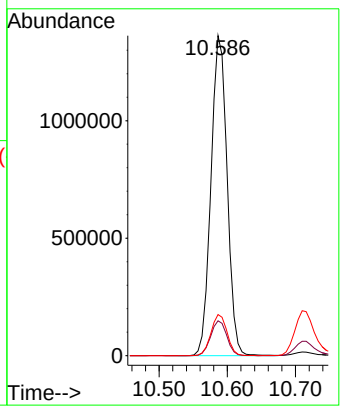


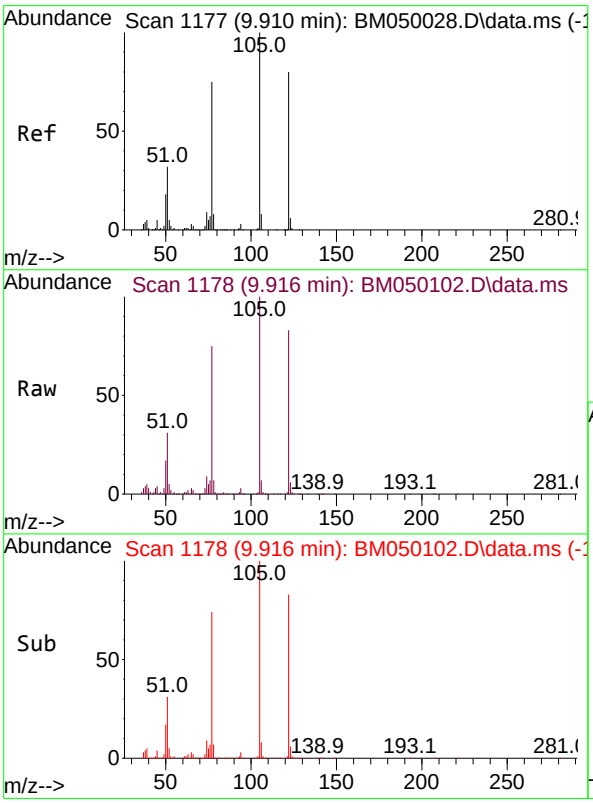
#31
Naphthalene
Concen: 42.321 ng
RT: 10.586 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:128 Resp: 2245700

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.4	15.6

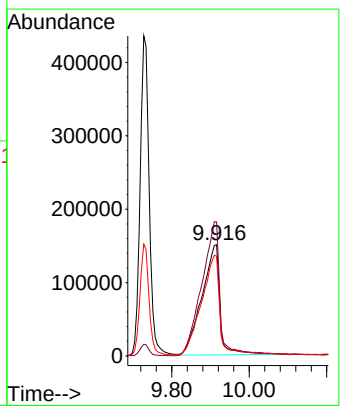


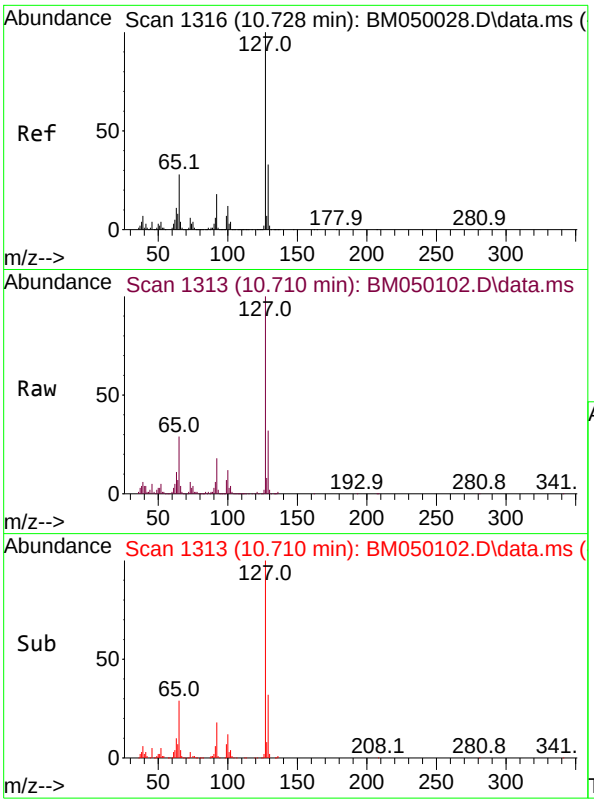


#32
Benzoic acid
Concen: 48.767 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:122 Resp: 485833

Ion	Ratio	Lower	Upper
122	100		
105	120.6	103.6	143.6
77	89.8	73.7	113.7



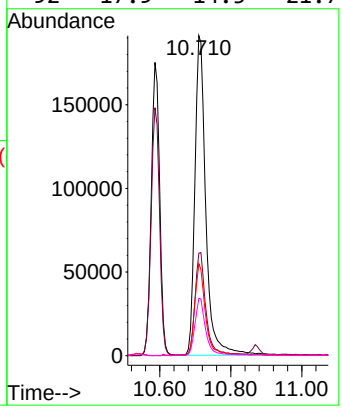


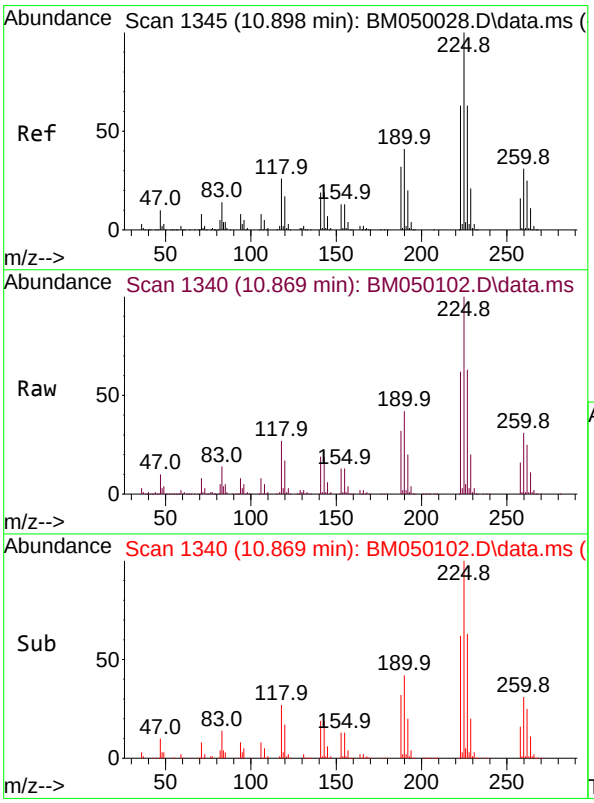
#33
4-Chloroaniline
Concen: 18.940 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:127 Resp: 411943

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	28.8	22.5	33.7
92	17.9	14.5	21.7

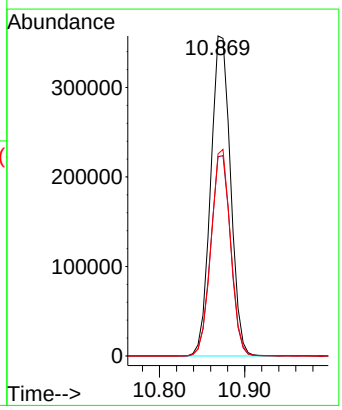


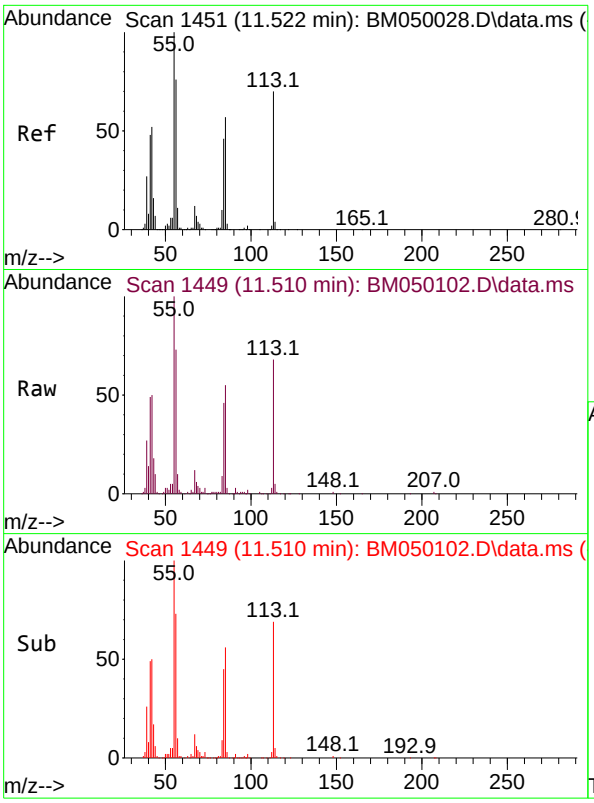


#34
Hexachlorobutadiene
Concen: 42.741 ng
RT: 10.869 min Scan# 1340
Delta R.T. -0.030 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:225 Resp: 576823

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	63.1	50.6	76.0



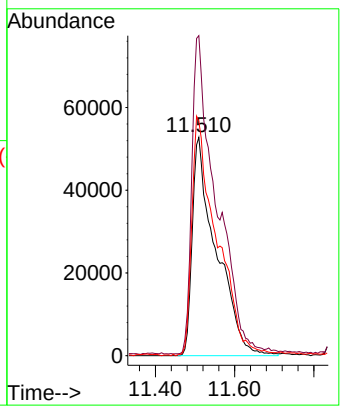


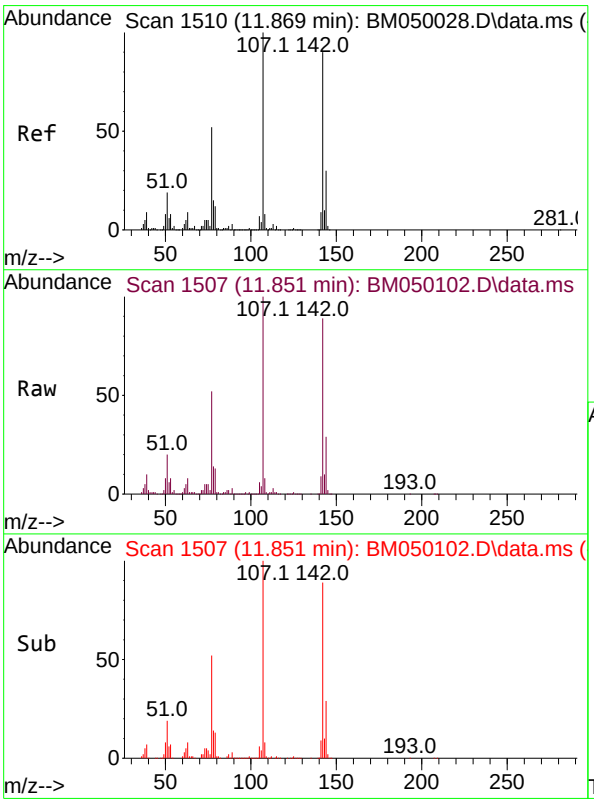
#35
Caprolactam
Concen: 43.397 ng
RT: 11.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:113 Resp: 220808

Ion	Ratio	Lower	Upper
113	100		
55	146.6	122.9	162.9
56	107.3	88.1	128.1

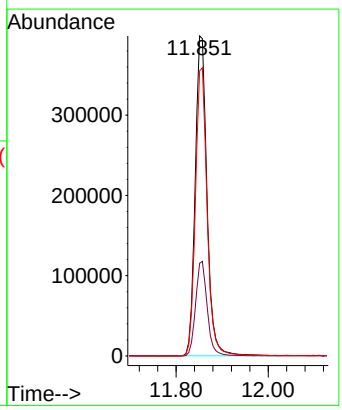


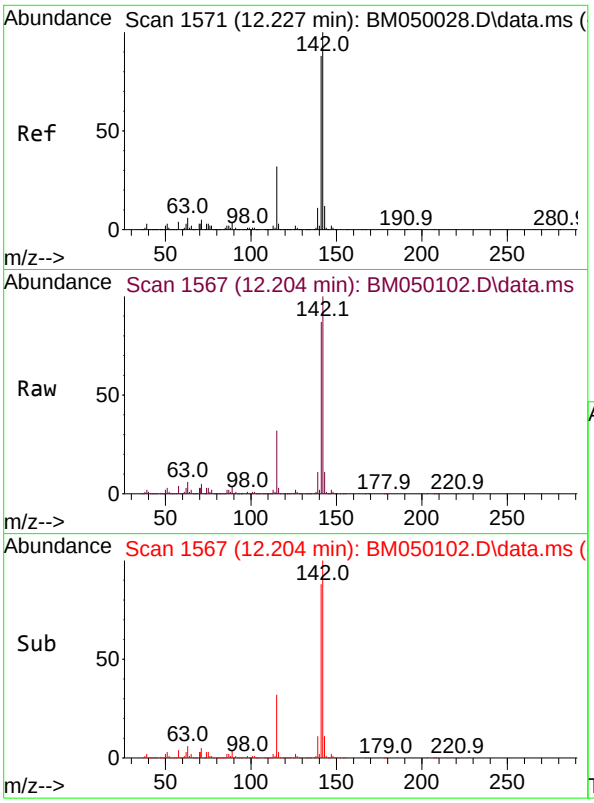


#36
4-Chloro-3-methylphenol
Concen: 43.872 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:107 Resp: 707311

Ion	Ratio	Lower	Upper
107	100		
144	29.0	23.8	35.6
142	89.1	71.9	107.9



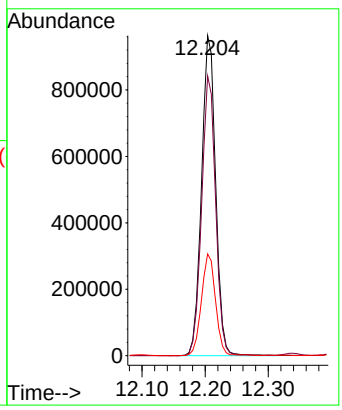


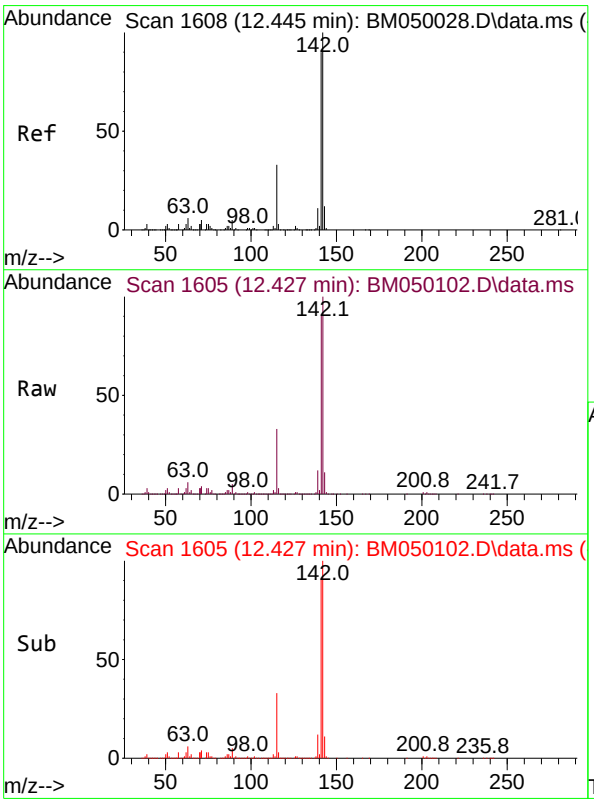
#37
2-Methylnaphthalene
Concen: 41.951 ng
RT: 12.204 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:142 Resp: 1492444

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.4	105.6
115	31.8	25.4	38.2

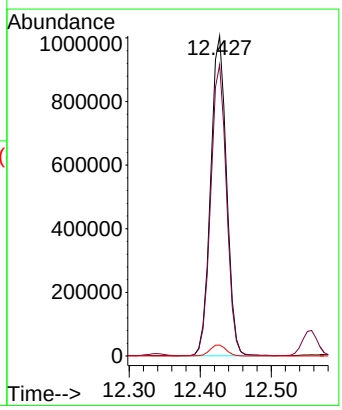


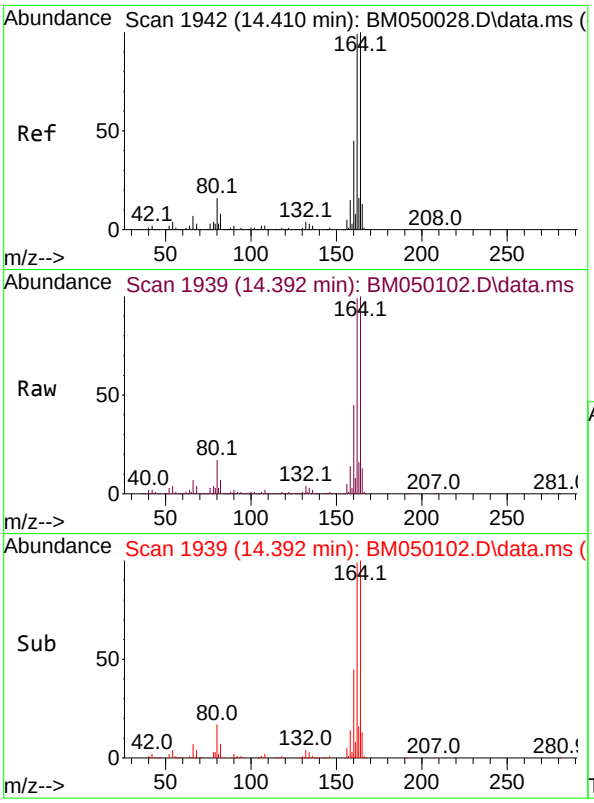


#38
1-Methylnaphthalene
Concen: 41.462 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:142 Resp: 1561032

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.1	108.1
116	3.4	2.7	4.1



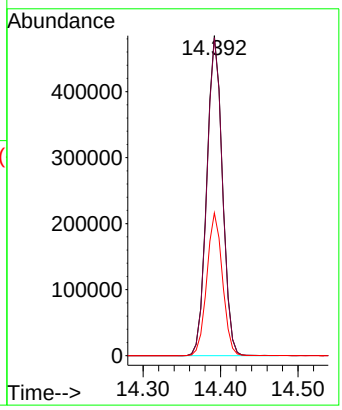


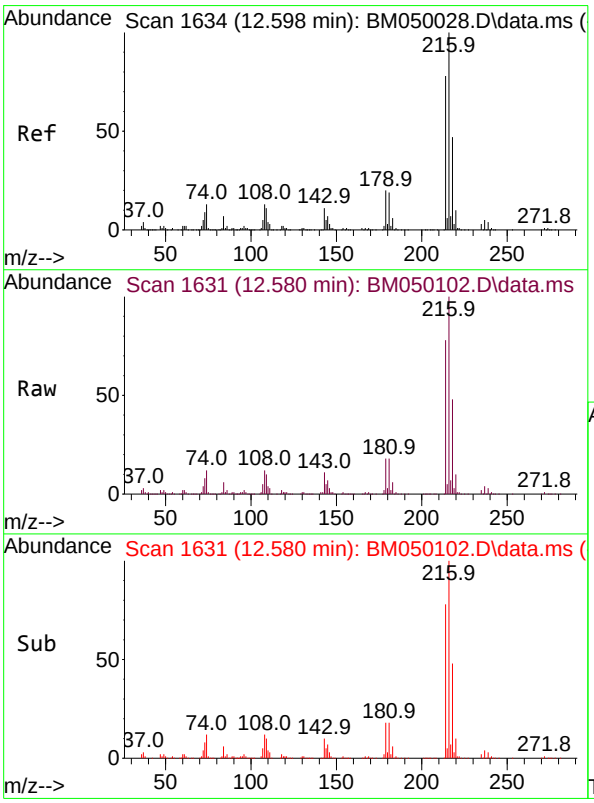
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:164 Resp: 677703

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.4	119.0
160	44.6	36.2	54.4

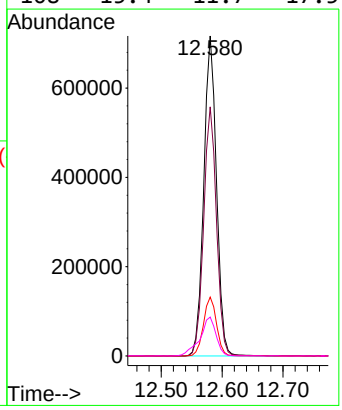


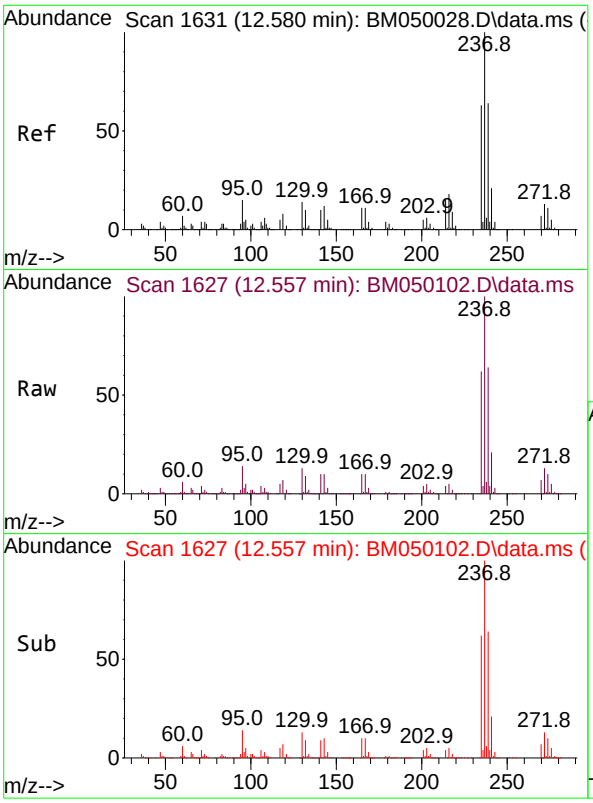


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.382 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:216 Resp: 1041214

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.3	93.5
179	18.9	15.4	23.0
108	15.4	11.7	17.5



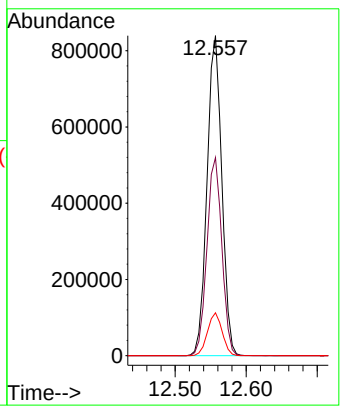


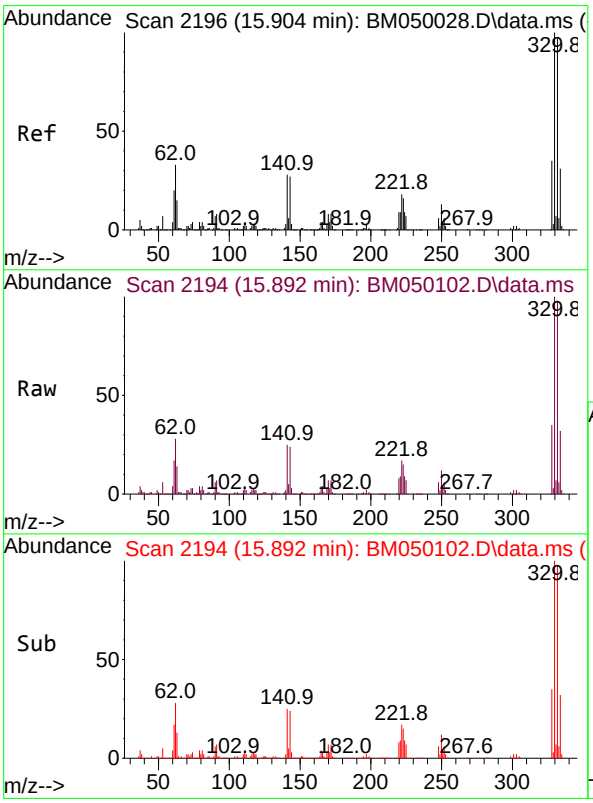
#41
Hexachlorocyclopentadiene
Concen: 84.498 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:237 Resp: 1211458

Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.9	82.9
272	13.4	0.0	32.9

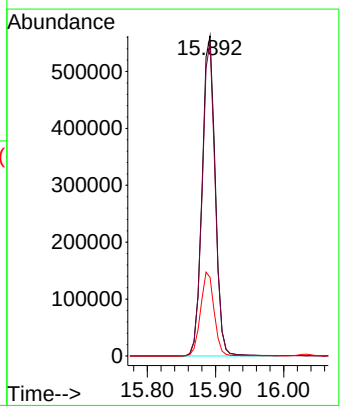


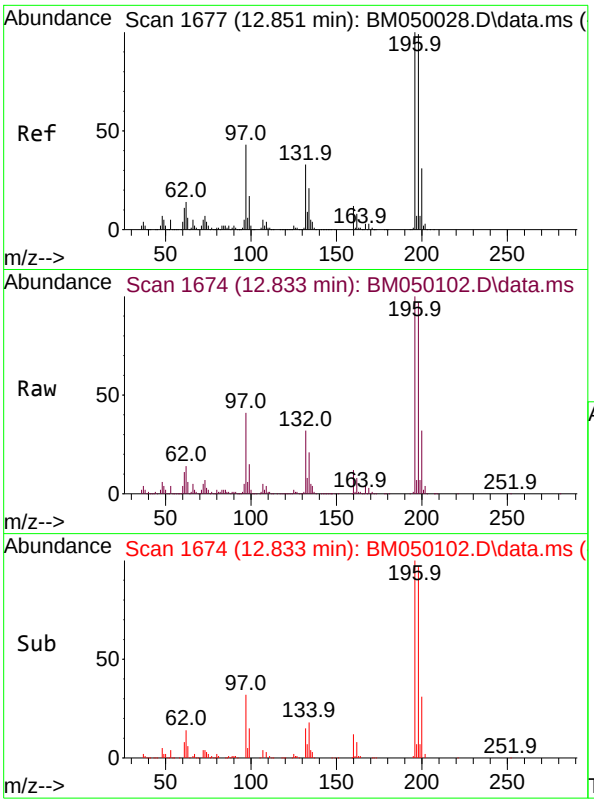


#42
2,4,6-Tribromophenol
Concen: 75.105 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:330 Resp: 752609

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	27.2	22.5	33.7



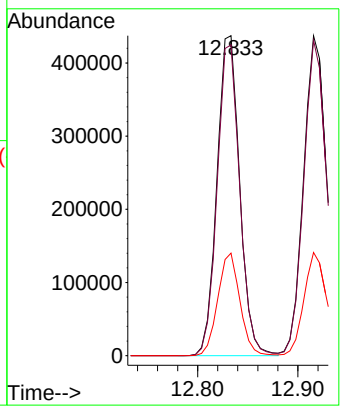


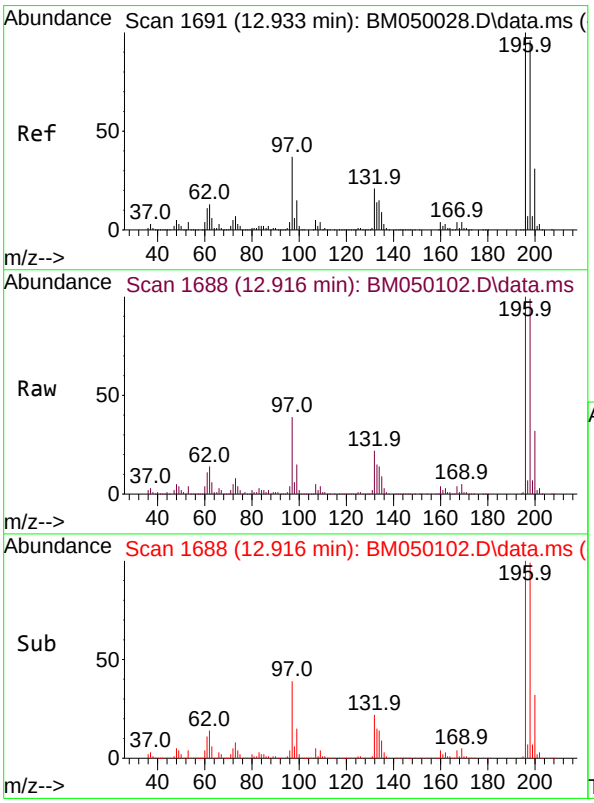
#43
2,4,6-Trichlorophenol
Concen: 46.248 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:196 Resp: 688174

Ion	Ratio	Lower	Upper
196	100		
198	97.1	79.0	118.6
200	32.1	25.1	37.7

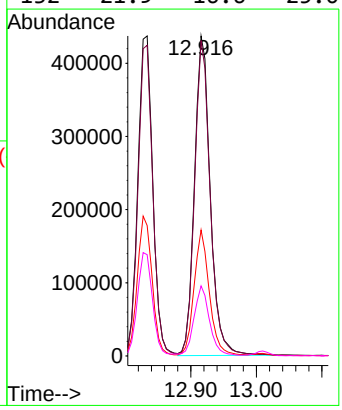


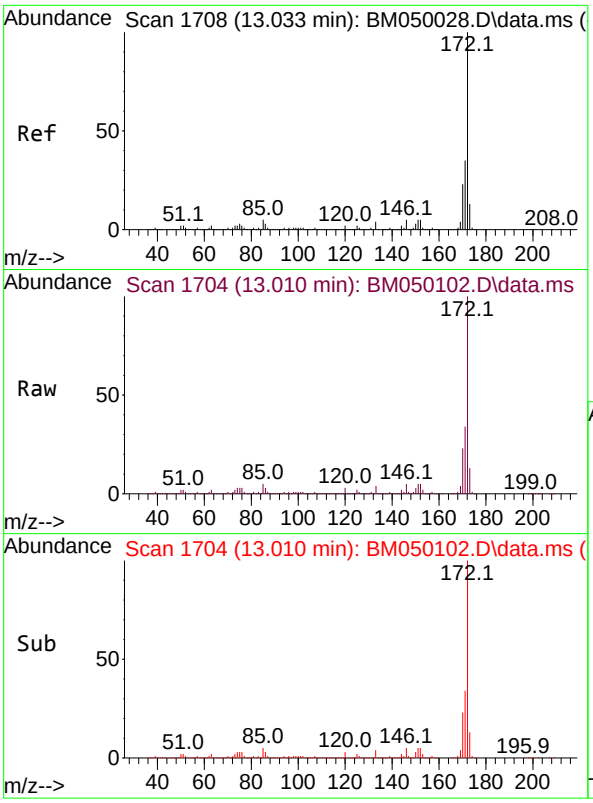


#44
2,4,5-Trichlorophenol
Concen: 45.812 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:196 Resp: 735097

Ion	Ratio	Lower	Upper
196	100		
198	98.6	76.7	115.1
97	39.4	30.1	45.1
132	21.9	16.6	25.0



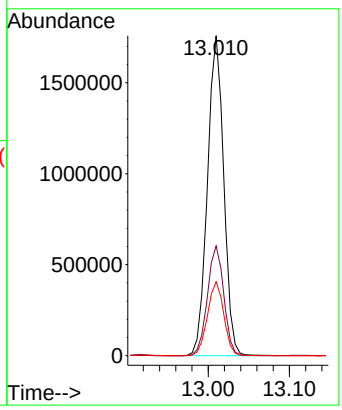


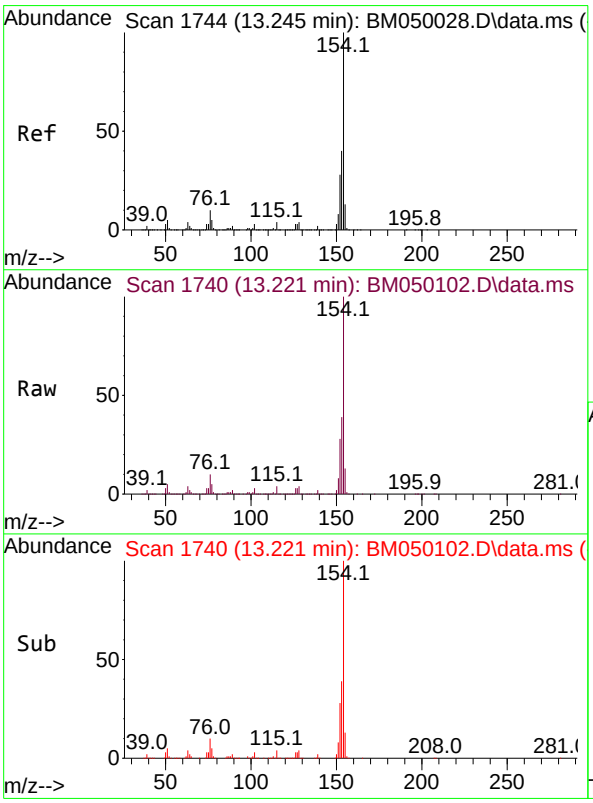
#45
2-Fluorobiphenyl
Concen: 42.705 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:172 Resp: 2446445

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	23.1	18.6	28.0

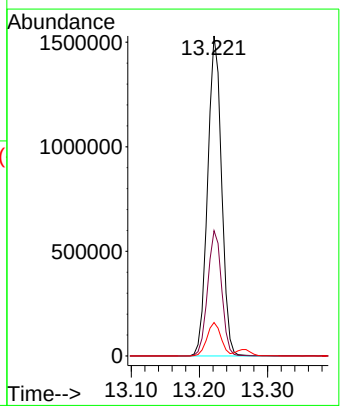


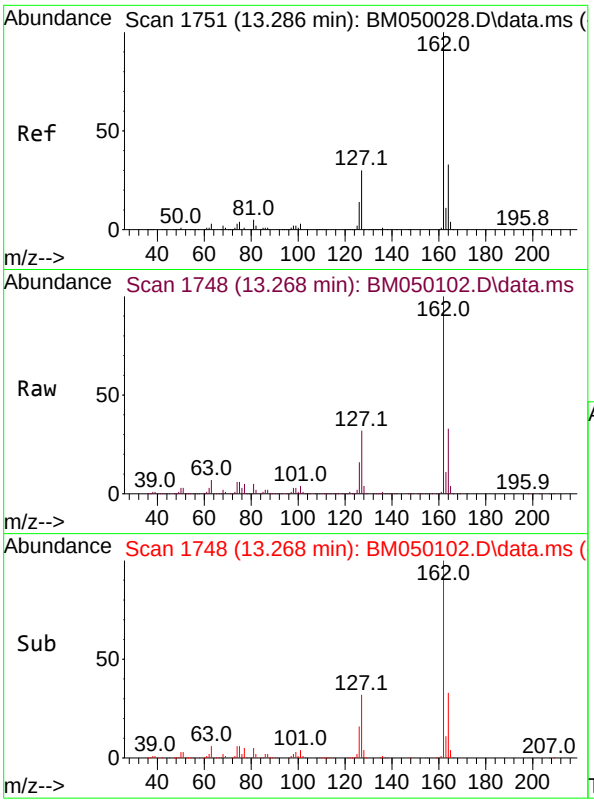


#46
1,1'-Biphenyl
Concen: 43.105 ng
RT: 13.221 min Scan# 1740
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:154 Resp: 2171525

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.0	60.0
76	10.5	0.0	30.3



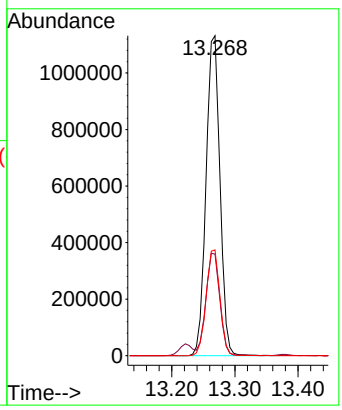


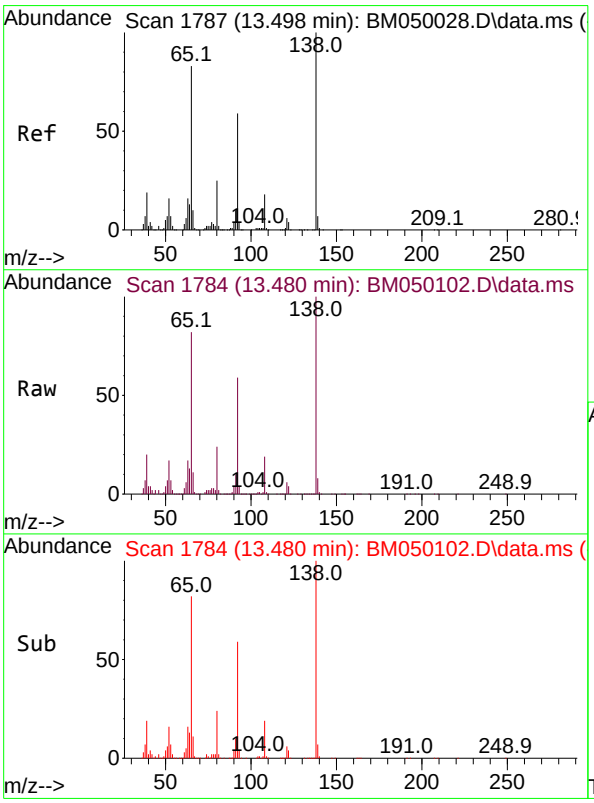
#47
2-Chloronaphthalene
Concen: 43.436 ng
RT: 13.268 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:162 Resp: 1733055

Ion	Ratio	Lower	Upper
162	100		
127	31.7	25.9	38.9
164	33.0	26.6	40.0

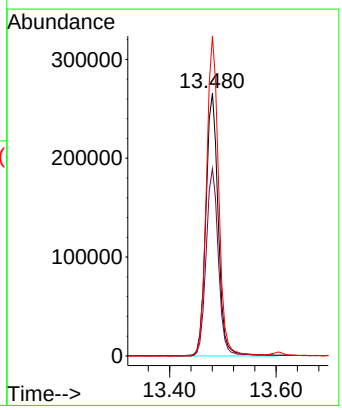


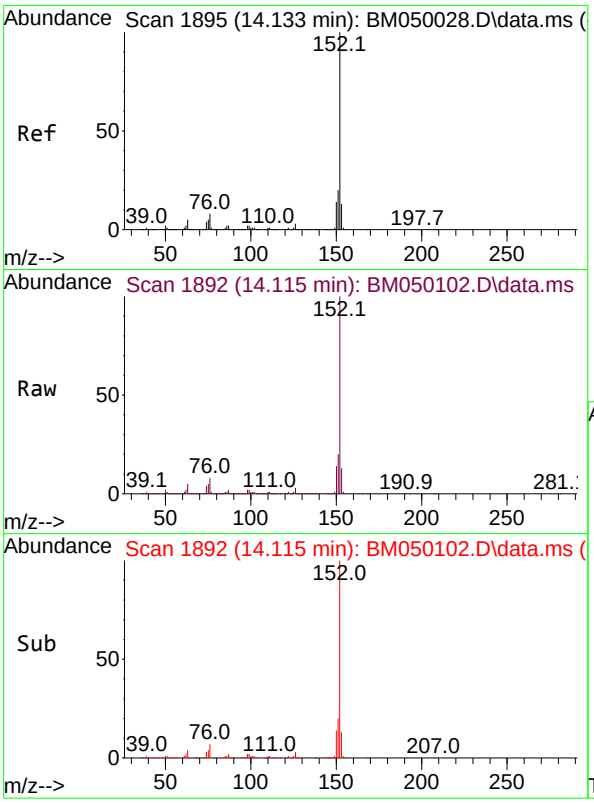


#48
2-Nitroaniline
Concen: 45.573 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion: 65 Resp: 426754

Ion	Ratio	Lower	Upper
65	100		
92	71.3	57.1	85.7
138	121.8	97.0	145.4



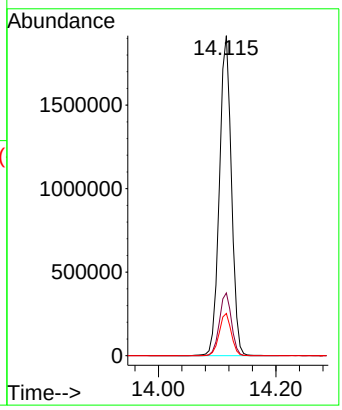


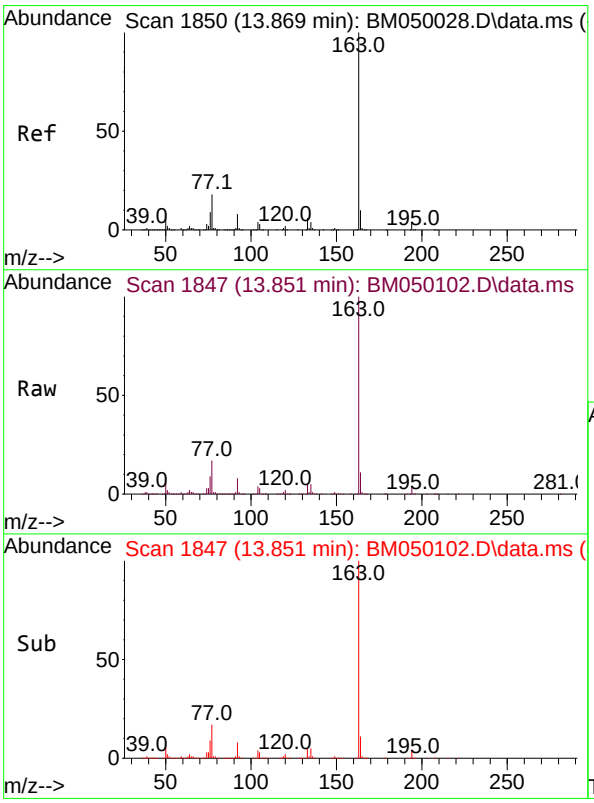
#49
Acenaphthylene
Concen: 43.026 ng
RT: 14.115 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:152 Resp: 2706657

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.2	10.6	15.8

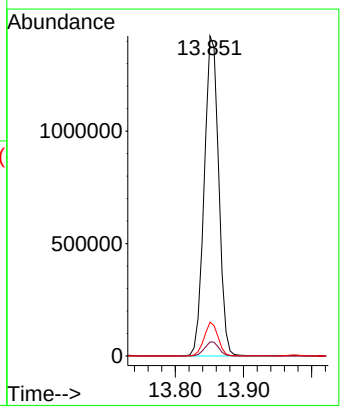


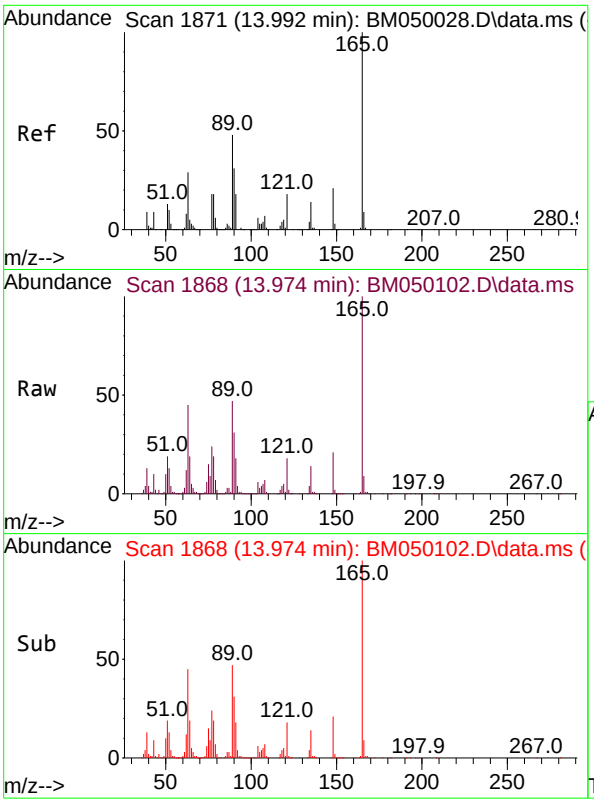


#50
Dimethylphthalate
Concen: 42.338 ng
RT: 13.851 min Scan# 1847
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:163 Resp: 2096886

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.6	8.2	12.2



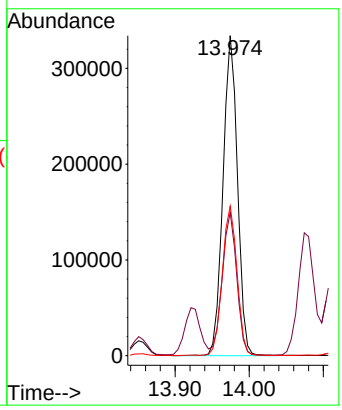


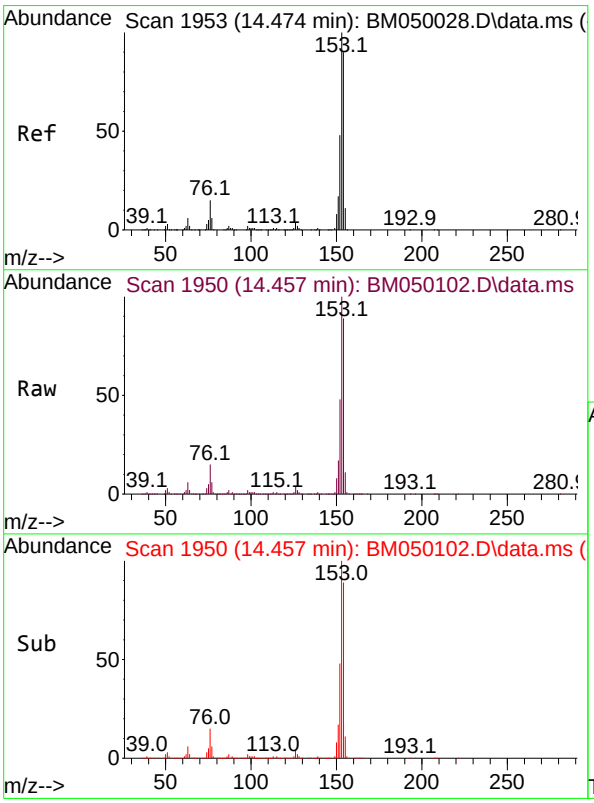
#51
2,6-Dinitrotoluene
Concen: 44.235 ng
RT: 13.974 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:165 Resp: 453604

Ion	Ratio	Lower	Upper
165	100		
63	44.8	35.1	52.7
89	46.8	38.4	57.6

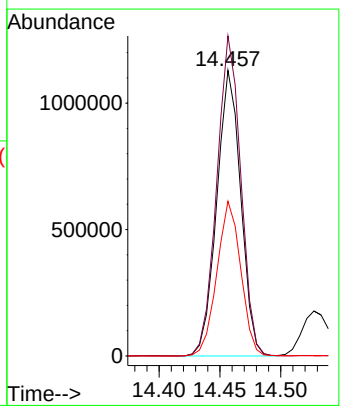


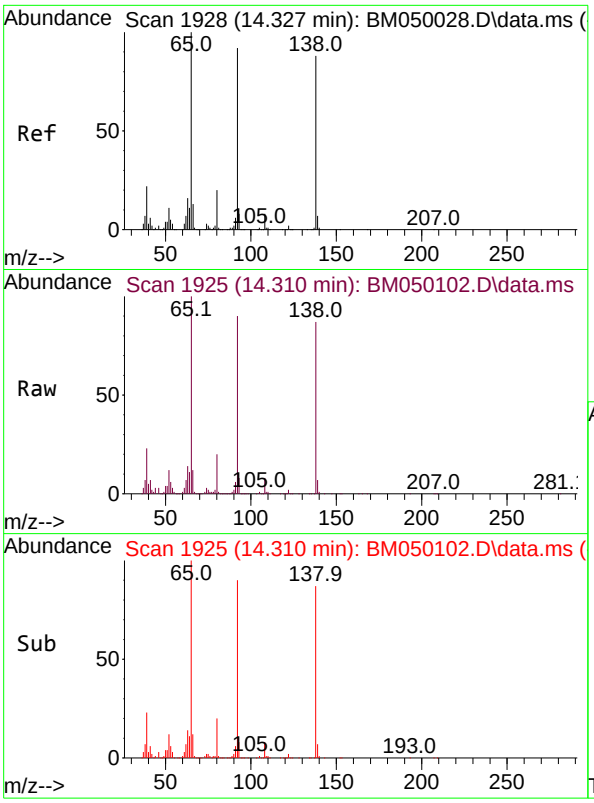


#52
Acenaphthene
Concen: 42.580 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:154 Resp: 1550487

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.0	133.4
152	54.2	43.0	64.6



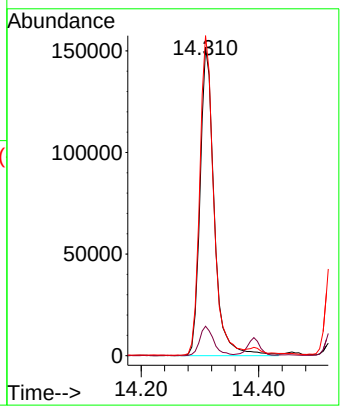


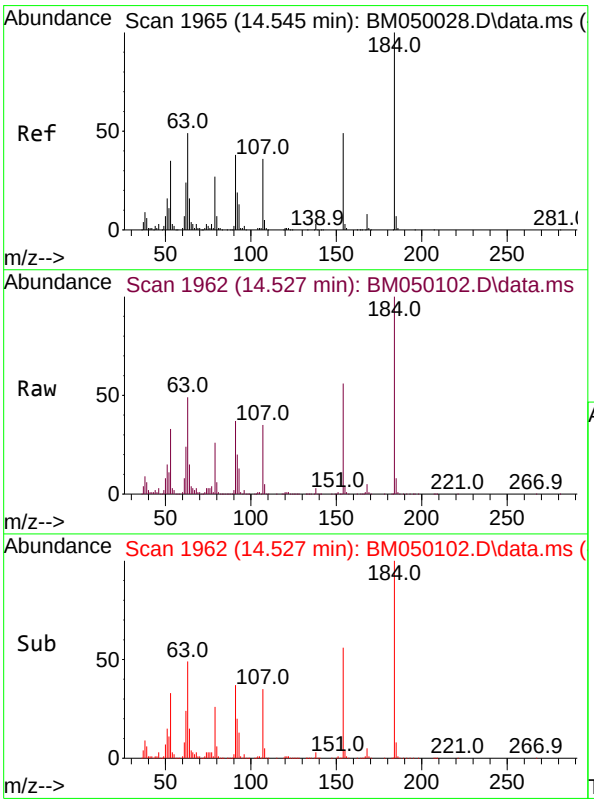
#53
3-Nitroaniline
Concen: 25.944 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:138 Resp: 253994

Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.4	11.2
92	103.7	84.0	126.0

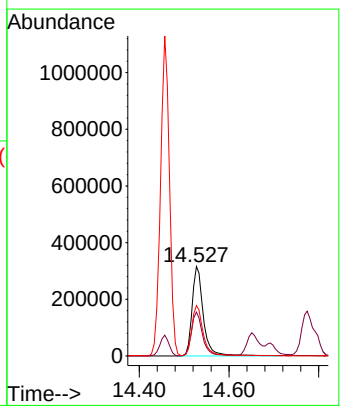


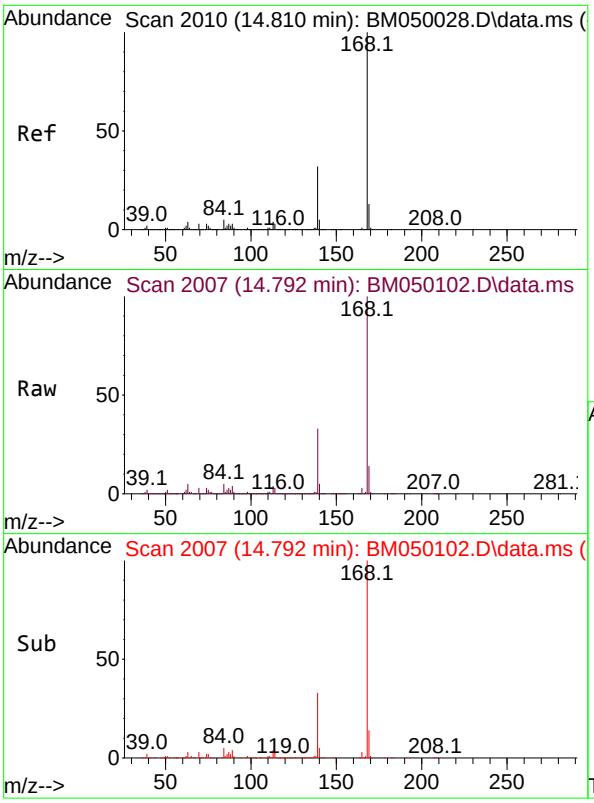


#54
2,4-Dinitrophenol
Concen: 83.383 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:184 Resp: 548918

Ion	Ratio	Lower	Upper
184	100		
63	49.1	39.8	59.6
154	56.4	46.1	69.1



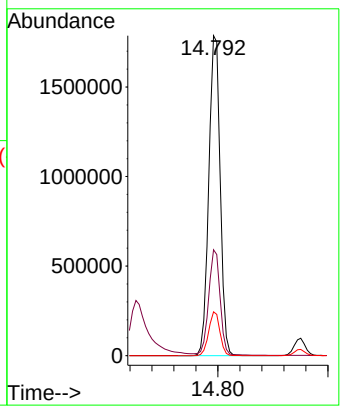


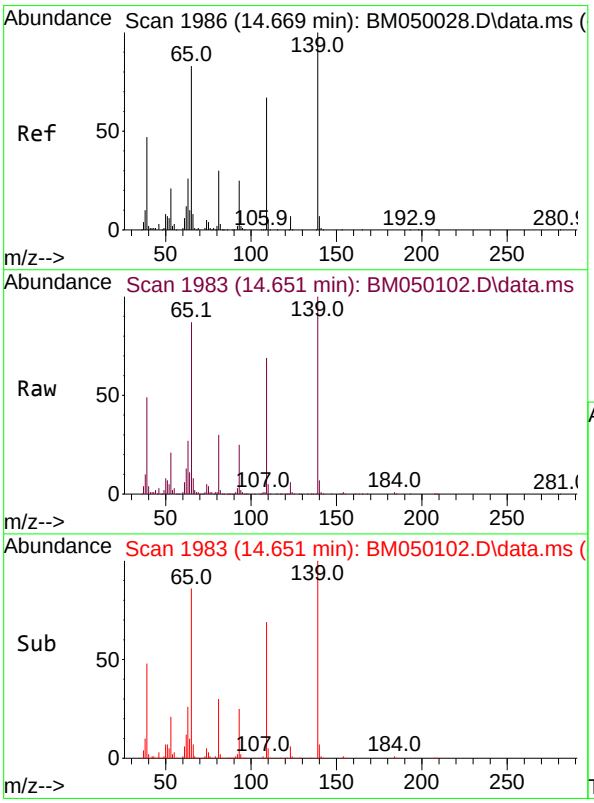
#55
Dibenzofuran
Concen: 42.327 ng
RT: 14.792 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:168 Resp: 2564349

Ion	Ratio	Lower	Upper
168	100		
139	33.1	26.1	39.1
169	13.7	10.8	16.2

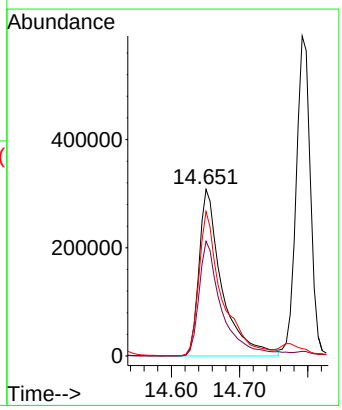


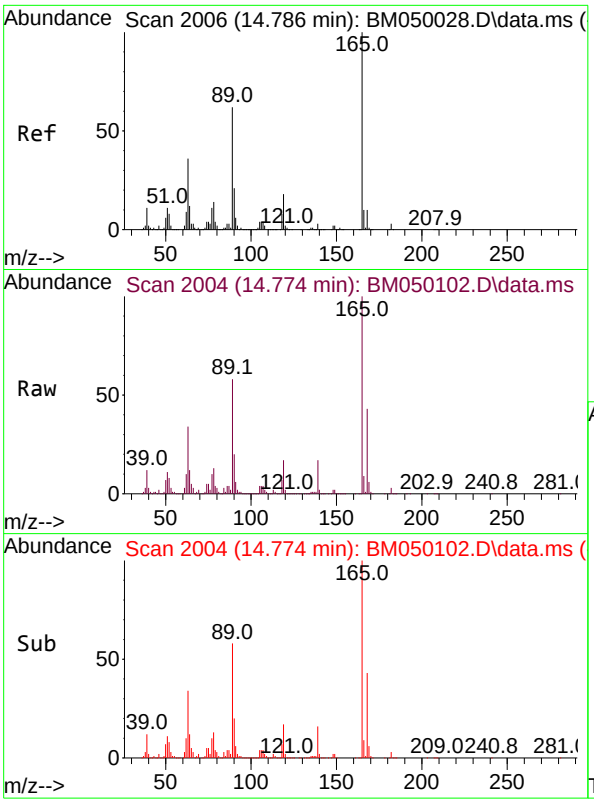


#56
4-Nitrophenol
Concen: 89.353 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:139 Resp: 716138

Ion	Ratio	Lower	Upper
139	100		
109	68.8	47.0	87.0
65	86.7	64.3	104.3



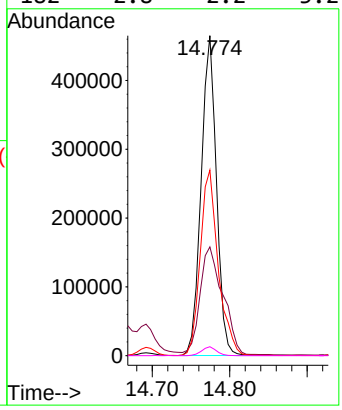


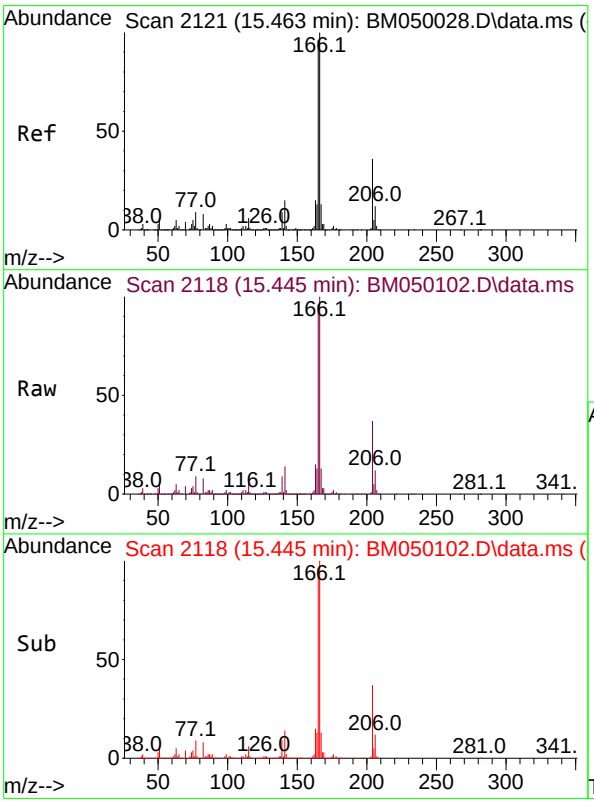
#57
2,4-Dinitrotoluene
Concen: 45.069 ng
RT: 14.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:165 Resp: 638601

Ion	Ratio	Lower	Upper
165	100		
63	34.0	29.0	43.6
89	58.0	49.4	74.2
182	2.8	2.2	3.2

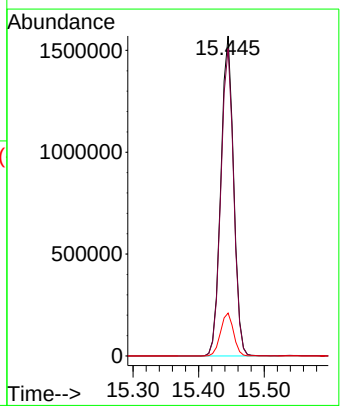


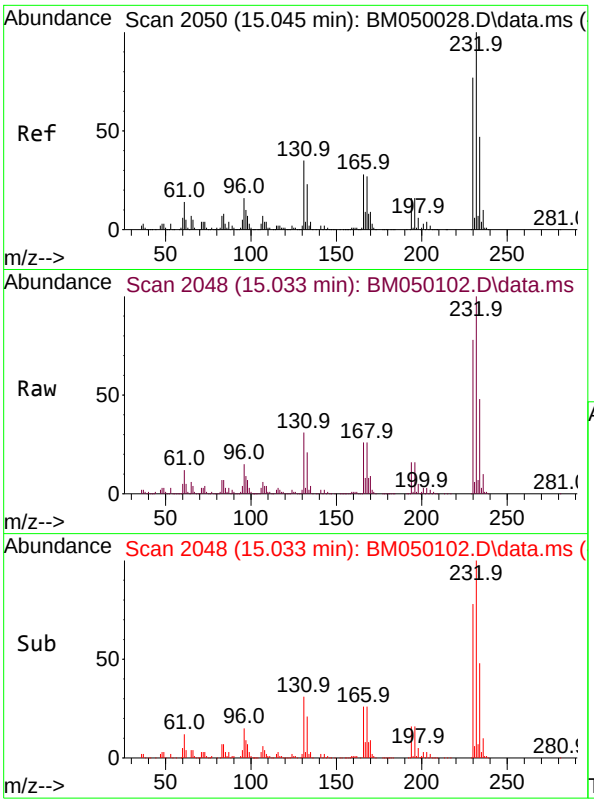


#58
Fluorene
Concen: 42.668 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:166 Resp: 2115905

Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.6	115.0
167	13.4	10.6	16.0



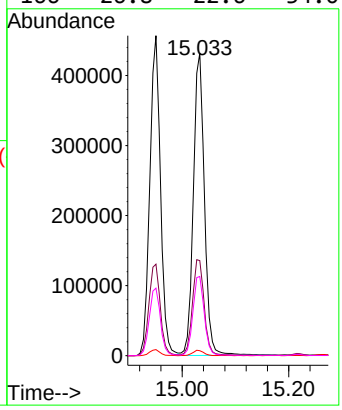


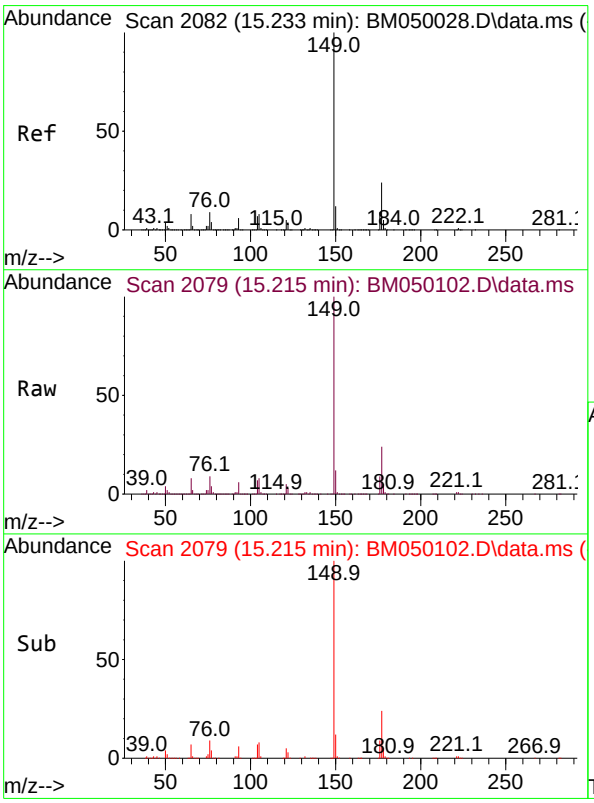
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.001 ng
RT: 15.033 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:232 Resp: 625034

Ion	Ratio	Lower	Upper
232	100		
131	33.3	28.2	42.4
130	1.8	1.5	2.3
166	26.8	22.6	34.0

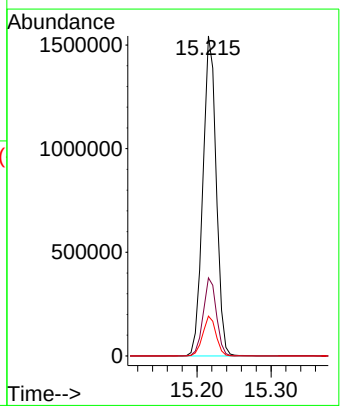


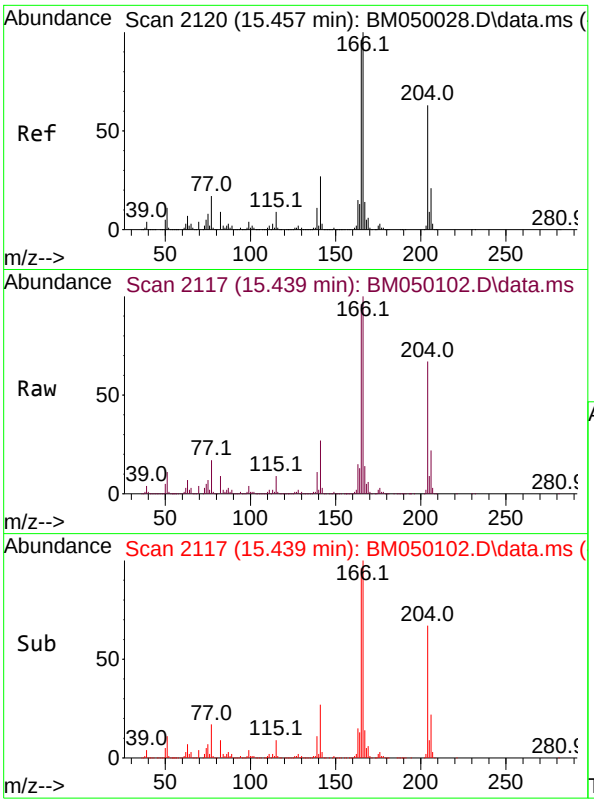


#60
Diethylphthalate
Concen: 41.567 ng
RT: 15.215 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:149 Resp: 1939860

Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.1	28.7
150	12.4	9.6	14.4



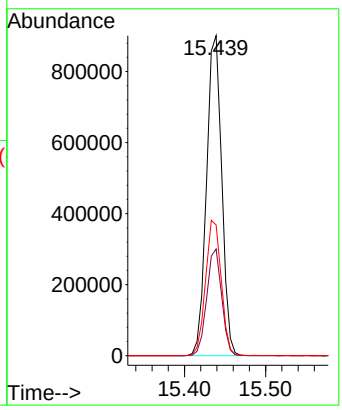


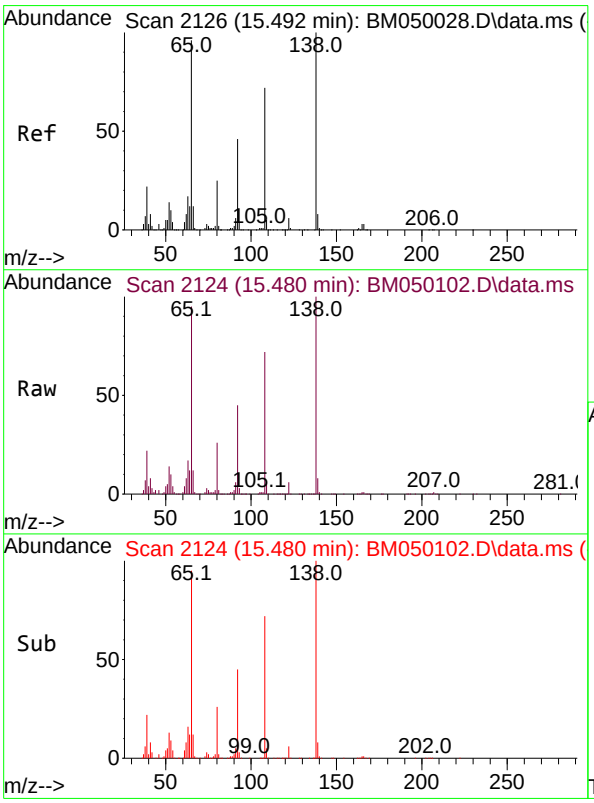
#61
4-Chlorophenyl-phenylether
Concen: 42.934 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:204 Resp: 1169405

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.3	39.5
141	40.9	34.0	51.0

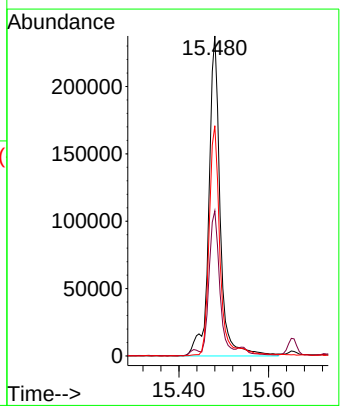


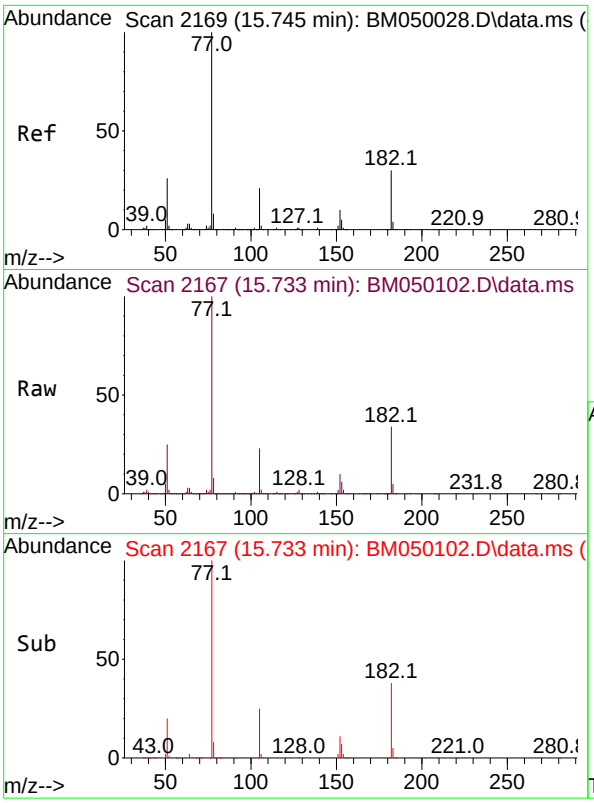


#62
4-Nitroaniline
Concen: 44.274 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:138 Resp: 418189

Ion	Ratio	Lower	Upper
138	100		
92	45.4	25.9	65.9
108	71.9	52.4	92.4



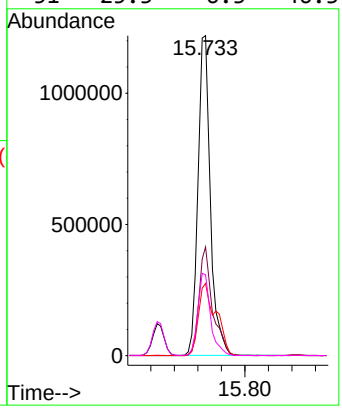


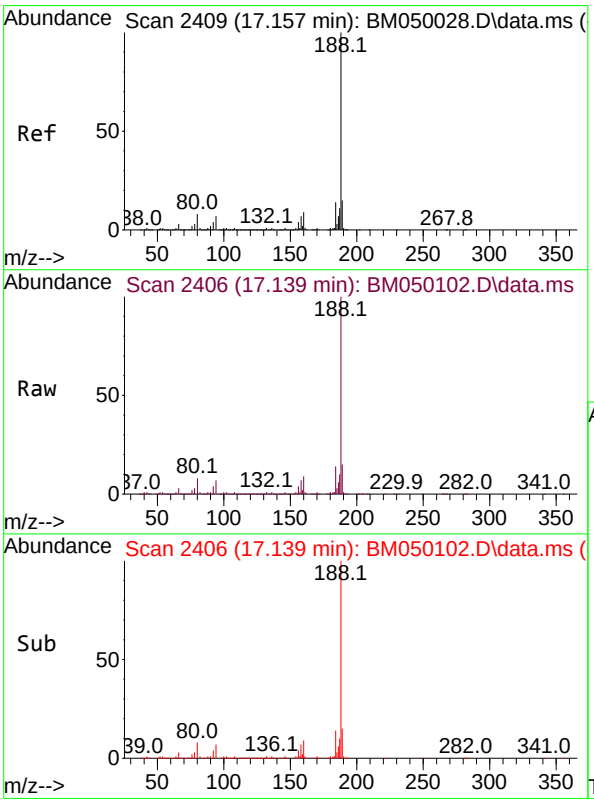
#63
Azobenzene
Concen: 45.668 ng
RT: 15.733 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion: 77 Resp: 1786138

Ion	Ratio	Lower	Upper
77	100		
182	34.0	10.5	50.5
105	22.5	1.1	41.1
51	25.3	6.3	46.3

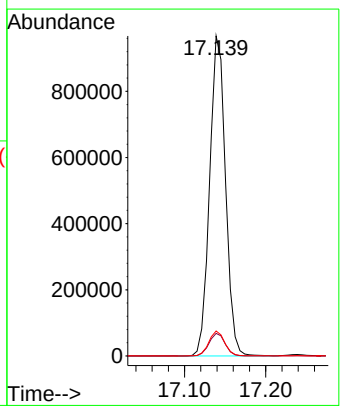


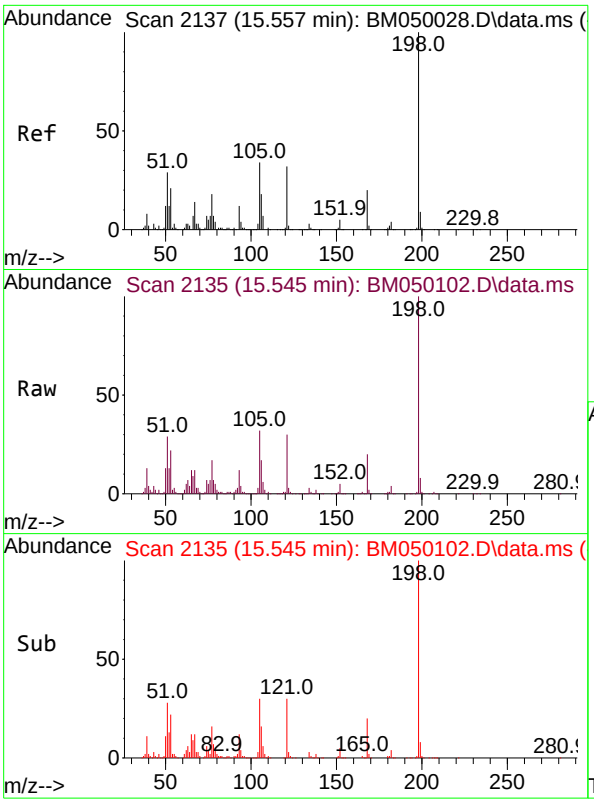


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:188 Resp: 1314656

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.8	6.2	9.4



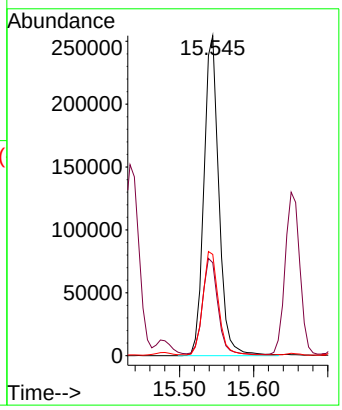


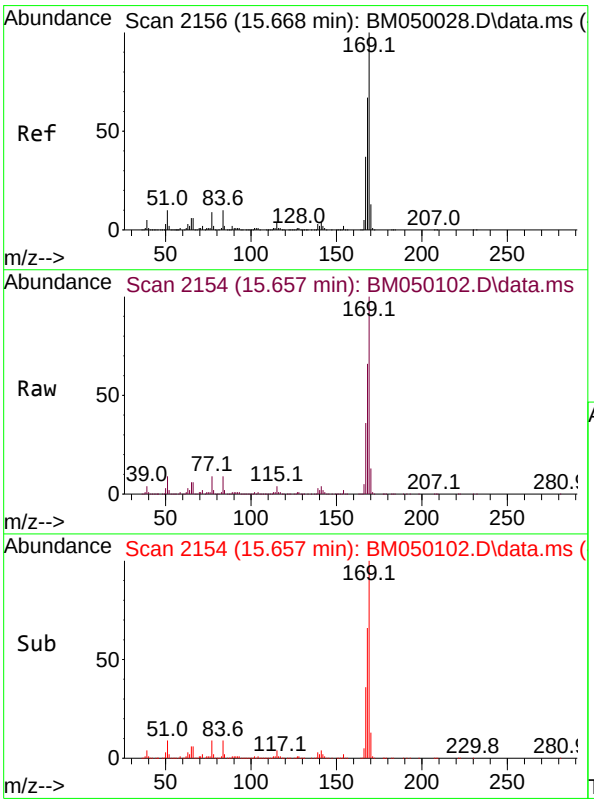
#65
4,6-Dinitro-2-methylphenol
Concen: 43.589 ng
RT: 15.545 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:198 Resp: 358709

Ion	Ratio	Lower	Upper
198	100		
51	29.0	10.4	50.4
105	31.6	14.6	54.6

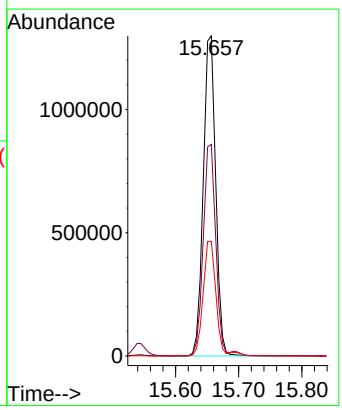


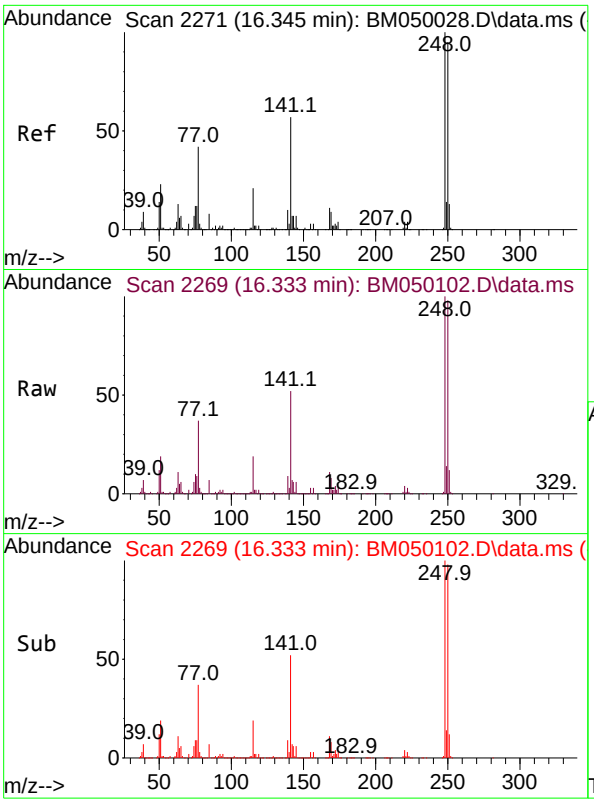


#66
n-Nitrosodiphenylamine
Concen: 43.910 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:169 Resp: 1772627

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.4	80.2
167	35.8	29.4	44.0



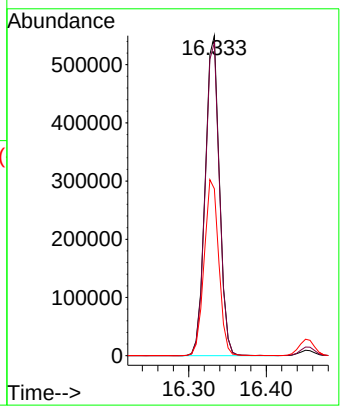


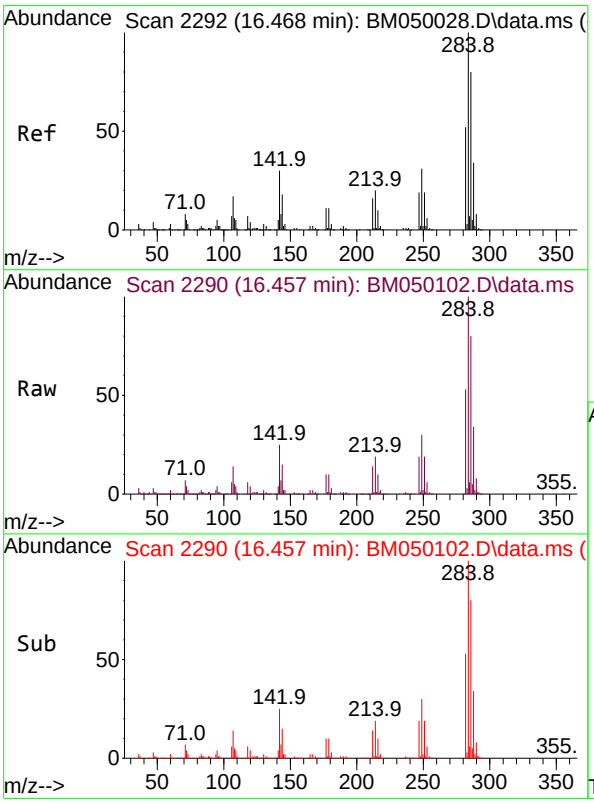
#67
4-Bromophenyl-phenylether
Concen: 44.053 ng
RT: 16.333 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:248 Resp: 700350

Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.2	114.2
141	52.2	45.9	68.9

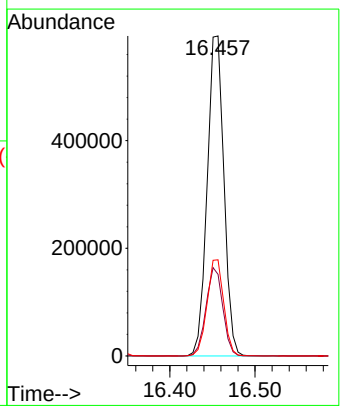


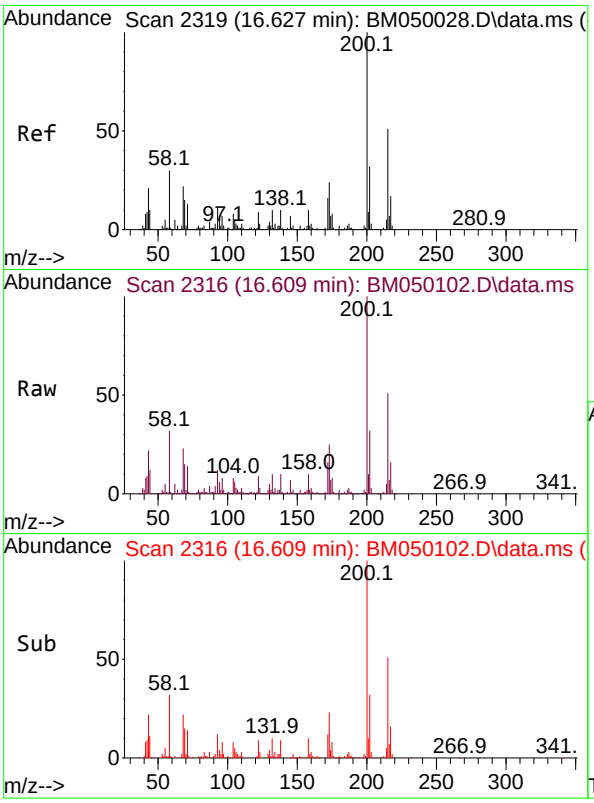


#68
Hexachlorobenzene
Concen: 44.321 ng
RT: 16.457 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:284 Resp: 812209

Ion	Ratio	Lower	Upper
284	100		
142	25.5	23.9	35.9
249	30.0	24.5	36.7



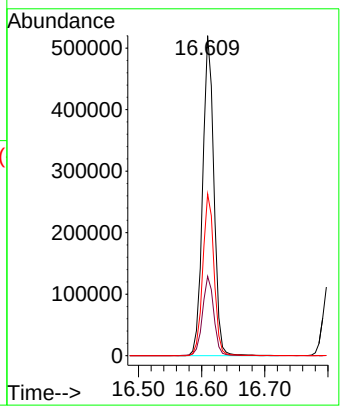


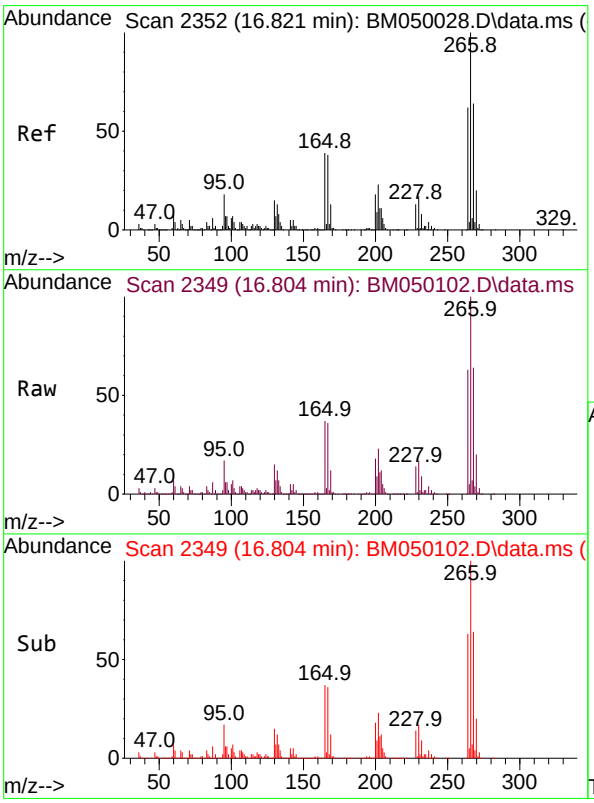
#69
Atrazine
Concen: 44.172 ng
RT: 16.609 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:200 Resp: 643224

Ion	Ratio	Lower	Upper
200	100		
173	24.8	4.3	44.3
215	50.5	30.6	70.6

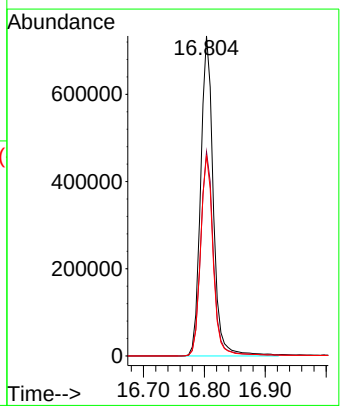


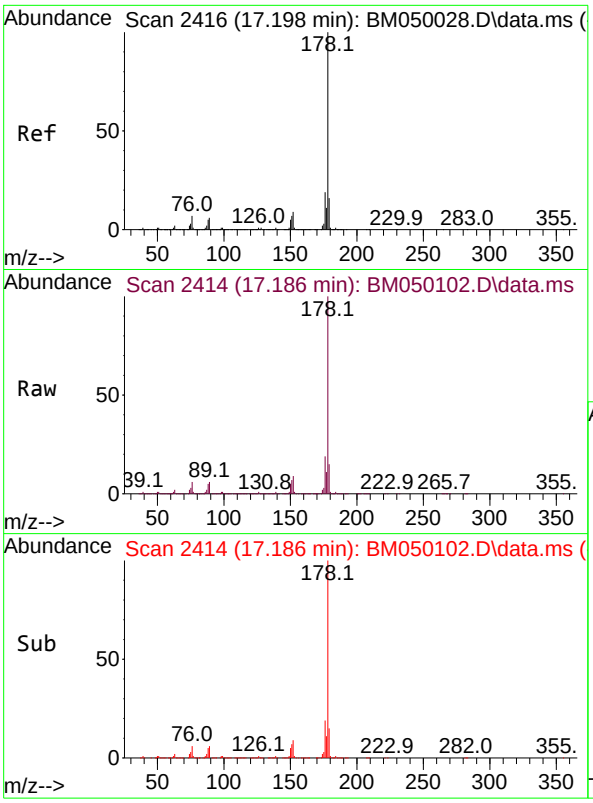


#70
Pentachlorophenol
Concen: 102.532 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.017 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:266 Resp: 1057643

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.2	76.8
264	62.8	49.6	74.4



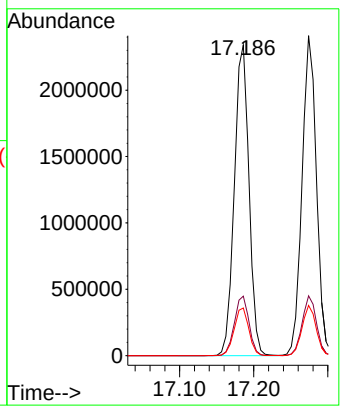


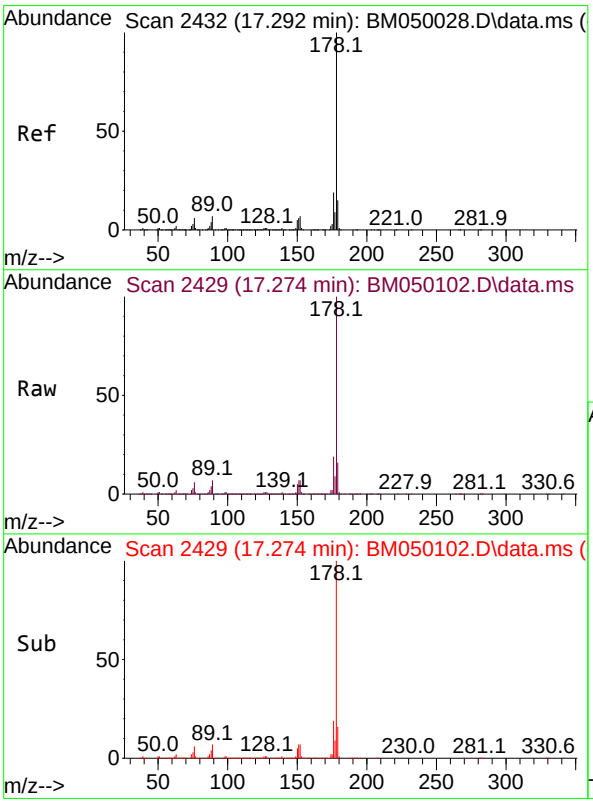
#71
Phenanthrene
Concen: 43.302 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:178 Resp: 3210759

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.4	18.6

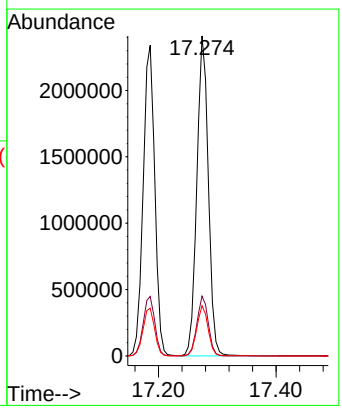


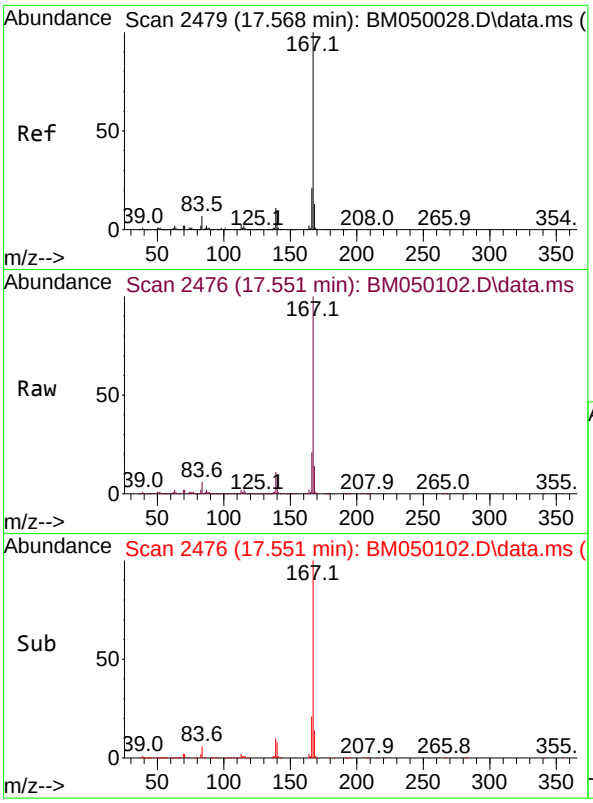


#72
Anthracene
Concen: 43.495 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:178 Resp: 3263741

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.7	12.2	18.4



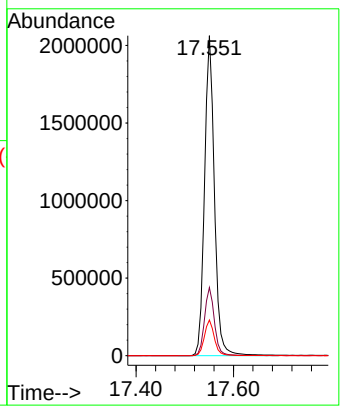


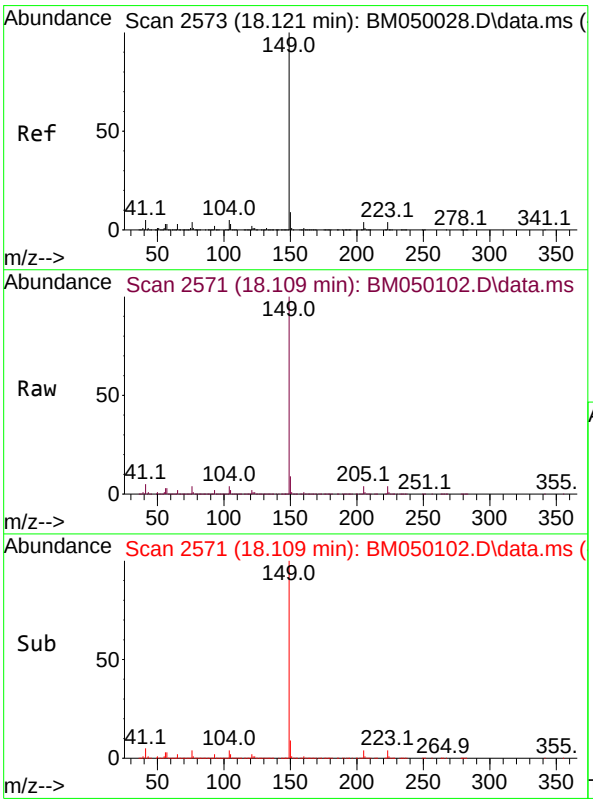
#73
Carbazole
Concen: 44.599 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:167 Resp: 2903966

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	11.1	9.0	13.6

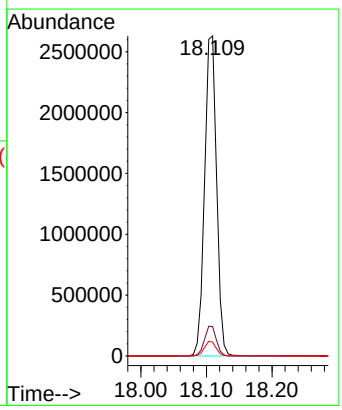


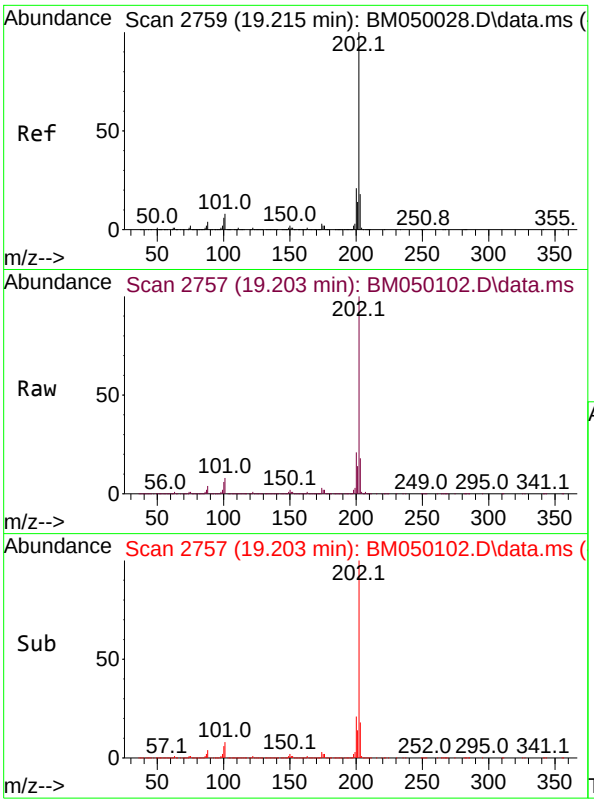


#74
Di-n-butylphthalate
Concen: 43.180 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:149 Resp: 3348299

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.3	3.8	5.6



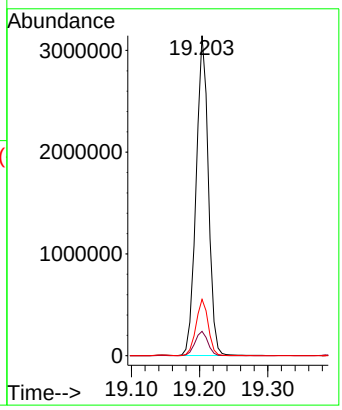


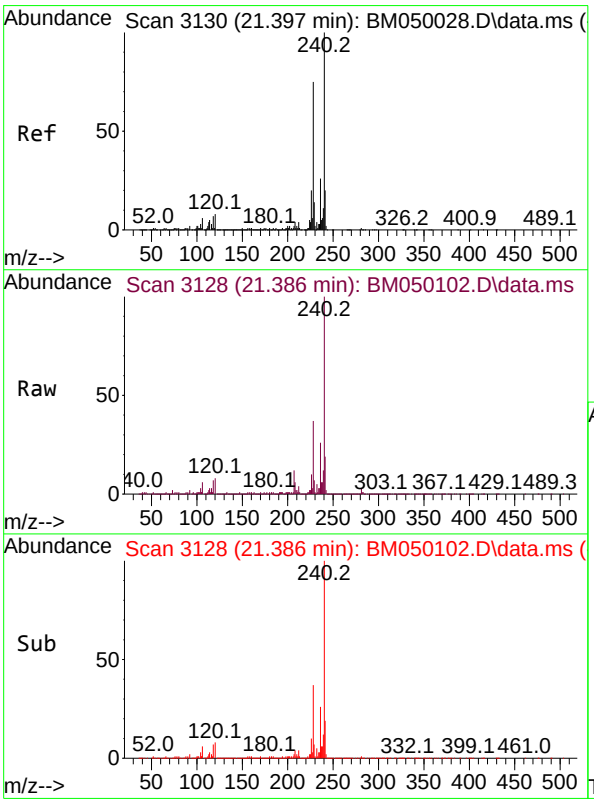
#75
Fluoranthene
Concen: 45.010 ng
RT: 19.203 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:202 Resp: 3918338

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.0
203	17.6	0.0	37.7

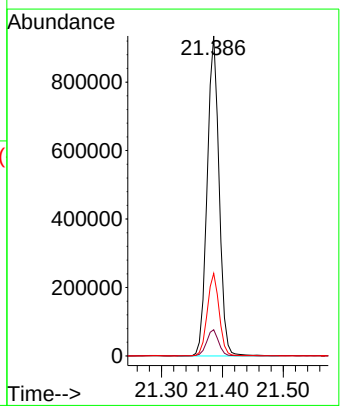


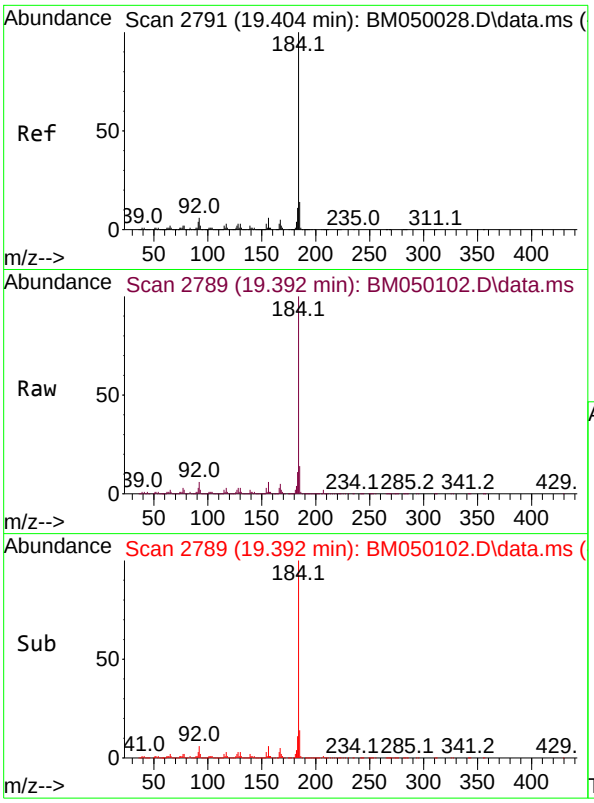


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:240 Resp: 1271557

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.5	9.7
236	25.8	20.9	31.3



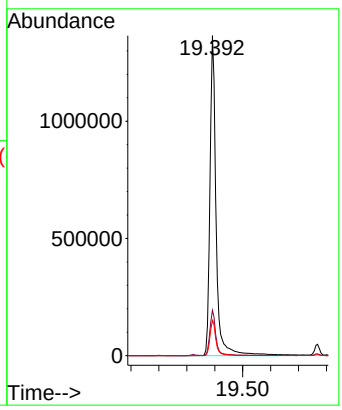


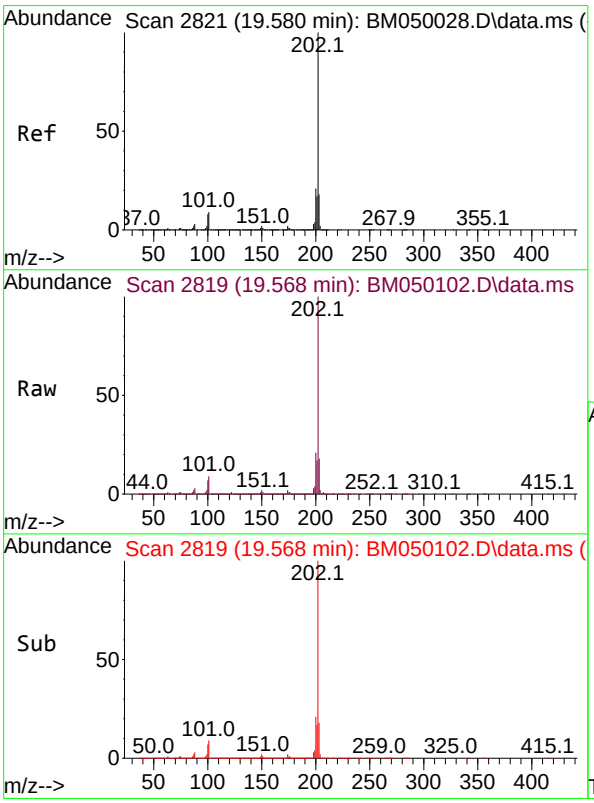
#77
Benzidine
Concen: 46.358 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:184 Resp: 2093846

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.1	8.9	13.3

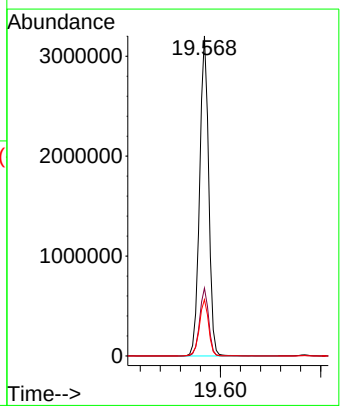


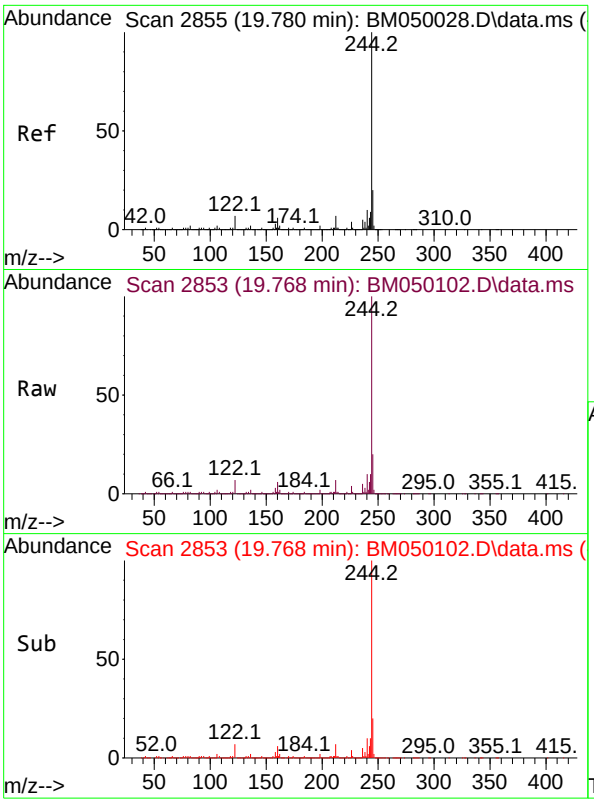


#78
Pyrene
Concen: 44.773 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:202 Resp: 3997921

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.6	14.1	21.1



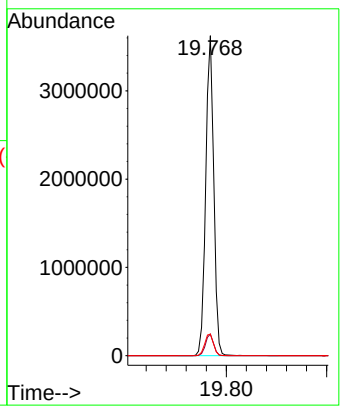


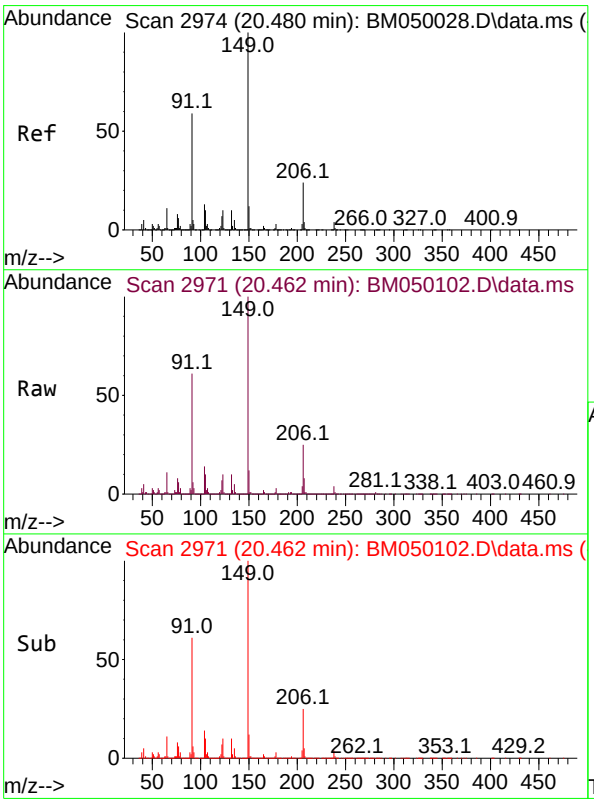
#79
Terphenyl-d14
Concen: 47.049 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:244 Resp: 4042956

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	6.7	5.6	8.4

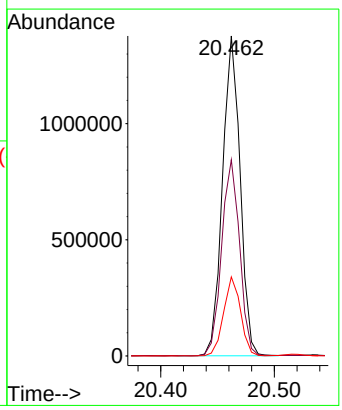


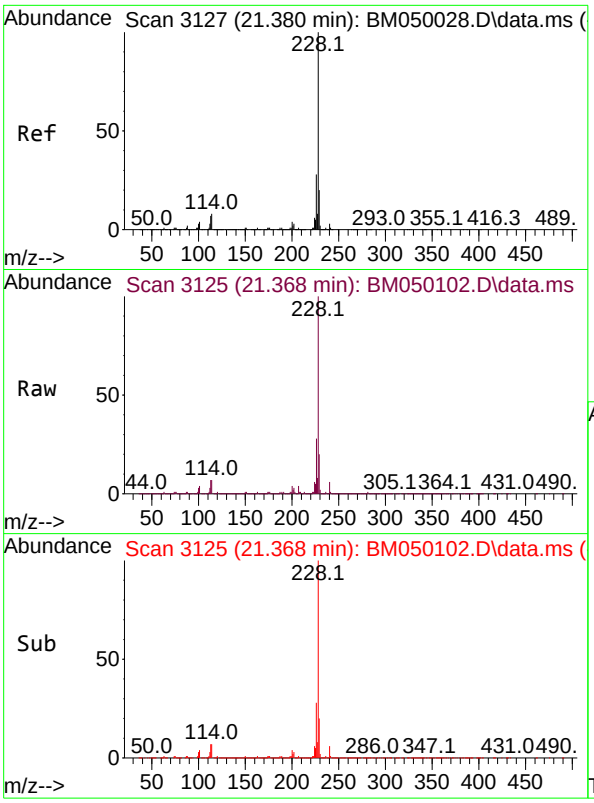


#80
Butylbenzylphthalate
Concen: 44.311 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:149 Resp: 1481929

Ion	Ratio	Lower	Upper
149	100		
91	61.3	47.4	71.2
206	24.7	19.4	29.0



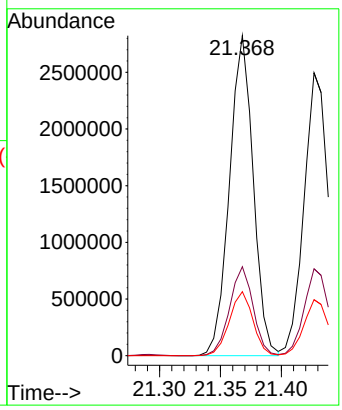


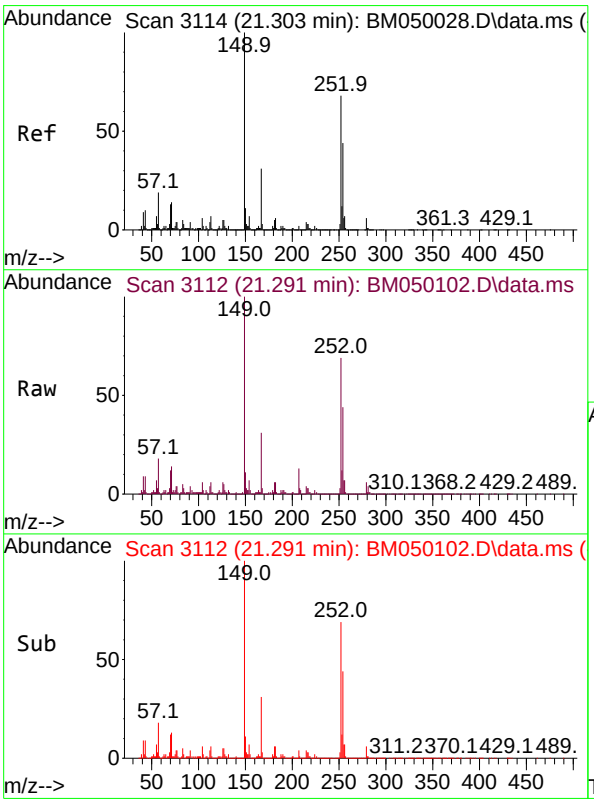
#81
Benzo(a)anthracene
Concen: 43.747 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:228 Resp: 3830639

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.0	15.7	23.5

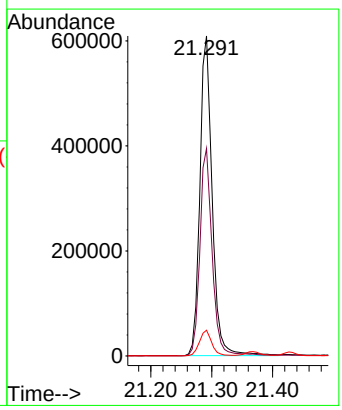


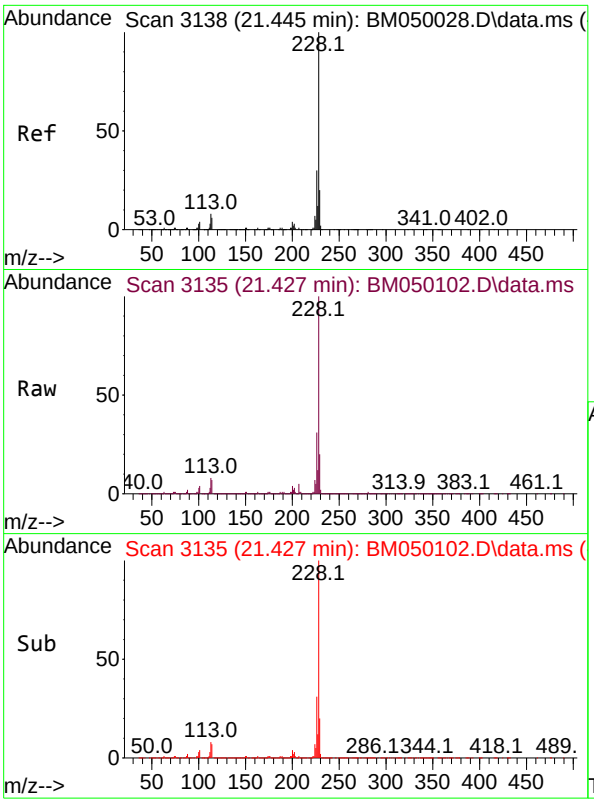


#82
3,3'-Dichlorobenzidine
Concen: 25.539 ng
RT: 21.291 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:252 Resp: 856060

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.6
126	8.0	6.0	9.0



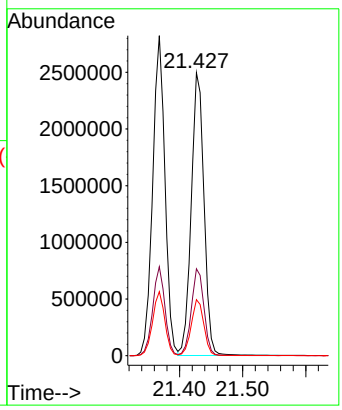


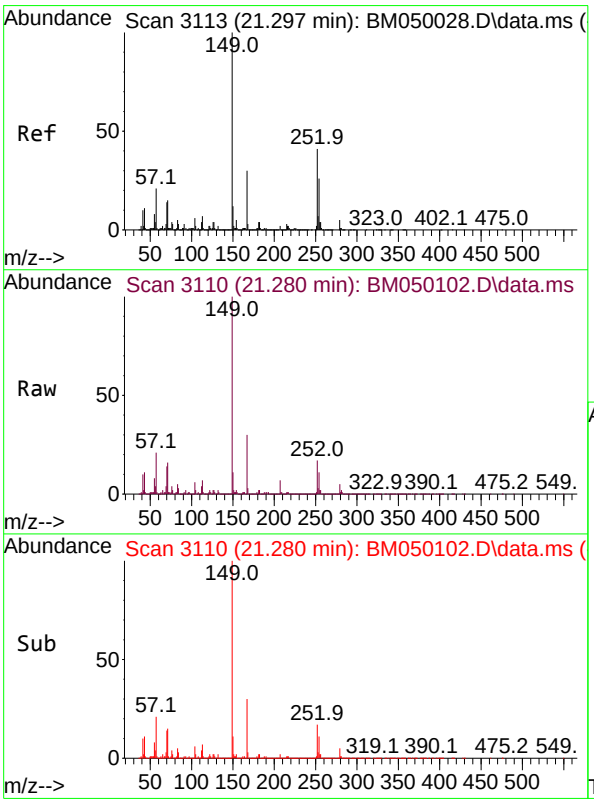
#83
Chrysene
Concen: 43.169 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:228 Resp: 3498440

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.8	15.7	23.5

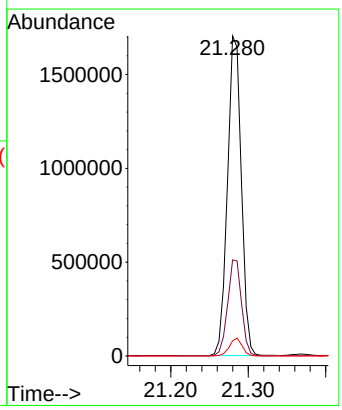


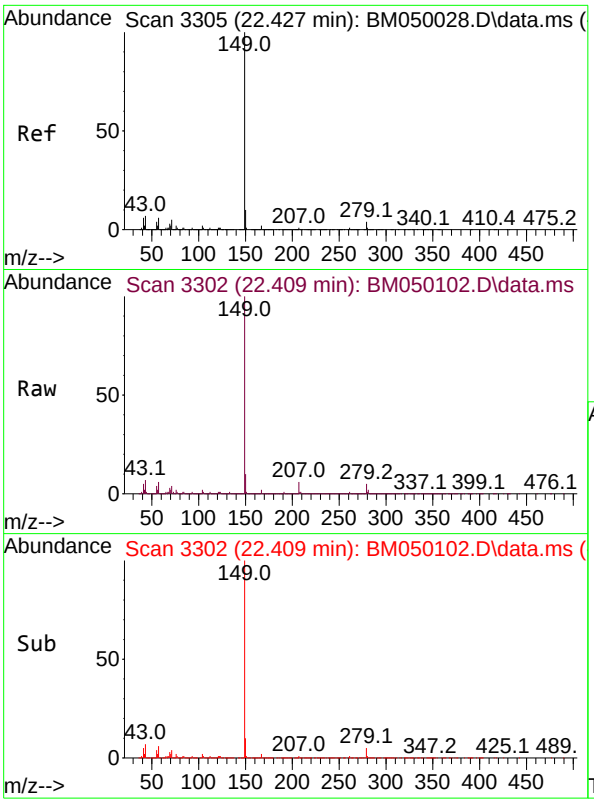


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.631 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:149 Resp: 2129576

Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.1	36.1
279	4.7	3.9	5.9



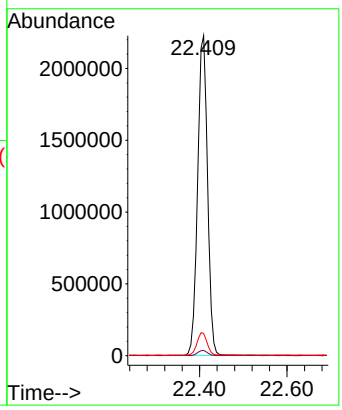


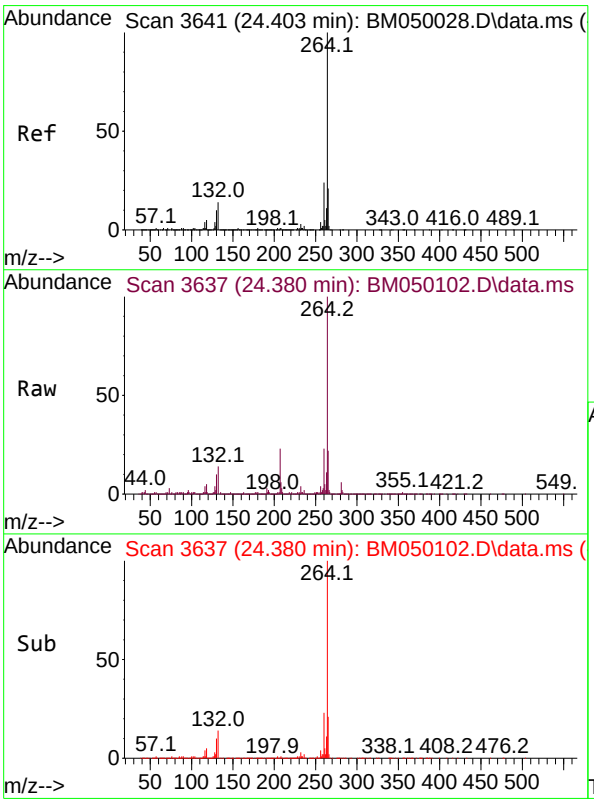
#85
Di-n-octyl phthalate
Concen: 42.493 ng
RT: 22.409 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:149 Resp: 3500630

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.1	5.8	8.8

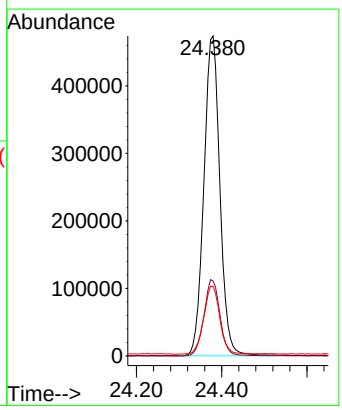


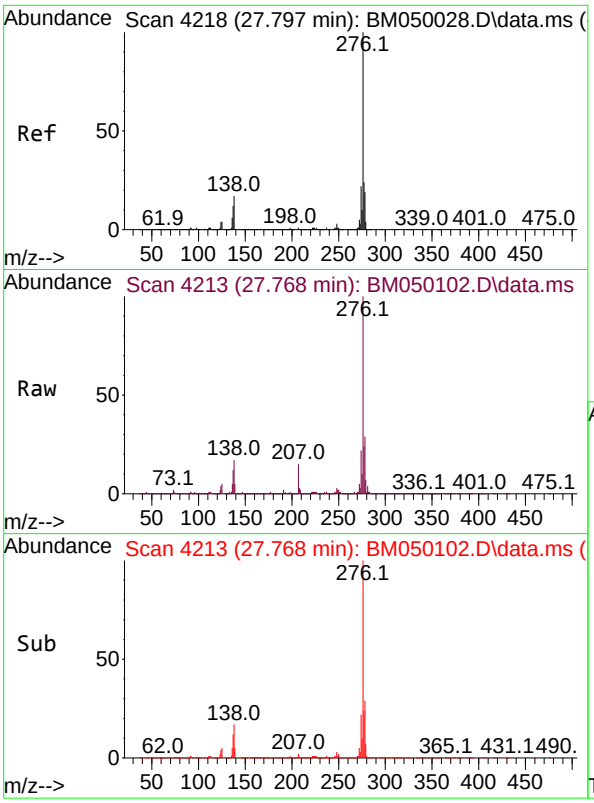


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:264 Resp: 1236921

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.8	17.0	25.4



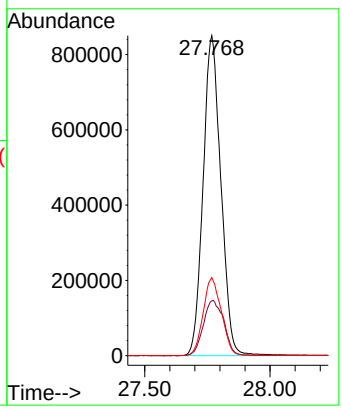


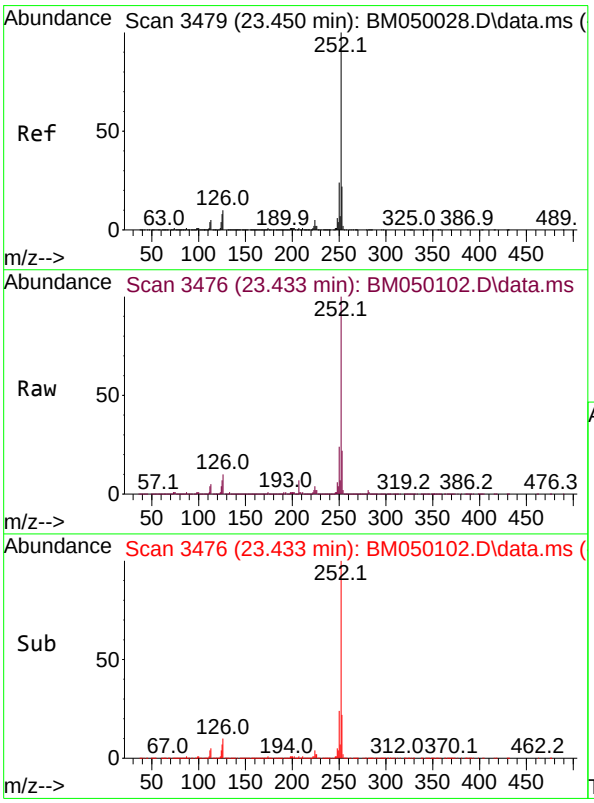
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.499 ng
RT: 27.768 min Scan# 4
Delta R.T. -0.030 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:276 Resp: 4193498

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.4	24.6
277	24.9	19.8	29.8

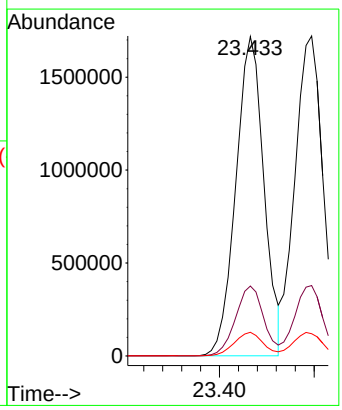


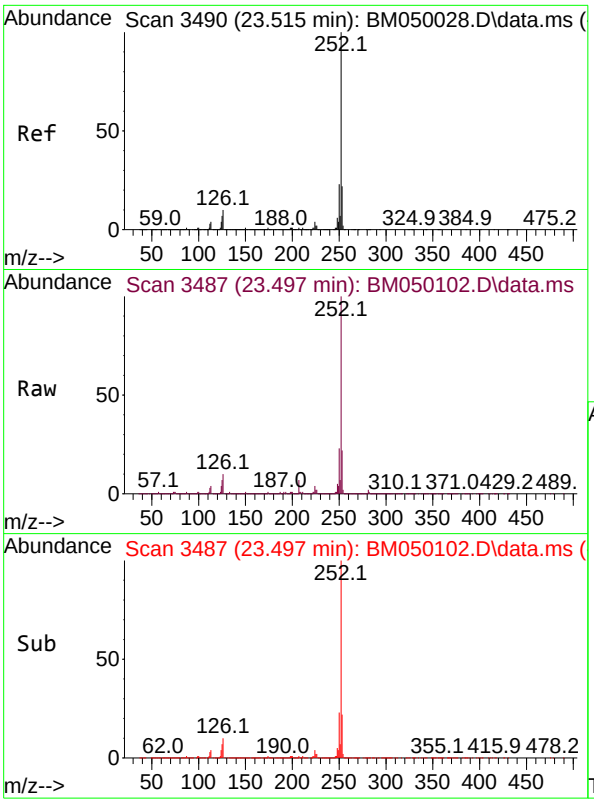


#88
Benzo(b)fluoranthene
Concen: 43.939 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:252 Resp: 3534464

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	7.4	6.1	9.1



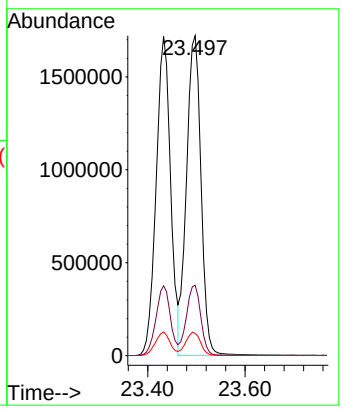


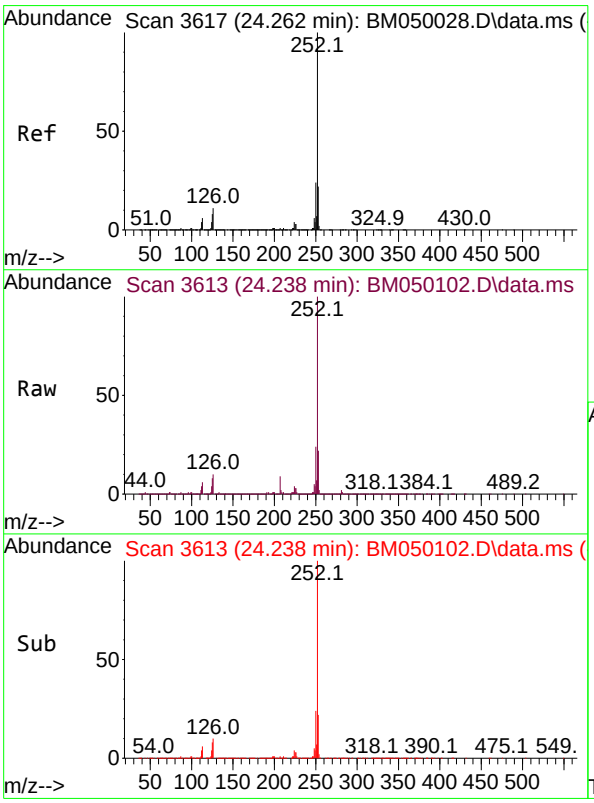
#89
Benzo(k)fluoranthene
Concen: 43.632 ng
RT: 23.497 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:252 Resp: 3550274

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	7.0	5.8	8.8

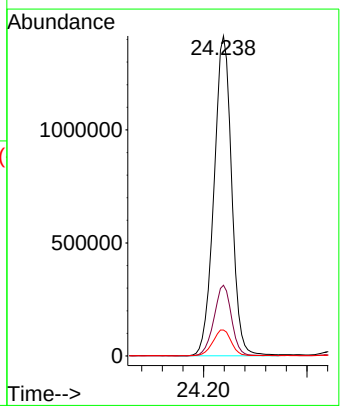


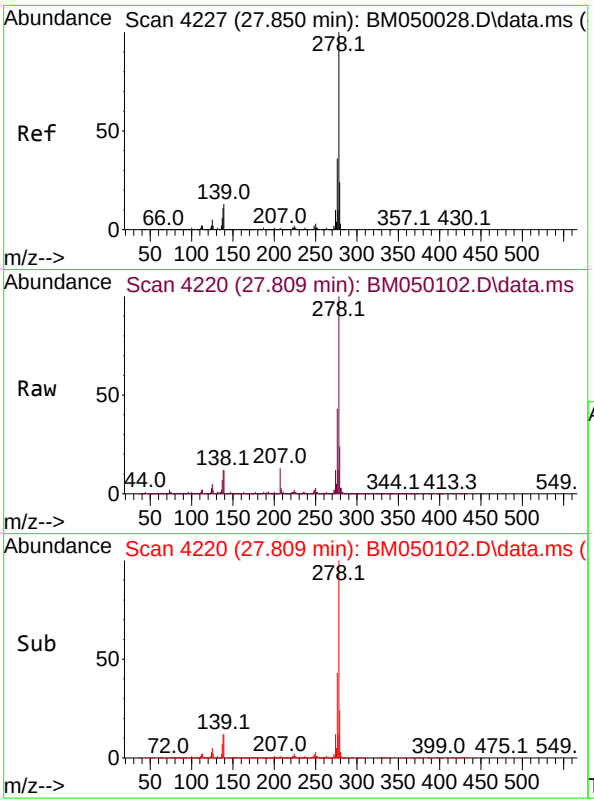


#90
Benzo(a)pyrene
Concen: 44.556 ng
RT: 24.238 min Scan# 3613
Delta R.T. -0.024 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:252 Resp: 3356901

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	8.1	6.6	9.8



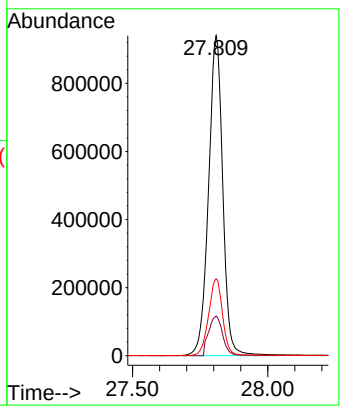


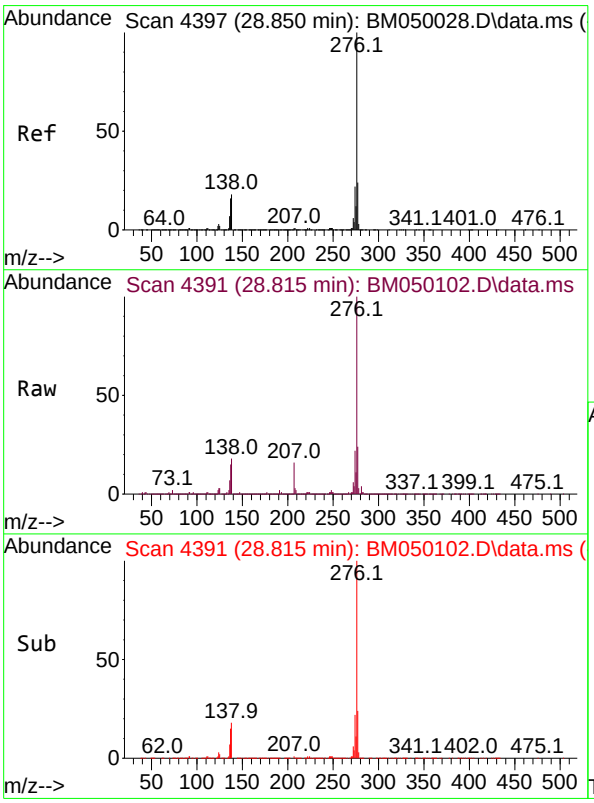
#91
Dibenzo(a,h)anthracene
Concen: 45.605 ng
RT: 27.809 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMSD

Tgt Ion:278 Resp: 3426344

Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.5	15.7
279	24.0	19.4	29.0

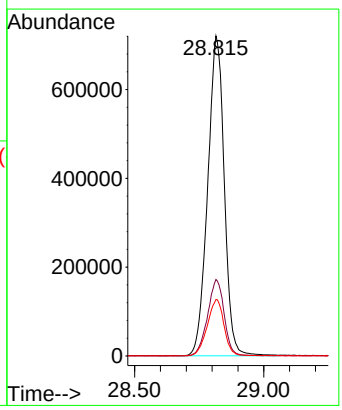




#92
Benzo(g,h,i)perylene
Concen: 44.663 ng
RT: 28.815 min Scan# 4391
Delta R.T. -0.035 min
Lab File: BM050102.D
Acq: 05 May 2025 17:00

Tgt Ion:276 Resp: 3212498

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	17.6	14.3	21.5



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Manual Integration Report

Sequence:	BM042825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050025.D	4-Nitroaniline	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzaldehyde	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzo(k)fluoranthene	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Caprolactam	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	4-Nitroaniline	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzaldehyde	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzoic acid	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC020	BM050027.D	Benzoic acid	Rahul	4/29/2025 8:55:10 AM	Jagrut	4/29/2025 11:57:15 AM	Peak Integrated by Software
SSTDICV040	BM050032.D	Benzaldehyde	Rahul	4/29/2025 8:55:13 AM	Jagrut	4/29/2025 11:57:18 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BM050525	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	bm050625	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	bp041425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024276.D	Benzaldehyde	Rahul	4/15/2025 9:45:41 AM	Jagrut	4/15/2025 10:52:38 AM	Peak Integrated by Software
SSTDICC005	BP024276.D	Benzidine	Rahul	4/15/2025 9:45:41 AM	Jagrut	4/15/2025 10:52:38 AM	Peak Integrated by Software
SSTDICC010	BP024277.D	Benzaldehyde	Rahul	4/15/2025 9:46:12 AM	Jagrut	4/15/2025 10:52:41 AM	Peak Integrated by Software
SSTDICC010	BP024277.D	Benzoic acid	Rahul	4/15/2025 9:46:12 AM	Jagrut	4/15/2025 10:52:41 AM	Peak Integrated by Software
SSTDICC020	BP024278.D	Benzoic acid	Rahul	4/15/2025 9:46:28 AM	Jagrut	4/15/2025 10:52:44 AM	Peak Integrated by Software
SSTDICC050	BP024280.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:47:02 AM	Jagrut	4/15/2025 10:52:46 AM	Peak Integrated by Software
SSTDICC050	BP024280.D	Pyridine	Rahul	4/15/2025 9:47:02 AM	Jagrut	4/15/2025 10:52:46 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Benzoic acid	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Pyridine	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Benzidine	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Benzoic acid	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Pyridine	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp041425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICV040	BP024283.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:50:13 AM	Jagrut	4/15/2025 10:52:54 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp050625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024540.D	4-Nitrophenol	Rahul	5/7/2025 10:38:46 AM	Jagrut	5/7/2025 1:28:08 PM	Peak Integrated by Software
SSTDCCC040	BP024540.D	Benzo(b)fluoranthene	Rahul	5/7/2025 10:38:46 AM	Jagrut	5/7/2025 1:28:08 PM	Peak Integrated by Software
SSTDCCC040	BP024540.D	Benzo(g,h,i)perylene	Rahul	5/7/2025 10:38:46 AM	Jagrut	5/7/2025 1:28:08 PM	Peak Integrated by Software
SSTDCCC040	BP024540.D	Benzoic acid	Rahul	5/7/2025 10:38:46 AM	Jagrut	5/7/2025 1:28:08 PM	Peak Integrated by Software

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM				
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM				
SubDirectory	BM042825	HP Acquire Method	BNA_M		HP Processing Method	BM042825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050023.D	28 Apr 2025 11:46	RC/JU	Ok
2	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30	RC/JU	Ok
3	SSTDICC005	BM050025.D	28 Apr 2025 13:09	RC/JU	Ok,M
4	SSTDICC010	BM050026.D	28 Apr 2025 13:48	RC/JU	Ok,M
5	SSTDICC020	BM050027.D	28 Apr 2025 14:27	RC/JU	Ok,M
6	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	RC/JU	Ok
7	SSTDICC050	BM050029.D	28 Apr 2025 15:45	RC/JU	Ok
8	SSTDICC060	BM050030.D	28 Apr 2025 16:24	RC/JU	Ok
9	SSTDICC080	BM050031.D	28 Apr 2025 17:04	RC/JU	Ok
10	SSTDICV040	BM050032.D	28 Apr 2025 17:43	RC/JU	Ok,M
11	PB167739BL	BM050033.D	28 Apr 2025 19:40	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050525

Review By	Rahul	Review On	5/6/2025 9:57:21 AM				
Supervise By	Jagrut	Supervise On	5/6/2025 10:52:32 AM				
SubDirectory	BM050525	HP Acquire Method	BNA_M		HP Processing Method	BM042825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050095.D	05 May 2025 11:39	RC/JU	Ok
2	SSTDCCC040	BM050096.D	05 May 2025 12:18	RC/JU	Ok
3	PB167815TB	BM050097.D	05 May 2025 12:57	RC/JU	Ok
4	Q1907-01DL	BM050098.D	05 May 2025 13:40	RC/JU	Ok,M
5	Q1914-12	BM050099.D	05 May 2025 15:03	RC/JU	Ok
6	Q1937-05	BM050100.D	05 May 2025 15:42	RC/JU	Ok
7	Q1937-05MS	BM050101.D	05 May 2025 16:21	RC/JU	Ok
8	Q1937-05MSD	BM050102.D	05 May 2025 17:00	RC/JU	Ok
9	Q1947-01	BM050103.D	05 May 2025 17:39	RC/JU	Ok
10	Q1936-03	BM050104.D	05 May 2025 18:18	RC/JU	Ok
11	Q1951-01	BM050105.D	05 May 2025 18:58	RC/JU	Ok
12	Q1914-06	BM050106.D	05 May 2025 19:37	RC/JU	Ok
13	Q1914-04	BM050107.D	05 May 2025 20:16	RC/JU	Ok,M
14	Q1922-01	BM050108.D	05 May 2025 20:55	RC/JU	Ok
15	Q1935-05	BM050109.D	05 May 2025 21:34	RC/JU	Ok
16	Q1933-01	BM050110.D	05 May 2025 22:14	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050625

Review By	Rahul	Review On	5/7/2025 10:38:02 AM				
Supervise By	Jagrut	Supervise On	5/7/2025 1:27:23 PM				
SubDirectory	BM050625	HP Acquire Method	BNA_M		HP Processing Method	BM042825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050111.D	06 May 2025 09:24	RC/JU	Ok
2	SSTDCCC040	BM050112.D	06 May 2025 10:03	RC/JU	Ok
3	PB167857BL	BM050113.D	06 May 2025 10:42	RC/JU	Ok
4	PB167857BS	BM050114.D	06 May 2025 11:21	RC/JU	Ok
5	Q1938-05	BM050115.D	06 May 2025 12:04	RC/JU	Ok
6	Q1938-07	BM050116.D	06 May 2025 12:44	RC/JU	Ok
7	Q1937-11	BM050117.D	06 May 2025 13:23	RC/JU	Ok
8	Q1947-05	BM050118.D	06 May 2025 14:02	RC/JU	Ok
9	Q1937-09	BM050119.D	06 May 2025 14:41	RC/JU	Ok
10	Q1938-03	BM050120.D	06 May 2025 15:20	RC/JU	Ok
11	Q1952-01	BM050121.D	06 May 2025 15:59	RC/JU	Dilution
12	Q1951-04	BM050122.D	06 May 2025 16:38	RC/JU	Ok
13	Q1956-05	BM050123.D	06 May 2025 17:18	RC/JU	Ok
14	Q1938-01	BM050124.D	06 May 2025 17:57	RC/JU	Not Ok
15	Q1960-02	BM050125.D	06 May 2025 18:36	RC/JU	Ok
16	Q1961-01	BM050126.D	06 May 2025 19:15	RC/JU	Ok
17	Q1962-01	BM050127.D	06 May 2025 19:54	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP041425

Review By	Rahul	Review On	4/15/2025 9:55:40 AM				
Supervise By	Jagrut	Supervise On	4/15/2025 10:53:04 AM				
SubDirectory	BP041425	HP Acquire Method	BNA_P		HP Processing Method	bp041425	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024274.D	14 Apr 2025 10:25	RC/JU	Ok
2	SSTDICC2.5	BP024275.D	14 Apr 2025 11:06	RC/JU	Ok
3	SSTDICC005	BP024276.D	14 Apr 2025 11:47	RC/JU	Ok,M
4	SSTDICC010	BP024277.D	14 Apr 2025 12:27	RC/JU	Ok,M
5	SSTDICC020	BP024278.D	14 Apr 2025 13:08	RC/JU	Ok,M
6	SSTDICCC040	BP024279.D	14 Apr 2025 13:49	RC/JU	Ok
7	SSTDICC050	BP024280.D	14 Apr 2025 15:10	RC/JU	Ok,M
8	SSTDICC060	BP024281.D	14 Apr 2025 16:32	RC/JU	Ok,M
9	SSTDICC080	BP024282.D	14 Apr 2025 17:13	RC/JU	Ok,M
10	SSTDICV040	BP024283.D	14 Apr 2025 18:35	RC/JU	Ok,M
11	PB167488TB	BP024284.D	14 Apr 2025 19:16	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP050625

Review By	Rahul	Review On	5/7/2025 10:40:03 AM				
Supervise By	Jagrut	Supervise On	5/7/2025 1:28:26 PM				
SubDirectory	BP050625	HP Acquire Method	BNA_P		HP Processing Method	bp041425	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024539.D	06 May 2025 09:37	RC/JU	Ok
2	SSTDCCC040	BP024540.D	06 May 2025 10:17	RC/JU	Ok,M
3	PB167847BL	BP024541.D	06 May 2025 10:58	RC/JU	Ok
4	PB167847BS	BP024542.D	06 May 2025 11:39	RC/JU	Ok,M
5	Q1937-01	BP024543.D	06 May 2025 12:23	RC/JU	Ok
6	Q1937-03	BP024544.D	06 May 2025 13:03	RC/JU	Ok
7	Q1936-01	BP024545.D	06 May 2025 13:44	RC/JU	Ok
8	Q1936-05	BP024546.D	06 May 2025 14:25	RC/JU	Ok
9	Q1936-07	BP024547.D	06 May 2025 15:05	RC/JU	Ok
10	Q1937-07	BP024548.D	06 May 2025 15:46	RC/JU	Ok
11	Q1956-01	BP024549.D	06 May 2025 16:27	RC/JU	Ok
12	Q1956-02	BP024550.D	06 May 2025 17:08	RC/JU	Ok
13	Q1956-03MS	BP024551.D	06 May 2025 17:48	RC/JU	Ok
14	Q1956-04MSD	BP024552.D	06 May 2025 18:29	RC/JU	Ok
15	Q1956-06	BP024553.D	06 May 2025 19:10	RC/JU	Ok
16	Q1947-08	BP024554.D	06 May 2025 19:50	RC/JU	Ok,M
17	Q1960-03	BP024555.D	06 May 2025 20:31	RC/JU	Ok,M
18	Q1959-01	BP024556.D	06 May 2025 21:12	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM		
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM		
SubDirectory	BM042825	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/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	BM050023.D	28 Apr 2025 11:46		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050025.D	28 Apr 2025 13:09	Compound#32-41-54-56-65-70-77 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050026.D	28 Apr 2025 13:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050027.D	28 Apr 2025 14:27		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	Compound#54 & 56 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BM050029.D	28 Apr 2025 15:45		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050030.D	28 Apr 2025 16:24		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050031.D	28 Apr 2025 17:04		RC/JU	Ok
10	SSTDICV040	ICVBM042825	BM050032.D	28 Apr 2025 17:43		RC/JU	Ok,M
11	PB167739BL	PB167739BL	BM050033.D	28 Apr 2025 19:40	Analyzed for contamination check	RC/JU	Not Ok

M : Manual Integration

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050525

Review By	Rahul	Review On	5/6/2025 9:57:21 AM		
Supervise By	Jagrut	Supervise On	5/6/2025 10:52:32 AM		
SubDirectory	BM050525	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/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	BM050095.D	05 May 2025 11:39		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050096.D	05 May 2025 12:18		RC/JU	Ok
3	PB167815TB	PB167815TB	BM050097.D	05 May 2025 12:57		RC/JU	Ok
4	Q1907-01DL	CO-8R-WCDL	BM050098.D	05 May 2025 13:40		RC/JU	Ok,M
5	Q1914-12	SS-9	BM050099.D	05 May 2025 15:03		RC/JU	Ok
6	Q1937-05	LARGE-PILE-C	BM050100.D	05 May 2025 15:42		RC/JU	Ok
7	Q1937-05MS	LARGE-PILE-CMS	BM050101.D	05 May 2025 16:21		RC/JU	Ok
8	Q1937-05MSD	LARGE-PILE-CMSD	BM050102.D	05 May 2025 17:00		RC/JU	Ok
9	Q1947-01	MH-P	BM050103.D	05 May 2025 17:39		RC/JU	Ok
10	Q1936-03	SMALL-PILE-B	BM050104.D	05 May 2025 18:18		RC/JU	Ok
11	Q1951-01	MH-KK	BM050105.D	05 May 2025 18:58		RC/JU	Ok
12	Q1914-06	SS-5	BM050106.D	05 May 2025 19:37		RC/JU	Ok
13	Q1914-04	SS-3	BM050107.D	05 May 2025 20:16		RC/JU	Ok,M
14	Q1922-01	MH-R	BM050108.D	05 May 2025 20:55		RC/JU	Ok
15	Q1935-05	MH-MM	BM050109.D	05 May 2025 21:34		RC/JU	Ok
16	Q1933-01	OK-01-050125	BM050110.D	05 May 2025 22:14		RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050625

Review By	Rahul	Review On	5/7/2025 10:38:02 AM		
Supervise By	Jagrut	Supervise On	5/7/2025 1:27:23 PM		
SubDirectory	BM050625	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/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	BM050111.D	06 May 2025 09:24		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050112.D	06 May 2025 10:03		RC/JU	Ok
3	PB167857BL	PB167857BL	BM050113.D	06 May 2025 10:42		RC/JU	Ok
4	PB167857BS	PB167857BS	BM050114.D	06 May 2025 11:21		RC/JU	Ok
5	Q1938-05	LOWER-WALL-PILE-C	BM050115.D	06 May 2025 12:04		RC/JU	Ok
6	Q1938-07	LOWER-WALL-PILE-D	BM050116.D	06 May 2025 12:44		RC/JU	Ok
7	Q1937-11	LARGE-PILE-F	BM050117.D	06 May 2025 13:23		RC/JU	Ok
8	Q1947-05	MH-O	BM050118.D	06 May 2025 14:02		RC/JU	Ok
9	Q1937-09	LARGE-PILE-E	BM050119.D	06 May 2025 14:41		RC/JU	Ok
10	Q1938-03	LOWER-WALL-PILE-B	BM050120.D	06 May 2025 15:20		RC/JU	Ok
11	Q1952-01	CLEAN-FILL	BM050121.D	06 May 2025 15:59	Need 5X Dilution	RC/JU	Dilution
12	Q1951-04	MH-KK	BM050122.D	06 May 2025 16:38		RC/JU	Ok
13	Q1956-05	COMP1	BM050123.D	06 May 2025 17:18		RC/JU	Ok
14	Q1938-01	LOWER-WALL-PILE-A	BM050124.D	06 May 2025 17:57	Need Straight Run	RC/JU	Not Ok
15	Q1960-02	72-11933	BM050125.D	06 May 2025 18:36		RC/JU	Ok
16	Q1961-01	EO-01-050525	BM050126.D	06 May 2025 19:15		RC/JU	Ok
17	Q1962-01	HD-01-050525	BM050127.D	06 May 2025 19:54		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP041425

Review By	Rahul	Review On	4/15/2025 9:55:40 AM		
Supervise By	Jagrut	Supervise On	4/15/2025 10:53:04 AM		
SubDirectory	BP041425	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/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	BP024274.D	14 Apr 2025 10:25		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024275.D	14 Apr 2025 11:06		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024276.D	14 Apr 2025 11:47	Compound #32,54,65 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024277.D	14 Apr 2025 12:27		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024278.D	14 Apr 2025 13:08		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024279.D	14 Apr 2025 13:49	This calibration is fail for Com#77	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024280.D	14 Apr 2025 15:10	This calibration is good for 8270E, 8270 DOD and 625.1 methods except Compound#77	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP024281.D	14 Apr 2025 16:32	Compound #69 Removed from 60PPM	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP024282.D	14 Apr 2025 17:13	Compound #69 Removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP041425	BP024283.D	14 Apr 2025 18:35		RC/JU	Ok,M
11	PB167488TB	PB167488TB	BP024284.D	14 Apr 2025 19:16		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP050625

Review By	Rahul	Review On	5/7/2025 10:40:03 AM		
Supervise By	Jagrut	Supervise On	5/7/2025 1:28:26 PM		
SubDirectory	BP050625	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/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	BP024539.D	06 May 2025 09:37		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024540.D	06 May 2025 10:17		RC/JU	Ok,M
3	PB167847BL	PB167847BL	BP024541.D	06 May 2025 10:58		RC/JU	Ok
4	PB167847BS	PB167847BS	BP024542.D	06 May 2025 11:39		RC/JU	Ok,M
5	Q1937-01	LARGE-PILE-A	BP024543.D	06 May 2025 12:23		RC/JU	Ok
6	Q1937-03	LARGE-PILE-B	BP024544.D	06 May 2025 13:03		RC/JU	Ok
7	Q1936-01	SMALL-PILE-A	BP024545.D	06 May 2025 13:44		RC/JU	Ok
8	Q1936-05	SMALL-PILE-C	BP024546.D	06 May 2025 14:25		RC/JU	Ok
9	Q1936-07	SMALL-PILE-D	BP024547.D	06 May 2025 15:05		RC/JU	Ok
10	Q1937-07	LARGE-PILE-D	BP024548.D	06 May 2025 15:46		RC/JU	Ok
11	Q1956-01	SB1-3-4	BP024549.D	06 May 2025 16:27		RC/JU	Ok
12	Q1956-02	SB2-4-5	BP024550.D	06 May 2025 17:08		RC/JU	Ok
13	Q1956-03MS	SB2-4-5MS	BP024551.D	06 May 2025 17:48		RC/JU	Ok
14	Q1956-04MSD	SB2-4-5MSD	BP024552.D	06 May 2025 18:29		RC/JU	Ok
15	Q1956-06	SB91-3-4	BP024553.D	06 May 2025 19:10		RC/JU	Ok
16	Q1947-08	MH-O	BP024554.D	06 May 2025 19:50		RC/JU	Ok,M
17	Q1960-03	72-11933	BP024555.D	06 May 2025 20:31		RC/JU	Ok,M
18	Q1959-01	SOIL-PILE	BP024556.D	06 May 2025 21:12		RC/JU	Ok

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP050625

Review By	Rahul	Review On	5/7/2025 10:40:03 AM		
Supervise By	Jagrut	Supervise On	5/7/2025 1:28:26 PM		
SubDirectory	BP050625	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/02/2025
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: 05/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135646

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
Q1913-01	WC-12-S-202504	1	1.18	10.32	11.5	9.49	80.5	
Q1913-03	WC-13-S-202504	2	1.19	10.37	11.56	9.83	83.3	
Q1936-01	SMALL-PILE-A	33	1.15	9.94	11.09	10.18	90.8	
Q1936-02	SMALL-PILE-A	34	1.17	9.94	11.11	10.22	91.0	
Q1936-03	SMALL-PILE-B	35	1.18	10.39	11.57	10.93	93.8	
Q1936-04	SMALL-PILE-B	36	1.18	9.88	11.06	10.44	93.7	
Q1936-05	SMALL-PILE-C	37	1.15	10.03	11.18	10.9	97.2	
Q1936-06	SMALL-PILE-C	38	1.15	10.25	11.4	11.01	96.2	
Q1936-07	SMALL-PILE-D	39	1.16	10.41	11.57	10.97	94.2	
Q1936-08	SMALL-PILE-D	40	1.18	9.96	11.14	10.55	94.1	
Q1937-01	LARGE-PILE-A	41	1.15	10.13	11.28	10.7	94.3	
Q1937-02	LARGE-PILE-A	42	1.18	9.58	10.76	10.2	94.2	
Q1937-03	LARGE-PILE-B	43	1.15	10.03	11.18	10.82	96.4	
Q1937-04	LARGE-PILE-B	44	1.17	10.04	11.21	10.72	95.1	
Q1937-05	LARGE-PILE-C	45	1.16	10.19	11.35	10.83	94.9	
Q1937-06	LARGE-PILE-C	46	1.19	10.06	11.25	10.63	93.8	
Q1937-07	LARGE-PILE-D	47	1.18	10.33	11.51	10.95	94.6	
Q1937-08	LARGE-PILE-D	48	1.17	9.75	10.92	10.33	93.9	
Q1937-09	LARGE-PILE-E	49	1.16	10.14	11.3	10.52	92.3	
Q1937-10	LARGE-PILE-E	50	1.18	10.30	11.48	10.76	93.0	
Q1937-11	LARGE-PILE-F	51	1.18	10.48	11.66	10.58	89.7	
Q1937-12	LARGE-PILE-F	52	1.18	10.25	11.43	10.44	90.3	
Q1938-01	LOWER-WALL-PILE-A	53	1.15	10.33	11.48	10.77	93.1	
Q1938-02	LOWER-WALL-PILE-A	54	1.17	10.50	11.67	10.71	90.9	
Q1938-03	LOWER-WALL-PILE-B	55	1.14	10.15	11.29	10.94	96.6	
Q1938-04	LOWER-WALL-PILE-B	56	1.18	9.90	11.08	10.68	96.0	
Q1938-05	LOWER-WALL-PILE-C	57	1.17	10.23	11.4	11.07	96.8	
Q1938-06	LOWER-WALL-PILE-C	58	1.12	9.82	10.94	10.7	97.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/02/2025
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: 05/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135646

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
Q1938-07	LOWER-WALL-PILE-D	59	1.19	10.01	11.2	10.7	95.0	
Q1938-08	LOWER-WALL-PILE-D	60	1.17	10.23	11.4	10.86	94.7	
Q1942-05	SVOC-GPC-BLANK	3	1.00	1.00	2.00	2.00	100.0	
Q1942-06	PEST-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1942-07	PEST-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q1942-08	PCB-GPC-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q1942-09	PCB-GPC-BLANK-SPIKE	7	1.00	1.00	2.00	2.00	100.0	
Q1942-10	SVOC-GPC2-BLANK	8	1.00	1.00	2.00	2.00	100.0	
Q1942-11	PEST-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1942-12	PEST-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q1942-13	PCB-GPC2-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q1942-14	PCB-GCP2-BLANK-SPIKE	12	1.00	1.00	2.00	2.00	100.0	
Q1944-01	MELTED-RUBBER-SAMPLE	13	1.00	1.00	2.00	2.00	100.0	MELTED-RUBBER-SAMPLE
Q1946-01	BB-CONCRETE	14	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1946-02	BB-CONCRETE	15	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1947-01	MH-P	16	1.18	10.19	11.37	9.28	79.5	
Q1947-02	MH-P-EPH	17	1.15	10.84	11.99	10.64	87.5	
Q1947-03	MH-P-VOC	18	1.16	10.71	11.87	10.5	87.2	
Q1947-05	MH-O	19	1.14	10.59	11.73	10.52	88.6	
Q1947-06	MH-O-EPH	20	1.12	10.00	11.12	9.91	87.9	
Q1947-07	MH-O-VOC	21	1.17	10.00	11.17	9.95	87.8	
Q1951-01	MH-KK	22	1.18	10.40	11.58	10.01	84.9	
Q1951-02	MH-KK-EPH	23	1.16	10.29	11.45	9.91	85.0	
Q1951-03	MH-KK-VOC	24	1.17	10.25	11.42	9.86	84.8	
Q1952-01	CLEAN-FILL	25	1.18	10.49	11.67	8.98	74.4	
Q1952-02	CLEAN-FILL-E2	26	1.13	10.10	11.23	8.47	72.7	
Q1953-01	AUD-25-0075	27	1.00	1.00	2.00	2.00	100.0	pilc
Q1953-02	AUD-25-0076	28	1.00	1.00	2.00	2.00	100.0	pilc

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/02/2025
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: 05/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135646

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
Q1953-03	AUD-25-0077	29	1.00	1.00	2.00	2.00	100.0	pilc
Q1954-01	BC260874-1-1	30	1.00	1.00	2.00	2.00	100.0	pilc
Q1954-02	BC260874-1-2	31	1.00	1.00	2.00	2.00	100.0	pilc
Q1955-01	LAW-25-0066	32	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

UB13546

WorkList Name : %1-050225 **WorkList ID :** 189289 **Department :** Wet-Chemistry **Date :** 05-02-2025 14:36:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1913-01	WC-12-S-202504	Solid	Percent Solids	Cool 4 deg C	AECO02	L21	04/29/2025	Chemtech -SO
Q1913-03	WC-13-S-202504	Solid	Percent Solids	Cool 4 deg C	AECO02	L21	04/29/2025	Chemtech -SO
Q1936-01	SMALL-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-02	SMALL-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-03	SMALL-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-04	SMALL-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-05	SMALL-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-06	SMALL-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-07	SMALL-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-08	SMALL-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1937-01	LARGE-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1937-02	LARGE-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-03	LARGE-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-04	LARGE-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-05	LARGE-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-06	LARGE-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-07	LARGE-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-08	LARGE-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-09	LARGE-PILE-E	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-10	LARGE-PILE-E	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-11	LARGE-PILE-F	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO

Date/Time 05/02/25 15:10

Raw Sample Received by: WC

Raw Sample Relinquished by: SH

Date/Time 05/02/25 17:10

Raw Sample Received by: SH

Raw Sample Relinquished by: WC

WORKLIST(Hardcopy Internal Chain)

VB35646

WorkList Name : %1-050225 **WorkList ID :** 189289 **Department :** Wet-Chemistry **Date :** 05-02-2025 14:36:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1937-12	LARGE-PILE-F	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-01	LOWER-WALL-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-02	LOWER-WALL-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-03	LOWER-WALL-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-04	LOWER-WALL-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-05	LOWER-WALL-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-06	LOWER-WALL-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-07	LOWER-WALL-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-08	LOWER-WALL-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1942-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1942-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-14	PCB-GCP2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1944-01	MELTED-RUBBER-SAMPLE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1946-01	BB-CONCRETE	Solid	Percent Solids	Cool 4 deg C	METE01	L41	05/02/2025	Chemtech -SO
					PSEG03	L41	05/02/2025	Chemtech -SO

Date/Time 05/02/25 15:10

Raw Sample Received by: JB Lee,

Raw Sample Relinquished by: SM

Date/Time 05/02/25 17:10

Raw Sample Received by: SM

Raw Sample Relinquished by: JB Lee,

WORKLIST(Hardcopy Internal Chain)

VB135646

WorkList Name : %1-050225 **WorkList ID :** 189289 **Department :** Wet-Chemistry **Date :** 05-02-2025 14:36:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1946-02	BB-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-01	MH-P	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-02	MH-P-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-03	MH-P-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-05	MH-O	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-06	MH-O-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-07	MH-O-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1951-01	MH-KK	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1951-02	MH-KK-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/02/2025	Chemtech -SO
Q1951-03	MH-KK-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/02/2025	Chemtech -SO
Q1952-01	CLEAN-FILL	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/02/2025	Chemtech -SO
Q1952-02	CLEAN-FILL-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/02/2025	Chemtech -SO
Q1953-01	AUD-25-0075	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/02/2025	Chemtech -SO
Q1953-02	AUD-25-0076	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1953-03	AUD-25-0077	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1954-01	BC260874-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1954-02	BC260874-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1955-01	LAW-25-0066	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO

Date/Time 05/02/25 15:10

Raw Sample Received by: SB WBC

Raw Sample Relinquished by: SM

Date/Time 05/02/25 17:10

Raw Sample Received by: SM

Raw Sample Relinquished by: SB WBC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167857

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/05/2025
Matrix :	Solid			**Extraction Start Time :**	09:35
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	05/05/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:35
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	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2600
Baked Na2SO4	N/A	EP2607
Sand	N/A	EP2865
Methylene Chloride	N/A	E3930
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

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
5/5/25	RS (Ext-Lab)	RC/SVOC
12:40	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167857

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 05/05/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167857BL	SBLK857	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U6-1
PB167857BS	SLCS857	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q1936-01	SMALL-PILE-A	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	B		3
Q1936-03	SMALL-PILE-B	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	B		4
Q1936-05	SMALL-PILE-C	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	B		5
Q1936-07	SMALL-PILE-D	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	B		6
Q1937-01	LARGE-PILE-A	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	B		U1-1
Q1937-03	LARGE-PILE-B	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	D		2
Q1937-05	LARGE-PILE-C	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	D		3
Q1937-05MS	LARGE-PILE-CMS	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	D		4
Q1937-05MSD	LARGE-PILE-CMSD	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	D		5
Q1937-07	LARGE-PILE-D	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	B		6
Q1937-09	LARGE-PILE-E	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	B		U2-1
Q1937-11	LARGE-PILE-F	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	D		2
Q1938-01	LOWER-WALL-PILE-A	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	B		3
Q1938-03	LOWER-WALL-PILE-B	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	B		4
Q1938-05	LOWER-WALL-PILE-C	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	B		5
Q1938-07	LOWER-WALL-PILE-D	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	D		6
Q1946-01	BB-CONCRETE	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E	Concrete	U3-1
Q1947-01	MH-P	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		2
Q1947-05	MH-O	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		3
Q1951-01	MH-KK	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		4
Q1952-01	CLEAN-FILL	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		5

RS 5/5

* **Extracts relinguished on the same date as received.**

167857
9:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1938 **WorkList ID :** 189302 **Department :** Extraction **Date :** 05-05-2025 09:03:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1936-01	SMALL-PILE-A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L51	05/01/2025	8270E
Q1936-03	SMALL-PILE-B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L51	05/01/2025	8270E
Q1936-05	SMALL-PILE-C	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L51	05/01/2025	8270E
Q1936-07	SMALL-PILE-D	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L51	05/01/2025	8270E
Q1937-01	LARGE-PILE-A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L41	05/01/2025	8270E
Q1937-03	LARGE-PILE-B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L41	05/01/2025	8270E
Q1937-05	LARGE-PILE-C	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L41	05/01/2025	8270E
Q1937-07	LARGE-PILE-D	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L41	05/01/2025	8270E
Q1937-09	LARGE-PILE-E	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L41	05/01/2025	8270E
Q1937-11	LARGE-PILE-F	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L41	05/01/2025	8270E
Q1938-01	LOWER-WALL-PILE-A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L41	05/01/2025	8270E
Q1938-03	LOWER-WALL-PILE-B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L41	05/01/2025	8270E
Q1938-05	LOWER-WALL-PILE-C	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L41	05/01/2025	8270E
Q1938-07	LOWER-WALL-PILE-D	Solid	SVOC-TCL BNA -20	Cool 4 deg C	SAXT01	L41	05/01/2025	8270E
Q1946-01	BB-CONCRETE	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/02/2025	8270E
Q1947-01	MH-P	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/02/2025	8270E
Q1947-05	MH-O	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/02/2025	8270E
Q1951-01	MH-KK	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/02/2025	8270E
Q1952-01	CLEAN-FILL	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L21	05/02/2025	8270E

Date/Time 05/05/25 9:30
Raw Sample Received by: RJ LEKI-(Lab)
Raw Sample Relinquished by: SM

Date/Time 05/05/25 10:05
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ LEKI-(Lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1937
COC Number 2045844

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Saxton Fall and Sand Gravel
ADDRESS: 3000 International Drive
CITY Budd Lake STATE: NJ ZIP:
ATTENTION: Rich Schindelar
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STan Hope
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY Same STATE: ZIP:
ATTENTION: PHONE:

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: Hex Chrom
2: PCB
3: SVOC-TCL BNA-20
4: TPH QC
5: Trivalent Chromium
6: Cyanide
7: VOC-TCL VOA-10
8: EPH
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.	Large Pile – A	SOL	X		5.1.25	11:48	4	X	X	X	X	X	X				PID = 0.0
2.	A			X		11:50	5							X	X		
3.	B		X			11:56	4	X	X	X	X	X	X				
4.	B			X		11:58	5							X	X		
5.	C		X			12:06	4	X	X	X	X	X	X				
6.	C			X		12:08	5							X	X		
7.	D		X			12:16	4	X	X	X	X	X	X				
8.	D			X		12:18	5							X	X		
9.	E		X			12:24	4	X	X	X	X	X	X				
10.	E			X		12:26	5							X	X		

← 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.	5.1.2025 1410	1.
2.		2.
3.	5.1.2025 1540	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 4.1 °C
Comments: (Adjusted Factor + 1)
*PID Meter Calibrated 5.1.2025 *
Equal volume of soil used, 5:1 Composite

Page 1 of 2
CLIENT: ☐ Hand Delivered ☐ Other _____
Shipment Complete ☐ YES ☐ NO

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Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1937
COC Number 2045845

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: Saxton Fall and Sand Gravel
ADDRESS: 3000 International Drive
CITY Budd Lake STATE: N.J. ZIP:
ATTENTION: Rich Schindelar
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Stan Hope
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

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 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ US EPA CLP
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1. Hex Chrom
2. PCB
3. SVOC-TCL BNA-20
4. TPH GC
5. Trivalent chrome
6. Cyanide
7. VOC-TCL VOA-8
8. EPH
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.	Large Pile - F	Soil	X		5-1-25	12:36	4	X	X	X	X	X	X				PID=0.0
2.	〃 F	〃		X	〃	12:38	5							X	X		PID=0.0
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	5-1-2025 1410	1.
2.		2.
3.	5-1-2025 1540	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT X COOLER TEMP 4.1/2 °C (Adjusted Factor +1)
Comments: *PID Meter Calibrated 5.1.2025*
Equal volume of soil used 5:1 composite

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Stan Hope
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 3000 International Drive, Budd Lake, N.J.

Chemtech Order ID:
Sampler Name: Lawrence Carter
Client Project Coordinator & Phone:
Page #: 1 of 1
Date: 5.1.2025
Arrive Time: 0830
Depart Time: 1410

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank
Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe

Collection Depths:
Dimensions/CY:
Temp (range): °C PID Readings (range): PPM Odor: Y / (N) Color (Y) / N
Sample Description: Brown soil, Rocks.
Field Observations: Sampled, Small Pile, Large Pile, Lower well pile.

Grid/Area Composite Map:

QA Control # A3041134

See attached

Sampler Signature: 5.1.2025
Client Signature:

Supervisor Review/Date:
Date/Time Arrived at Lab:

LOWER WALL PILE

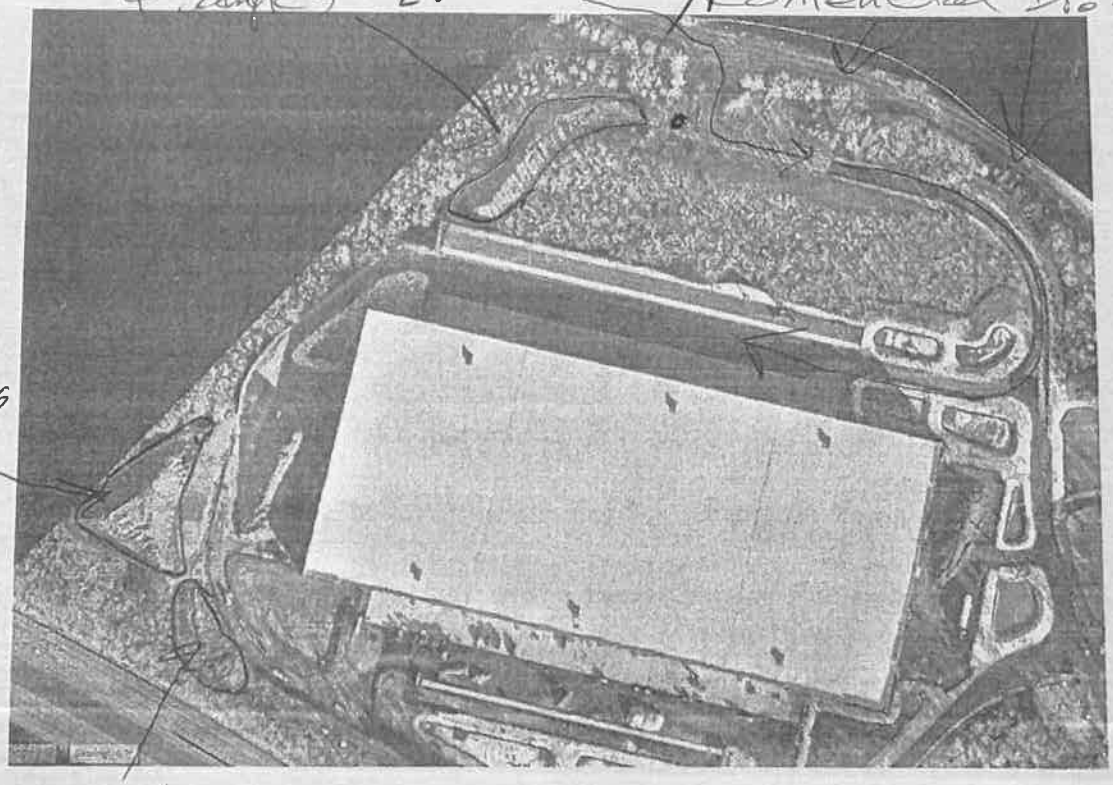
EXHIBIT 1

Soil Piles for Sampling 4 - 4 tests

Piles for sampling are circled in red

4 Samples 25" H

Kontenental Dto.



6 Samples

Large Pile

30" H

4 Samples

Small pile 20" H

Total 14 Samples.

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 : Q1937 SAXT01
Client Name : Saxton Falls Sand and Grav
Client Contact : Rich Schindelar
Invoice Name : Saxton Falls Sand and Grav
Invoice Contact : Rich Schindelar

Order Date : 5/1/2025 2:03:00 PM
Project Name : Stan Hope
Receive DateTime : 5/1/2025 ~~12:00:00~~ 15:40 AM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1937-02	LARGE-PILE-A	Solid	05/01/2025	11:50					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1937-04	LARGE-PILE-B	Solid	05/01/2025	11:58					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1937-06	LARGE-PILE-C	Solid	05/01/2025	12:08					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1937-08	LARGE-PILE-D	Solid	05/01/2025	12:18					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1937-10	LARGE-PILE-E	Solid	05/01/2025	12:26					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1937-12	LARGE-PILE-F	Solid	05/01/2025	12:38					
					VOC-TCLVOA-10		8260D		10 Bus. Days

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Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q1937 SAXT01	**Order Date :**	5/1/2025 2:03:00 PM	**Project Mgr :**	
Client Name :	Saxton Falls Sand and Grav	**Project Name :**	Stan Hope	**Report Type :**	Level 1
Client Contact :	Rich Schindelar	**Receive DateTime :**	5/1/2025 ~~12:00:00~~ 15:40 AM	**EDD Type :**	Excel NJ
Invoice Name :	Saxton Falls Sand and Grav	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Rich Schindelar			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Telecons stored in WA
Fax #2 Extract
in Ref #06

Relinguished By : L. Carter
Date / Time : 5-1-2025 1650

Received By : Mg Dadar
Date / Time : 5-1-25 16.50

Storage Area : VOA Refridgerator Room