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

Order ID : Q2487

Project ID : Construction of Shafts 17B-18B - PN 220084

Client : Walsh Construction Company II, LLC

Lab Sample Number	Client Sample Number
Q2487-01	G4(1.5)
Q2487-02	G4(10)
Q2487-03	G3(9)
Q2487-04	G3(3)
Q2487-05	G2(2.5)
Q2487-06	G2(9)
Q2487-07	G1(4.5)
Q2487-08	G1(10)
Q2487-09	G4(0-6)
Q2487-10	G4(6-12)
Q2487-11	G3(0-6)
Q2487-12	G3(6-12)
Q2487-13	G2(0-6)
Q2487-14	G2(6-12)
Q2487-15	G1(0-6)
Q2487-16	G1(6-12)
Q2487-17	G4(1.5)
Q2487-18	G4(10)
Q2487-19	G3(9)
Q2487-20	G3(3)
Q2487-21	G2(2.5)
Q2487-22	G2(9)
Q2487-23	G1(10)
Q2487-24	G1(4.5)

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

Signature : _____

Date: 7/16/2025

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 #: **Q2487**

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

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **07/16/2025**

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LAB CHRONICLE

OrderID:	Q2487	**OrderDate:**	7/2/2025 10:05:00 AM
Client:	Walsh Construction Company II, LLC	**Project:**	Construction of Shafts 17B-18B - PN 220084
Contact:	Jesse A. Sylvestri	**Location:**	A22,A53,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2487-09	**G4(0-6)**	**SOIL**			**07/01/25**			**07/01/25**
			SVOC-TCL BNA -20	8270E		07/03/25	07/09/25	
Q2487-10	**G4(6-12)**	**SOIL**			**07/01/25**			**07/01/25**
			SVOC-TCL BNA -20	8270E		07/03/25	07/07/25	
Q2487-11	**G3(0-6)**	**SOIL**			**07/01/25**			**07/01/25**
			SVOC-TCL BNA -20	8270E		07/03/25	07/09/25	
Q2487-12	**G3(6-12)**	**SOIL**			**07/01/25**			**07/01/25**
			SVOC-TCL BNA -20	8270E		07/03/25	07/07/25	
Q2487-13	**G2(0-6)**	**SOIL**			**07/01/25**			**07/01/25**
			SVOC-TCL BNA -20	8270E		07/03/25	07/09/25	
Q2487-13DL	**G2(0-6)DL**	**SOIL**			**07/01/25**			**07/01/25**
			SVOC-TCL BNA -20	8270E		07/03/25	07/10/25	
Q2487-13DL 2	**G2(0-6)DL2**	**SOIL**			**07/01/25**			**07/01/25**
			SVOC-TCL BNA -20	8270E		07/03/25	07/15/25	
Q2487-14	**G2(6-12)**	**SOIL**			**07/01/25**			**07/01/25**
			SVOC-TCL BNA -20	8270E		07/03/25	07/07/25	
Q2487-15	**G1(0-6)**	**SOIL**			**07/01/25**			**07/01/25**
			SVOC-TCL BNA -20	8270E		07/03/25	07/09/25	
Q2487-16	**G1(6-12)**	**SOIL**			**07/01/25**			**07/01/25**
			SVOC-TCL BNA -20	8270E		07/03/25	07/09/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2487

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : G4(0-6)									
Q2487-09	G4(0-6)	SOIL	Phenanthrene		310.000	J	47.9	390	ug/Kg
Q2487-09	G4(0-6)	SOIL	Fluoranthene		600.000		68.7	390	ug/Kg
Q2487-09	G4(0-6)	SOIL	Pyrene		300.000	J	82.5	390	ug/Kg
Q2487-09	G4(0-6)	SOIL	Benzo(a)anthracene		230.000	J	52.7	390	ug/Kg
Q2487-09	G4(0-6)	SOIL	Chrysene		220.000	J	45.6	390	ug/Kg
Q2487-09	G4(0-6)	SOIL	Benzo(b)fluoranthene		310.000	J	43.5	390	ug/Kg
Q2487-09	G4(0-6)	SOIL	Benzo(a)pyrene		230.000	J	67.6	390	ug/Kg
			Total Svoc :		**2,200.00**				
Q2487-09	G4(0-6)	SOIL	Anthracene, 2-methyl-	*	180.000	J	0	0	ug/Kg
			Total Tics :		**180.00**				
			Total Concentration:		**2,380.00**				
Client ID : G4(6-12)									
Q2487-10	G4(6-12)	SOIL	Fluoranthene		220.000	J	41.2	230	ug/Kg
Q2487-10	G4(6-12)	SOIL	Pyrene		160.000	J	49.5	230	ug/Kg
Q2487-10	G4(6-12)	SOIL	Benzo(a)anthracene		130.000	J	31.6	230	ug/Kg
Q2487-10	G4(6-12)	SOIL	Chrysene		120.000	J	27.4	230	ug/Kg
Q2487-10	G4(6-12)	SOIL	Benzo(b)fluoranthene		170.000	J	26.1	230	ug/Kg
Q2487-10	G4(6-12)	SOIL	Benzo(a)pyrene		140.000	J	40.6	230	ug/Kg
			Total Svoc :		**940.00**				
Q2487-10	G4(6-12)	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	280.000	AB	0	0	ug/Kg
Q2487-10	G4(6-12)	SOIL	Benzophenone	*	300.000	J	0	0	ug/Kg
Q2487-10	G4(6-12)	SOIL	unknown14.921	*	160.000	J	0	0	ug/Kg
Q2487-10	G4(6-12)	SOIL	n-Hexadecanoic acid	*	240.000	J	0	0	ug/Kg
Q2487-10	G4(6-12)	SOIL	Pentafluoropropionic acid, hexade	*	230.000	J	0	0	ug/Kg
			Total Tics :		**1,210.00**				
			Total Concentration:		**2,150.00**				
Client ID : G3(0-6)									
Q2487-11	G3(0-6)	SOIL	Phenanthrene		1,900.000		110	930	ug/Kg
Q2487-11	G3(0-6)	SOIL	Anthracene		500.000	J	180	930	ug/Kg
Q2487-11	G3(0-6)	SOIL	Fluoranthene		3,700.000		160	930	ug/Kg
Q2487-11	G3(0-6)	SOIL	Pyrene		1,900.000		200	930	ug/Kg
Q2487-11	G3(0-6)	SOIL	Benzo(a)anthracene		1,400.000		130	930	ug/Kg
Q2487-11	G3(0-6)	SOIL	Chrysene		1,100.000		110	930	ug/Kg
Q2487-11	G3(0-6)	SOIL	Benzo(b)fluoranthene		1,700.000		100	930	ug/Kg
Q2487-11	G3(0-6)	SOIL	Benzo(k)fluoranthene		810.000	J	120	930	ug/Kg
Q2487-11	G3(0-6)	SOIL	Benzo(a)pyrene		1,300.000		160	930	ug/Kg
Q2487-11	G3(0-6)	SOIL	Indeno(1,2,3-cd)pyrene		610.000	J	160	930	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2487

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2487-11	G3(0-6)	SOIL	Benzo(g,h,i)perylene		770.000	J	140	930	ug/Kg
			Total Svoc :		**15,690.00**				
Q2487-11	G3(0-6)	SOIL	4H-Cyclopenta[def]phenanthrene	*	540.000	J	0	0	ug/Kg
Q2487-11	G3(0-6)	SOIL	Benzo[e]pyrene	*	710.000	J	0	0	ug/Kg
Q2487-11	G3(0-6)	SOIL	Phenanthrene, 2-methyl-	*	380.000	J	0	0	ug/Kg
			Total Tics :		**1,630.00**				
			Total Concentration:		**17,320.00**				
Client ID :	**G3(6-12)**								
Q2487-12	G3(6-12)	SOIL	Phenanthrene		210.000	J	29.7	240	ug/Kg
Q2487-12	G3(6-12)	SOIL	Fluoranthene		180.000	J	42.7	240	ug/Kg
Q2487-12	G3(6-12)	SOIL	Pyrene		130.000	J	51.2	240	ug/Kg
			Total Svoc :		**520.00**				
Q2487-12	G3(6-12)	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	280.000	AB	0	0	ug/Kg
Q2487-12	G3(6-12)	SOIL	Benzo[j]fluoranthene	*	100.000	J	0	0	ug/Kg
Q2487-12	G3(6-12)	SOIL	Benzophenone	*	300.000	J	0	0	ug/Kg
Q2487-12	G3(6-12)	SOIL	n-Hexadecanoic acid	*	220.000	J	0	0	ug/Kg
Q2487-12	G3(6-12)	SOIL	Pentadecafluorooctanoic acid, octa	*	300.000	J	0	0	ug/Kg
Q2487-12	G3(6-12)	SOIL	Tetracosane	*	130.000	J	0	0	ug/Kg
			Total Tics :		**1,330.00**				
			Total Concentration:		**1,850.00**				
Client ID :	**G2(0-6)**								
Q2487-13	G2(0-6)	SOIL	Acenaphthene		360.000	J	47.4	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Dibenzofuran		220.000	J	50.5	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Fluorene		380.000		56.3	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Phenanthrene		5,100.000		46.5	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Anthracene		1,300.000		74.1	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Carbazole		460.000		69.4	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Fluoranthene		10,900.000	E	66.7	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Pyrene		5,200.000		80.1	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Benzo(a)anthracene		4,800.000		51.2	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Chrysene		3,700.000		44.3	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Benzo(b)fluoranthene		6,100.000	E	42.3	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Benzo(k)fluoranthene		2,100.000		49.8	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Benzo(a)pyrene		3,900.000		65.6	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Indeno(1,2,3-cd)pyrene		1,400.000		64.7	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Dibenzo(a,h)anthracene		440.000		60.9	380	ug/Kg
Q2487-13	G2(0-6)	SOIL	Benzo(g,h,i)perylene		1,600.000		57.2	380	ug/Kg
			Total Svoc :		**47,960.00**				
Q2487-13	G2(0-6)	SOIL	11H-Benzo[a]fluoren-11-one	*	150.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	11H-Benzo[b]fluorene	*	290.000	J	0	0	ug/Kg

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Hit Summary Sheet
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SDG No.: Q2487

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2487-13	G2(0-6)	SOIL	4H-Cyclopenta[def]phenanthrene	*	400.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	9,10[1,2]-Benzenoanthracene, 9,1	*	540.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Benz[a]anthracene, 2-methyl-	*	170.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Benzo(a)pyrene 4,5-oxide	*	360.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Benzo[b]naphtho[2,1-d]thiophene	*	190.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Benzo[b]triphenylene	*	330.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Benzo[e]pyrene	*	2,700.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Benzophenone	*	340.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Dibenzo[def,mno]chrysene	*	750.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Fluoranthene, 2-methyl-	*	180.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Phenanthrene, 1-methyl-	*	220.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Phenanthrene, 2-methyl-	*	150.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Picene	*	490.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	unknown13.857	*	180.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Pyrene, 1-methyl-	*	210.000	J	0	0	ug/Kg
Q2487-13	G2(0-6)	SOIL	Total PAH	*	47,300.000	J	921.9	6080	ug/Kg
			Total Tics :		**54,950.00**				
			Total Concentration:		**102,910.00**				
Client ID :	**G2(0-6)DL**								
Q2487-13DL	G2(0-6)DL	SOIL	Acenaphthene		450.000	JD	94.8	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Fluorene		480.000	JD	110	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Phenanthrene		6,200.000	D	93	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Anthracene		1,900.000	D	150	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Carbazole		570.000	JD	140	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Fluoranthene		12,200.000	ED	130	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Pyrene		7,900.000	D	160	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Benzo(a)anthracene		5,400.000	D	100	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Chrysene		5,000.000	D	88.5	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Benzo(b)fluoranthene		6,300.000	D	84.5	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Benzo(k)fluoranthene		2,200.000	D	99.6	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Benzo(a)pyrene		5,200.000	D	130	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Indeno(1,2,3-cd)pyrene		2,600.000	D	130	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Dibenzo(a,h)anthracene		800.000	D	120	760	ug/Kg
Q2487-13DL	G2(0-6)DL	SOIL	Benzo(g,h,i)perylene		2,700.000	D	110	760	ug/Kg
			Total Svoc :		**59,900.00**				
			Total Concentration:		**59,900.00**				
Client ID :	**G2(0-6)DL2**								
Q2487-13DL2	G2(0-6)DL2	SOIL	Phenanthrene		5,600.000	D	190	1500	ug/Kg
Q2487-13DL2	G2(0-6)DL2	SOIL	Anthracene		1,600.000	D	300	1500	ug/Kg

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Hit Summary Sheet
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SDG No.: Q2487

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2487-13DL2	G2(0-6)DL2	SOIL	Fluoranthene		9,900.000	D	270	1500	ug/Kg
Q2487-13DL2	G2(0-6)DL2	SOIL	Pyrene		8,500.000	D	320	1500	ug/Kg
Q2487-13DL2	G2(0-6)DL2	SOIL	Benzo(a)anthracene		5,100.000	D	200	1500	ug/Kg
Q2487-13DL2	G2(0-6)DL2	SOIL	Chrysene		4,500.000	D	180	1500	ug/Kg
Q2487-13DL2	G2(0-6)DL2	SOIL	Benzo(b)fluoranthene		5,500.000	D	170	1500	ug/Kg
Q2487-13DL2	G2(0-6)DL2	SOIL	Benzo(k)fluoranthene		1,900.000	D	200	1500	ug/Kg
Q2487-13DL2	G2(0-6)DL2	SOIL	Benzo(a)pyrene		4,700.000	D	260	1500	ug/Kg
Q2487-13DL2	G2(0-6)DL2	SOIL	Indeno(1,2,3-cd)pyrene		2,600.000	D	260	1500	ug/Kg
Q2487-13DL2	G2(0-6)DL2	SOIL	Dibenzo(a,h)anthracene		780.000	JD	240	1500	ug/Kg
Q2487-13DL2	G2(0-6)DL2	SOIL	Benzo(g,h,i)perylene		2,800.000	D	230	1500	ug/Kg
			Total Svoc :		**53,480.00**				
			Total Concentration:		**53,480.00**				
Client ID :	**G2(6-12)**								
Q2487-14	G2(6-12)	SOIL	Phenanthrene		100.000	J	30.8	250	ug/Kg
Q2487-14	G2(6-12)	SOIL	Fluoranthene		200.000	J	44.2	250	ug/Kg
Q2487-14	G2(6-12)	SOIL	Pyrene		120.000	J	53.1	250	ug/Kg
Q2487-14	G2(6-12)	SOIL	Benzo(a)anthracene		120.000	J	33.9	250	ug/Kg
Q2487-14	G2(6-12)	SOIL	Chrysene		150.000	J	29.3	250	ug/Kg
Q2487-14	G2(6-12)	SOIL	Benzo(b)fluoranthene		150.000	J	28	250	ug/Kg
Q2487-14	G2(6-12)	SOIL	Benzo(a)pyrene		110.000	J	43.5	250	ug/Kg
			Total Svoc :		**950.00**				
Q2487-14	G2(6-12)	SOIL	Benzophenone	*	280.000	J	0	0	ug/Kg
Q2487-14	G2(6-12)	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	270.000	AB	0	0	ug/Kg
Q2487-14	G2(6-12)	SOIL	n-Hexadecanoic acid	*	240.000	J	0	0	ug/Kg
			Total Tics :		**790.00**				
			Total Concentration:		**1,740.00**				
Client ID :	**G1(0-6)**								
Q2487-15	G1(0-6)	SOIL	Phenanthrene		1,300.000		130	1100	ug/Kg
Q2487-15	G1(0-6)	SOIL	Fluoranthene		2,500.000		190	1100	ug/Kg
Q2487-15	G1(0-6)	SOIL	Pyrene		1,600.000		220	1100	ug/Kg
Q2487-15	G1(0-6)	SOIL	Benzo(a)anthracene		980.000	J	140	1100	ug/Kg
Q2487-15	G1(0-6)	SOIL	Chrysene		890.000	J	120	1100	ug/Kg
Q2487-15	G1(0-6)	SOIL	Benzo(b)fluoranthene		1,200.000		120	1100	ug/Kg
Q2487-15	G1(0-6)	SOIL	Benzo(k)fluoranthene		560.000	J	140	1100	ug/Kg
Q2487-15	G1(0-6)	SOIL	Benzo(a)pyrene		950.000	J	180	1100	ug/Kg
Q2487-15	G1(0-6)	SOIL	Benzo(g,h,i)perylene		560.000	J	160	1100	ug/Kg
			Total Svoc :		**10,540.00**				
Q2487-15	G1(0-6)	SOIL	4H-Cyclopenta[def]phenanthrene	*	420.000	J	0	0	ug/Kg
			Total Tics :		**420.00**				

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Hit Summary Sheet
SW-846

SDG No.: Q2487

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	**10,960.00**				
Client ID : G1(6-12)								
Q2487-16	G1(6-12)	SOIL	Phenanthrene	2,500.000		110	910	ug/Kg
Q2487-16	G1(6-12)	SOIL	Anthracene	610.000	J	180	910	ug/Kg
Q2487-16	G1(6-12)	SOIL	Fluoranthene	4,000.000		160	910	ug/Kg
Q2487-16	G1(6-12)	SOIL	Pyrene	1,700.000		190	910	ug/Kg
Q2487-16	G1(6-12)	SOIL	Benzo(a)anthracene	1,100.000		120	910	ug/Kg
Q2487-16	G1(6-12)	SOIL	Chrysene	1,100.000		110	910	ug/Kg
Q2487-16	G1(6-12)	SOIL	Benzo(b)fluoranthene	1,300.000		100	910	ug/Kg
Q2487-16	G1(6-12)	SOIL	Benzo(k)fluoranthene	630.000	J	120	910	ug/Kg
Q2487-16	G1(6-12)	SOIL	Benzo(a)pyrene	1,000.000		160	910	ug/Kg
Q2487-16	G1(6-12)	SOIL	Indeno(1,2,3-cd)pyrene	410.000	J	160	910	ug/Kg
Q2487-16	G1(6-12)	SOIL	Benzo(g,h,i)perylene	490.000	J	140	910	ug/Kg
			Total Svoc :	**14,840.00**				
Q2487-16	G1(6-12)	SOIL	4b,8-Dimethyl-2-isopropylphenan *	1,200.000	J	0	0	ug/Kg
Q2487-16	G1(6-12)	SOIL	4H-Cyclopenta[def]phenanthrene *	540.000	J	0	0	ug/Kg
Q2487-16	G1(6-12)	SOIL	Benzo[e]pyrene *	610.000	J	0	0	ug/Kg
			Total Tics :	**2,350.00**				
			Total Concentration:	**17,190.00**				



QC SUMMARY

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

SW-846

SDG No.: Q2487

Client: Walsh Construction Company II, LLC

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
PB168722BL	PB168722BL	2-Fluorophenol	150	124	83		18	112
		Phenol-d6	150	126	84		15	107
		Nitrobenzene-d5	100	80.3	80		18	107
		2-Fluorobiphenyl	100	79.6	80		20	109
		2,4,6-Tribromophenol	150	124	83		10	116
		Terphenyl-d14	100	78.0	78		10	105
PB168722BS	PB168722BS	2-Fluorophenol	150	125	84		18	112
		Phenol-d6	150	126	84		15	107
		Nitrobenzene-d5	100	78.4	78		18	107
		2-Fluorobiphenyl	100	79.0	79		20	109
		2,4,6-Tribromophenol	150	130	87		10	116
		Terphenyl-d14	100	85.4	85		10	105
Q2487-09	G4(0-6)	2-Fluorophenol	150	62.1	41		18	112
		Phenol-d6	150	60.1	40		15	107
		Nitrobenzene-d5	100	39.0	39		18	107
		2-Fluorobiphenyl	100	39.4	39		20	109
		2,4,6-Tribromophenol	150	52.6	35		10	116
		Terphenyl-d14	100	26.7	27		10	105
Q2487-10	G4(6-12)	2-Fluorophenol	150	80.0	53		18	112
		Phenol-d6	150	79.7	53		15	107
		Nitrobenzene-d5	100	53.2	53		18	107
		2-Fluorobiphenyl	100	53.4	53		20	109
		2,4,6-Tribromophenol	150	79.8	53		10	116
		Terphenyl-d14	100	39.9	40		10	105
Q2487-11	G3(0-6)	2-Fluorophenol	150	77.4	52		18	112
		Phenol-d6	150	77.1	51		15	107
		Nitrobenzene-d5	100	51.2	51		18	107
		2-Fluorobiphenyl	100	58.3	58		20	109
		2,4,6-Tribromophenol	150	67.2	45		10	116
		Terphenyl-d14	100	39.3	39		10	105
Q2487-12	G3(6-12)	2-Fluorophenol	150	80.1	53		18	112
		Phenol-d6	150	79.7	53		15	107
		Nitrobenzene-d5	100	51.1	51		18	107
		2-Fluorobiphenyl	100	50.8	51		20	109
		2,4,6-Tribromophenol	150	79.4	53		10	116
		Terphenyl-d14	100	41.6	42		10	105
Q2487-13	G2(0-6)	2-Fluorophenol	150	63.2	42		18	112
		Phenol-d6	150	63.4	42		15	107
		Nitrobenzene-d5	100	40.9	41		18	107
		2-Fluorobiphenyl	100	45.7	46		20	109
		2,4,6-Tribromophenol	150	44.3	30		10	116
		Terphenyl-d14	100	30.8	31		10	105
Q2487-13DL	G2(0-6)DL	2-Fluorophenol	150	80.6	54		18	112
		Phenol-d6	150	88.0	59		15	107
		Nitrobenzene-d5	100	49.3	49		18	107
		2-Fluorobiphenyl	100	49.4	49		20	109
		2,4,6-Tribromophenol	150	118	79		10	116
		Terphenyl-d14	100	53.7	54		10	105
Q2487-13DL2	G2(0-6)DL2	2-Fluorophenol	150	68.0	45		18	112
		Phenol-d6	150	70.2	47		15	107
		Nitrobenzene-d5	100	46.5	46		18	107

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Surrogate Summary

SW-846

SDG No.: Q2487

Client: Walsh Construction Company II, LLC

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2487-13DL2	G2(0-6)DL2	2-Fluorobiphenyl	100	46.6	47		20	109
		2,4,6-Tribromophenol	150	81.7	54		10	116
		Terphenyl-d14	100	55.9	56		10	105
Q2487-14	G2(6-12)	2-Fluorophenol	150	74.9	50		18	112
		Phenol-d6	150	73.8	49		15	107
		Nitrobenzene-d5	100	49.2	49		18	107
		2-Fluorobiphenyl	100	46.1	46		20	109
		2,4,6-Tribromophenol	150	67.9	45		10	116
		Terphenyl-d14	100	29.9	30		10	105
Q2487-15	G1(0-6)	2-Fluorophenol	150	57.9	39		18	112
		Phenol-d6	150	55.9	37		15	107
		Nitrobenzene-d5	100	34.0	34		18	107
		2-Fluorobiphenyl	100	39.9	40		20	109
		2,4,6-Tribromophenol	150	54.8	37		10	116
		Terphenyl-d14	100	32.9	33		10	105
Q2487-16	G1(6-12)	2-Fluorophenol	150	56.1	37		18	112
		Phenol-d6	150	56.6	38		15	107
		Nitrobenzene-d5	100	37.0	37		18	107
		2-Fluorobiphenyl	100	39.5	39		20	109
		2,4,6-Tribromophenol	150	46.6	31		10	116
		Terphenyl-d14	100	26.6	27		10	105
Q2493-01MS	WC-11MS	2-Fluorophenol	150	97.7	65		18	112
		Phenol-d6	150	100.0	67		15	107
		Nitrobenzene-d5	100	64.2	64		18	107
		2-Fluorobiphenyl	100	62.0	62		20	109
		2,4,6-Tribromophenol	150	106	71		10	116
		Terphenyl-d14	100	60.7	61		10	105
Q2493-01MSD	WC-11MSD	2-Fluorophenol	150	92.2	61		18	112
		Phenol-d6	150	93.7	62		15	107
		Nitrobenzene-d5	100	61.1	61		18	107
		2-Fluorobiphenyl	100	58.6	59		20	109
		2,4,6-Tribromophenol	150	99.0	66		10	116
		Terphenyl-d14	100	57.7	58		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2487 **Analytical Method:** SW8270E

Client: Walsh Construction Company II, LLC **DataFile:** BF143006.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2493-01MS		**Client Sample ID: WC-11MS**									
Benzaldehyde	1100	0	1100	ug/Kg	100				10	171	
Phenol	1100	0	960	ug/Kg	87				51	122	
bis(2-Chloroethyl)ether	1100	0	1000	ug/Kg	91				54	125	
2-Chlorophenol	1100	0	1000	ug/Kg	91				51	121	
2-Methylphenol	1100	0	1000	ug/Kg	91				47	125	
2,2-oxybis(1-Chloropropane)	1100	0	940	ug/Kg	85				46	119	
Acetophenone	1100	0	1000	ug/Kg	91				55	128	
3+4-Methylphenols	1100	0	1000	ug/Kg	91				49	125	
N-Nitroso-di-n-propylamine	1100	0	1000	ug/Kg	91				59	119	
Hexachloroethane	1100	0	1000	ug/Kg	91				51	116	
Nitrobenzene	1100	0	1000	ug/Kg	91				47	124	
Isophorone	1100	0	1000	ug/Kg	91				49	127	
2-Nitrophenol	1100	0	1100	ug/Kg	100				43	131	
2,4-Dimethylphenol	1100	0	1000	ug/Kg	91				63	151	
bis(2-Chloroethoxy)methane	1100	0	1000	ug/Kg	91				51	119	
2,4-Dichlorophenol	1100	0	1000	ug/Kg	91				50	122	
Naphthalene	1100	0	1000	ug/Kg	91				51	121	
4-Chloroaniline	1100	0	330	ug/Kg	30				10	100	
Hexachlorobutadiene	1100	0	1000	ug/Kg	91				44	126	
Caprolactam	1100	0	1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100	0	1000	ug/Kg	91				57	132	
2-Methylnaphthalene	1100	0	1000	ug/Kg	91				59	123	
Hexachlorocyclopentadiene	2300	0	1600	ug/Kg	70				10	175	
2,4,6-Trichlorophenol	1100	0	1000	ug/Kg	91				33	141	
2,4,5-Trichlorophenol	1100	0	1000	ug/Kg	91				38	135	
1,1-Biphenyl	1100	0	1100	ug/Kg	100				55	131	
2-Chloronaphthalene	1100	0	1000	ug/Kg	91				48	124	
2-Nitroaniline	1100	0	1000	ug/Kg	91				47	134	
Dimethylphthalate	1100	0	1100	ug/Kg	100				54	120	
Acenaphthylene	1100	0	1000	ug/Kg	91				57	125	
2,6-Dinitrotoluene	1100	0	1100	ug/Kg	100				48	127	
3-Nitroaniline	1100	0	580	ug/Kg	53				10	112	
Acenaphthene	1100	0	1100	ug/Kg	100				70	121	
2,4-Dinitrophenol	2300	0	2200	ug/Kg	96				10	155	
4-Nitrophenol	2300	0	1700	ug/Kg	74				10	175	
Dibenzofuran	1100	0	1000	ug/Kg	91				52	114	
2,4-Dinitrotoluene	1100	0	1100	ug/Kg	100				41	140	
Diethylphthalate	1100	0	1100	ug/Kg	100				51	119	
4-Chlorophenyl-phenylether	1100	0	1100	ug/Kg	100				48	122	
Fluorene	1100	0	1100	ug/Kg	100				53	118	
4-Nitroaniline	1100	0	1100	ug/Kg	100				29	140	
4,6-Dinitro-2-methylphenol	1100	0	1100	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	1100	0	1100	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1100	0	1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100	0	1100	ug/Kg	100				67	118	
Atrazine	1100	0	1300	ug/Kg	118				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2487 **Analytical Method:** SW8270E

Client: Walsh Construction Company II, LLC **DataFile:** BF143006.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2300	0	1800	ug/Kg	78				13	153	
Phenanthrene	1100	0	1100	ug/Kg	100				52	128	
Anthracene	1100	0	1100	ug/Kg	100				62	124	
Carbazole	1100	0	1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100	0	1300	ug/Kg	118				55	125	
Fluoranthene	1100	47.9	1100	ug/Kg	96				44	125	
Pyrene	1100	0	960	ug/Kg	87				37	122	
Butylbenzylphthalate	1100	0	1300	ug/Kg	118				44	135	
3,3-Dichlorobenzidine	1100	0	600	ug/Kg	55				15	112	
Benzo(a)anthracene	1100	0	1100	ug/Kg	100				53	119	
Chrysene	1100	0	1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100	0	1200	ug/Kg	109				42	169	
Di-n-octyl phthalate	1100	0	1100	ug/Kg	100				51	156	
Benzo(b)fluoranthene	1100	0	1200	ug/Kg	109				52	117	
Benzo(k)fluoranthene	1100	0	990	ug/Kg	90				57	134	
Benzo(a)pyrene	1100	0	1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	940	ug/Kg	85				40	129	
Dibenz(a,h)anthracene	1100	0	950	ug/Kg	86				43	123	
Benzo(g,h,i)perylene	1100	0	930	ug/Kg	85				24	125	
1,2,4,5-Tetrachlorobenzene	1100	0	1100	ug/Kg	100				52	134	
1,4-Dioxane	1100	0	870	ug/Kg	79				46	112	
2,3,4,6-Tetrachlorophenol	1100	0	990	ug/Kg	90				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2487 **Analytical Method:** SW8270E

Client: Walsh Construction Company II, LLC **DataFile:** BF143007.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2493-01MSD		**Client Sample ID: WC-11MSD**									
Benzaldehyde	1100	0	1000	ug/Kg	91		9		10	171	20
Phenol	1100	0	900	ug/Kg	82		6		51	122	20
bis(2-Chloroethyl)ether	1100	0	940	ug/Kg	85		7		54	125	20
2-Chlorophenol	1100	0	940	ug/Kg	85		7		51	121	20
2-Methylphenol	1100	0	920	ug/Kg	84		8		47	125	20
2,2-oxybis(1-Chloropropane)	1100	0	860	ug/Kg	78		9		46	119	20
Acetophenone	1100	0	1000	ug/Kg	91		0		55	128	20
3+4-Methylphenols	1100	0	950	ug/Kg	86		6		49	125	20
N-Nitroso-di-n-propylamine	1100	0	950	ug/Kg	86		6		59	119	20
Hexachloroethane	1100	0	940	ug/Kg	85		7		51	116	20
Nitrobenzene	1100	0	980	ug/Kg	89		2		47	124	20
Isophorone	1100	0	980	ug/Kg	89		2		49	127	20
2-Nitrophenol	1100	0	1000	ug/Kg	91		9		43	131	20
2,4-Dimethylphenol	1100	0	960	ug/Kg	87		4		63	151	20
bis(2-Chloroethoxy)methane	1100	0	980	ug/Kg	89		2		51	119	20
2,4-Dichlorophenol	1100	0	980	ug/Kg	89		2		50	122	20
Naphthalene	1100	0	960	ug/Kg	87		4		51	121	20
4-Chloroaniline	1100	0	280	ug/Kg	25		18		10	100	20
Hexachlorobutadiene	1100	0	1000	ug/Kg	91		0		44	126	20
Caprolactam	1100	0	1100	ug/Kg	100		0		51	134	20
4-Chloro-3-methylphenol	1100	0	990	ug/Kg	90		1		57	132	20
2-Methylnaphthalene	1100	0	970	ug/Kg	88		3		59	123	20
Hexachlorocyclopentadiene	2300	0	1500	ug/Kg	65		7		10	175	20
2,4,6-Trichlorophenol	1100	0	950	ug/Kg	86		6		33	141	20
2,4,5-Trichlorophenol	1100	0	940	ug/Kg	85		7		38	135	20
1,1-Biphenyl	1100	0	990	ug/Kg	90		11		55	131	20
2-Chloronaphthalene	1100	0	980	ug/Kg	89		2		48	124	20
2-Nitroaniline	1100	0	970	ug/Kg	88		3		47	134	20
Dimethylphthalate	1100	0	1000	ug/Kg	91		9		54	120	20
Acenaphthylene	1100	0	970	ug/Kg	88		3		57	125	20
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91		9		48	127	20
3-Nitroaniline	1100	0	530	ug/Kg	48		10		10	112	20
Acenaphthene	1100	0	1100	ug/Kg	100		0		70	121	20
2,4-Dinitrophenol	2300	0	2100	ug/Kg	91		5		10	155	20
4-Nitrophenol	2300	0	1600	ug/Kg	70		6		10	175	20
Dibenzofuran	1100	0	970	ug/Kg	88		3		52	114	20
2,4-Dinitrotoluene	1100	0	1000	ug/Kg	91		9		41	140	20
Diethylphthalate	1100	0	1100	ug/Kg	100		0		51	119	20
4-Chlorophenyl-phenylether	1100	0	1000	ug/Kg	91		9		48	122	20
Fluorene	1100	0	980	ug/Kg	89		12		53	118	20
4-Nitroaniline	1100	0	1000	ug/Kg	91		9		29	140	20
4,6-Dinitro-2-methylphenol	1100	0	1100	ug/Kg	100		0		10	160	20
N-Nitrosodiphenylamine	1100	0	1000	ug/Kg	91		9		73	118	20
4-Bromophenyl-phenylether	1100	0	1000	ug/Kg	91		9		65	121	20
Hexachlorobenzene	1100	0	1000	ug/Kg	91		9		67	118	20
Atrazine	1100	0	1200	ug/Kg	109		8		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2487 **Analytical Method:** SW8270E

Client: Walsh Construction Company II, LLC **DataFile:** BF143007.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2300	0	1700	ug/Kg	74		5		13	153	20
Phenanthrene	1100	0	990	ug/Kg	90		11		52	128	20
Anthracene	1100	0	1000	ug/Kg	91		9		62	124	20
Carbazole	1100	0	1000	ug/Kg	91		9		59	119	20
Di-n-butylphthalate	1100	0	1200	ug/Kg	109		8		55	125	20
Fluoranthene	1100	47.9	1000	ug/Kg	87		10		44	125	20
Pyrene	1100	0	910	ug/Kg	83		5		37	122	20
Butylbenzylphthalate	1100	0	1300	ug/Kg	118		0		44	135	20
3,3-Dichlorobenzidine	1100	0	570	ug/Kg	52		6		15	112	20
Benzo(a)anthracene	1100	0	1000	ug/Kg	91		9		53	119	20
Chrysene	1100	0	1000	ug/Kg	91		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100	0	1200	ug/Kg	109		0		42	169	20
Di-n-octyl phthalate	1100	0	1000	ug/Kg	91		9		51	156	20
Benzo(b)fluoranthene	1100	0	1100	ug/Kg	100		9		52	117	20
Benzo(k)fluoranthene	1100	0	980	ug/Kg	89		1		57	134	20
Benzo(a)pyrene	1100	0	1000	ug/Kg	91		9		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	890	ug/Kg	81		5		40	129	20
Dibenz(a,h)anthracene	1100	0	890	ug/Kg	81		6		43	123	20
Benzo(g,h,i)perylene	1100	0	870	ug/Kg	79		7		24	125	20
1,2,4,5-Tetrachlorobenzene	1100	0	990	ug/Kg	90		11		52	134	20
1,4-Dioxane	1100	0	790	ug/Kg	72		9		46	112	20
2,3,4,6-Tetrachlorophenol	1100	0	950	ug/Kg	86		5		24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2487 **Analytical Method:** 8270E

Client: Walsh Construction Company II, LLC **DataFile:** BF143029.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168722BS	Benzaldehyde	1700	1500	ug/Kg	88				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	910	ug/Kg	54				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	2400	ug/Kg	73				45	165	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128	
	4-Nitrophenol	3300	2500	ug/Kg	76				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1500	ug/Kg	88				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2487 **Analytical Method:** 8270E

Client: Walsh Construction Company II, LLC **DataFile:** BF143029.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168722BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1700	ug/Kg	100				47	152	
	Pentachlorophenol	3300	2600	ug/Kg	79				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	910	ug/Kg	54				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB168722BL

Lab Name: Alliance | Contract: WALS01

Lab Code: ACE | SDG NO.: Q2487

Lab File ID: BF143004.D | Lab Sample ID: PB168722BL

Instrument ID: BNA_F | Date Extracted: 07/03/2025

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

Level: (low/med) LOW | Time Analyzed: 12:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
G4(6-12)	Q2487-10	BF143009.D	07/07/2025
WC-11MS	Q2493-01MS	BF143006.D	07/07/2025
WC-11MSD	Q2493-01MSD	BF143007.D	07/07/2025
G3(6-12)	Q2487-12	BF143008.D	07/07/2025
G2(6-12)	Q2487-14	BF143010.D	07/07/2025
PB168722BS	PB168722BS	BF143029.D	07/08/2025
G2(0-6)	Q2487-13	BF143063.D	07/09/2025
G4(0-6)	Q2487-09	BF143064.D	07/09/2025
G1(6-12)	Q2487-16	BF143067.D	07/09/2025
G3(0-6)	Q2487-11	BF143068.D	07/09/2025
G1(0-6)	Q2487-15	BF143069.D	07/09/2025

COMMENTS:

Raw Data: **BF142787.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG NO.: Q2487

Lab File ID: BF142787.D DFTPP Injection Date: 06/19/2025

Instrument ID: BNA_F DFTPP Injection Time: 16:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	30.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF142788.D	06/19/2025	17:07
SSTDICC005	SSTDICC005	BF142789.D	06/19/2025	17:38
SSTDICC010	SSTDICC010	BF142790.D	06/19/2025	18:08
SSTDICC020	SSTDICC020	BF142791.D	06/19/2025	18:39
SSTDICCC040	SSTDICCC040	BF142792.D	06/19/2025	19:09
SSTDICC050	SSTDICC050	BF142793.D	06/19/2025	19:40
SSTDICC060	SSTDICC060	BF142794.D	06/19/2025	20:10
SSTDICC080	SSTDICC080	BF142795.D	06/19/2025	20:40

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: WALS01

Lab Code: ACE — SDG NO.: Q2487

Lab File ID: BF143002.D — DFTPP Injection Date: 07/07/2025

Instrument ID: BNA_F — DFTPP Injection Time: 11:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	29.4
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF143003.D	07/07/2025	12:12
PB168722BL	PB168722BL	BF143004.D	07/07/2025	12:42
WC-11MS	Q2493-01MS	BF143006.D	07/07/2025	13:47
WC-11MSD	Q2493-01MSD	BF143007.D	07/07/2025	14:17
G3(6-12)	Q2487-12	BF143008.D	07/07/2025	14:47
G4(6-12)	Q2487-10	BF143009.D	07/07/2025	15:17
G2(6-12)	Q2487-14	BF143010.D	07/07/2025	15:48

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: WALS01

Lab Code: ACE — SDG NO.: Q2487

Lab File ID: BF143024.D — DFTPP Injection Date: 07/08/2025

Instrument ID: BNA_F — DFTPP Injection Time: 10:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	32.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6
365	Greater than 1% of mass 198	3.3
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	18.8 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143025.D	07/08/2025	10:54
PB168722BS	PB168722BS	BF143029.D	07/08/2025	12:55

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: WALS01

Lab Code: ACE — SDG NO.: Q2487

Lab File ID: BF143047.D — DFTPP Injection Date: 07/09/2025

Instrument ID: BNA_F — DFTPP Injection Time: 10:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	30.9
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143048.D	07/09/2025	10:52
G2(0-6)	Q2487-13	BF143063.D	07/09/2025	18:31
G4(0-6)	Q2487-09	BF143064.D	07/09/2025	19:02
G1(6-12)	Q2487-16	BF143067.D	07/09/2025	20:34
G3(0-6)	Q2487-11	BF143068.D	07/09/2025	21:04
G1(0-6)	Q2487-15	BF143069.D	07/09/2025	21:35

Raw Data: **BP025070.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG NO.: Q2487

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

Instrument ID: BNA_P DFTPP Injection Time: 08:58

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

1-Value is % mass 69

2-Value is % mass 442

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

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG NO.: Q2487

Lab File ID: BP025081.D DFTPP Injection Date: 07/10/2025

Instrument ID: BNA_P DFTPP Injection Time: 13:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	31.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	12.8
442	Greater than 50% of mass 198	82.9
443	15.0 - 24.0% of mass 442	16.3 (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	BP025082.D	07/10/2025	14:04
G2(0-6)DL	Q2487-13DL	BP025095.D	07/10/2025	23:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: WALS01

Lab Code: ACE — SDG NO.: Q2487

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

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	29.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	92.6
443	15.0 - 24.0% of mass 442	18.1 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025138.D	07/15/2025	09:36
G2(0-6)DL2	Q2487-13DL2	BP025147.D	07/15/2025	15:58

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2487

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

Lab File ID: BF143003.D Time Analyzed: 12:12

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	66299	6.875	250576	8.16	128386	9.92
	UPPER LIMIT	132598	7.375	501152	8.663	256772	10.422
	LOWER LIMIT	33149.5	6.375	125288	7.663	64193	9.422
	EPA SAMPLE NO.						
01	PB168722BL	69506	6.88	264185	8.16	142352	9.92
02	WC-11MS	60406	6.88	223388	8.16	115795	9.92
03	G4(6-12)	56558	6.88	204687	8.16	100135	9.92
04	G3(6-12)	58747	6.88	219665	8.16	110534	9.92
05	G2(6-12)	59682	6.88	212123	8.16	99522	9.92
06	WC-11MSD	64606	6.88	236179	8.16	121582	9.92

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2487

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

Lab File ID: BF143003.D Time Analyzed: 12:12

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	196682	11.41	115356	14.057	146144	15.551
	UPPER LIMIT	393364	11.91	230712	14.557	292288	16.051
	LOWER LIMIT	98341	10.91	57678	13.557	73072	15.051
	EPA SAMPLE NO.						
01	PB168722BL	239046	11.40	129583	14.05	142512	15.55
02	WC-11MS	188739	11.41	117040	14.06	129347	15.55
03	G4(6-12)	154869	11.40	114112	14.05	133109	15.55
04	G3(6-12)	175777	11.40	118055	14.05	131217	15.55
05	G2(6-12)	147264	11.40	121624	14.05	143461	15.55
06	WC-11MSD	195379	11.41	121256	14.06	136589	15.55

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.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2487

Client ID : SSTDCCC040 Date Analyzed: 07/08/2025

Lab File ID: BF143025.D Time Analyzed: 10:54

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	66813	6.875	257725	8.16	136330	9.92
	UPPER LIMIT	133626	7.375	515450	8.663	272660	10.422
	LOWER LIMIT	33406.5	6.375	128863	7.663	68165	9.422
	EPA SAMPLE NO.						
01	PB168722BS	56971	6.88	220160	8.16	116094	9.92

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

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* Values outside of QC limits.

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

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2487

Client ID: SSTDCCC040 Date Analyzed: 07/08/2025

Lab File ID: BF143025.D Time Analyzed: 10:54

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	218169	11.41	109391	14.063	135350	15.557
	UPPER LIMIT	436338	11.91	218782	14.563	270700	16.057
	LOWER LIMIT	109085	10.91	54695.5	13.563	67675	15.057
	EPA SAMPLE NO.						
01	PB168722BS	189569	11.41	94842	14.06	112590	15.56

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2487

Client ID : SSTDCCC040 Date Analyzed: 07/09/2025

Lab File ID: BF143048.D Time Analyzed: 10:52

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #		RT #
	12 HOUR STD	66592	6.875	257344	8.16	135062		9.92
	UPPER LIMIT	133184	7.375	514688	8.657	270124		10.416
	LOWER LIMIT	33296	6.375	128672	7.657	67531		9.416
	EPA SAMPLE NO.							
01	G3(0-6)	43463	6.87	148519	8.16	64447	*	9.92
02	G1(0-6)	39640	6.87	139294	8.16	61361	*	9.91
03	G1(6-12)	45228	6.87	159788	8.16	70306		9.91
04	G4(0-6)	45424	6.87	161547	8.16	75920		9.91
05	G2(0-6)	53547	6.87	191945	8.16	87788		9.91

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

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* Values outside of QC limits.

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

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2487

Client ID: SSTDCCC040 Date Analyzed: 07/09/2025

Lab File ID: BF143048.D Time Analyzed: 10:52

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	218580	11.41	110392	14.057	146270	15.545
	UPPER LIMIT	437160	11.91	220784	14.557	292540	16.045
	LOWER LIMIT	109290	10.91	55196	13.557	73135	15.045
	EPA SAMPLE NO.						
01	G3(0-6)	109030 *	11.40	112715	14.05	74278	15.55
02	G1(0-6)	117403	11.40	107649	14.05	68902 *	15.55
03	G1(6-12)	107884 *	11.40	119286	14.05	77504	15.55
04	G4(0-6)	131498	11.40	133783	14.05	89246	15.55
05	G2(0-6)	125484	11.40	131113	14.06	102046	15.55

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2487

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

Lab File ID: BP025082.D Time Analyzed: 14:04

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	409438	7.425	1701300	10.18	1080410	14.08
	UPPER LIMIT	818876	7.925	3402600	10.678	2160820	14.584
	LOWER LIMIT	204719	6.925	850650	9.678	540205	13.584
	EPA SAMPLE NO.						
01	G2(0-6)DL	333631	7.44	1470190	10.19	1059540	14.09

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

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* Values outside of QC limits.

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

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2487

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

Lab File ID: BP025082.D Time Analyzed: 14:04

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2198800	16.901	2306390	21.336	2492510	24.483
	UPPER LIMIT	4397600	17.401	4612780	21.836	4985020	24.983
	LOWER LIMIT	1099400	16.401	1153200	20.836	1246260	23.983
	EPA SAMPLE NO.						
01	G2(0-6)DL	2622860	16.91	3703130	21.34	4039720	24.48

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

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

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

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2487

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

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

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	539286	7.443	1912690	10.18	1092260	14.08
	UPPER LIMIT	1078570	7.943	3825380	10.684	2184520	14.584
	LOWER LIMIT	269643	6.943	956345	9.684	546130	13.584
	EPA SAMPLE NO.						
01	G2(0-6)DL2	679768	7.44	2796860	10.19	1841260	14.08

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

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

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

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

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2487

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

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

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2112950	16.89	2423210	21.336	2977610	24.466
	UPPER LIMIT	4225900	17.39	4846420	21.836	5955220	24.966
	LOWER LIMIT	1056480	16.39	1211610	20.836	1488810	23.966
	EPA SAMPLE NO.						
01	G2(0-6)DL2	3743450	16.91	3883440	21.34	4506340	24.50

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

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

Column used to flag values outside QC limits with an asterisk.
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SAMPLE DATA

Raw Data: **BF143064.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143064.D	2	07/03/25 09:00	07/09/25 19:02	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	360	U	360	760	ug/Kg
108-95-2	Phenol	50.6	U	50.6	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.7	U	55.7	390	ug/Kg
95-57-8	2-Chlorophenol	55.9	U	55.9	390	ug/Kg
95-48-7	2-Methylphenol	68.5	U	68.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85.9	U	85.9	390	ug/Kg
98-86-2	Acetophenone	67.6	U	67.6	390	ug/Kg
65794-96-9	3+4-Methylphenols	94.2	U	94.2	760	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110	U	110	180	ug/Kg
67-72-1	Hexachloroethane	40.3	U	40.3	390	ug/Kg
98-95-3	Nitrobenzene	41.9	U	41.9	390	ug/Kg
78-59-1	Isophorone	75.1	U	75.1	390	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	390	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	70.6	U	70.6	390	ug/Kg
120-83-2	2,4-Dichlorophenol	64.8	U	64.8	390	ug/Kg
91-20-3	Naphthalene	52.0	U	52.0	390	ug/Kg
106-47-8	4-Chloroaniline	81.1	U	81.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	58.0	U	58.0	390	ug/Kg
105-60-2	Caprolactam	120	U	120	760	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65.7	U	65.7	390	ug/Kg
91-57-6	2-Methylnaphthalene	58.6	U	58.6	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	U	270	760	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.4	U	45.4	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66.7	U	66.7	390	ug/Kg
92-52-4	1,1-Biphenyl	49.9	U	49.9	390	ug/Kg
91-58-7	2-Chloronaphthalene	51.5	U	51.5	390	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	390	ug/Kg
131-11-3	Dimethylphthalate	62.1	U	62.1	390	ug/Kg

Raw Data: **BF143064.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143064.D	2	07/03/25 09:00	07/09/25 19:02	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	66.2	U	66.2	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	77.0	U	77.0	390	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	390	ug/Kg
83-32-9	Acenaphthene	48.8	U	48.8	390	ug/Kg
51-28-5	2,4-Dinitrophenol	520	U	520	760	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	760	ug/Kg
132-64-9	Dibenzofuran	52.0	U	52.0	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	390	ug/Kg
84-66-2	Diethylphthalate	64.8	U	64.8	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.2	U	61.2	390	ug/Kg
86-73-7	Fluorene	58.0	U	58.0	390	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	240	760	ug/Kg
86-30-6	n-Nitrosodiphenylamine	75.4	U	75.4	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63.7	U	63.7	390	ug/Kg
118-74-1	Hexachlorobenzene	58.0	U	58.0	390	ug/Kg
1912-24-9	Atrazine	77.9	U	77.9	390	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	760	ug/Kg
85-01-8	Phenanthrene	310	J	47.9	390	ug/Kg
120-12-7	Anthracene	76.3	U	76.3	390	ug/Kg
86-74-8	Carbazole	71.5	U	71.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	390	ug/Kg
206-44-0	Fluoranthene	600		68.7	390	ug/Kg
129-00-0	Pyrene	300	J	82.5	390	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	84.1	U	84.1	760	ug/Kg
56-55-3	Benzo(a)anthracene	230	J	52.7	390	ug/Kg
218-01-9	Chrysene	220	J	45.6	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	390	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	760	ug/Kg
205-99-2	Benzo(b)fluoranthene	310	J	43.5	390	ug/Kg

Raw Data: **BF143064.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143064.D	2	07/03/25 09:00	07/09/25 19:02	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	51.3	U	51.3	390	ug/Kg
50-32-8	Benzo(a)pyrene	230	J	67.6	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66.7	U	66.7	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62.8	U	62.8	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58.9	U	58.9	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.6	U	58.6	390	ug/Kg
123-91-1	1,4-Dioxane	100	U	100	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62.8	U	62.8	390	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	62.1		18 - 112	41%	SPK: 150
13127-88-3	Phenol-d6	60.1		15 - 107	40%	SPK: 150
4165-60-0	Nitrobenzene-d5	39.0		18 - 107	39%	SPK: 100
321-60-8	2-Fluorobiphenyl	39.4		20 - 109	39%	SPK: 100
118-79-6	2,4,6-Tribromophenol	52.6		10 - 116	35%	SPK: 150
1718-51-0	Terphenyl-d14	26.7		10 - 105	27%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	45400	6.869			
1146-65-2	Naphthalene-d8	162000	8.157			
15067-26-2	Acenaphthene-d10	75900	9.91			
1517-22-2	Phenanthrene-d10	131000	11.404			
1719-03-5	Chrysene-d12	134000	14.051			
1520-96-3	Perylene-d12	89200	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000613-12-7	Anthracene, 2-methyl-	180	J		11.9	ug/Kg

Raw Data: **BF143064.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143064.D	2	07/03/25 09:00	07/09/25 19:02	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143064.D
Acq On : 09 Jul 2025 19:02
Operator : RC/JU
Sample : Q2487-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Quant Time: Jul 10 00:57:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

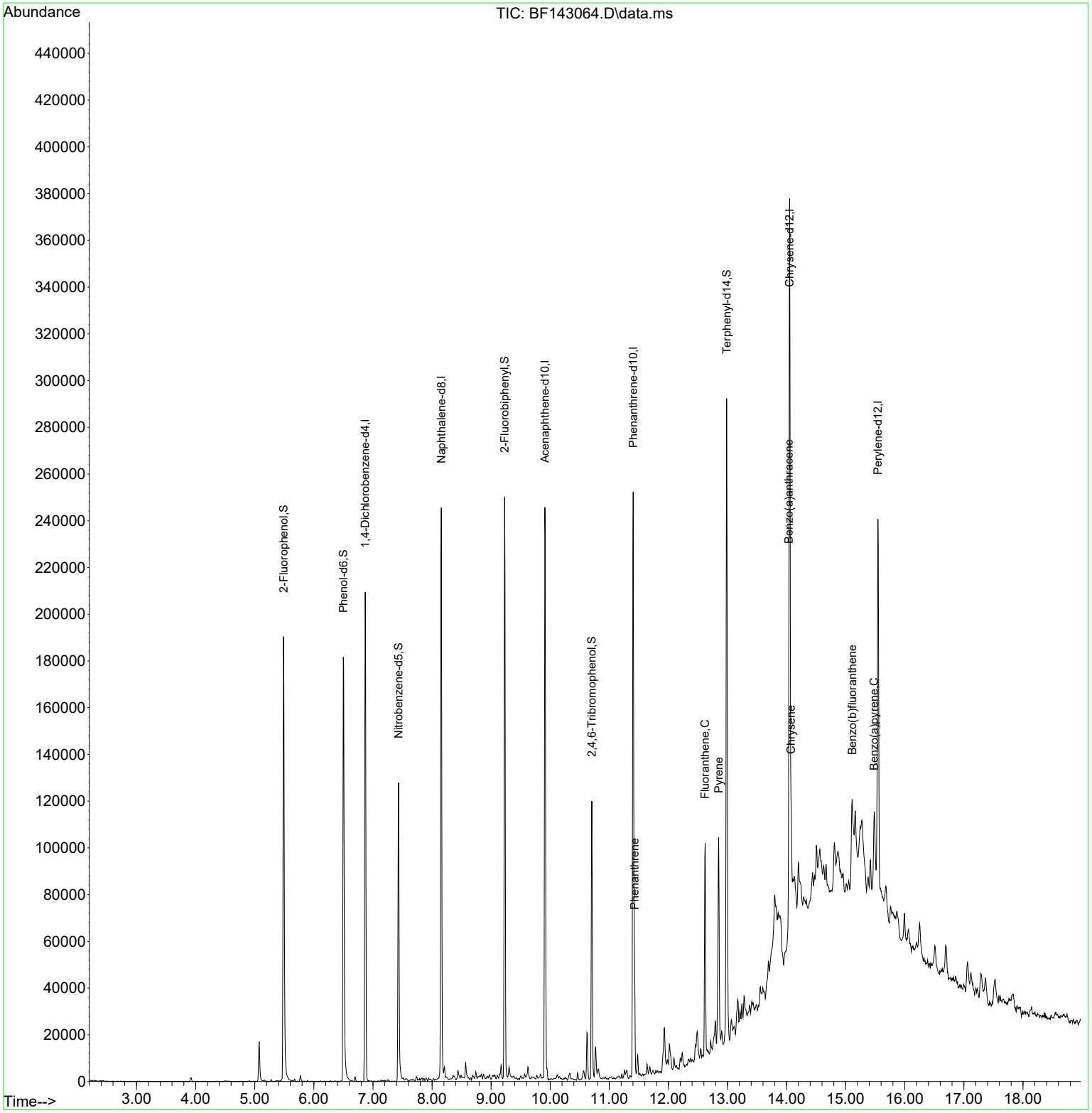
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	45424	20.000	ng		-0.01
21) Naphthalene-d8	8.157	136	161547	20.000	ng		-0.01
39) Acenaphthene-d10	9.910	164	75920	20.000	ng		-0.01
64) Phenanthrene-d10	11.404	188	131498	20.000	ng		0.00
76) Chrysene-d12	14.051	240	133783	20.000	ng		0.00
86) Perylene-d12	15.545	264	89246	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	84686	31.040	ng		0.00
7) Phenol-d6	6.498	99	96768	30.063	ng		-0.01
23) Nitrobenzene-d5	7.434	82	57466	19.512	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	20533	26.282	ng		-0.01
45) 2-Fluorobiphenyl	9.227	172	113964	19.720	ng		-0.02
79) Terphenyl-d14	12.986	244	129438	13.368	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	11.427	178	28702	4.029	ng		99
75) Fluoranthene	12.621	202	52822	7.814	ng		100
78) Pyrene	12.851	202	49643	3.959	ng		98
81) Benzo(a)anthracene	14.039	228	27541	3.052	ng	#	93
83) Chrysene	14.074	228	23616	2.932	ng	#	95
88) Benzo(b)fluoranthene	15.109	252	20795m	4.027	ng		
90) Benzo(a)pyrene	15.480	252	14717	2.950	ng	#	93

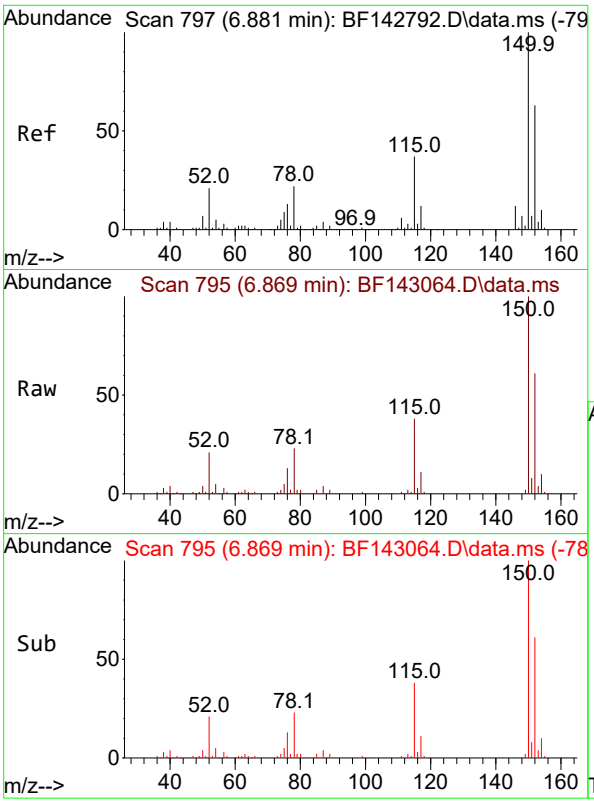
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143064.D
Acq On : 09 Jul 2025 19:02
Operator : RC/JU
Sample : Q2487-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Quant Time: Jul 10 00:57:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



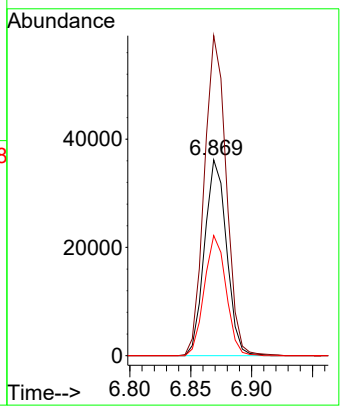


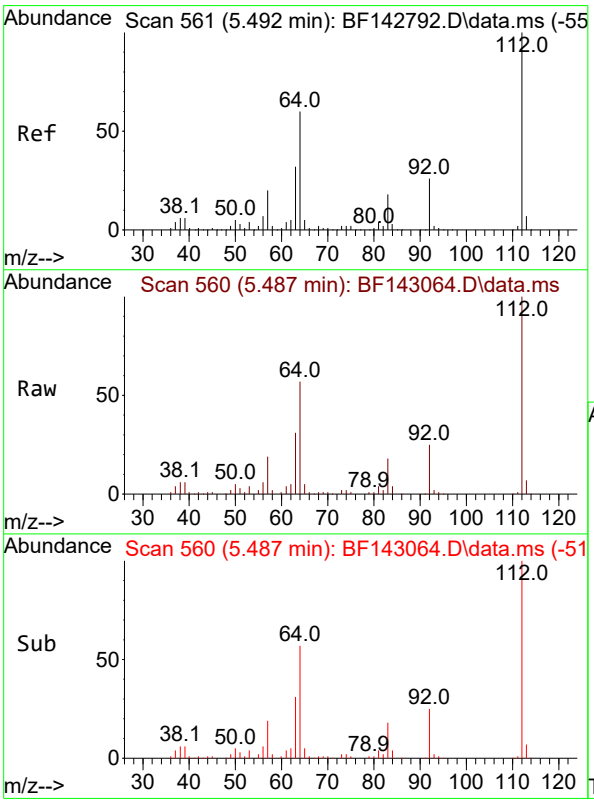
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Tgt Ion:152 Resp: 45424

Ion	Ratio	Lower	Upper
152	100		
150	163.5	127.2	190.8
115	61.4	46.6	69.8

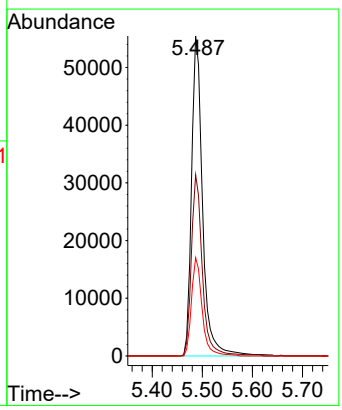


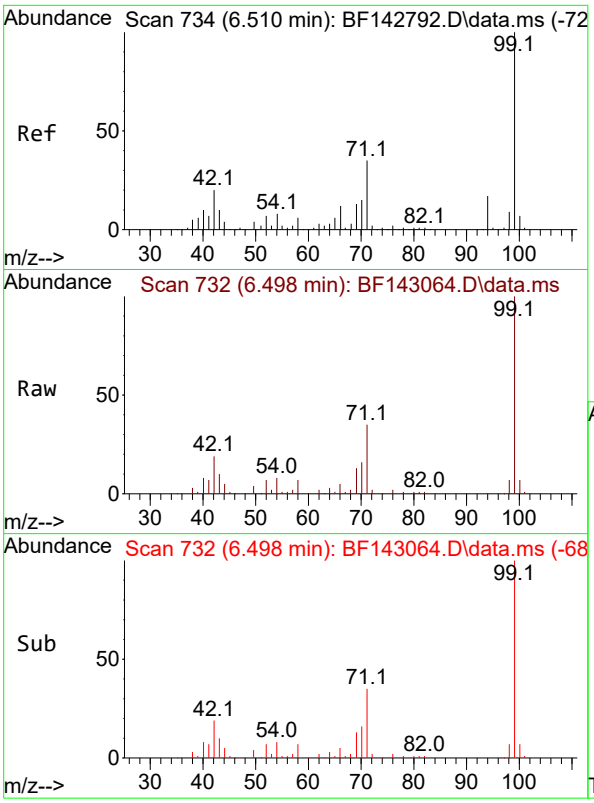


#5
2-Fluorophenol
Concen: 31.040 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.005 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Tgt Ion:112 Resp: 84686

Ion	Ratio	Lower	Upper
112	100		
64	56.6	48.2	72.2
63	30.7	25.7	38.5



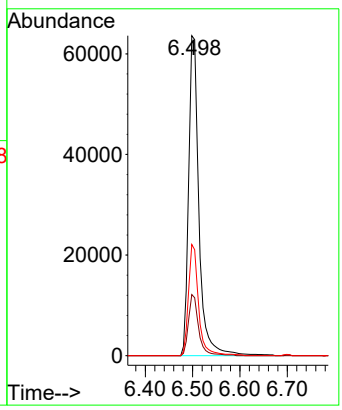


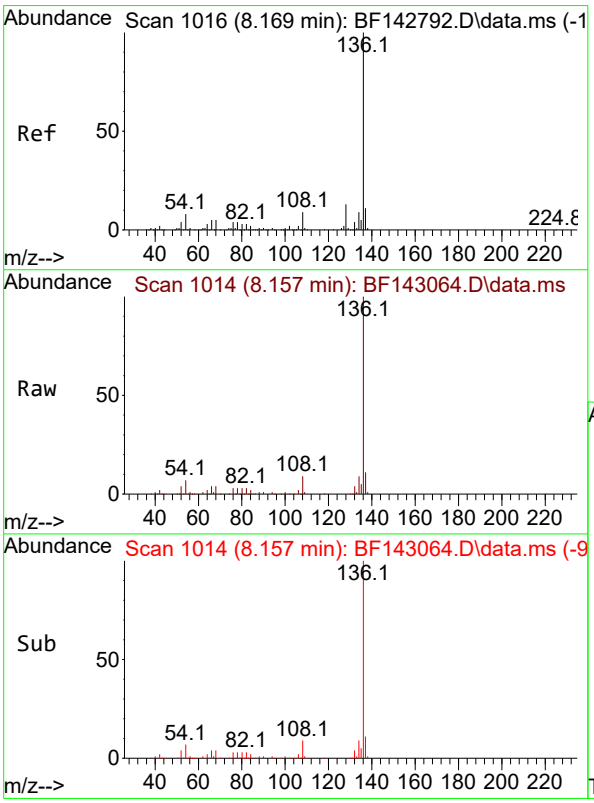
#7
Phenol-d6
Concen: 30.063 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Tgt Ion: 99 Resp: 96768

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.9	23.9
71	34.8	27.8	41.8

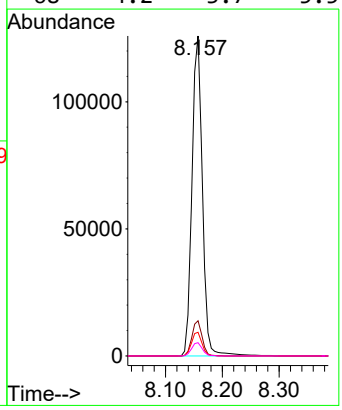


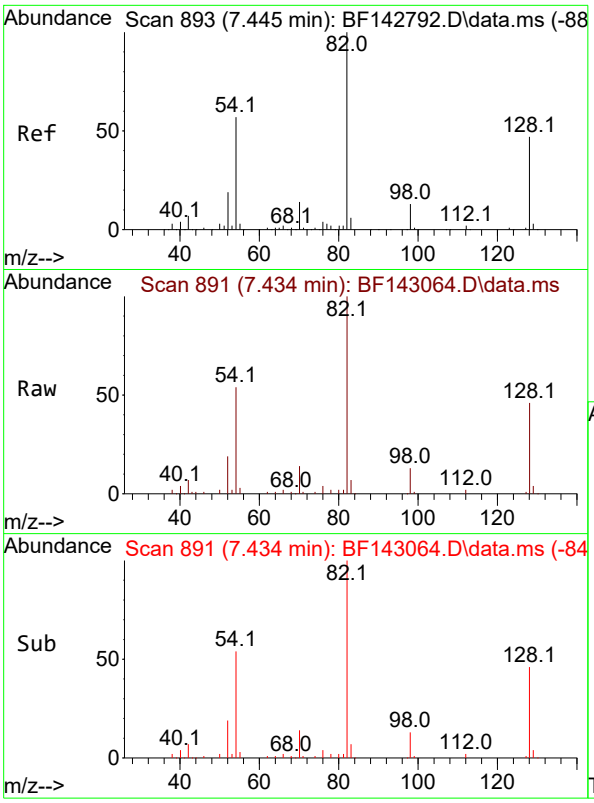


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Tgt Ion:136 Resp: 161547

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.4	6.3	9.5
68	4.2	3.7	5.5



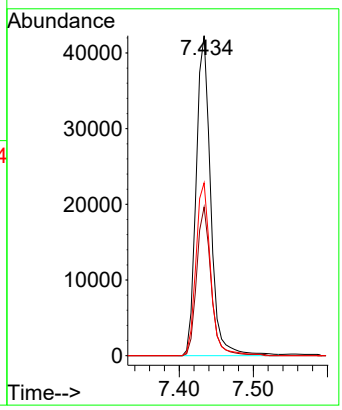


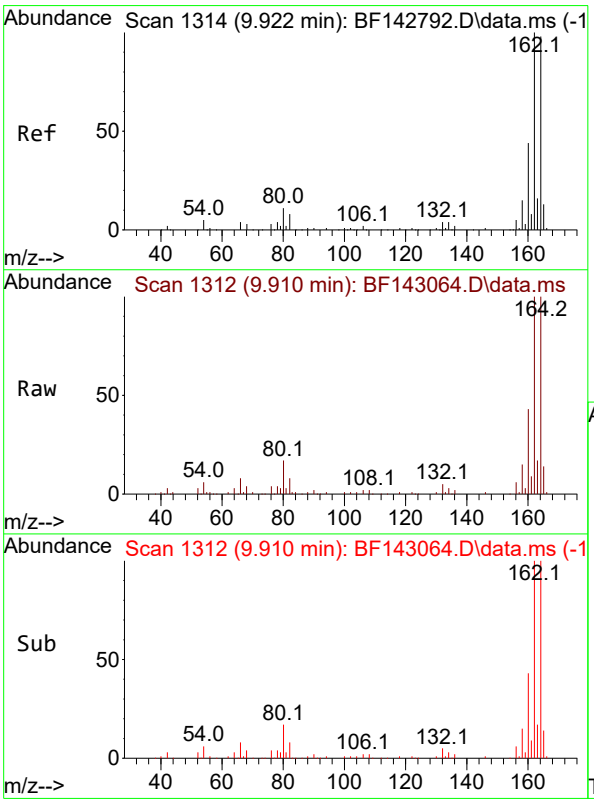
#23
Nitrobenzene-d5
Concen: 19.512 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.011 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Tgt Ion: 82 Resp: 57466

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.7	56.5
54	54.0	45.7	68.5

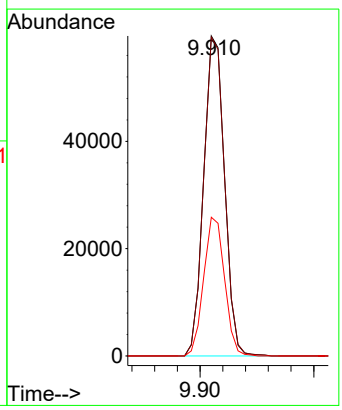


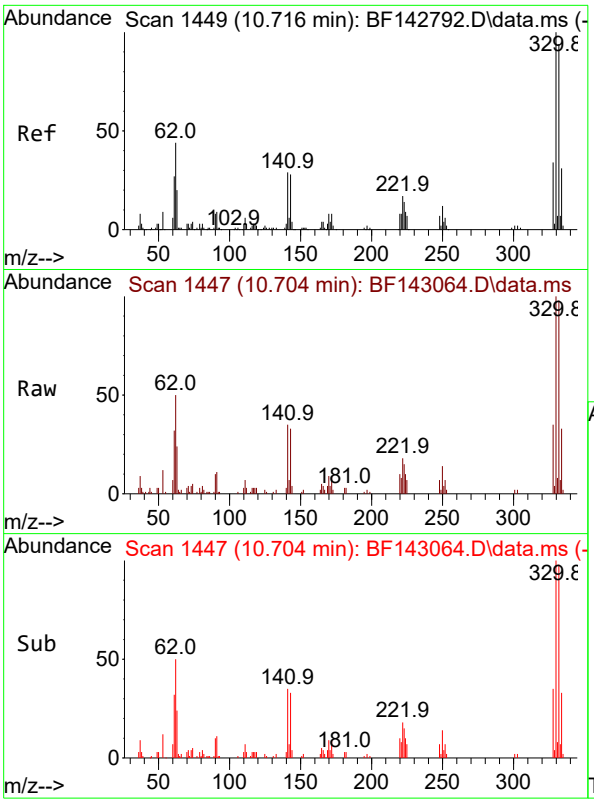


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Tgt Ion:164 Resp: 75920

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.8	122.8
160	43.3	36.0	54.0



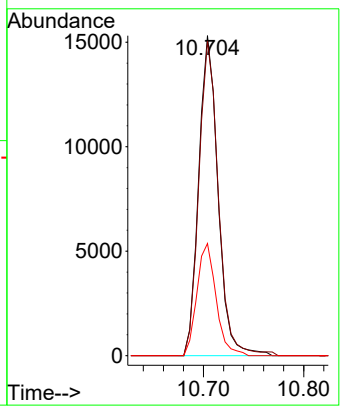


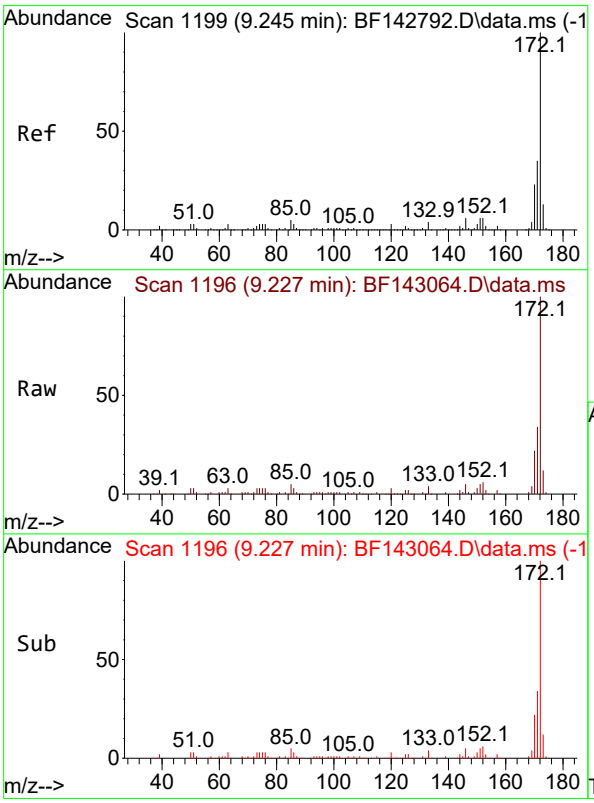
#42
2,4,6-Tribromophenol
Concen: 26.282 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Tgt Ion:330 Resp: 20533

Ion	Ratio	Lower	Upper
330	100		
332	99.3	75.0	112.6
141	34.8	25.3	37.9

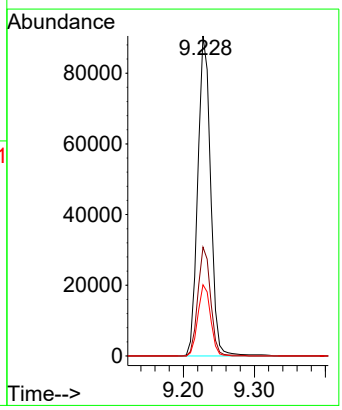


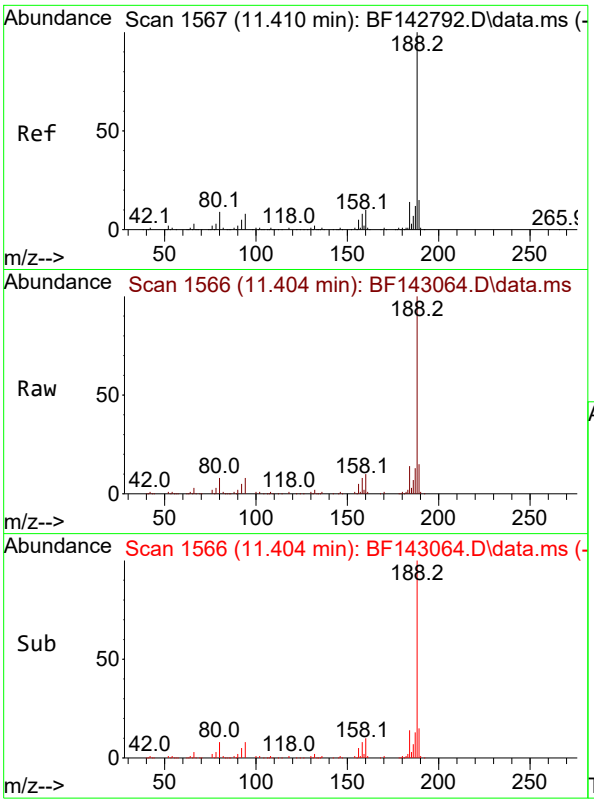


#45
2-Fluorobiphenyl
Concen: 19.720 ng
RT: 9.227 min Scan# 1196
Delta R.T. -0.018 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Tgt Ion:172 Resp: 113964

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.2	42.4
170	22.3	18.5	27.7



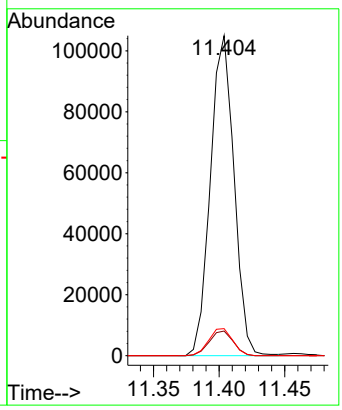


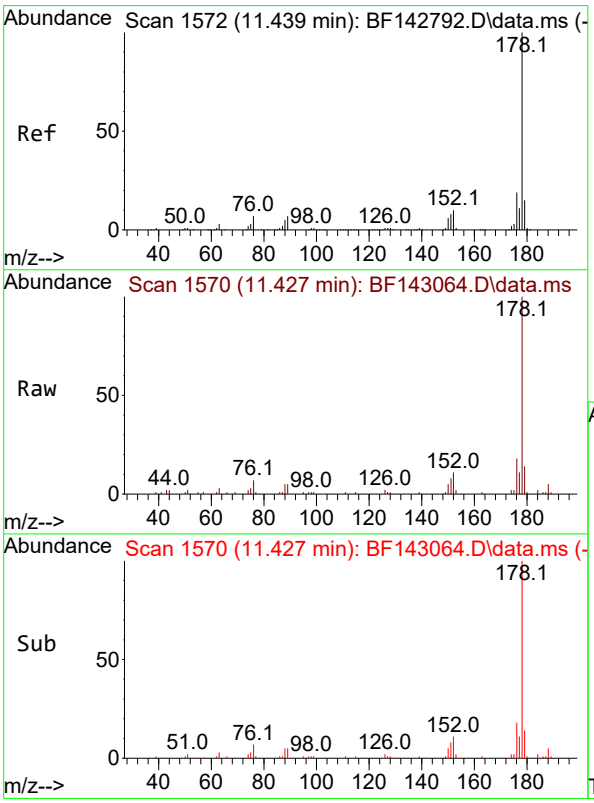
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Tgt Ion:188 Resp: 131498

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	8.4	6.9	10.3

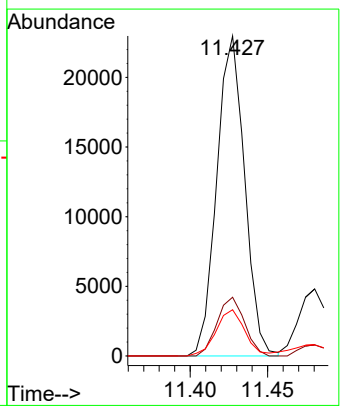


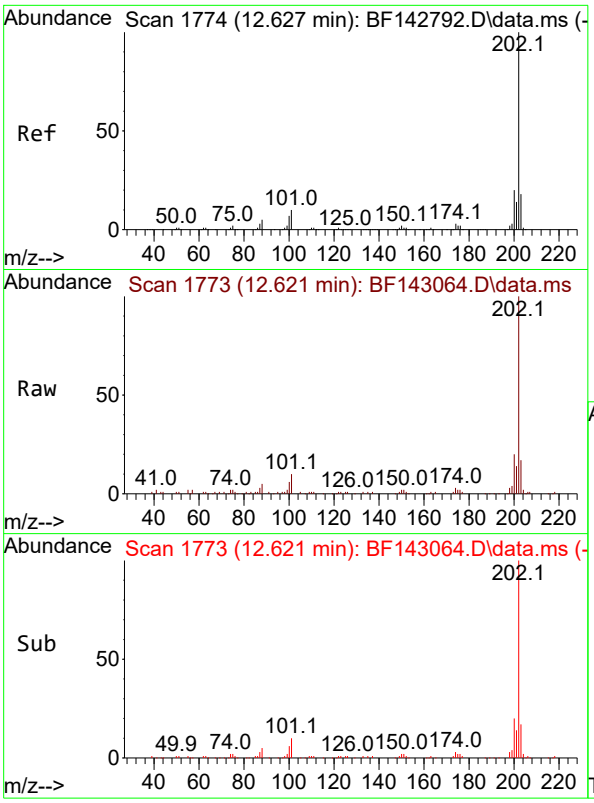


#71
Phenanthrene
Concen: 4.029 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Tgt Ion:178 Resp: 28702

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	14.4	12.0	18.0



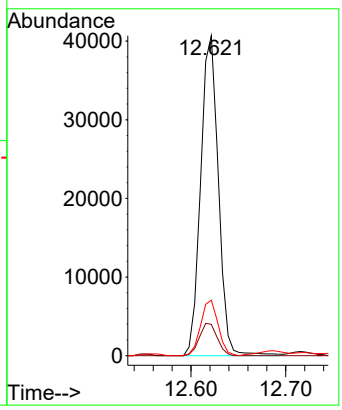


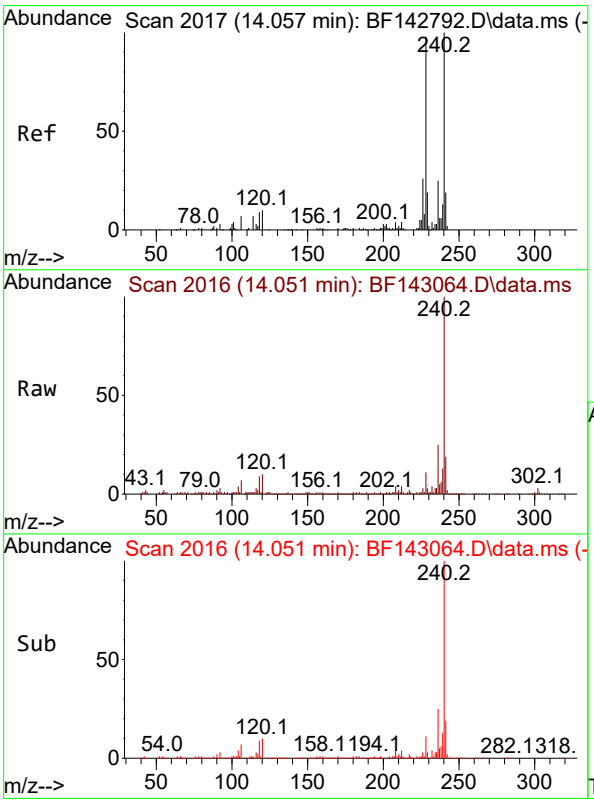
#75
Fluoranthene
Concen: 7.814 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Tgt Ion:202 Resp: 52822

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.7
203	17.3	0.0	37.5

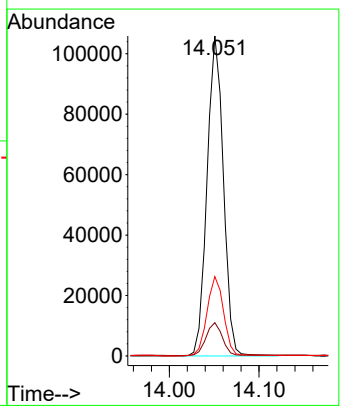


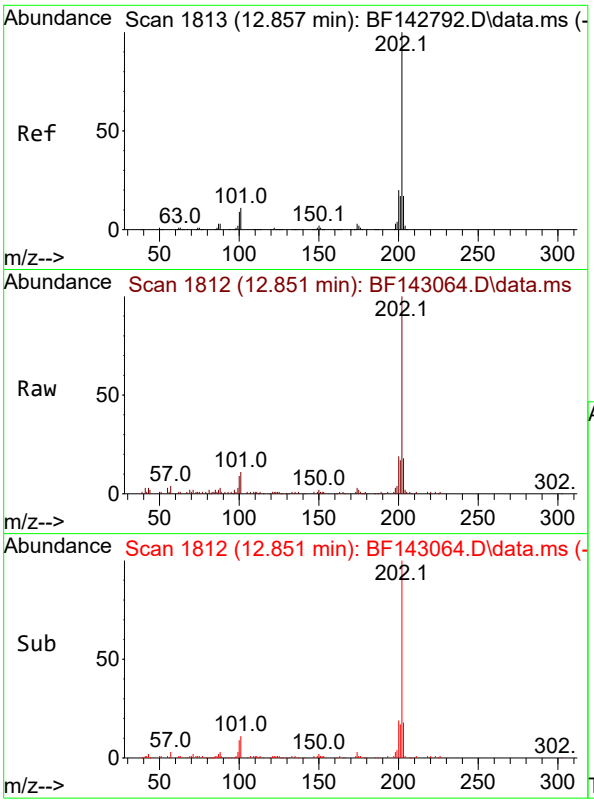


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Tgt Ion:240 Resp: 133783

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.2	12.2
236	24.8	19.8	29.8



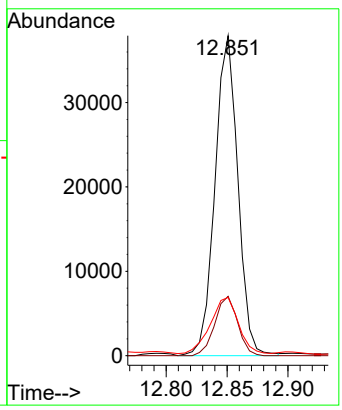


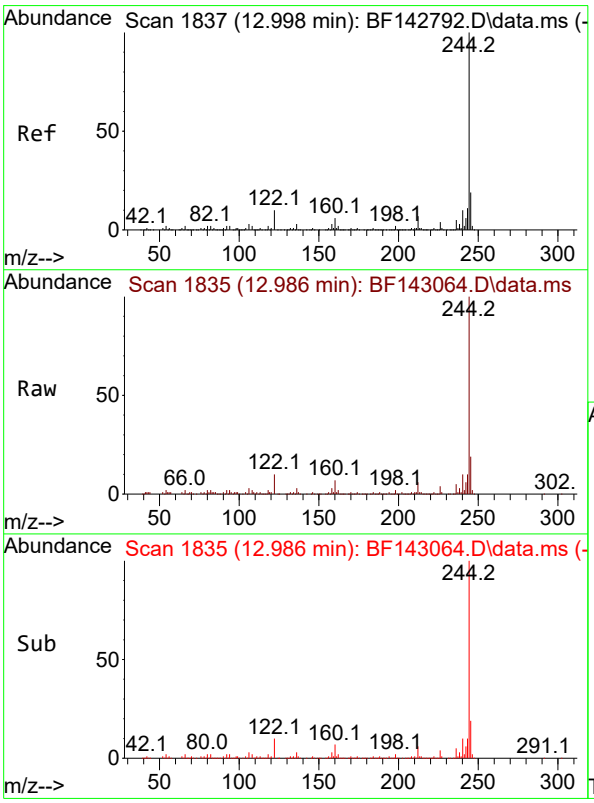
#78
Pyrene
Concen: 3.959 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Tgt Ion:202 Resp: 49643

Ion	Ratio	Lower	Upper
202	100		
200	18.5	15.7	23.5
203	18.2	13.8	20.6

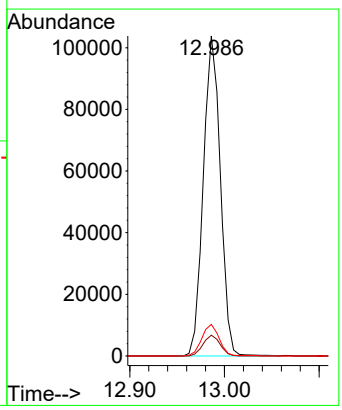


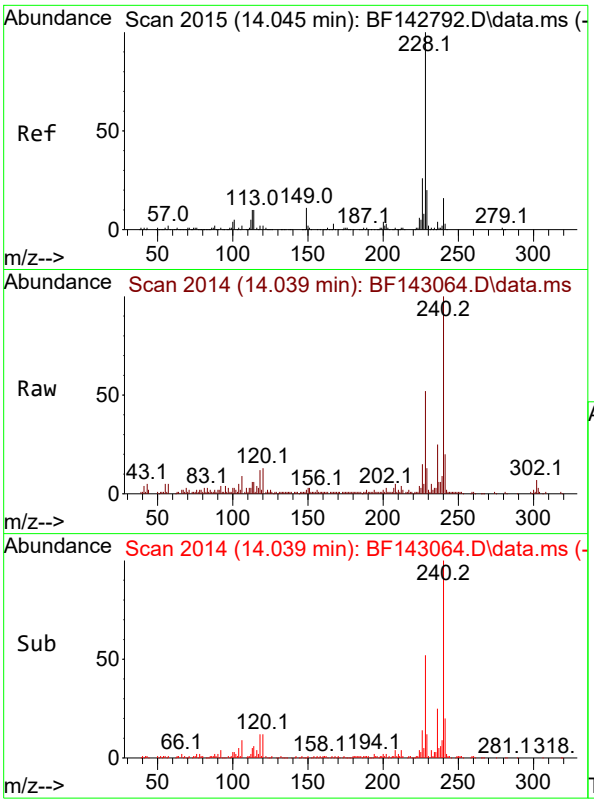


#79
Terphenyl-d14
Concen: 13.368 ng
RT: 12.986 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Tgt Ion:244 Resp: 129438

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.9	8.2	12.2



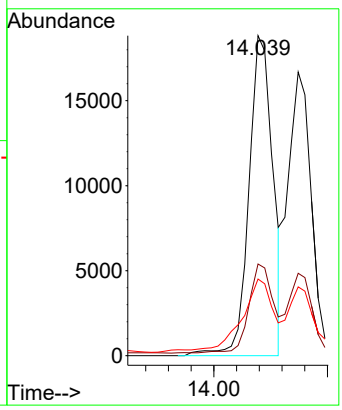


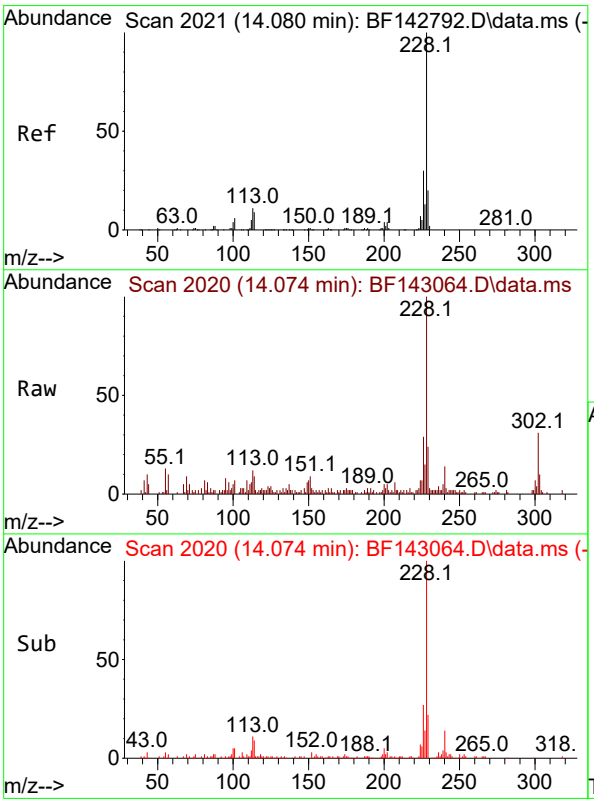
#81
Benzo(a)anthracene
Concen: 3.052 ng
RT: 14.039 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Tgt Ion:228 Resp: 27541

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.2	31.8
229	23.9	15.6	23.4#

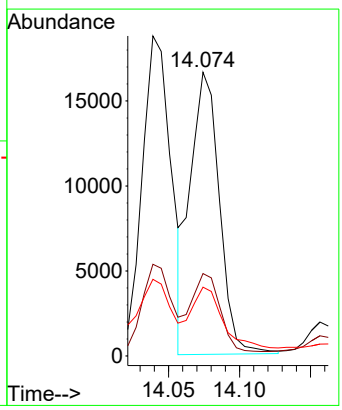


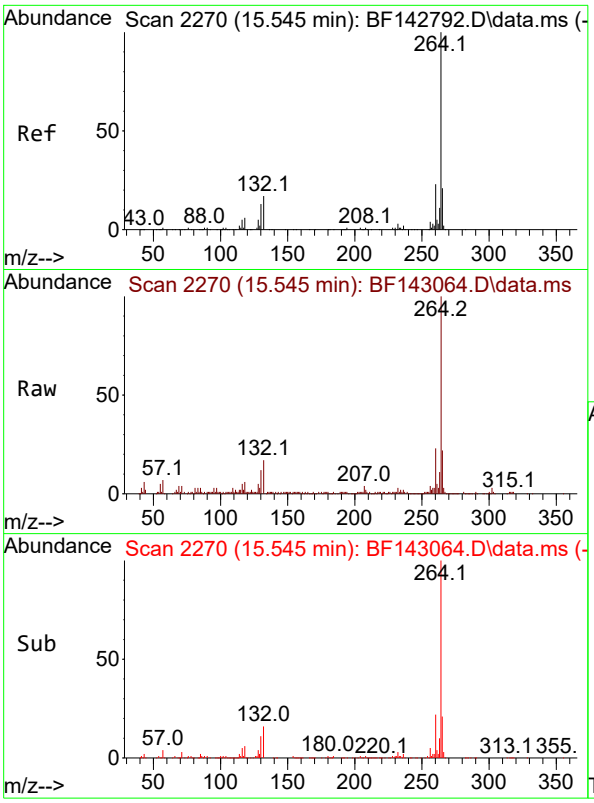


#83
Chrysene
Concen: 2.932 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Tgt Ion:228 Resp: 23616

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	24.3	15.7	23.5#



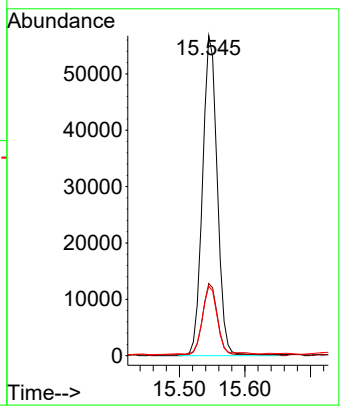


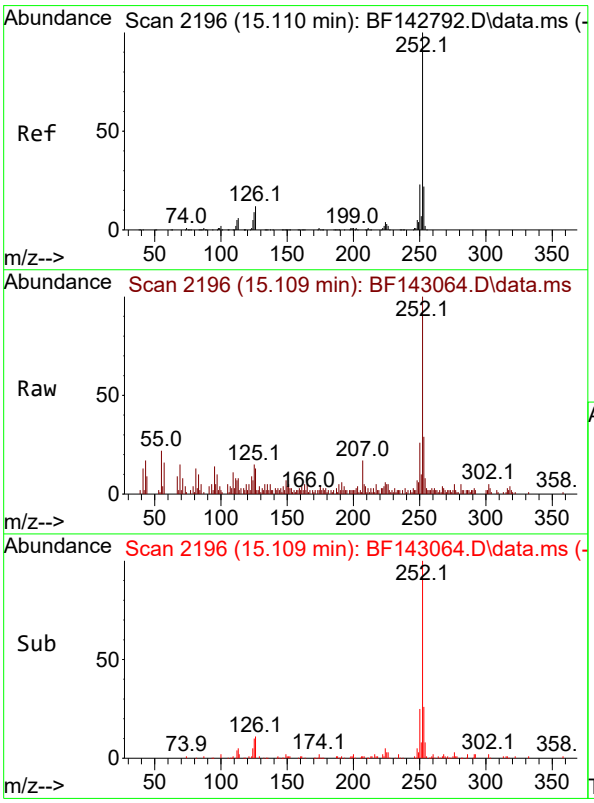
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Tgt Ion:264 Resp: 89246

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.1	27.1
265	21.7	16.6	25.0

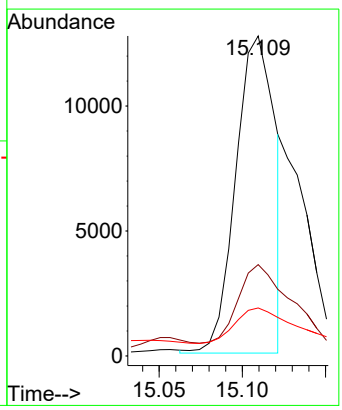


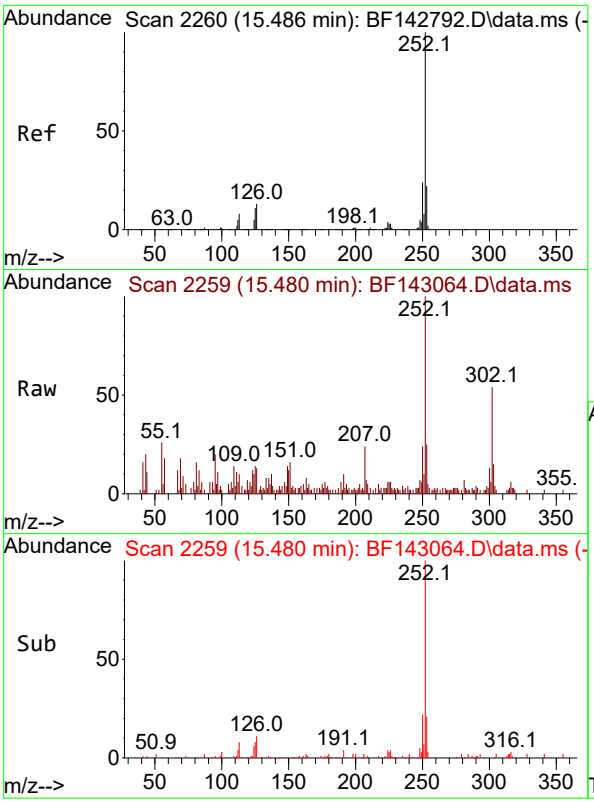


#88
Benzo(b)fluoranthene
Concen: 4.027 ng m
RT: 15.109 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Tgt Ion:252 Resp: 20795

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.5	26.3#
125	15.0	7.4	11.0#



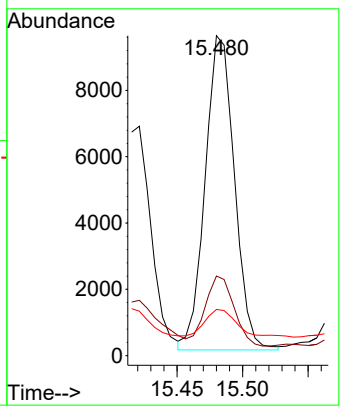


#90
Benzo(a)pyrene
Concen: 2.950 ng
RT: 15.480 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143064.D
Acq: 09 Jul 2025 19:02

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Tgt Ion:252 Resp: 14717

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	14.4	8.6	12.8#



Sample Results: **BF143064.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143064.D
Acq On : 09 Jul 2025 19:02
Operator : RC/JU
Sample : Q2487-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143064.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	485	490	501	rBV	16922	25363	4.85%	0.589%
2	5.487	555	560	575	rVB	189623	274566	52.54%	6.375%
3	6.498	728	732	762	rVB	181497	269364	51.54%	6.254%
4	6.869	790	795	803	rBV	209542	258799	49.52%	6.009%
5	7.434	886	891	902	rBV	127740	173652	33.23%	4.032%
6	8.157	1006	1014	1020	rBV	244199	311564	59.62%	7.234%
7	8.210	1020	1023	1026	rVB	4453	5310	1.02%	0.123%
8	8.439	1055	1062	1068	rBV5	3802	7380	1.41%	0.171%
9	8.569	1081	1084	1091	rBV	6759	8356	1.60%	0.194%
10	9.169	1183	1186	1191	rVB2	5828	7339	1.40%	0.170%
11	9.228	1191	1196	1205	rBV	249018	307362	58.81%	7.136%
12	9.304	1205	1209	1216	rVB4	4411	6368	1.22%	0.148%
13	9.622	1257	1263	1271	rVB4	5093	8800	1.68%	0.204%
14	9.910	1307	1312	1317	rBV	244104	307849	58.90%	7.147%
15	10.333	1377	1384	1388	rBV4	3072	6492	1.24%	0.151%
16	10.563	1418	1423	1428	rVV5	3933	7682	1.47%	0.178%
17	10.622	1428	1433	1439	rVV	20189	27181	5.20%	0.631%
18	10.704	1442	1447	1454	rVV	119115	152918	29.26%	3.550%
19	10.769	1454	1458	1462	rVV	13754	22153	4.24%	0.514%
20	10.816	1462	1466	1476	rVB2	4278	8802	1.68%	0.204%
21	11.298	1543	1548	1552	rVB4	3498	6404	1.23%	0.149%
22	11.404	1561	1566	1574	rBV2	250532	375801	71.91%	8.725%
23	11.480	1575	1579	1583	rVB	8626	10903	2.09%	0.253%
24	11.933	1647	1656	1661	rBV3	19078	44041	8.43%	1.023%
25	12.016	1667	1670	1679	rVB2	10900	21840	4.18%	0.507%
26	12.092	1679	1683	1689	rBV5	5002	7800	1.49%	0.181%
27	12.204	1698	1702	1704	rBV	4775	7300	1.40%	0.169%
28	12.233	1704	1707	1714	rVB5	6308	10247	1.96%	0.238%
29	12.457	1741	1745	1746	rBV2	6765	7364	1.41%	0.171%
30	12.486	1746	1750	1757	rVV5	12077	24186	4.63%	0.562%
31	12.621	1768	1773	1779	rBV	91246	118305	22.64%	2.747%
32	12.716	1786	1789	1794	rBV6	5540	8792	1.68%	0.204%
33	12.792	1794	1802	1806	rVV3	12560	26876	5.14%	0.624%
34	12.851	1806	1812	1818	rVV	89558	137177	26.25%	3.185%
35	12.898	1818	1820	1824	rVB3	5771	7830	1.50%	0.182%
36	12.986	1830	1835	1843	rVB	274630	363614	69.57%	8.442%

Sample Results: **BF143064.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143064.D
Acq On : 09 Jul 2025 19:02
Operator : RC/JU
Sample : Q2487-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.068	1844	1849	1852	rBV3	8488	15655	3.00%	0.363%
38	13.174	1861	1867	1870	rBV3	13865	27819	5.32%	0.646%
39	13.210	1871	1873	1876	rVV3	6897	8601	1.65%	0.200%
40	13.245	1876	1879	1882	rVV	8369	10881	2.08%	0.253%
41	13.280	1882	1885	1894	rVV5	9617	20295	3.88%	0.471%
42	14.051	2010	2016	2024	rBV2	315740	522624	100.00%	12.134%
43	15.109	2192	2196	2201	rBV	31225	67624	12.94%	1.570%
44	15.545	2266	2270	2283	rVB	161921	257871	49.34%	5.987%

Sum of corrected areas: 4307150

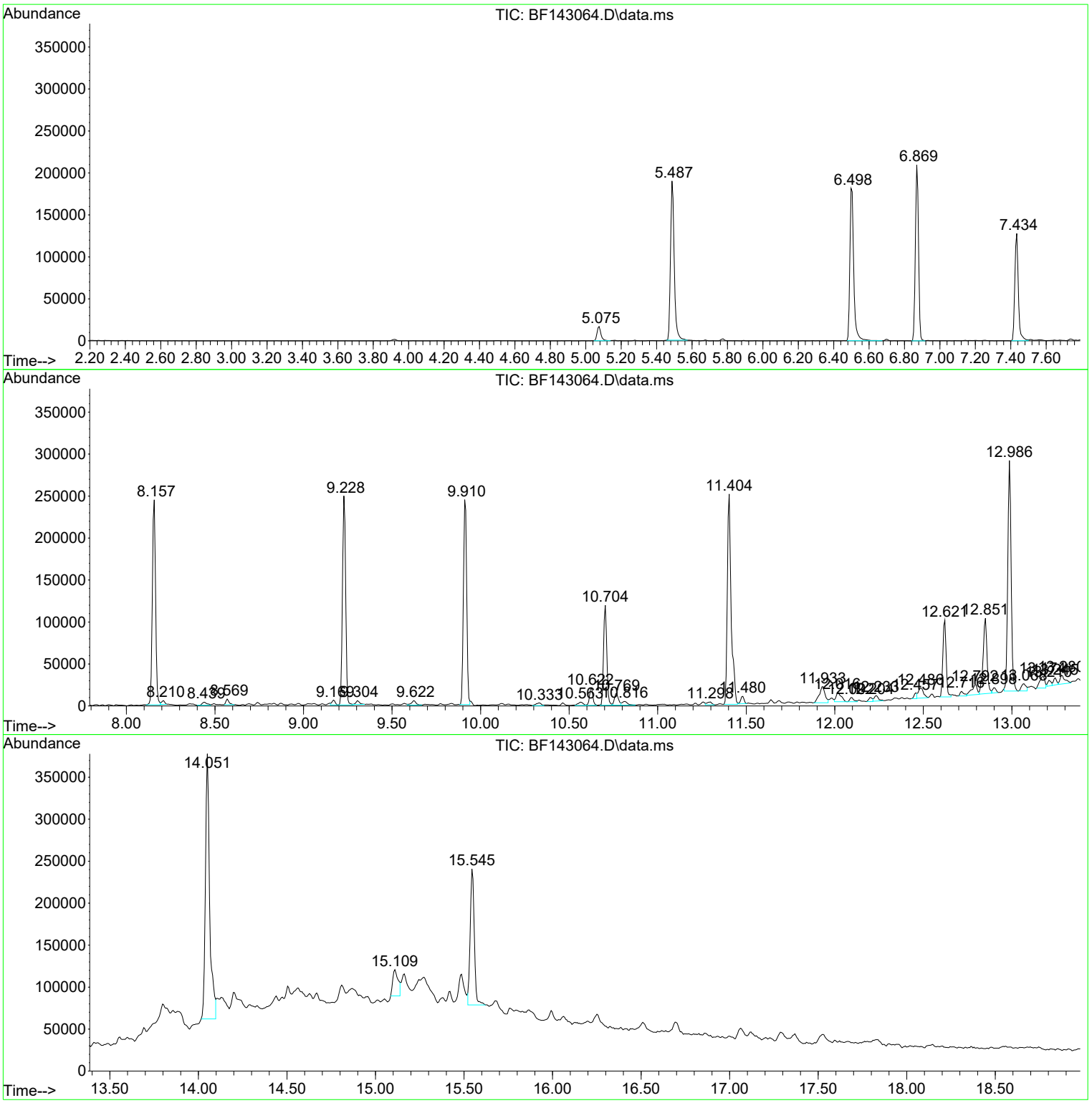
Sample Results: **BF143064.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143064.D
Acq On : 09 Jul 2025 19:02
Operator : RC/JU
Sample : Q2487-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143064.D
Acq On : 09 Jul 2025 19:02
Operator : RC/JU
Sample : Q2487-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

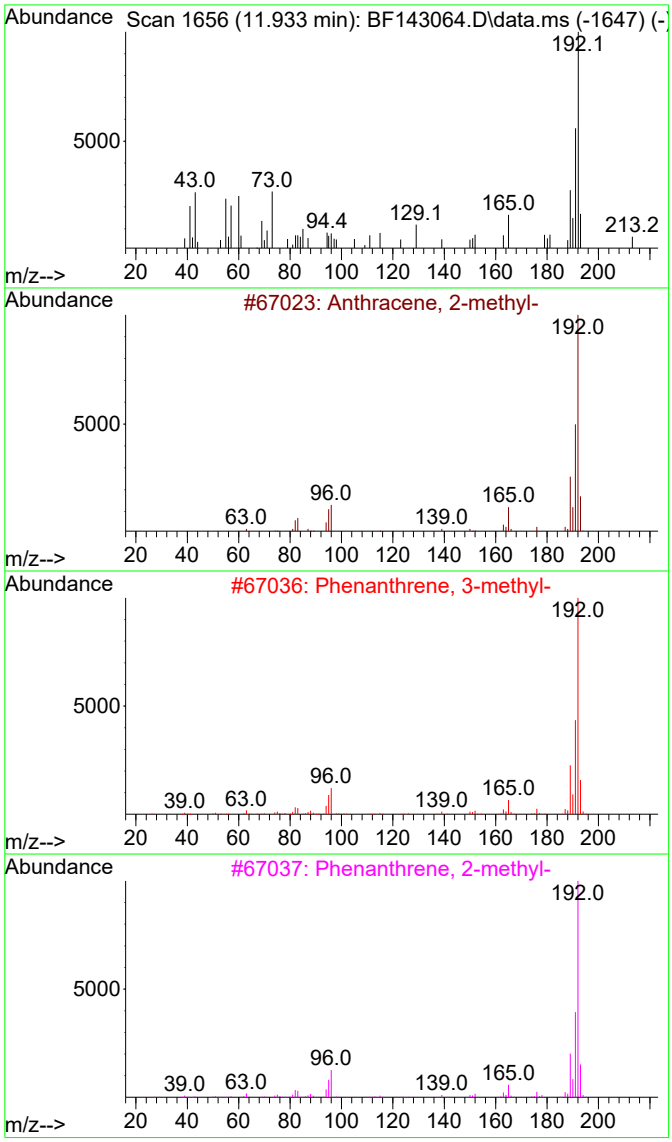
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

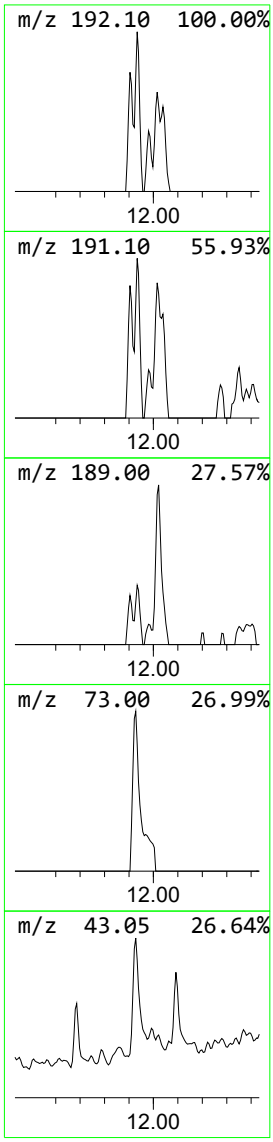
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.34 ng	44041	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64





Sample Results: **BF143064.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143064.D
Acq On : 09 Jul 2025 19:02
Operator : RC/JU
Sample : Q2487-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
Anthracene, 2-m...	11.933	2.3	ng	44041	4	11.404	375801	20.0

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	72.6
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
BF143009.D	1	07/03/25 09:00	07/07/25 15:17	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	210	U	210	450	ug/Kg
108-95-2	Phenol	30.4	U	30.4	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	33.4	U	33.4	230	ug/Kg
95-57-8	2-Chlorophenol	33.5	U	33.5	230	ug/Kg
95-48-7	2-Methylphenol	41.1	U	41.1	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51.5	U	51.5	230	ug/Kg
98-86-2	Acetophenone	40.6	U	40.6	230	ug/Kg
65794-96-9	3+4-Methylphenols	56.5	U	56.5	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65.2	U	65.2	110	ug/Kg
67-72-1	Hexachloroethane	24.2	U	24.2	230	ug/Kg
98-95-3	Nitrobenzene	25.2	U	25.2	230	ug/Kg
78-59-1	Isophorone	45.1	U	45.1	230	ug/Kg
88-75-5	2-Nitrophenol	80.0	U	80.0	230	ug/Kg
105-67-9	2,4-Dimethylphenol	89.1	U	89.1	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	42.3	U	42.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	38.9	U	38.9	230	ug/Kg
91-20-3	Naphthalene	31.2	U	31.2	230	ug/Kg
106-47-8	4-Chloroaniline	48.7	U	48.7	230	ug/Kg
87-68-3	Hexachlorobutadiene	34.8	U	34.8	230	ug/Kg
105-60-2	Caprolactam	71.6	U	71.6	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39.5	U	39.5	230	ug/Kg
91-57-6	2-Methylnaphthalene	35.2	U	35.2	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27.2	U	27.2	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40.0	U	40.0	230	ug/Kg
92-52-4	1,1-Biphenyl	30.0	U	30.0	230	ug/Kg
91-58-7	2-Chloronaphthalene	30.9	U	30.9	230	ug/Kg
88-74-4	2-Nitroaniline	66.1	U	66.1	230	ug/Kg
131-11-3	Dimethylphthalate	37.3	U	37.3	230	ug/Kg

Raw Data: **BF143009.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	72.6
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
BF143009.D	1	07/03/25 09:00	07/07/25 15:17	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	39.7	U	39.7	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	46.2	U	46.2	230	ug/Kg
99-09-2	3-Nitroaniline	63.2	U	63.2	230	ug/Kg
83-32-9	Acenaphthene	29.3	U	29.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	450	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	450	ug/Kg
132-64-9	Dibenzofuran	31.2	U	31.2	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	68.9	U	68.9	230	ug/Kg
84-66-2	Diethylphthalate	38.9	U	38.9	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	36.7	U	36.7	230	ug/Kg
86-73-7	Fluorene	34.8	U	34.8	230	ug/Kg
100-01-6	4-Nitroaniline	88.3	U	88.3	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	45.2	U	45.2	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38.2	U	38.2	230	ug/Kg
118-74-1	Hexachlorobenzene	34.8	U	34.8	230	ug/Kg
1912-24-9	Atrazine	46.7	U	46.7	230	ug/Kg
87-86-5	Pentachlorophenol	70.5	U	70.5	450	ug/Kg
85-01-8	Phenanthrene	28.7	U	28.7	230	ug/Kg
120-12-7	Anthracene	45.8	U	45.8	230	ug/Kg
86-74-8	Carbazole	42.9	U	42.9	230	ug/Kg
84-74-2	Di-n-butylphthalate	65.8	U	65.8	230	ug/Kg
206-44-0	Fluoranthene	220	J	41.2	230	ug/Kg
129-00-0	Pyrene	160	J	49.5	230	ug/Kg
85-68-7	Butylbenzylphthalate	98.2	U	98.2	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50.5	U	50.5	450	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	31.6	230	ug/Kg
218-01-9	Chrysene	120	J	27.4	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	81.4	U	81.4	230	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	26.1	230	ug/Kg

Raw Data: **BF143009.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	72.6
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
BF143009.D	1	07/03/25 09:00	07/07/25 15:17	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	30.8	U	30.8	230	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	40.6	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40.0	U	40.0	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37.7	U	37.7	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35.3	U	35.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35.2	U	35.2	230	ug/Kg
123-91-1	1,4-Dioxane	62.1	U	62.1	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37.7	U	37.7	230	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	80.0		18 - 112	53%	SPK: 150
13127-88-3	Phenol-d6	79.7		15 - 107	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.2		18 - 107	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.4		20 - 109	53%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.8		10 - 116	53%	SPK: 150
1718-51-0	Terphenyl-d14	39.9		10 - 105	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	56600	6.875			
1146-65-2	Naphthalene-d8	205000	8.157			
15067-26-2	Acenaphthene-d10	100000	9.916			
1517-22-2	Phenanthrene-d10	155000	11.404			
1719-03-5	Chrysene-d12	114000	14.051			
1520-96-3	Perylene-d12	133000	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	280	AB		5.09	ug/Kg
000119-61-9	Benzophenone	300	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	240	J		11.9	ug/Kg
006222-07-7	Pentafluoropropionic acid, hexadec	230	J		13.9	ug/Kg
	unknown14.921	160	J		14.9	ug/Kg

Raw Data: **BF143009.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	72.6
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
BF143009.D	1	07/03/25 09:00	07/07/25 15:17	PB168722

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: **BF143009.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143009.D
Acq On : 07 Jul 2025 15:17
Operator : RC/JU
Sample : Q2487-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Quant Time: Jul 07 16:08:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

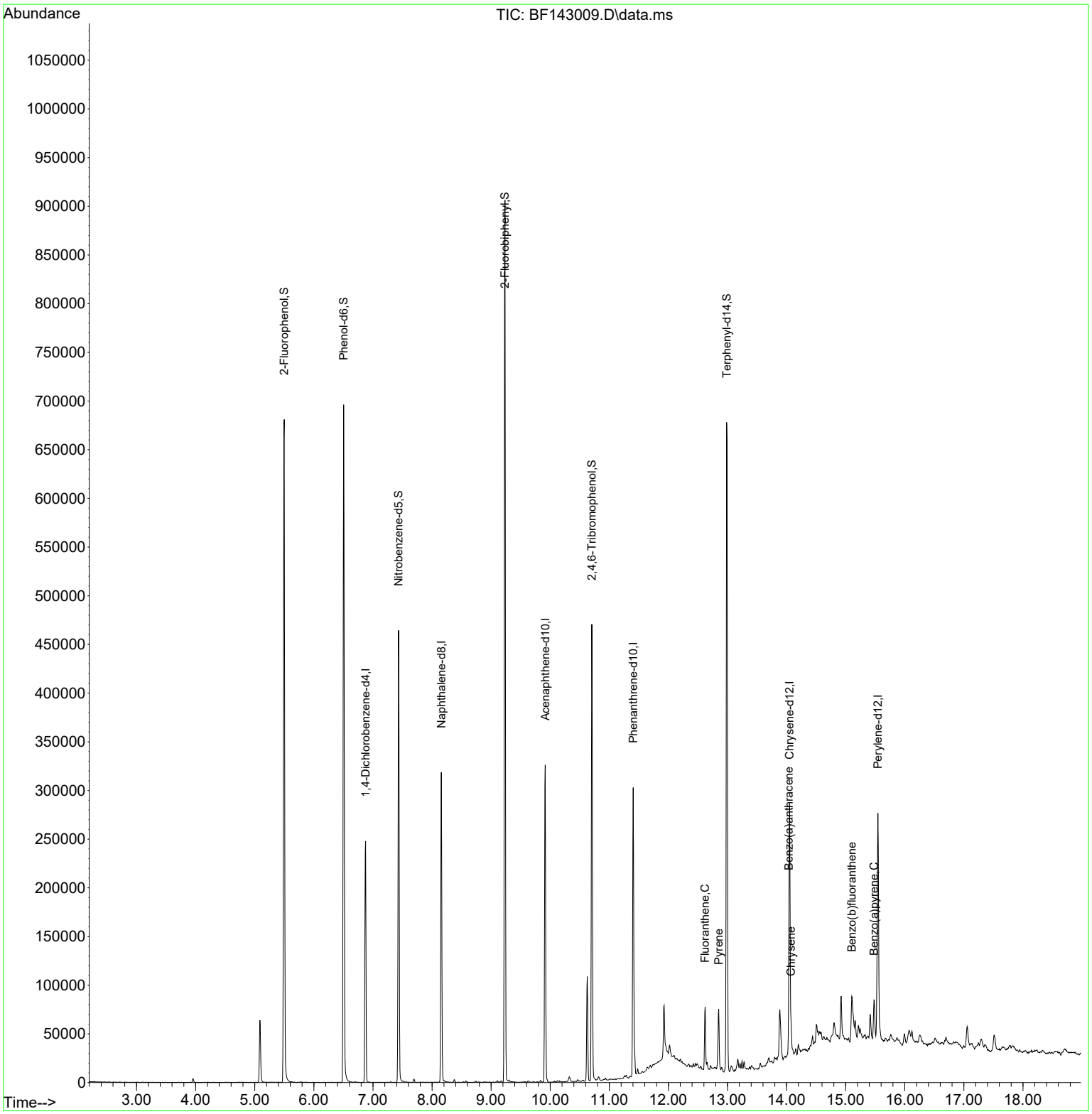
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	56558	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	204687	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	100135	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	154869	20.000	ng	0.00
76) Chrysene-d12	14.051	240	114112	20.000	ng	0.00
86) Perylene-d12	15.545	264	133109	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	271693	79.980	ng	0.00
7) Phenol-d6	6.504	99	319506	79.720	ng	0.00
23) Nitrobenzene-d5	7.433	82	198632	53.228	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	82249	79.818	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	406950	53.388	ng	-0.01
79) Terphenyl-d14	12.986	244	329358	39.880	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.621	202	37767	4.744	ng	97
78) Pyrene	12.851	202	37174	3.475	ng	99
81) Benzo(a)anthracene	14.039	228	21713	2.821	ng	96
83) Chrysene	14.074	228	17745	2.583	ng	98
88) Benzo(b)fluoranthene	15.104	252	28536m	3.705	ng	
90) Benzo(a)pyrene	15.480	252	22145	2.976	ng	96

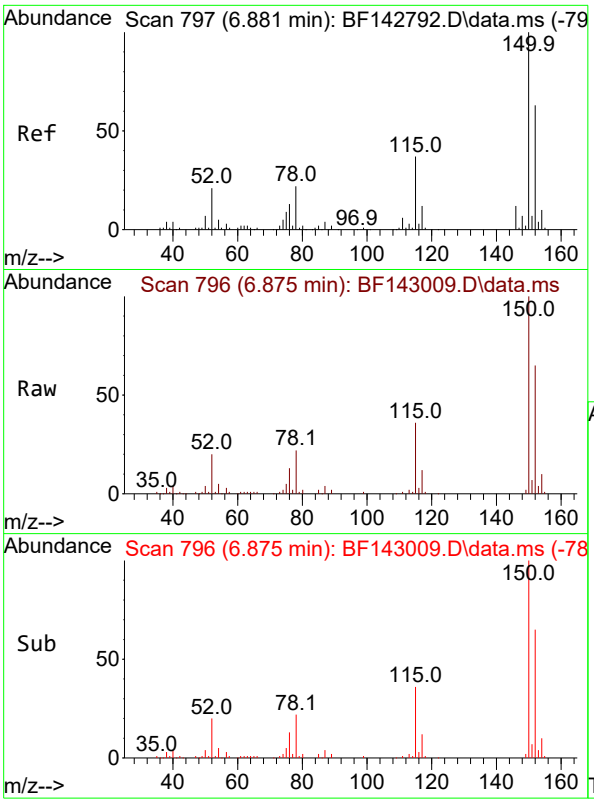
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143009.D
Acq On : 07 Jul 2025 15:17
Operator : RC/JU
Sample : Q2487-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Quant Time: Jul 07 16:08:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



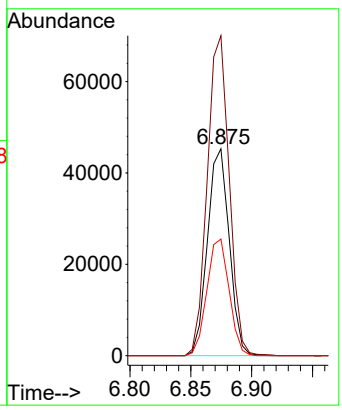


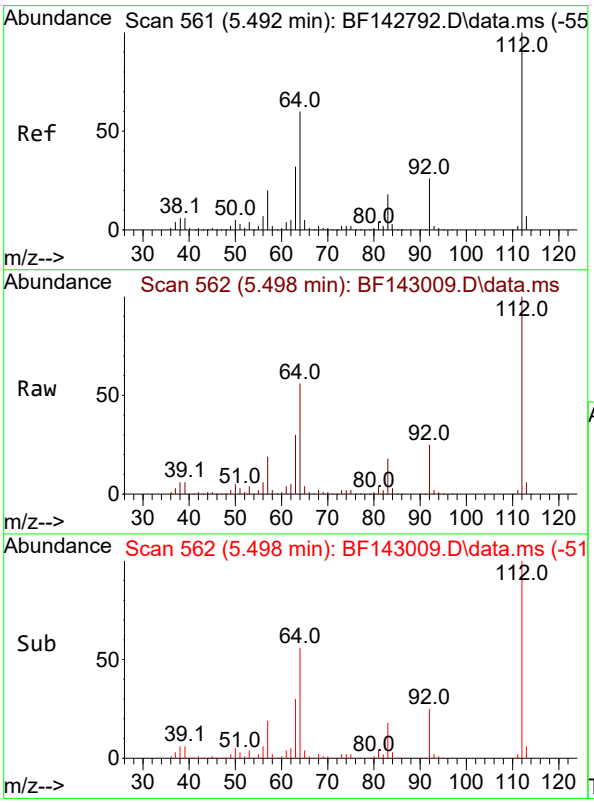
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Tgt Ion:152 Resp: 56558

Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.2	190.8
115	56.4	46.6	69.8

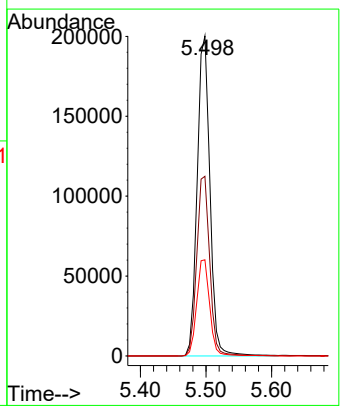


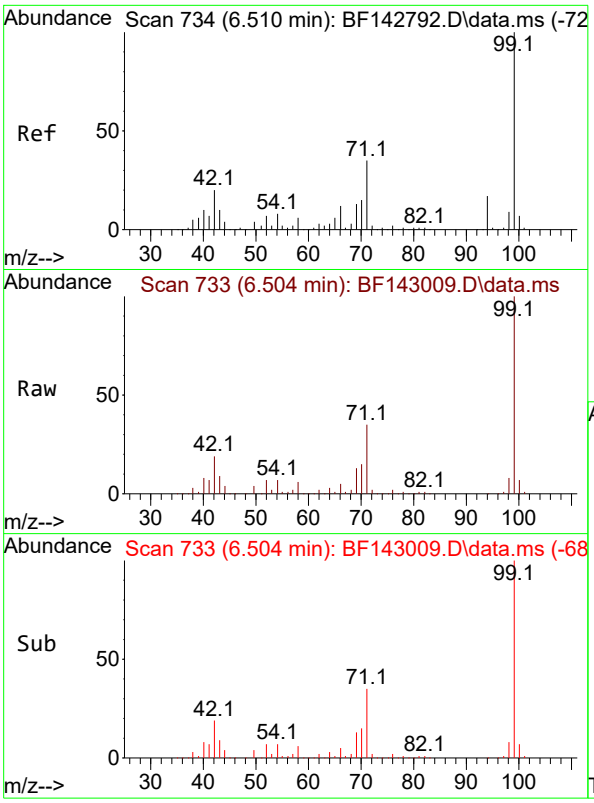


#5
2-Fluorophenol
Concen: 79.980 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Tgt Ion:112 Resp: 271693

Ion	Ratio	Lower	Upper
112	100		
64	56.2	48.2	72.2
63	30.0	25.7	38.5



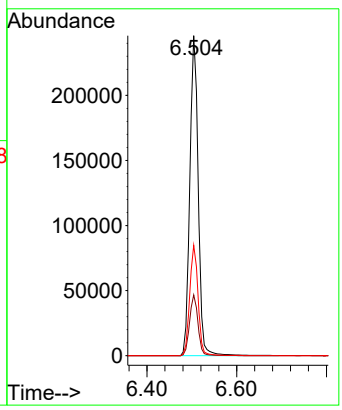


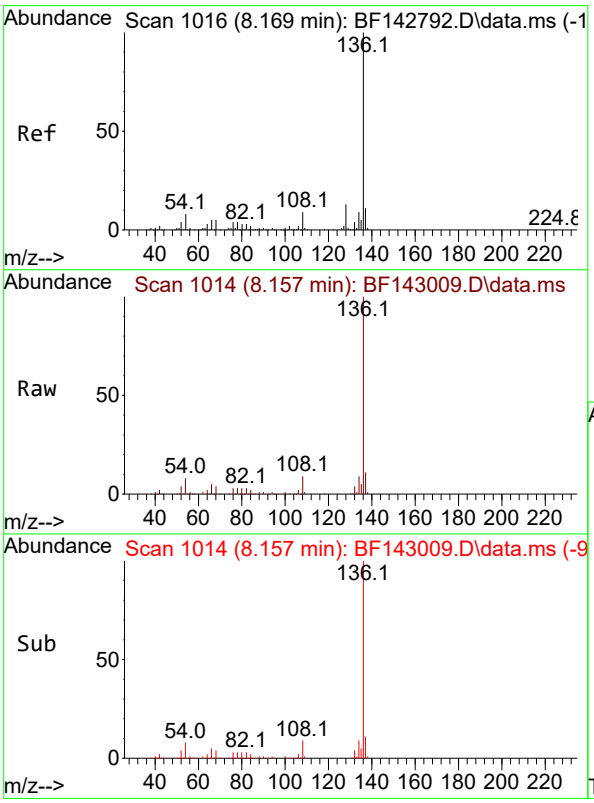
#7
Phenol-d6
Concen: 79.720 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Tgt Ion: 99 Resp: 319506

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.9	23.9
71	34.5	27.8	41.8

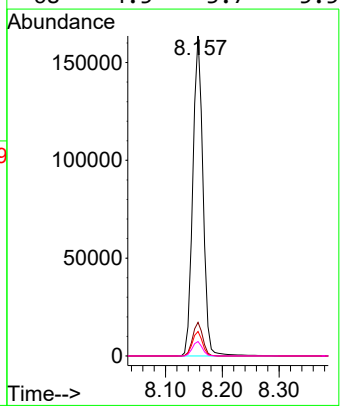


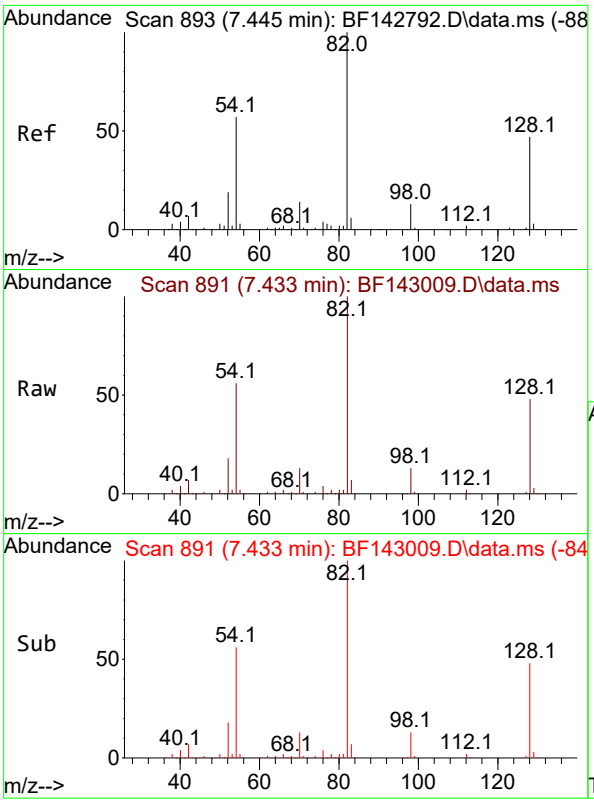


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Tgt Ion:136 Resp: 204687

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.6	6.3	9.5
68	4.5	3.7	5.5



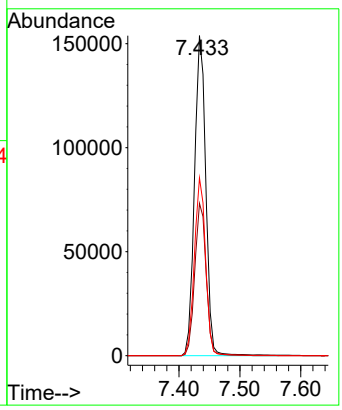


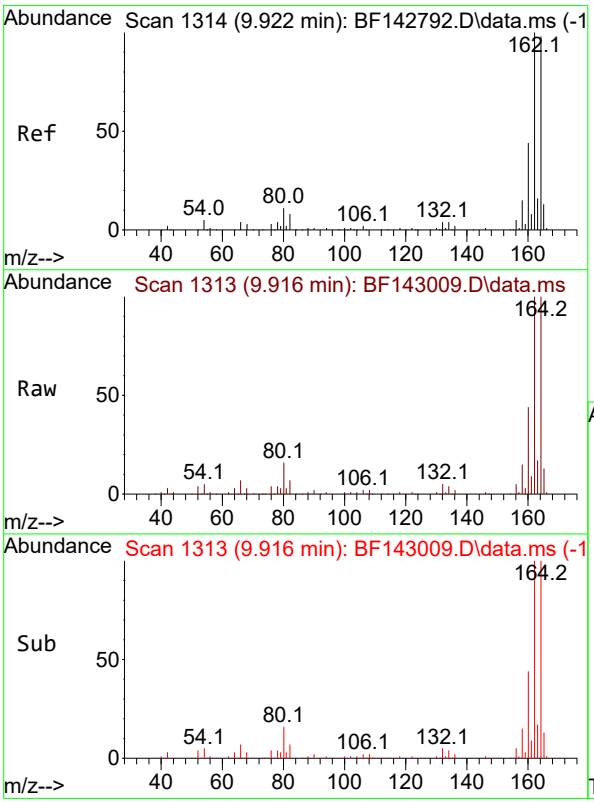
#23
Nitrobenzene-d5
Concen: 53.228 ng
RT: 7.433 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Tgt Ion: 82 Resp: 198632

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.7	56.5
54	55.5	45.7	68.5

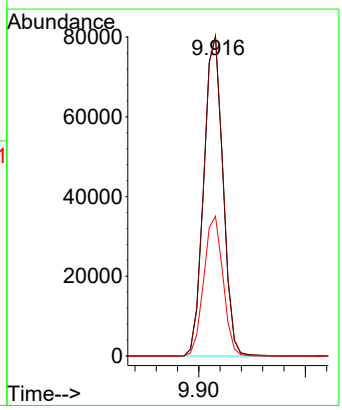


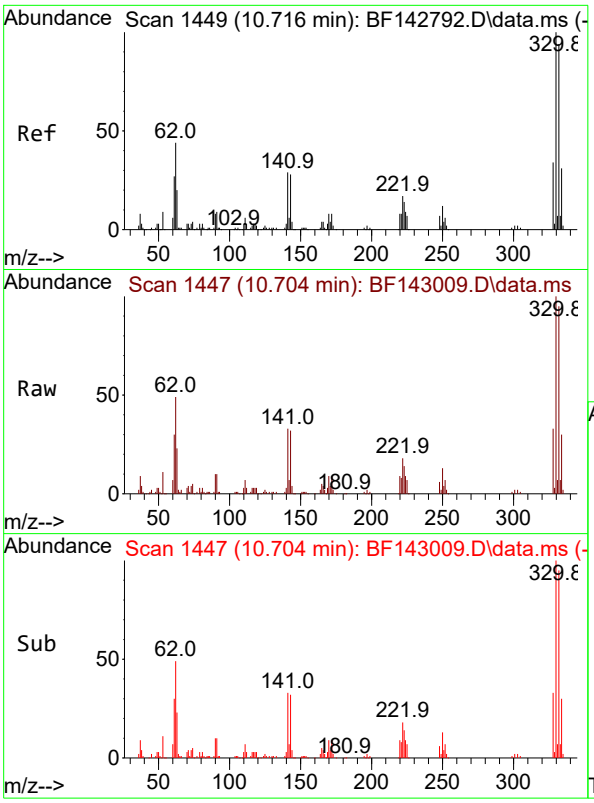


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Tgt Ion:164 Resp: 100135

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.8	122.8
160	43.7	36.0	54.0



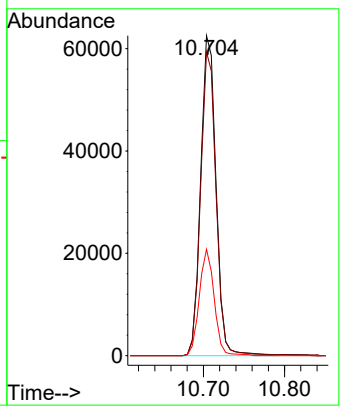


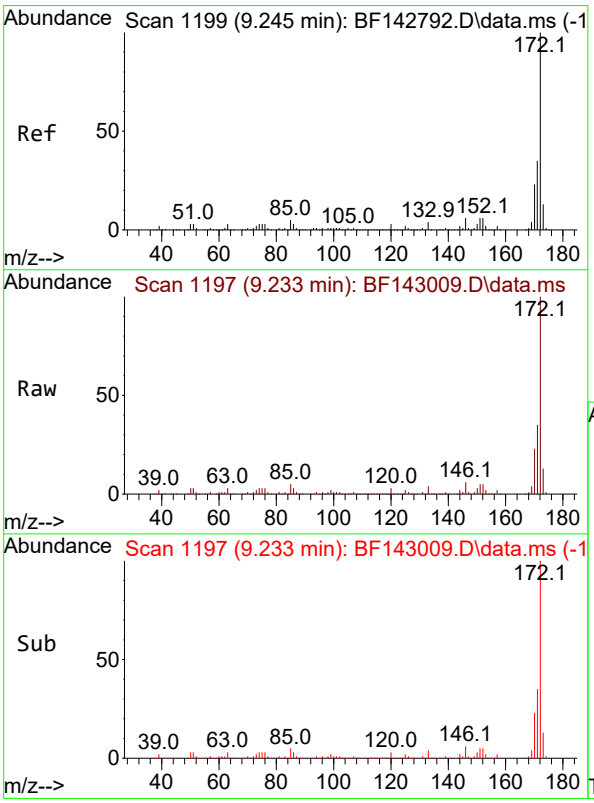
#42
2,4,6-Tribromophenol
Concen: 79.818 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Tgt Ion:330 Resp: 82249

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.0	112.6
141	32.2	25.3	37.9

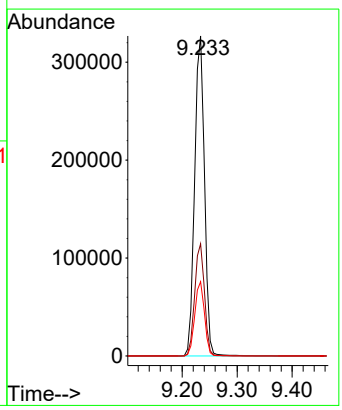


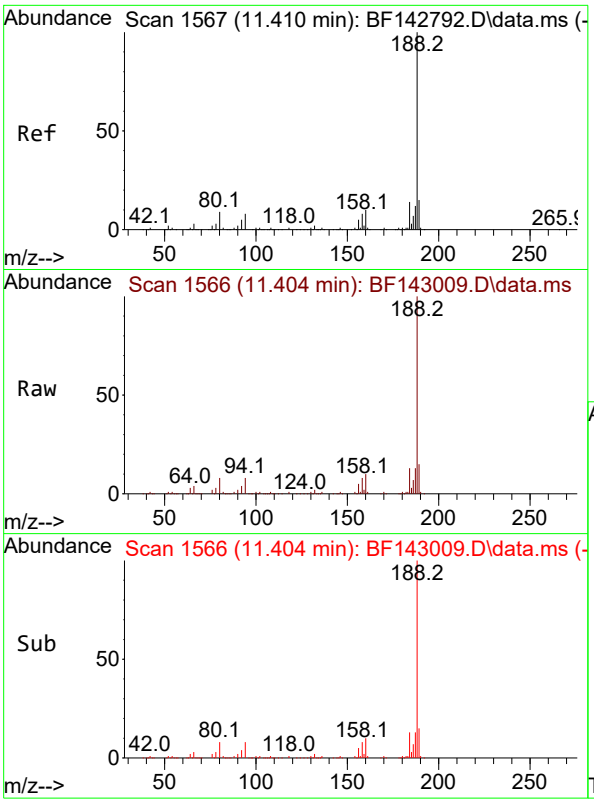


#45
2-Fluorobiphenyl
Concen: 53.388 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Tgt Ion:172 Resp: 406950

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.2	18.5	27.7



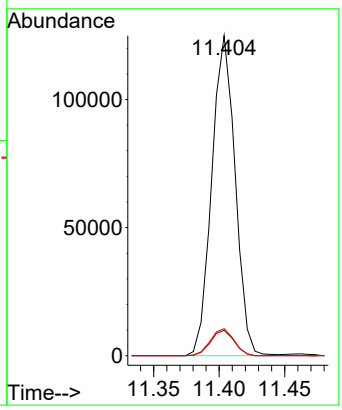


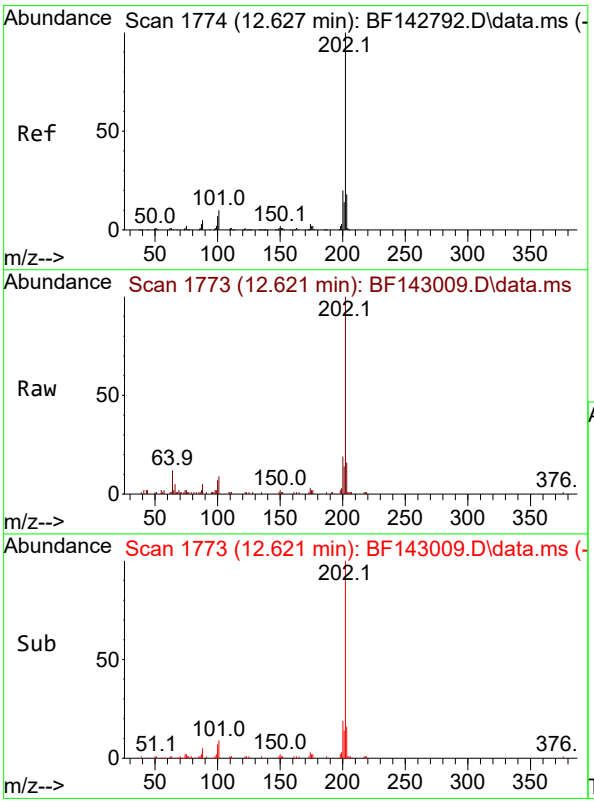
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Tgt Ion:188 Resp: 154869

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.4	6.9	10.3

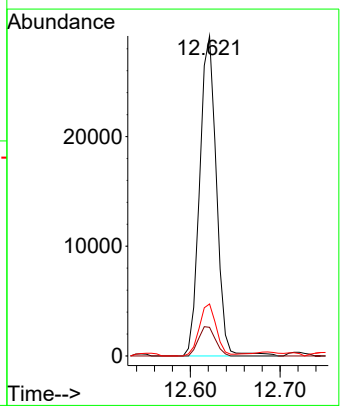


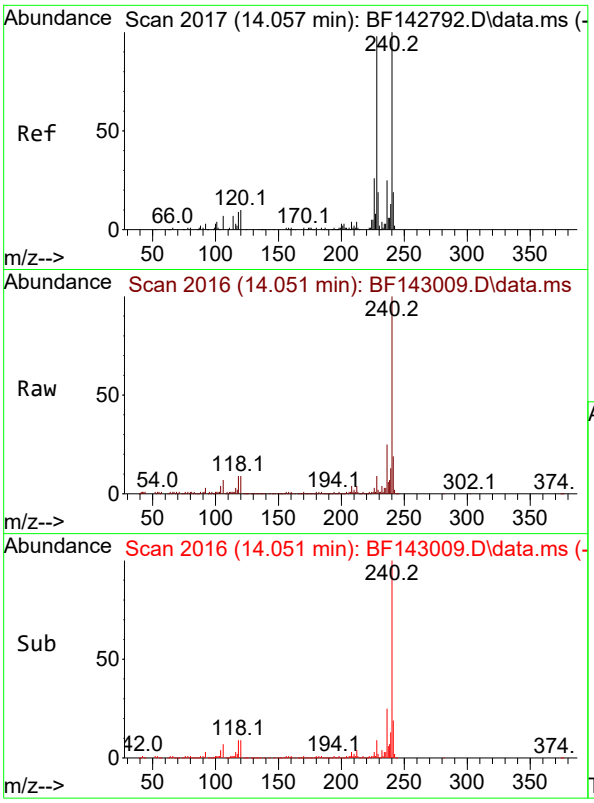


#75
Fluoranthene
Concen: 4.744 ng
RT: 12.621 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Tgt Ion:202 Resp: 37767

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.7
203	16.2	0.0	37.5



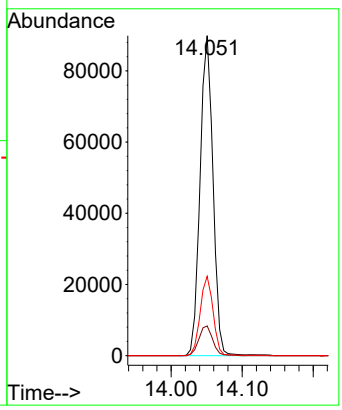


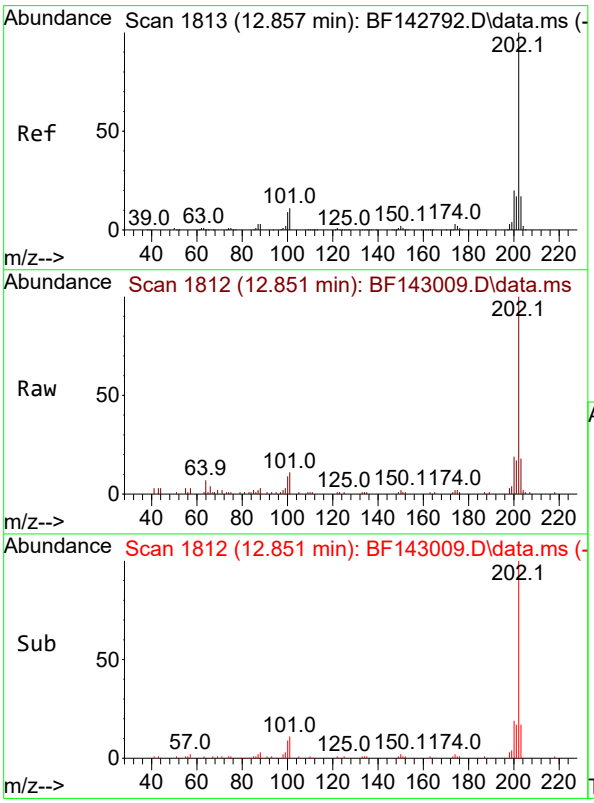
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Tgt Ion:240 Resp: 114112

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	24.8	19.8	29.8

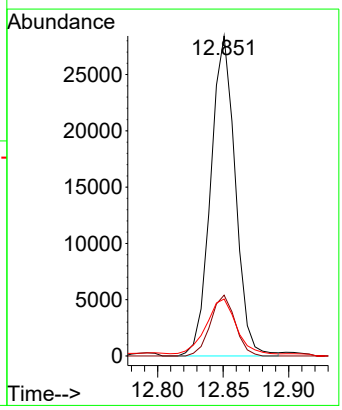


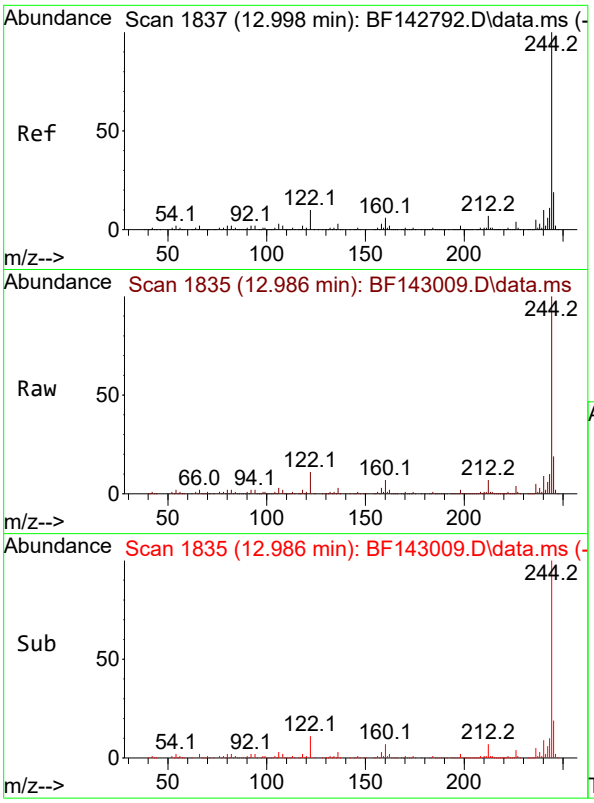


#78
Pyrene
Concen: 3.475 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Tgt Ion:202 Resp: 37174

Ion	Ratio	Lower	Upper
202	100		
200	19.0	15.7	23.5
203	17.8	13.8	20.6



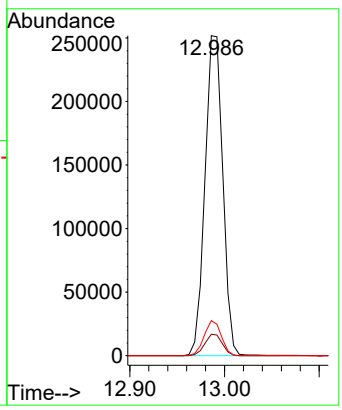


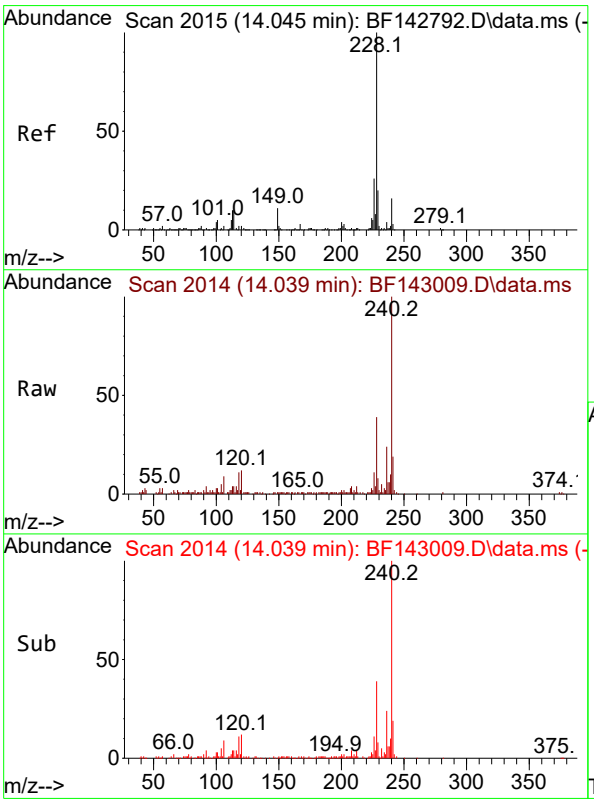
#79
Terphenyl-d14
Concen: 39.880 ng
RT: 12.986 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Tgt Ion:244 Resp: 329358

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.0	8.2	12.2

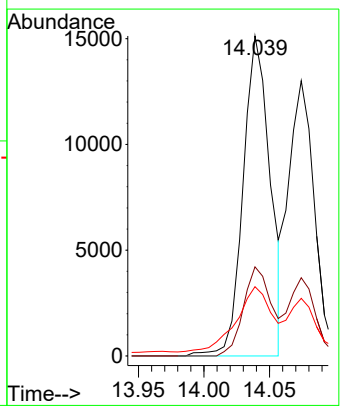


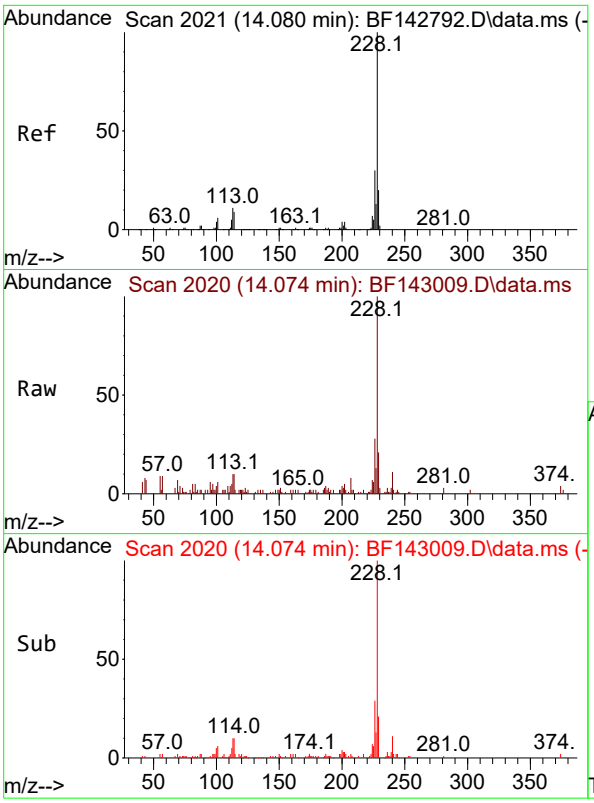


#81
Benzo(a)anthracene
Concen: 2.821 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Tgt Ion:228 Resp: 21713

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.2	31.8
229	21.7	15.6	23.4



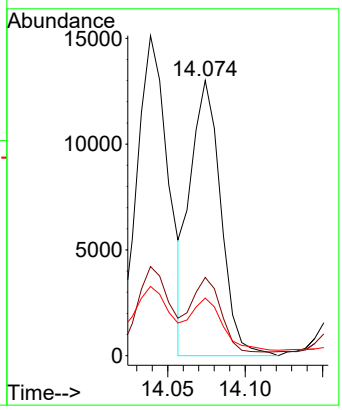


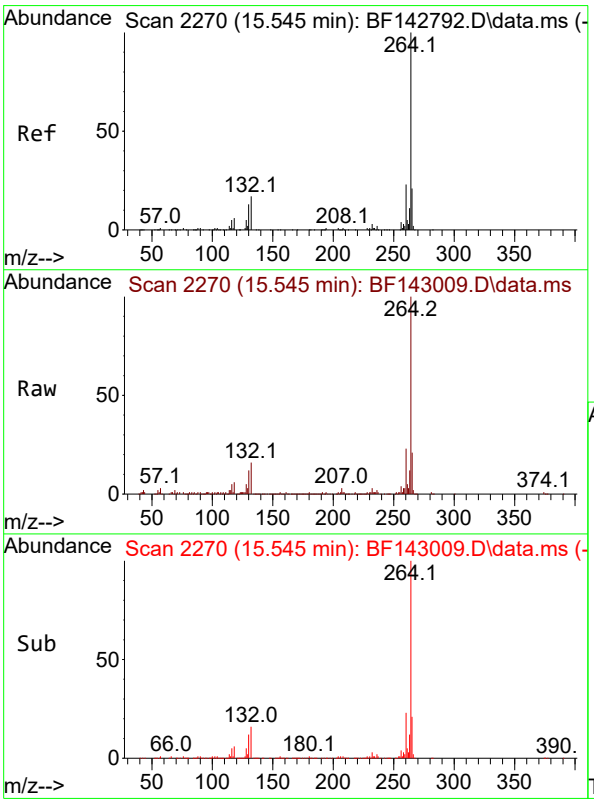
#83
Chrysene
Concen: 2.583 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Tgt Ion:228 Resp: 17745

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.7	35.5
229	20.9	15.7	23.5

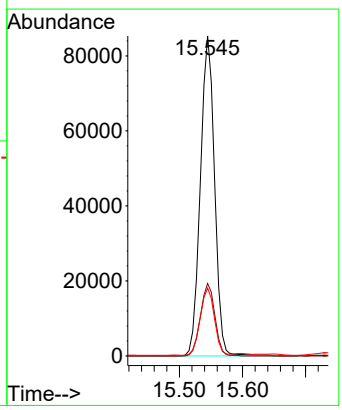


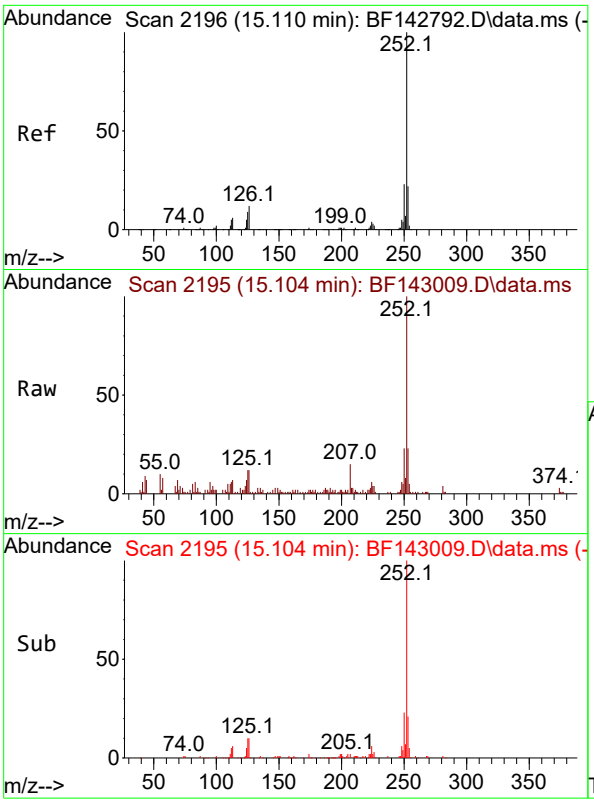


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Tgt Ion:264 Resp: 133109

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.1	27.1
265	21.2	16.6	25.0



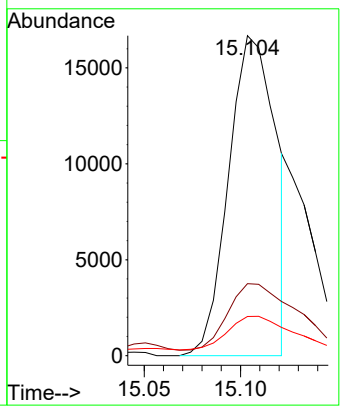


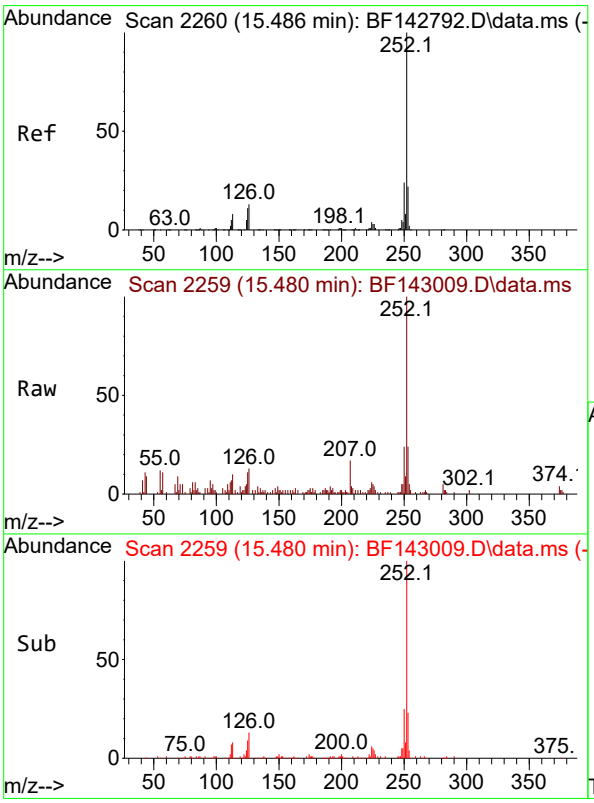
#88
Benzo(b)fluoranthene
Concen: 3.705 ng m
RT: 15.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Tgt Ion:252 Resp: 28536

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.3	7.4	11.0#

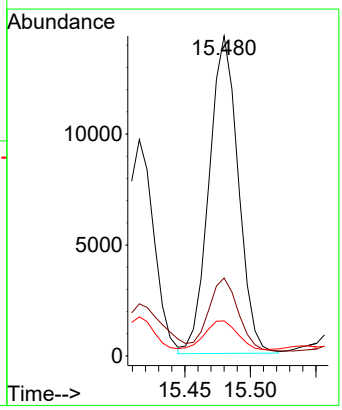




#90
Benzo(a)pyrene
Concen: 2.976 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143009.D
Acq: 07 Jul 2025 15:17

Tgt Ion:252 Resp: 22145

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	11.0	8.6	12.8



Sample Results: **BF143009.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143009.D
Acq On : 07 Jul 2025 15:17
Operator : RC/JU
Sample : Q2487-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143009.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	485	492	501	rBV	64039	95314	8.49%	1.138%
2	5.498	556	562	581	rBV	680674	928799	82.70%	11.092%
3	6.504	728	733	753	rBV	695979	905551	80.63%	10.815%
4	6.875	791	796	803	rBV	247810	311415	27.73%	3.719%
5	7.433	886	891	900	rBV	464177	594283	52.92%	7.097%
6	8.157	1009	1014	1021	rBV	317906	391806	34.89%	4.679%
7	9.233	1191	1197	1202	rBV	906003	1123050	100.00%	13.412%
8	9.916	1308	1313	1318	rBV	325384	406768	36.22%	4.858%
9	10.627	1426	1434	1442	rBV	107540	135118	12.03%	1.614%
10	10.704	1442	1447	1459	rBV	468891	597187	53.18%	7.132%
11	11.404	1561	1566	1574	rBV	296853	400034	35.62%	4.777%
12	11.927	1650	1655	1667	rBV3	53193	106046	9.44%	1.266%
13	12.621	1768	1773	1777	rBV	64496	85813	7.64%	1.025%
14	12.851	1806	1812	1818	rVB	62543	90438	8.05%	1.080%
15	12.986	1830	1835	1843	rVB	666899	873744	77.80%	10.435%
16	13.063	1844	1848	1856	rVB4	5765	12089	1.08%	0.144%
17	13.174	1861	1867	1871	rBV	11362	21194	1.89%	0.253%
18	13.886	1983	1988	1997	rVB2	51517	99570	8.87%	1.189%
19	14.051	2010	2016	2028	rVB2	257584	404857	36.05%	4.835%
20	14.198	2038	2041	2047	rBV5	10166	19388	1.73%	0.232%
21	14.504	2090	2093	2096	rBV	18349	27248	2.43%	0.325%
22	14.921	2160	2164	2174	rVB3	44396	66843	5.95%	0.798%
23	15.104	2190	2195	2202	rBV	46735	113787	10.13%	1.359%
24	15.415	2244	2248	2254	rVB	24802	37897	3.37%	0.453%
25	15.480	2255	2259	2264	rVV	40357	64349	5.73%	0.769%
26	15.545	2264	2270	2281	rVB	232221	386101	34.38%	4.611%
27	17.056	2522	2527	2534	rBV2	20468	42258	3.76%	0.505%
28	17.509	2601	2604	2615	rVB	14770	32357	2.88%	0.386%

Sum of corrected areas: 8373304

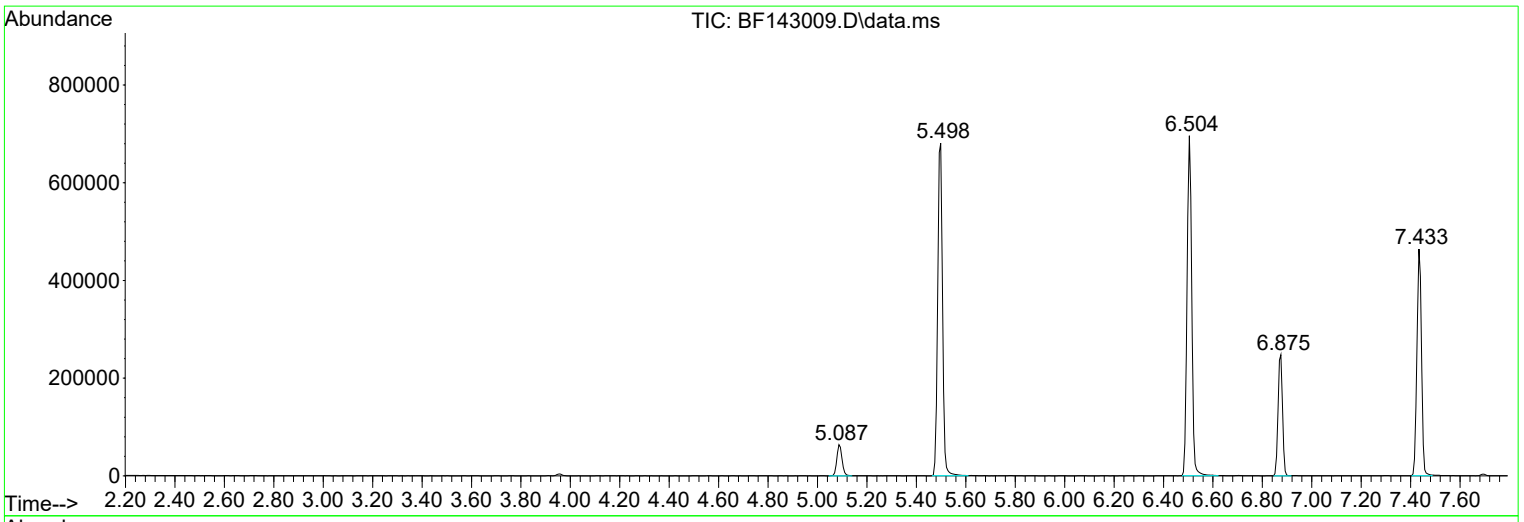
Sample Results: **BF143009.D**

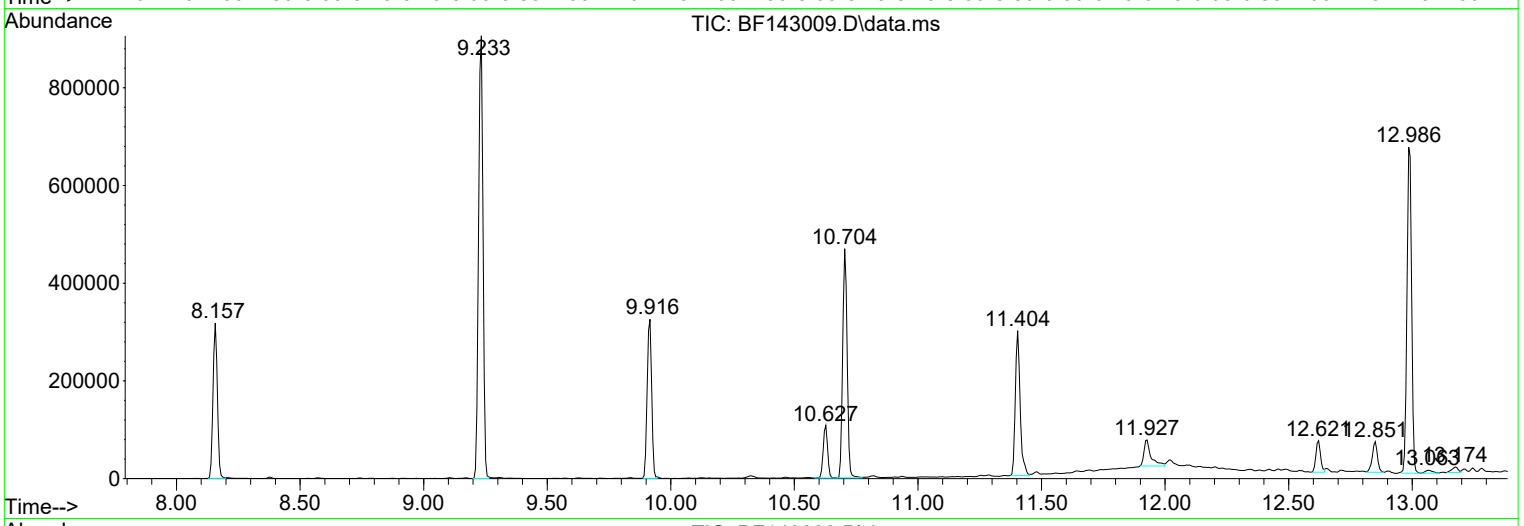
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143009.D
Acq On : 07 Jul 2025 15:17
Operator : RC/JU
Sample : Q2487-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

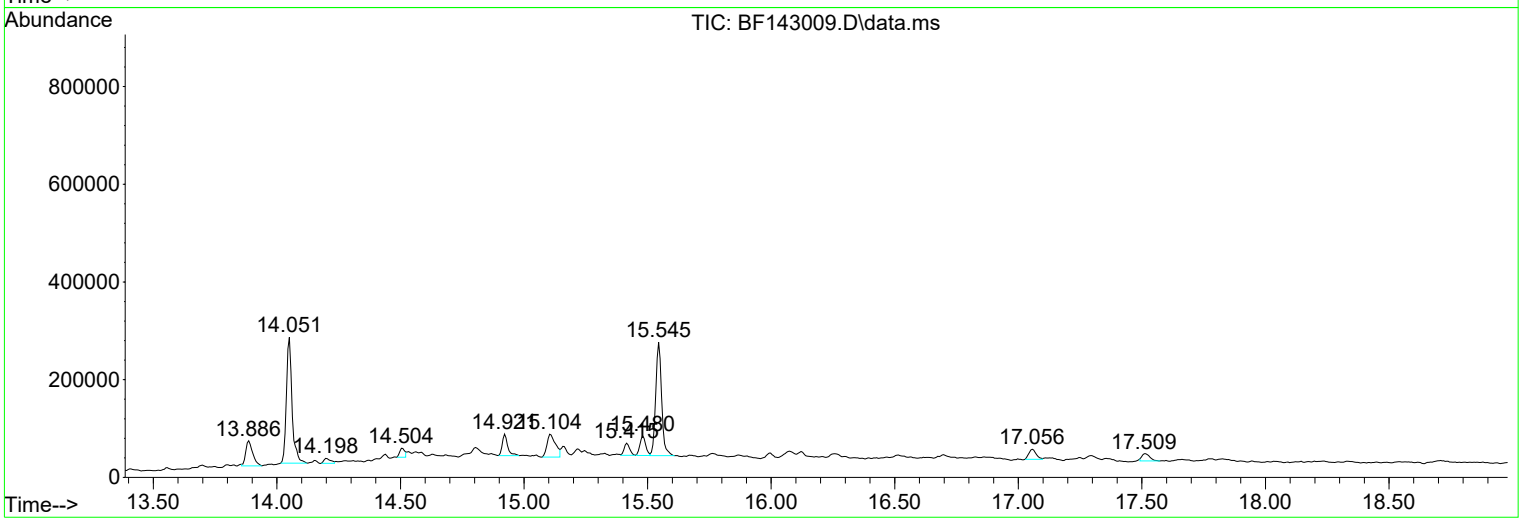
Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143009.D
Acq On : 07 Jul 2025 15:17
Operator : RC/JU
Sample : Q2487-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

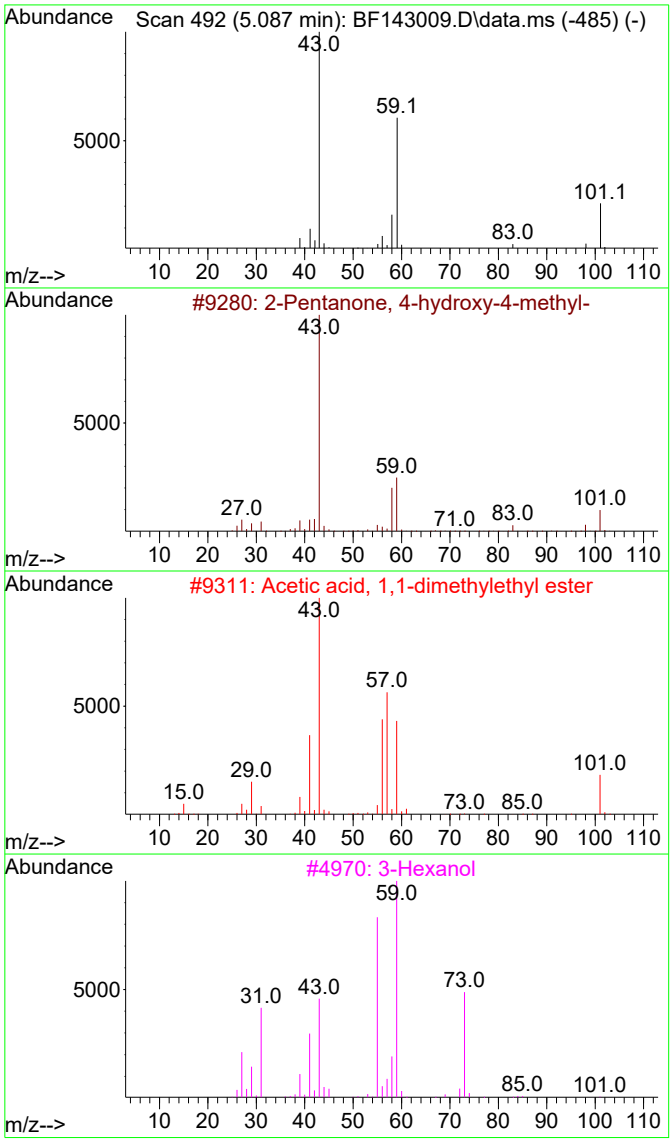
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

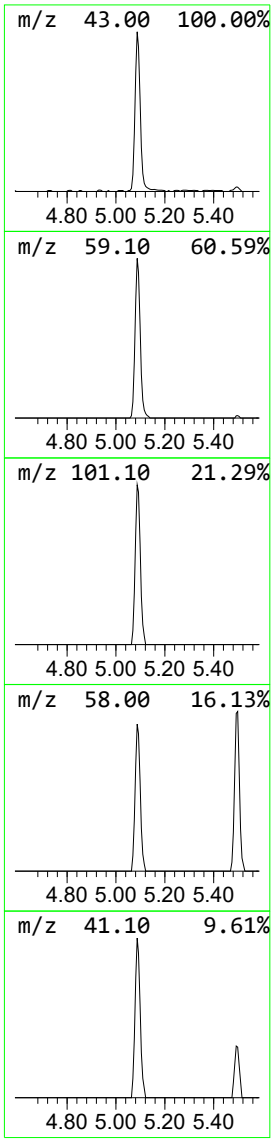
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	6.12 ng	95314	1,4-Dichlorobenzene-d4	6.875

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	28
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_F\Data\BF070725\
Data File : BF143009.D
Acq On : 07 Jul 2025 15:17
Operator : RC/JU
Sample : Q2487-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

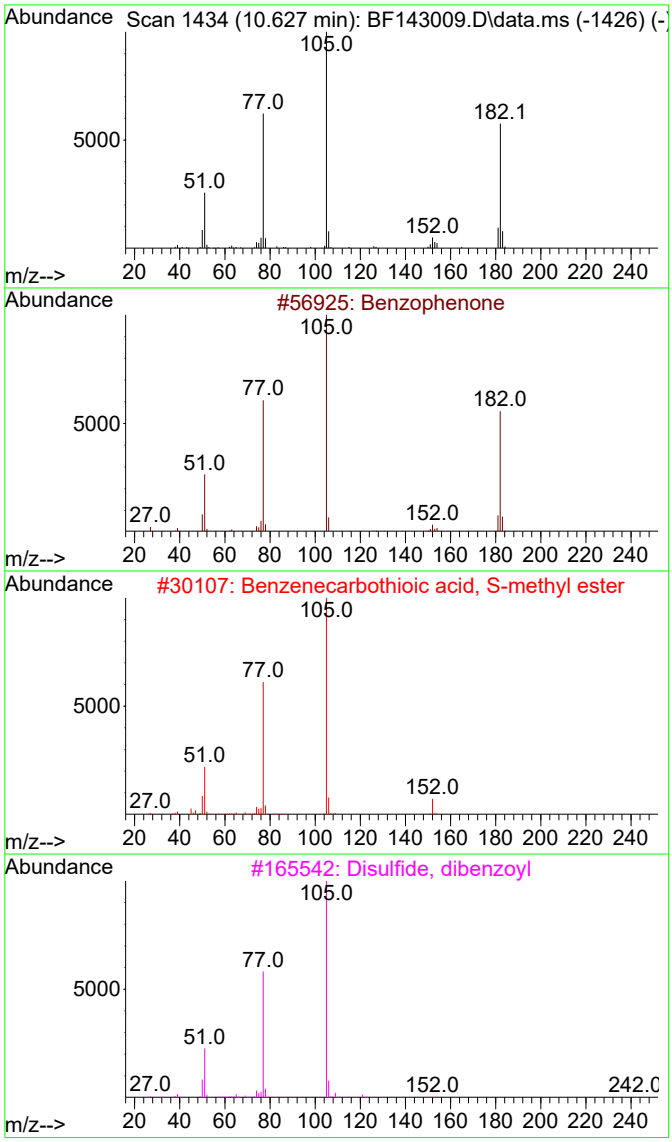
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

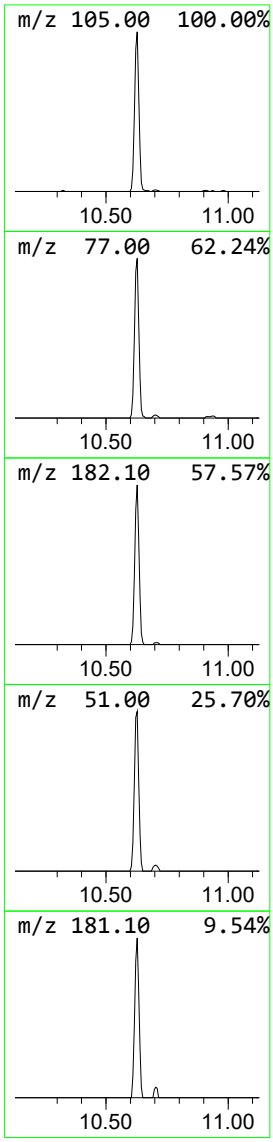
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	6.64 ng	135118	Acenaphthene-d10	9.916

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	60
3	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143009.D
Acq On : 07 Jul 2025 15:17
Operator : RC/JU
Sample : Q2487-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

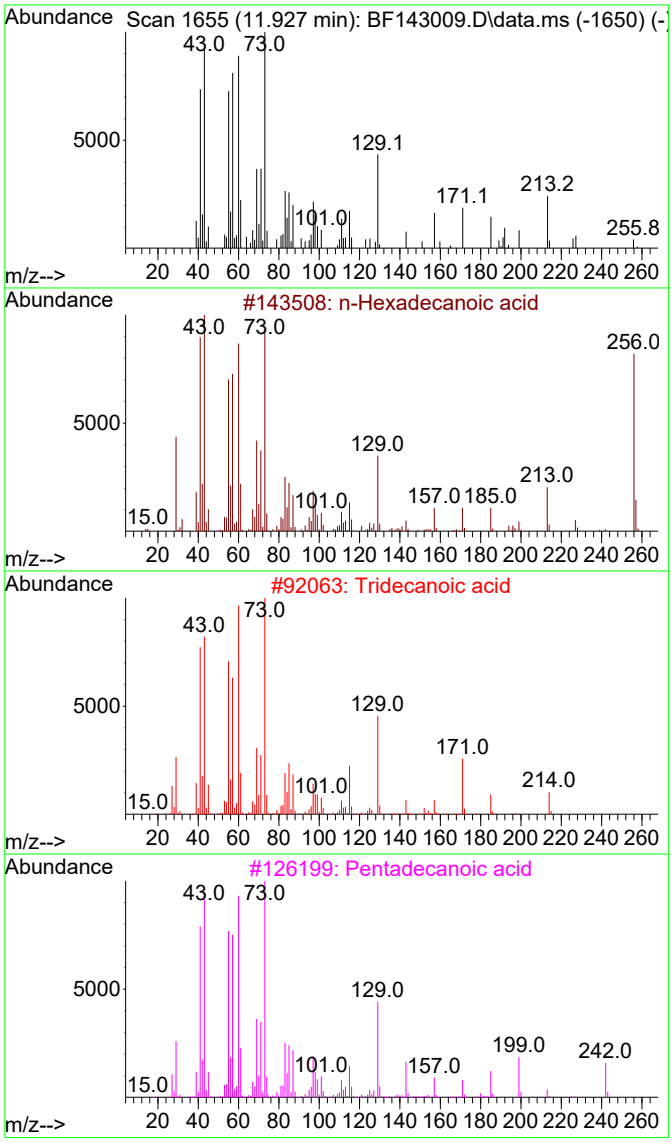
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

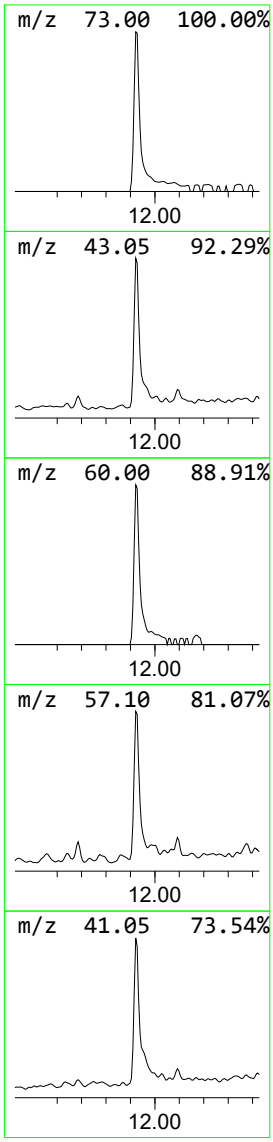
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	5.30 ng	106046	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143009.D
Acq On : 07 Jul 2025 15:17
Operator : RC/JU
Sample : Q2487-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

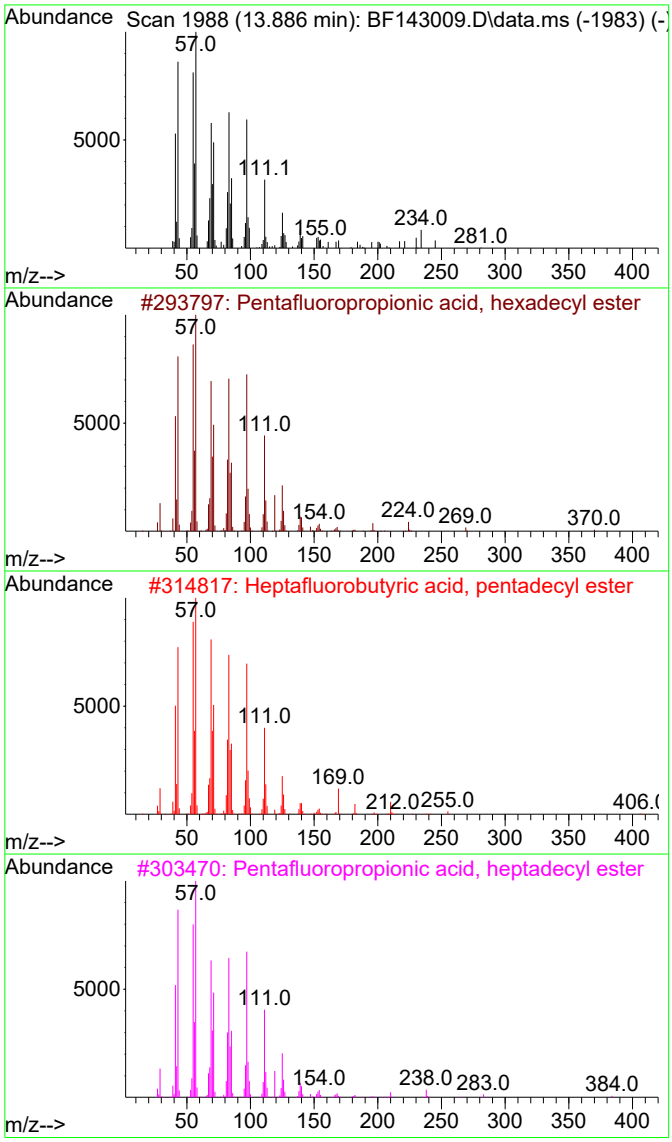
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

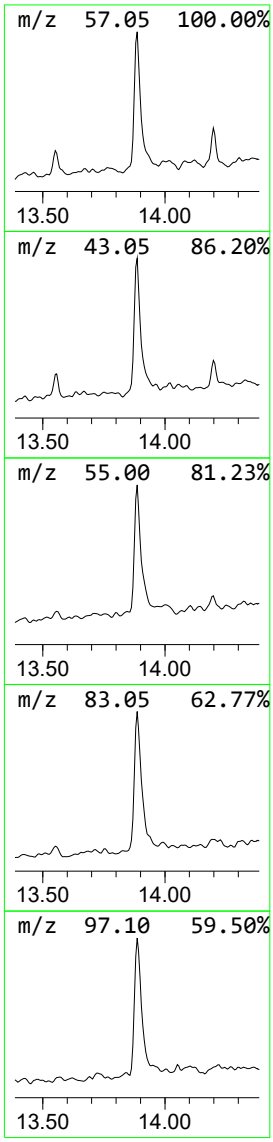
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	4.92 ng	99570	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143009.D
Acq On : 07 Jul 2025 15:17
Operator : RC/JU
Sample : Q2487-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

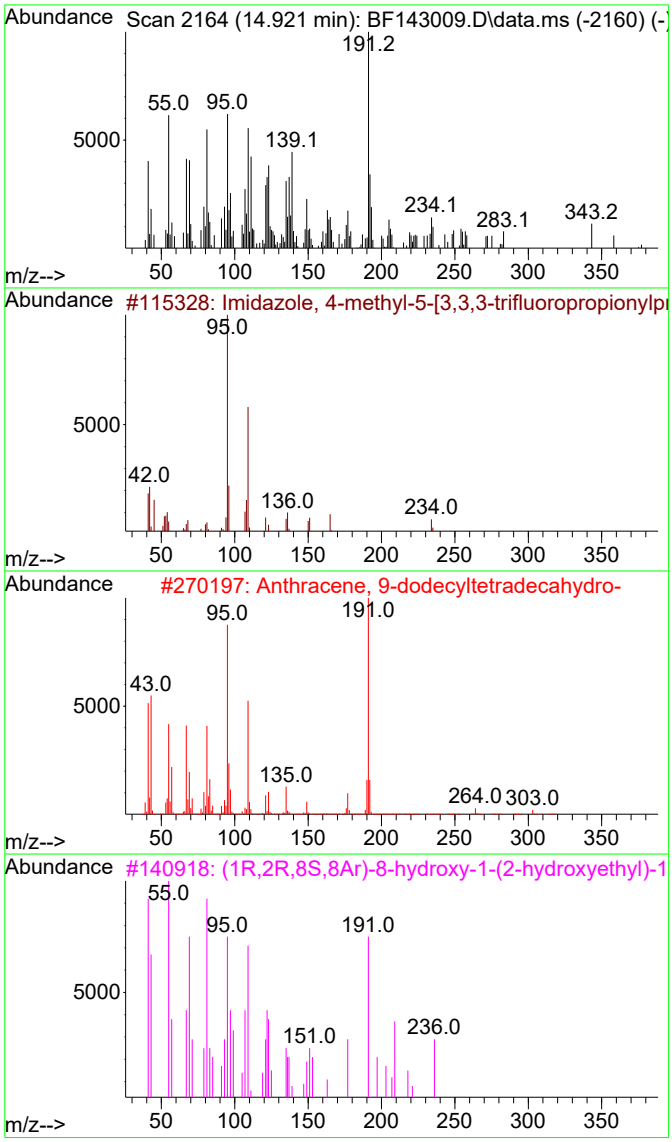
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

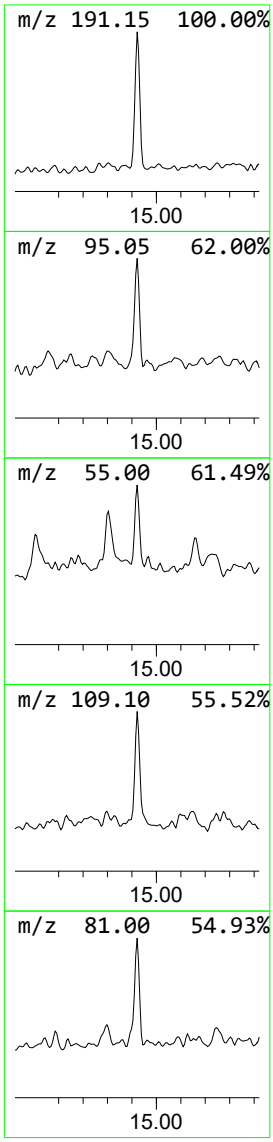
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Peak Number 5 unknown14.921 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	3.46 ng	66843	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	43
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
3	(1R,2R,8S,8Ar)-8-hydroxy-1-(2-hy...	254	C16H30O2	1000298-98-6	27
4	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	22
5	2-Allyl-1,4-dimethoxy-3-vinyloxy...	234	C14H18O3	1000188-16-6	18





Sample Results: **BF143009.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143009.D
Acq On : 07 Jul 2025 15:17
Operator : RC/JU
Sample : Q2487-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G4(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.087	6.1	ng	95314	1	6.875	311415	20.0
Benzophenone	10.627	6.6	ng	135118	3	9.916	406768	20.0
n-Hexadecanoic ...	11.927	5.3	ng	106046	4	11.404	400034	20.0
Pentafluoroprop...	13.886	4.9	ng	99570	5	14.051	404857	20.0
unknown14.921	14.921	3.5	ng	66843	6	15.545	386101	20.0

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.2
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
BF143068.D	5	07/03/25 09:00	07/09/25 21:04	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	850	U	850	1800	ug/Kg
108-95-2	Phenol	120	U	120	930	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	930	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	930	ug/Kg
95-48-7	2-Methylphenol	160	U	160	930	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210	U	210	930	ug/Kg
98-86-2	Acetophenone	160	U	160	930	ug/Kg
65794-96-9	3+4-Methylphenols	230	U	230	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	440	ug/Kg
67-72-1	Hexachloroethane	96.5	U	96.5	930	ug/Kg
98-95-3	Nitrobenzene	100	U	100	930	ug/Kg
78-59-1	Isophorone	180	U	180	930	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	930	ug/Kg
105-67-9	2,4-Dimethylphenol	360	U	360	930	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	930	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	930	ug/Kg
91-20-3	Naphthalene	120	U	120	930	ug/Kg
106-47-8	4-Chloroaniline	190	U	190	930	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	930	ug/Kg
105-60-2	Caprolactam	290	U	290	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	930	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	930	ug/Kg
77-47-4	Hexachlorocyclopentadiene	640	U	640	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	930	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	930	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	930	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	930	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	930	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	930	ug/Kg

Raw Data: **BF143068.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.2
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
BF143068.D	5	07/03/25 09:00	07/09/25 21:04	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	160	U	160	930	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	930	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	930	ug/Kg
83-32-9	Acenaphthene	120	U	120	930	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1800	ug/Kg
100-02-7	4-Nitrophenol	590	U	590	1800	ug/Kg
132-64-9	Dibenzofuran	120	U	120	930	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	930	ug/Kg
84-66-2	Diethylphthalate	160	U	160	930	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	930	ug/Kg
86-73-7	Fluorene	140	U	140	930	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	930	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	560	U	560	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	930	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	930	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	930	ug/Kg
1912-24-9	Atrazine	190	U	190	930	ug/Kg
87-86-5	Pentachlorophenol	280	U	280	1800	ug/Kg
85-01-8	Phenanthrene	1900		110	930	ug/Kg
120-12-7	Anthracene	500	J	180	930	ug/Kg
86-74-8	Carbazole	170	U	170	930	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	930	ug/Kg
206-44-0	Fluoranthene	3700		160	930	ug/Kg
129-00-0	Pyrene	1900		200	930	ug/Kg
85-68-7	Butylbenzylphthalate	390	U	390	930	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	1800	ug/Kg
56-55-3	Benzo(a)anthracene	1400		130	930	ug/Kg
218-01-9	Chrysene	1100		110	930	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	930	ug/Kg
117-84-0	Di-n-octyl phthalate	480	U	480	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		100	930	ug/Kg

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Report of Analysis

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Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
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Lab Sample ID:	Q2487-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.2
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
BF143068.D	5	07/03/25 09:00	07/09/25 21:04	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	810	J	120	930	ug/Kg
50-32-8	Benzo(a)pyrene	1300		160	930	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	610	J	160	930	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	930	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770	J	140	930	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	930	ug/Kg
123-91-1	1,4-Dioxane	250	U	250	930	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	930	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	77.4		18 - 112	52%	SPK: 150
13127-88-3	Phenol-d6	77.1		15 - 107	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.2		18 - 107	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.3		20 - 109	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	67.2		10 - 116	45%	SPK: 150
1718-51-0	Terphenyl-d14	39.3		10 - 105	39%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	43500	6.869			
1146-65-2	Naphthalene-d8	149000	8.157			
15067-26-2	Acenaphthene-d10	64400	9.916			
1517-22-2	Phenanthrene-d10	109000	11.404			
1719-03-5	Chrysene-d12	113000	14.051			
1520-96-3	Perylene-d12	74300	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
002531-84-2	Phenanthrene, 2-methyl-	380	J		11.9	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	540	J		12.0	ug/Kg
000192-97-2	Benzo[e]pyrene	710	J		15.4	ug/Kg

Raw Data: **BF143068.D**

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
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Lab Sample ID:	Q2487-11	Matrix:	SOIL
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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
BF143068.D	5	07/03/25 09:00	07/09/25 21:04	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143068.D
Acq On : 09 Jul 2025 21:04
Operator : RC/JU
Sample : Q2487-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Quant Time: Jul 10 00:58:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

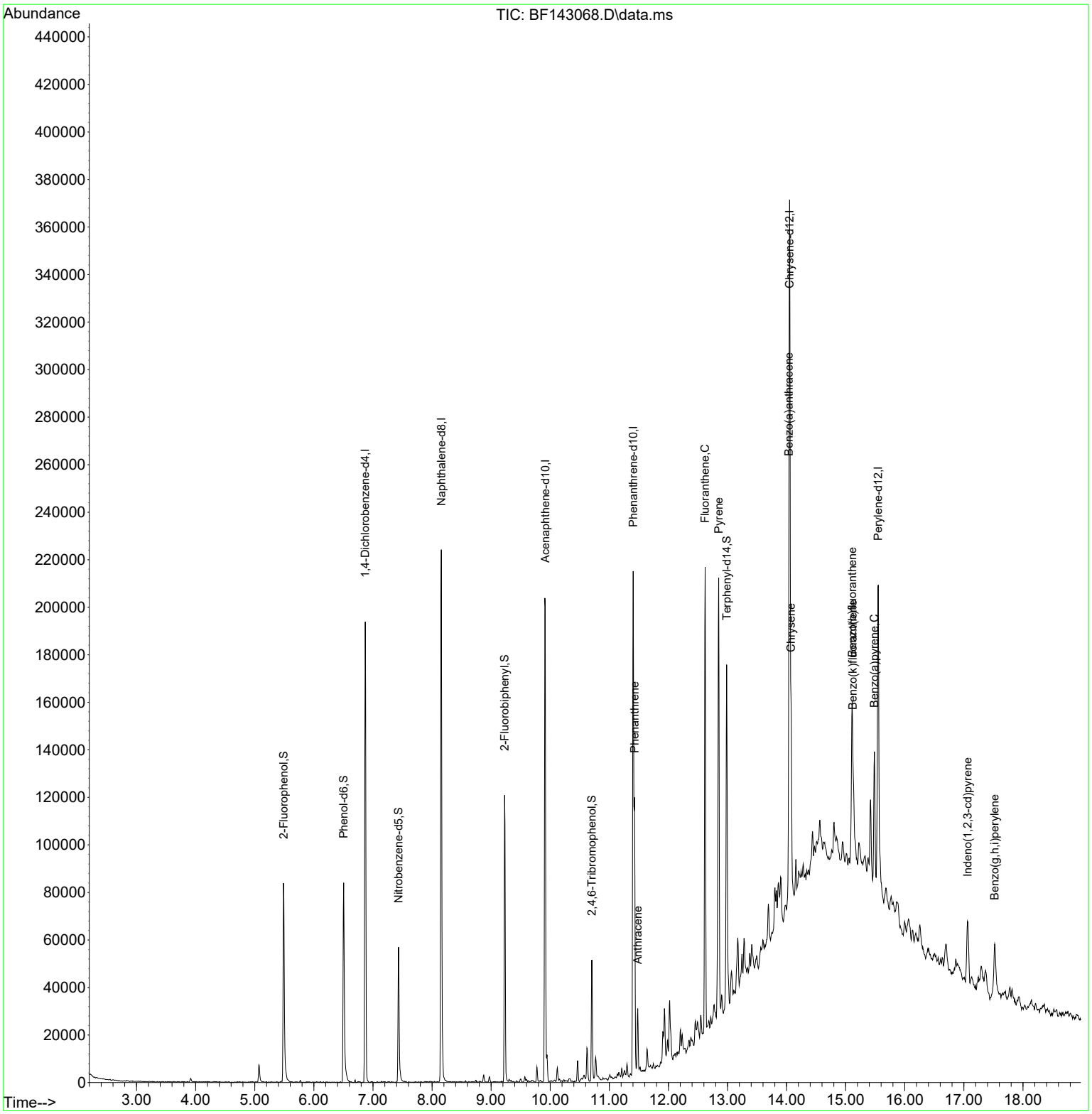
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	43463	20.000	ng		-0.01
21) Naphthalene-d8	8.157	136	148519	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	64447	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	109030	20.000	ng		0.00
76) Chrysene-d12	14.051	240	112715	20.000	ng		0.00
86) Perylene-d12	15.551	264	74278	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	40390	15.472	ng		0.00
7) Phenol-d6	6.504	99	47521	15.429	ng		0.00
23) Nitrobenzene-d5	7.434	82	27724	10.239	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	8917	13.445	ng		-0.01
45) 2-Fluorobiphenyl	9.228	172	57244	11.668	ng		-0.02
79) Terphenyl-d14	12.986	244	64134	7.862	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	11.427	178	61813	10.466	ng		100
72) Anthracene	11.480	178	16496	2.723	ng		99
75) Fluoranthene	12.621	202	114860	20.492	ng		100
78) Pyrene	12.851	202	108633	10.282	ng		99
81) Benzo(a)anthracene	14.039	228	60280	7.928	ng		96
83) Chrysene	14.074	228	39851	5.873	ng		96
87) Indeno(1,2,3-cd)pyrene	17.062	276	18765	3.317	ng		98
88) Benzo(b)fluoranthene	15.110	252	39680m	9.232	ng		
89) Benzo(k)fluoranthene	15.121	252	17859m	4.441	ng		
90) Benzo(a)pyrene	15.486	252	30605	7.371	ng	#	93
92) Benzo(g,h,i)perylene	17.521	276	19371	4.226	ng		97

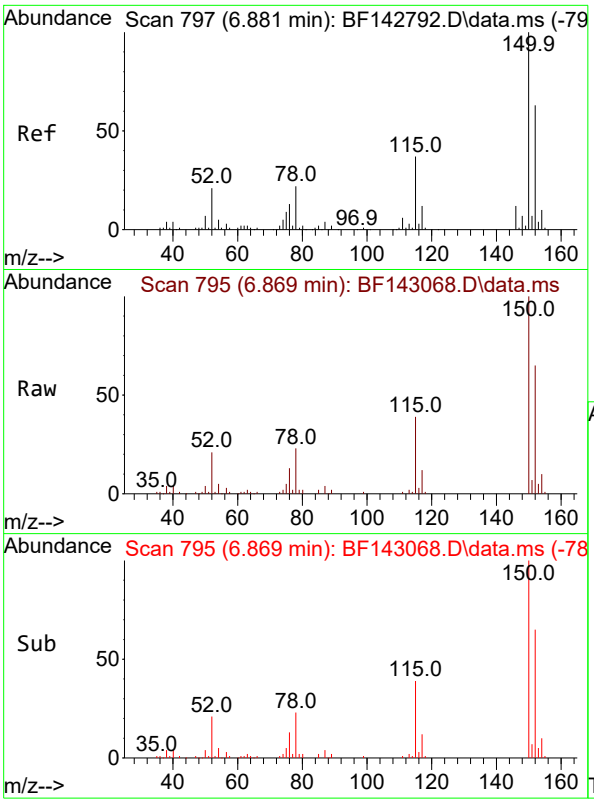
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143068.D
Acq On : 09 Jul 2025 21:04
Operator : RC/JU
Sample : Q2487-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Quant Time: Jul 10 00:58:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
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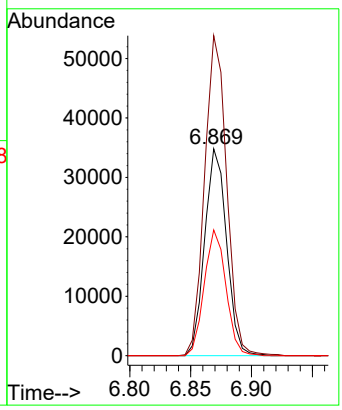


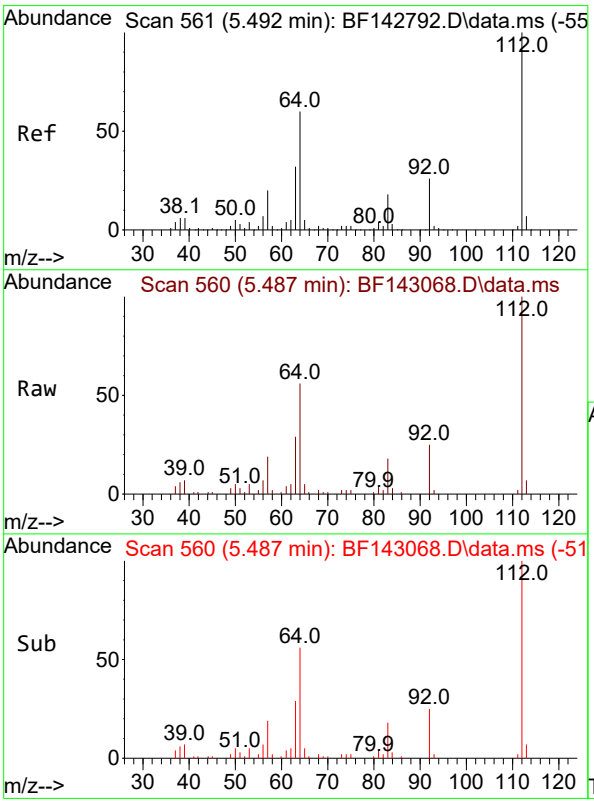
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Tgt Ion:152 Resp: 43463

Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.2	190.8
115	60.8	46.6	69.8

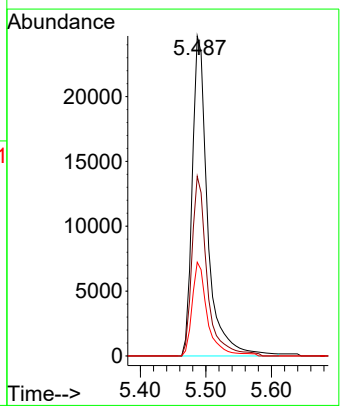


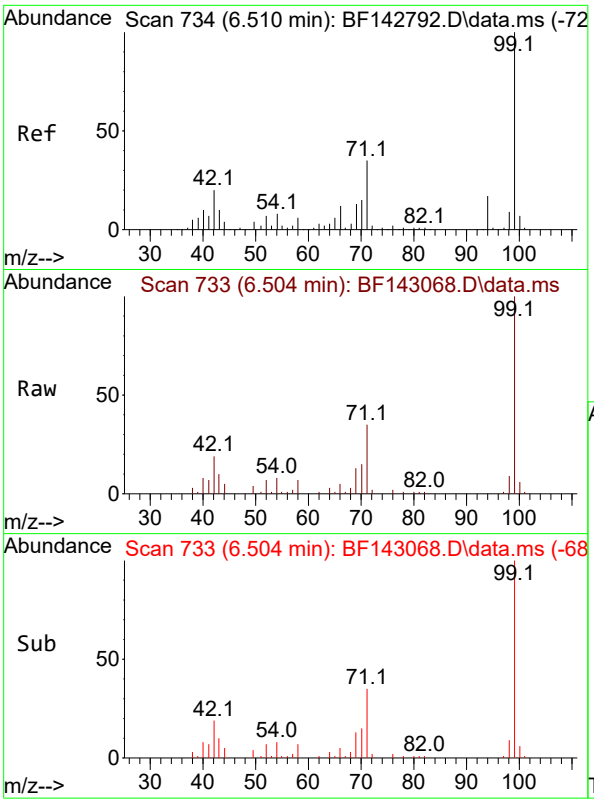


#5
2-Fluorophenol
Concen: 15.472 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.005 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Tgt Ion:112 Resp: 40390

Ion	Ratio	Lower	Upper
112	100		
64	56.2	48.2	72.2
63	29.3	25.7	38.5



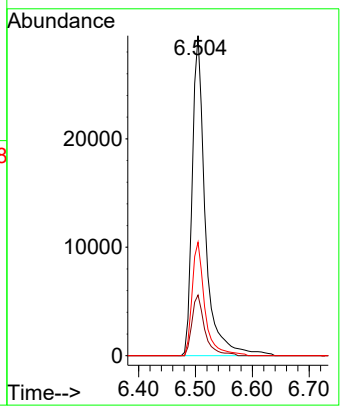


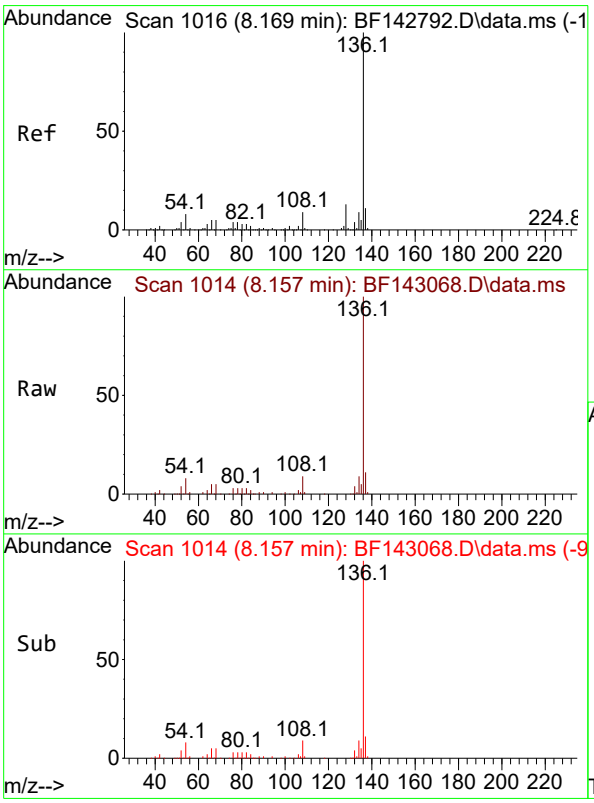
#7
Phenol-d6
Concen: 15.429 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Tgt Ion: 99 Resp: 47521

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.9	23.9
71	35.5	27.8	41.8

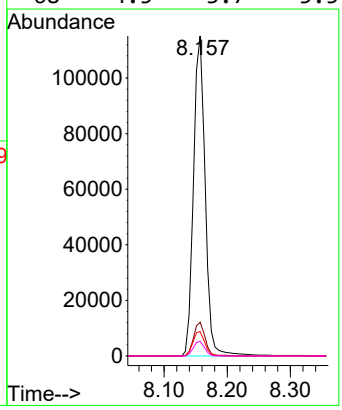


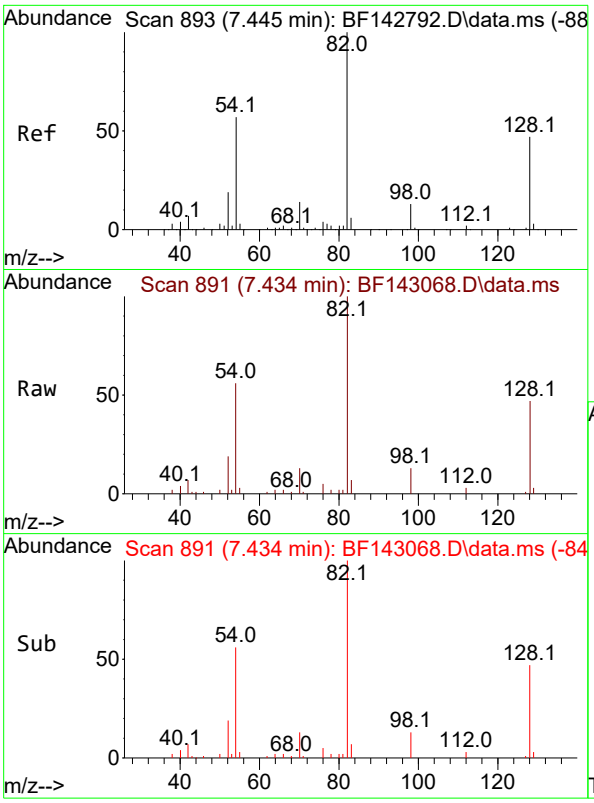


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Tgt Ion:136 Resp: 148519

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.6	6.3	9.5
68	4.5	3.7	5.5



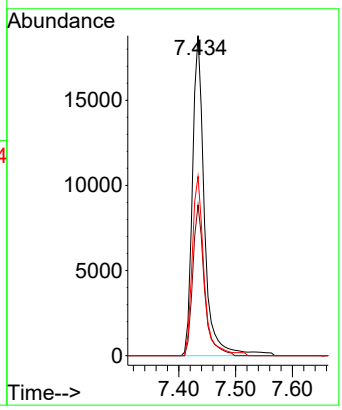


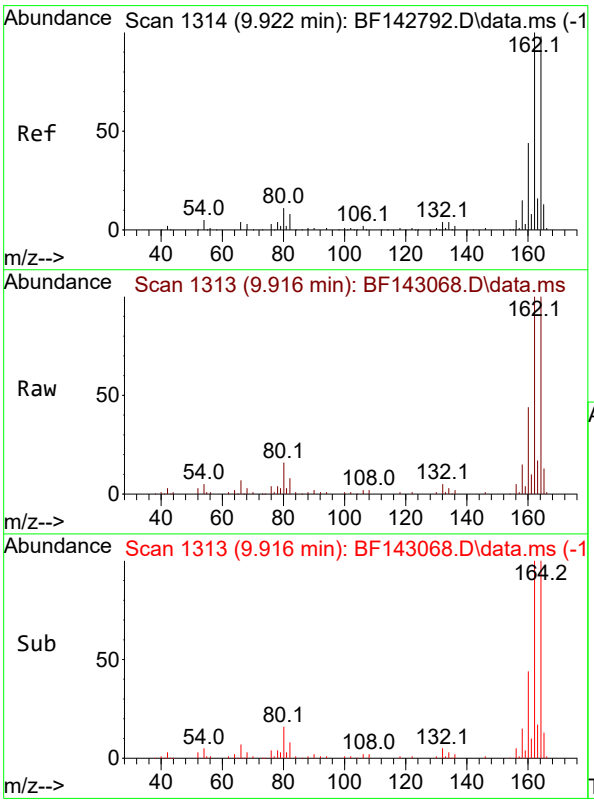
#23
Nitrobenzene-d5
Concen: 10.239 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.011 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Tgt Ion: 82 Resp: 27724

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.7	56.5
54	56.1	45.7	68.5

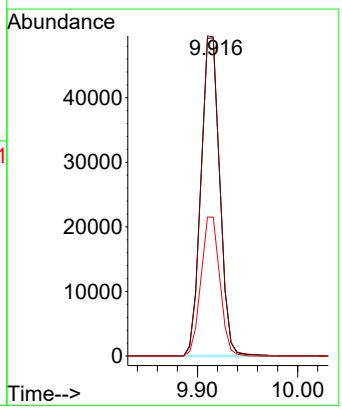


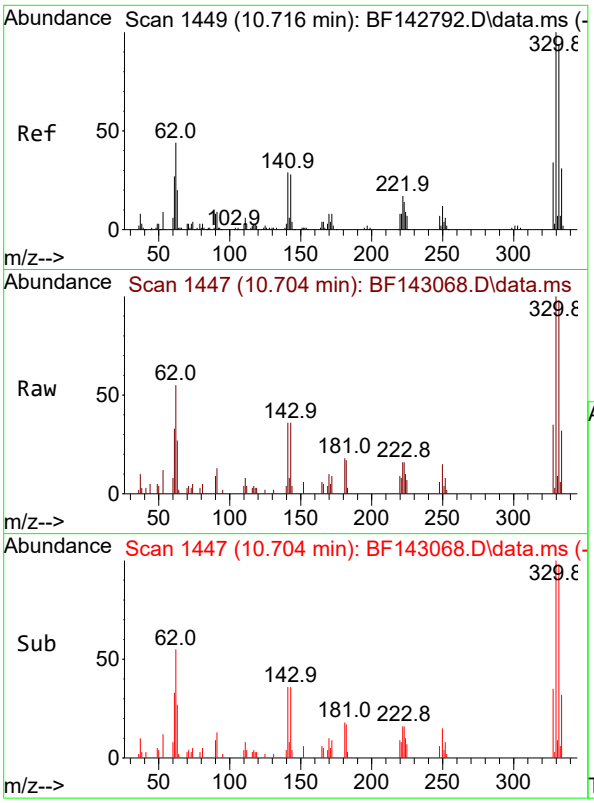


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Tgt Ion:164 Resp: 64447

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.8	122.8
160	43.7	36.0	54.0



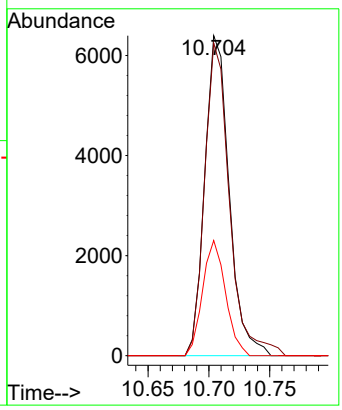


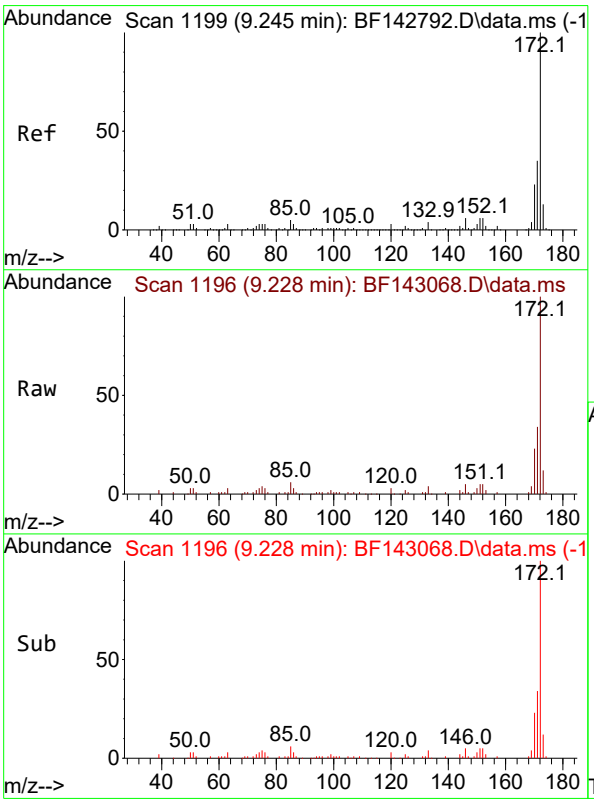
#42
2,4,6-Tribromophenol
Concen: 13.445 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Tgt Ion:330 Resp: 8917

Ion	Ratio	Lower	Upper
330	100		
332	99.4	75.0	112.6
141	33.9	25.3	37.9

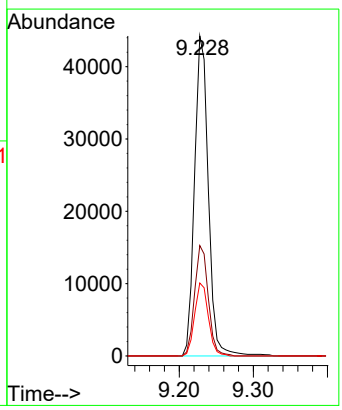


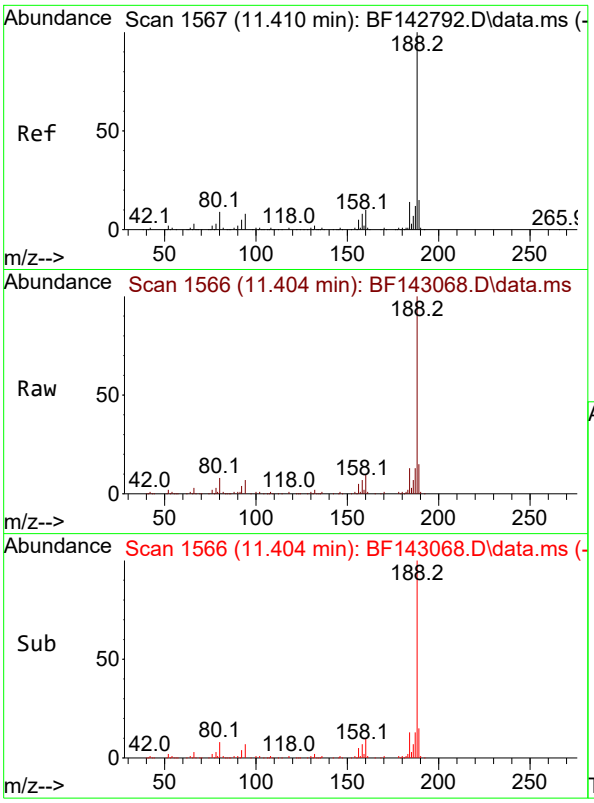


#45
2-Fluorobiphenyl
Concen: 11.668 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.017 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Tgt Ion:172 Resp: 57244

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.4
170	22.8	18.5	27.7



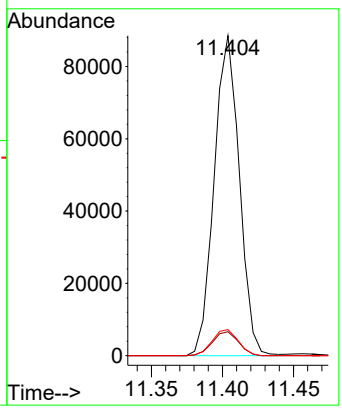


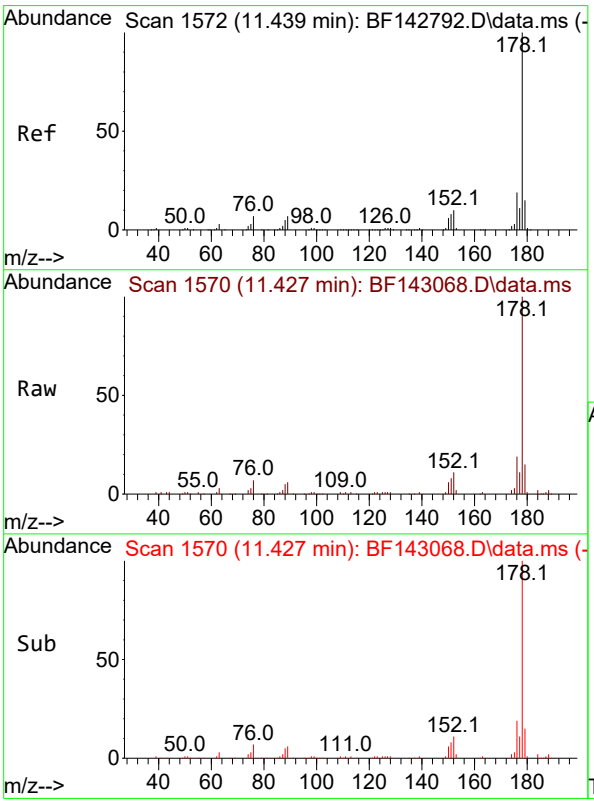
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Tgt Ion:188 Resp: 109030

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.2	6.9	10.3

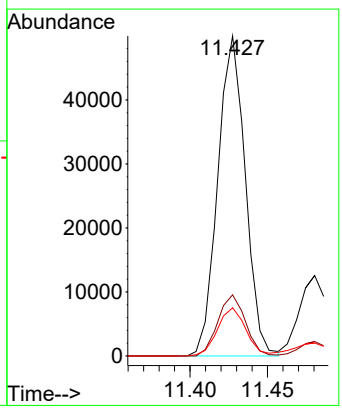


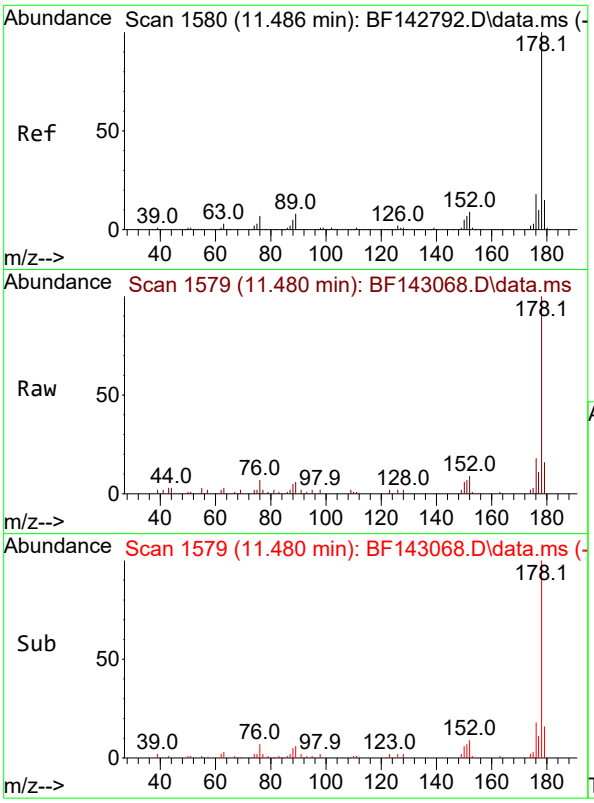


#71
Phenanthrene
Concen: 10.466 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Tgt Ion:178 Resp: 61813

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.1	12.0	18.0



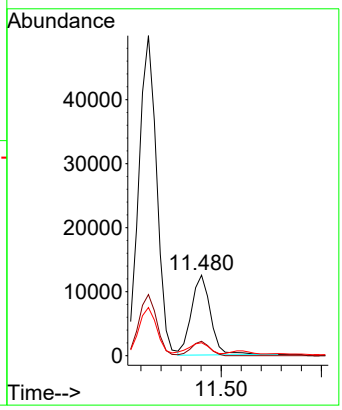


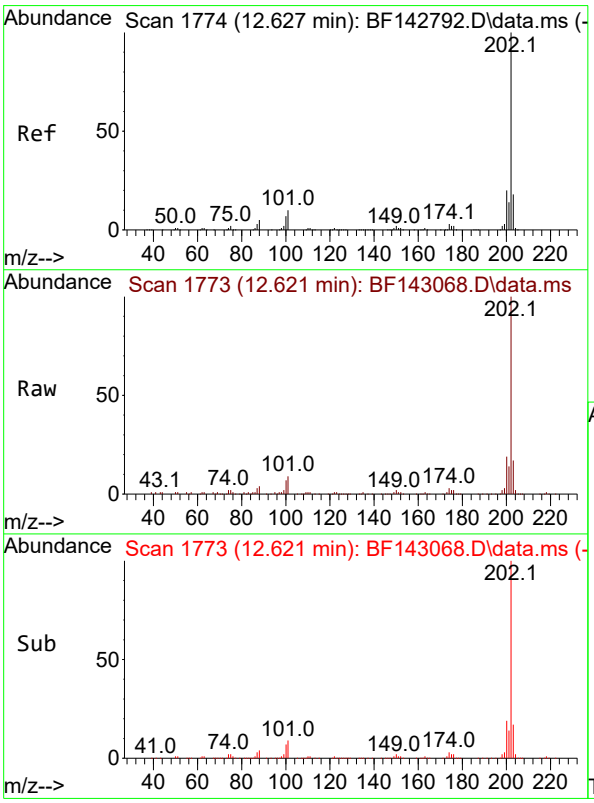
#72
Anthracene
Concen: 2.723 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Tgt Ion:178 Resp: 16496

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	16.2	12.4	18.6

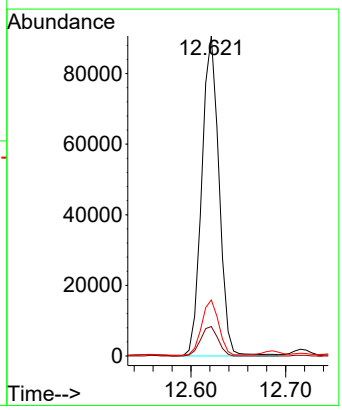


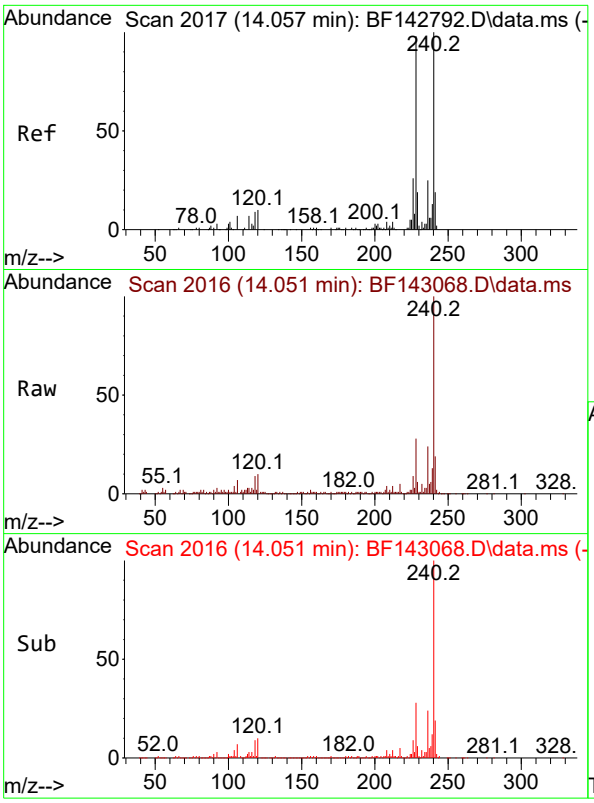


#75
Fluoranthene
Concen: 20.492 ng
RT: 12.621 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Tgt Ion:202 Resp: 114860

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.7
203	17.5	0.0	37.5



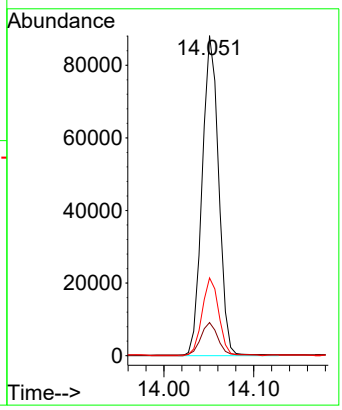


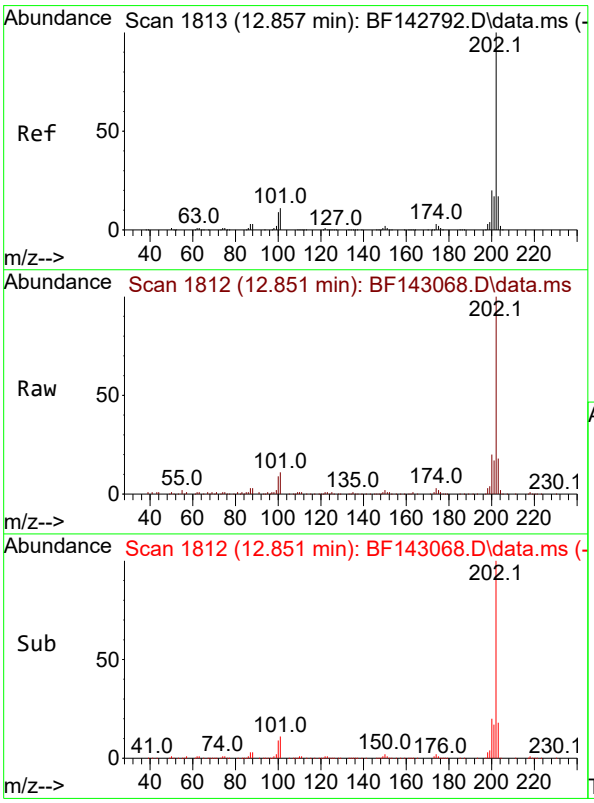
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Tgt Ion:240 Resp: 112715

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.2	12.2
236	24.3	19.8	29.8

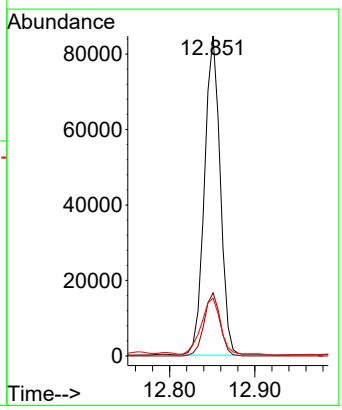


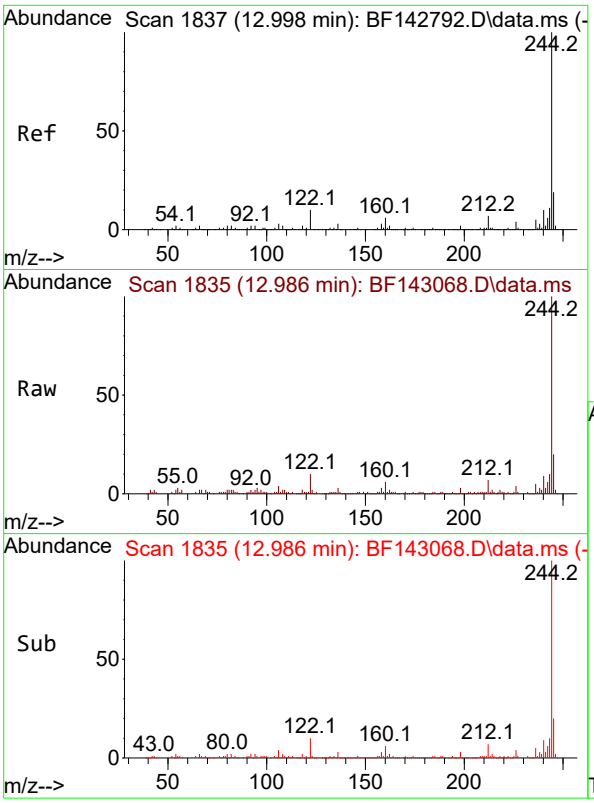


#78
Pyrene
Concen: 10.282 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Tgt Ion:202 Resp: 108633

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	18.0	13.8	20.6



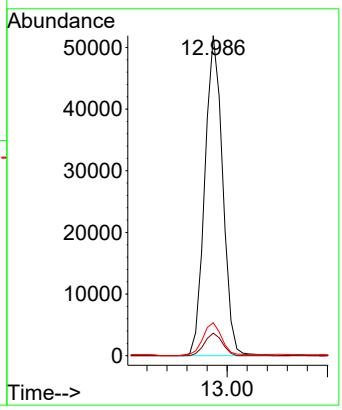


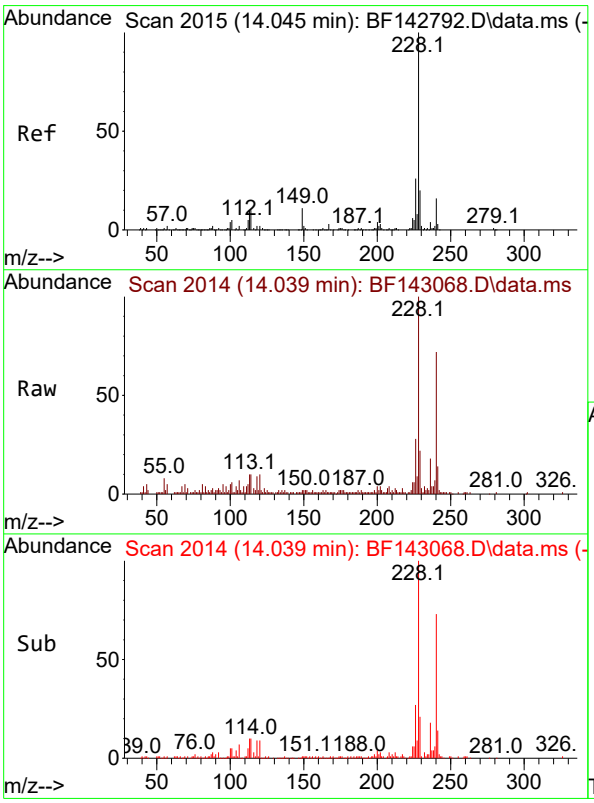
#79
Terphenyl-d14
Concen: 7.862 ng
RT: 12.986 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Tgt Ion:244 Resp: 64134

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.3	8.2	12.2

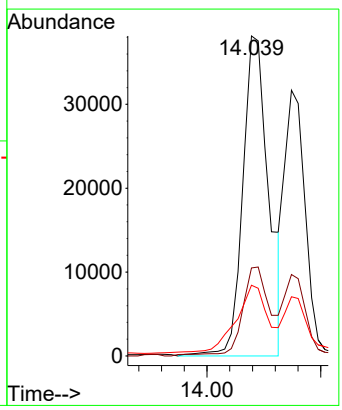


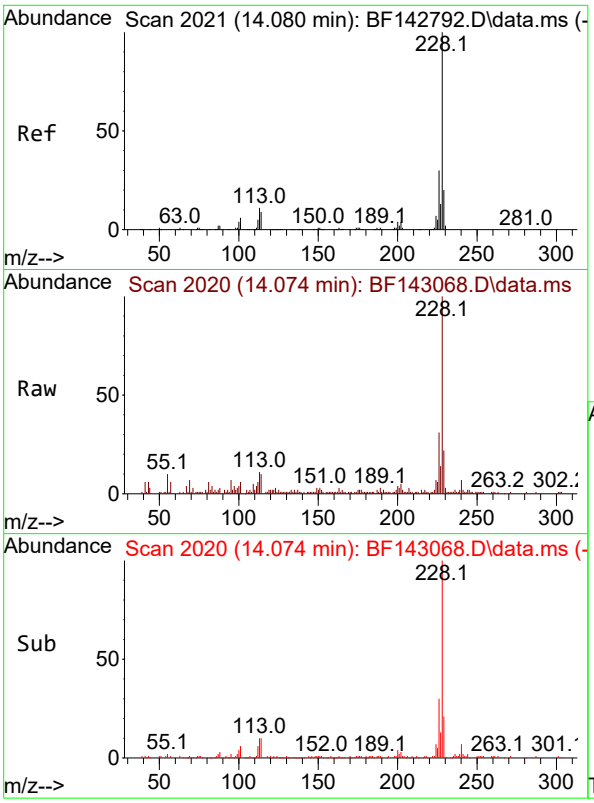


#81
Benzo(a)anthracene
Concen: 7.928 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Tgt Ion:228 Resp: 60280

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.2	31.8
229	22.1	15.6	23.4



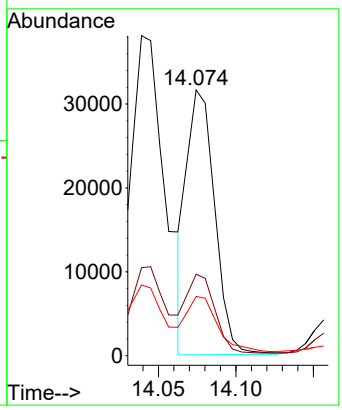


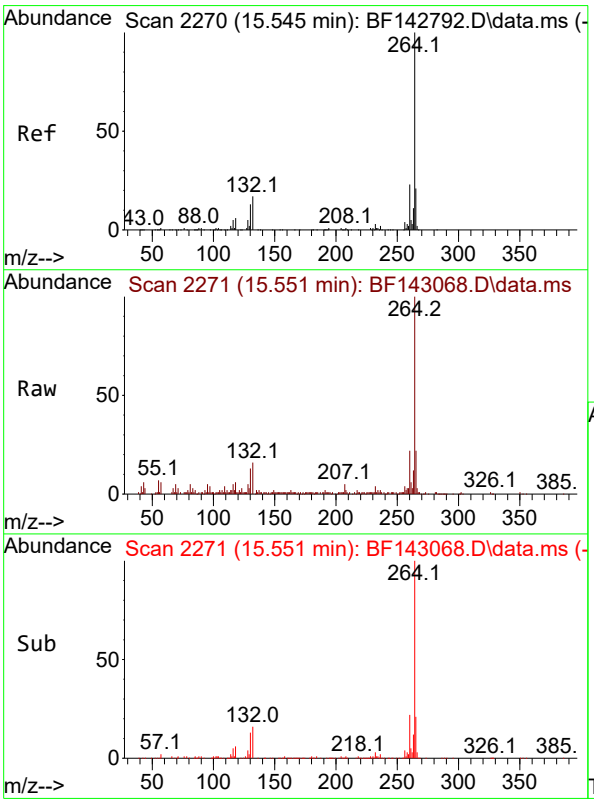
#83
Chrysene
Concen: 5.873 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Tgt Ion:228 Resp: 39851

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.7	35.5
229	22.3	15.7	23.5

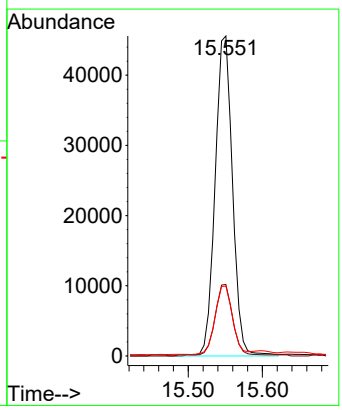


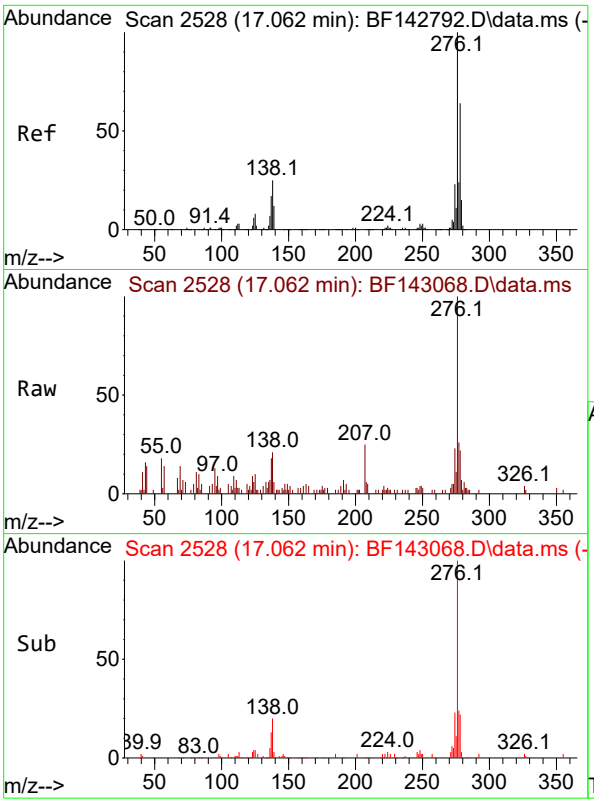


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Tgt Ion:264 Resp: 74278

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.1	27.1
265	21.8	16.6	25.0



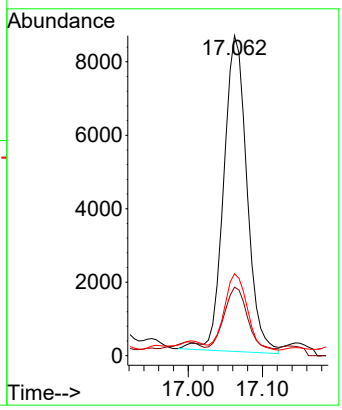


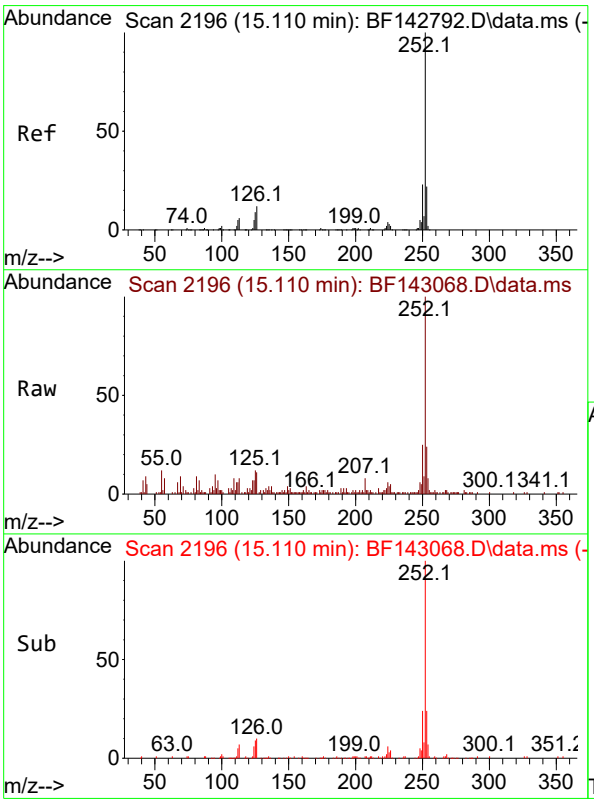
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.317 ng
RT: 17.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Tgt Ion:276 Resp: 18765

Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.2	30.4
277	24.5	19.8	29.6

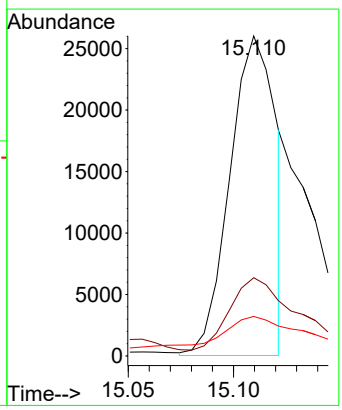


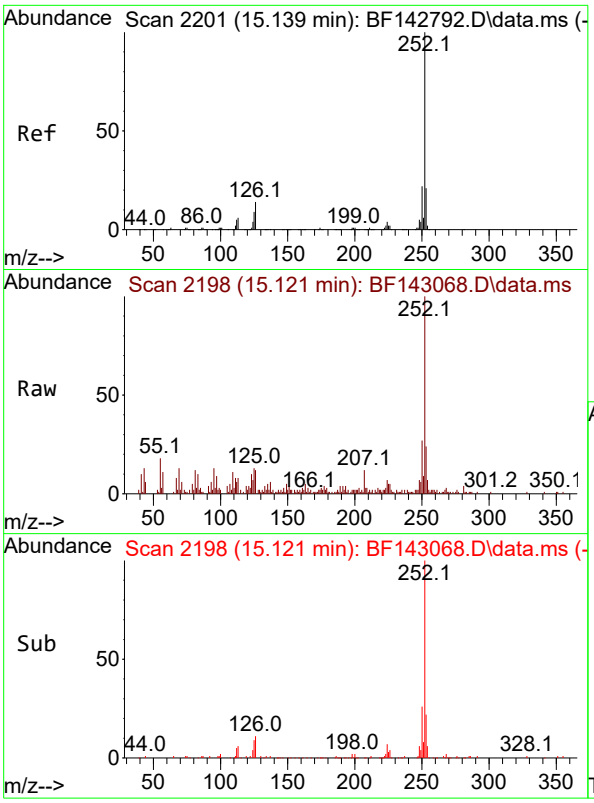


#88
Benzo(b)fluoranthene
Concen: 9.232 ng m
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Tgt Ion:252 Resp: 39680

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	12.3	7.4	11.0#



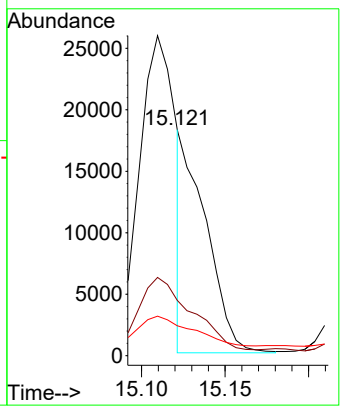


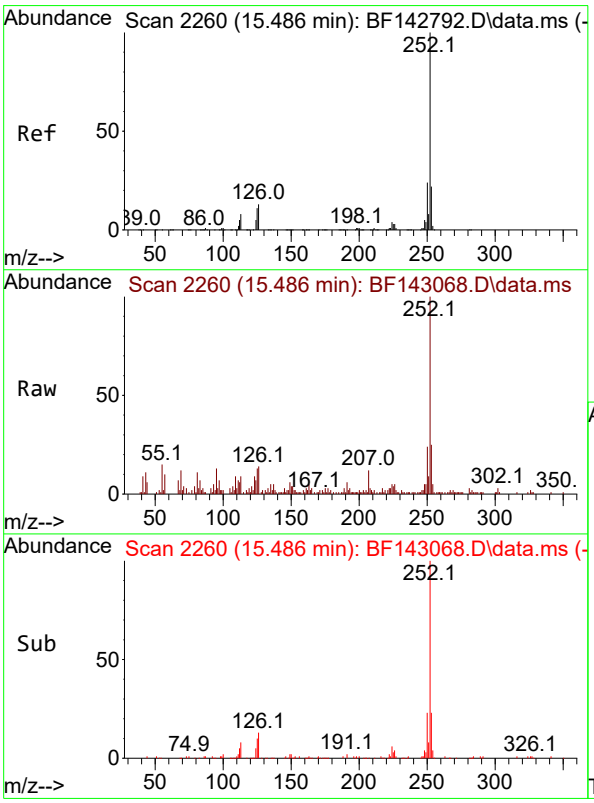
#89
Benzo(k)fluoranthene
Concen: 4.441 ng m
RT: 15.121 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Tgt Ion:252 Resp: 17859

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	13.3	7.4	11.2#

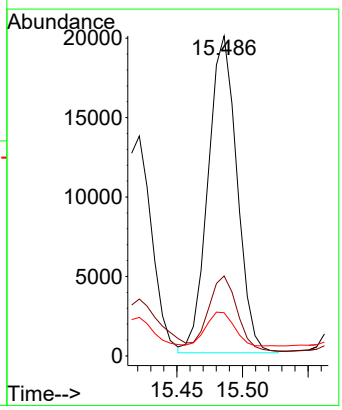


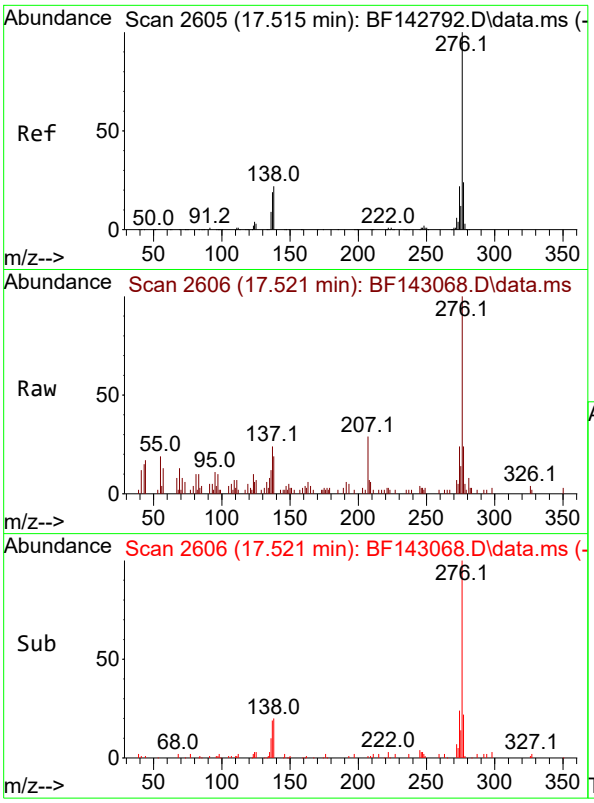


#90
Benzo(a)pyrene
Concen: 7.371 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Tgt Ion:252 Resp: 30605

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	13.5	8.6	12.8#



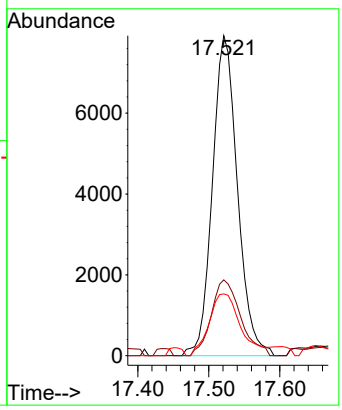


#92
Benzo(g,h,i)perylene
Concen: 4.226 ng
RT: 17.521 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143068.D
Acq: 09 Jul 2025 21:04

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Tgt Ion:276 Resp: 19371

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	19.3	17.6	26.4



Sample Results: **BF143068.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143068.D
Acq On : 09 Jul 2025 21:04
Operator : RC/JU
Sample : Q2487-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143068.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.069	485	489	499	rBV	7277	11658	2.14%	0.296%
2	5.487	556	560	578	rVB	83490	127417	23.38%	3.237%
3	6.504	728	733	749	rBV	83732	129017	23.68%	3.277%
4	6.869	790	795	806	rVB	193713	239431	43.94%	6.082%
5	7.434	886	891	906	rVB	56608	79031	14.50%	2.008%
6	8.157	1009	1014	1025	rVB	223322	289289	53.09%	7.349%
7	9.228	1192	1196	1207	rBV	120700	148299	27.21%	3.767%
8	9.775	1284	1289	1295	rBV	6297	7819	1.43%	0.199%
9	9.910	1307	1312	1317	rBV	203434	264995	48.63%	6.731%
10	9.945	1317	1318	1323	rVB	11390	8809	1.62%	0.224%
11	10.122	1343	1348	1352	rBV2	5797	7584	1.39%	0.193%
12	10.463	1402	1406	1411	rVB	8875	11262	2.07%	0.286%
13	10.622	1429	1433	1441	rVB	13951	19301	3.54%	0.490%
14	10.704	1442	1447	1453	rBV	50907	65347	11.99%	1.660%
15	10.769	1453	1458	1462	rBV	8748	12541	2.30%	0.319%
16	11.298	1545	1548	1555	rVB	5581	7497	1.38%	0.190%
17	11.404	1561	1566	1569	rBV	212189	315526	57.90%	8.015%
18	11.480	1575	1579	1583	rVB	25654	30366	5.57%	0.771%
19	11.639	1601	1606	1612	rBV2	8977	14647	2.69%	0.372%
20	11.904	1647	1651	1653	rBV	13197	17549	3.22%	0.446%
21	11.933	1653	1656	1661	rVV	22622	33183	6.09%	0.843%
22	11.986	1661	1665	1667	rVV	8900	12743	2.34%	0.324%
23	12.022	1667	1671	1680	rVB2	25072	46636	8.56%	1.185%
24	12.204	1698	1702	1704	rBV	10034	12221	2.24%	0.310%
25	12.233	1704	1707	1712	rVB4	6627	9498	1.74%	0.241%
26	12.457	1741	1745	1748	rBV	10283	17028	3.12%	0.433%
27	12.545	1757	1760	1765	rBV3	9339	14290	2.62%	0.363%
28	12.621	1768	1773	1777	rBV	196101	245126	44.98%	6.227%
29	12.851	1805	1812	1818	rBV	185104	276206	50.69%	7.016%
30	12.986	1830	1835	1843	rVB	142529	197853	36.31%	5.026%
31	13.174	1861	1867	1871	rBV	22012	41771	7.67%	1.061%
32	13.280	1882	1885	1892	rBV3	14599	21391	3.93%	0.543%
33	14.051	2010	2016	2029	rBV2	293147	544934	100.00%	13.842%
34	15.110	2192	2196	2208	rVB	66410	150528	27.62%	3.824%
35	15.421	2246	2249	2255	rVB	33952	51018	9.36%	1.296%
36	15.486	2256	2260	2265	rVV	57134	90104	16.53%	2.289%

Sample Results: **BF143068.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143068.D
Acq On : 09 Jul 2025 21:04
Operator : RC/JU
Sample : Q2487-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.551	2266	2271	2287	rVB2	133748	262651	48.20%	6.672%
38	17.062	2524	2528	2535	rVB2	26188	54931	10.08%	1.395%
39	17.521	2603	2606	2618	rVB	21052	47191	8.66%	1.199%

Sum of corrected areas: 3936688

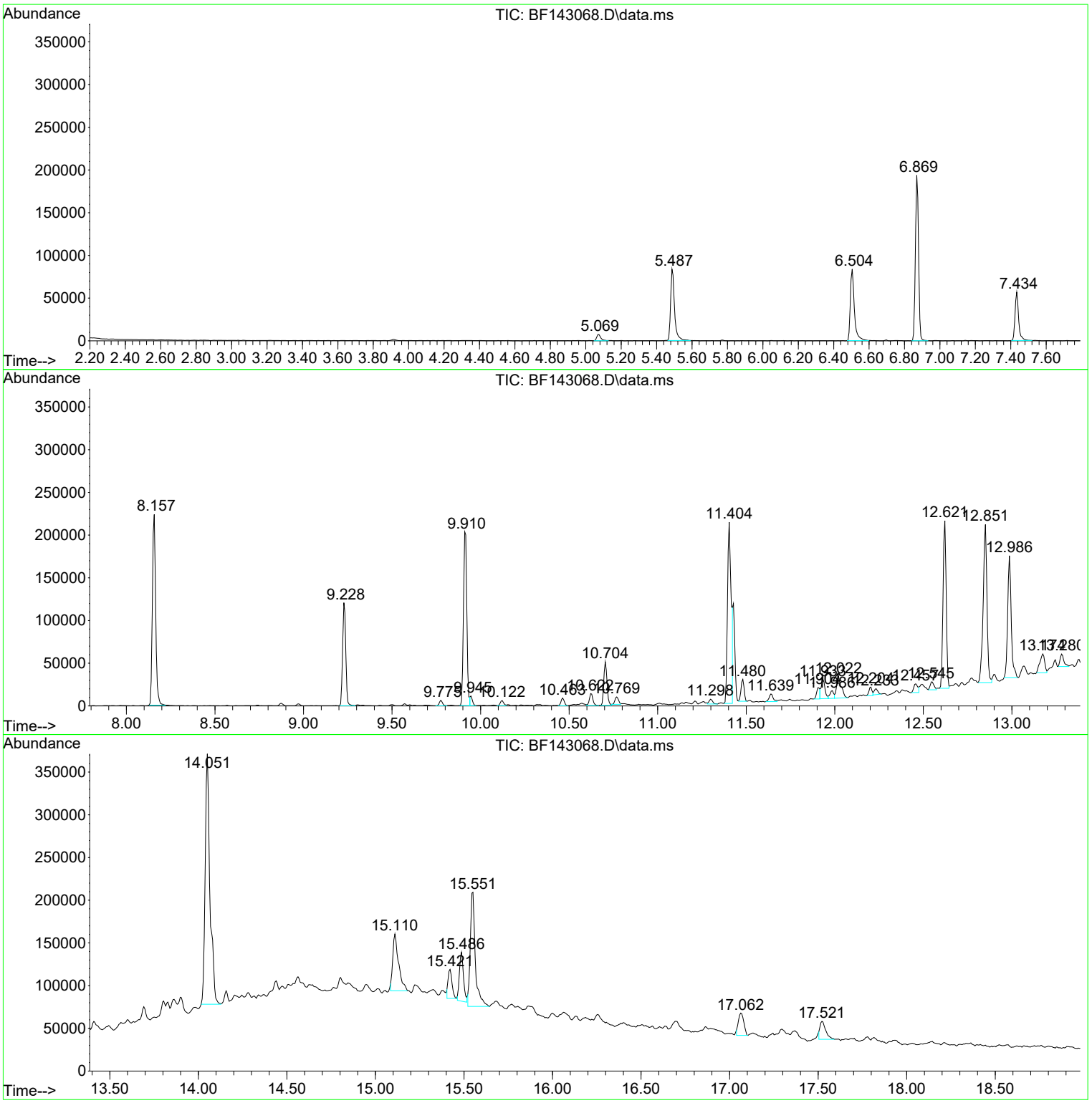
Sample Results: **BF143068.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143068.D
Acq On : 09 Jul 2025 21:04
Operator : RC/JU
Sample : Q2487-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143068.D
Acq On : 09 Jul 2025 21:04
Operator : RC/JU
Sample : Q2487-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

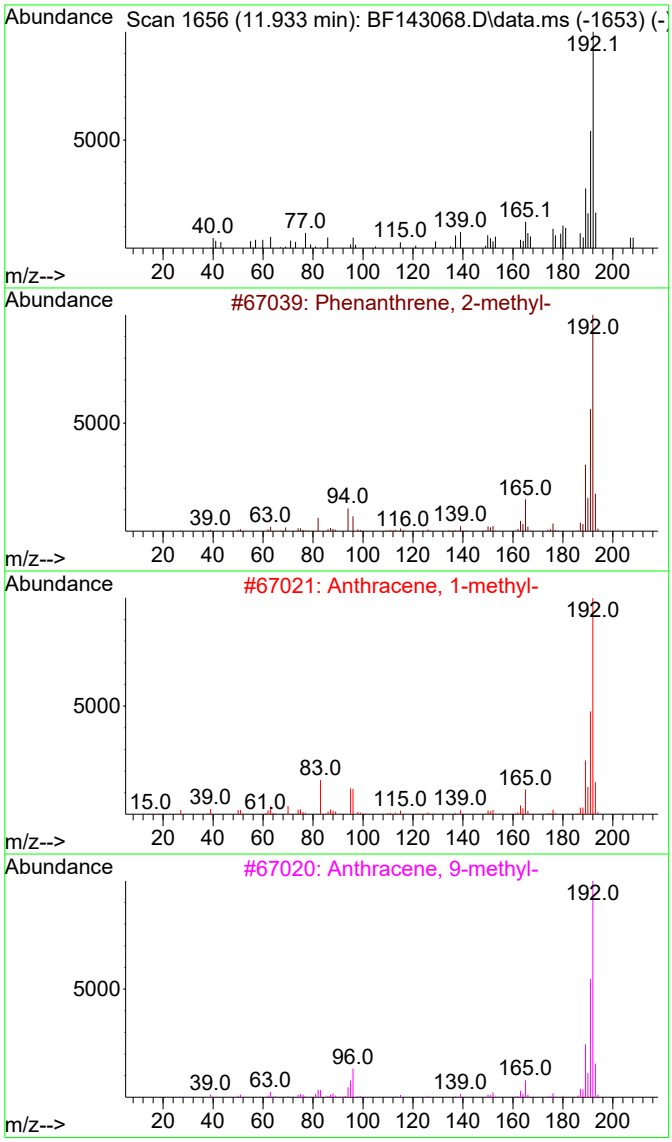
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

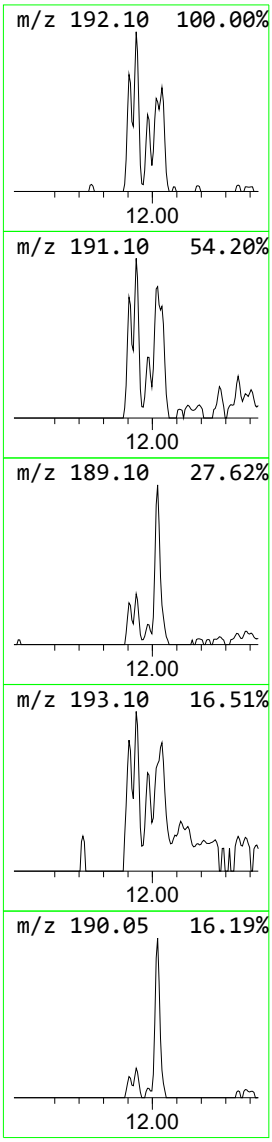
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.10 ng	33183	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143068.D
Acq On : 09 Jul 2025 21:04
Operator : RC/JU
Sample : Q2487-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

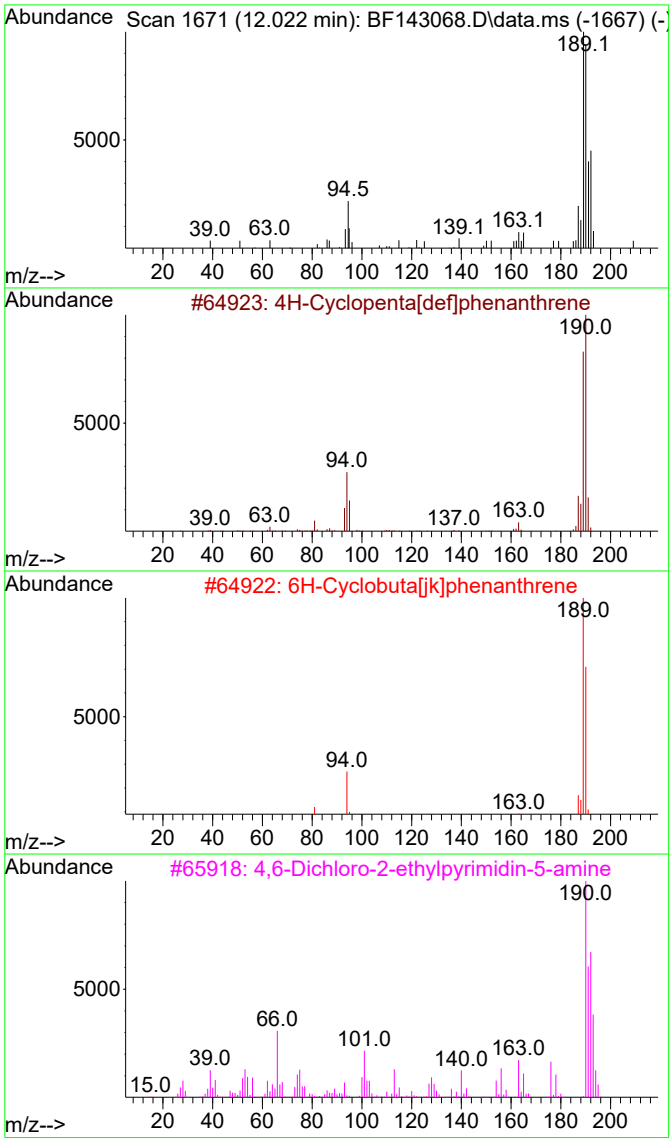
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

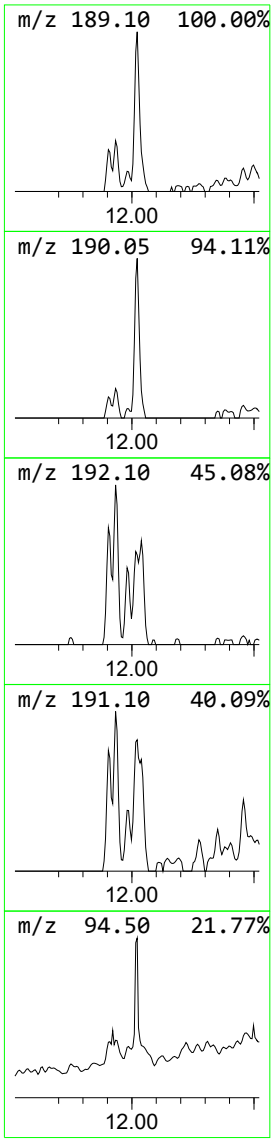
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	2.96 ng	46636	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	37
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143068.D
Acq On : 09 Jul 2025 21:04
Operator : RC/JU
Sample : Q2487-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

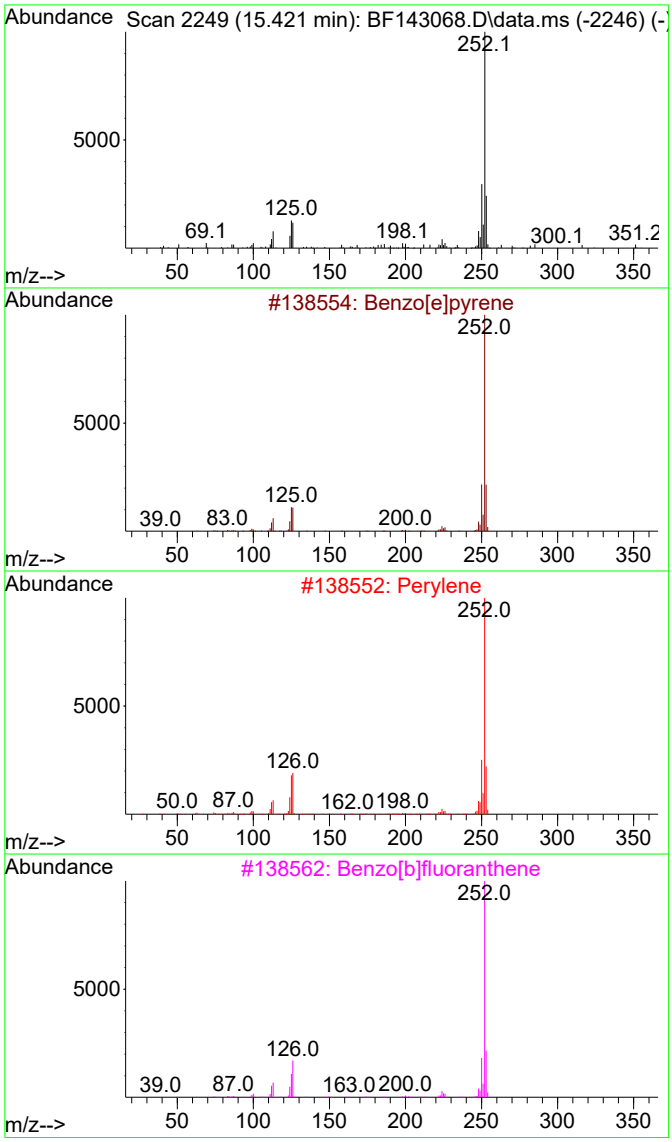
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

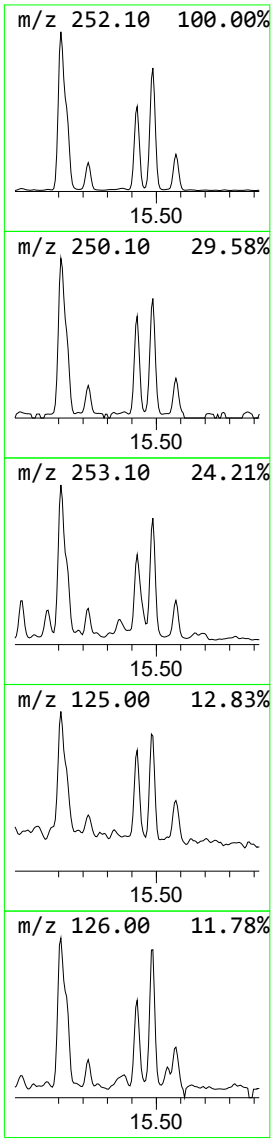
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	3.88 ng	51018	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Sample Results: **BF143068.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143068.D
Acq On : 09 Jul 2025 21:04
Operator : RC/JU
Sample : Q2487-11 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
Phenanthrene, 2...	11.933	2.1	ng	33183	4	11.404	315526	20.0
4H-Cyclopenta[d...	12.022	3.0	ng	46636	4	11.404	315526	20.0
Benzo[e]pyrene	15.421	3.9	ng	51018	6	15.551	262651	20.0

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-12	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	70.2
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
BF143008.D	1	07/03/25 09:00	07/07/25 14:47	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	220	U	220	470	ug/Kg
108-95-2	Phenol	31.4	U	31.4	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	34.6	U	34.6	240	ug/Kg
95-57-8	2-Chlorophenol	34.7	U	34.7	240	ug/Kg
95-48-7	2-Methylphenol	42.5	U	42.5	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53.3	U	53.3	240	ug/Kg
98-86-2	Acetophenone	42.0	U	42.0	240	ug/Kg
65794-96-9	3+4-Methylphenols	58.4	U	58.4	470	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	67.4	U	67.4	110	ug/Kg
67-72-1	Hexachloroethane	25.0	U	25.0	240	ug/Kg
98-95-3	Nitrobenzene	26.0	U	26.0	240	ug/Kg
78-59-1	Isophorone	46.6	U	46.6	240	ug/Kg
88-75-5	2-Nitrophenol	82.8	U	82.8	240	ug/Kg
105-67-9	2,4-Dimethylphenol	92.2	U	92.2	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	43.8	U	43.8	240	ug/Kg
120-83-2	2,4-Dichlorophenol	40.2	U	40.2	240	ug/Kg
91-20-3	Naphthalene	32.3	U	32.3	240	ug/Kg
106-47-8	4-Chloroaniline	50.3	U	50.3	240	ug/Kg
87-68-3	Hexachlorobutadiene	36.0	U	36.0	240	ug/Kg
105-60-2	Caprolactam	74.1	U	74.1	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40.8	U	40.8	240	ug/Kg
91-57-6	2-Methylnaphthalene	36.4	U	36.4	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28.2	U	28.2	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41.4	U	41.4	240	ug/Kg
92-52-4	1,1-Biphenyl	31.0	U	31.0	240	ug/Kg
91-58-7	2-Chloronaphthalene	32.0	U	32.0	240	ug/Kg
88-74-4	2-Nitroaniline	68.4	U	68.4	240	ug/Kg
131-11-3	Dimethylphthalate	38.5	U	38.5	240	ug/Kg

Raw Data: **BF143008.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-12	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	70.2
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
BF143008.D	1	07/03/25 09:00	07/07/25 14:47	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	41.1	U	41.1	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	47.8	U	47.8	240	ug/Kg
99-09-2	3-Nitroaniline	65.4	U	65.4	240	ug/Kg
83-32-9	Acenaphthene	30.3	U	30.3	240	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	470	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	470	ug/Kg
132-64-9	Dibenzofuran	32.3	U	32.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	71.2	U	71.2	240	ug/Kg
84-66-2	Diethylphthalate	40.2	U	40.2	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	38.0	U	38.0	240	ug/Kg
86-73-7	Fluorene	36.0	U	36.0	240	ug/Kg
100-01-6	4-Nitroaniline	91.3	U	91.3	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	470	ug/Kg
86-30-6	n-Nitrosodiphenylamine	46.8	U	46.8	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39.5	U	39.5	240	ug/Kg
118-74-1	Hexachlorobenzene	36.0	U	36.0	240	ug/Kg
1912-24-9	Atrazine	48.4	U	48.4	240	ug/Kg
87-86-5	Pentachlorophenol	73.0	U	73.0	470	ug/Kg
85-01-8	Phenanthrene	210	J	29.7	240	ug/Kg
120-12-7	Anthracene	47.4	U	47.4	240	ug/Kg
86-74-8	Carbazole	44.4	U	44.4	240	ug/Kg
84-74-2	Di-n-butylphthalate	68.1	U	68.1	240	ug/Kg
206-44-0	Fluoranthene	180	J	42.7	240	ug/Kg
129-00-0	Pyrene	130	J	51.2	240	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52.2	U	52.2	470	ug/Kg
56-55-3	Benzo(a)anthracene	32.7	U	32.7	240	ug/Kg
218-01-9	Chrysene	28.3	U	28.3	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	84.2	U	84.2	240	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	27.0	U	27.0	240	ug/Kg

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-12	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	70.2
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
BF143008.D	1	07/03/25 09:00	07/07/25 14:47	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	31.9	U	31.9	240	ug/Kg
50-32-8	Benzo(a)pyrene	42.0	U	42.0	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41.4	U	41.4	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39.0	U	39.0	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36.5	U	36.5	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36.4	U	36.4	240	ug/Kg
123-91-1	1,4-Dioxane	64.3	U	64.3	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39.0	U	39.0	240	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	80.1		18 - 112	53%	SPK: 150
13127-88-3	Phenol-d6	79.7		15 - 107	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.1		18 - 107	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.8		20 - 109	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.4		10 - 116	53%	SPK: 150
1718-51-0	Terphenyl-d14	41.6		10 - 105	42%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	58700	6.875			
1146-65-2	Naphthalene-d8	220000	8.157			
15067-26-2	Acenaphthene-d10	111000	9.916			
1517-22-2	Phenanthrene-d10	176000	11.404			
1719-03-5	Chrysene-d12	118000	14.051			
1520-96-3	Perylene-d12	131000	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	280	AB		5.09	ug/Kg
000119-61-9	Benzophenone	300	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	220	J		11.9	ug/Kg
1000406-04-8	Pentadecafluorooctanoic acid, octa	300	J		13.9	ug/Kg
000646-31-1	Tetracosane	130	J		14.5	ug/Kg
000205-82-3	Benzo[j]fluoranthene	100	J		15.1	ug/Kg

Raw Data: **BF143008.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-12	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	70.2
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
BF143008.D	1	07/03/25 09:00	07/07/25 14:47	PB168722

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: **BF143008.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143008.D
Acq On : 07 Jul 2025 14:47
Operator : RC/JU
Sample : Q2487-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Quant Time: Jul 07 15:07:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

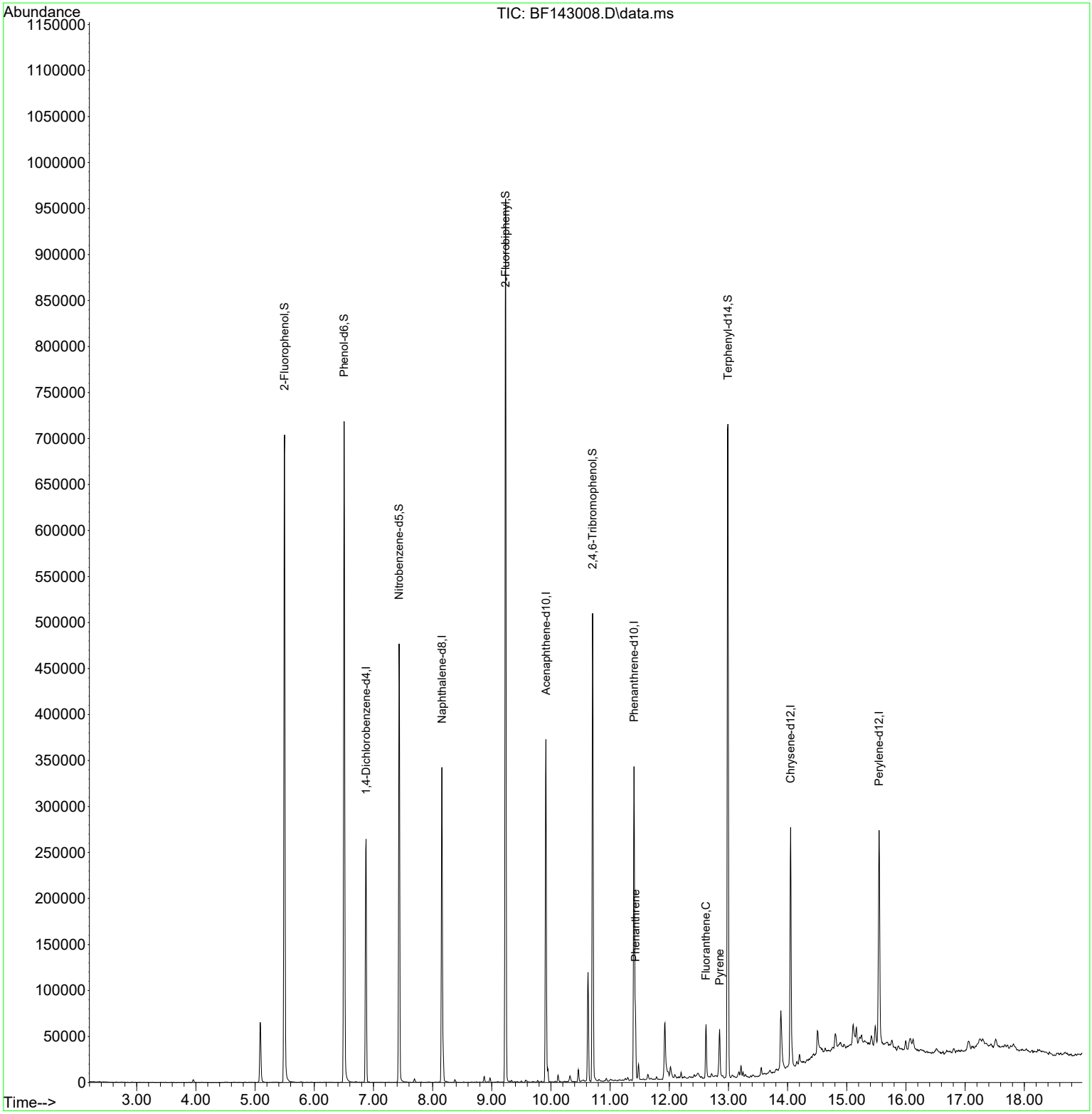
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58747	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	219665	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	110534	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	175777	20.000	ng	0.00
76) Chrysene-d12	14.051	240	118055	20.000	ng	0.00
86) Perylene-d12	15.545	264	131217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	282533	80.072	ng	0.00
7) Phenol-d6	6.504	99	331615	79.659	ng	0.00
23) Nitrobenzene-d5	7.434	82	204828	51.146	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	90281	79.370	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	427824	50.846	ng	-0.01
79) Terphenyl-d14	12.992	244	355071	41.557	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.427	178	41976	4.408	ng	100
75) Fluoranthene	12.621	202	33704	3.730	ng	99
78) Pyrene	12.851	202	29348	2.652	ng	96

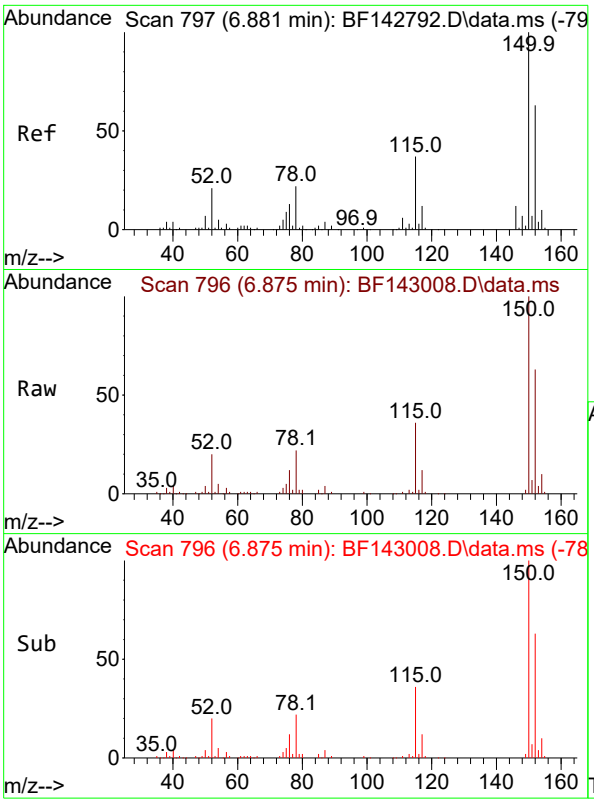
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143008.D
Acq On : 07 Jul 2025 14:47
Operator : RC/JU
Sample : Q2487-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Quant Time: Jul 07 15:07:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



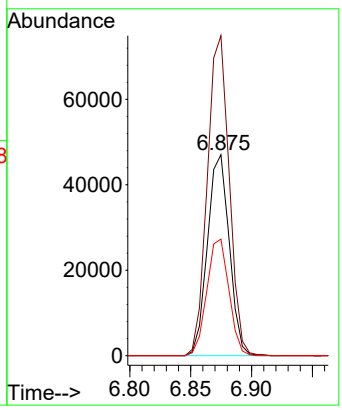


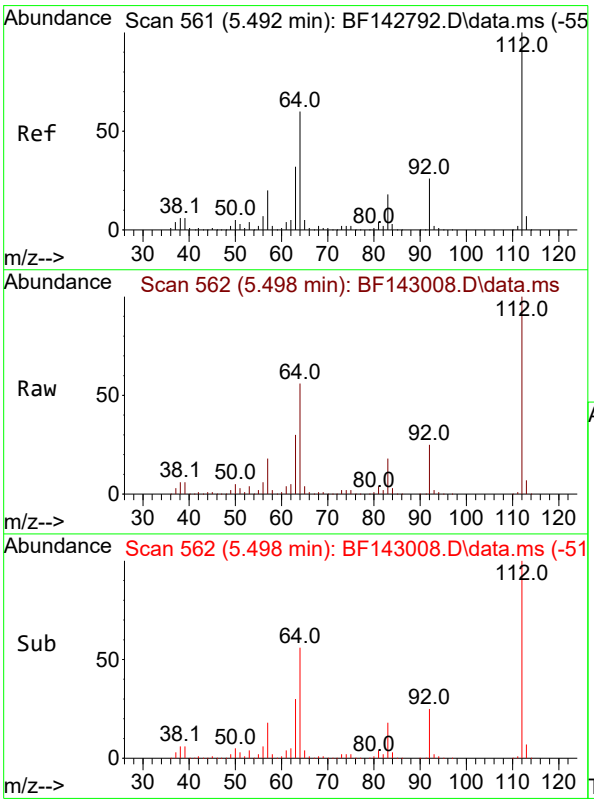
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Tgt Ion:152 Resp: 58747

Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.2	190.8
115	58.1	46.6	69.8

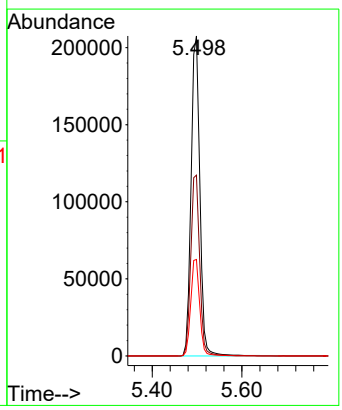


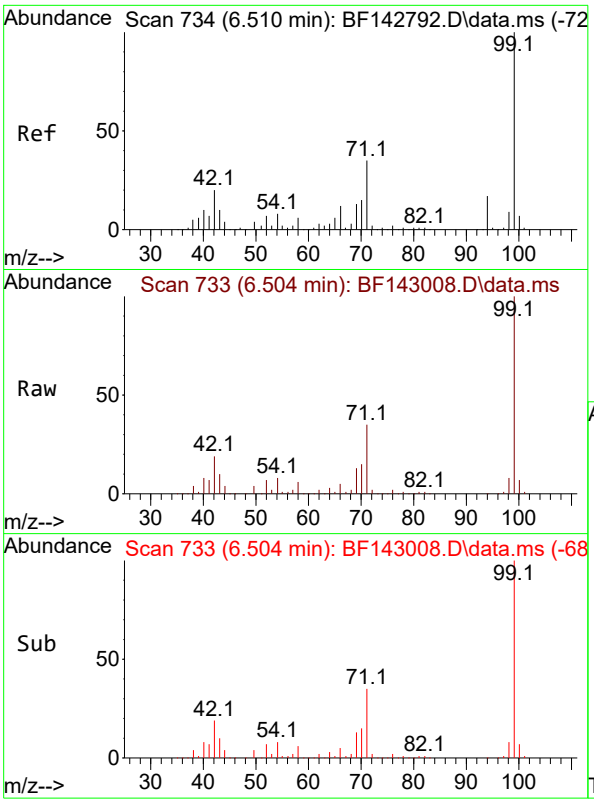


#5
2-Fluorophenol
Concen: 80.072 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Tgt Ion:112 Resp: 282533

Ion	Ratio	Lower	Upper
112	100		
64	56.5	48.2	72.2
63	30.1	25.7	38.5



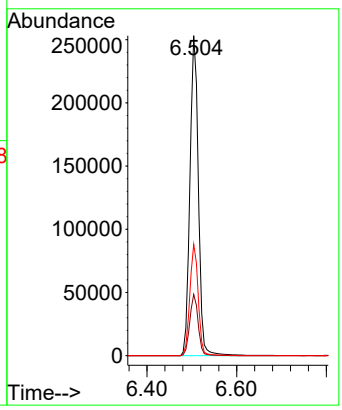


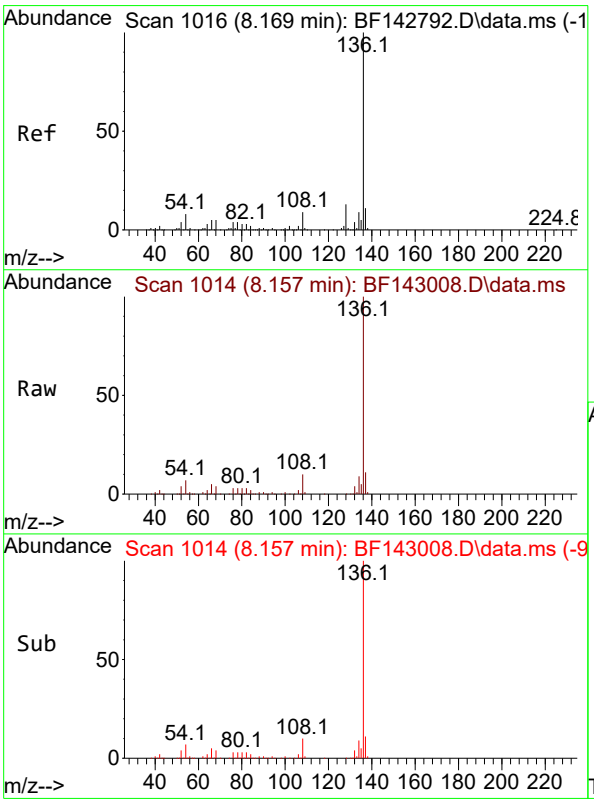
#7
Phenol-d6
Concen: 79.659 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Tgt Ion: 99 Resp: 331615

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.9	23.9
71	34.8	27.8	41.8

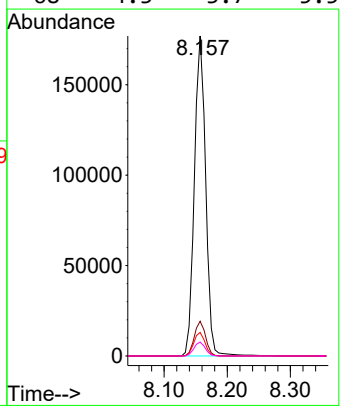


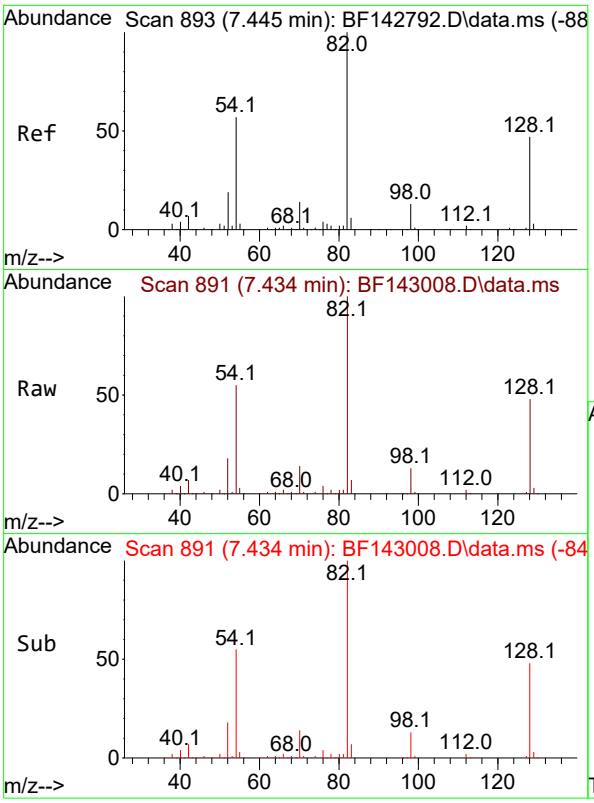


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Tgt Ion:136 Resp: 219665

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.3	6.3	9.5
68	4.3	3.7	5.5



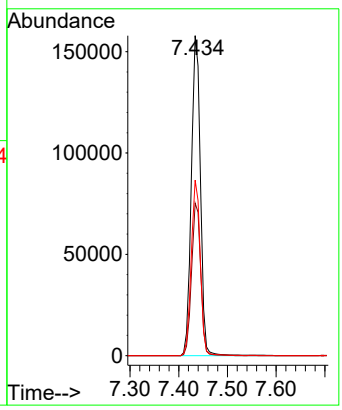


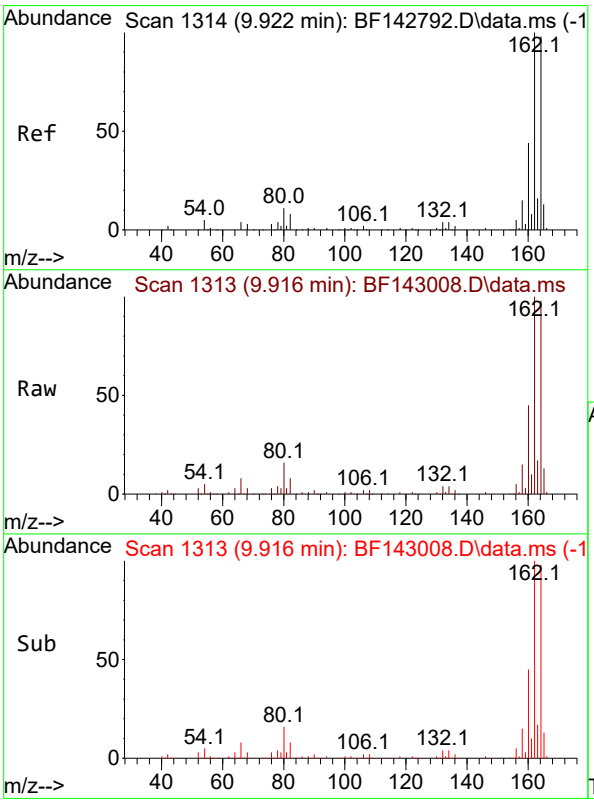
#23
Nitrobenzene-d5
Concen: 51.146 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.011 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Tgt Ion: 82 Resp: 204828

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.7	56.5
54	54.9	45.7	68.5

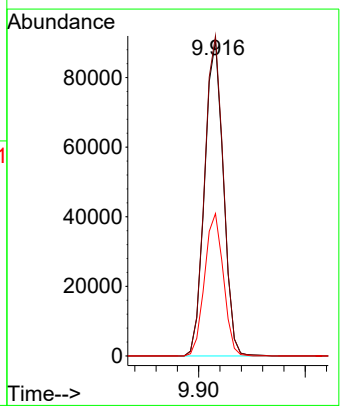


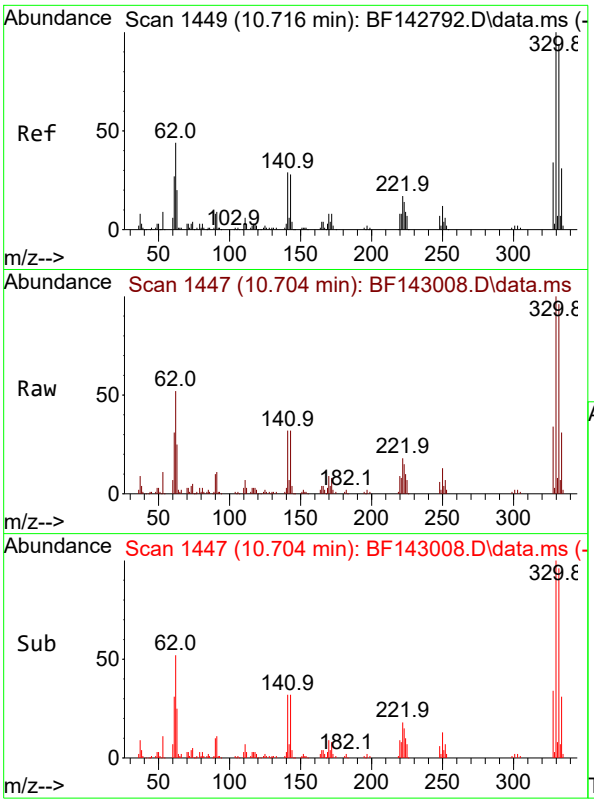


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Tgt Ion:164 Resp: 110534

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.8
160	45.2	36.0	54.0



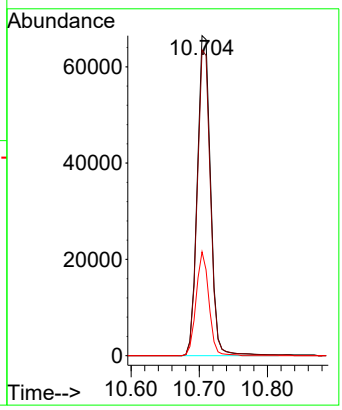


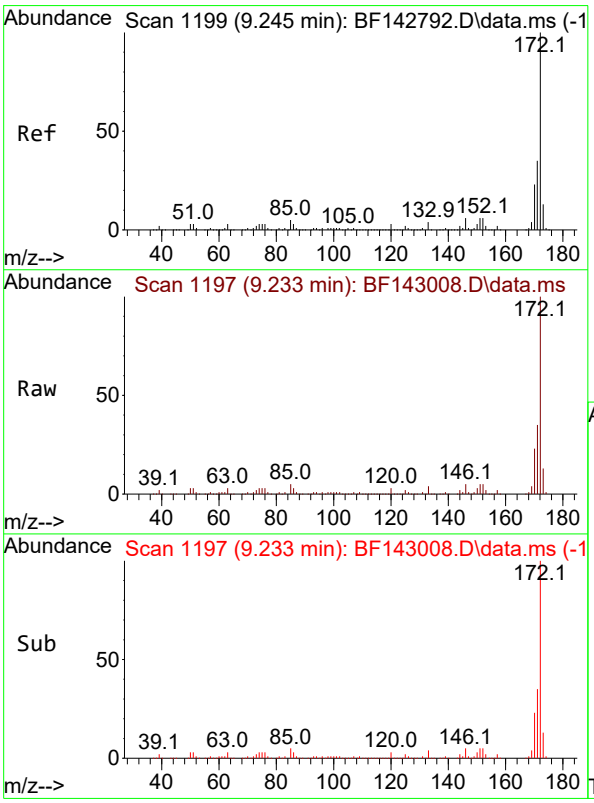
#42
2,4,6-Tribromophenol
Concen: 79.370 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Tgt Ion:330 Resp: 90281

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.0	112.6
141	30.9	25.3	37.9

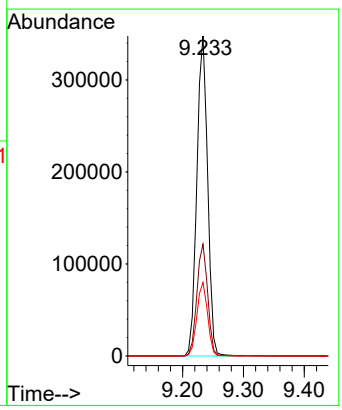


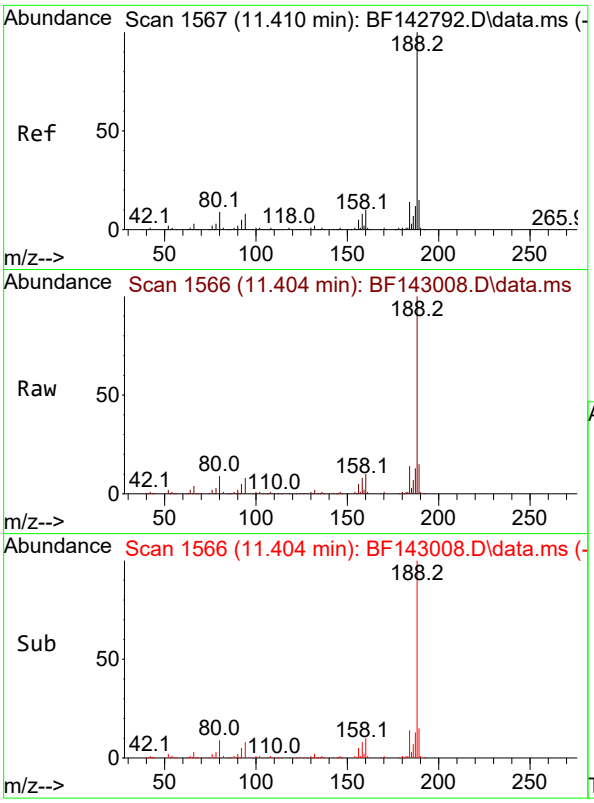


#45
2-Fluorobiphenyl
Concen: 50.846 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Tgt Ion:172 Resp: 427824

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	22.9	18.5	27.7



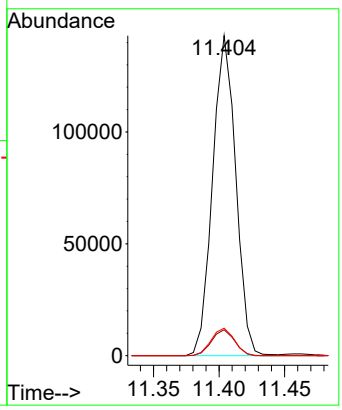


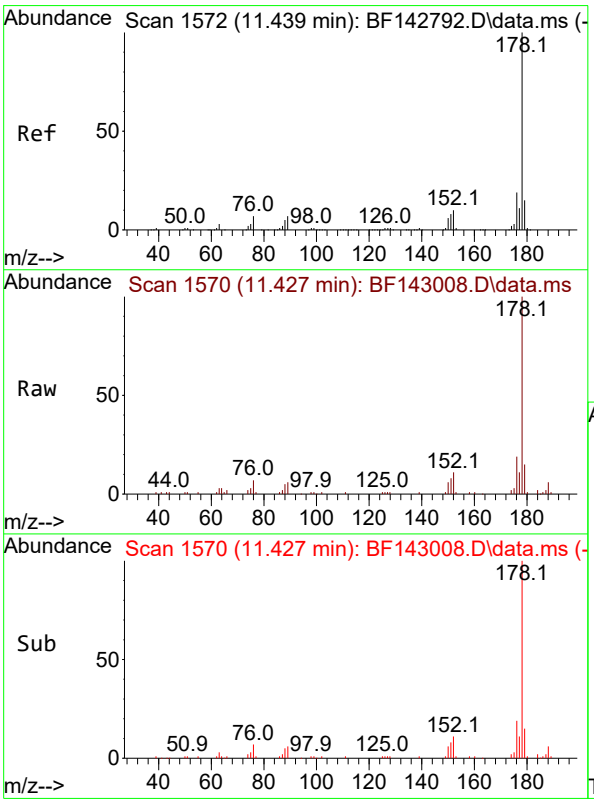
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Tgt Ion:188 Resp: 175777

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.6	6.9	10.3

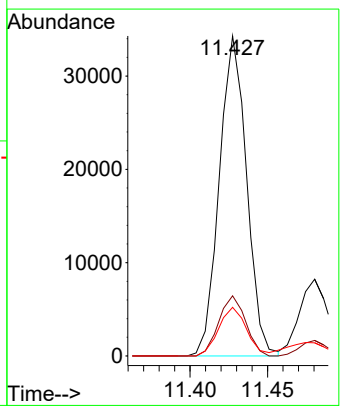


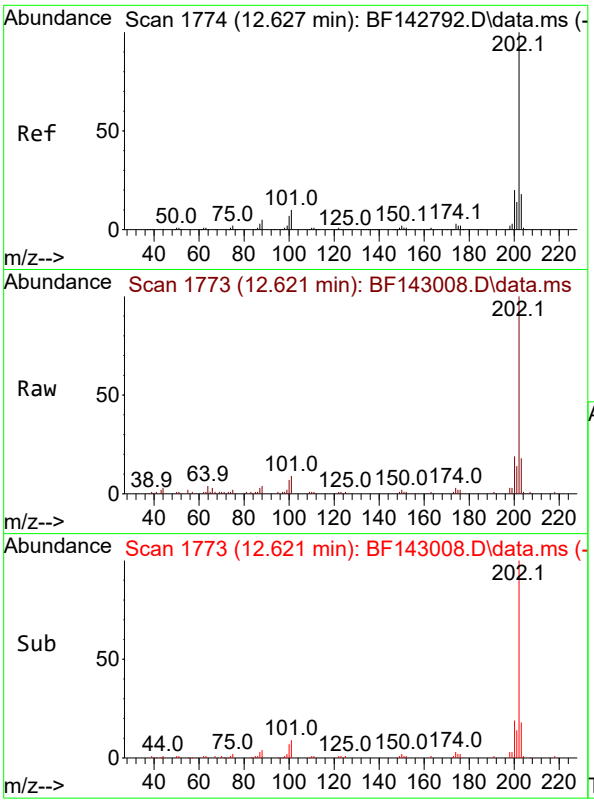


#71
Phenanthrene
Concen: 4.408 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Tgt Ion:178 Resp: 41976

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.2	12.0	18.0



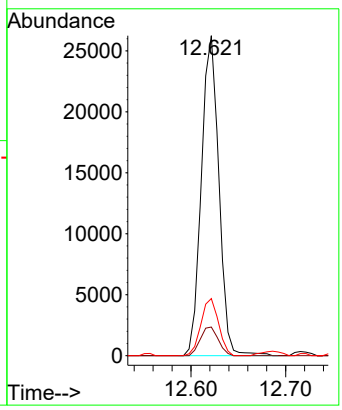


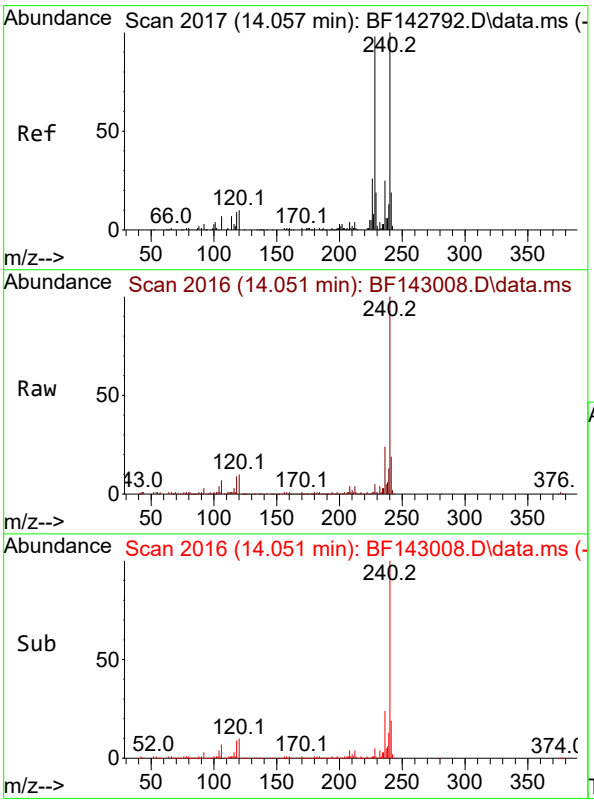
#75
Fluoranthene
Concen: 3.730 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Tgt Ion:202 Resp: 33704

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.7
203	17.8	0.0	37.5

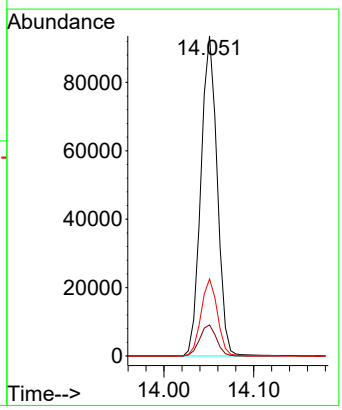


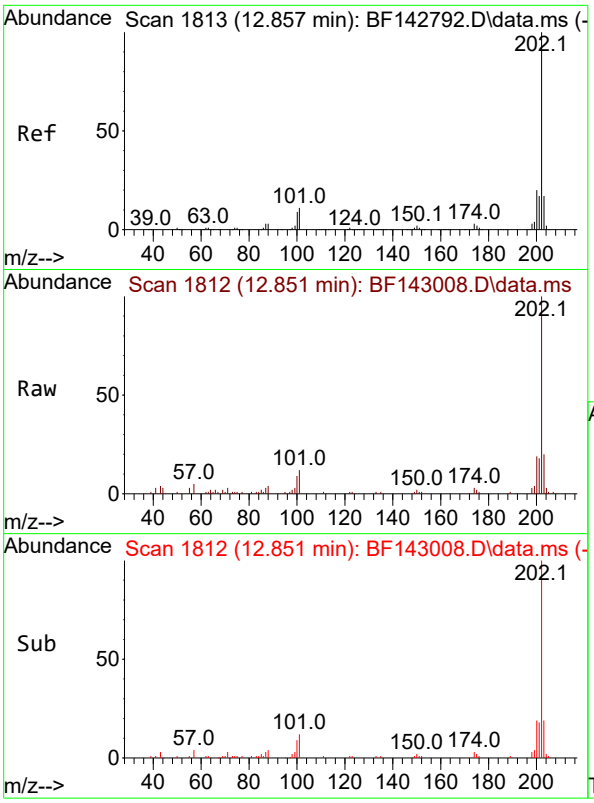


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Tgt Ion:240 Resp: 118055

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.2	12.2
236	24.0	19.8	29.8



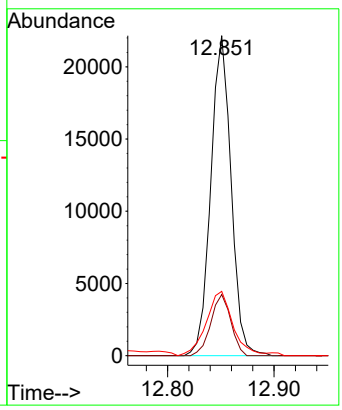


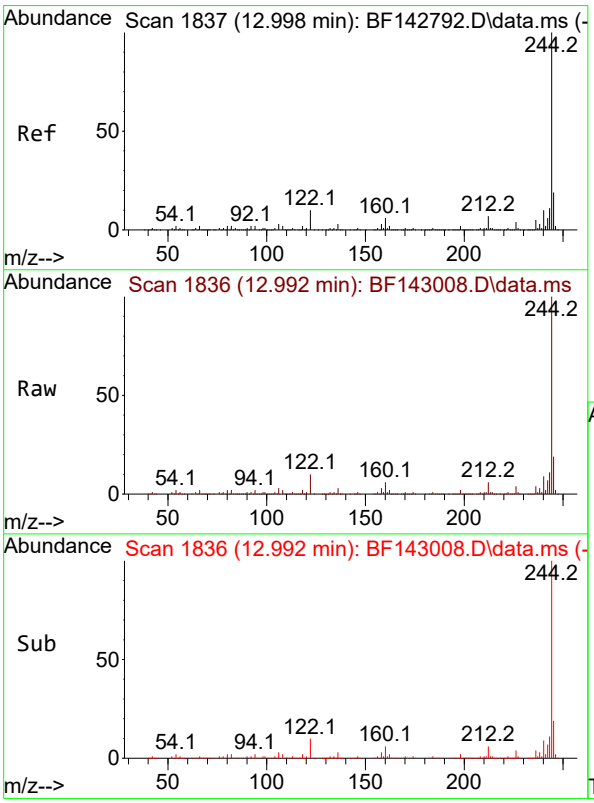
#78
Pyrene
Concen: 2.652 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Tgt Ion:202 Resp: 29348

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.7	23.5
203	20.1	13.8	20.6

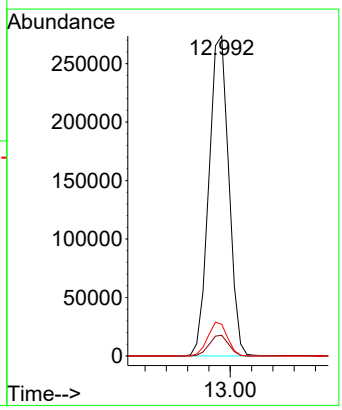


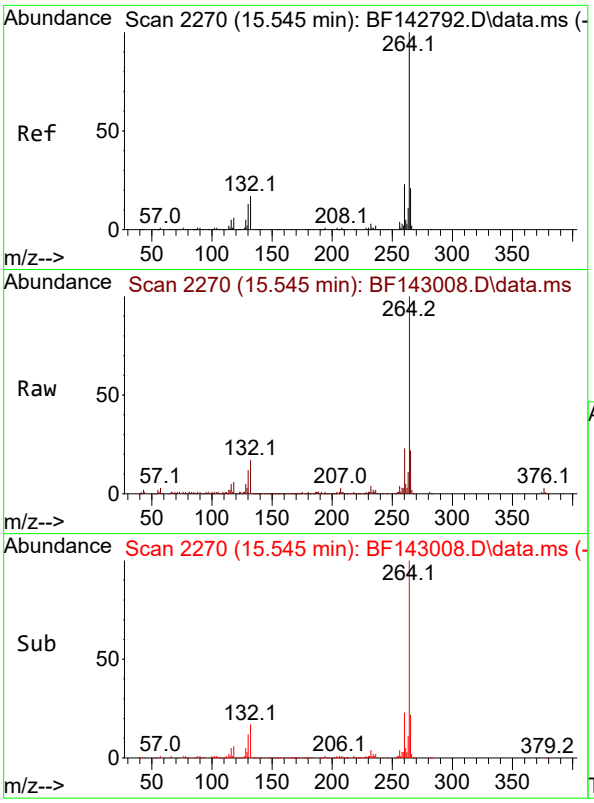


#79
Terphenyl-d14
Concen: 41.557 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Tgt Ion:244 Resp: 355071

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.9	8.2	12.2



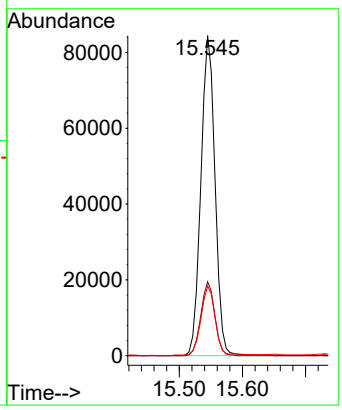


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143008.D
Acq: 07 Jul 2025 14:47

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Tgt Ion:264 Resp: 131217

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.1	27.1
265	21.8	16.6	25.0



Sample Results: **BF143008.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143008.D
Acq On : 07 Jul 2025 14:47
Operator : RC/JU
Sample : Q2487-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143008.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	487	492	507	rVB	65216	98478	8.36%	1.137%
2	5.498	556	562	580	rBV	703791	960629	81.54%	11.091%
3	6.504	727	733	752	rBV	718392	940130	79.80%	10.854%
4	6.875	791	796	801	rBV	264194	330137	28.02%	3.812%
5	7.434	886	891	910	rBV	476582	613936	52.11%	7.088%
6	8.157	1009	1014	1025	rBV	342118	449942	38.19%	5.195%
7	9.233	1191	1197	1202	rBV	960081	1178164	100.00%	13.602%
8	9.916	1308	1313	1317	rBV	372220	458741	38.94%	5.296%
9	9.945	1317	1318	1322	rVB	14784	12261	1.04%	0.142%
10	10.463	1401	1406	1413	rBV	12945	16307	1.38%	0.188%
11	10.627	1428	1434	1442	rVB	118519	147193	12.49%	1.699%
12	10.704	1442	1447	1462	rBV	508727	659801	56.00%	7.618%
13	11.404	1561	1566	1575	rBV2	341208	512412	43.49%	5.916%
14	11.480	1575	1579	1584	rVB	16711	21692	1.84%	0.250%
15	11.927	1648	1655	1663	rBV3	61467	120545	10.23%	1.392%
16	12.022	1667	1671	1680	rVB2	11834	22943	1.95%	0.265%
17	12.621	1768	1773	1781	rBV	58056	77355	6.57%	0.893%
18	12.851	1805	1812	1819	rBV	51447	76806	6.52%	0.887%
19	12.992	1830	1836	1844	rVB	710406	936186	79.46%	10.809%
20	13.210	1870	1873	1877	rVB	10608	12485	1.06%	0.144%
21	13.557	1928	1932	1936	rBV	8501	11957	1.01%	0.138%
22	13.886	1983	1988	2001	rVB	62676	115005	9.76%	1.328%
23	14.051	2010	2016	2029	rVB	259794	368103	31.24%	4.250%
24	14.204	2038	2042	2048	rBV	10192	17306	1.47%	0.200%
25	14.504	2089	2093	2102	rBV	24765	52109	4.42%	0.602%
26	14.810	2141	2145	2150	rVB3	13659	24133	2.05%	0.279%
27	15.110	2192	2196	2202	rBV	19501	39497	3.35%	0.456%
28	15.480	2256	2259	2264	rVB	17372	24880	2.11%	0.287%
29	15.545	2265	2270	2279	rVB	231141	362319	30.75%	4.183%

Sum of corrected areas: 8661452

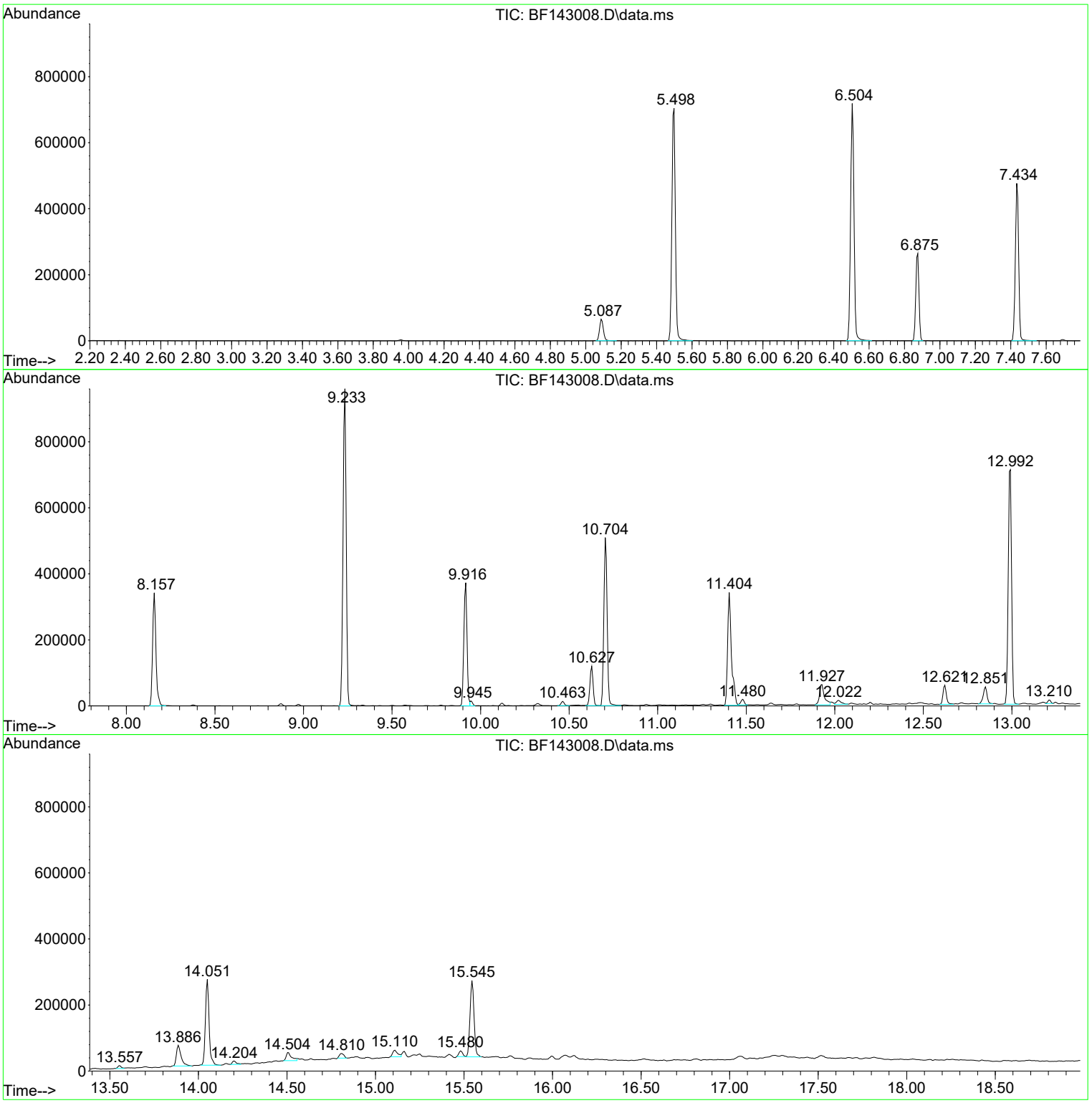
Sample Results: **BF143008.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143008.D
Acq On : 07 Jul 2025 14:47
Operator : RC/JU
Sample : Q2487-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143008.D
Acq On : 07 Jul 2025 14:47
Operator : RC/JU
Sample : Q2487-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

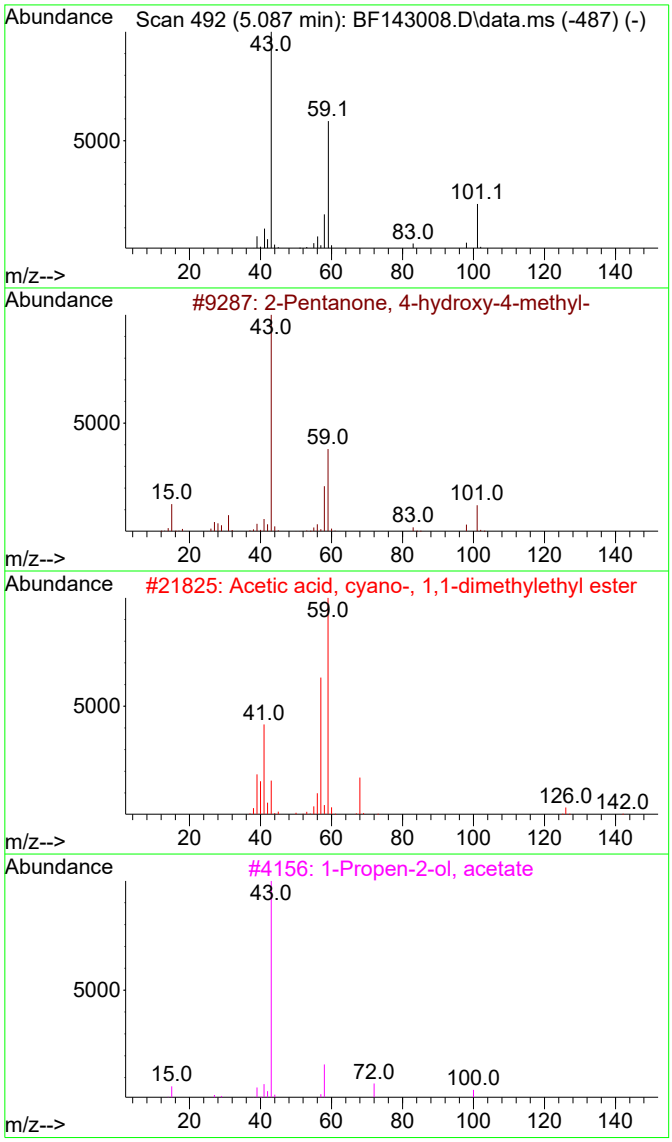
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

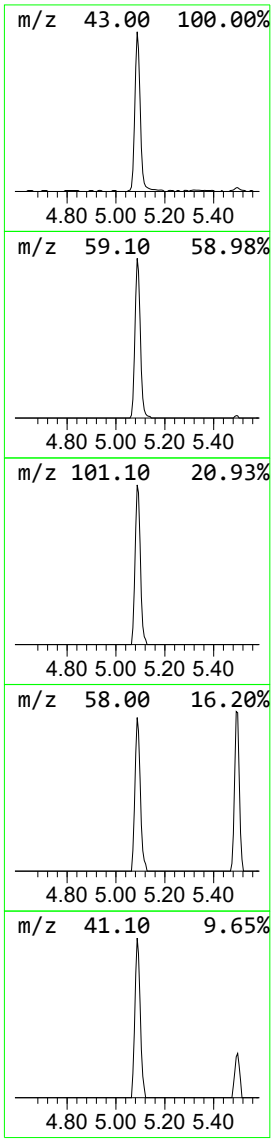
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	5.97 ng	98478	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Sample Results: **BF143008.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143008.D
Acq On : 07 Jul 2025 14:47
Operator : RC/JU
Sample : Q2487-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

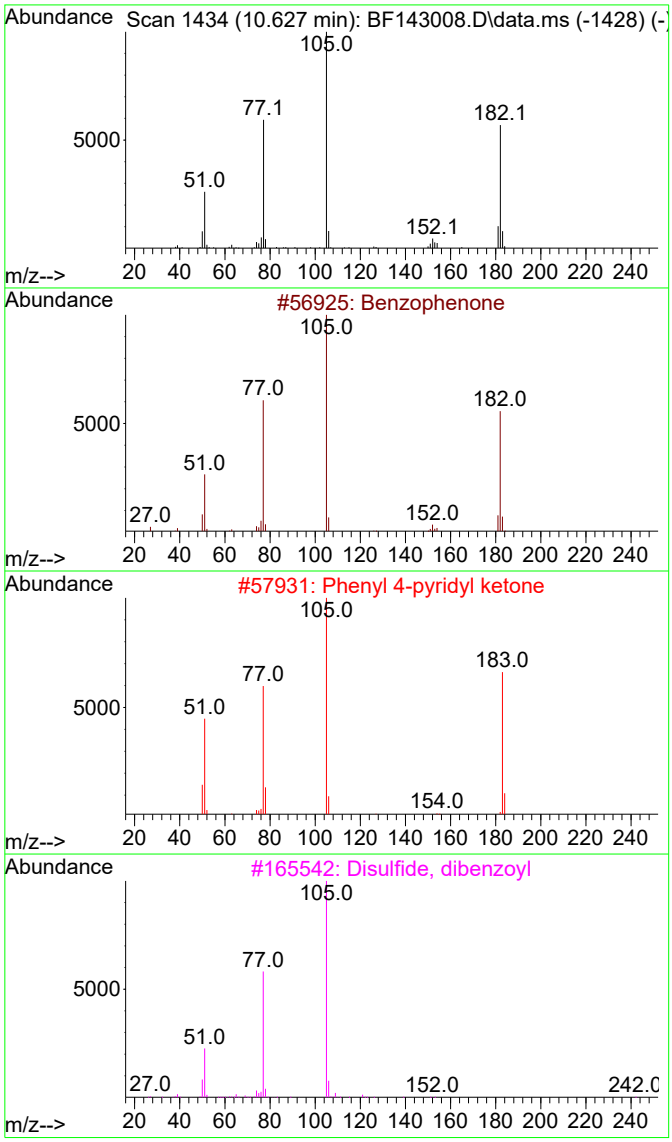
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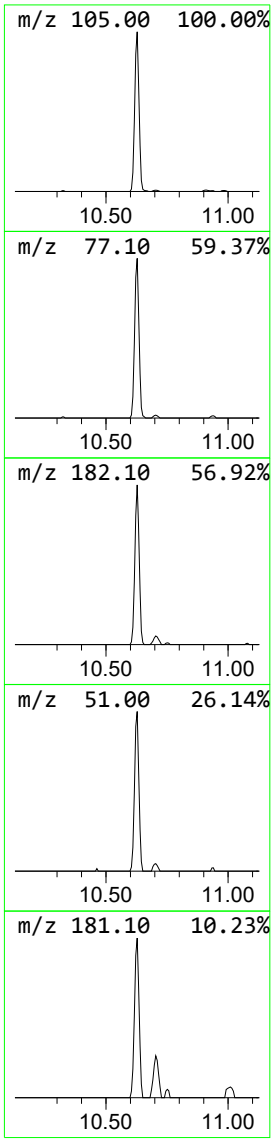
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Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	6.42 ng	147193	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5	Benzoyl bromide	184	C7H5BrO	000618-32-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143008.D
Acq On : 07 Jul 2025 14:47
Operator : RC/JU
Sample : Q2487-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

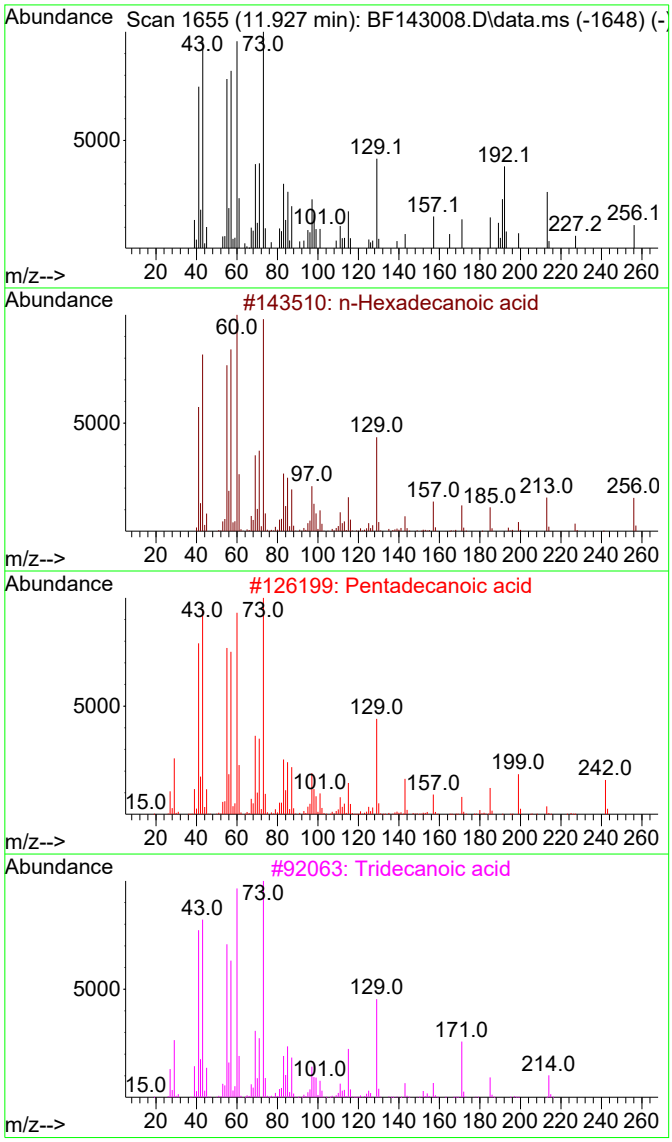
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

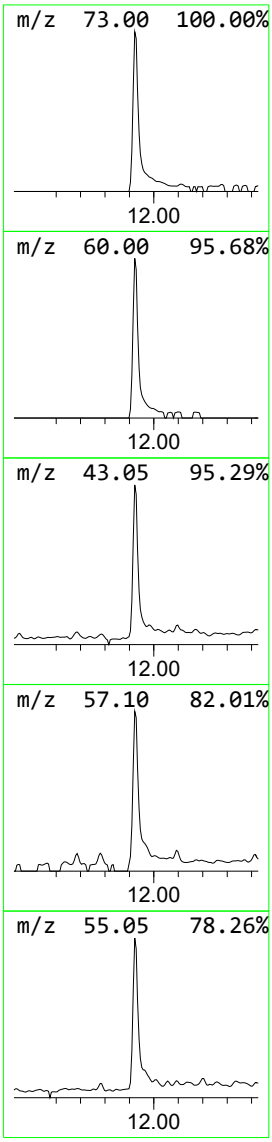
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	4.71 ng	120545	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Trehalose	342	C12H22O11	000099-20-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143008.D
Acq On : 07 Jul 2025 14:47
Operator : RC/JU
Sample : Q2487-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

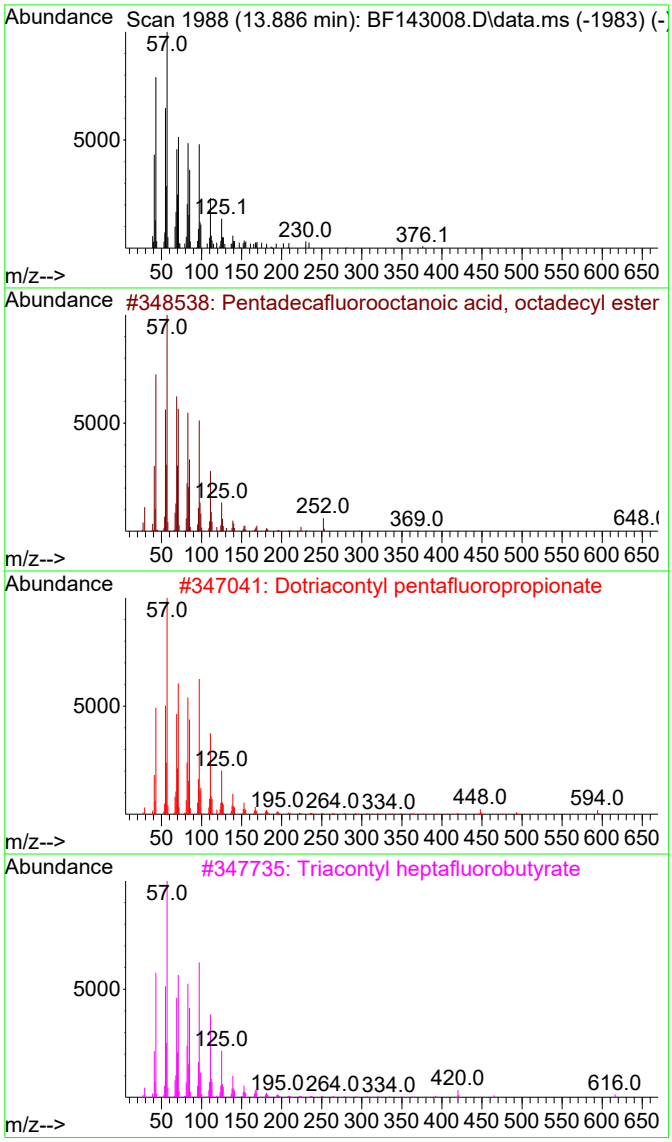
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

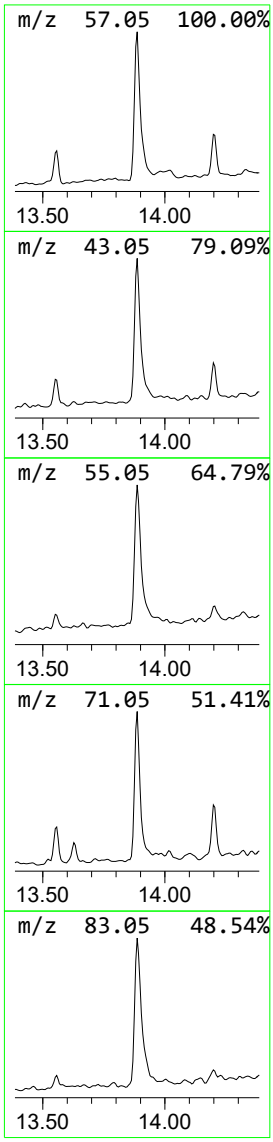
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	6.25 ng	115005	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1010351-81-4	91
3	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	91
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
5	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143008.D
Acq On : 07 Jul 2025 14:47
Operator : RC/JU
Sample : Q2487-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

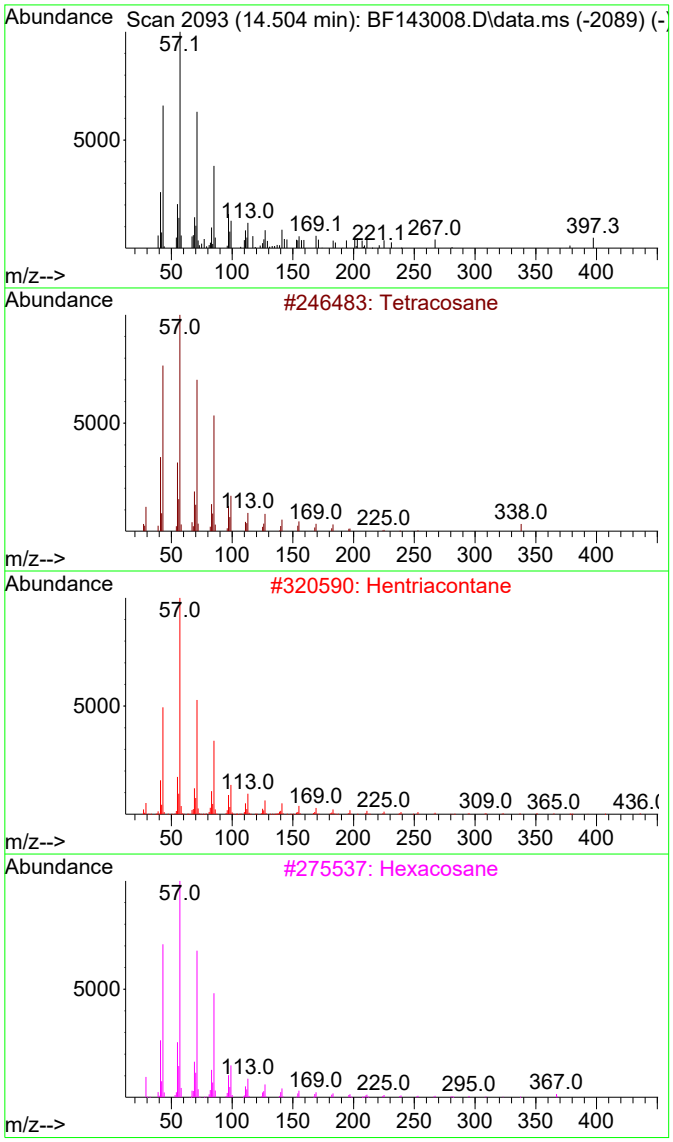
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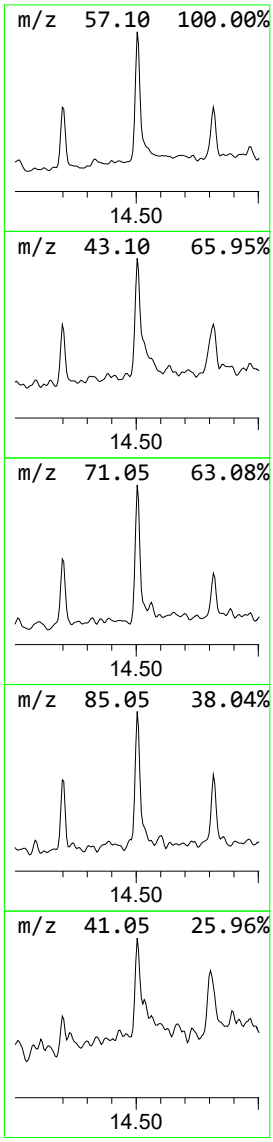
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Peak Number 5 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	2.83 ng	52109	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Hentriacontane	437	C31H64	000630-04-6	83
3	Hexacosane	366	C26H54	000630-01-3	83
4	Tricosane	324	C23H48	000638-67-5	83
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143008.D
Acq On : 07 Jul 2025 14:47
Operator : RC/JU
Sample : Q2487-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

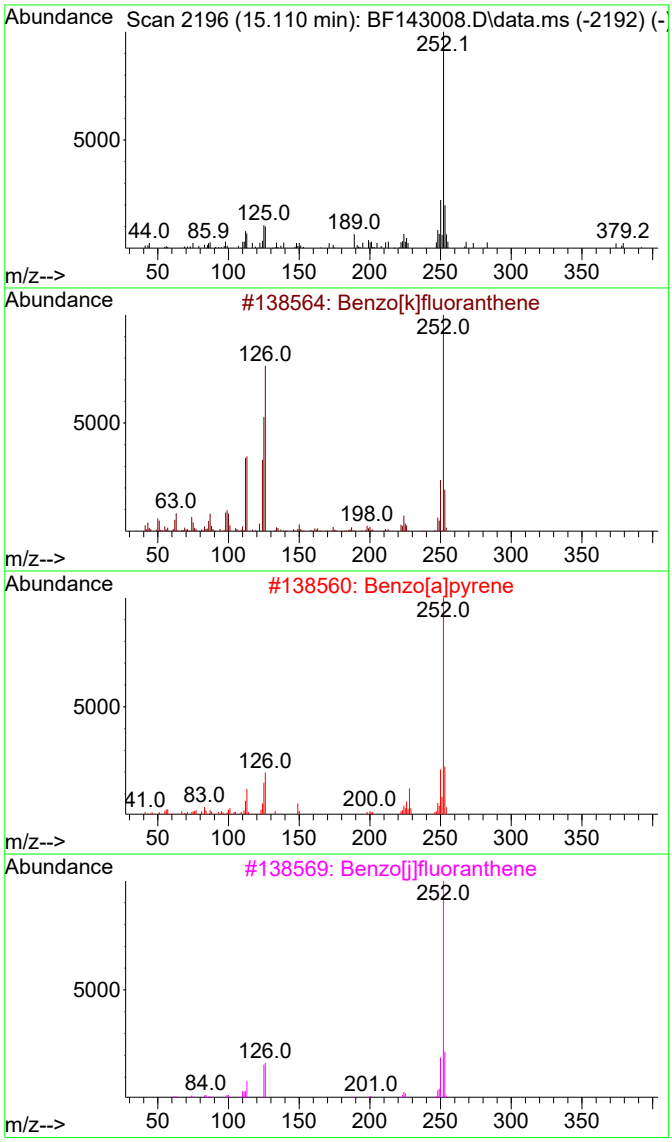
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

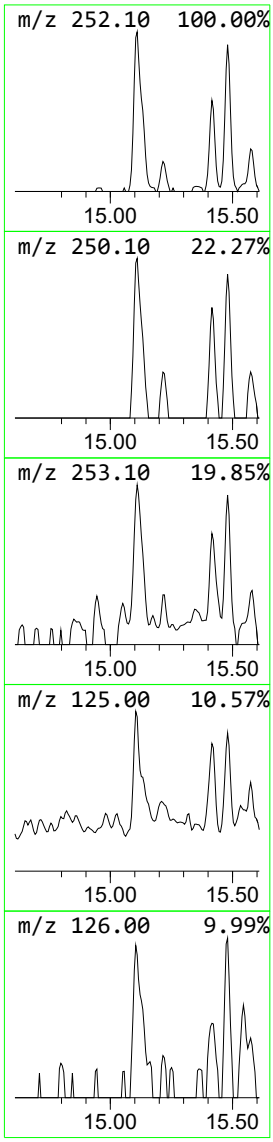
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Peak Number 6 Benzo[j]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	2.18 ng	39497	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
2	Benzo[a]pyrene	252	C20H12	000050-32-8	68
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	68
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	68
5	Benzo[e]pyrene	252	C20H12	000192-97-2	68





Sample Results: **BF143008.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143008.D
Acq On : 07 Jul 2025 14:47
Operator : RC/JU
Sample : Q2487-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G3(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.087	6.0	ng	98478	1	6.875	330137	20.0
Benzophenone	10.628	6.4	ng	147193	3	9.916	458741	20.0
n-Hexadecanoic ...	11.927	4.7	ng	120545	4	11.404	512412	20.0
Pentadecafluoro...	13.886	6.3	ng	115005	5	14.051	368103	20.0
Tetracosane	14.504	2.8	ng	52109	5	14.051	368103	20.0
Benzo[j]fluoran...	15.110	2.2	ng	39497	6	15.545	362319	20.0

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.8
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
BF143063.D	2	07/03/25 09:00	07/09/25 18:31	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	350	U	350	730	ug/Kg
108-95-2	Phenol	49.2	U	49.2	380	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.0	U	54.0	380	ug/Kg
95-57-8	2-Chlorophenol	54.3	U	54.3	380	ug/Kg
95-48-7	2-Methylphenol	66.5	U	66.5	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	83.4	U	83.4	380	ug/Kg
98-86-2	Acetophenone	65.6	U	65.6	380	ug/Kg
65794-96-9	3+4-Methylphenols	91.4	U	91.4	730	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110	U	110	180	ug/Kg
67-72-1	Hexachloroethane	39.1	U	39.1	380	ug/Kg
98-95-3	Nitrobenzene	40.7	U	40.7	380	ug/Kg
78-59-1	Isophorone	73.0	U	73.0	380	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	380	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	380	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	68.5	U	68.5	380	ug/Kg
120-83-2	2,4-Dichlorophenol	62.9	U	62.9	380	ug/Kg
91-20-3	Naphthalene	50.5	U	50.5	380	ug/Kg
106-47-8	4-Chloroaniline	78.7	U	78.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	56.3	U	56.3	380	ug/Kg
105-60-2	Caprolactam	120	U	120	730	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63.8	U	63.8	380	ug/Kg
91-57-6	2-Methylnaphthalene	56.9	U	56.9	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	730	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.0	U	44.0	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64.7	U	64.7	380	ug/Kg
92-52-4	1,1-Biphenyl	48.5	U	48.5	380	ug/Kg
91-58-7	2-Chloronaphthalene	50.0	U	50.0	380	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	380	ug/Kg
131-11-3	Dimethylphthalate	60.3	U	60.3	380	ug/Kg

Raw Data: **BF143063.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.8
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
BF143063.D	2	07/03/25 09:00	07/09/25 18:31	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	64.3	U	64.3	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	74.7	U	74.7	380	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	380	ug/Kg
83-32-9	Acenaphthene	360	J	47.4	380	ug/Kg
51-28-5	2,4-Dinitrophenol	510	U	510	730	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	730	ug/Kg
132-64-9	Dibenzofuran	220	J	50.5	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	380	ug/Kg
84-66-2	Diethylphthalate	62.9	U	62.9	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.4	U	59.4	380	ug/Kg
86-73-7	Fluorene	380		56.3	380	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	730	ug/Kg
86-30-6	n-Nitrosodiphenylamine	73.2	U	73.2	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61.8	U	61.8	380	ug/Kg
118-74-1	Hexachlorobenzene	56.3	U	56.3	380	ug/Kg
1912-24-9	Atrazine	75.6	U	75.6	380	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	730	ug/Kg
85-01-8	Phenanthrene	5100		46.5	380	ug/Kg
120-12-7	Anthracene	1300		74.1	380	ug/Kg
86-74-8	Carbazole	460		69.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	380	ug/Kg
206-44-0	Fluoranthene	10900	E	66.7	380	ug/Kg
129-00-0	Pyrene	5200		80.1	380	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	81.6	U	81.6	730	ug/Kg
56-55-3	Benzo(a)anthracene	4800		51.2	380	ug/Kg
218-01-9	Chrysene	3700		44.3	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	380	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	730	ug/Kg
205-99-2	Benzo(b)fluoranthene	6100	E	42.3	380	ug/Kg

Raw Data: **BF143063.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.8
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
BF143063.D	2	07/03/25 09:00	07/09/25 18:31	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2100		49.8	380	ug/Kg
50-32-8	Benzo(a)pyrene	3900		65.6	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		64.7	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	440		60.9	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		57.2	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.9	U	56.9	380	ug/Kg
123-91-1	1,4-Dioxane	100	U	100	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60.9	U	60.9	380	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	63.2		18 - 112	42%	SPK: 150
13127-88-3	Phenol-d6	63.4		15 - 107	42%	SPK: 150
4165-60-0	Nitrobenzene-d5	40.9		18 - 107	41%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.7		20 - 109	46%	SPK: 100
118-79-6	2,4,6-Tribromophenol	44.3		10 - 116	30%	SPK: 150
1718-51-0	Terphenyl-d14	30.8		10 - 105	31%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	53500	6.869			
1146-65-2	Naphthalene-d8	192000	8.157			
15067-26-2	Acenaphthene-d10	87800	9.91			
1517-22-2	Phenanthrene-d10	125000	11.404			
1719-03-5	Chrysene-d12	131000	14.057			
1520-96-3	Perylene-d12	102000	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
Total PAH	Total PAH	47300	J		9.95	ug/Kg
000119-61-9	Benzophenone	340	J		10.6	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	150	J		11.9	ug/Kg
000832-69-9	Phenanthrene, 1-methyl-	220	J		11.9	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	400	J		12.0	ug/Kg
033543-31-6	Fluoranthene, 2-methyl-	180	J		13.1	ug/Kg
000243-17-4	11H-Benzo[b]fluorene	290	J		13.2	ug/Kg

Raw Data: **BF143063.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.8
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
BF143063.D	2	07/03/25 09:00	07/09/25 18:31	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
002381-21-7	Pyrene, 1-methyl-	210	J		13.3	ug/Kg
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	190	J		13.8	ug/Kg
	unknown13.857	180	J		13.9	ug/Kg
000479-79-8	11H-Benzo[a]fluoren-11-one	150	J		13.9	ug/Kg
002498-76-2	Benz[a]anthracene, 2-methyl-	170	J		14.4	ug/Kg
000477-75-8	9,10[1,2]-Benzenoanthracene, 9,1	540	J		14.9	ug/Kg
037574-47-3	Benzo(a)pyrene 4,5-oxide	360	J		15.3	ug/Kg
000192-97-2	Benzo[e]pyrene	2700	J		15.4	ug/Kg
000213-46-7	Picene	490	J		17.2	ug/Kg
000215-58-7	Benzo[b]triphenylene	330	J		17.3	ug/Kg
000191-26-4	Dibenzo[def,mno]chrysene	750	J		17.8	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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Time: Jul 10 00:56:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

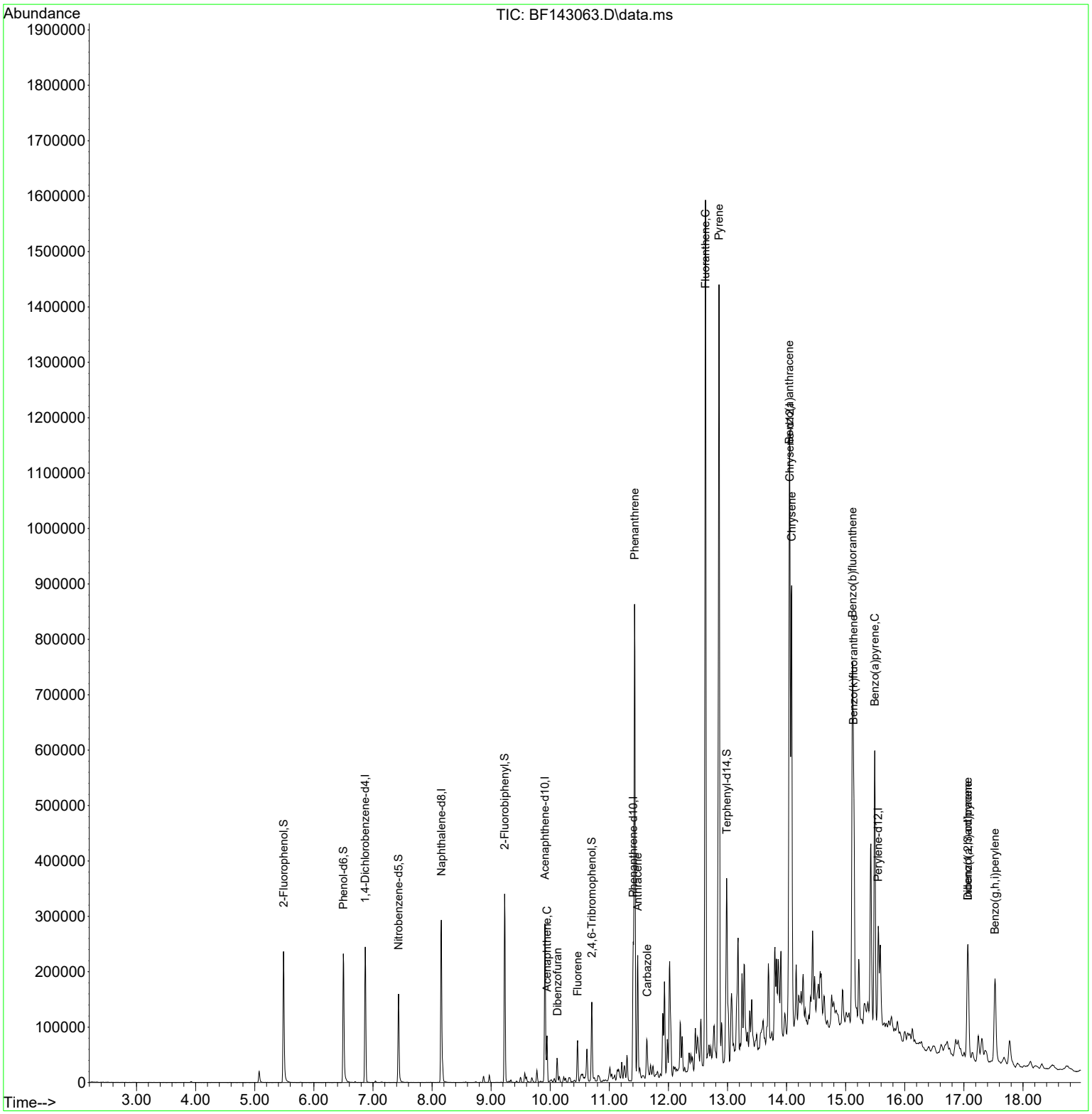
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	53547	20.000	ng		-0.01
21) Naphthalene-d8	8.157	136	191945	20.000	ng		-0.01
39) Acenaphthene-d10	9.910	164	87788	20.000	ng		-0.01
64) Phenanthrene-d10	11.404	188	125484	20.000	ng		0.00
76) Chrysene-d12	14.057	240	131113	20.000	ng		0.00
86) Perylene-d12	15.551	264	102046	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	101567	31.580	ng		0.00
7) Phenol-d6	6.498	99	120208	31.680	ng		-0.01
23) Nitrobenzene-d5	7.433	82	71601	20.461	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	20016	22.156	ng		-0.01
45) 2-Fluorobiphenyl	9.227	172	152568	22.830	ng		-0.02
79) Terphenyl-d14	12.986	244	146109	15.397	ng		-0.01
Target Compounds							Qvalue
52) Acenaphthene	9.945	154	25387	4.857	ng		95
55) Dibenzofuran	10.122	168	22470	2.998	ng		98
58) Fluorene	10.463	166	29648	5.065	ng		99
71) Phenanthrene	11.427	178	471057	69.299	ng		100
72) Anthracene	11.480	178	122517	17.574	ng		100
73) Carbazole	11.639	167	37240	6.190	ng		99
75) Fluoranthene	12.627	202	947686	146.902	ng		100
78) Pyrene	12.857	202	854954	69.566	ng		98
81) Benzo(a)anthracene	14.045	228	578291	65.381	ng		98
83) Chrysene	14.086	228	397747	50.395	ng		96
87) Indeno(1,2,3-cd)pyrene	17.068	276	149643	19.252	ng	#	94
88) Benzo(b)fluoranthene	15.115	252	482256m	81.671	ng		
89) Benzo(k)fluoranthene	15.133	252	155750m	28.193	ng		
90) Benzo(a)pyrene	15.492	252	302708	53.065	ng		98
91) Dibenzo(a,h)anthracene	17.068	278	37348m	5.914	ng		
92) Benzo(g,h,i)perylene	17.527	276	137189	21.784	ng		98

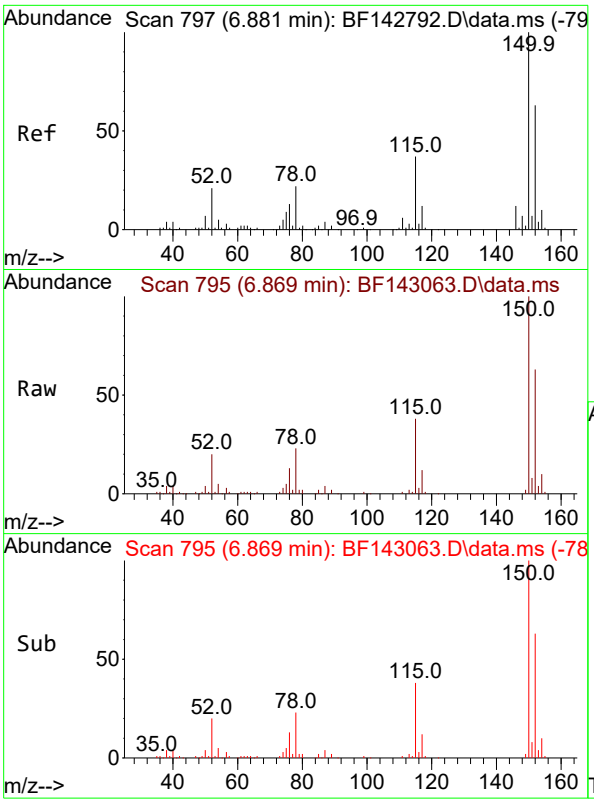
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Time: Jul 10 00:56:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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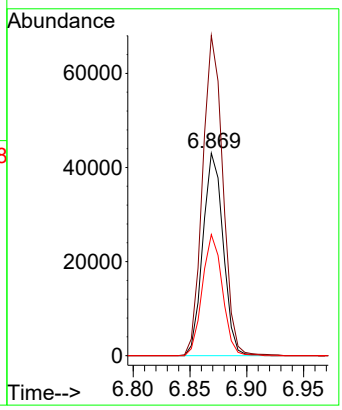


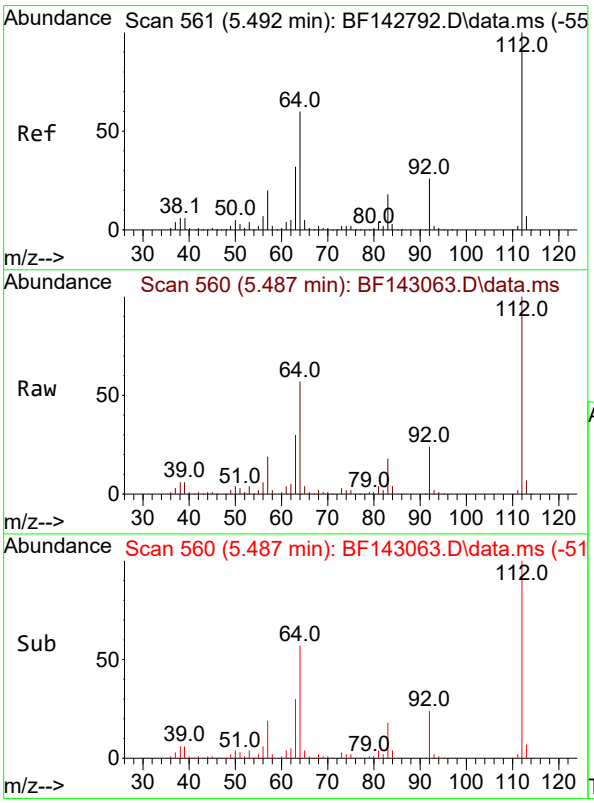
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion:152 Resp: 53547

Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.2	190.8
115	59.8	46.6	69.8

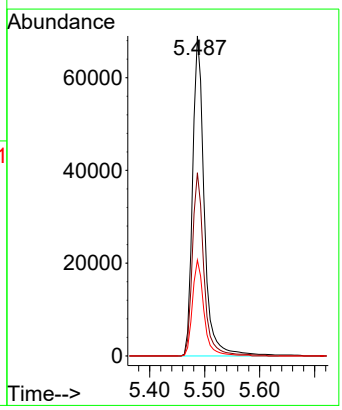


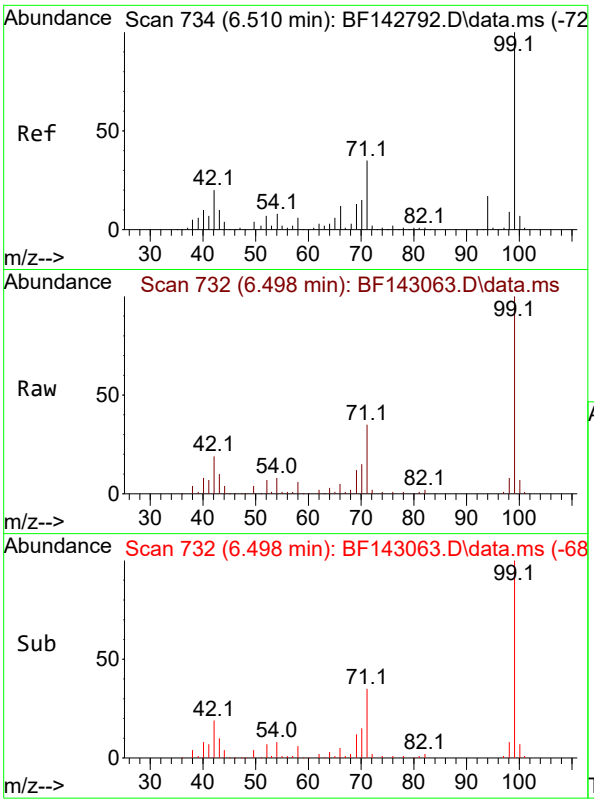


#5
2-Fluorophenol
Concen: 31.580 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.005 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:112 Resp: 101567

Ion	Ratio	Lower	Upper
112	100		
64	57.3	48.2	72.2
63	30.0	25.7	38.5



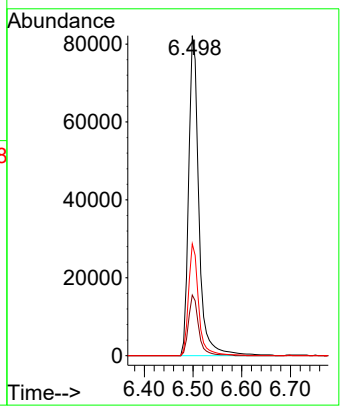


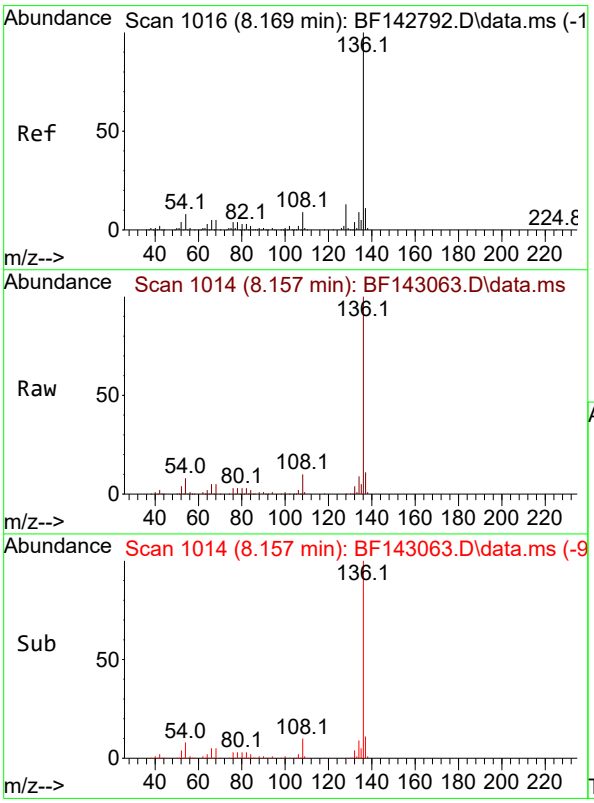
#7
Phenol-d6
Concen: 31.680 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion: 99 Resp: 120208

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.9	23.9
71	35.0	27.8	41.8

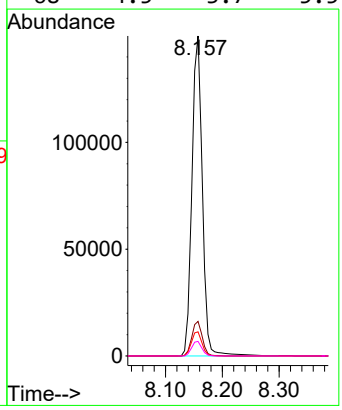


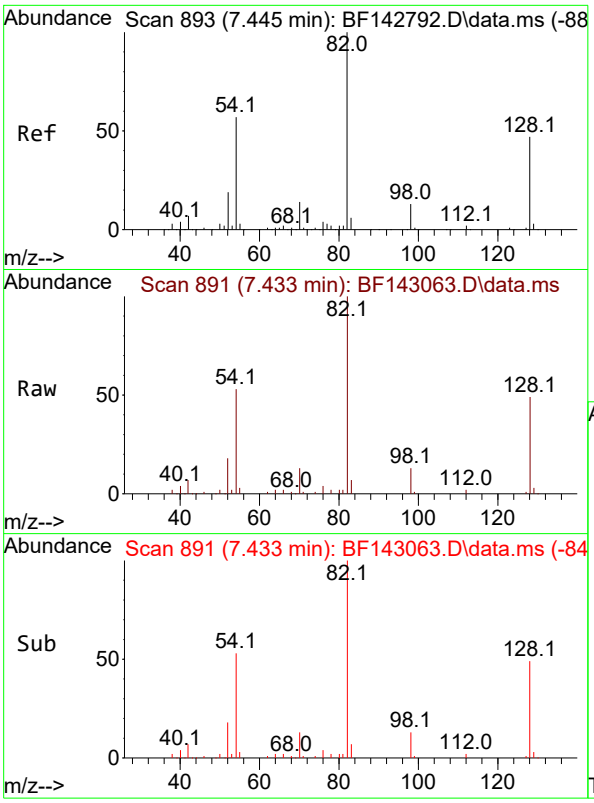


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:136 Resp: 191945

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.5	6.3	9.5
68	4.5	3.7	5.5



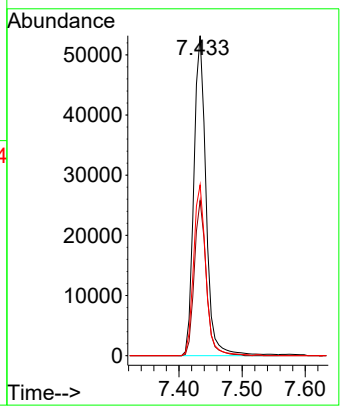


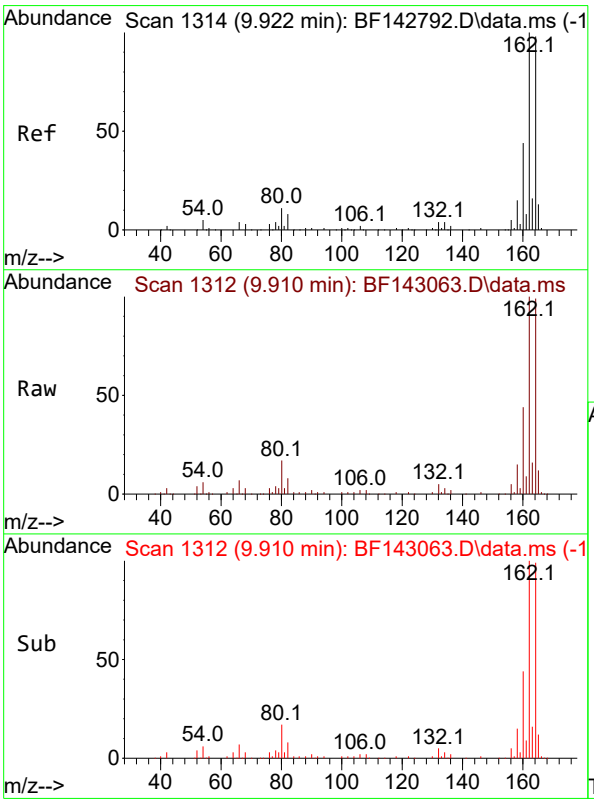
#23
Nitrobenzene-d5
Concen: 20.461 ng
RT: 7.433 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion: 82 Resp: 71601

Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.7	56.5
54	53.4	45.7	68.5

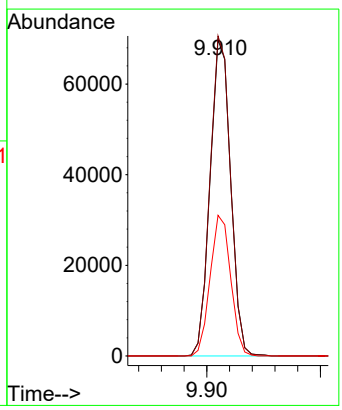


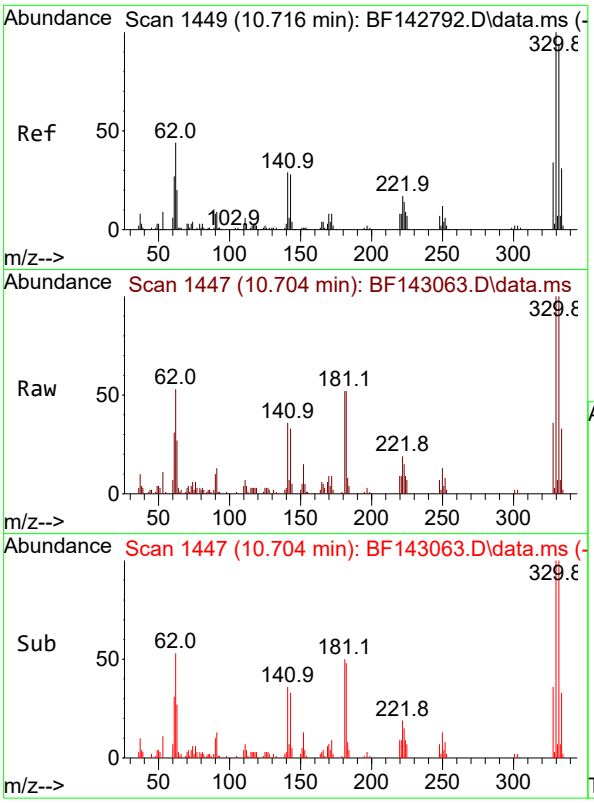


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:164 Resp: 87788

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.8
160	44.5	36.0	54.0



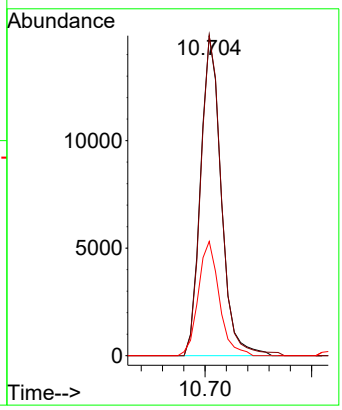


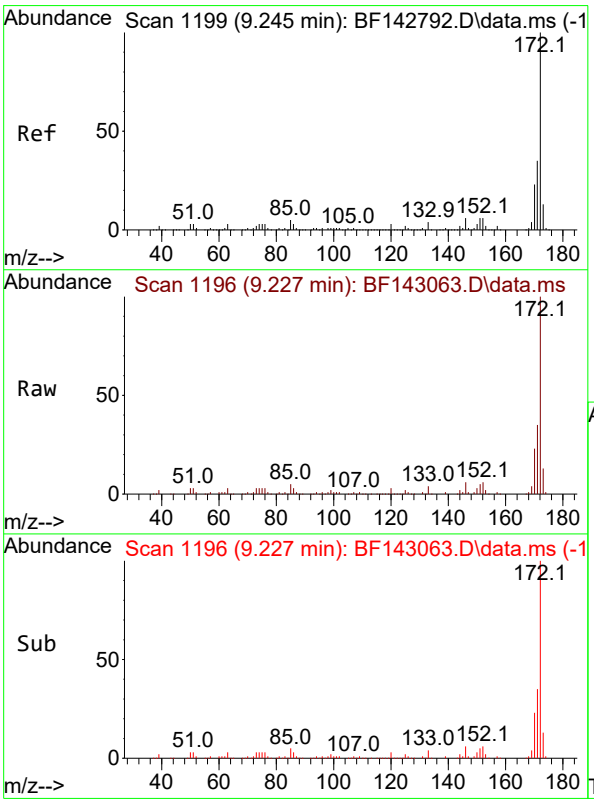
#42
2,4,6-Tribromophenol
Concen: 22.156 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion:330 Resp: 20016

Ion	Ratio	Lower	Upper
330	100		
332	99.7	75.0	112.6
141	36.3	25.3	37.9

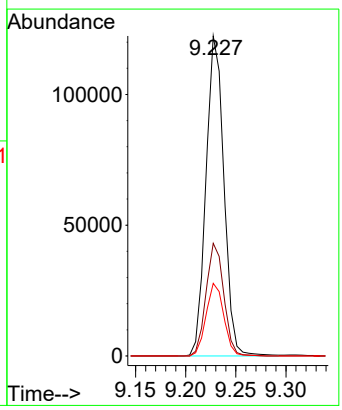


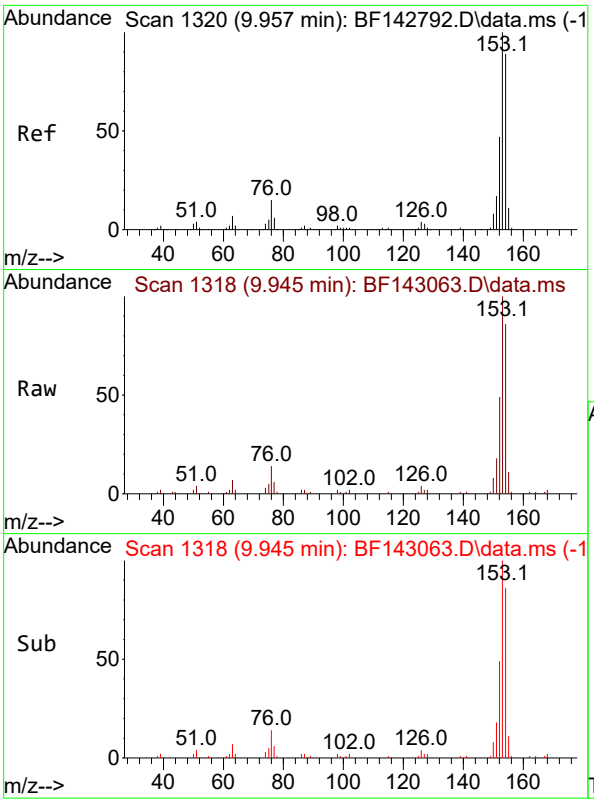


#45
2-Fluorobiphenyl
Concen: 22.830 ng
RT: 9.227 min Scan# 1196
Delta R.T. -0.018 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:172 Resp: 152568

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	22.7	18.5	27.7



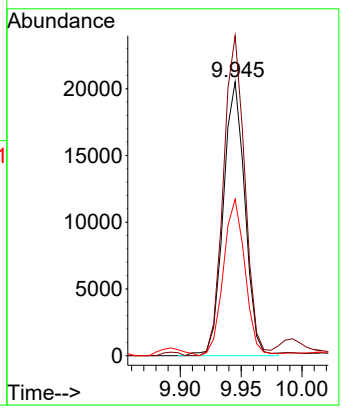


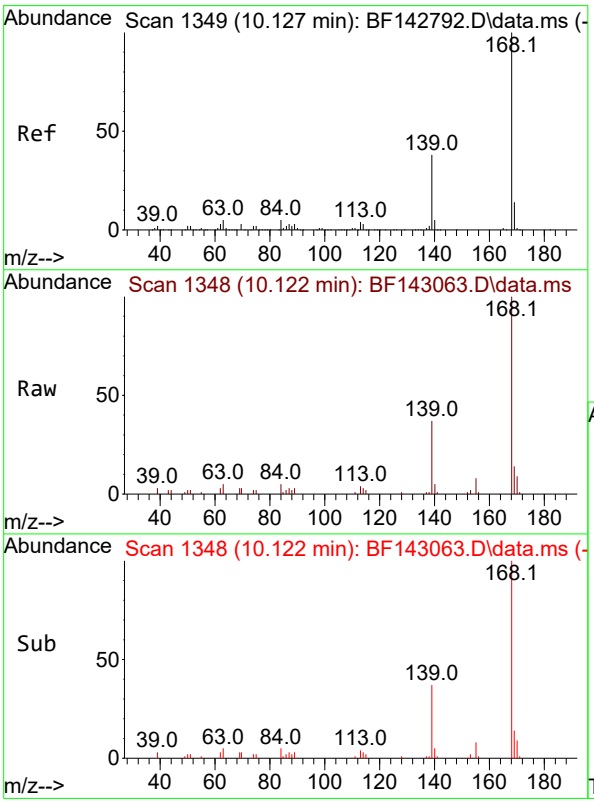
#52
Acenaphthene
Concen: 4.857 ng
RT: 9.945 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion:154 Resp: 25387

Ion	Ratio	Lower	Upper
154	100		
153	116.8	90.0	135.0
152	57.1	41.9	62.9

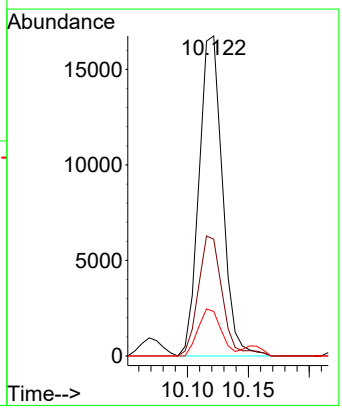


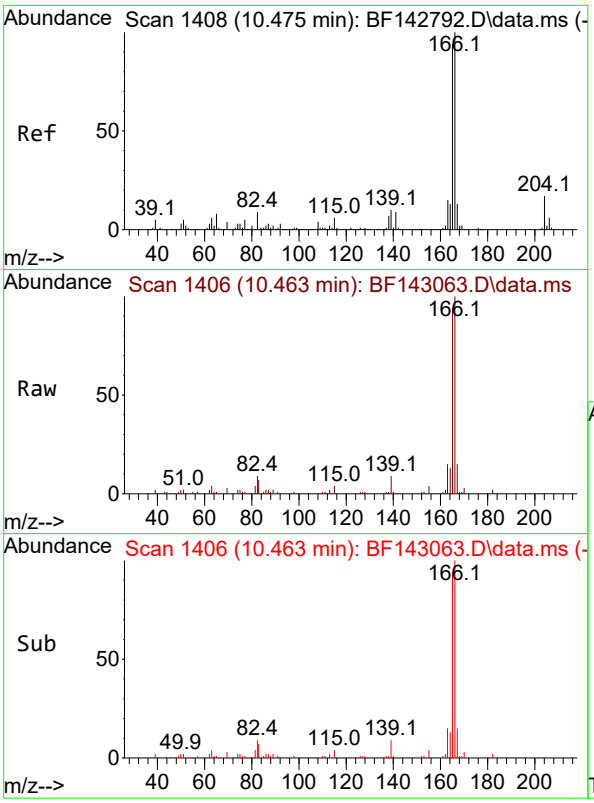


#55
Dibenzofuran
Concen: 2.998 ng
RT: 10.122 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:168 Resp: 22470

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.2	45.4
169	13.9	10.8	16.2



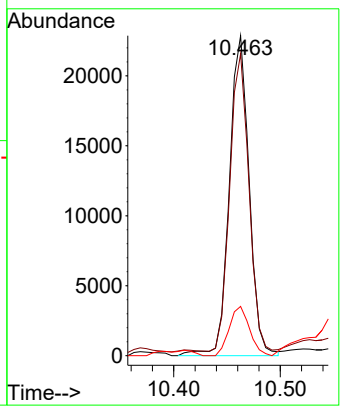


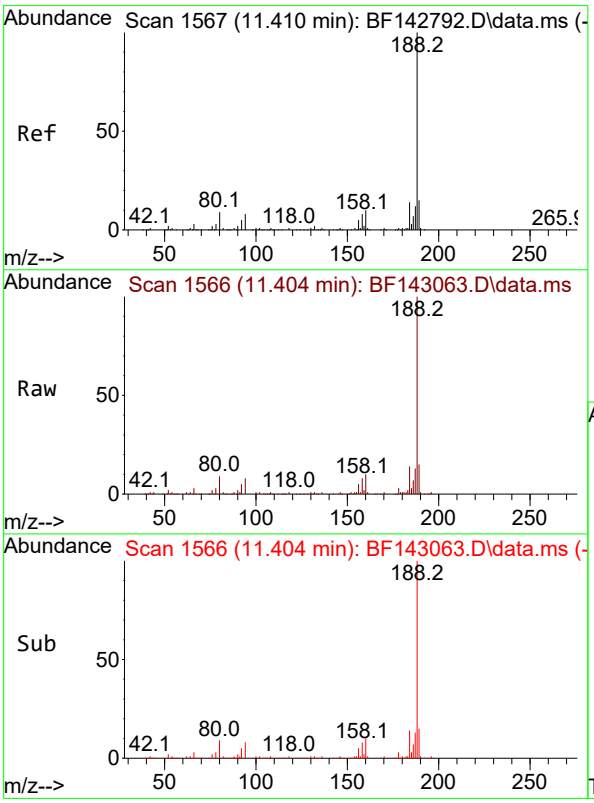
#58
Fluorene
Concen: 5.065 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion:166 Resp: 29648

Ion	Ratio	Lower	Upper
166	100		
165	94.3	75.2	112.8
167	15.4	10.6	15.8

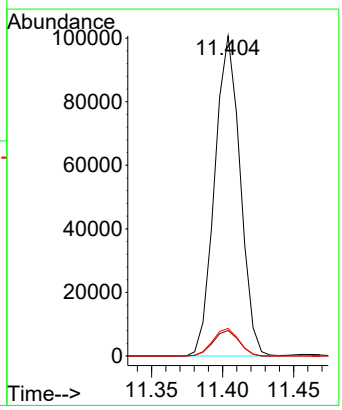


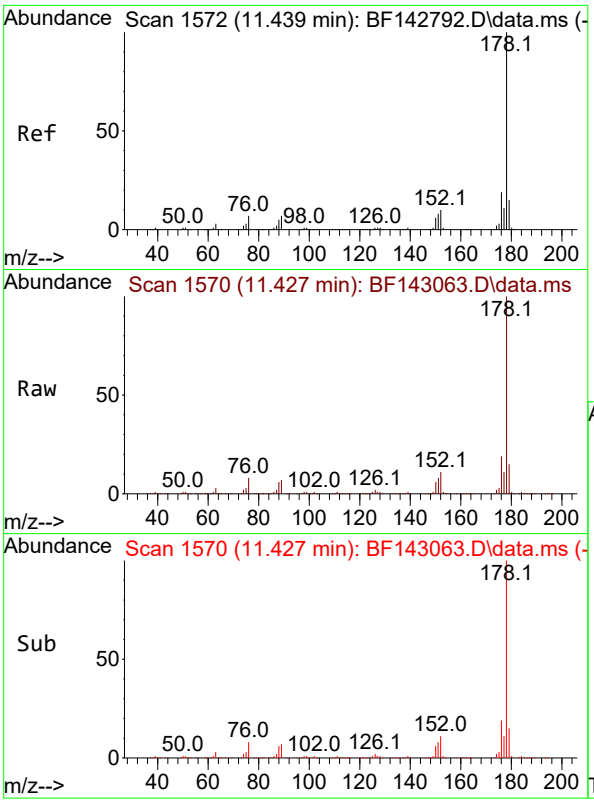


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:188 Resp: 125484

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.6	6.9	10.3



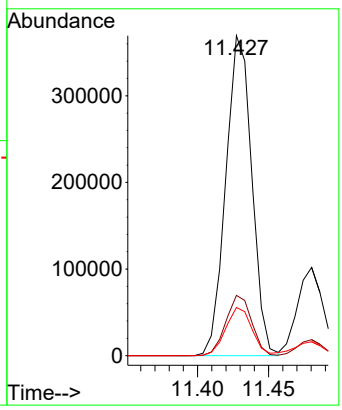


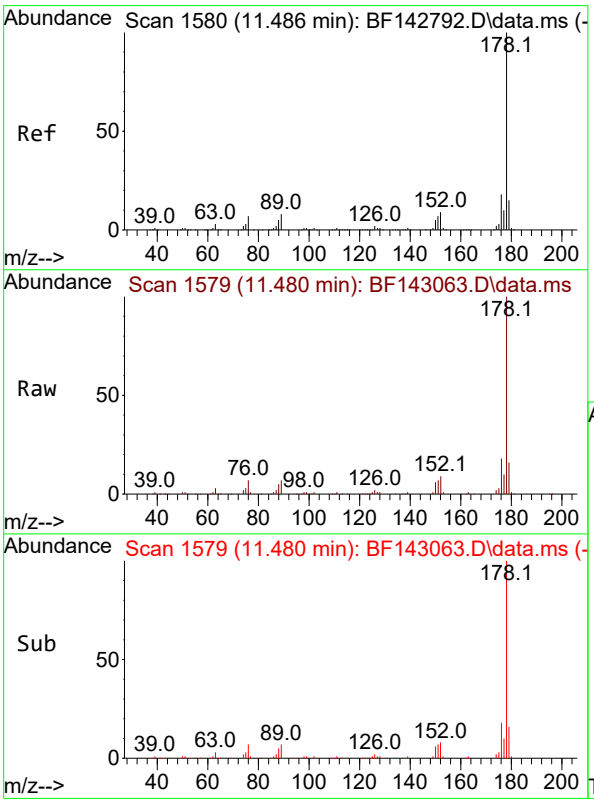
#71
Phenanthrene
Concen: 69.299 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion:178 Resp: 471057

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.0	12.0	18.0

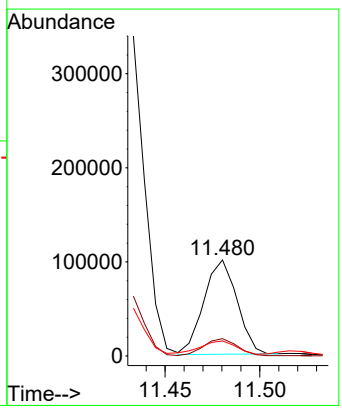


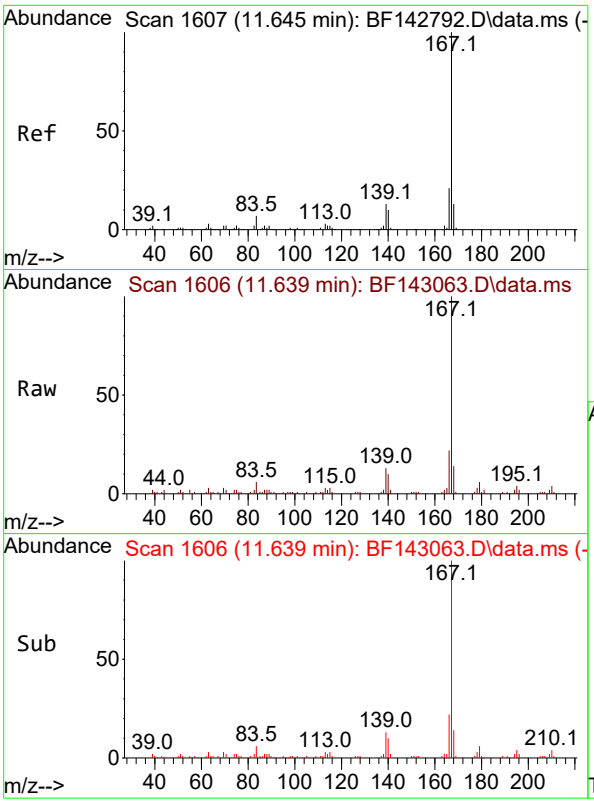


#72
Anthracene
Concen: 17.574 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:178 Resp: 122517

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.7	12.4	18.6



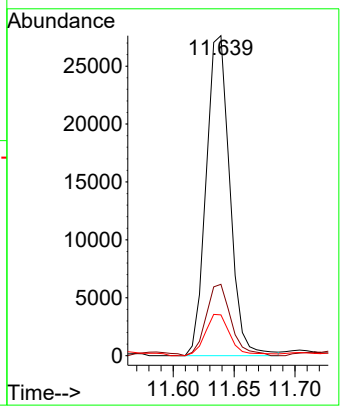


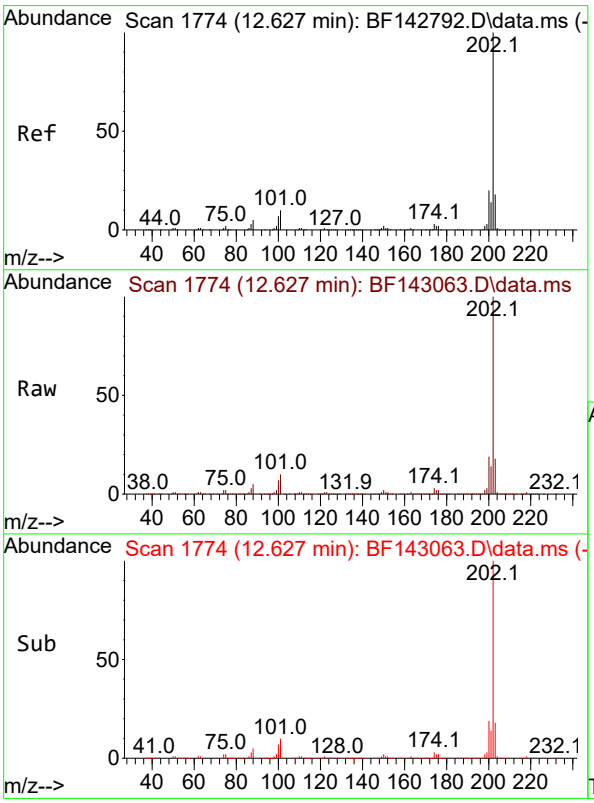
#73
Carbazole
Concen: 6.190 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion:167 Resp: 37240

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.0	25.4
139	12.8	10.2	15.2

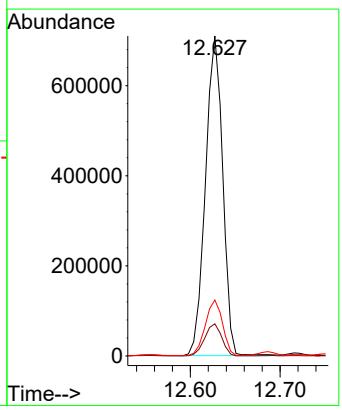


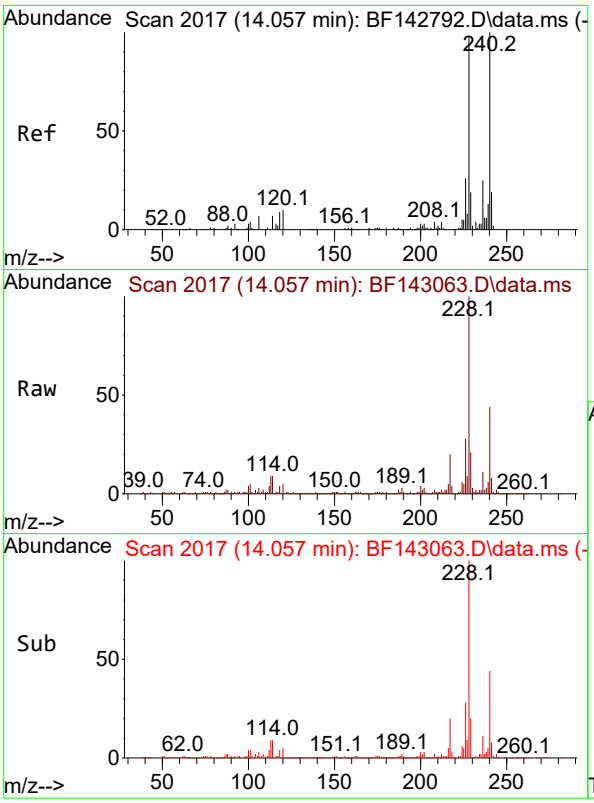


#75
Fluoranthene
Concen: 146.902 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:202 Resp: 947686

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.7
203	17.5	0.0	37.5



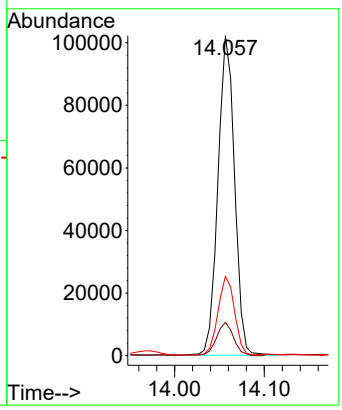


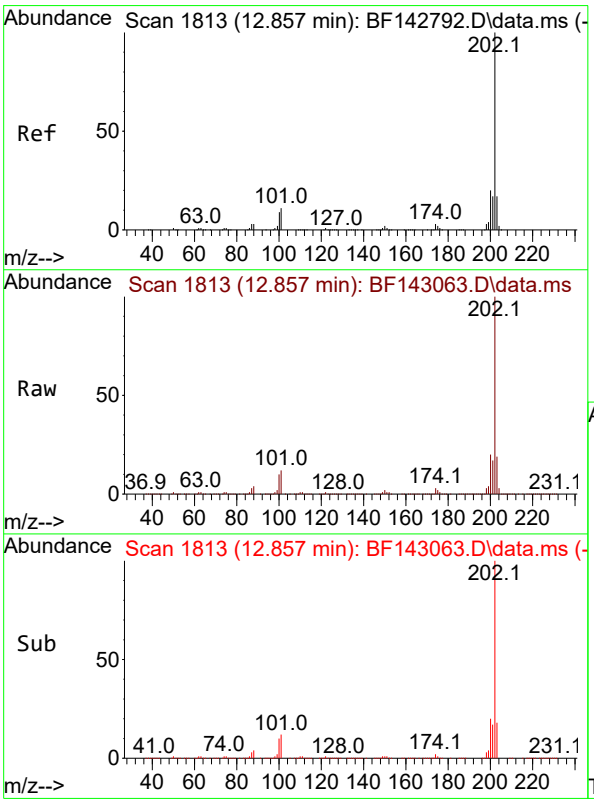
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion:240 Resp: 131113

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.2	12.2
236	24.8	19.8	29.8

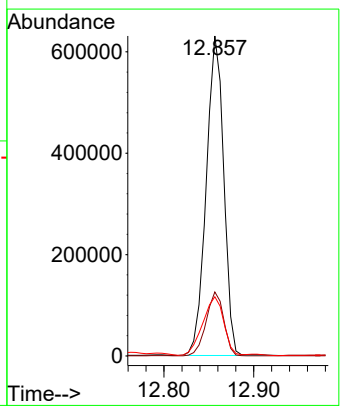


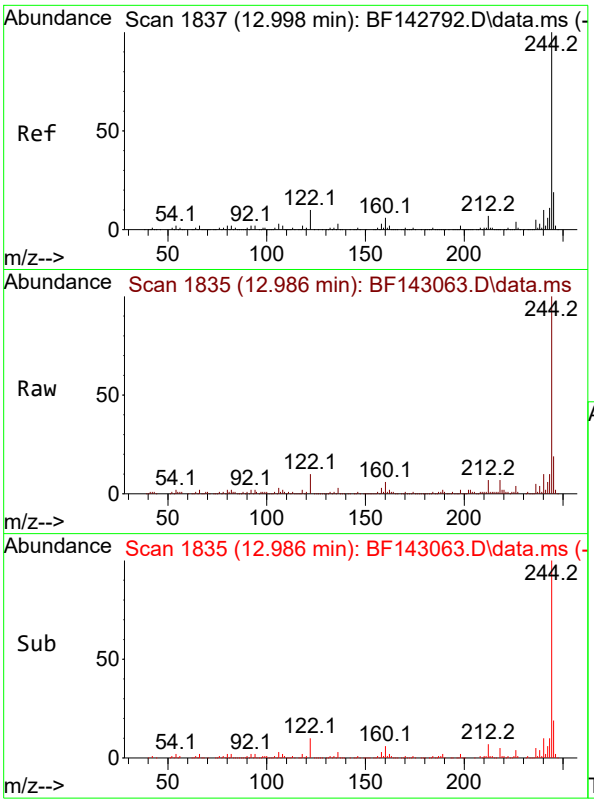


#78
Pyrene
Concen: 69.566 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:202 Resp: 854954

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	18.5	13.8	20.6



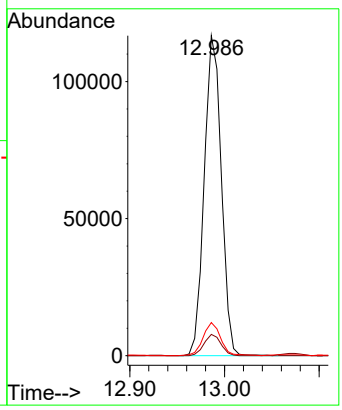


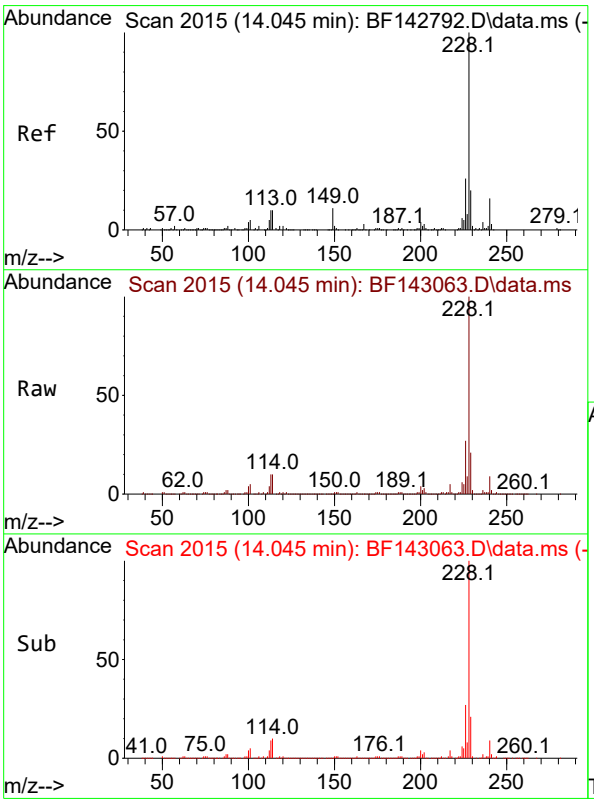
#79
Terphenyl-d14
Concen: 15.397 ng
RT: 12.986 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion:244 Resp: 146109

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.4	8.2	12.2

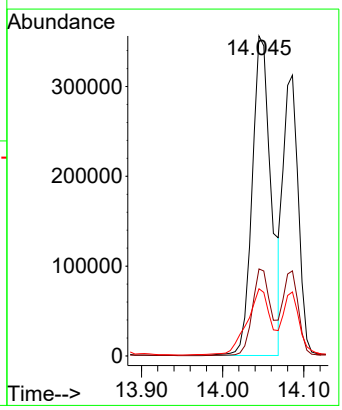


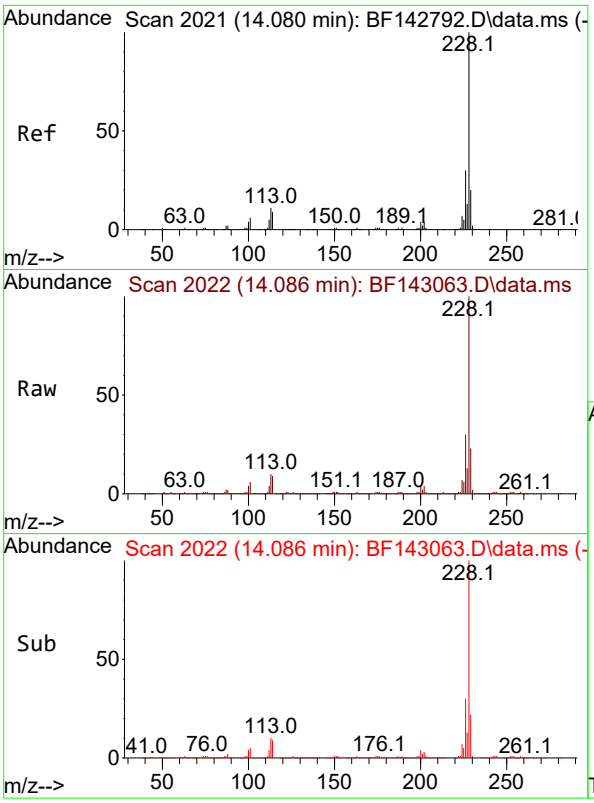


#81
Benzo(a)anthracene
Concen: 65.381 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:228 Resp: 578291

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	21.0	15.6	23.4



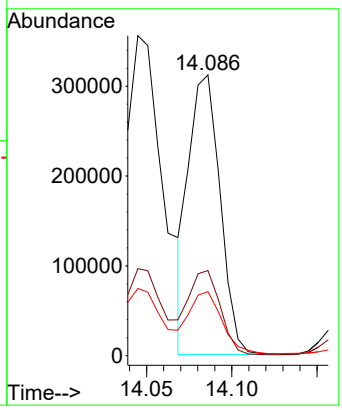


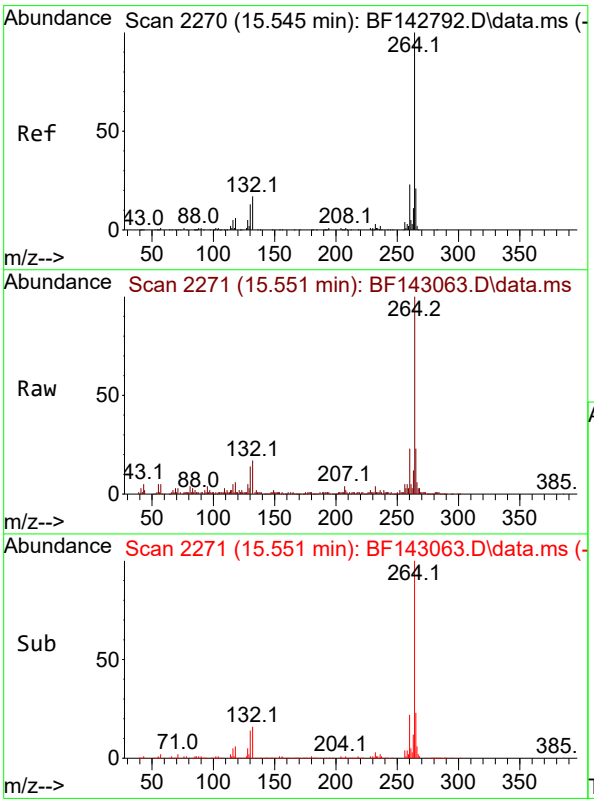
#83
Chrysene
Concen: 50.395 ng
RT: 14.086 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion:228 Resp: 397747

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	22.8	15.7	23.5

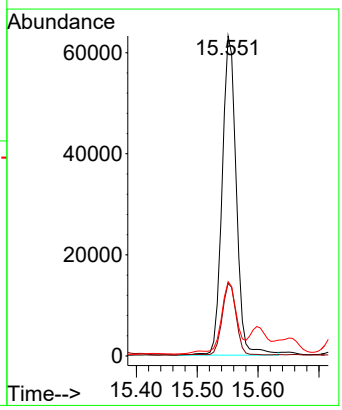


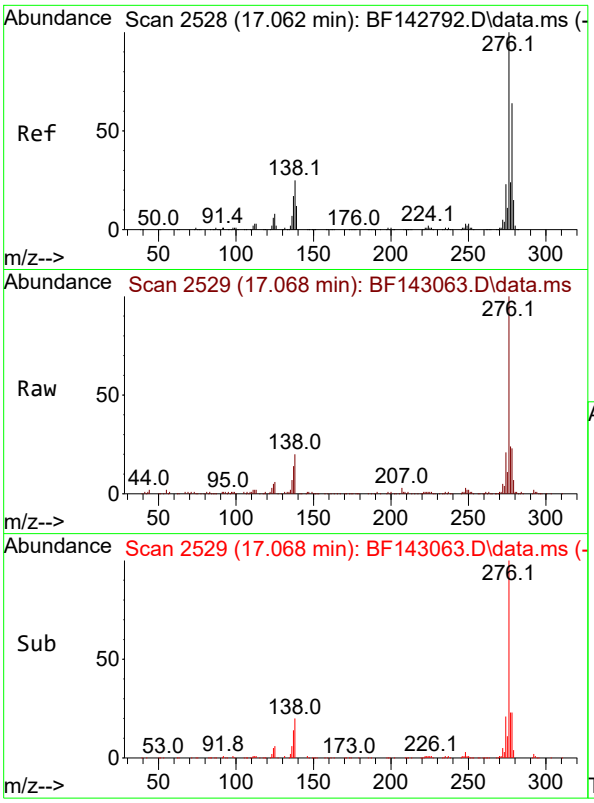


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:264 Resp: 102046

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.1	27.1
265	23.2	16.6	25.0



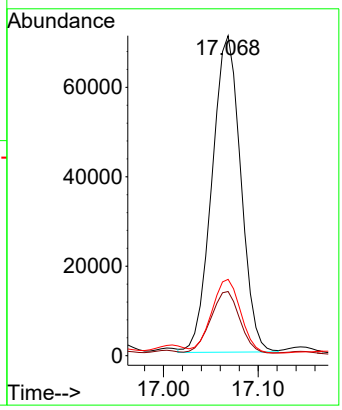


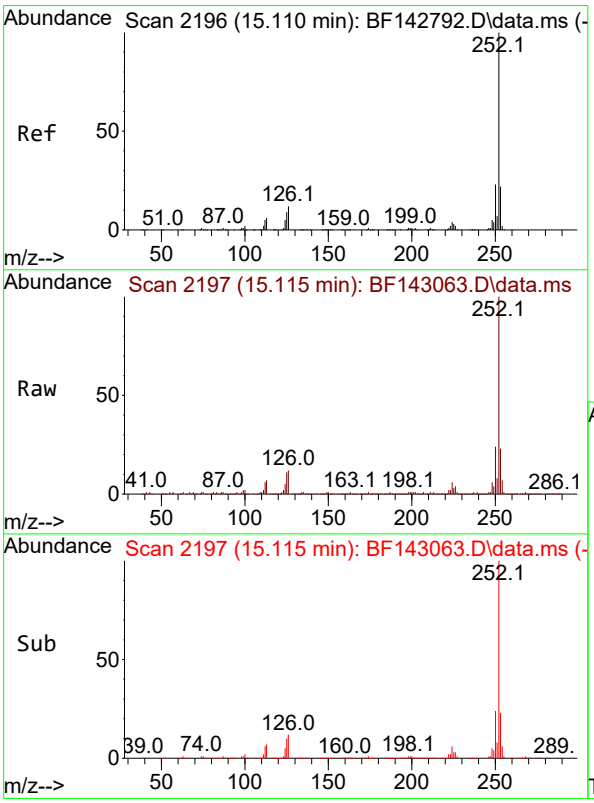
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.252 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion:276 Resp: 149643

Ion	Ratio	Lower	Upper
276	100		
138	20.1	20.2	30.4#
277	23.4	19.8	29.6

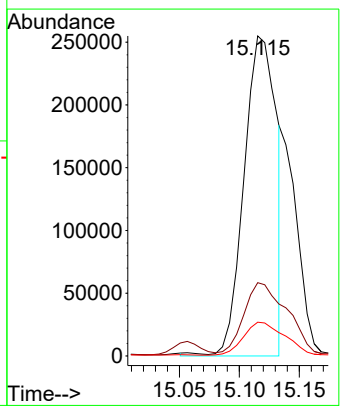


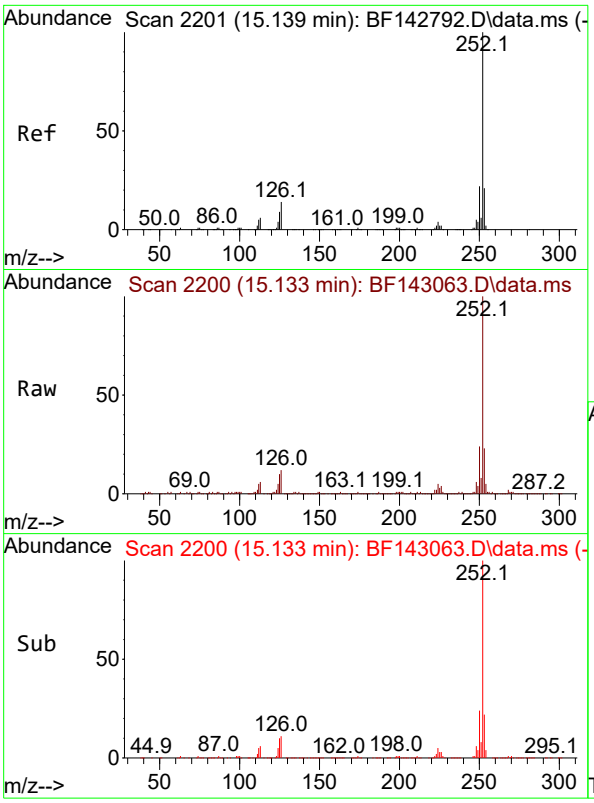


#88
Benzo(b)fluoranthene
Concen: 81.671 ng m
RT: 15.115 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:252 Resp: 482256

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	10.6	7.4	11.0



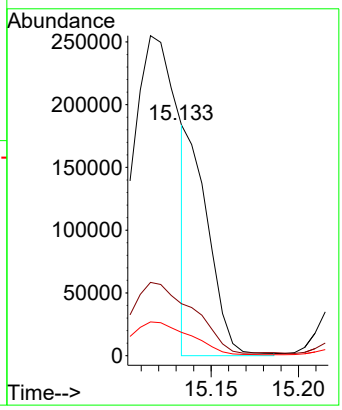


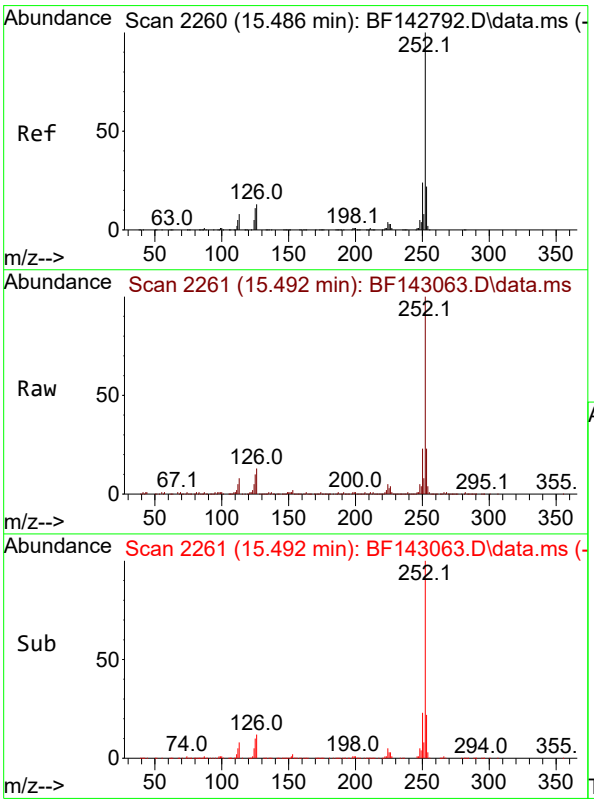
#89
Benzo(k)fluoranthene
Concen: 28.193 ng m
RT: 15.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion:252 Resp: 155750

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.1	7.4	11.2

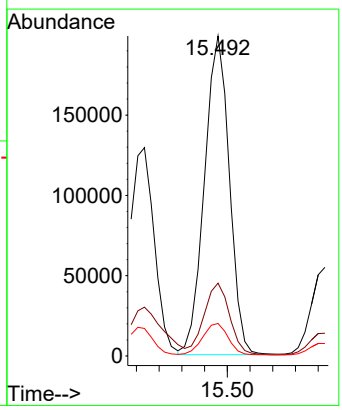


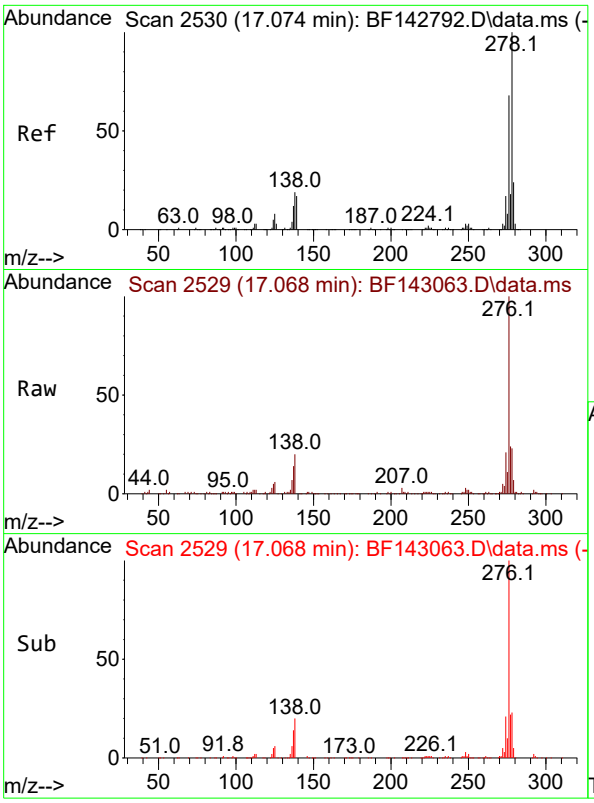


#90
Benzo(a)pyrene
Concen: 53.065 ng
RT: 15.492 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:252 Resp: 302708

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.2	8.6	12.8



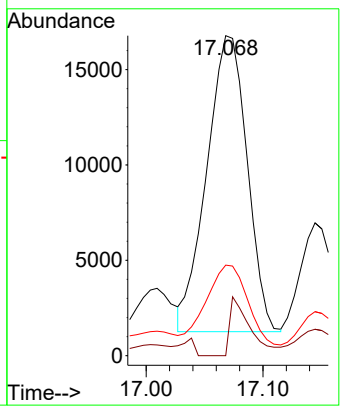


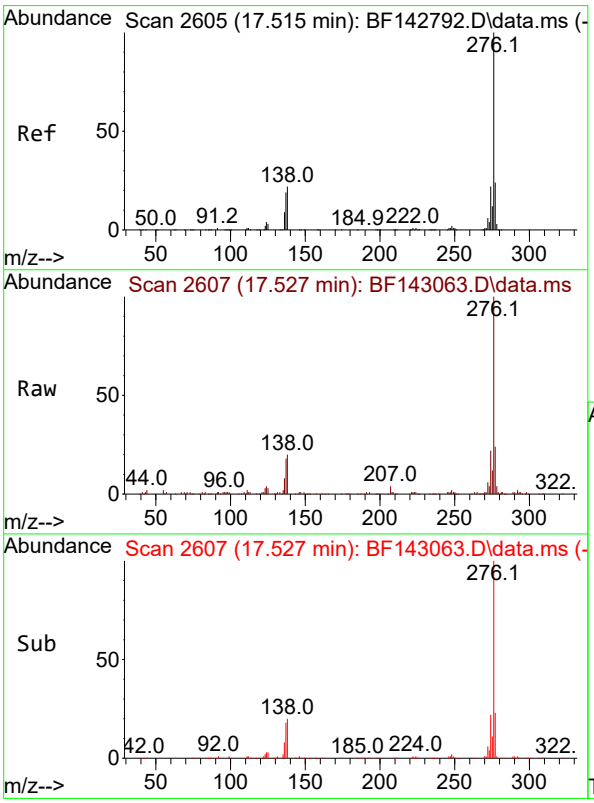
#91
Dibenzo(a,h)anthracene
Concen: 5.914 ng m
RT: 17.068 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Tgt Ion:278 Resp: 37348

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.5	20.3#
279	28.3	18.8	28.2#

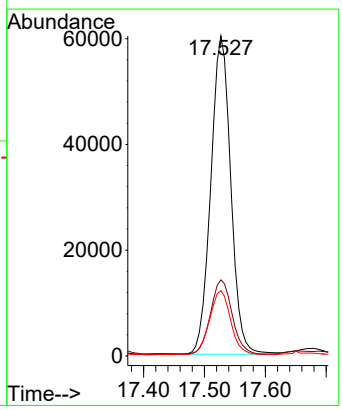




#92
Benzo(g,h,i)perylene
Concen: 21.784 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF143063.D
Acq: 09 Jul 2025 18:31

Tgt Ion:276 Resp: 137189

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	20.4	17.6	26.4



Sample Results: **BF143063.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143063.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	485	490	500	rBV	19743	29843	1.37%	0.131%
2	5.487	555	560	583	rVB	236340	336815	15.45%	1.479%
3	6.498	727	732	748	rBV	232457	334980	15.37%	1.471%
4	6.869	790	795	805	rBV	244684	299379	13.73%	1.315%
5	7.433	886	891	906	rBV	159679	212864	9.77%	0.935%
6	8.157	1009	1014	1025	rBV	292481	398601	18.29%	1.751%
7	9.227	1191	1196	1205	rBV	340371	415793	19.08%	1.826%
8	9.569	1249	1254	1257	rBV	17019	23073	1.06%	0.101%
9	9.775	1284	1289	1296	rBV2	21130	25891	1.19%	0.114%
10	9.910	1306	1312	1316	rBV	285653	374000	17.16%	1.643%
11	9.945	1316	1318	1323	rVB	83233	84988	3.90%	0.373%
12	10.116	1343	1347	1351	rBV	43411	56093	2.57%	0.246%
13	10.463	1401	1406	1411	rBV	74159	94749	4.35%	0.416%
14	10.527	1411	1417	1419	rBV	12389	24364	1.12%	0.107%
15	10.622	1426	1433	1439	rVB	58108	86278	3.96%	0.379%
16	10.704	1439	1447	1452	rBV	142886	192896	8.85%	0.847%
17	10.810	1461	1465	1473	rVB7	11064	25477	1.17%	0.112%
18	11.010	1492	1499	1502	rBV3	24112	42325	1.94%	0.186%
19	11.139	1516	1521	1523	rBV2	18894	31852	1.46%	0.140%
20	11.210	1530	1533	1537	rVV	29190	33400	1.53%	0.147%
21	11.251	1537	1540	1545	rVV3	24472	39382	1.81%	0.173%
22	11.298	1545	1548	1555	rVB	46797	60941	2.80%	0.268%
23	11.427	1561	1570	1575	rBV2	860423	1404429	64.43%	6.168%
24	11.480	1575	1579	1583	rVV	223058	289362	13.28%	1.271%
25	11.516	1583	1585	1590	rVB	17955	22407	1.03%	0.098%
26	11.633	1600	1605	1612	rBV2	70316	118203	5.42%	0.519%
27	11.698	1612	1616	1619	rVV	22237	31068	1.43%	0.136%
28	11.739	1619	1623	1628	rVB3	18738	27272	1.25%	0.120%
29	11.904	1646	1651	1653	rBV	112864	144337	6.62%	0.634%
30	11.933	1653	1656	1660	rVB	164096	203626	9.34%	0.894%
31	11.980	1660	1664	1667	rBV	60141	75725	3.47%	0.333%
32	12.021	1667	1671	1679	rVB2	207044	380763	17.47%	1.672%
33	12.086	1679	1682	1685	rBV3	17313	26535	1.22%	0.117%
34	12.198	1697	1701	1704	rBV	84142	108054	4.96%	0.475%
35	12.233	1704	1707	1711	rVB	62534	75218	3.45%	0.330%
36	12.351	1722	1727	1730	rBV2	33266	50431	2.31%	0.221%

Sample Results: **BF143063.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.404	1734	1736	1740	rVB	24175	28492	1.31%	0.125%
38	12.457	1740	1745	1748	rBV	76162	113789	5.22%	0.500%
39	12.492	1748	1751	1757	rVV4	51577	98785	4.53%	0.434%
40	12.551	1757	1761	1766	rVB2	84708	116925	5.36%	0.514%
41	12.627	1768	1774	1778	rBV	1562750	2080938	95.47%	9.139%
42	12.686	1778	1784	1786	rVV2	26298	37252	1.71%	0.164%
43	12.716	1786	1789	1792	rVB2	21093	22154	1.02%	0.097%
44	12.774	1792	1799	1806	rBV3	58338	108742	4.99%	0.478%
45	12.857	1806	1813	1818	rBV	1395947	2179706	100.00%	9.573%
46	12.898	1818	1820	1825	rVB2	72856	92230	4.23%	0.405%
47	12.986	1828	1835	1843	rVB3	330209	625574	28.70%	2.747%
48	13.068	1843	1849	1853	rBV2	122417	230076	10.56%	1.010%
49	13.180	1860	1868	1872	rBV	202394	369783	16.96%	1.624%
50	13.245	1875	1879	1882	rVV	135938	173873	7.98%	0.764%
51	13.280	1882	1885	1893	rVV3	151437	265990	12.20%	1.168%
52	13.339	1893	1895	1898	rVV	28098	28258	1.30%	0.124%
53	13.374	1898	1901	1904	rVV	65605	87670	4.02%	0.385%
54	13.410	1904	1907	1914	rVB3	85150	127788	5.86%	0.561%
55	13.604	1929	1940	1943	rBV3	50143	149444	6.86%	0.656%
56	13.692	1951	1955	1961	rVB	134787	175654	8.06%	0.771%
57	13.804	1969	1974	1976	rBV	167302	246884	11.33%	1.084%
58	13.827	1976	1978	1981	rVV	139396	183555	8.42%	0.806%
59	13.857	1981	1983	1988	rVV3	133578	233733	10.72%	1.027%
60	13.904	1988	1991	1997	rVB	153503	199575	9.16%	0.876%
61	13.968	1998	2002	2008	rBV	40723	70735	3.25%	0.311%
62	14.051	2008	2016	2019	rBV2	1089416	1906958	87.49%	8.375%
63	14.086	2019	2022	2029	rVB	795426	1069000	49.04%	4.695%
64	14.162	2031	2035	2039	rVB	98876	113006	5.18%	0.496%
65	14.204	2039	2042	2046	rBV4	42999	77666	3.56%	0.341%
66	14.280	2052	2055	2059	rVB3	75933	101000	4.63%	0.444%
67	14.404	2073	2076	2078	rBV2	38913	50193	2.30%	0.220%
68	14.439	2078	2082	2086	rVV	152389	225468	10.34%	0.990%
69	14.474	2086	2088	2092	rVB	63160	68836	3.16%	0.302%
70	14.568	2101	2104	2105	rBV	49402	49198	2.26%	0.216%
71	14.762	2134	2137	2140	rBV2	44461	63903	2.93%	0.281%
72	14.945	2164	2168	2175	rBV2	60143	104082	4.78%	0.457%
73	15.115	2191	2197	2208	rBV	648849	1604195	73.60%	7.045%
74	15.221	2211	2215	2222	rVB	109577	150585	6.91%	0.661%
75	15.315	2228	2231	2237	rBV3	29255	68865	3.16%	0.302%
76	15.427	2245	2250	2255	rVB	316509	512058	23.49%	2.249%

Sample Results: **BF143063.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.492	2255	2261	2266	rVV	488921	732912	33.62%	3.219%
78	15.551	2266	2271	2274	rVV	175256	284894	13.07%	1.251%
79	15.586	2274	2277	2284	rVB	144833	231705	10.63%	1.018%
80	17.068	2521	2529	2538	rVB2	204178	447783	20.54%	1.967%
81	17.245	2553	2559	2564	rBV	43740	93935	4.31%	0.413%
82	17.303	2565	2569	2575	rVB2	29995	63327	2.91%	0.278%
83	17.527	2600	2607	2624	rVB	152423	376403	17.27%	1.653%
84	17.774	2643	2649	2666	rVB2	47464	144568	6.63%	0.635%

Sum of corrected areas: 22769559

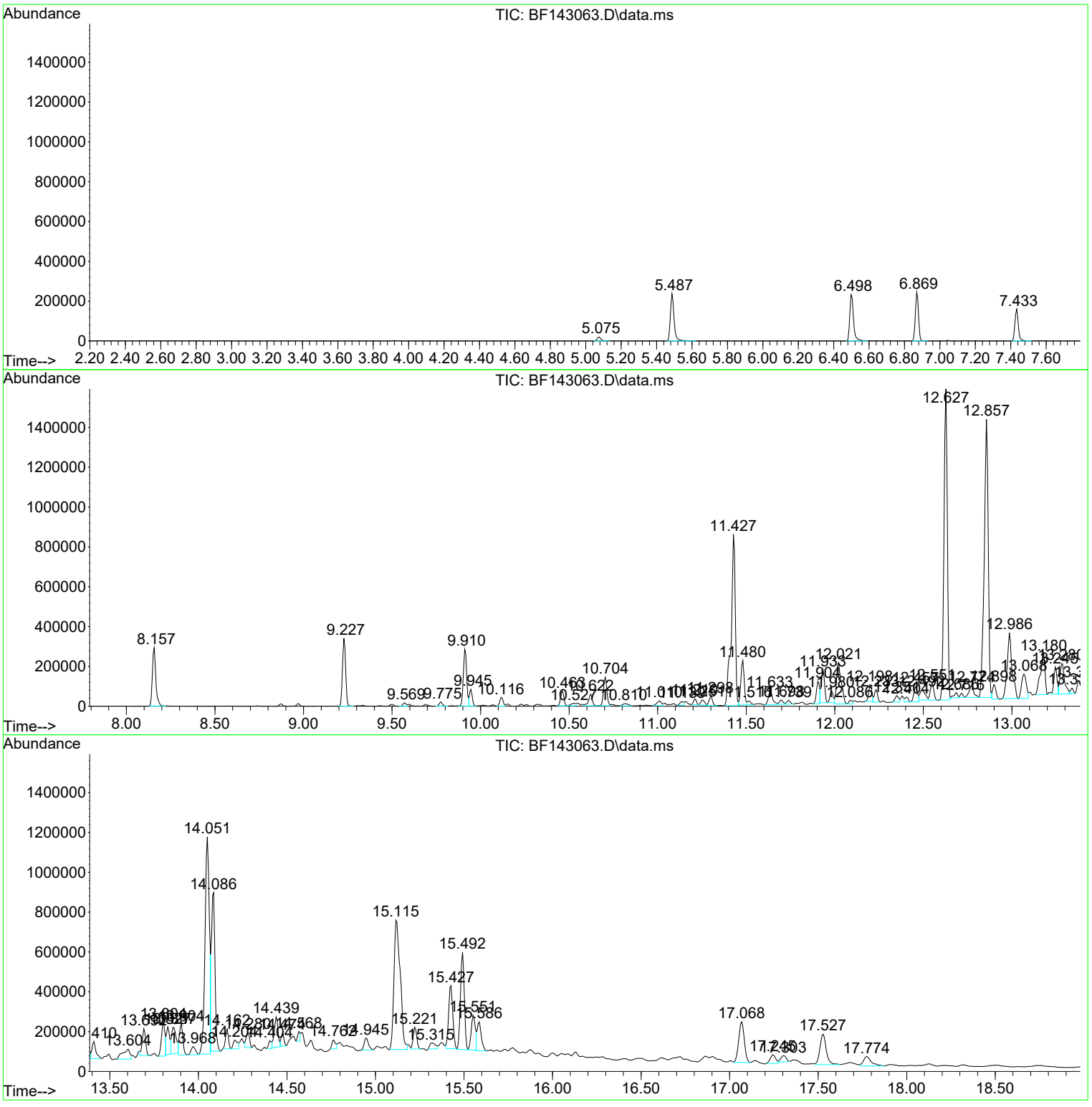
Sample Results: **BF143063.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

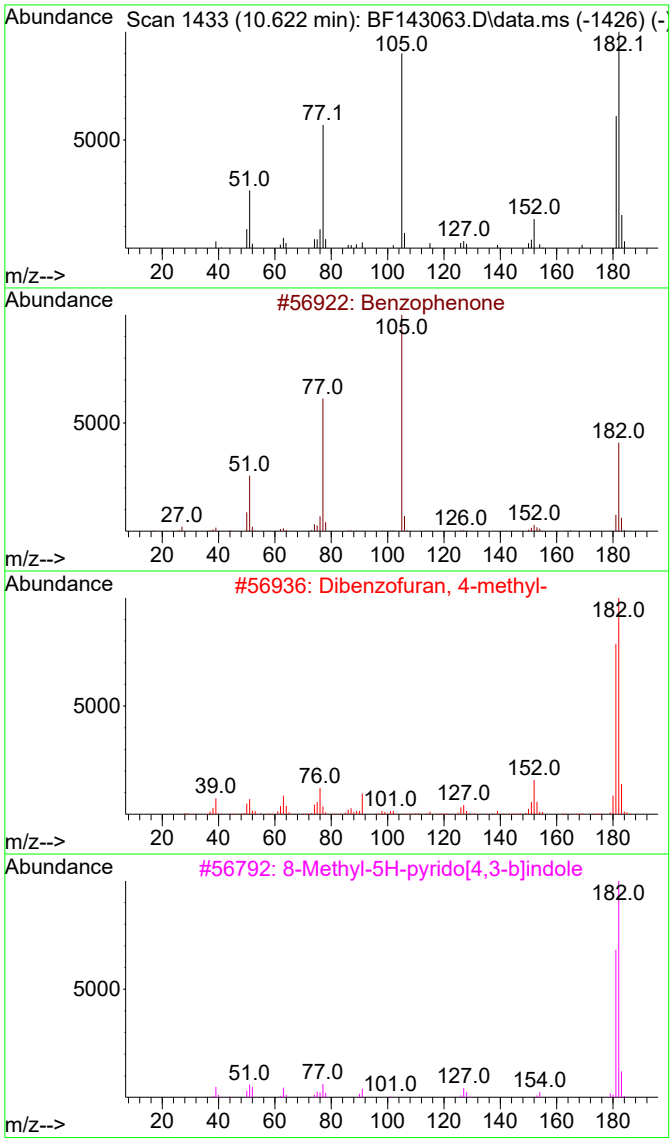
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TIC Integration Parameters: LSCINT.P

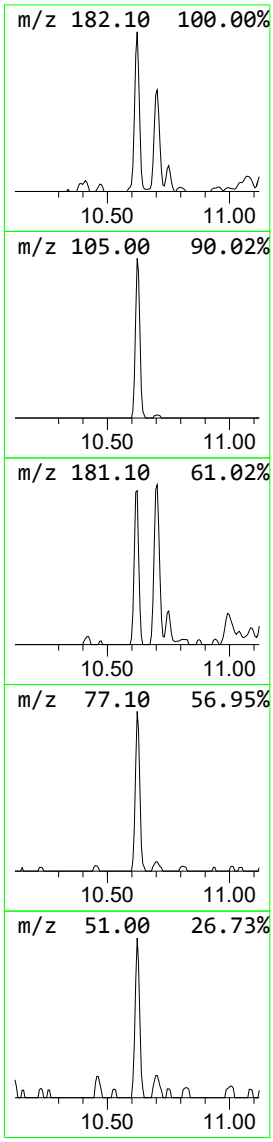
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Peak Number 1 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	4.61 ng	86278	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49
3	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	49
4	Azobenzene	182	C12H10N2	000103-33-3	49
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

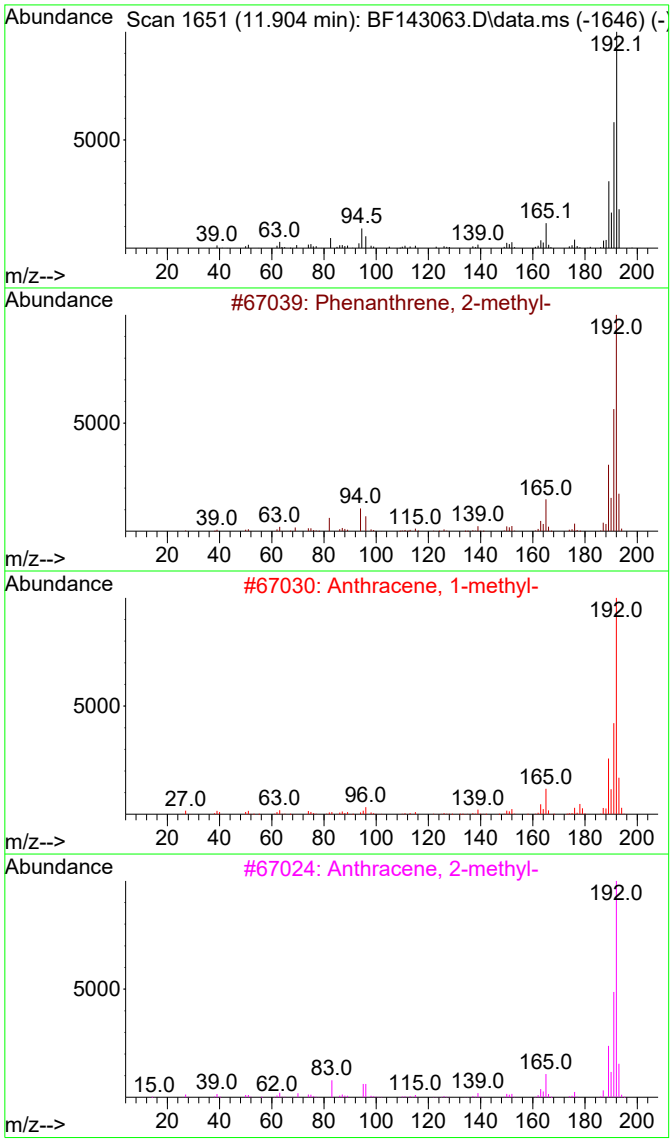
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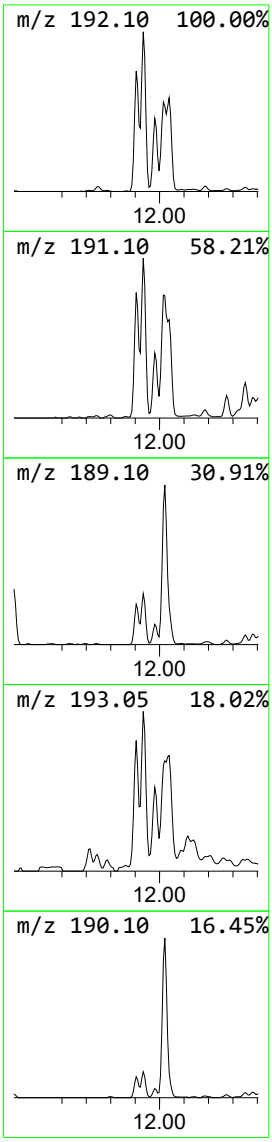
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Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	2.06 ng	144337	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

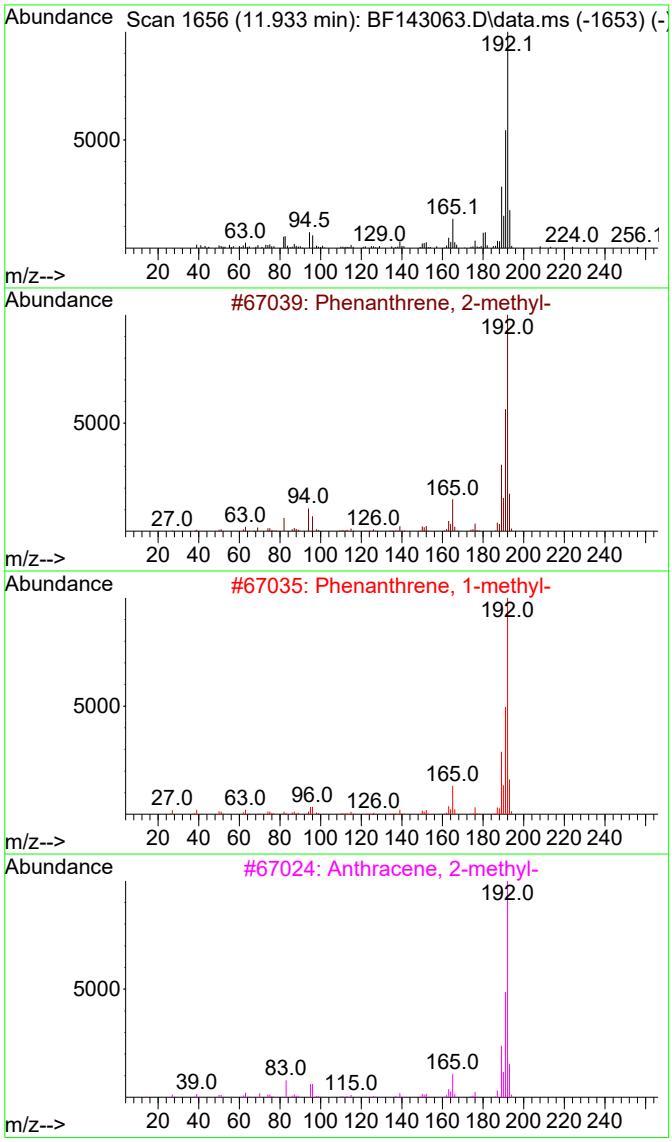
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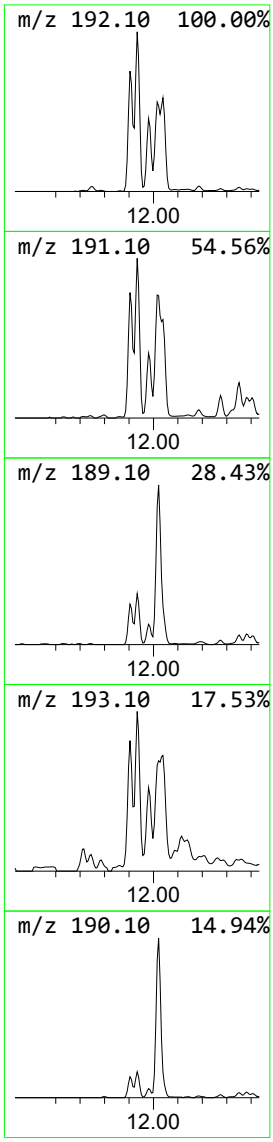
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.90 ng	203626	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

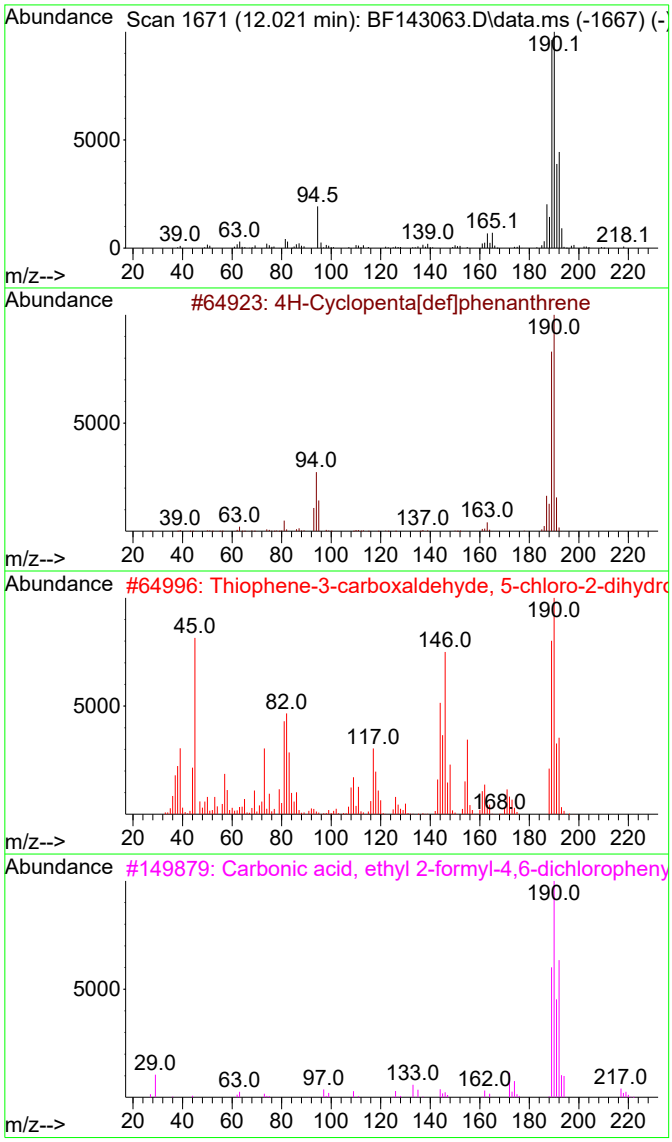
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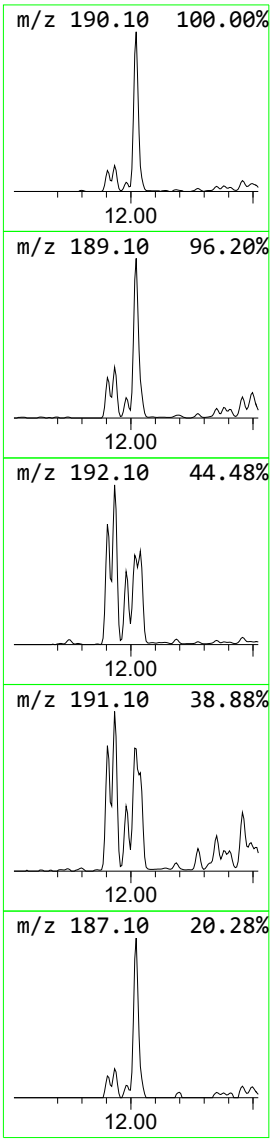
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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	5.42 ng	380763	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

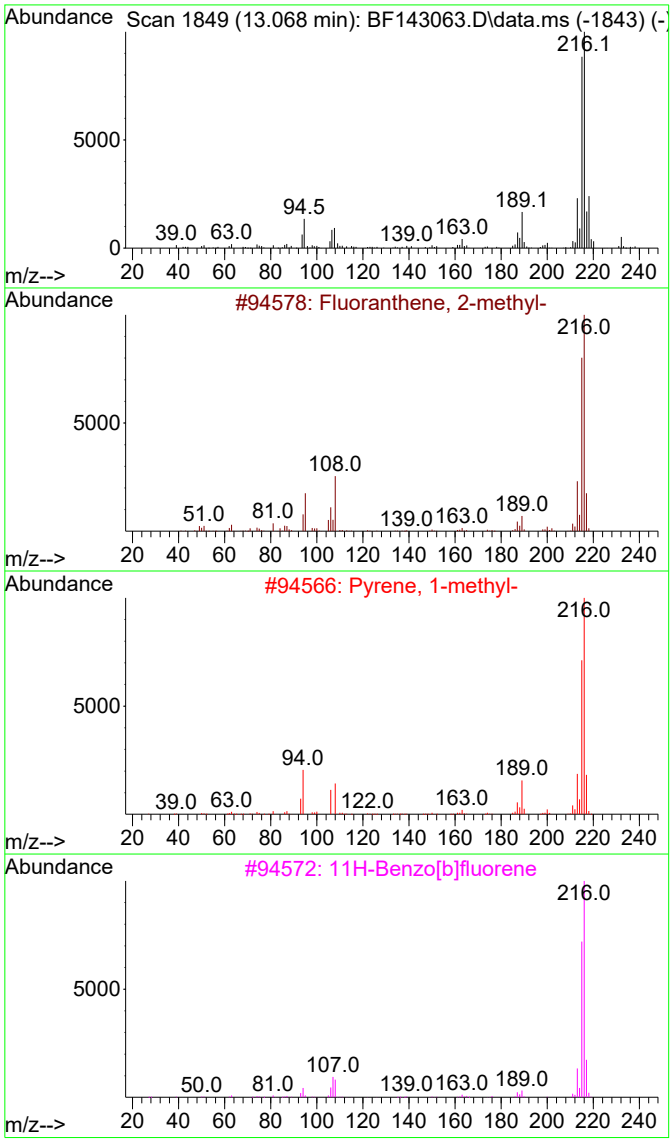
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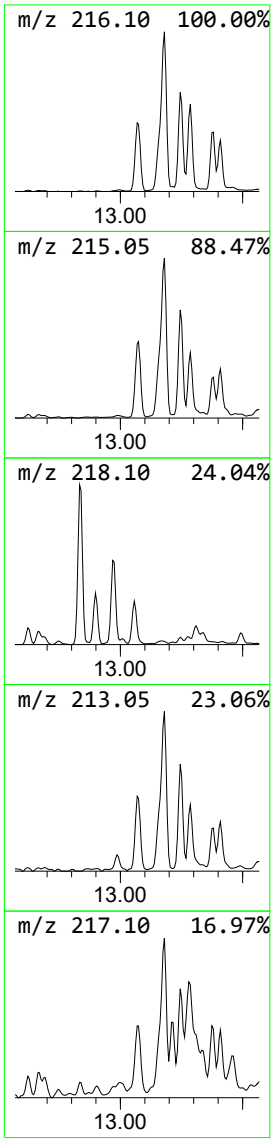
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Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.068	2.41 ng	230076	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

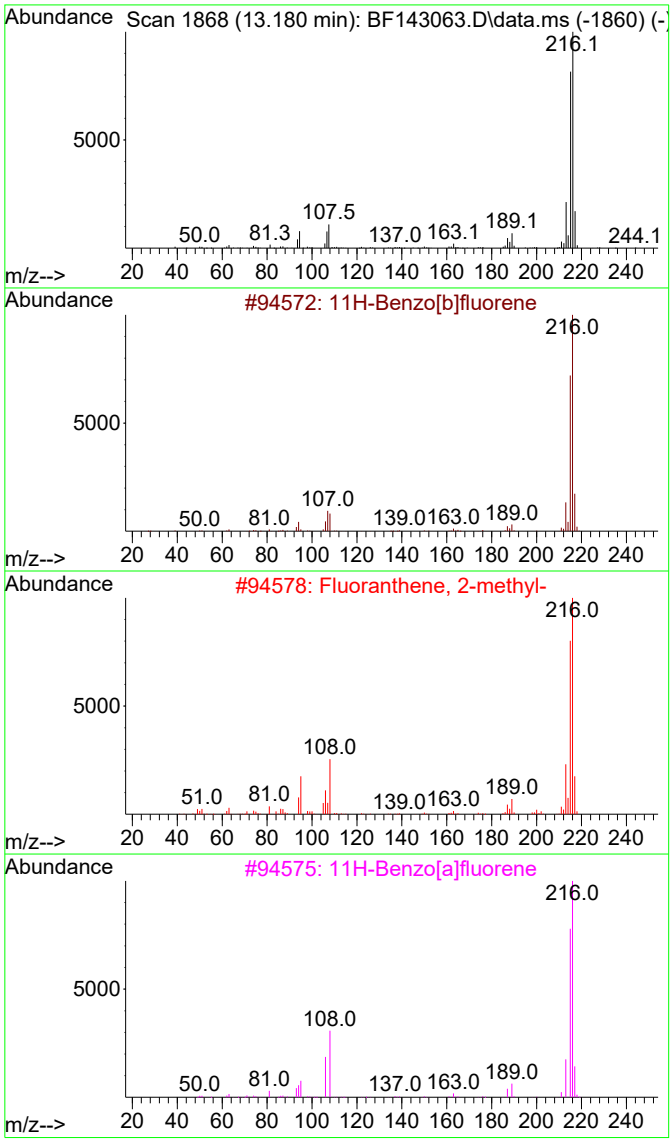
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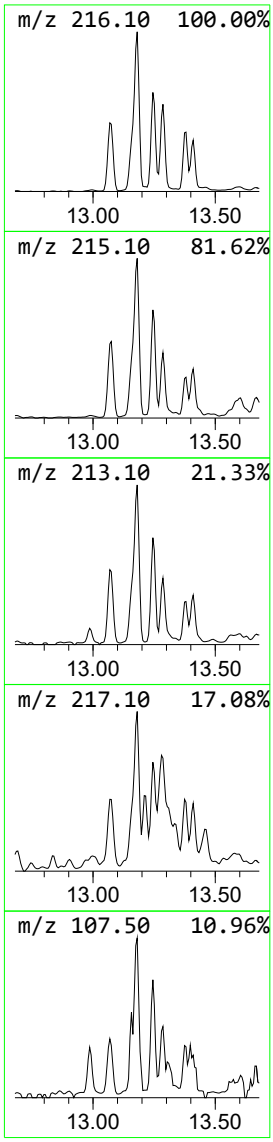
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Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	3.88 ng	369783	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

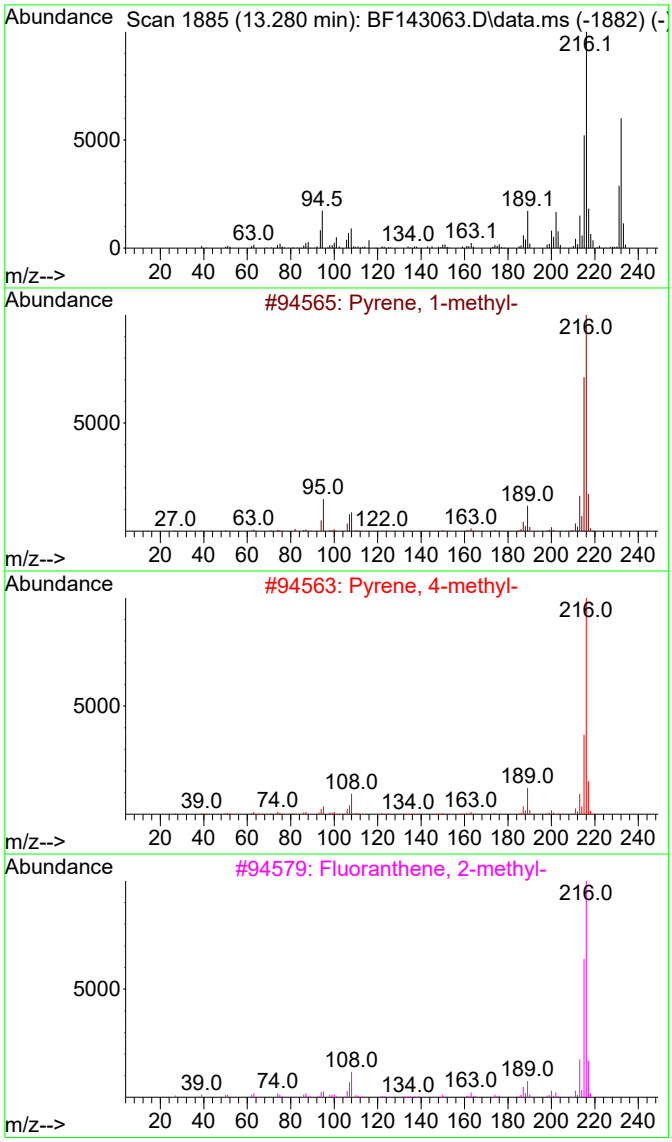
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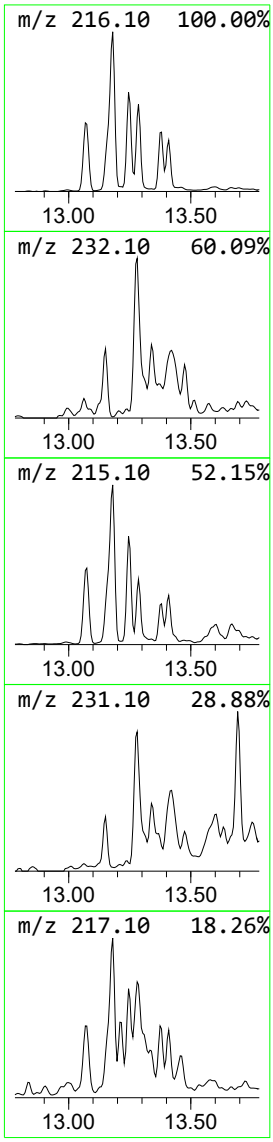
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	2.79 ng	265990	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

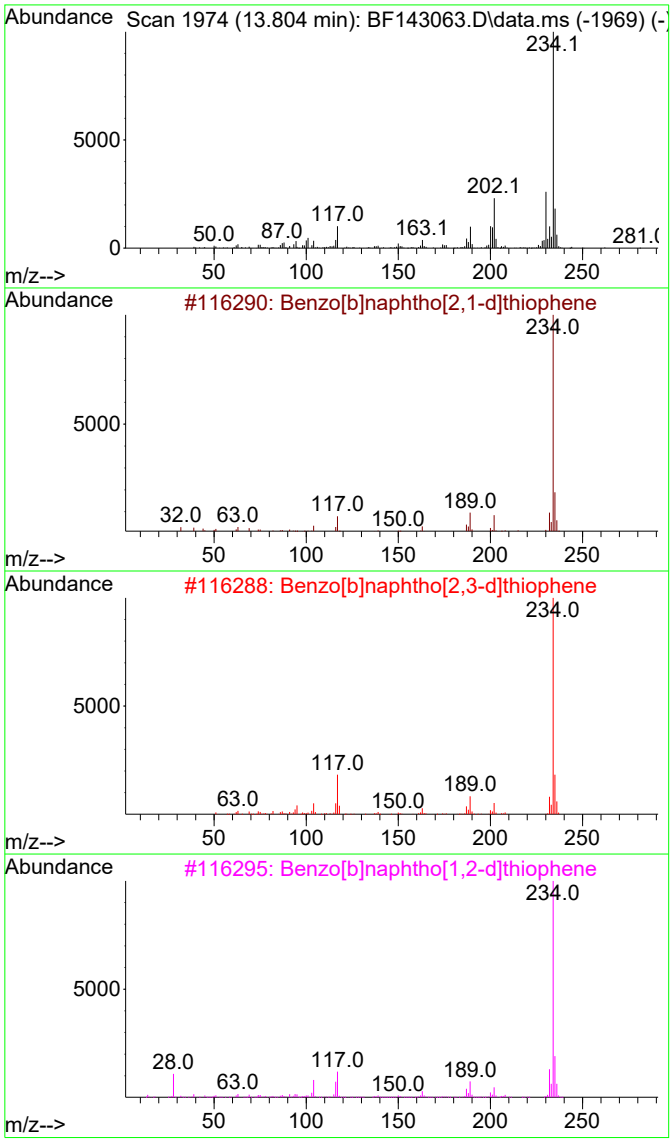
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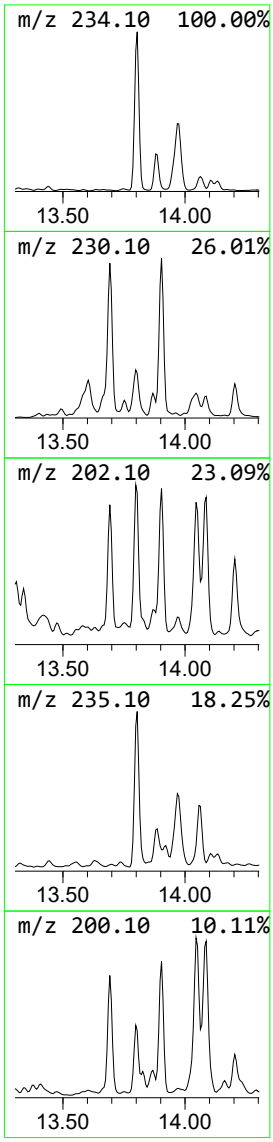
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	2.59 ng	246884	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
4	1,9,12-Trioxa-4,6-diazacyclotetr...	234	C9H18N2O3S	075491-64-4	50
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

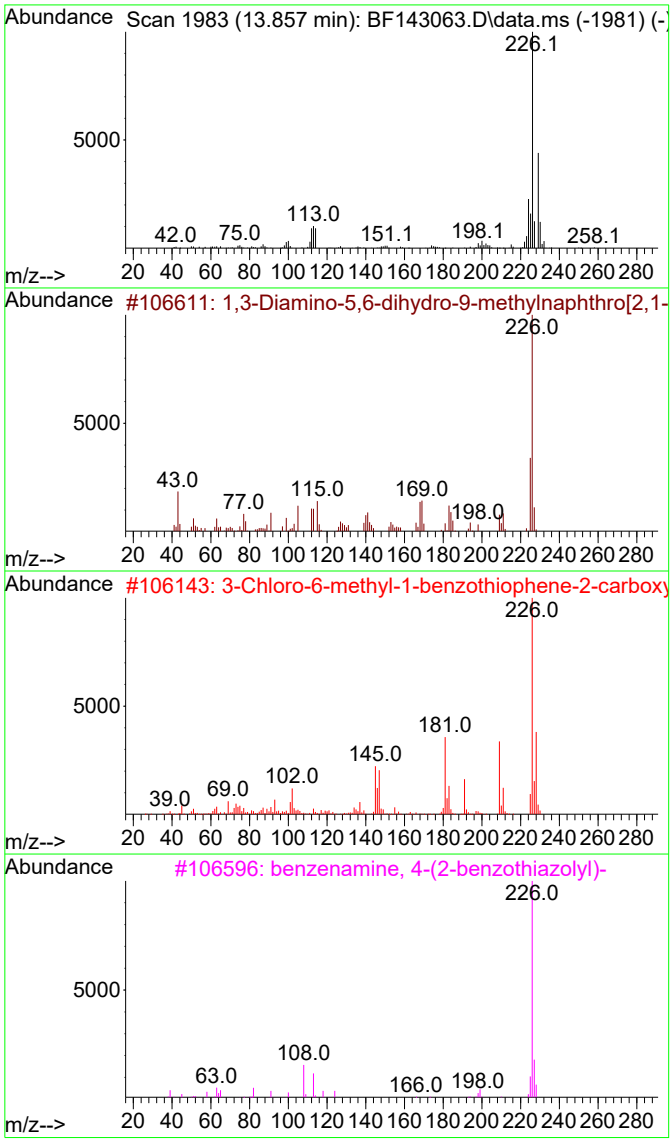
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TIC Integration Parameters: LSCINT.P

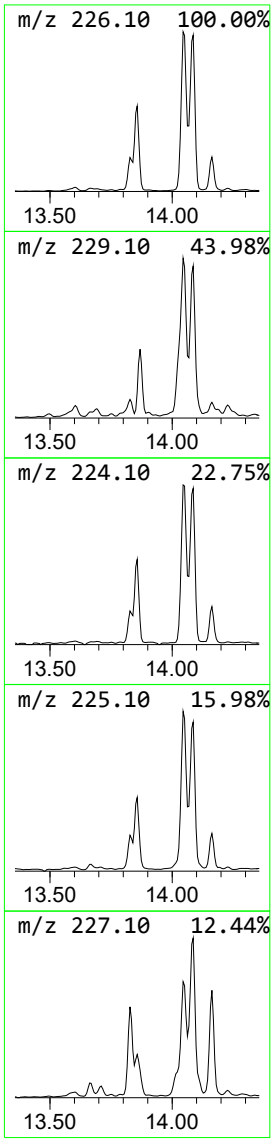
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Peak Number 9 unknown13.857 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	2.45 ng	233733	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	43
2	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	32
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	32
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	25
5	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

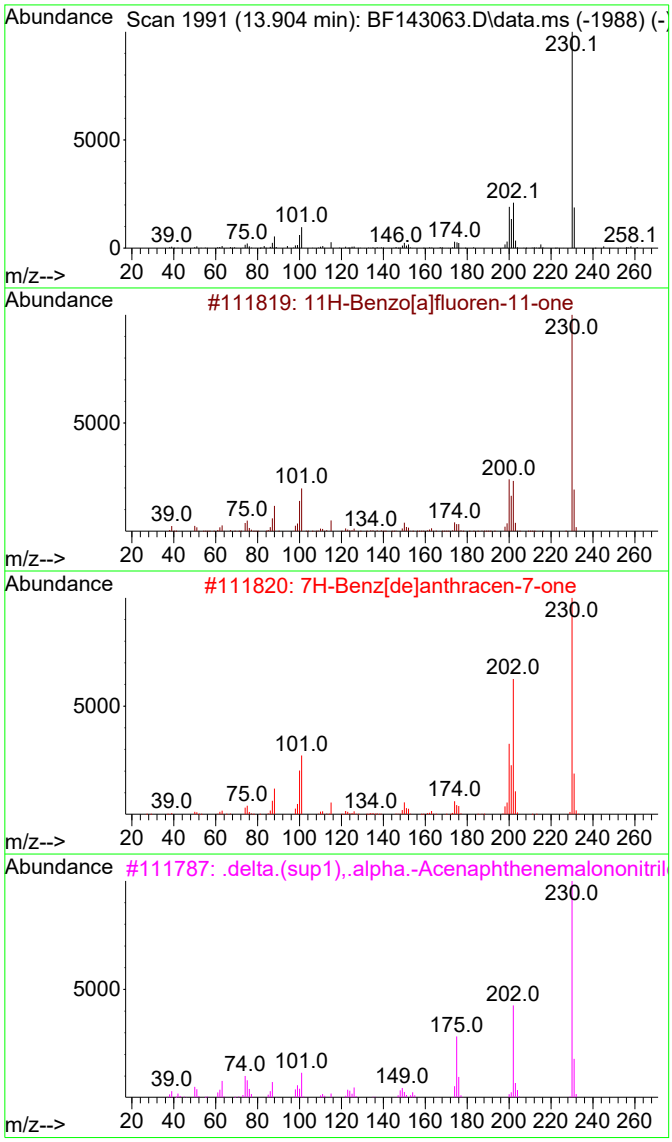
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

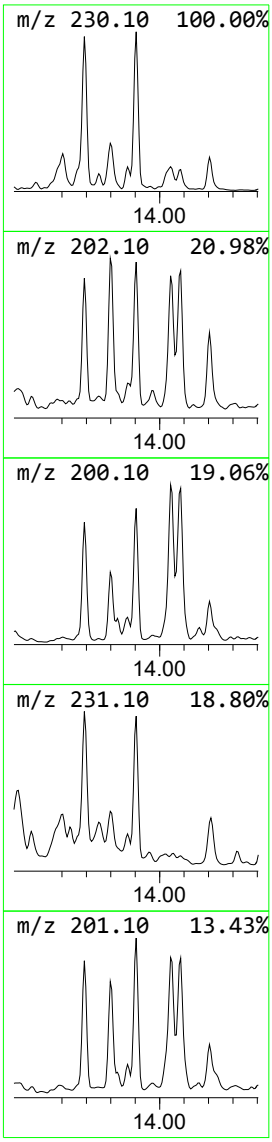
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.09 ng	199575	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

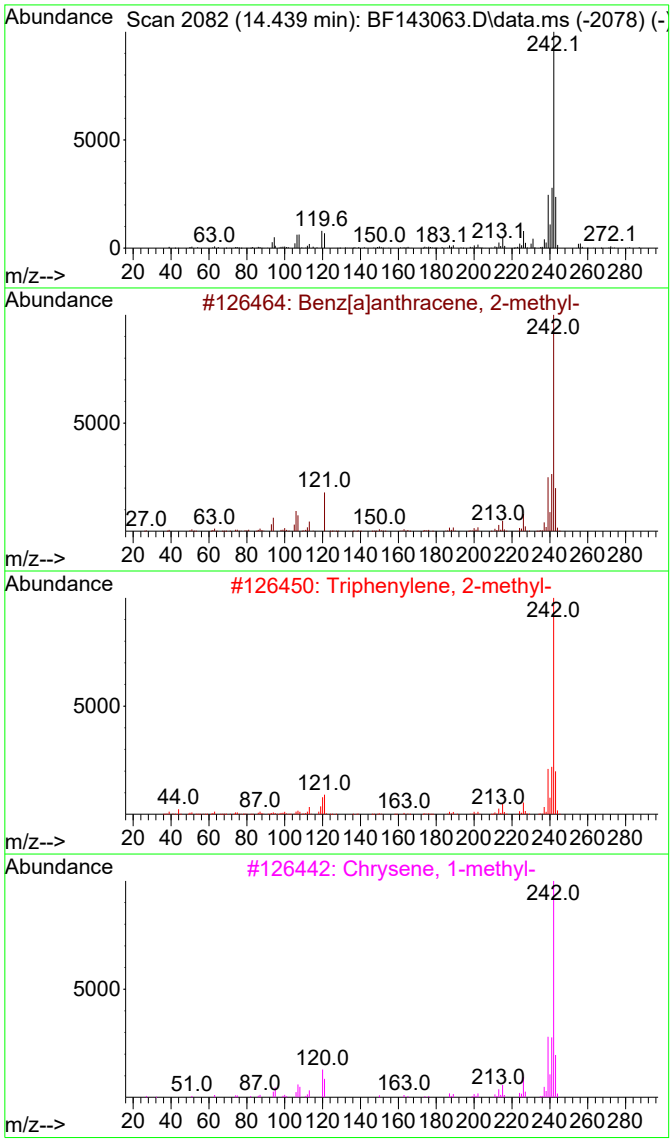
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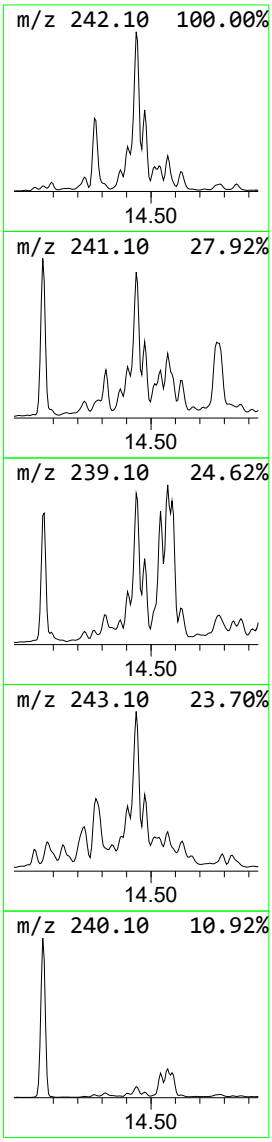
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benz[a]anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.439	2.36 ng	225468	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	96
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	92
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

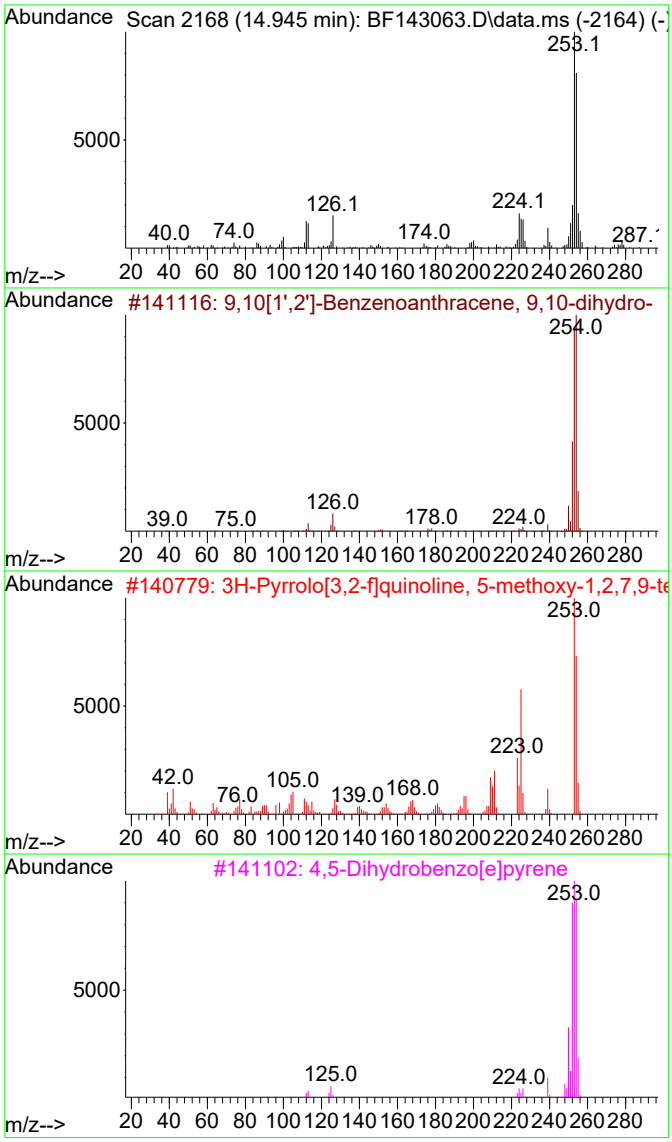
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

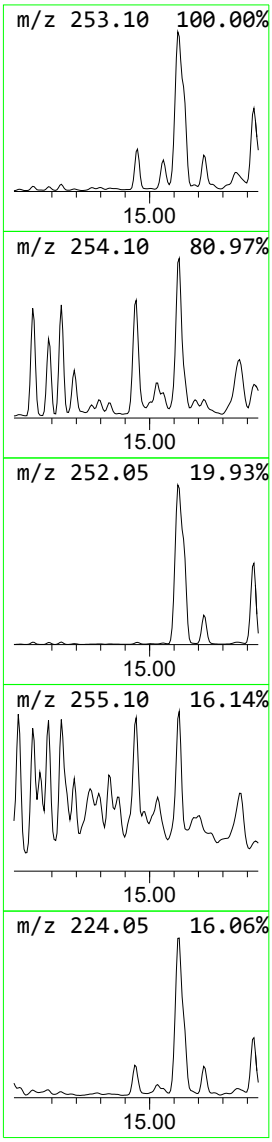
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10[1',2']-Benzenoanthrace... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	7.31 ng	104082	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	74
2	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	72
3	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	72
4	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	53
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

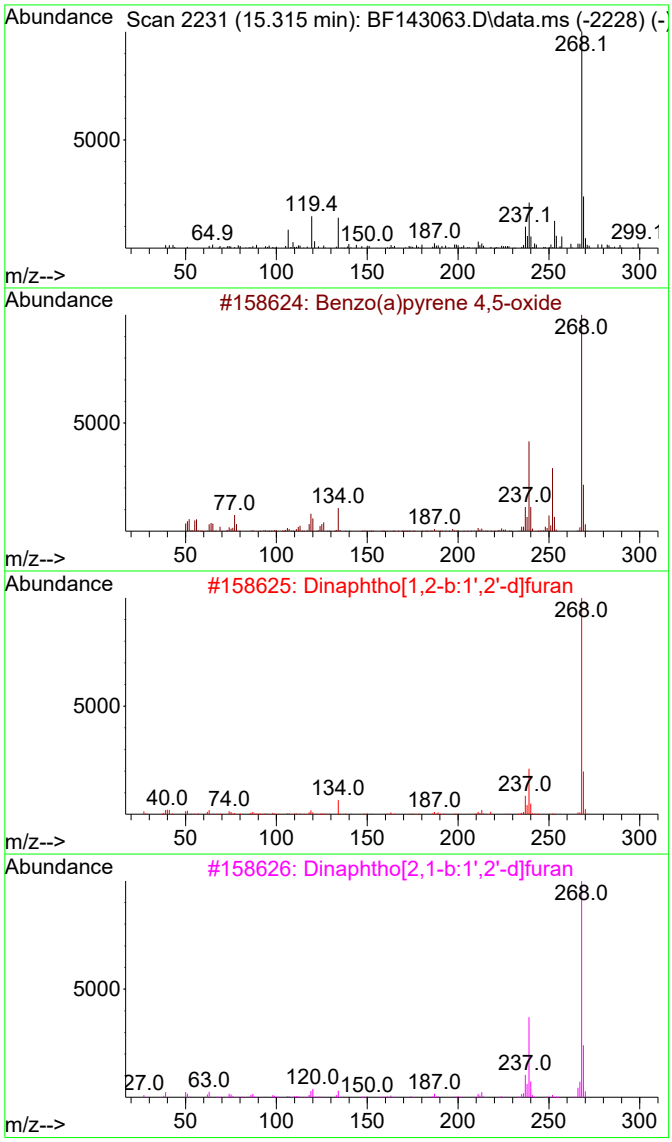
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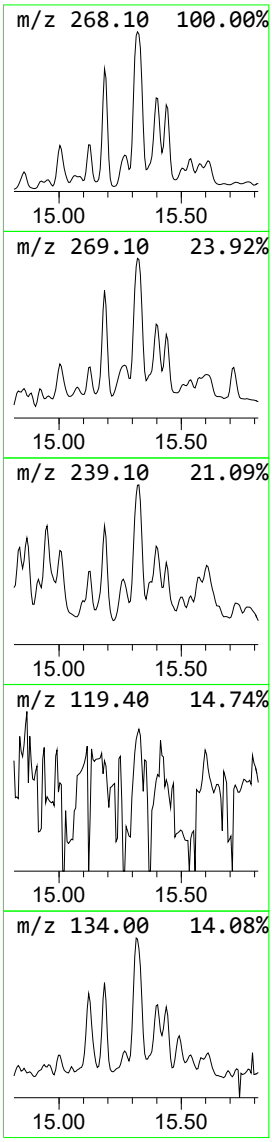
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Peak Number 14 Benzo(a)pyrene 4,5-oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	4.83 ng	68865	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	91
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	91
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	83
4	2-(4-Ethoxyphenyl)-6-methyl-2H-1...	268	C15H16N4O	355818-00-7	59
5	Diethylstilbestrol	268	C18H20O2	000056-53-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

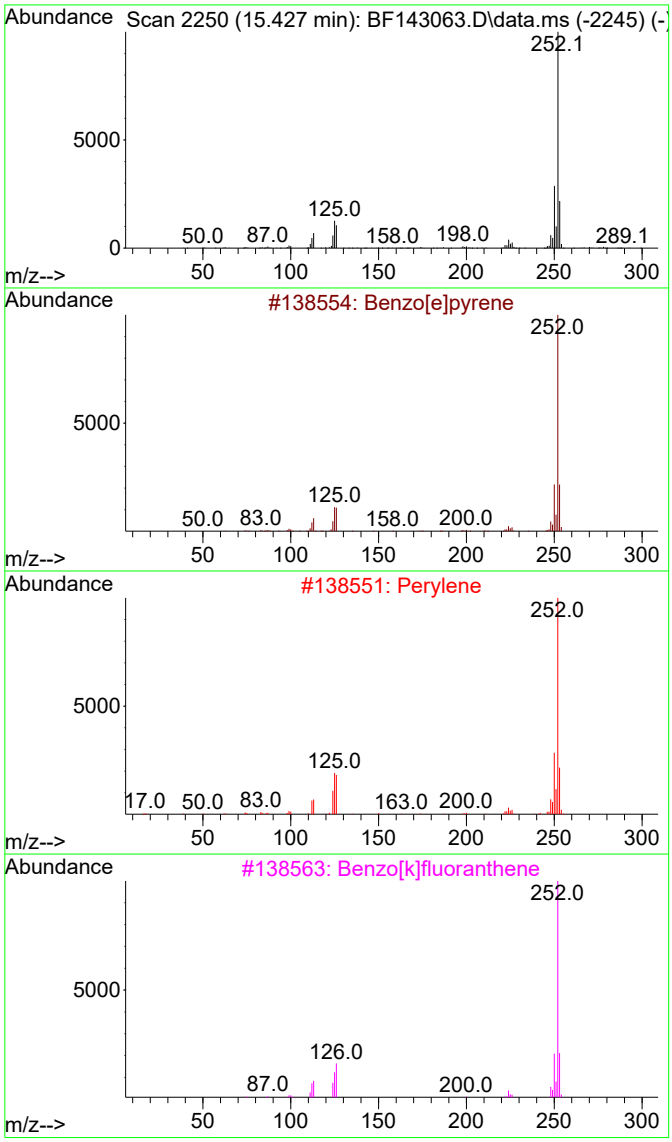
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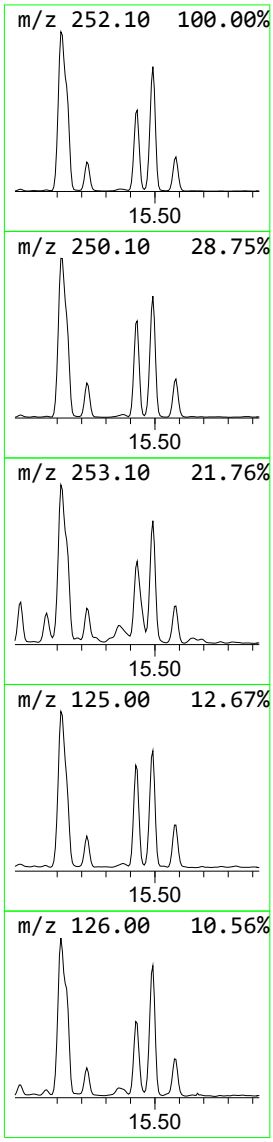
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Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	35.95 ng	512058	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

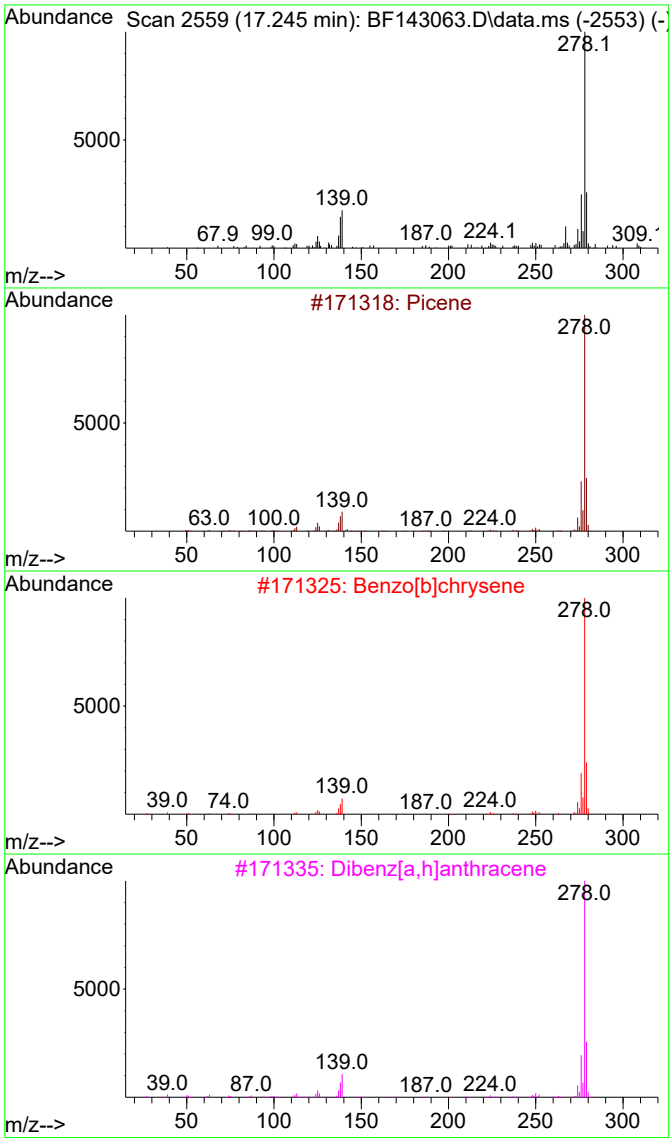
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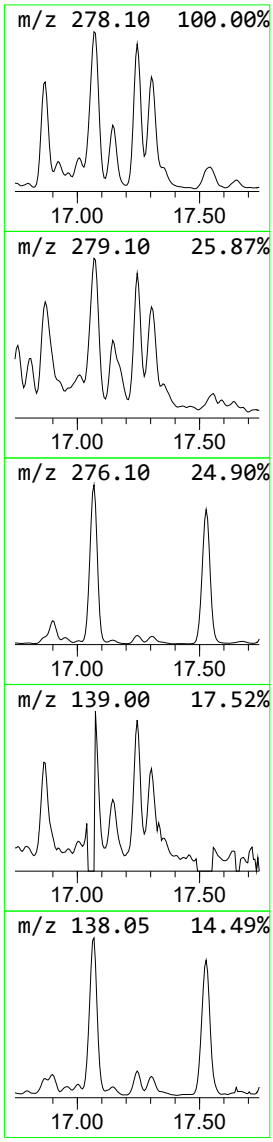
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Peak Number 16 Picene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	6.59 ng	93935	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Benzo[b]chrysene	278	C22H14	000214-17-5	97
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
4	Pentaphene	278	C22H14	000222-93-5	96
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

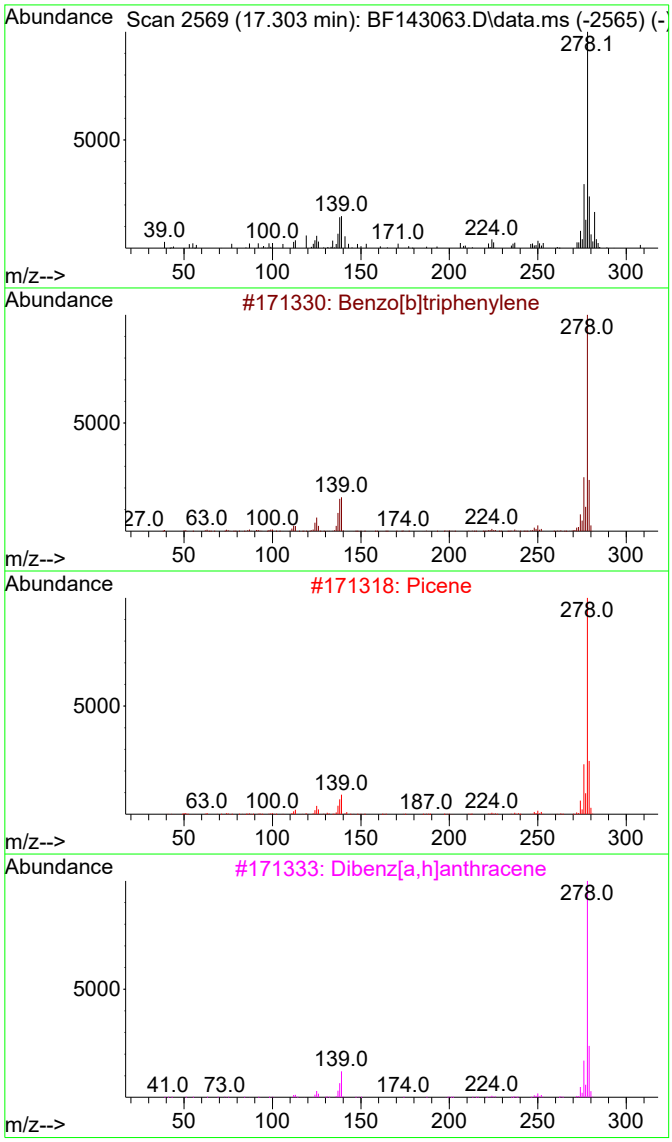
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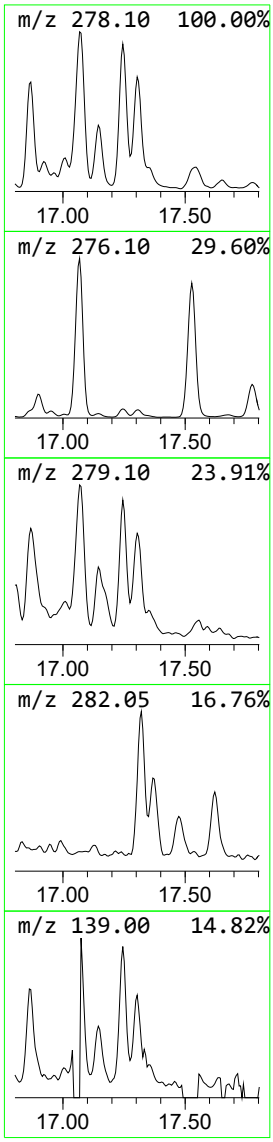
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Peak Number 17 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.303	4.45 ng	63327	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Picene	278	C22H14	000213-46-7	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
4	Pentacene	278	C22H14	000135-48-8	89
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

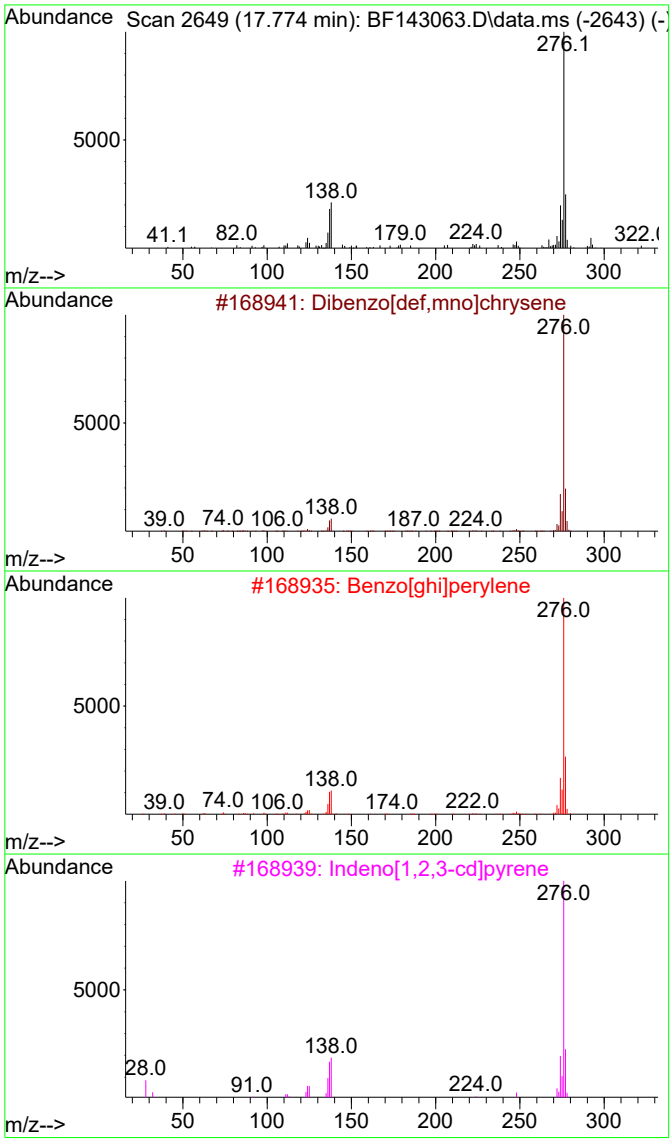
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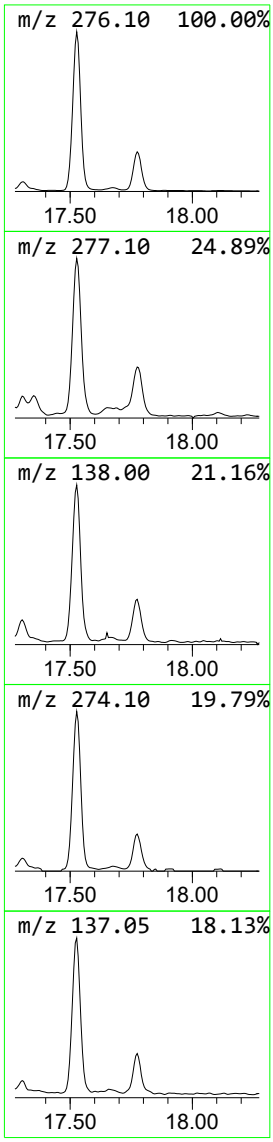
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Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.774	10.15 ng	144568	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	97
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	81
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143063.D
Acq On : 09 Jul 2025 18:31
Operator : RC/JU
Sample : Q2487-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
Benzophenone	10.621	4.6	ng	86278	3	9.910	374000	20.0
Phenanthrene, 2...	11.904	2.1	ng	144337	4	11.404	1404430	20.0
Phenanthrene, 1...	11.933	2.9	ng	203626	4	11.404	1404430	20.0
4H-Cyclopenta[d...	12.021	5.4	ng	380763	4	11.404	1404430	20.0
Fluoranthene, 2...	13.068	2.4	ng	230076	5	14.057	1906960	20.0
11H-Benzo[b]flu...	13.180	3.9	ng	369783	5	14.057	1906960	20.0
Pyrene, 1-methyl-	13.280	2.8	ng	265990	5	14.057	1906960	20.0
Benzo[b]naphtho...	13.804	2.6	ng	246884	5	14.057	1906960	20.0
unknown13.857	13.857	2.5	ng	233733	5	14.057	1906960	20.0
11H-Benzo[a]flu...	13.904	2.1	ng	199575	5	14.057	1906960	20.0
Benz[a]anthrace...	14.439	2.4	ng	225468	5	14.057	1906960	20.0
9,10[1',2']-Ben...	14.945	7.3	ng	104082	6	15.551	284894	20.0
Benzo(a)pyrene ...	15.315	4.8	ng	68865	6	15.551	284894	20.0
Benzo[e]pyrene	15.427	36.0	ng	512058	6	15.551	284894	20.0
Picene	17.245	6.6	ng	93935	6	15.551	284894	20.0
Benzo[b]triphen...	17.303	4.5	ng	63327	6	15.551	284894	20.0
Dibenzo[def,mno...	17.774	10.2	ng	144568	6	15.551	284894	20.0

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)DL	SDG No.:	Q2487
Lab Sample ID:	Q2487-13DL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.8
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
BP025095.D	4	07/03/25 09:00	07/10/25 23:13	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	690	UD	690	1500	ug/Kg
108-95-2	Phenol	98.3	UD	98.3	760	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	UD	110	760	ug/Kg
95-57-8	2-Chlorophenol	110	UD	110	760	ug/Kg
95-48-7	2-Methylphenol	130	UD	130	760	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	UD	170	760	ug/Kg
98-86-2	Acetophenone	130	UD	130	760	ug/Kg
65794-96-9	3+4-Methylphenols	180	UD	180	1500	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	210	UD	210	360	ug/Kg
67-72-1	Hexachloroethane	78.3	UD	78.3	760	ug/Kg
98-95-3	Nitrobenzene	81.4	UD	81.4	760	ug/Kg
78-59-1	Isophorone	150	UD	150	760	ug/Kg
88-75-5	2-Nitrophenol	260	UD	260	760	ug/Kg
105-67-9	2,4-Dimethylphenol	290	UD	290	760	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	UD	140	760	ug/Kg
120-83-2	2,4-Dichlorophenol	130	UD	130	760	ug/Kg
91-20-3	Naphthalene	100	UD	100	760	ug/Kg
106-47-8	4-Chloroaniline	160	UD	160	760	ug/Kg
87-68-3	Hexachlorobutadiene	110	UD	110	760	ug/Kg
105-60-2	Caprolactam	230	UD	230	1500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	UD	130	760	ug/Kg
91-57-6	2-Methylnaphthalene	110	UD	110	760	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	UD	520	1500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.1	UD	88.1	760	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	UD	130	760	ug/Kg
92-52-4	1,1-Biphenyl	97.0	UD	97.0	760	ug/Kg
91-58-7	2-Chloronaphthalene	100	UD	100	760	ug/Kg
88-74-4	2-Nitroaniline	210	UD	210	760	ug/Kg
131-11-3	Dimethylphthalate	120	UD	120	760	ug/Kg

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)DL	SDG No.:	Q2487
Lab Sample ID:	Q2487-13DL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.8
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
BP025095.D	4	07/03/25 09:00	07/10/25 23:13	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	130	UD	130	760	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	UD	150	760	ug/Kg
99-09-2	3-Nitroaniline	200	UD	200	760	ug/Kg
83-32-9	Acenaphthene	450	JD	94.8	760	ug/Kg
51-28-5	2,4-Dinitrophenol	1000	UD	1000	1500	ug/Kg
100-02-7	4-Nitrophenol	480	UD	480	1500	ug/Kg
132-64-9	Dibenzofuran	100	UD	100	760	ug/Kg
121-14-2	2,4-Dinitrotoluene	220	UD	220	760	ug/Kg
84-66-2	Diethylphthalate	130	UD	130	760	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	UD	120	760	ug/Kg
86-73-7	Fluorene	480	JD	110	760	ug/Kg
100-01-6	4-Nitroaniline	290	UD	290	760	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	460	UD	460	1500	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	UD	150	760	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	UD	120	760	ug/Kg
118-74-1	Hexachlorobenzene	110	UD	110	760	ug/Kg
1912-24-9	Atrazine	150	UD	150	760	ug/Kg
87-86-5	Pentachlorophenol	230	UD	230	1500	ug/Kg
85-01-8	Phenanthrene	6200	D	93.0	760	ug/Kg
120-12-7	Anthracene	1900	D	150	760	ug/Kg
86-74-8	Carbazole	570	JD	140	760	ug/Kg
84-74-2	Di-n-butylphthalate	210	UD	210	760	ug/Kg
206-44-0	Fluoranthene	12200	ED	130	760	ug/Kg
129-00-0	Pyrene	7900	D	160	760	ug/Kg
85-68-7	Butylbenzylphthalate	320	UD	320	760	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	UD	160	1500	ug/Kg
56-55-3	Benzo(a)anthracene	5400	D	100	760	ug/Kg
218-01-9	Chrysene	5000	D	88.5	760	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	UD	260	760	ug/Kg
117-84-0	Di-n-octyl phthalate	390	UD	390	1500	ug/Kg
205-99-2	Benzo(b)fluoranthene	6300	D	84.5	760	ug/Kg

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)DL	SDG No.:	Q2487
Lab Sample ID:	Q2487-13DL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.8
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
BP025095.D	4	07/03/25 09:00	07/10/25 23:13	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2200	D	99.6	760	ug/Kg
50-32-8	Benzo(a)pyrene	5200	D	130	760	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2600	D	130	760	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	800	D	120	760	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2700	D	110	760	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	110	760	ug/Kg
123-91-1	1,4-Dioxane	200	UD	200	760	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	UD	120	760	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	80.6		18 - 112	54%	SPK: 150
13127-88-3	Phenol-d6	88.0		15 - 107	59%	SPK: 150
4165-60-0	Nitrobenzene-d5	49.3		18 - 107	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.4		20 - 109	49%	SPK: 100
118-79-6	2,4,6-Tribromophenol	118		10 - 116	79%	SPK: 150
1718-51-0	Terphenyl-d14	53.7		10 - 105	54%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	334000	7.443			
1146-65-2	Naphthalene-d8	1470000	10.19			
15067-26-2	Acenaphthene-d10	1060000	14.089			
1517-22-2	Phenanthrene-d10	2620000	16.907			
1719-03-5	Chrysene-d12	3700000	21.342			
1520-96-3	Perylene-d12	4040000	24.477			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025095.D
Acq On : 10 Jul 2025 23:13
Operator : CG/JU
Sample : Q2487-13DL 4X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Quant Time: Jul 11 02:33:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	333631	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	1470190	20.000	ng		0.00
39) Acenaphthene-d10	14.089	164	1059536	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	2622856	20.000	ng		0.00
76) Chrysene-d12	21.342	240	3703134	20.000	ng		0.00
86) Perylene-d12	24.477	264	4039718	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	379629	20.161	ng		0.00
7) Phenol-d6	6.625	99	540479	21.996	ng		0.00
23) Nitrobenzene-d5	8.560	82	272510	12.327	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	369480	29.519	ng		0.00
45) 2-Fluorobiphenyl	12.690	172	845029	12.355	ng		0.00
79) Terphenyl-d14	19.672	244	2261108	13.420	ng		0.00
Target Compounds							Qvalue
52) Acenaphthene	14.148	154	174082	3.046	ng		97
58) Fluorene	15.166	166	236932	3.247	ng		97
71) Phenanthrene	16.954	178	5834841	41.633	ng		100
72) Anthracene	17.042	178	1721501	12.803	ng		99
73) Carbazole	17.325	167	509304	3.874	ng		99
75) Fluoranthene	19.054	202	13452670	82.118	ng		97
78) Pyrene	19.430	202	12272040	53.504	ng		98
81) Benzo(a)anthracene	21.319	228	8247694	36.752	ng		97
83) Chrysene	21.389	228	7298711	33.796	ng		98
87) Indeno(1,2,3-cd)pyrene	28.006	276	4565288	17.739	ng	#	89
88) Benzo(b)fluoranthene	23.513	252	10010862	42.575	ng		98
89) Benzo(k)fluoranthene	23.554	252	3407306	14.564	ng		97
90) Benzo(a)pyrene	24.336	252	7001194	34.985	ng		98
91) Dibenzo(a,h)anthracene	28.071	278	1146758	5.391	ng		94
92) Benzo(g,h,i)perylene	29.083	276	4074725	18.542	ng		98

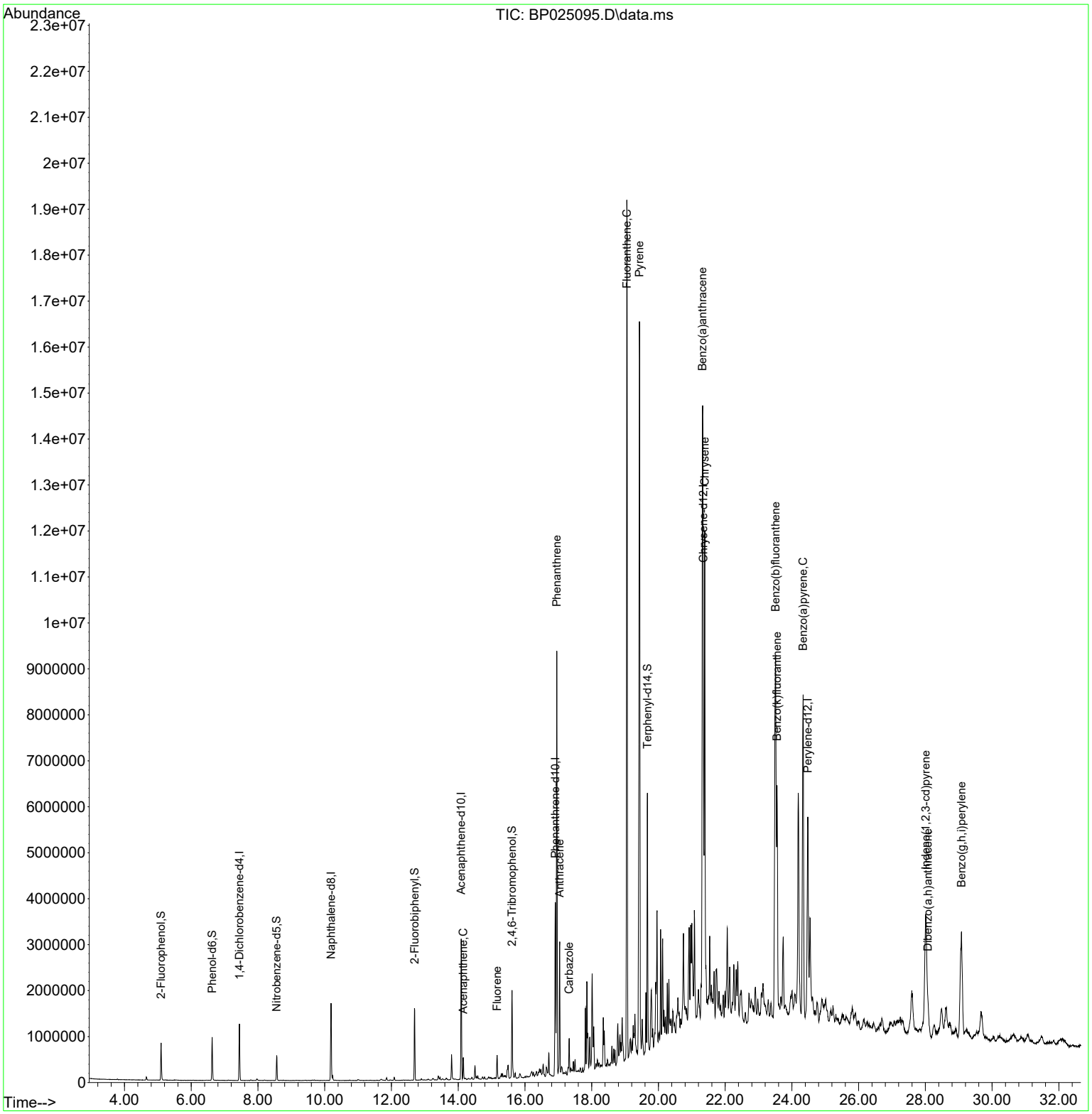
(#) = qualifier out of range (m) = manual integration (+) = signals summed

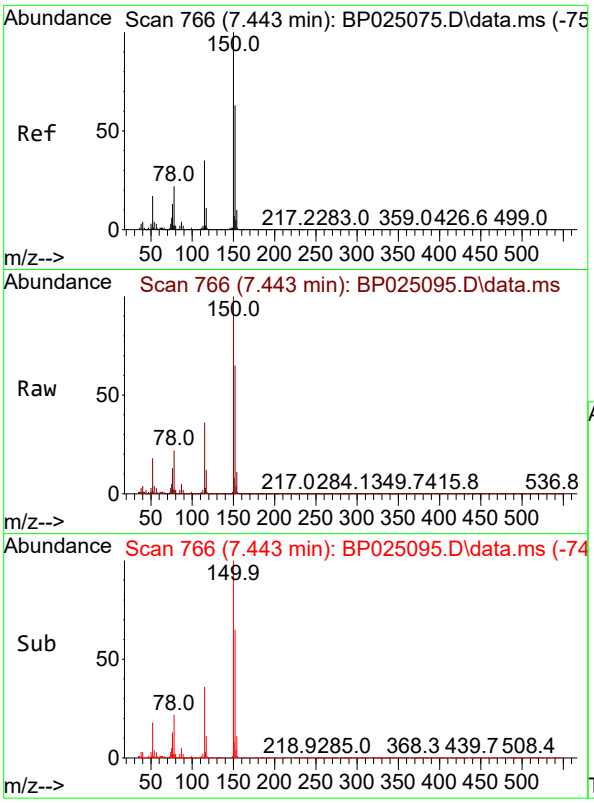
Sample Results: **BP025095.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025095.D
Acq On : 10 Jul 2025 23:13
Operator : CG/JU
Sample : Q2487-13DL 4X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Quant Time: Jul 11 02:33:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



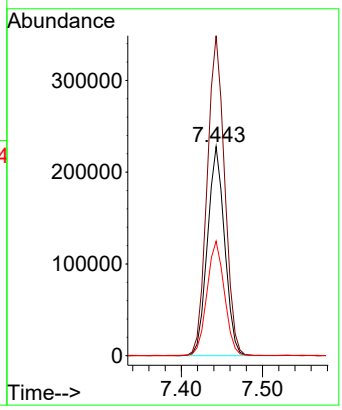


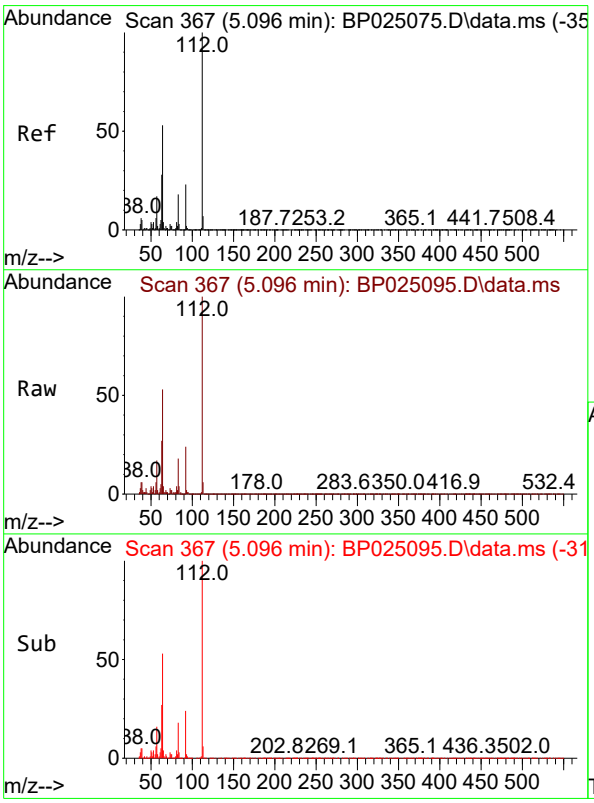
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:152 Resp: 333631

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.1	189.1
115	54.8	44.3	66.5

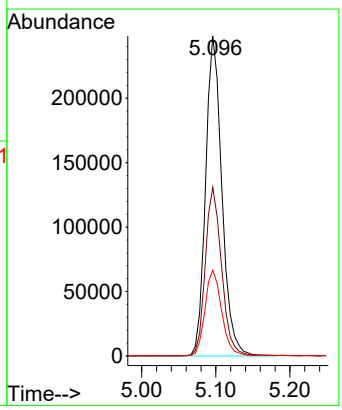


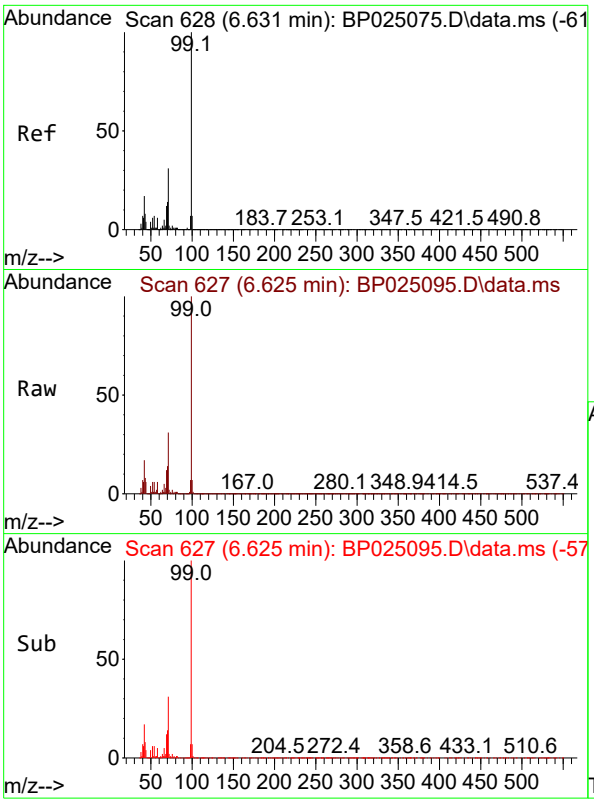


#5
2-Fluorophenol
Concen: 20.161 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:112 Resp: 379629

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.0	63.0
63	26.8	22.2	33.2



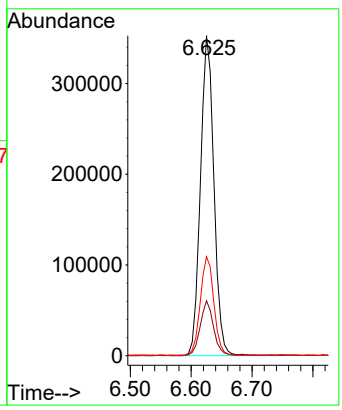


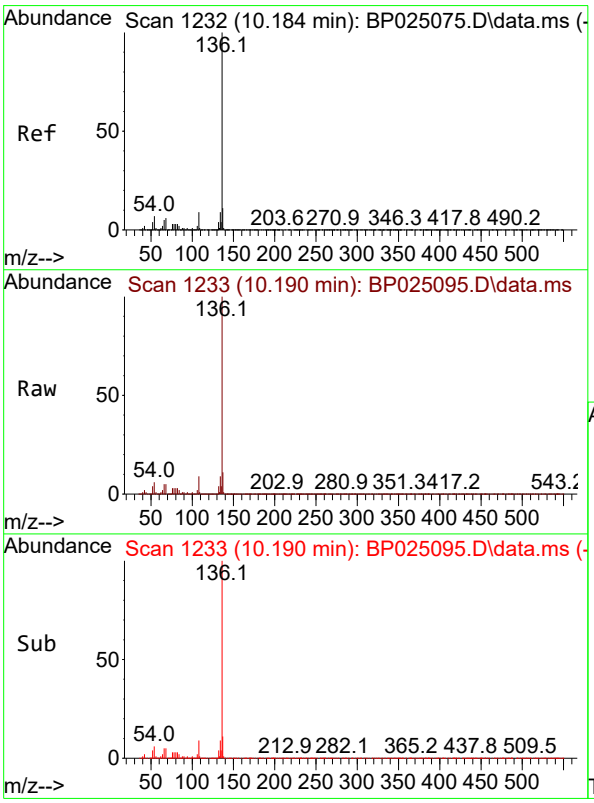
#7
Phenol-d6
Concen: 21.996 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion: 99 Resp: 540479

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	30.9	24.4	36.6

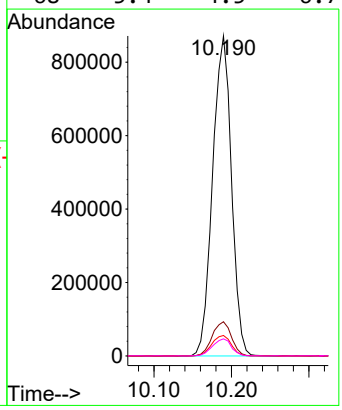


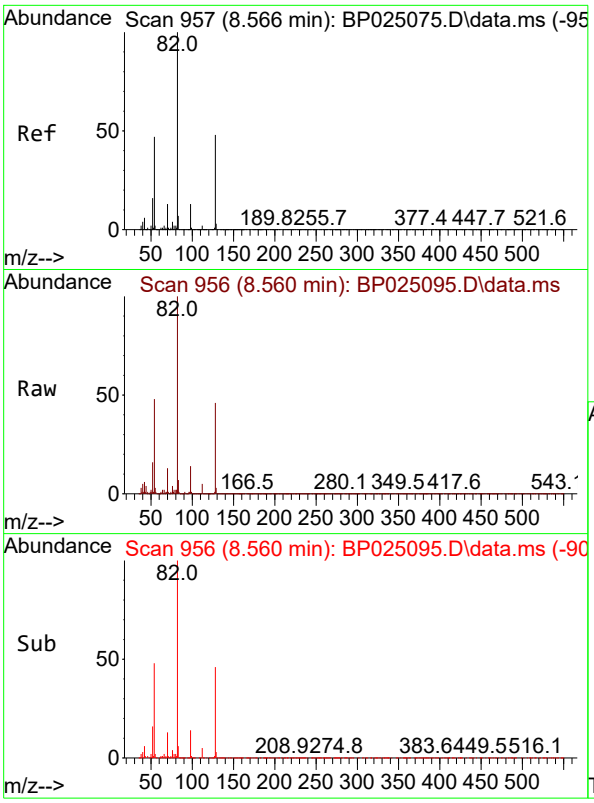


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:136 Resp: 1470190

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.4	5.4	8.2
68	5.4	4.5	6.7



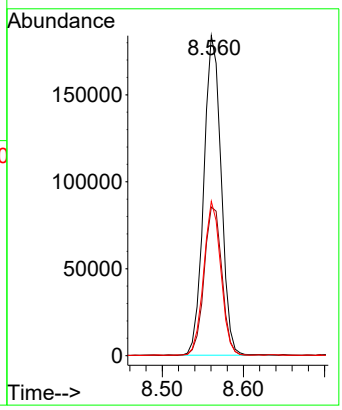


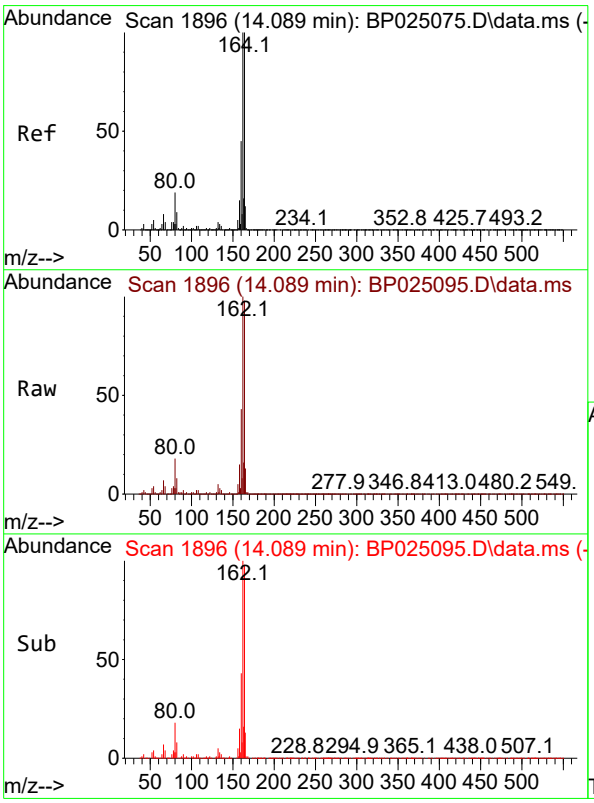
#23
Nitrobenzene-d5
Concen: 12.327 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion: 82 Resp: 272510

Ion	Ratio	Lower	Upper
82	100		
128	46.5	38.4	57.6
54	48.3	37.8	56.6

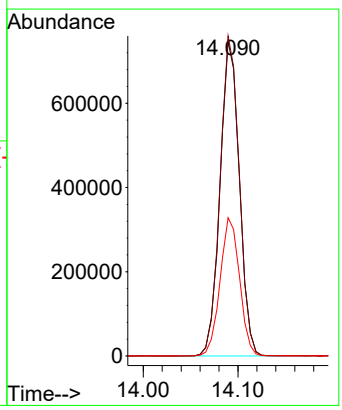


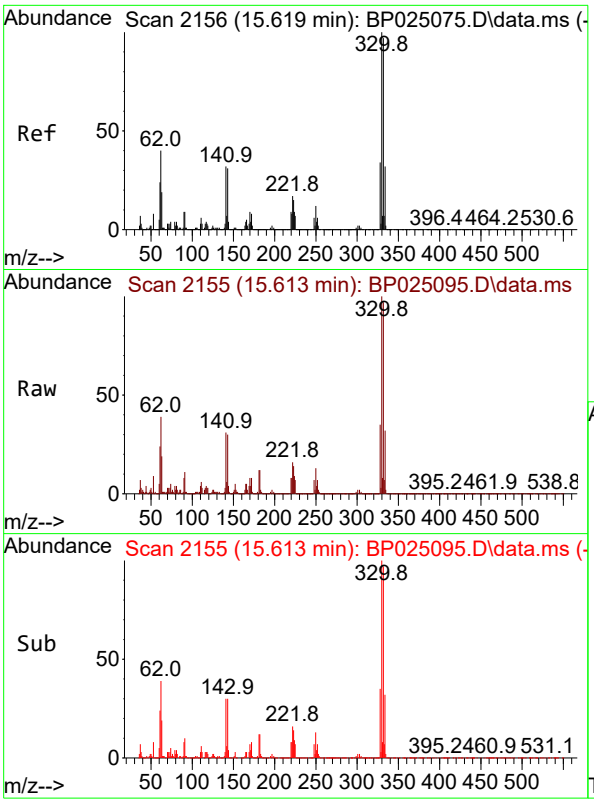


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:164 Resp: 1059536

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.3	120.5
160	44.0	35.9	53.9



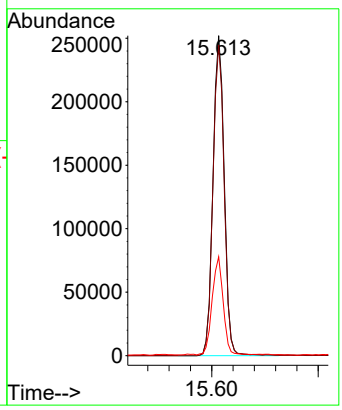


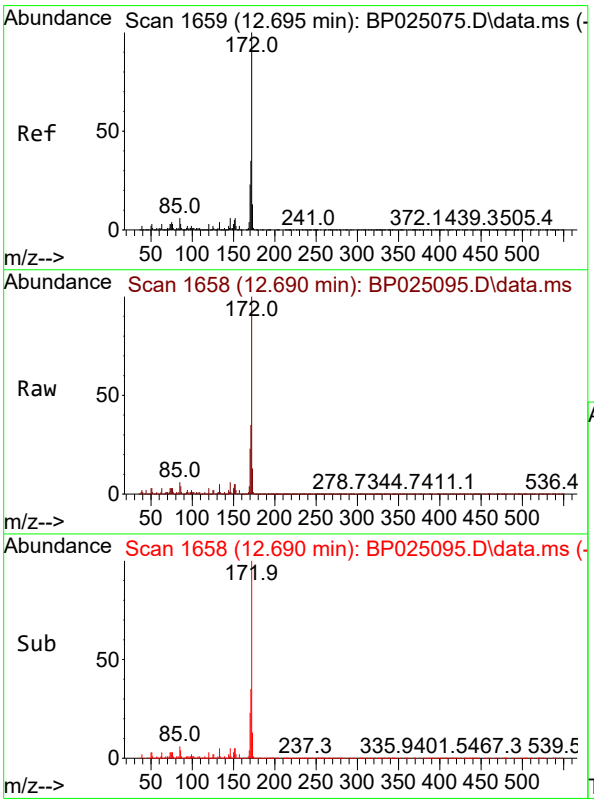
#42
2,4,6-Tribromophenol
Concen: 29.519 ng
RT: 15.613 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:330 Resp: 369480

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.7	116.5
141	30.0	26.0	39.0

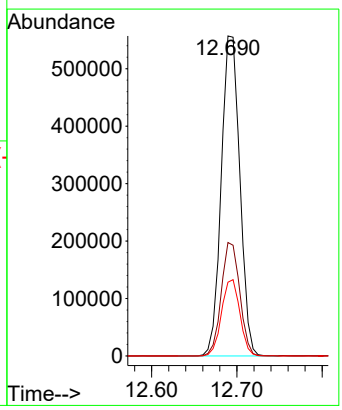


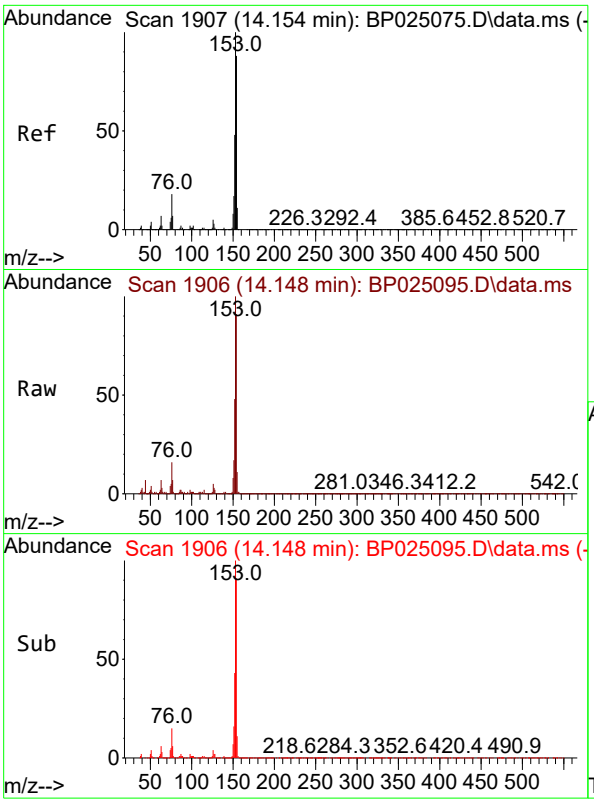


#45
2-Fluorobiphenyl
Concen: 12.355 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:172 Resp: 845029

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.1	18.7	28.1



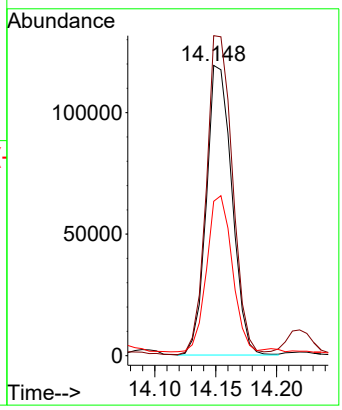


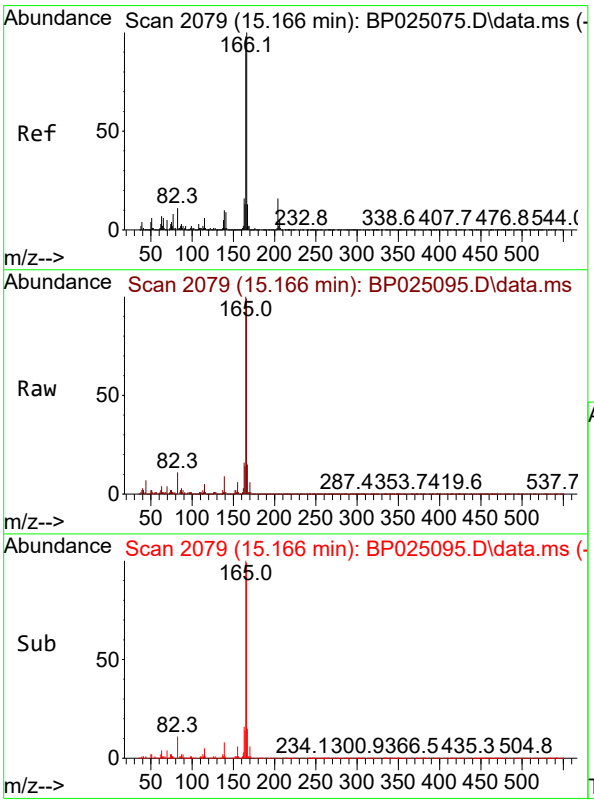
#52
Acenaphthene
Concen: 3.046 ng
RT: 14.148 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:154 Resp: 174082

Ion	Ratio	Lower	Upper
154	100		
153	110.3	90.6	136.0
152	53.2	43.8	65.8

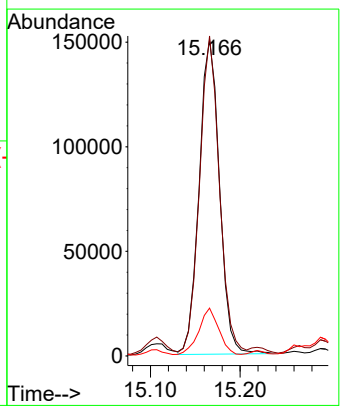


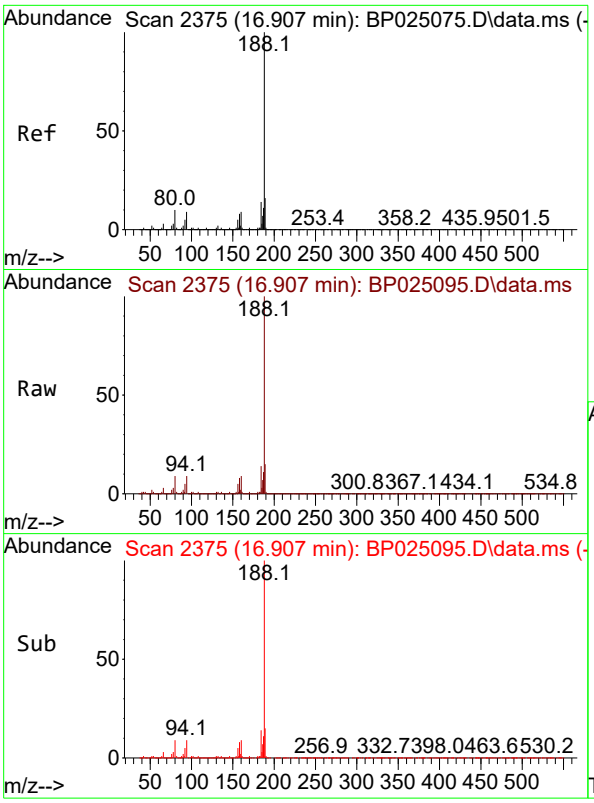


#58
Fluorene
Concen: 3.247 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:166 Resp: 236932

Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.6	117.8
167	15.1	10.7	16.1



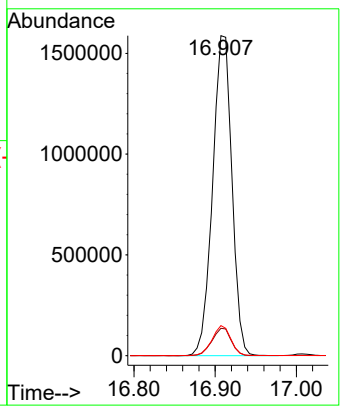


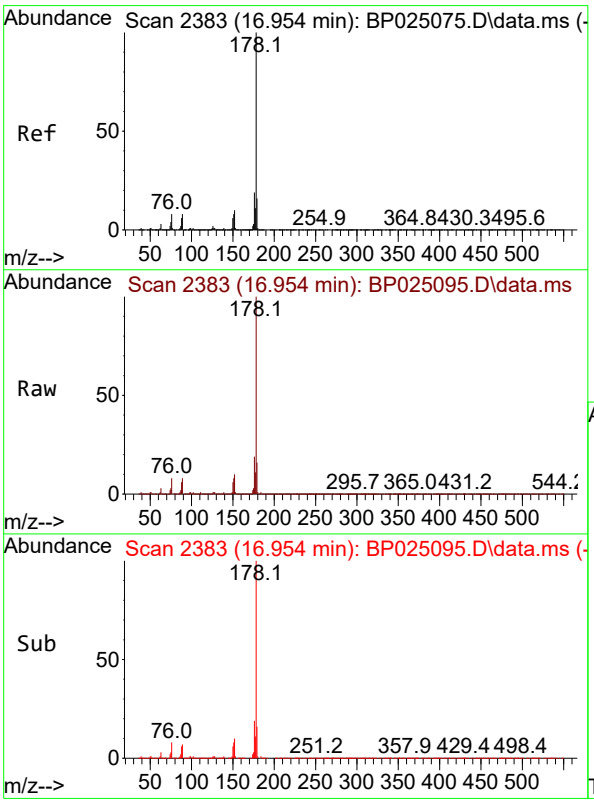
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:188 Resp: 2622856

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.4	7.8	11.6

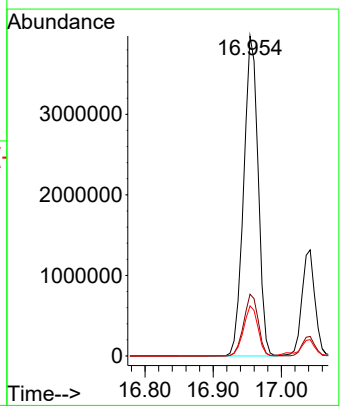


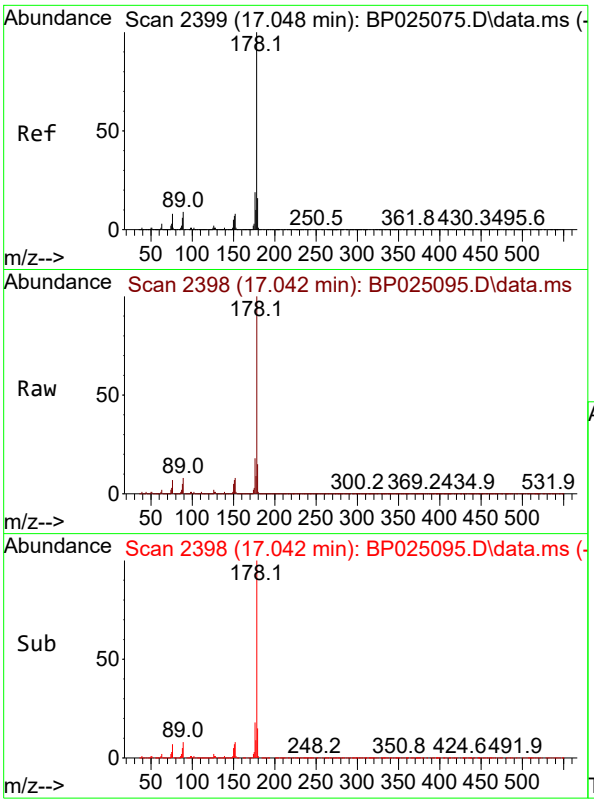


#71
Phenanthrene
Concen: 41.633 ng
RT: 16.954 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:178 Resp: 5834841

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	19.0



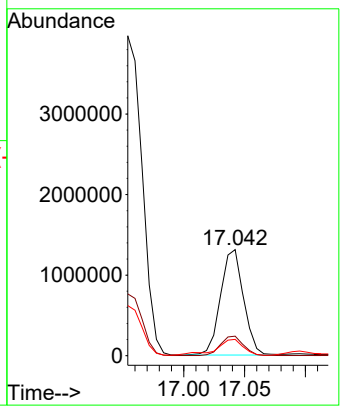


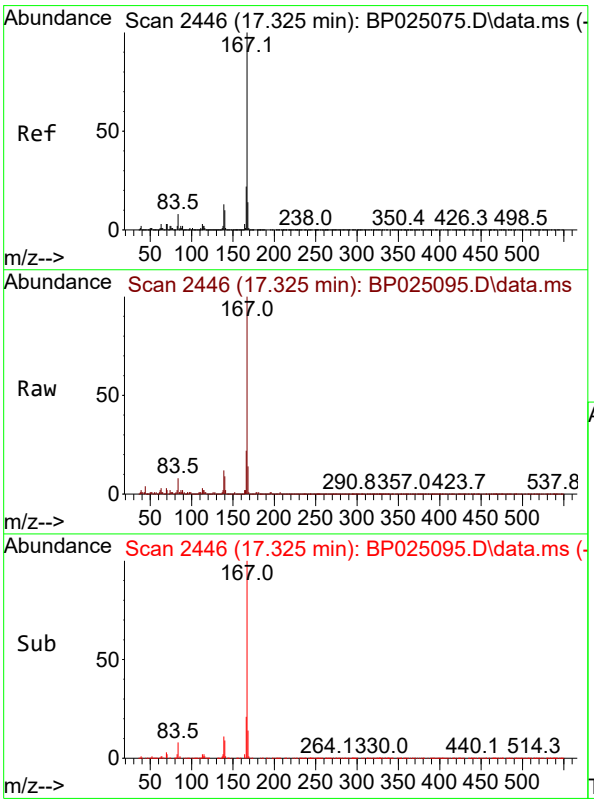
#72
Anthracene
Concen: 12.803 ng
RT: 17.042 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:178 Resp: 1721501

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.4	12.5	18.7

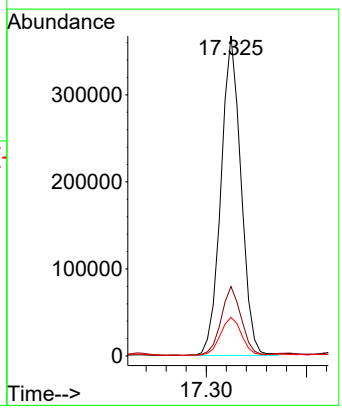


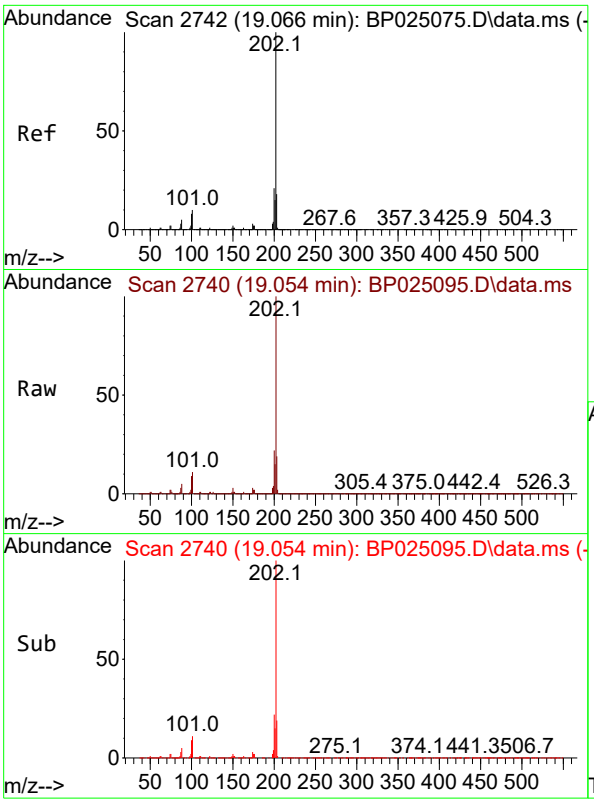


#73
Carbazole
Concen: 3.874 ng
RT: 17.325 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:167 Resp: 509304

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	12.1	10.4	15.6



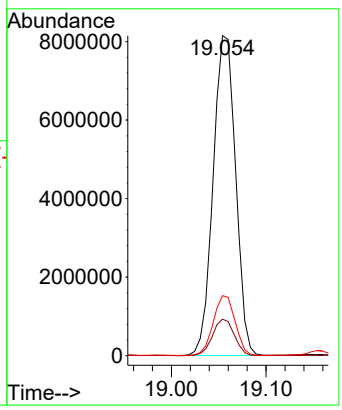


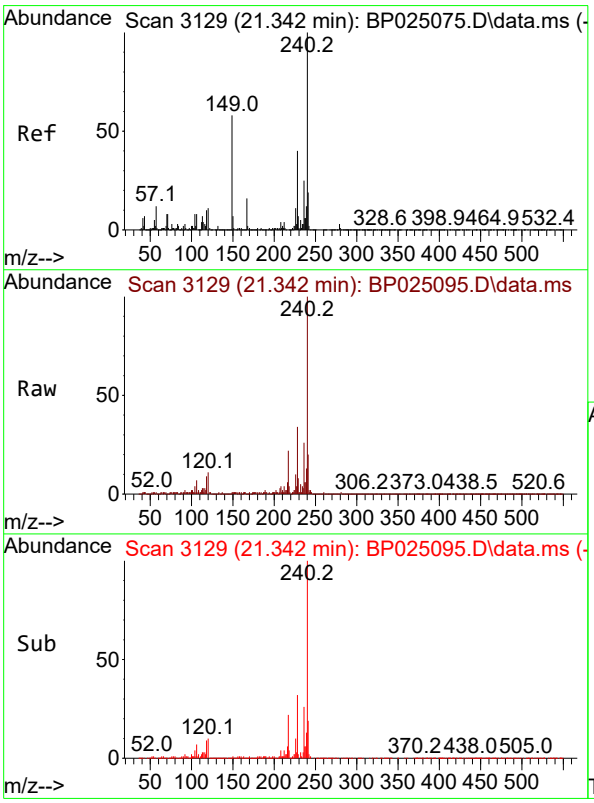
#75
Fluoranthene
Concen: 82.118 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:202 Resp:13452670

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.4
203	18.7	0.0	37.6

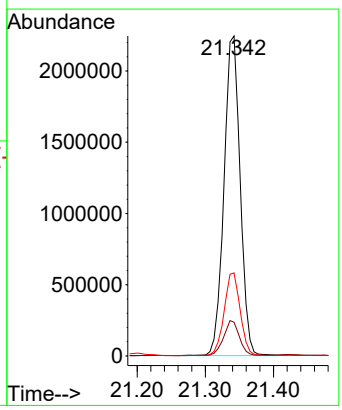


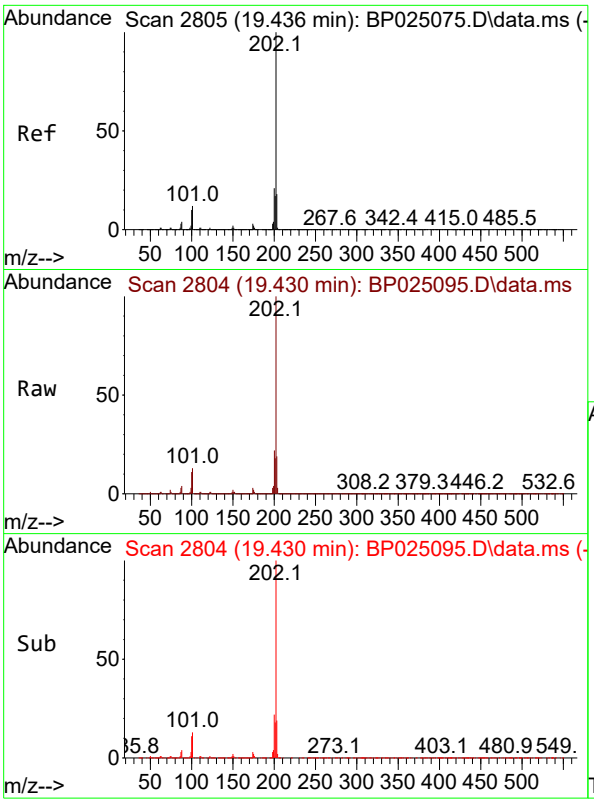


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:240 Resp: 3703134

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.0	13.4
236	26.0	20.3	30.5



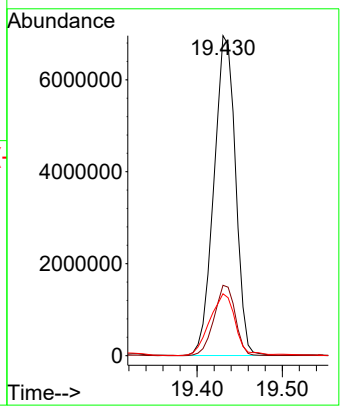


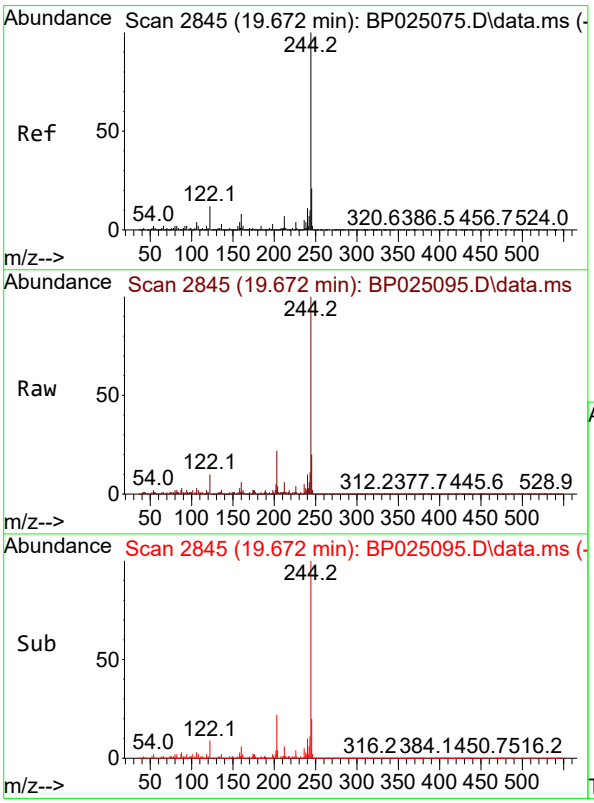
#78
Pyrene
Concen: 53.504 ng
RT: 19.430 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:202 Resp:12272040

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.1	25.7
203	19.3	14.1	21.1

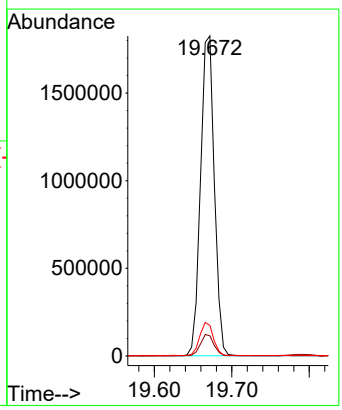


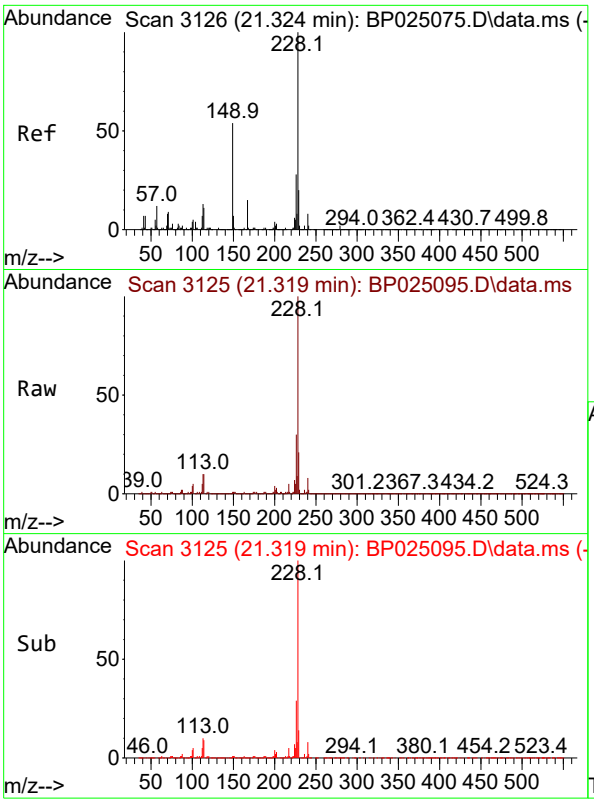


#79
Terphenyl-d14
Concen: 13.420 ng
RT: 19.672 min Scan# 2845
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:244 Resp: 2261108

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.9	8.9
122	9.5	9.4	14.2



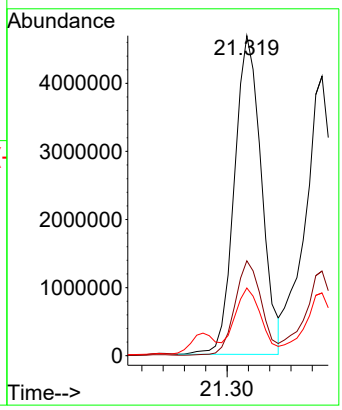


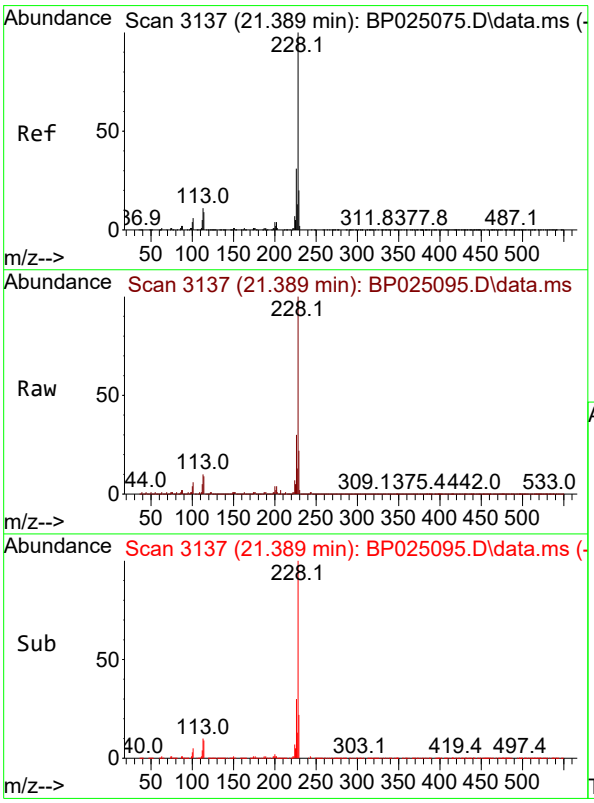
#81
Benzo(a)anthracene
Concen: 36.752 ng
RT: 21.319 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:228 Resp: 8247694

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.1	33.1
229	21.2	16.0	24.0

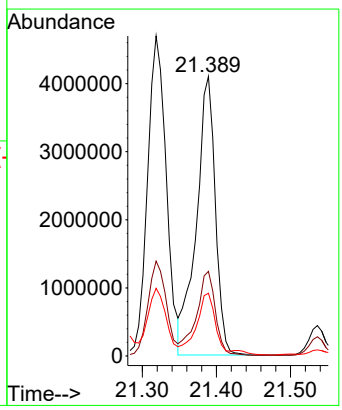


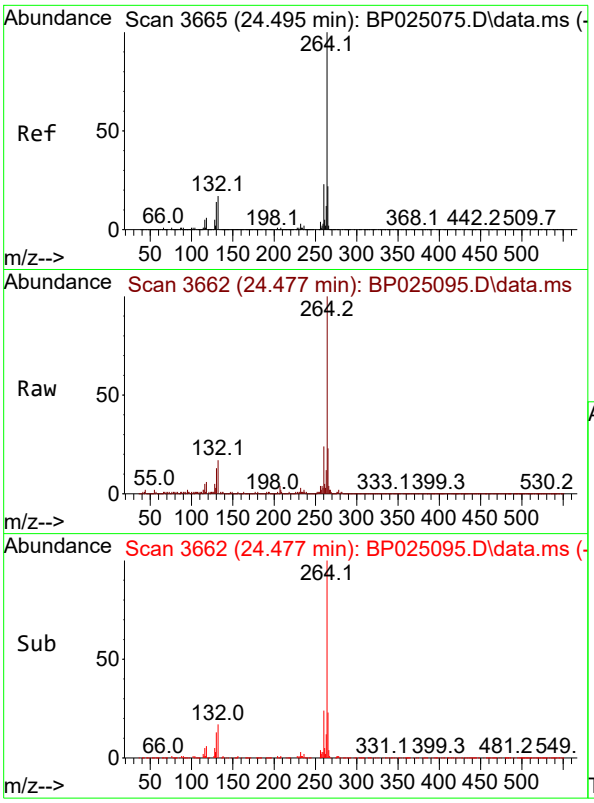


#83
Chrysene
Concen: 33.796 ng
RT: 21.389 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:228 Resp: 7298711

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	22.5	16.0	24.0



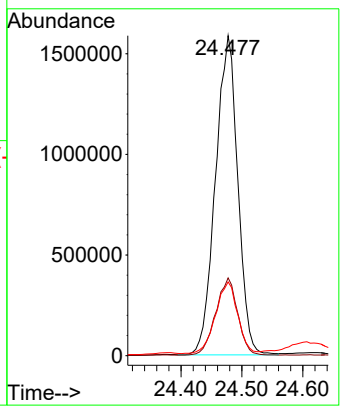


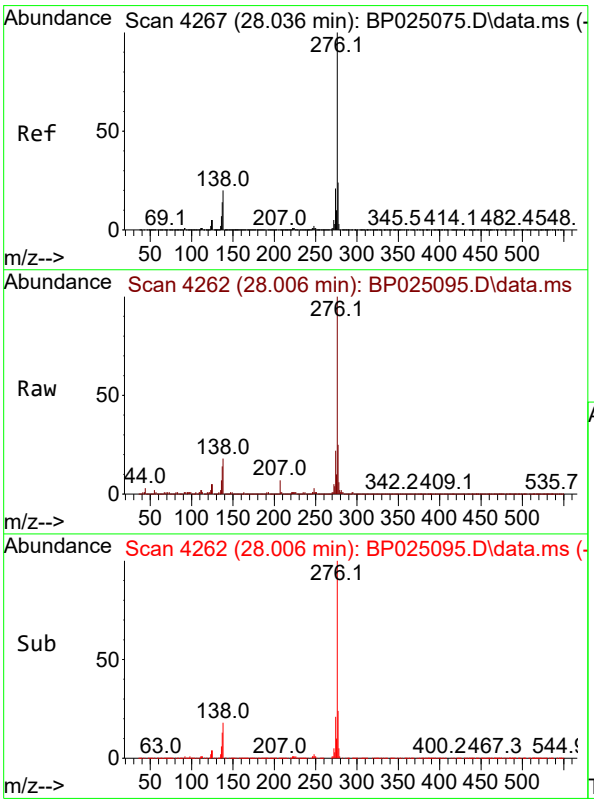
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:264 Resp: 4039718

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	23.1	17.7	26.5

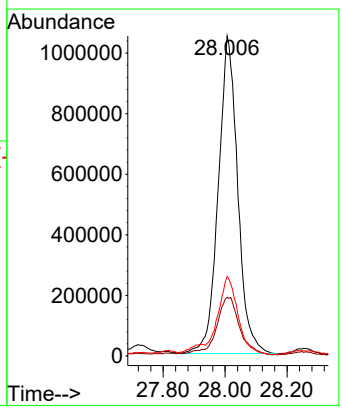


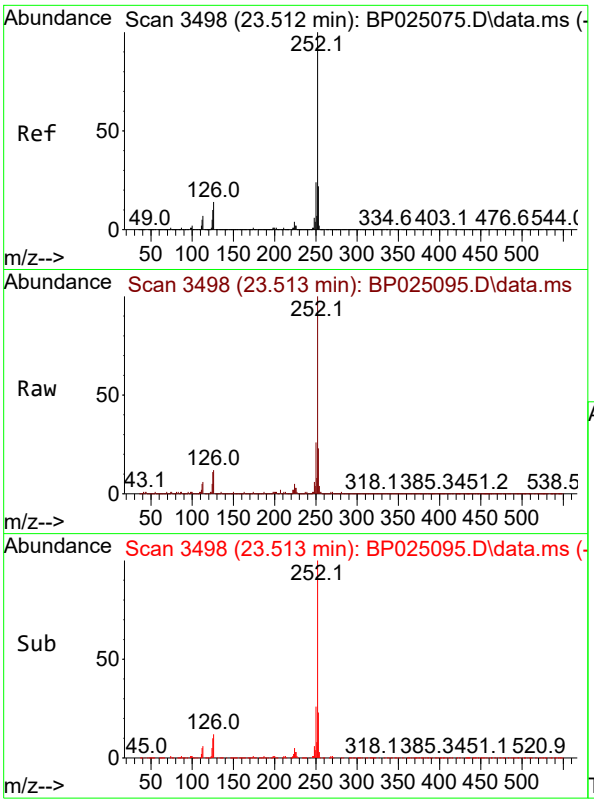


#87
Indeno(1,2,3-cd)pyrene
Concen: 17.739 ng
RT: 28.006 min Scan# 4262
Delta R.T. -0.029 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:276 Resp: 4565288

Ion	Ratio	Lower	Upper
276	100		
138	21.7	13.0	19.6#
277	24.7	15.9	23.9#



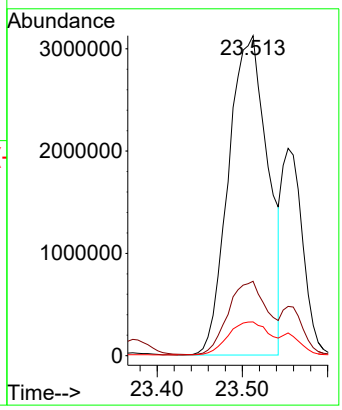


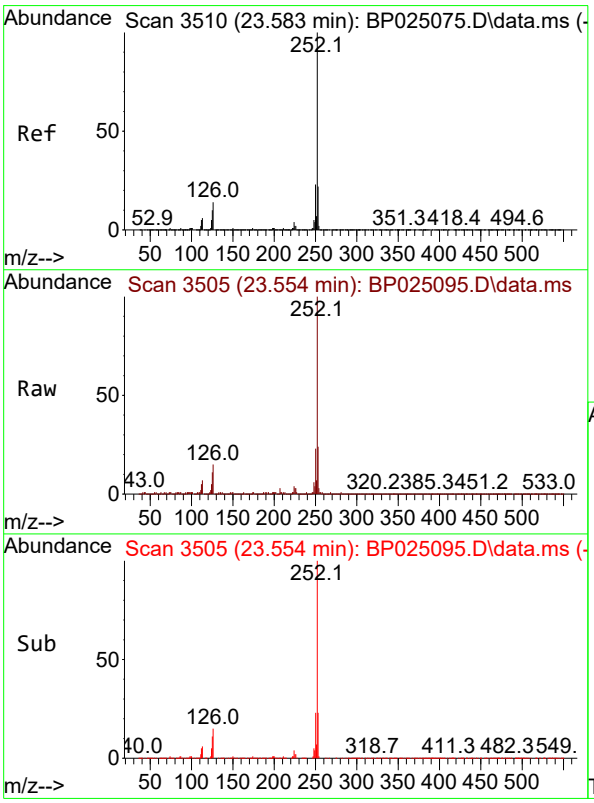
#88
Benzo(b)fluoranthene
Concen: 42.575 ng
RT: 23.513 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:252 Resp:10010862

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.6	8.1	12.1

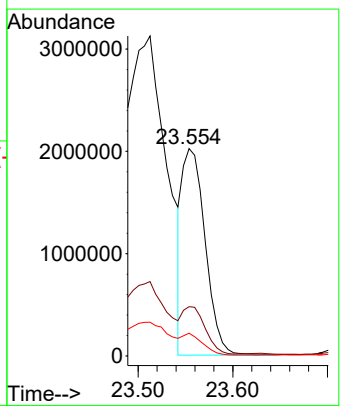


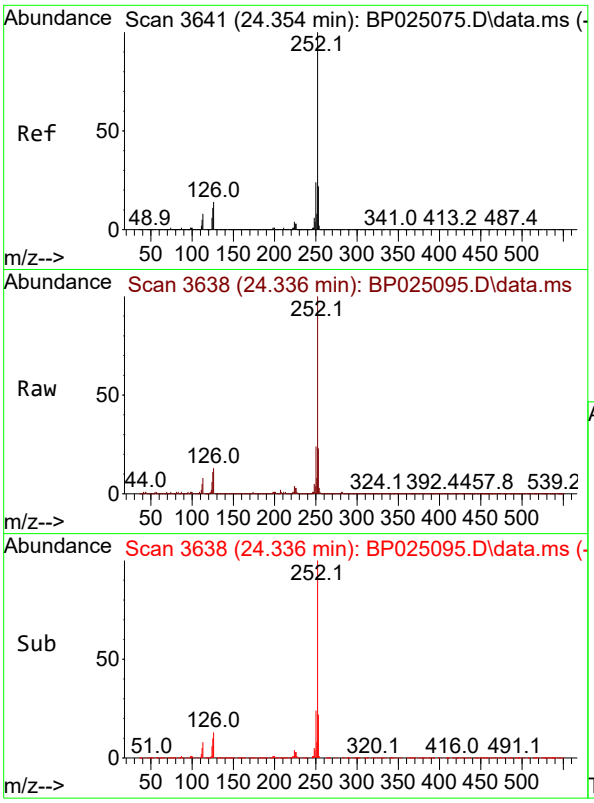


#89
Benzo(k)fluoranthene
Concen: 14.564 ng
RT: 23.554 min Scan# 3505
Delta R.T. -0.029 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:252 Resp: 3407306

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	11.0	8.2	12.2



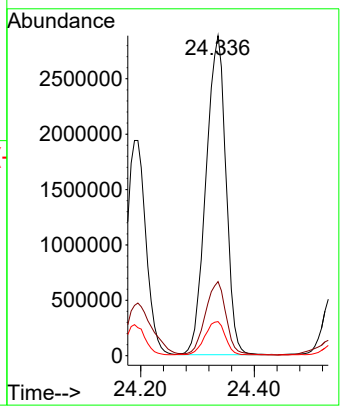


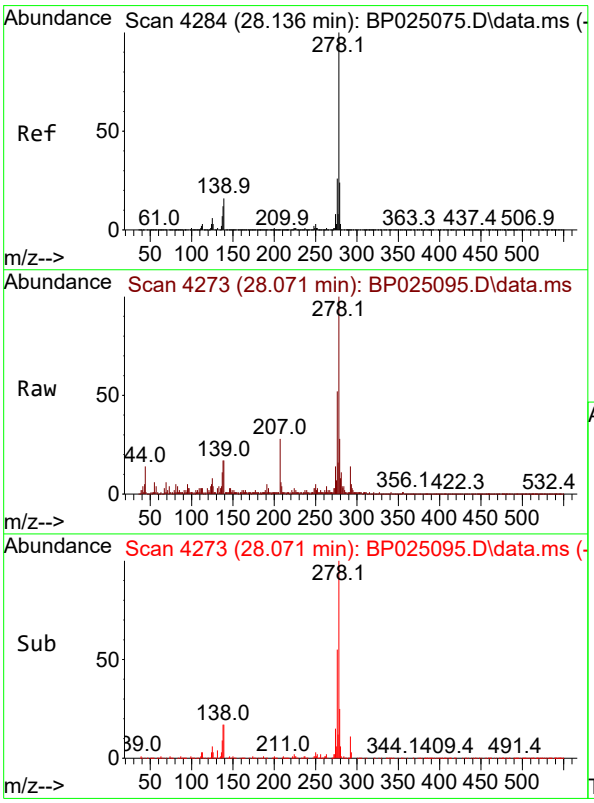
#90
Benzo(a)pyrene
Concen: 34.985 ng
RT: 24.336 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:252 Resp: 7001194

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	10.7	9.0	13.4

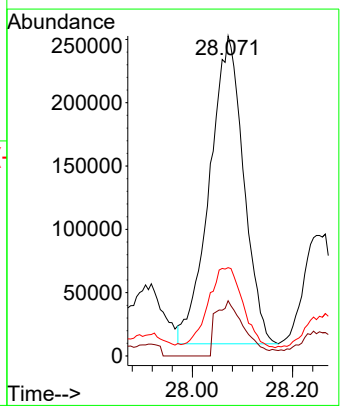


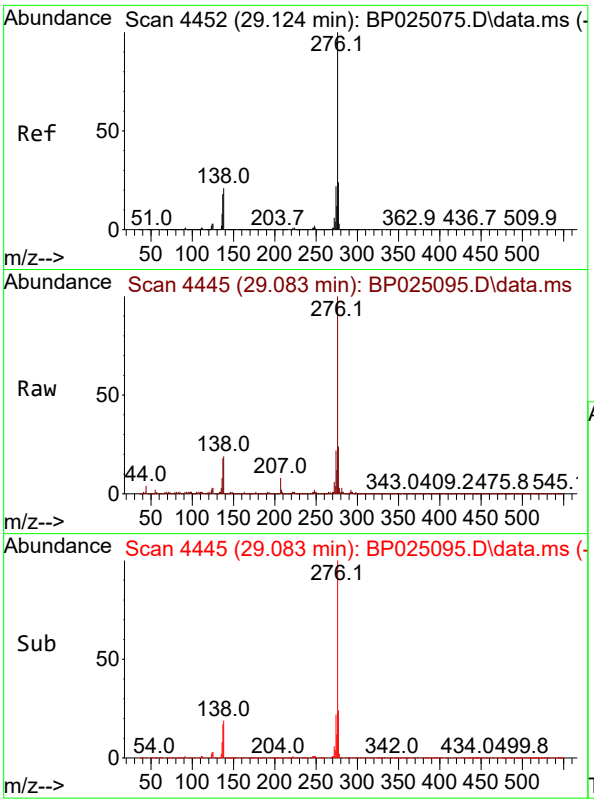


#91
Dibenzo(a,h)anthracene
Concen: 5.391 ng
RT: 28.071 min Scan# 4273
Delta R.T. -0.065 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:278 Resp: 1146758

Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.1	19.7
279	27.6	18.9	28.3



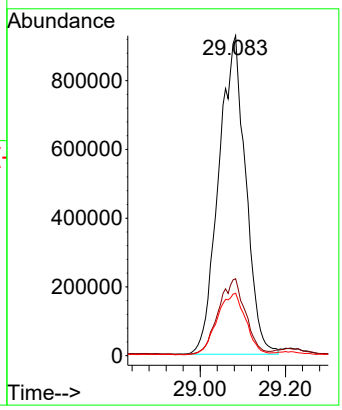


#92
Benzo(g,h,i)perylene
Concen: 18.542 ng
RT: 29.083 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:276 Resp: 4074725

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	19.5	16.9	25.3



Raw Data: **BP025147.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)DL2	SDG No.:	Q2487
Lab Sample ID:	Q2487-13DL2	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.8
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
BP025147.D	8	07/03/25 09:00	07/15/25 15:58	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1400	UD	1400	2900	ug/Kg
108-95-2	Phenol	200	UD	200	1500	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	220	UD	220	1500	ug/Kg
95-57-8	2-Chlorophenol	220	UD	220	1500	ug/Kg
95-48-7	2-Methylphenol	270	UD	270	1500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	330	UD	330	1500	ug/Kg
98-86-2	Acetophenone	260	UD	260	1500	ug/Kg
65794-96-9	3+4-Methylphenols	370	UD	370	2900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	420	UD	420	710	ug/Kg
67-72-1	Hexachloroethane	160	UD	160	1500	ug/Kg
98-95-3	Nitrobenzene	160	UD	160	1500	ug/Kg
78-59-1	Isophorone	290	UD	290	1500	ug/Kg
88-75-5	2-Nitrophenol	520	UD	520	1500	ug/Kg
105-67-9	2,4-Dimethylphenol	580	UD	580	1500	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	UD	270	1500	ug/Kg
120-83-2	2,4-Dichlorophenol	250	UD	250	1500	ug/Kg
91-20-3	Naphthalene	200	UD	200	1500	ug/Kg
106-47-8	4-Chloroaniline	310	UD	310	1500	ug/Kg
87-68-3	Hexachlorobutadiene	230	UD	230	1500	ug/Kg
105-60-2	Caprolactam	460	UD	460	2900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	UD	260	1500	ug/Kg
91-57-6	2-Methylnaphthalene	230	UD	230	1500	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	UD	1000	2900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180	UD	180	1500	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260	UD	260	1500	ug/Kg
92-52-4	1,1-Biphenyl	190	UD	190	1500	ug/Kg
91-58-7	2-Chloronaphthalene	200	UD	200	1500	ug/Kg
88-74-4	2-Nitroaniline	430	UD	430	1500	ug/Kg
131-11-3	Dimethylphthalate	240	UD	240	1500	ug/Kg

Raw Data: **BP025147.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)DL2	SDG No.:	Q2487
Lab Sample ID:	Q2487-13DL2	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.8
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
BP025147.D	8	07/03/25 09:00	07/15/25 15:58	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	260	UD	260	1500	ug/Kg
606-20-2	2,6-Dinitrotoluene	300	UD	300	1500	ug/Kg
99-09-2	3-Nitroaniline	410	UD	410	1500	ug/Kg
83-32-9	Acenaphthene	190	UD	190	1500	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	UD	2000	2900	ug/Kg
100-02-7	4-Nitrophenol	950	UD	950	2900	ug/Kg
132-64-9	Dibenzofuran	200	UD	200	1500	ug/Kg
121-14-2	2,4-Dinitrotoluene	450	UD	450	1500	ug/Kg
84-66-2	Diethylphthalate	250	UD	250	1500	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	240	UD	240	1500	ug/Kg
86-73-7	Fluorene	230	UD	230	1500	ug/Kg
100-01-6	4-Nitroaniline	570	UD	570	1500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	920	UD	920	2900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	290	UD	290	1500	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	UD	250	1500	ug/Kg
118-74-1	Hexachlorobenzene	230	UD	230	1500	ug/Kg
1912-24-9	Atrazine	300	UD	300	1500	ug/Kg
87-86-5	Pentachlorophenol	460	UD	460	2900	ug/Kg
85-01-8	Phenanthrene	5600	D	190	1500	ug/Kg
120-12-7	Anthracene	1600	D	300	1500	ug/Kg
86-74-8	Carbazole	280	UD	280	1500	ug/Kg
84-74-2	Di-n-butylphthalate	430	UD	430	1500	ug/Kg
206-44-0	Fluoranthene	9900	D	270	1500	ug/Kg
129-00-0	Pyrene	8500	D	320	1500	ug/Kg
85-68-7	Butylbenzylphthalate	640	UD	640	1500	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	UD	330	2900	ug/Kg
56-55-3	Benzo(a)anthracene	5100	D	200	1500	ug/Kg
218-01-9	Chrysene	4500	D	180	1500	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	530	UD	530	1500	ug/Kg
117-84-0	Di-n-octyl phthalate	770	UD	770	2900	ug/Kg
205-99-2	Benzo(b)fluoranthene	5500	D	170	1500	ug/Kg

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)DL2	SDG No.:	Q2487
Lab Sample ID:	Q2487-13DL2	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.8
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
BP025147.D	8	07/03/25 09:00	07/15/25 15:58	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1900	D	200	1500	ug/Kg
50-32-8	Benzo(a)pyrene	4700	D	260	1500	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2600	D	260	1500	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	780	JD	240	1500	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2800	D	230	1500	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	230	UD	230	1500	ug/Kg
123-91-1	1,4-Dioxane	400	UD	400	1500	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	UD	240	1500	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	68.0		18 - 112	45%	SPK: 150
13127-88-3	Phenol-d6	70.2		15 - 107	47%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.5		18 - 107	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.6		20 - 109	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	81.7		10 - 116	54%	SPK: 150
1718-51-0	Terphenyl-d14	55.9		10 - 105	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	680000	7.443			
1146-65-2	Naphthalene-d8	2800000	10.19			
15067-26-2	Acenaphthene-d10	1840000	14.084			
1517-22-2	Phenanthrene-d10	3740000	16.907			
1719-03-5	Chrysene-d12	3880000	21.342			
1520-96-3	Perylene-d12	4510000	24.495			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025147.D
Acq On : 15 Jul 2025 15:58
Operator : CG/JU
Sample : Q2487-13DL2 8X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Quant Time: Jul 15 16:20:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

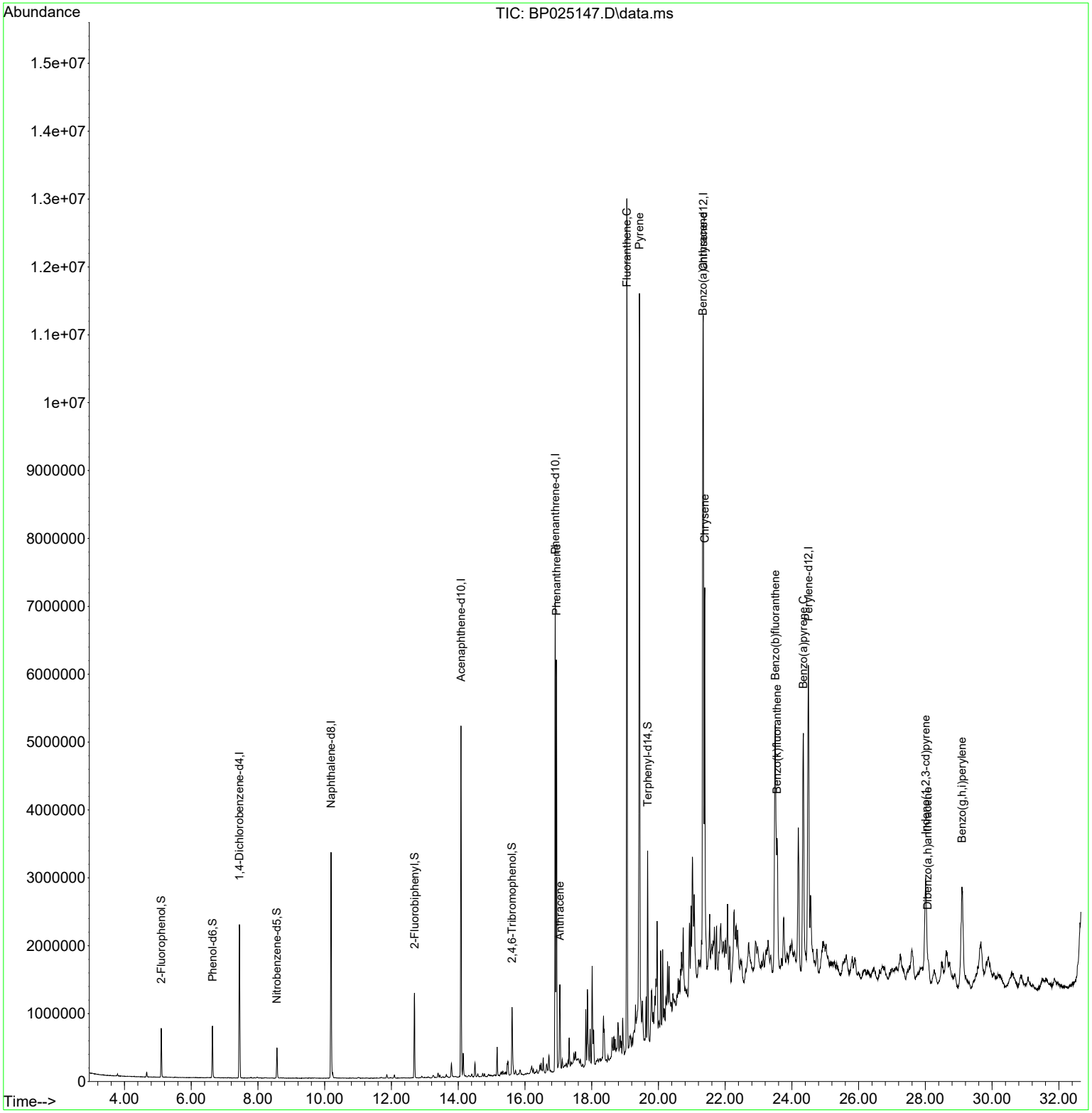
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	679768	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	2796862	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1841256	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	3743453	20.000	ng		0.00
76) Chrysene-d12	21.342	240	3883440	20.000	ng		0.00
86) Perylene-d12	24.495	264	4506340	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	325990	8.497	ng		0.00
7) Phenol-d6	6.637	99	439408	8.777	ng		0.00
23) Nitrobenzene-d5	8.566	82	244365	5.811	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	222033	10.208	ng		0.00
45) 2-Fluorobiphenyl	12.690	172	692184	5.824	ng		0.00
79) Terphenyl-d14	19.677	244	1235387	6.992	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	16.942	178	3776972	18.882	ng		100
72) Anthracene	17.048	178	1046827	5.455	ng		99
75) Fluoranthene	19.054	202	7767016	33.219	ng		99
78) Pyrene	19.430	202	6925379	28.792	ng		98
81) Benzo(a)anthracene	21.330	228	4010376	17.041	ng		99
83) Chrysene	21.389	228	3441105	15.194	ng		98
87) Indeno(1,2,3-cd)pyrene	28.006	276	2484668	8.655	ng	#	89
88) Benzo(b)fluoranthene	23.501	252	4857023	18.518	ng		99
89) Benzo(k)fluoranthene	23.554	252	1653275m	6.335	ng		
90) Benzo(a)pyrene	24.342	252	3527368	15.801	ng		98
91) Dibenzo(a,h)anthracene	28.065	278	622315	2.622	ng	#	91
92) Benzo(g,h,i)perylene	29.095	276	2293087	9.354	ng		99

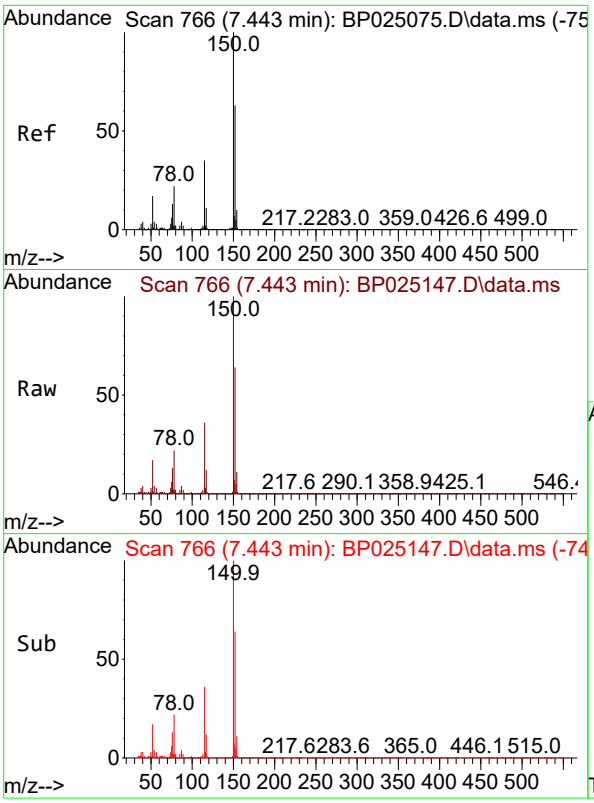
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025147.D
Acq On : 15 Jul 2025 15:58
Operator : CG/JU
Sample : Q2487-13DL2 8X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Quant Time: Jul 15 16:20:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



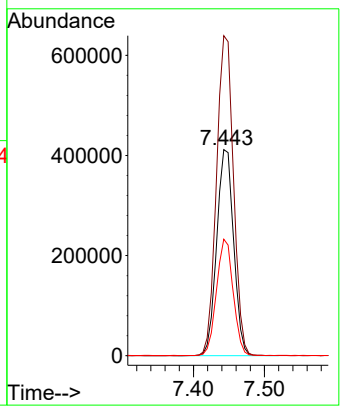


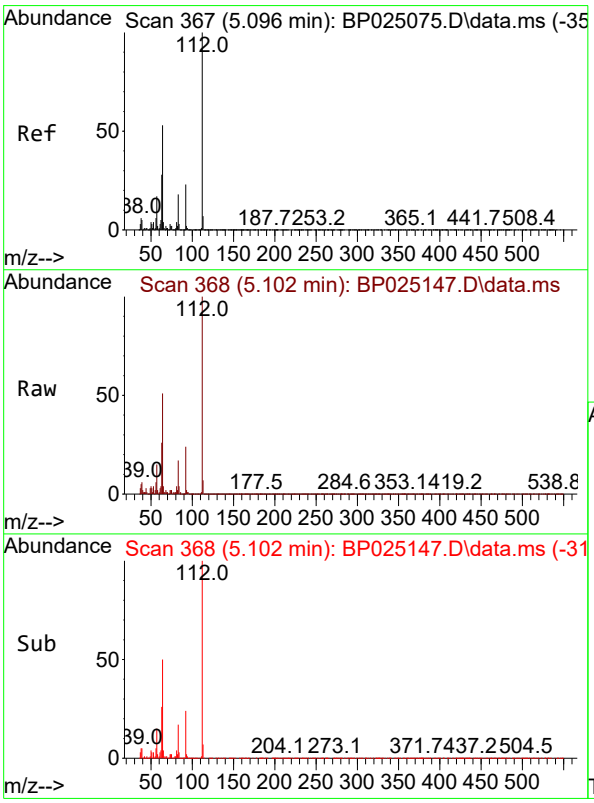
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Tgt Ion:152 Resp: 679768

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.1	189.1
115	56.5	44.3	66.5

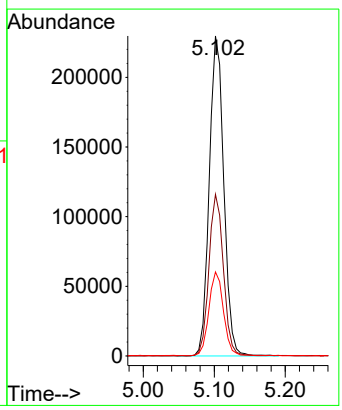


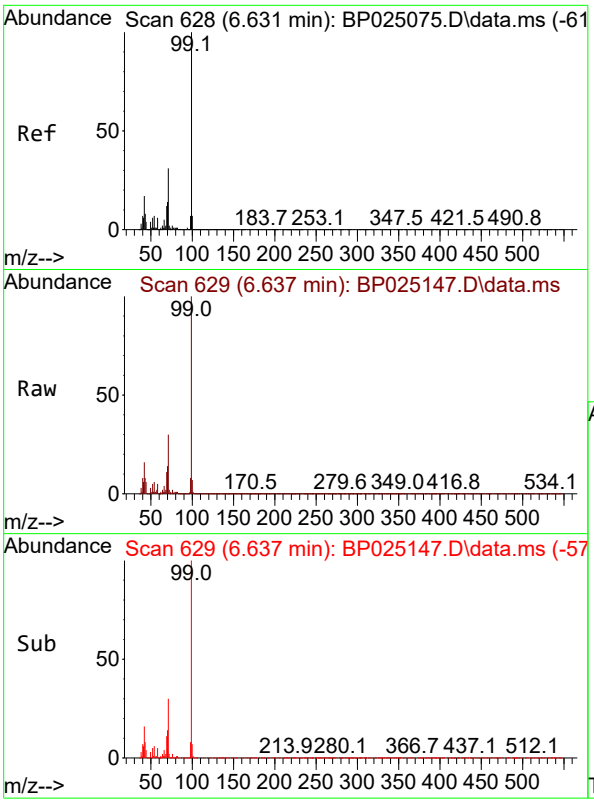


#5
2-Fluorophenol
Concen: 8.497 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Tgt Ion:112 Resp: 325990

Ion	Ratio	Lower	Upper
112	100		
64	50.5	42.0	63.0
63	26.2	22.2	33.2



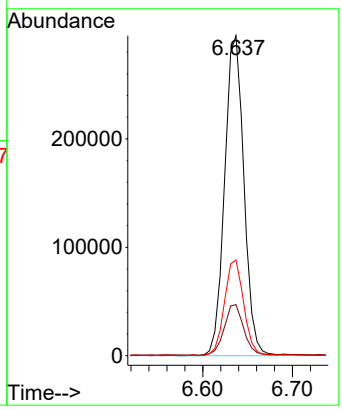


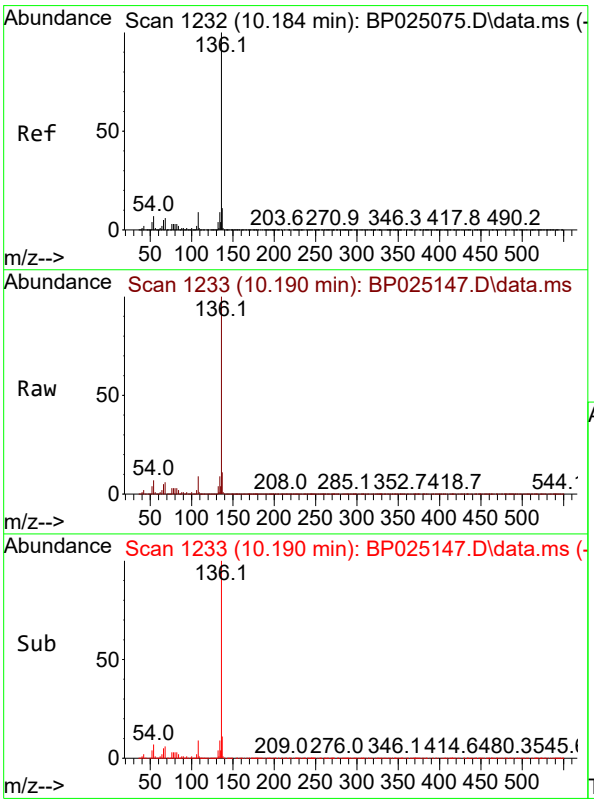
#7
Phenol-d6
Concen: 8.777 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Tgt Ion: 99 Resp: 439408

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.6	20.4
71	29.9	24.4	36.6

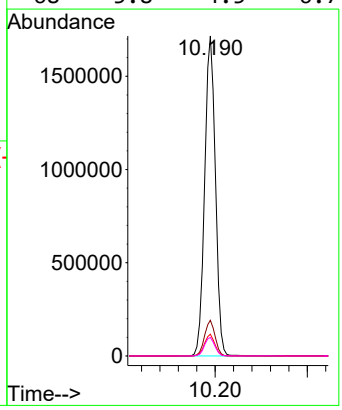


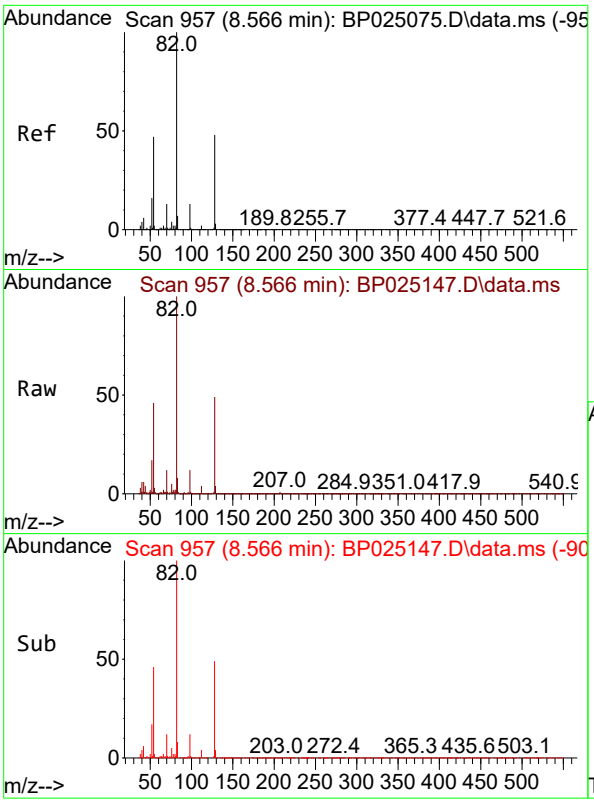


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Tgt Ion:136 Resp: 2796862

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.8	5.4	8.2
68	5.8	4.5	6.7



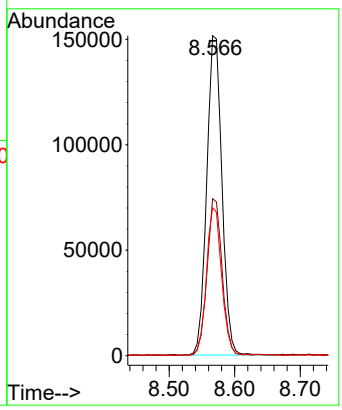


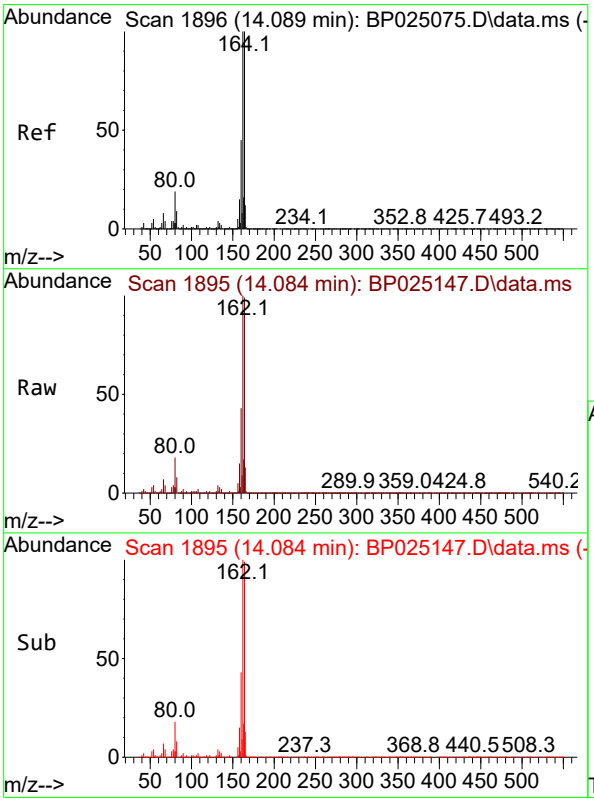
#23
Nitrobenzene-d5
Concen: 5.811 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Tgt Ion: 82 Resp: 244365

Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.4	57.6
54	46.3	37.8	56.6

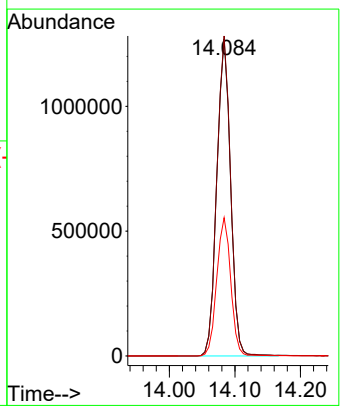


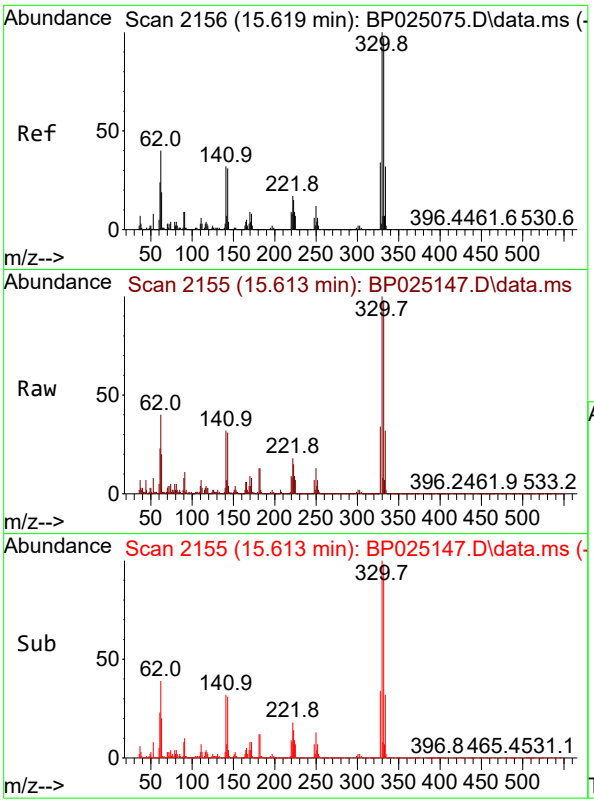


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Tgt Ion:164 Resp: 1841256

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	43.6	35.9	53.9



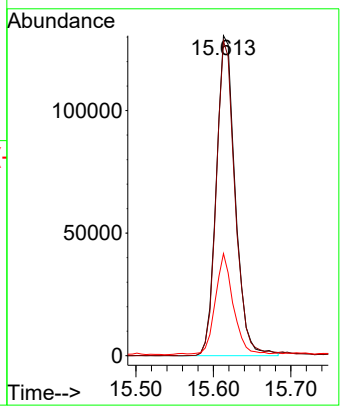


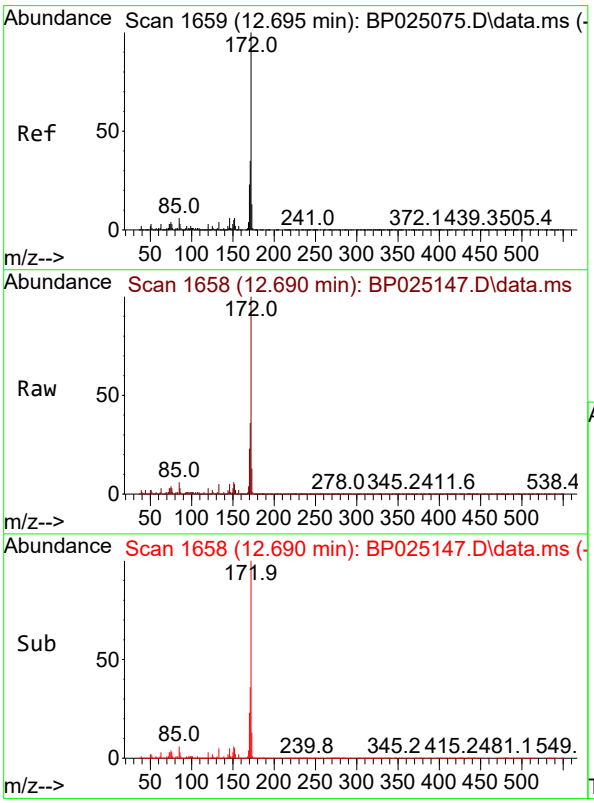
#42
2,4,6-Tribromophenol
Concen: 10.208 ng
RT: 15.613 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Tgt Ion:330 Resp: 222033

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.7	116.5
141	29.1	26.0	39.0

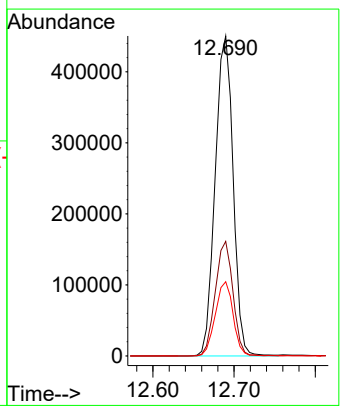


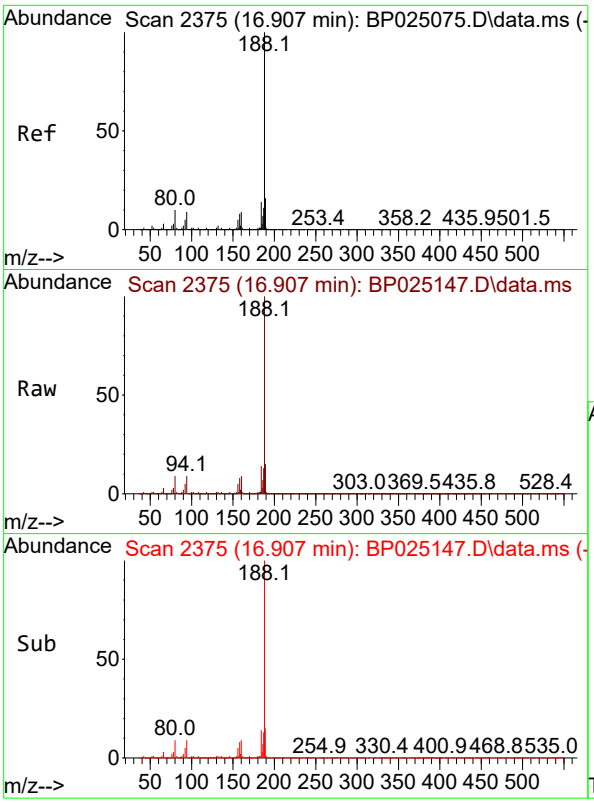


#45
2-Fluorobiphenyl
Concen: 5.824 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Tgt Ion:172 Resp: 692184

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.2	18.7	28.1



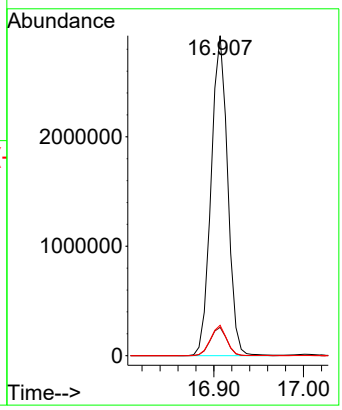


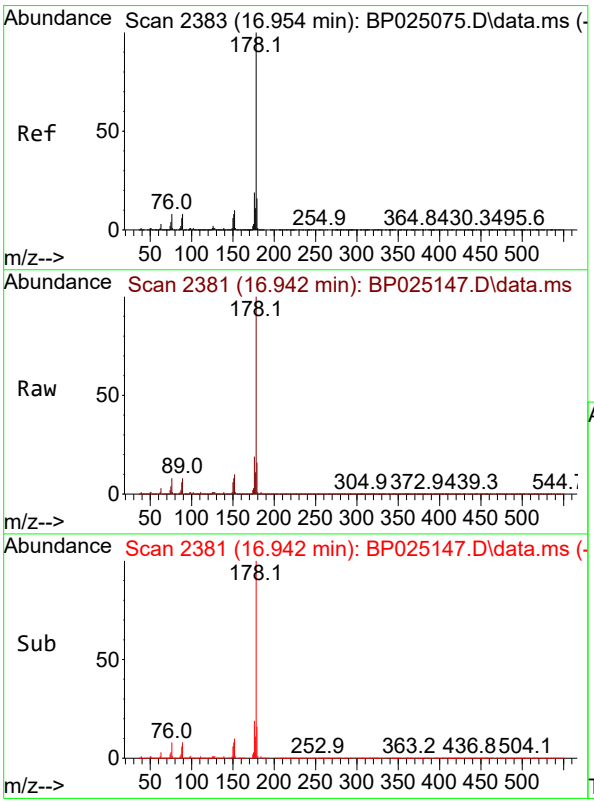
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Tgt Ion:188 Resp: 3743453

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.3	10.9
80	9.5	7.8	11.6

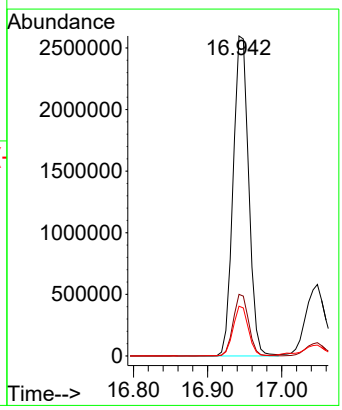


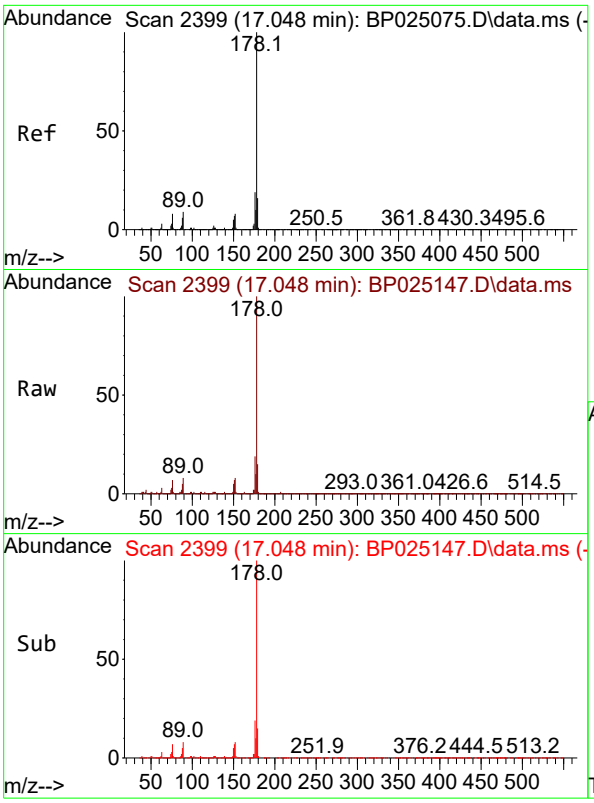


#71
Phenanthrene
Concen: 18.882 ng
RT: 16.942 min Scan# 2381
Delta R.T. -0.012 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Tgt Ion:178 Resp: 3776972

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.6	19.0



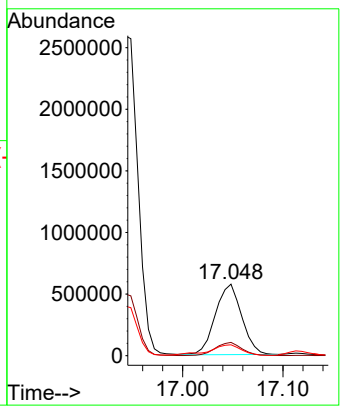


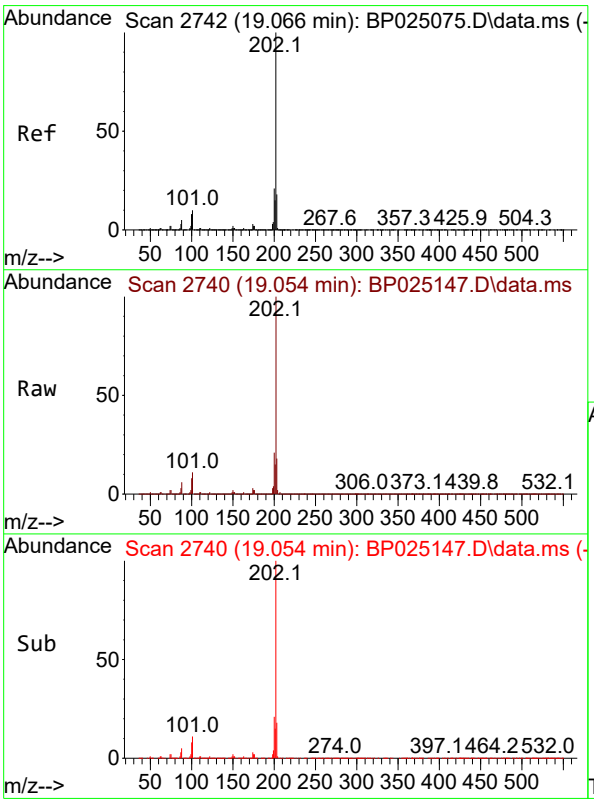
#72
Anthracene
Concen: 5.455 ng
RT: 17.048 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Tgt Ion:178 Resp: 1046827

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.2	12.5	18.7

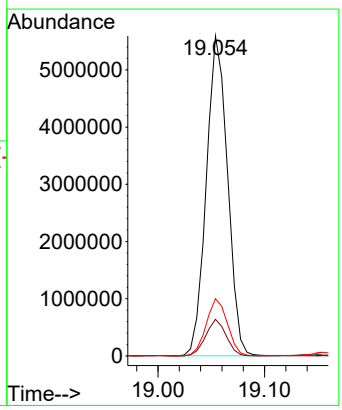


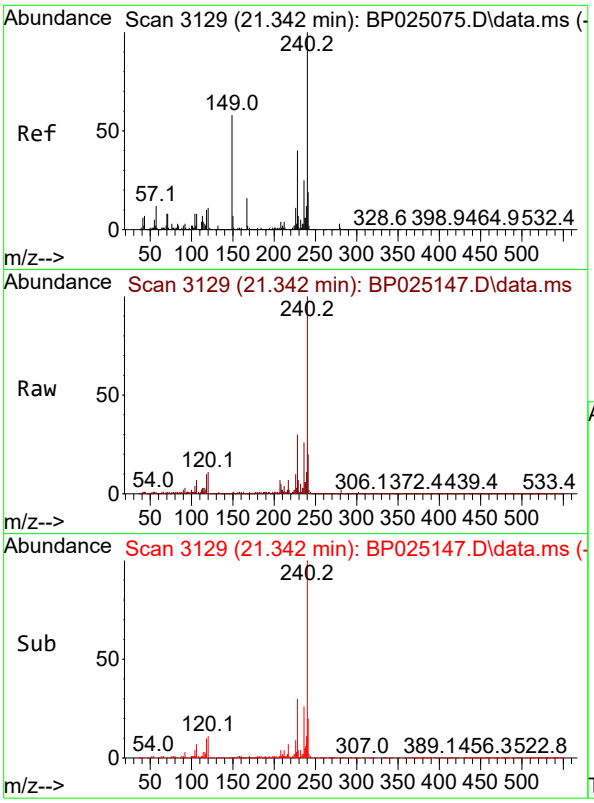


#75
Fluoranthene
Concen: 33.219 ng
RT: 19.054 min Scan# 2740
Delta R.T. -0.012 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Tgt Ion:202 Resp: 7767016

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.4
203	17.9	0.0	37.6



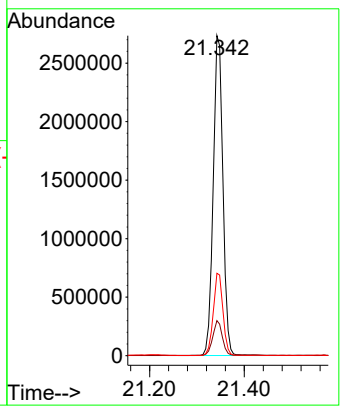


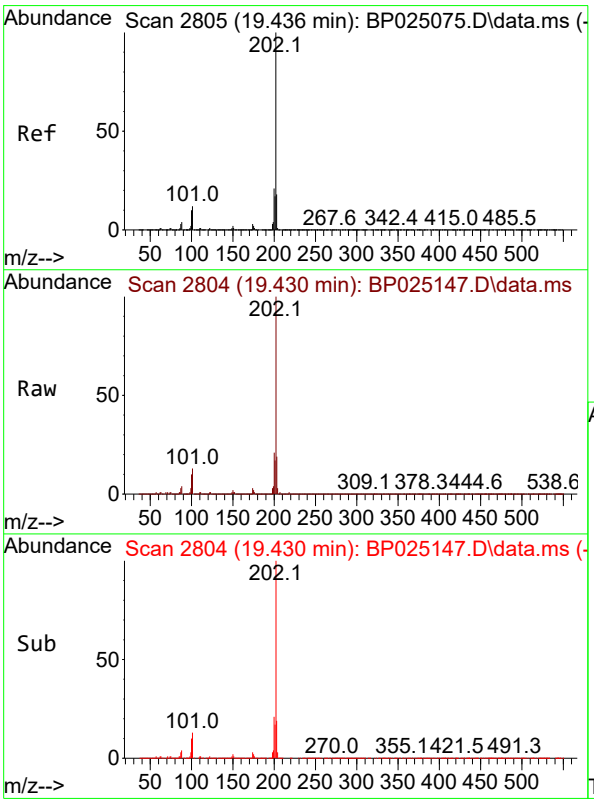
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Tgt Ion:240 Resp: 3883440

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	25.8	20.3	30.5

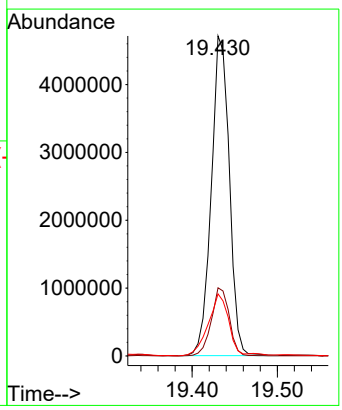


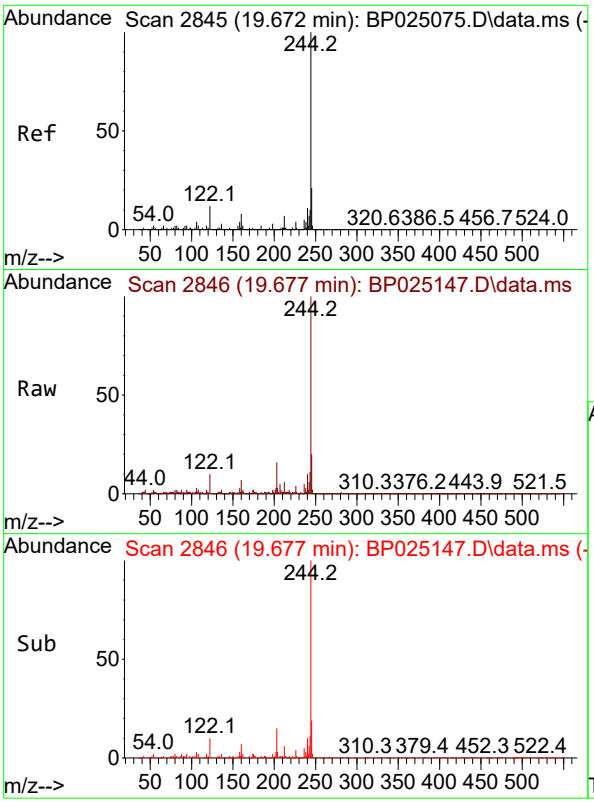


#78
Pyrene
Concen: 28.792 ng
RT: 19.430 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Tgt Ion:202 Resp: 6925379

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	19.4	14.1	21.1



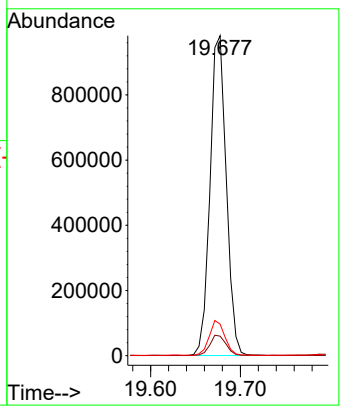


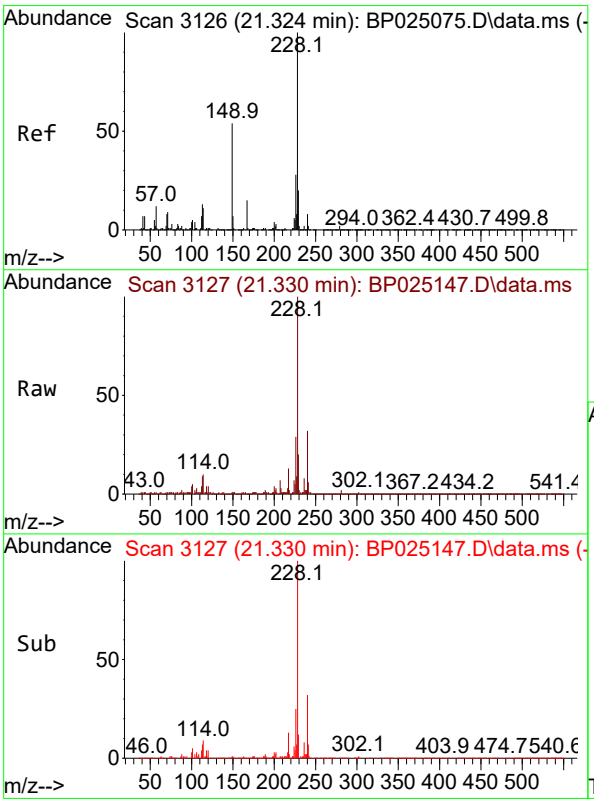
#79
Terphenyl-d14
Concen: 6.992 ng
RT: 19.677 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Tgt Ion:244 Resp: 1235387

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.9	8.9
122	9.9	9.4	14.2

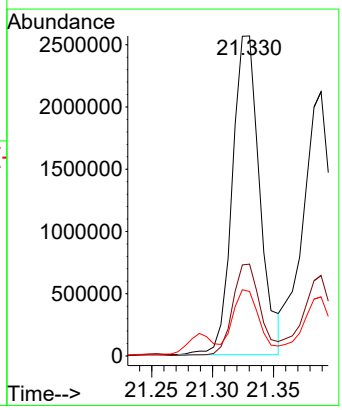


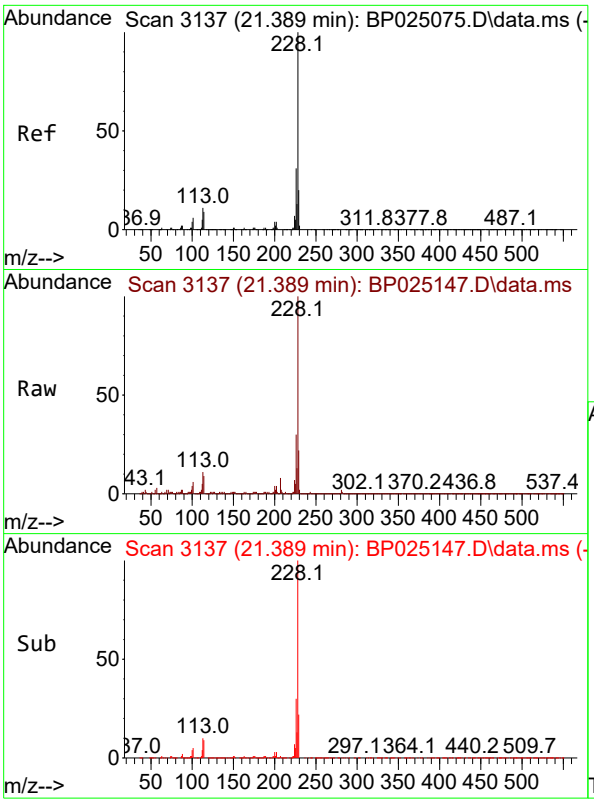


#81
Benzo(a)anthracene
Concen: 17.041 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Tgt Ion:228 Resp: 4010376

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	20.1	16.0	24.0



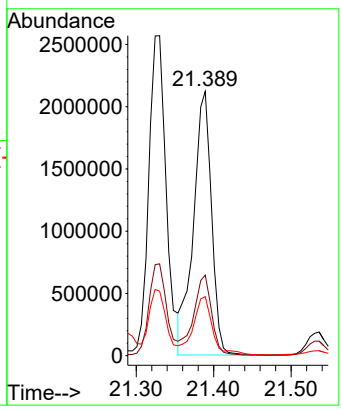


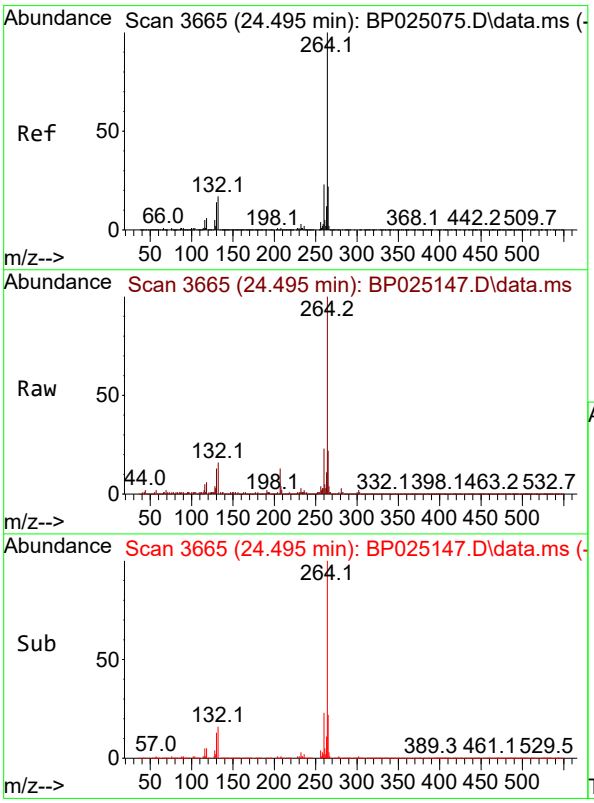
#83
Chrysene
Concen: 15.194 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Tgt Ion:228 Resp: 3441105

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.3	16.0	24.0

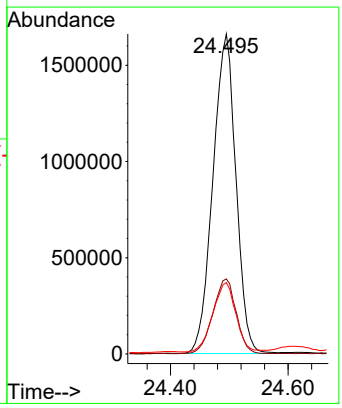


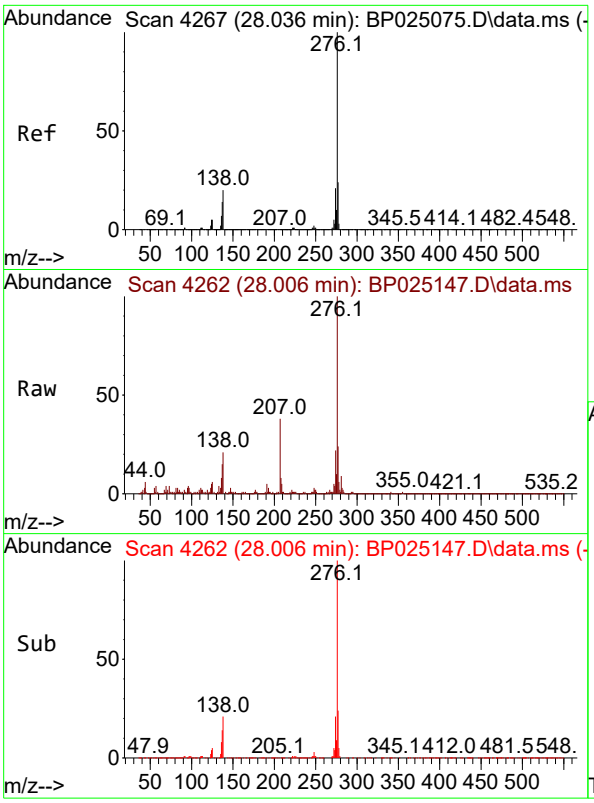


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Tgt Ion:264 Resp: 4506340

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.3	17.7	26.5



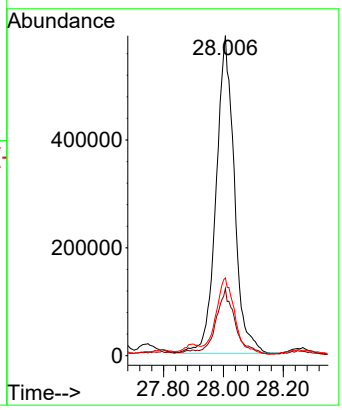


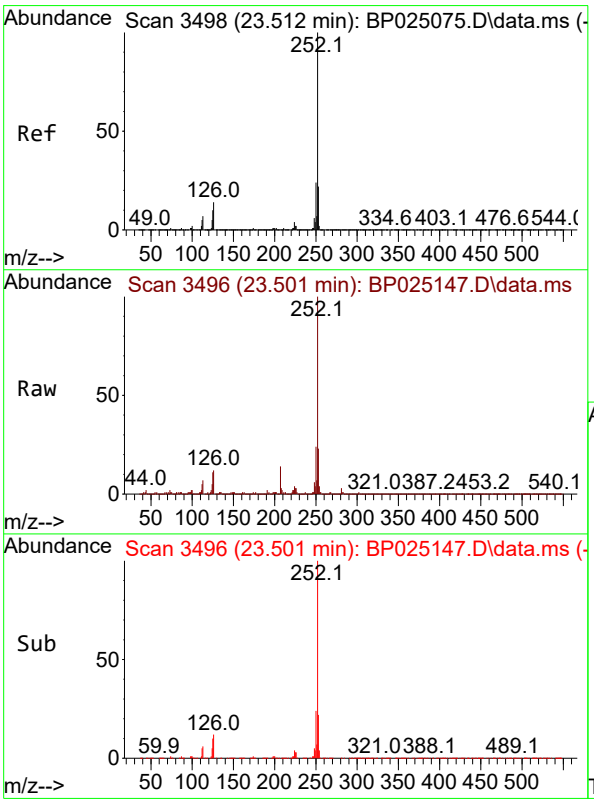
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.655 ng
RT: 28.006 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Tgt Ion:276 Resp: 2484668

Ion	Ratio	Lower	Upper
276	100		
138	21.3	13.0	19.6#
277	24.7	15.9	23.9#

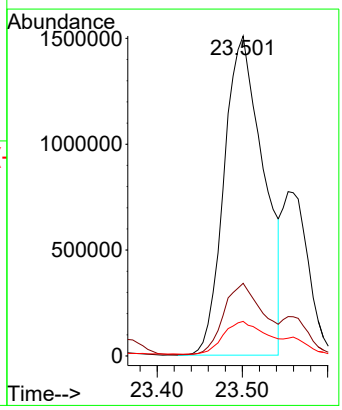


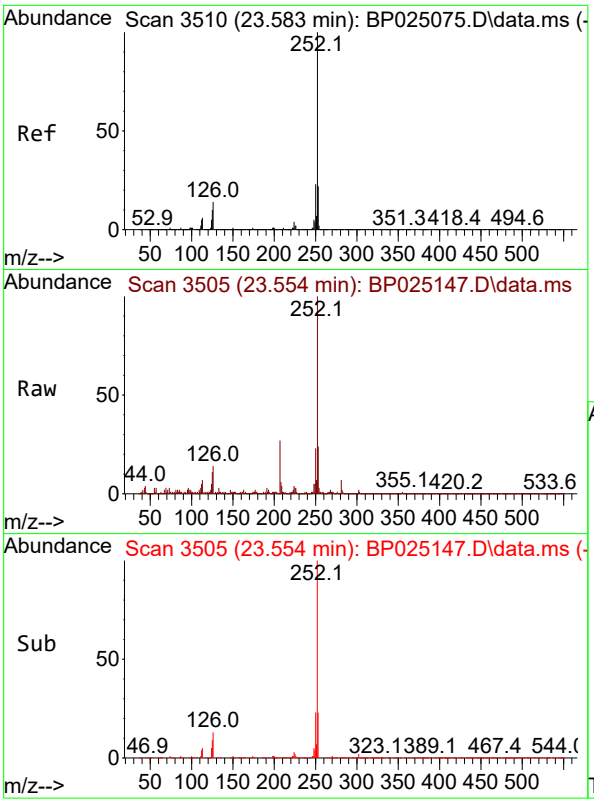


#88
Benzo(b)fluoranthene
Concen: 18.518 ng
RT: 23.501 min Scan# 3496
Delta R.T. -0.012 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Tgt Ion:252 Resp: 4857023

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	10.8	8.1	12.1



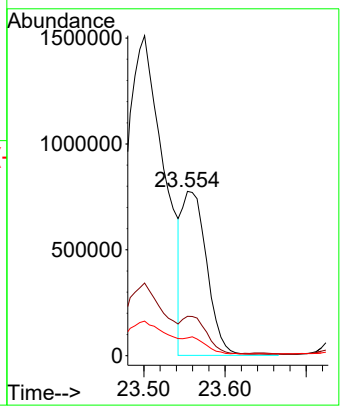


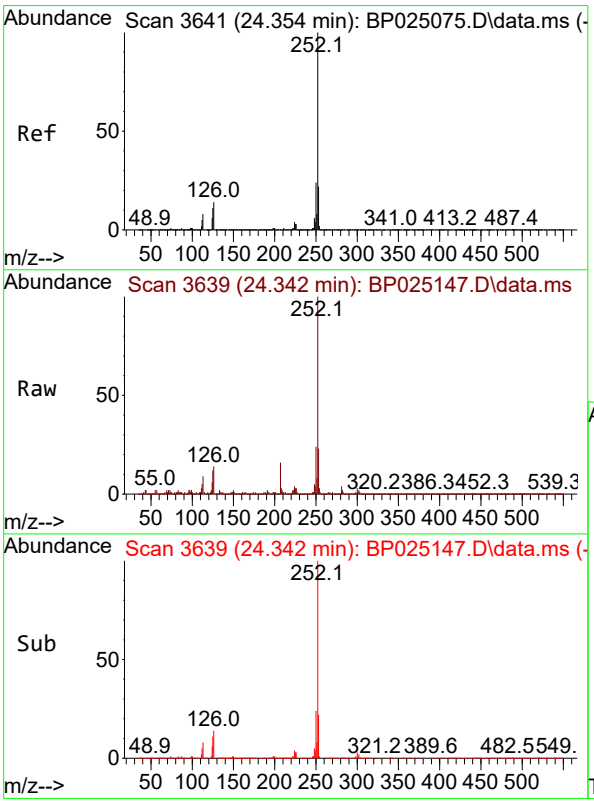
#89
Benzo(k)fluoranthene
Concen: 6.335 ng m
RT: 23.554 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Tgt Ion:252 Resp: 1653275

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	10.8	8.2	12.2

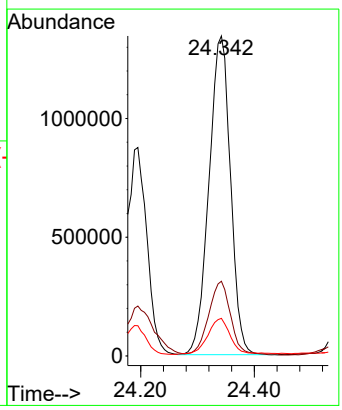


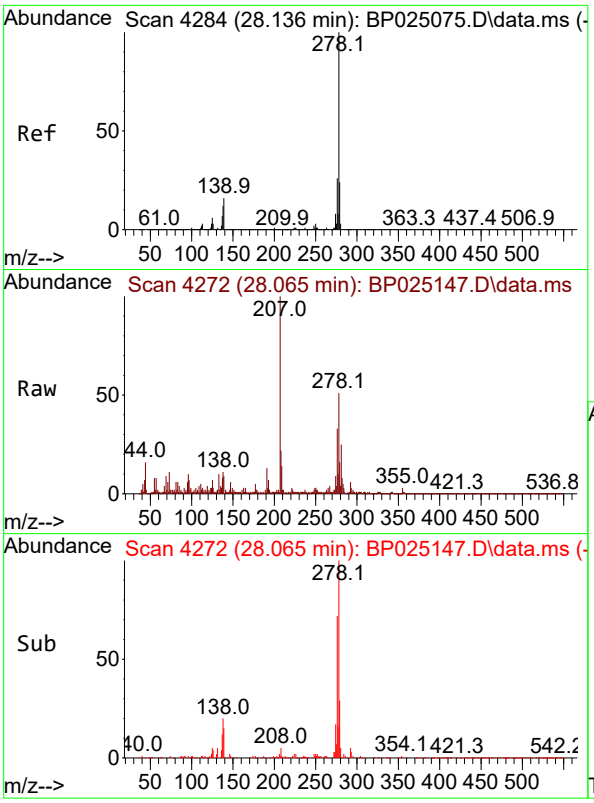


#90
Benzo(a)pyrene
Concen: 15.801 ng
RT: 24.342 min Scan# 3639
Delta R.T. -0.012 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Tgt Ion:252 Resp: 3527368

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	11.7	9.0	13.4



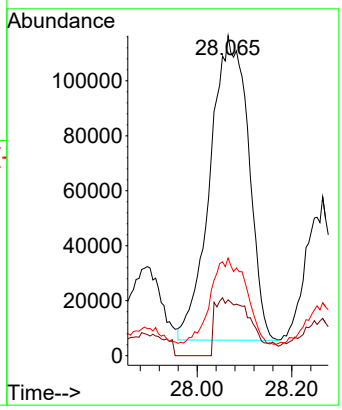


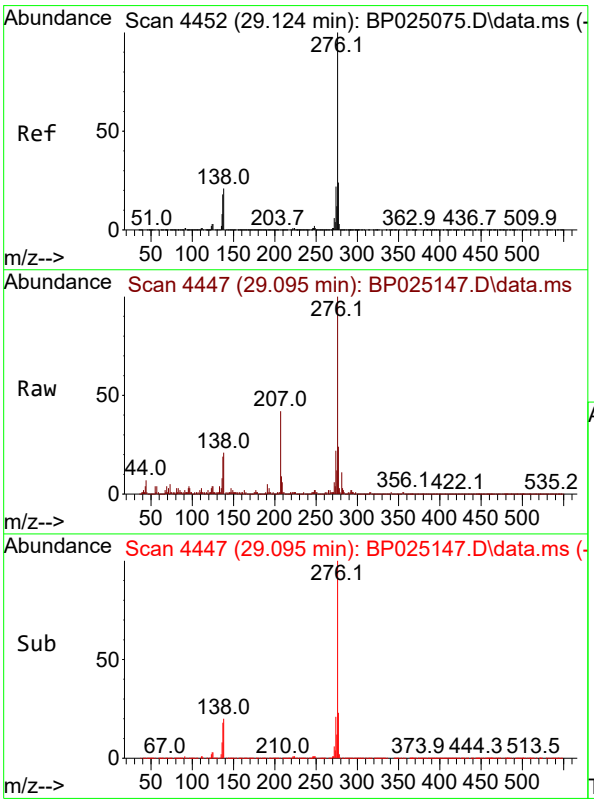
#91
Dibenzo(a,h)anthracene
Concen: 2.622 ng
RT: 28.065 min Scan# 4
Delta R.T. -0.071 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL2

Tgt Ion:278 Resp: 622315

Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.1	19.7
279	30.5	18.9	28.3#

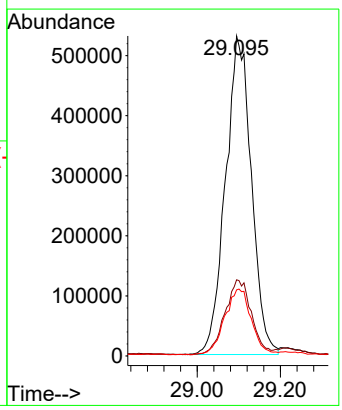




#92
Benzo(g,h,i)perylene
Concen: 9.354 ng
RT: 29.095 min Scan# 4447
Delta R.T. -0.029 min
Lab File: BP025147.D
Acq: 15 Jul 2025 15:58

Tgt Ion:276 Resp: 2293087

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	20.7	16.9	25.3



Raw Data: **BF143010.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-14	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	67.7
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
BF143010.D	1	07/03/25 09:00	07/07/25 15:48	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	230	U	230	490	ug/Kg
108-95-2	Phenol	32.6	U	32.6	250	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	35.8	U	35.8	250	ug/Kg
95-57-8	2-Chlorophenol	36.0	U	36.0	250	ug/Kg
95-48-7	2-Methylphenol	44.1	U	44.1	250	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	55.3	U	55.3	250	ug/Kg
98-86-2	Acetophenone	43.5	U	43.5	250	ug/Kg
65794-96-9	3+4-Methylphenols	60.6	U	60.6	490	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	69.9	U	69.9	120	ug/Kg
67-72-1	Hexachloroethane	25.9	U	25.9	250	ug/Kg
98-95-3	Nitrobenzene	27.0	U	27.0	250	ug/Kg
78-59-1	Isophorone	48.4	U	48.4	250	ug/Kg
88-75-5	2-Nitrophenol	85.8	U	85.8	250	ug/Kg
105-67-9	2,4-Dimethylphenol	95.5	U	95.5	250	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	45.4	U	45.4	250	ug/Kg
120-83-2	2,4-Dichlorophenol	41.7	U	41.7	250	ug/Kg
91-20-3	Naphthalene	33.5	U	33.5	250	ug/Kg
106-47-8	4-Chloroaniline	52.2	U	52.2	250	ug/Kg
87-68-3	Hexachlorobutadiene	37.3	U	37.3	250	ug/Kg
105-60-2	Caprolactam	76.8	U	76.8	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42.3	U	42.3	250	ug/Kg
91-57-6	2-Methylnaphthalene	37.7	U	37.7	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29.2	U	29.2	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42.9	U	42.9	250	ug/Kg
92-52-4	1,1-Biphenyl	32.1	U	32.1	250	ug/Kg
91-58-7	2-Chloronaphthalene	33.2	U	33.2	250	ug/Kg
88-74-4	2-Nitroaniline	70.9	U	70.9	250	ug/Kg
131-11-3	Dimethylphthalate	39.9	U	39.9	250	ug/Kg

Raw Data: **BF143010.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-14	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	67.7
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
BF143010.D	1	07/03/25 09:00	07/07/25 15:48	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	42.6	U	42.6	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.5	U	49.5	250	ug/Kg
99-09-2	3-Nitroaniline	67.8	U	67.8	250	ug/Kg
83-32-9	Acenaphthene	31.4	U	31.4	250	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	340	490	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	490	ug/Kg
132-64-9	Dibenzofuran	33.5	U	33.5	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	73.9	U	73.9	250	ug/Kg
84-66-2	Diethylphthalate	41.7	U	41.7	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39.4	U	39.4	250	ug/Kg
86-73-7	Fluorene	37.3	U	37.3	250	ug/Kg
100-01-6	4-Nitroaniline	94.6	U	94.6	250	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	490	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.5	U	48.5	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41.0	U	41.0	250	ug/Kg
118-74-1	Hexachlorobenzene	37.3	U	37.3	250	ug/Kg
1912-24-9	Atrazine	50.1	U	50.1	250	ug/Kg
87-86-5	Pentachlorophenol	75.6	U	75.6	490	ug/Kg
85-01-8	Phenanthrene	100	J	30.8	250	ug/Kg
120-12-7	Anthracene	49.1	U	49.1	250	ug/Kg
86-74-8	Carbazole	46.0	U	46.0	250	ug/Kg
84-74-2	Di-n-butylphthalate	70.6	U	70.6	250	ug/Kg
206-44-0	Fluoranthene	200	J	44.2	250	ug/Kg
129-00-0	Pyrene	120	J	53.1	250	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54.1	U	54.1	490	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	33.9	250	ug/Kg
218-01-9	Chrysene	150	J	29.3	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	87.3	U	87.3	250	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	28.0	250	ug/Kg

Raw Data: **BF143010.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-14	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	67.7
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
BF143010.D	1	07/03/25 09:00	07/07/25 15:48	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	33.0	U	33.0	250	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	43.5	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42.9	U	42.9	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40.4	U	40.4	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37.9	U	37.9	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37.7	U	37.7	250	ug/Kg
123-91-1	1,4-Dioxane	66.6	U	66.6	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40.4	U	40.4	250	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	74.9		18 - 112	50%	SPK: 150
13127-88-3	Phenol-d6	73.8		15 - 107	49%	SPK: 150
4165-60-0	Nitrobenzene-d5	49.2		18 - 107	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.1		20 - 109	46%	SPK: 100
118-79-6	2,4,6-Tribromophenol	67.9		10 - 116	45%	SPK: 150
1718-51-0	Terphenyl-d14	29.9		10 - 105	30%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	59700	6.875			
1146-65-2	Naphthalene-d8	212000	8.157			
15067-26-2	Acenaphthene-d10	99500	9.916			
1517-22-2	Phenanthrene-d10	147000	11.404			
1719-03-5	Chrysene-d12	122000	14.051			
1520-96-3	Perylene-d12	143000	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	AB		5.09	ug/Kg
000119-61-9	Benzophenone	280	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	240	J		11.9	ug/Kg

Raw Data: **BF143010.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-14	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	67.7
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
BF143010.D	1	07/03/25 09:00	07/07/25 15:48	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143010.D
Acq On : 07 Jul 2025 15:48
Operator : RC/JU
Sample : Q2487-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Quant Time: Jul 07 16:15:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

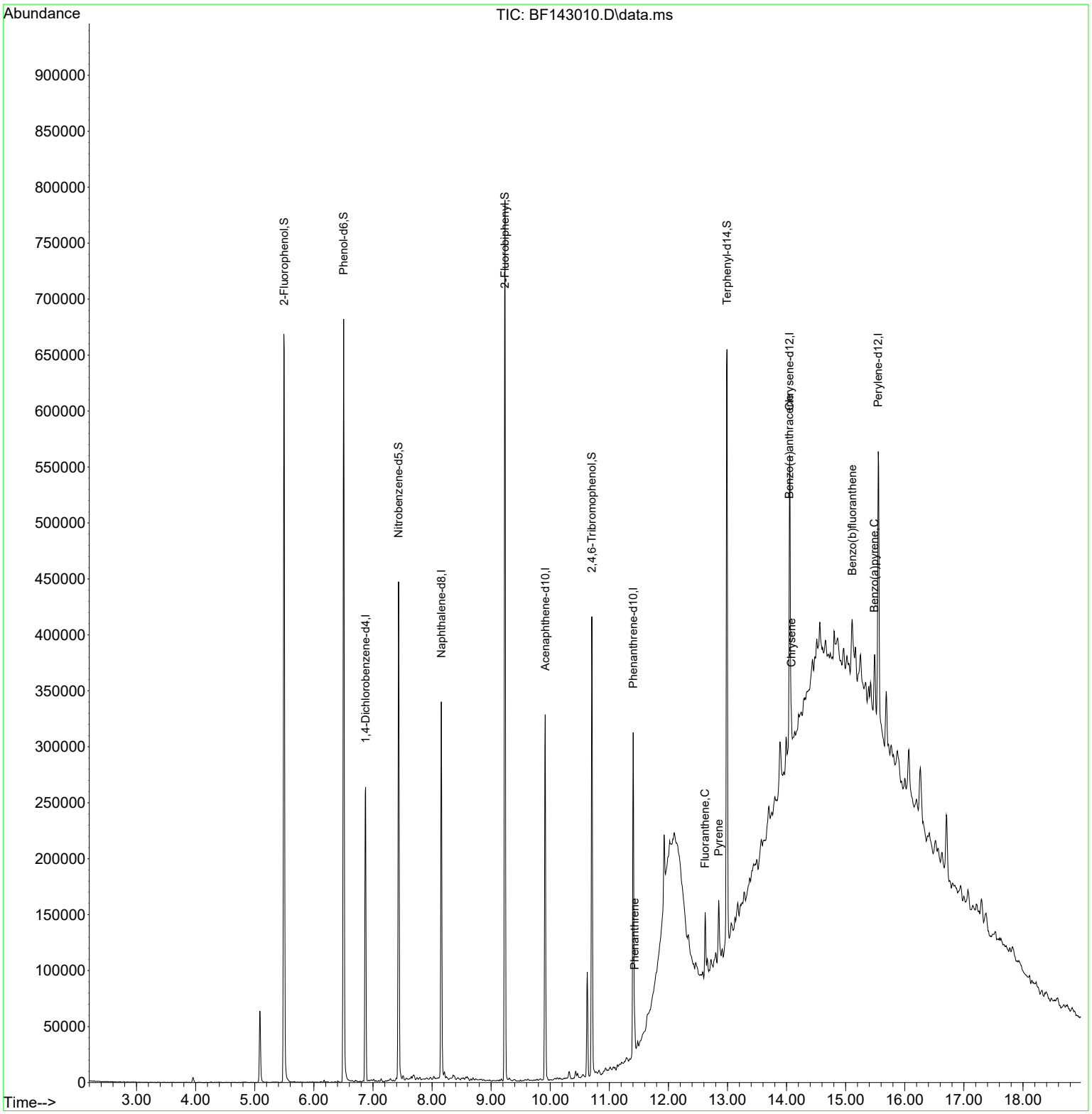
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	59682	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	212123	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	99522	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	147264	20.000	ng		0.00
76) Chrysene-d12	14.051	240	121624	20.000	ng		0.00
86) Perylene-d12	15.551	264	143461	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	268448	74.888	ng		0.00
7) Phenol-d6	6.504	99	312152	73.809	ng		0.00
23) Nitrobenzene-d5	7.433	82	190228	49.189	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	69586	67.945	ng		-0.01
45) 2-Fluorobiphenyl	9.233	172	349038	46.072	ng		-0.01
79) Terphenyl-d14	12.992	244	263047	29.883	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	11.427	178	16459	2.063	ng		98
75) Fluoranthene	12.621	202	30300	4.002	ng		98
78) Pyrene	12.851	202	28823	2.528	ng		96
81) Benzo(a)anthracene	14.045	228	19774	2.410	ng	#	85
83) Chrysene	14.080	228	22539	3.079	ng	#	90
88) Benzo(b)fluoranthene	15.109	252	25202m	3.036	ng		
90) Benzo(a)pyrene	15.486	252	17329	2.161	ng	#	73

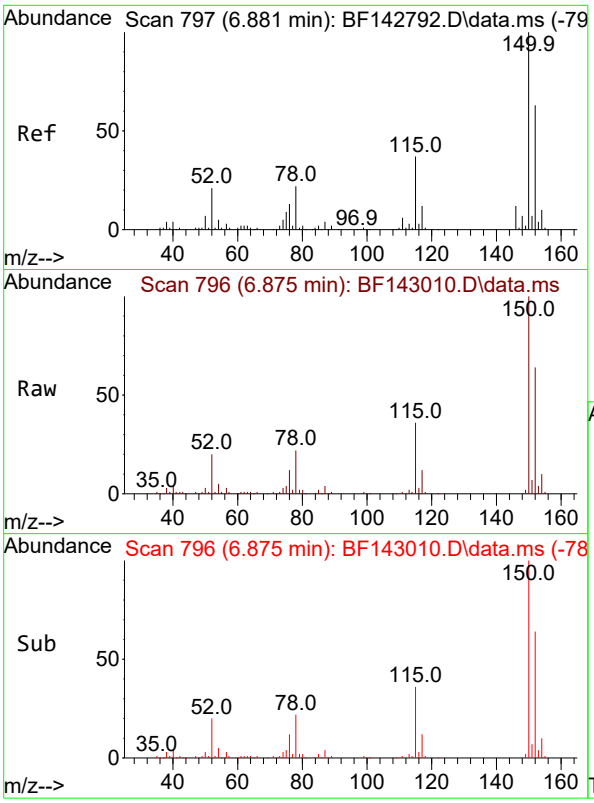
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143010.D
Acq On : 07 Jul 2025 15:48
Operator : RC/JU
Sample : Q2487-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Quant Time: Jul 07 16:15:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



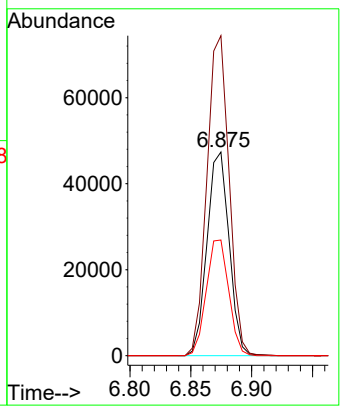


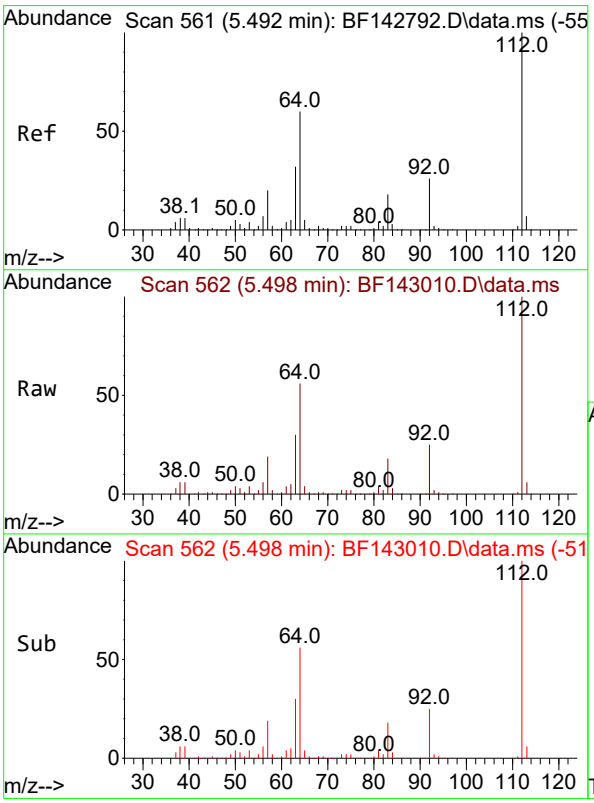
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Tgt Ion:152 Resp: 59682

Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.2	190.8
115	56.8	46.6	69.8

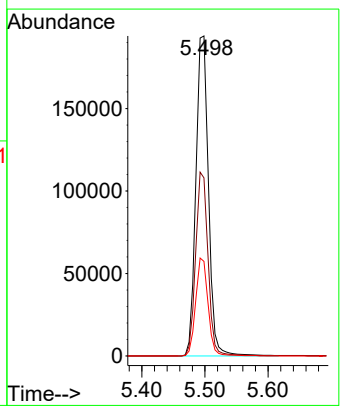


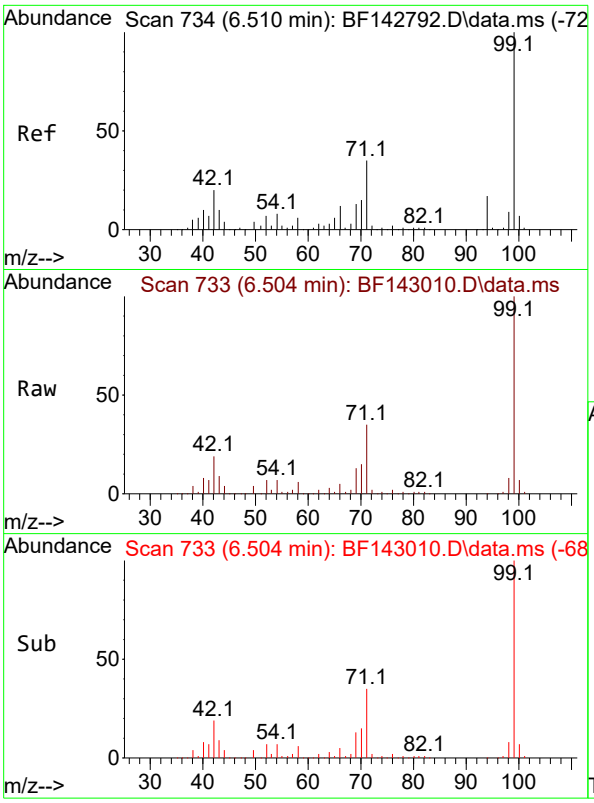


#5
2-Fluorophenol
Concen: 74.888 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Tgt Ion:112 Resp: 268448

Ion	Ratio	Lower	Upper
112	100		
64	55.7	48.2	72.2
63	29.5	25.7	38.5



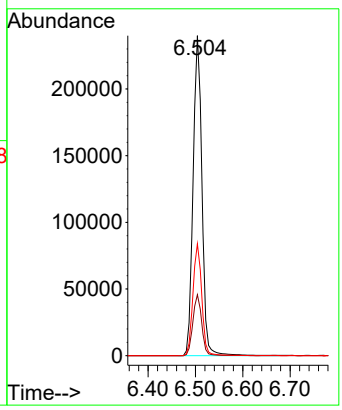


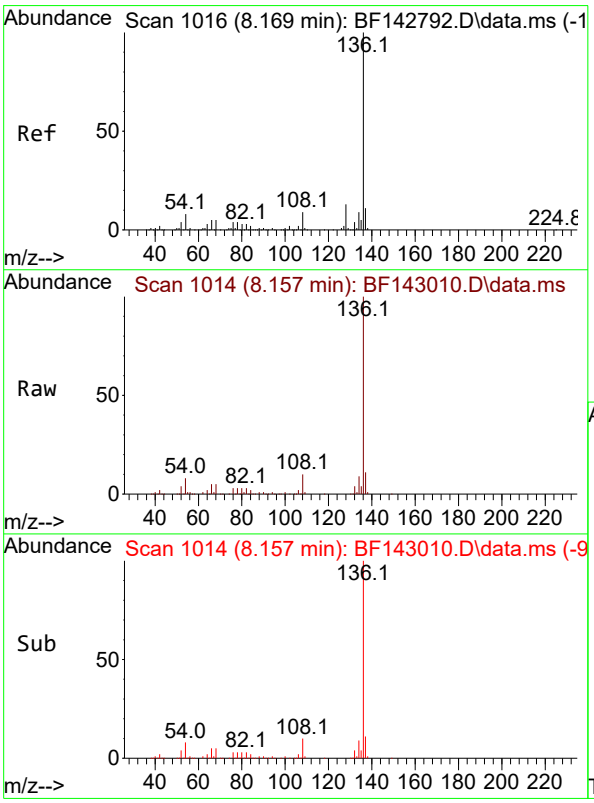
#7
Phenol-d6
Concen: 73.809 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Tgt Ion: 99 Resp: 312152

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.9	23.9
71	34.9	27.8	41.8

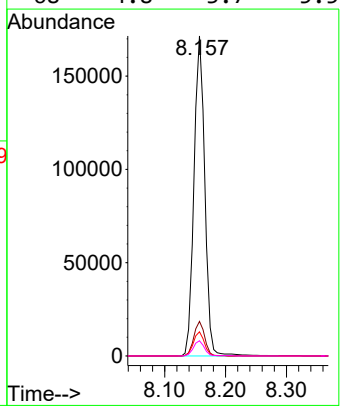


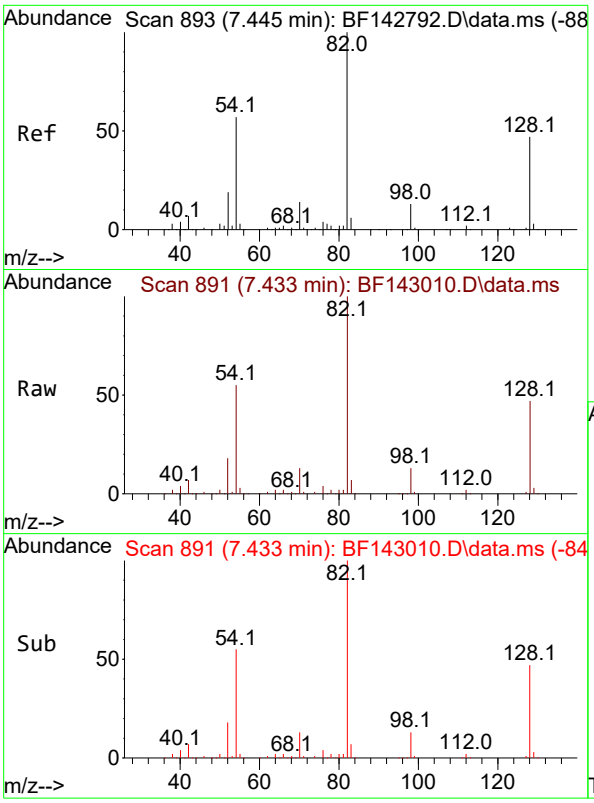


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Tgt Ion:136 Resp: 212123

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.5	6.3	9.5
68	4.8	3.7	5.5



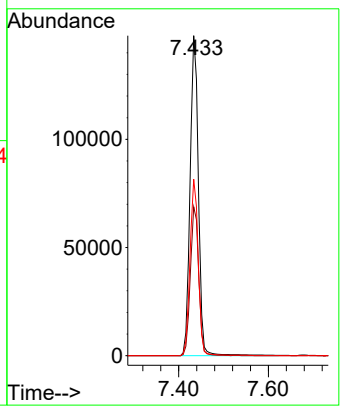


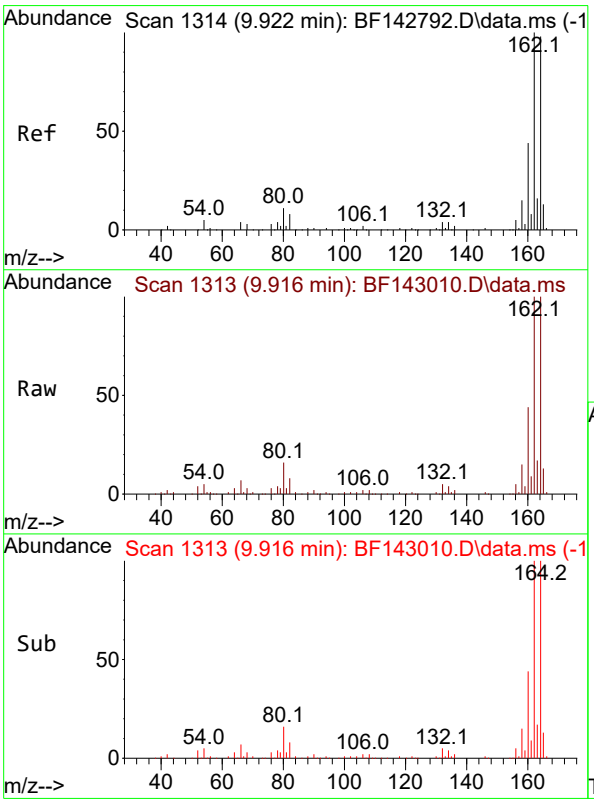
#23
Nitrobenzene-d5
Concen: 49.189 ng
RT: 7.433 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Tgt Ion: 82 Resp: 190228

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.7	56.5
54	55.1	45.7	68.5

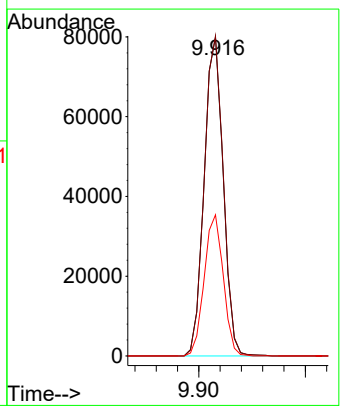


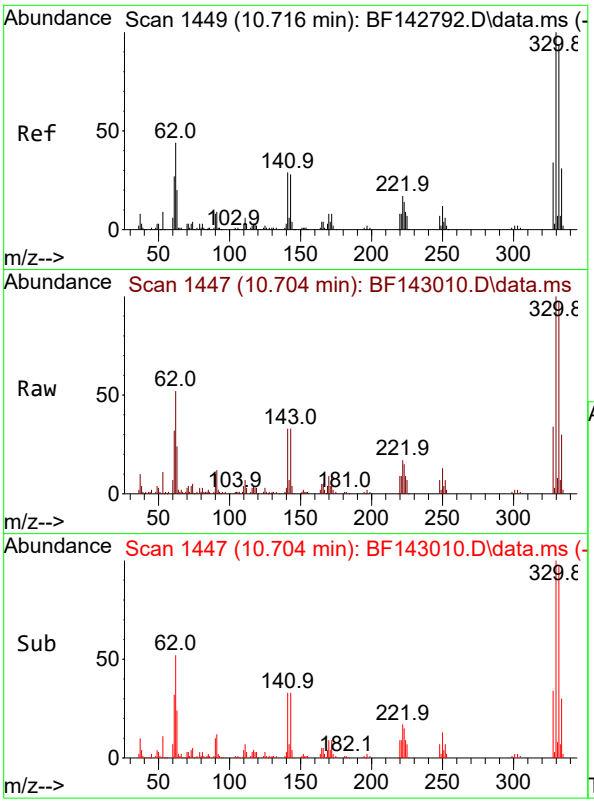


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Tgt Ion:164 Resp: 99522

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.8	122.8
160	44.3	36.0	54.0



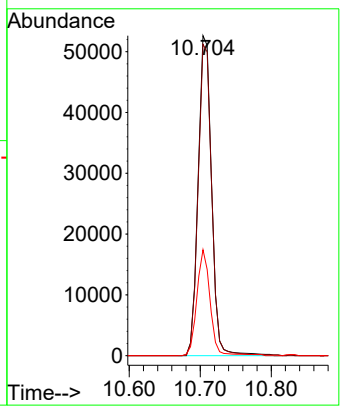


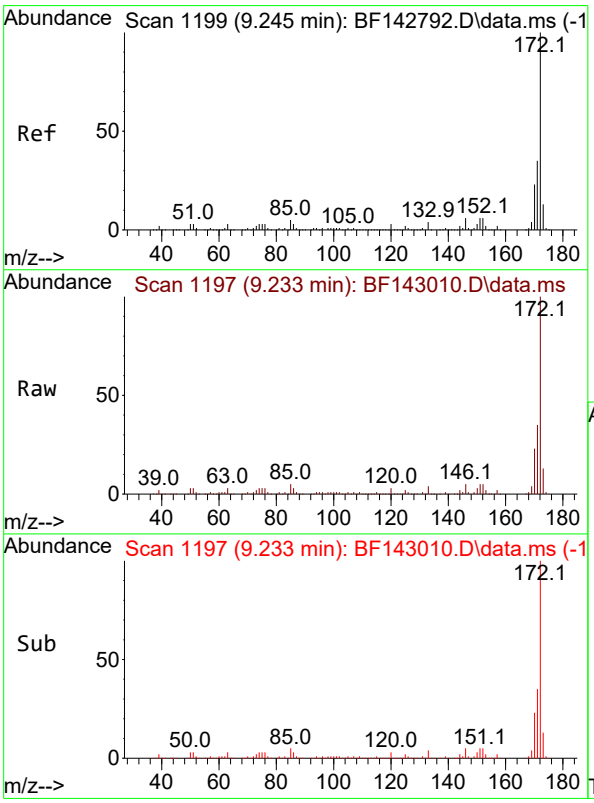
#42
2,4,6-Tribromophenol
Concen: 67.945 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Tgt Ion:330 Resp: 69586

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.0	112.6
141	32.7	25.3	37.9

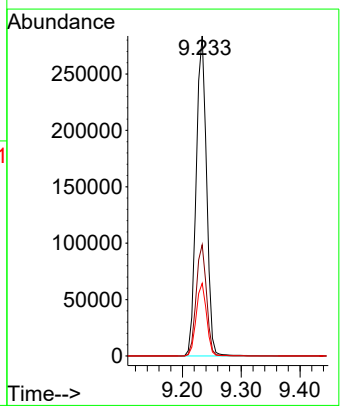


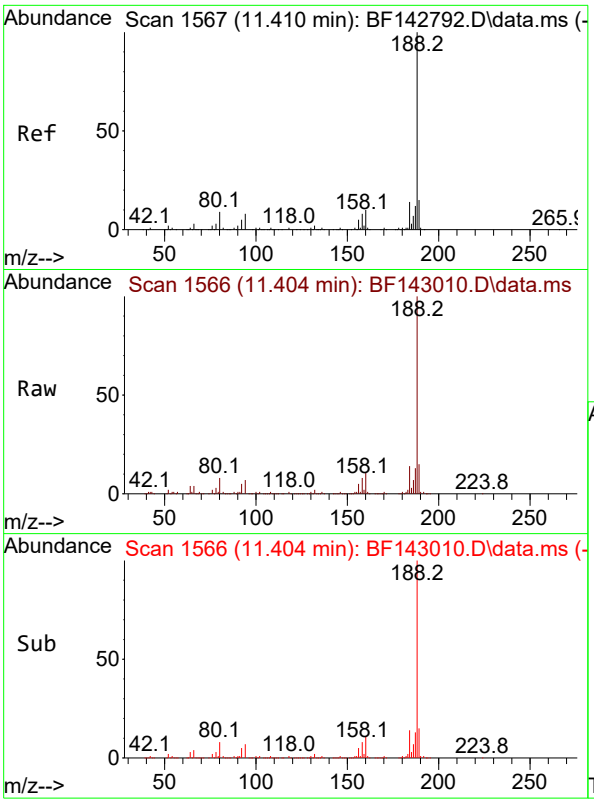


#45
2-Fluorobiphenyl
Concen: 46.072 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Tgt Ion:172 Resp: 349038

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.4
170	22.7	18.5	27.7



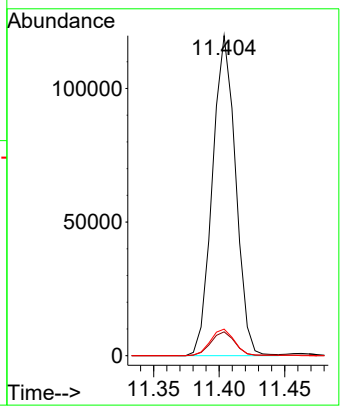


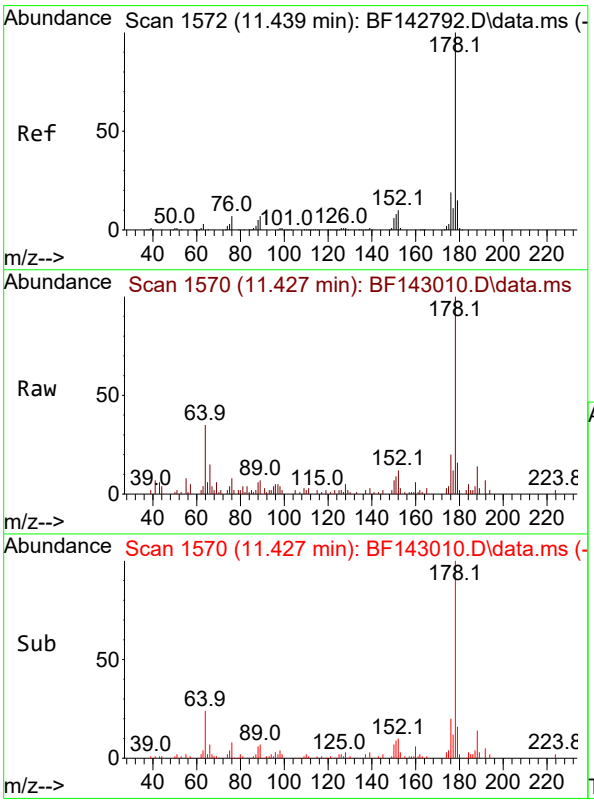
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Tgt Ion:188 Resp: 147264

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.3	6.9	10.3

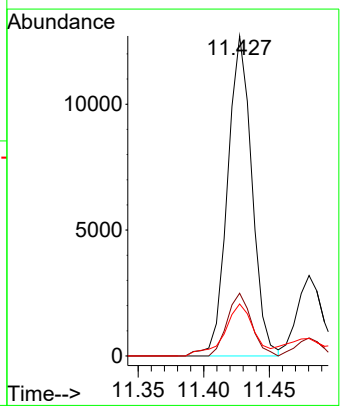


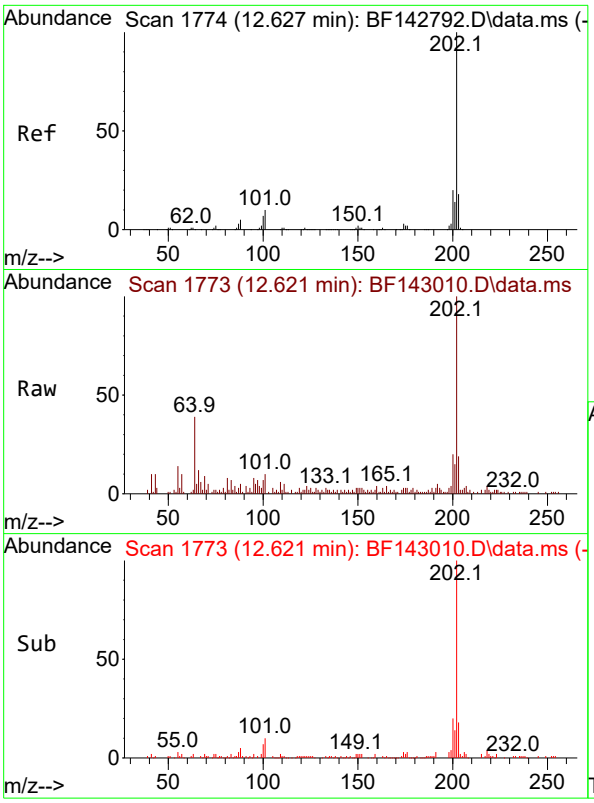


#71
Phenanthrene
Concen: 2.063 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Tgt Ion:178 Resp: 16459

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	16.2	12.0	18.0



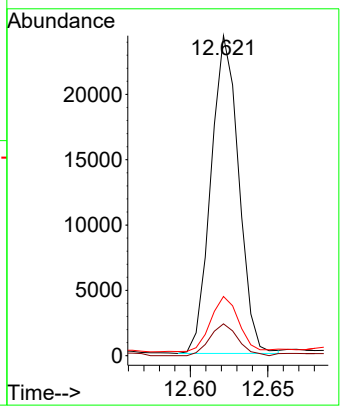


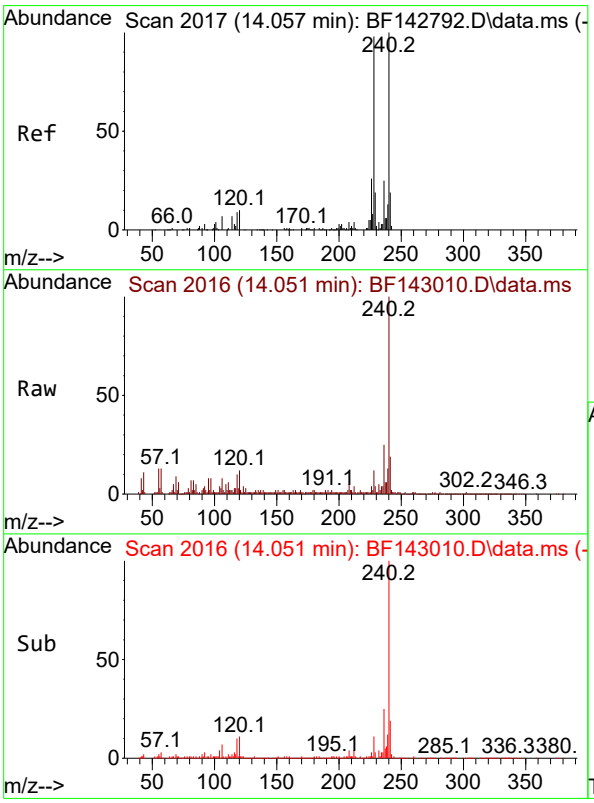
#75
Fluoranthene
Concen: 4.002 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Tgt Ion:202 Resp: 30300

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.7
203	18.5	0.0	37.5

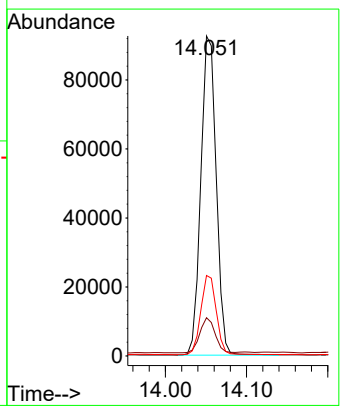


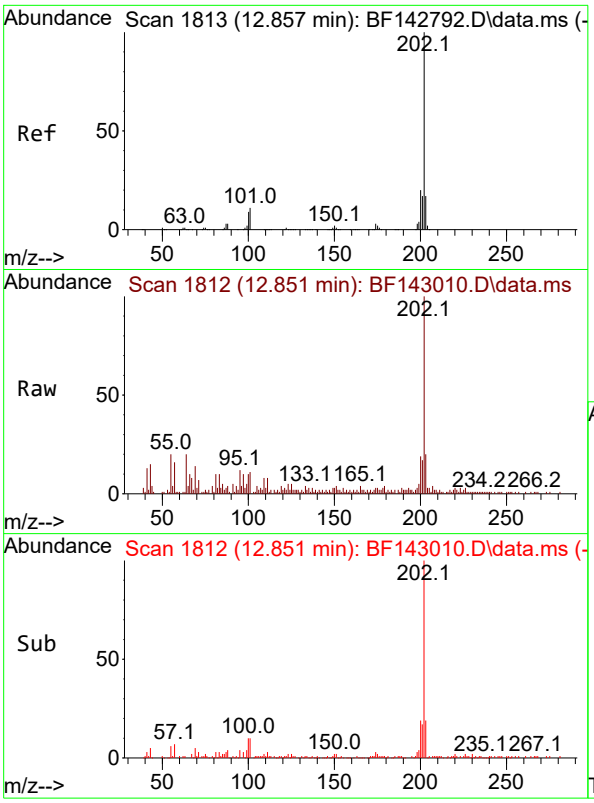


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Tgt Ion:240 Resp: 121624

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.2	12.2
236	25.2	19.8	29.8



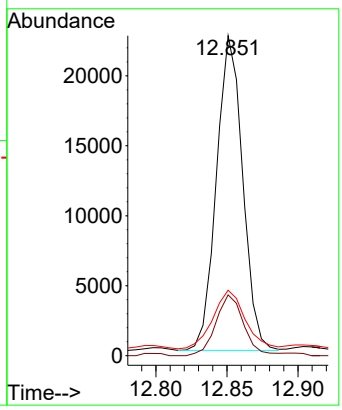


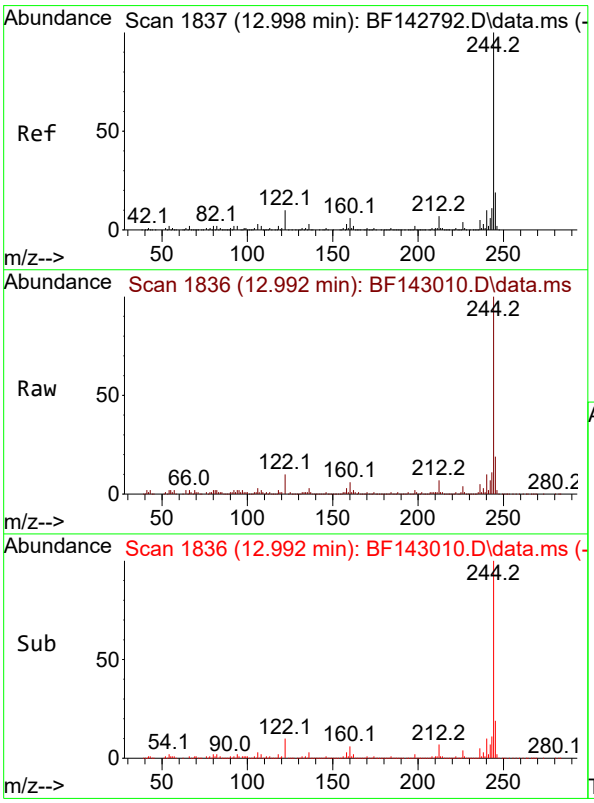
#78
Pyrene
Concen: 2.528 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Tgt Ion:202 Resp: 28823

Ion	Ratio	Lower	Upper
202	100		
200	19.0	15.7	23.5
203	20.4	13.8	20.6

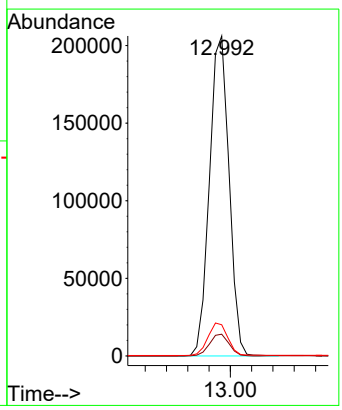


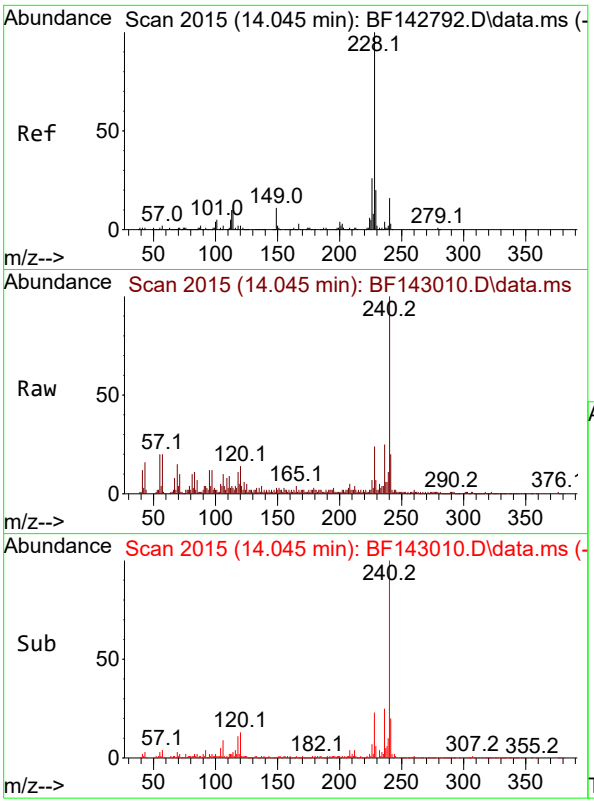


#79
Terphenyl-d14
Concen: 29.883 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Tgt Ion:244 Resp: 263047

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.7	8.2	12.2



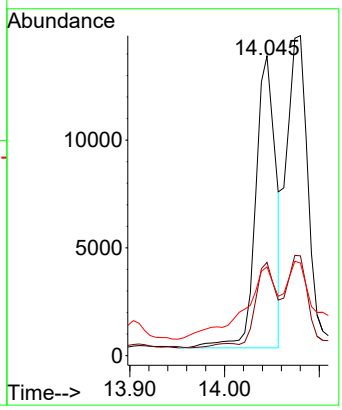


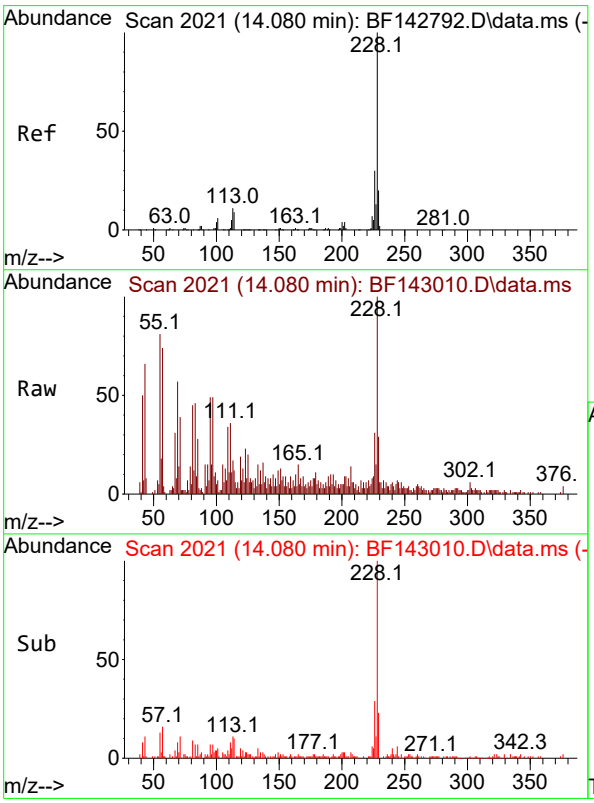
#81
Benzo(a)anthracene
Concen: 2.410 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Tgt Ion:228 Resp: 19774

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.2	31.8
229	29.6	15.6	23.4#

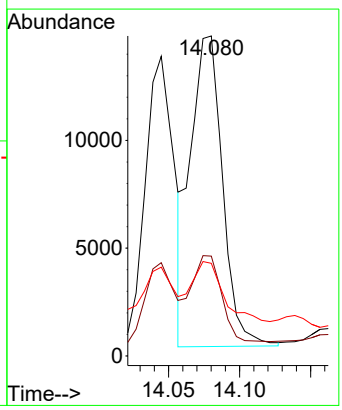


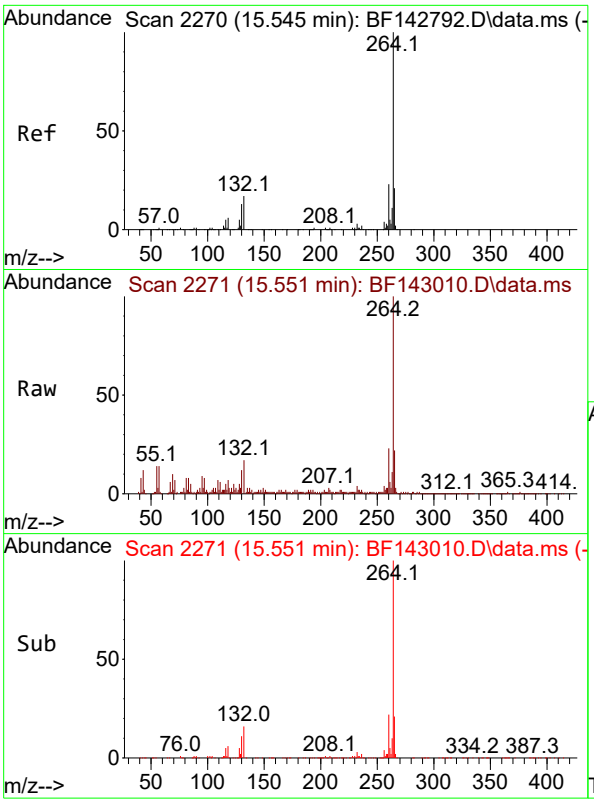


#83
Chrysene
Concen: 3.079 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Tgt Ion:228 Resp: 22539

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.7	35.5
229	29.0	15.7	23.5#



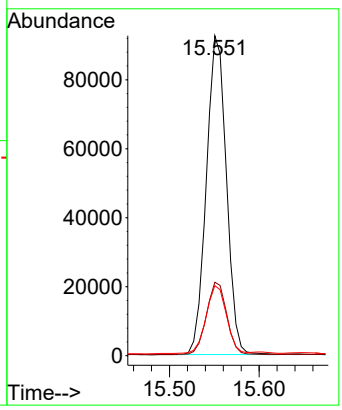


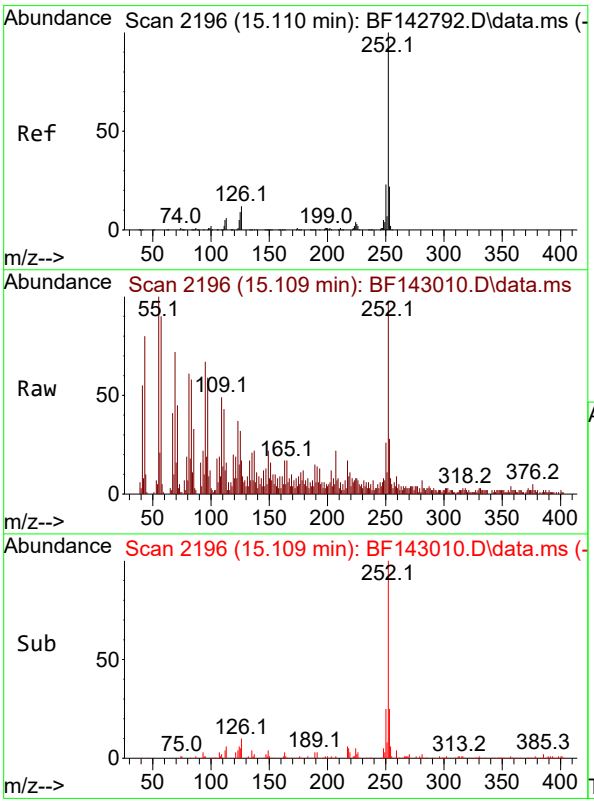
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Tgt Ion:264 Resp: 143461

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.1	27.1
265	21.9	16.6	25.0

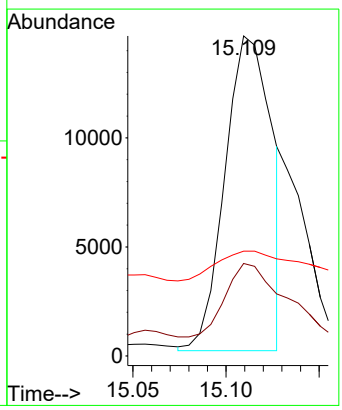


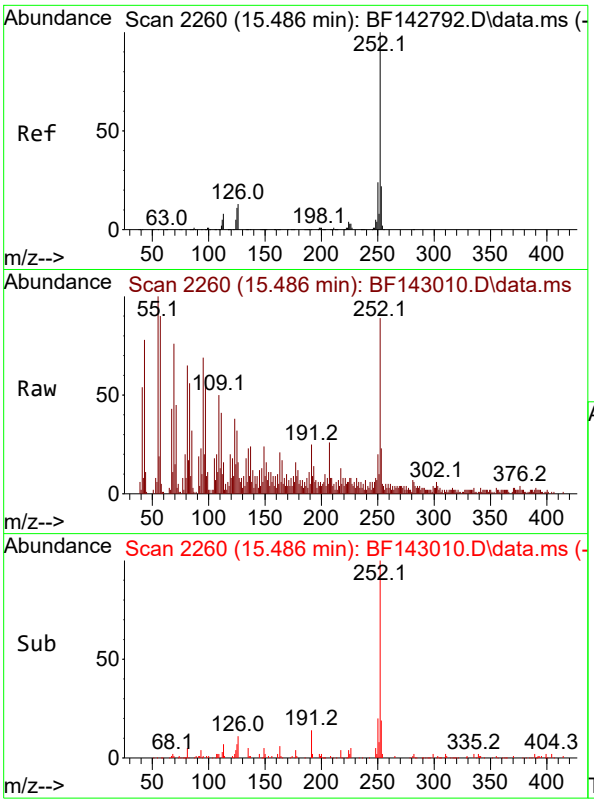


#88
Benzo(b)fluoranthene
Concen: 3.036 ng m
RT: 15.109 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Tgt Ion:252 Resp: 25202

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.5	26.3#
125	32.8	7.4	11.0#



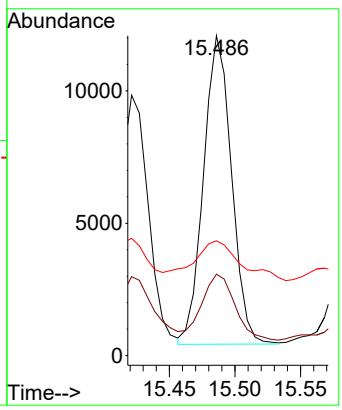


#90
Benzo(a)pyrene
Concen: 2.161 ng
RT: 15.486 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143010.D
Acq: 07 Jul 2025 15:48

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Tgt Ion:252 Resp: 17329

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	35.9	8.6	12.8#



Sample Results: **BF143010.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143010.D
Acq On : 07 Jul 2025 15:48
Operator : RC/JU
Sample : Q2487-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143010.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	486	492	509	rVB	63635	92906	9.62%	1.242%
2	5.492	556	561	582	rBV	668539	911636	94.40%	12.190%
3	6.504	727	733	750	rBV	681773	888943	92.05%	11.887%
4	6.875	791	796	801	rBV	262706	333340	34.52%	4.457%
5	7.433	886	891	901	rVB	444117	562677	58.27%	7.524%
6	8.157	1008	1014	1020	rBV	335900	414760	42.95%	5.546%
7	9.233	1191	1197	1202	rBV	787090	965680	100.00%	12.913%
8	9.916	1307	1313	1318	rBV	326127	410339	42.49%	5.487%
9	10.322	1377	1382	1387	rVB3	6394	11077	1.15%	0.148%
10	10.427	1393	1400	1403	rBV	6779	10530	1.09%	0.141%
11	10.627	1428	1434	1440	rBV	93654	118838	12.31%	1.589%
12	10.704	1442	1447	1456	rBV	409891	527235	54.60%	7.050%
13	11.404	1561	1566	1574	rBV	289868	407808	42.23%	5.453%
14	11.927	1652	1655	1659	rBV	62181	98066	10.16%	1.311%
15	12.621	1770	1773	1777	rBV	56113	72342	7.49%	0.967%
16	12.851	1809	1812	1819	rVB	49491	67972	7.04%	0.909%
17	12.992	1831	1836	1842	rBV	527051	687854	71.23%	9.198%
18	14.051	2012	2016	2024	rBV2	261297	392834	40.68%	5.253%
19	15.551	2267	2271	2289	rVB	263152	503544	52.14%	6.733%

Sum of corrected areas: 7478381

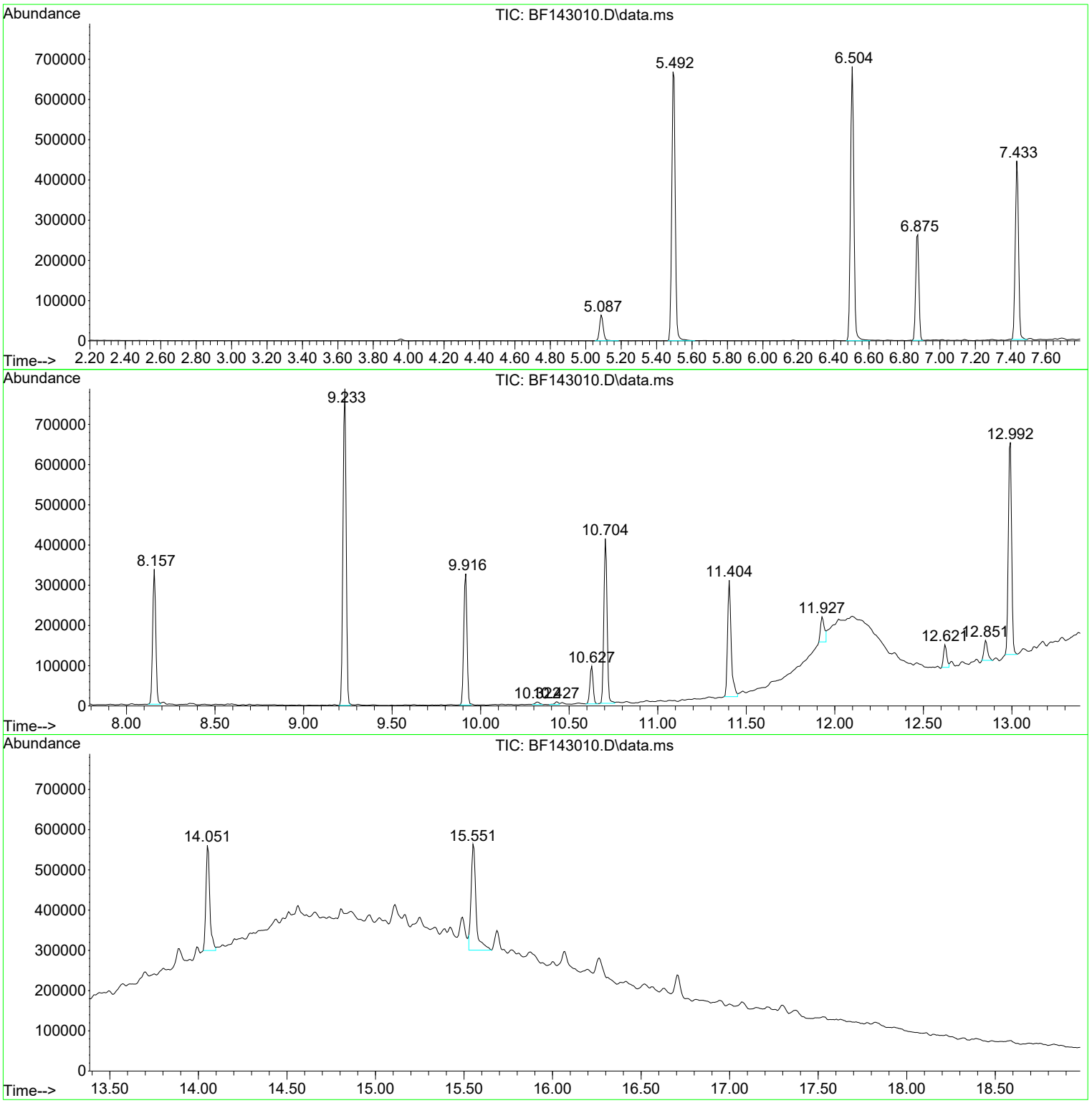
Sample Results: **BF143010.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143010.D
Acq On : 07 Jul 2025 15:48
Operator : RC/JU
Sample : Q2487-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Sample Results: **BF143010.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143010.D
Acq On : 07 Jul 2025 15:48
Operator : RC/JU
Sample : Q2487-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

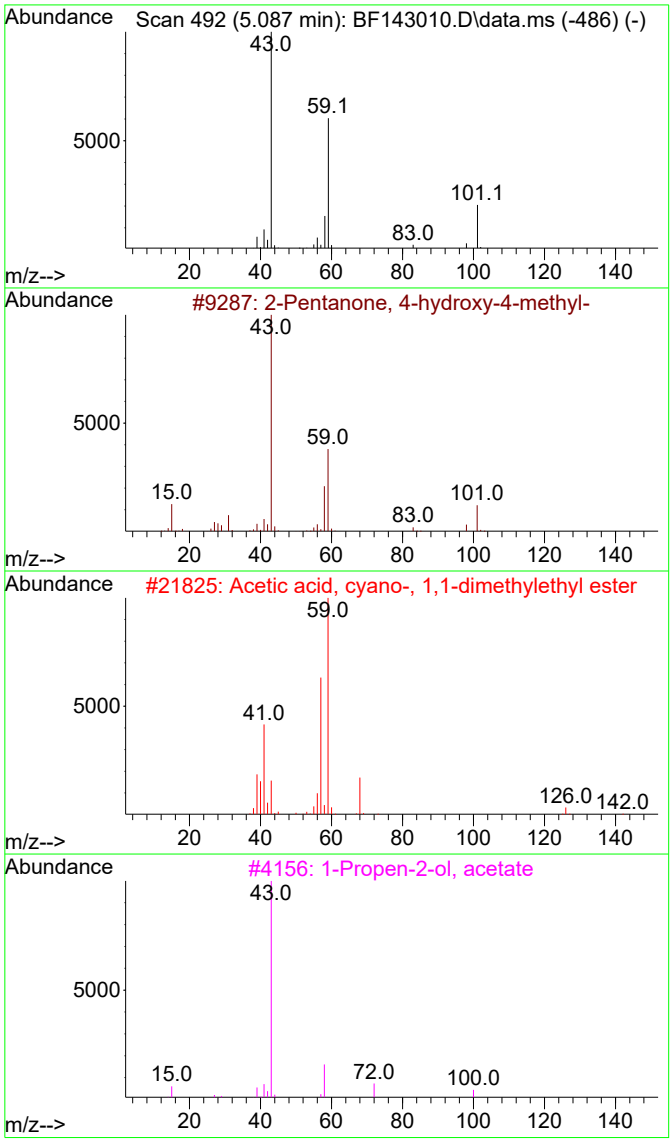
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

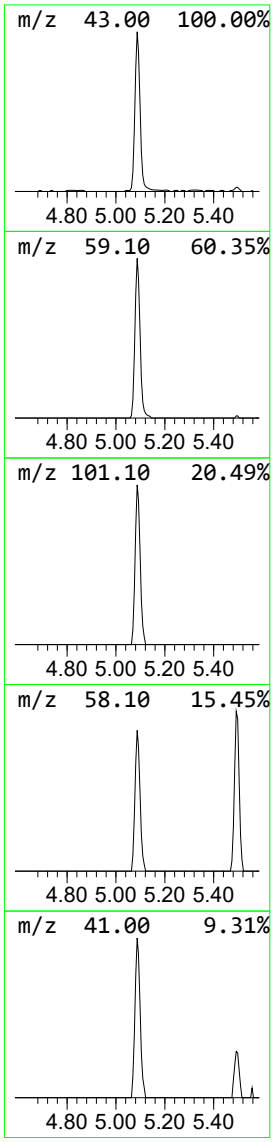
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	5.57 ng	92906	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143010.D
Acq On : 07 Jul 2025 15:48
Operator : RC/JU
Sample : Q2487-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

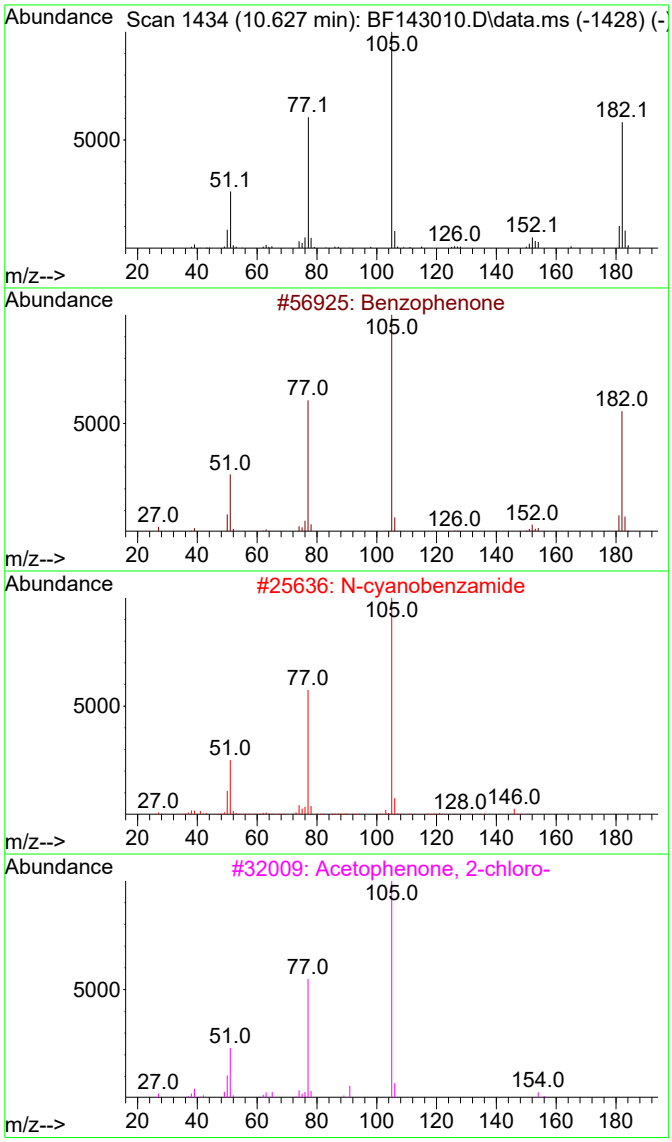
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

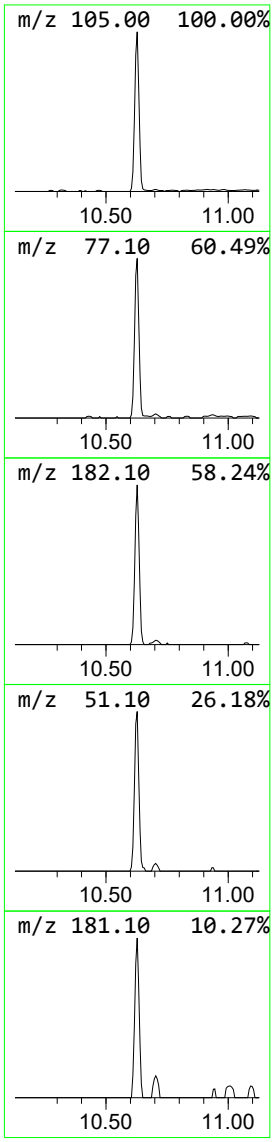
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	5.79 ng	118838	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	N-cyanobenzamide	146	C8H6N2O	015150-25-1	49
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Methyl benzilate	242	C15H14O3	000076-89-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143010.D
Acq On : 07 Jul 2025 15:48
Operator : RC/JU
Sample : Q2487-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

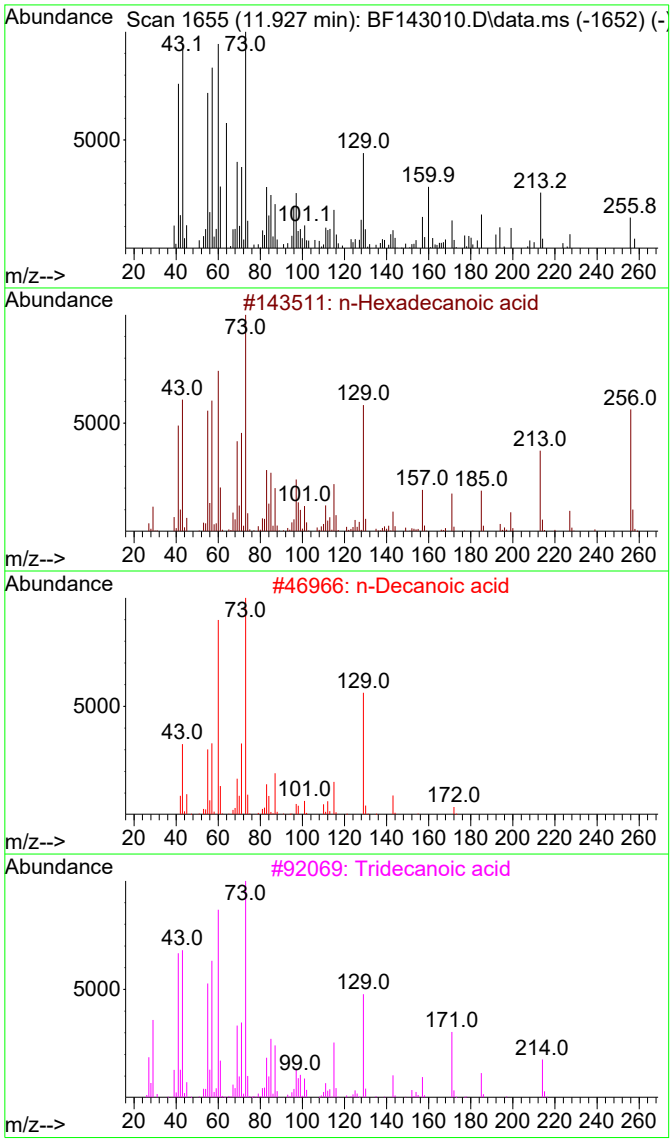
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TIC Integration Parameters: LSCINT.P

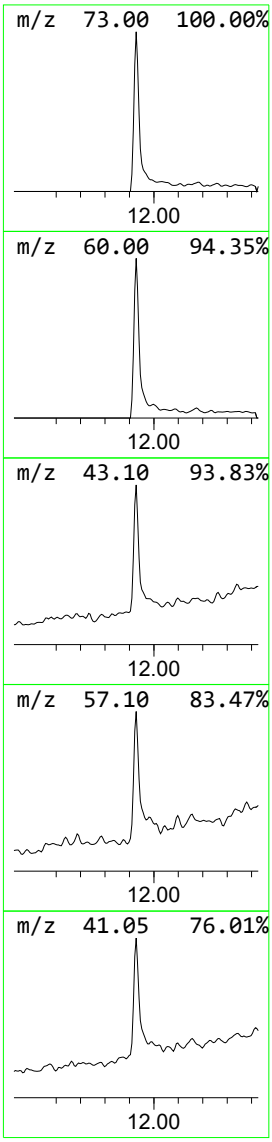
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	4.81 ng	98066	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Decanoic acid	172	C10H20O2	000334-48-5	44
3	Tridecanoic acid	214	C13H26O2	000638-53-9	38
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	38
5	Dodecanoic acid	200	C12H24O2	000143-07-7	30





Sample Results: **BF143010.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143010.D
Acq On : 07 Jul 2025 15:48
Operator : RC/JU
Sample : Q2487-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G2(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.087	5.6	ng	92906	1	6.875	333340	20.0
Benzophenone	10.627	5.8	ng	118838	3	9.916	410339	20.0
n-Hexadecanoic ...	11.927	4.8	ng	98066	4	11.404	407808	20.0

Raw Data: **BF143069.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-15	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.7
Sample Wt/Vol:	30.09 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
BF143069.D	5	07/03/25 09:00	07/09/25 21:35	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	960	U	960	2000	ug/Kg
108-95-2	Phenol	140	U	140	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	150	1100	ug/Kg
95-57-8	2-Chlorophenol	150	U	150	1100	ug/Kg
95-48-7	2-Methylphenol	180	U	180	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	230	U	230	1100	ug/Kg
98-86-2	Acetophenone	180	U	180	1100	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	290	U	290	490	ug/Kg
67-72-1	Hexachloroethane	110	U	110	1100	ug/Kg
98-95-3	Nitrobenzene	110	U	110	1100	ug/Kg
78-59-1	Isophorone	200	U	200	1100	ug/Kg
88-75-5	2-Nitrophenol	360	U	360	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	400	U	400	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190	U	190	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	170	1100	ug/Kg
91-20-3	Naphthalene	140	U	140	1100	ug/Kg
106-47-8	4-Chloroaniline	220	U	220	1100	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	160	1100	ug/Kg
105-60-2	Caprolactam	320	U	320	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180	U	180	1100	ug/Kg
91-57-6	2-Methylnaphthalene	160	U	160	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	720	U	720	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	180	U	180	1100	ug/Kg
92-52-4	1,1-Biphenyl	130	U	130	1100	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	1100	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	1100	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	1100	ug/Kg

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-15	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.7
Sample Wt/Vol:	30.09 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
BF143069.D	5	07/03/25 09:00	07/09/25 21:35	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	180	U	180	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	210	U	210	1100	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	1100	ug/Kg
83-32-9	Acenaphthene	130	U	130	1100	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	2000	ug/Kg
100-02-7	4-Nitrophenol	660	U	660	2000	ug/Kg
132-64-9	Dibenzofuran	140	U	140	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	310	U	310	1100	ug/Kg
84-66-2	Diethylphthalate	170	U	170	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	U	160	1100	ug/Kg
86-73-7	Fluorene	160	U	160	1100	ug/Kg
100-01-6	4-Nitroaniline	400	U	400	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	640	U	640	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	200	U	200	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	1100	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	1100	ug/Kg
1912-24-9	Atrazine	210	U	210	1100	ug/Kg
87-86-5	Pentachlorophenol	320	U	320	2000	ug/Kg
85-01-8	Phenanthrene	1300		130	1100	ug/Kg
120-12-7	Anthracene	210	U	210	1100	ug/Kg
86-74-8	Carbazole	190	U	190	1100	ug/Kg
84-74-2	Di-n-butylphthalate	300	U	300	1100	ug/Kg
206-44-0	Fluoranthene	2500		190	1100	ug/Kg
129-00-0	Pyrene	1600		220	1100	ug/Kg
85-68-7	Butylbenzylphthalate	440	U	440	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	230	U	230	2000	ug/Kg
56-55-3	Benzo(a)anthracene	980	J	140	1100	ug/Kg
218-01-9	Chrysene	890	J	120	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	370	U	370	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	540	U	540	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		120	1100	ug/Kg

Raw Data: **BF143069.D**

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-15	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.7
Sample Wt/Vol:	30.09 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
BF143069.D	5	07/03/25 09:00	07/09/25 21:35	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	560	J	140	1100	ug/Kg
50-32-8	Benzo(a)pyrene	950	J	180	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	U	180	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	560	J	160	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	U	160	1100	ug/Kg
123-91-1	1,4-Dioxane	280	U	280	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	170	1100	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	57.9		18 - 112	39%	SPK: 150
13127-88-3	Phenol-d6	55.9		15 - 107	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	34.0		18 - 107	34%	SPK: 100
321-60-8	2-Fluorobiphenyl	39.9		20 - 109	40%	SPK: 100
118-79-6	2,4,6-Tribromophenol	54.8		10 - 116	37%	SPK: 150
1718-51-0	Terphenyl-d14	32.9		10 - 105	33%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	39600	6.869			
1146-65-2	Naphthalene-d8	139000	8.157			
15067-26-2	Acenaphthene-d10	61400	9.91			
1517-22-2	Phenanthrene-d10	117000	11.404			
1719-03-5	Chrysene-d12	108000	14.051			
1520-96-3	Perylene-d12	68900	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
000203-64-5	4H-Cyclopenta[def]phenanthrene	420	J		12.0	ug/Kg

Raw Data: **BF143069.D**

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-15	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.7
Sample Wt/Vol:	30.09 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
BF143069.D	5	07/03/25 09:00	07/09/25 21:35	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143069.D
Acq On : 09 Jul 2025 21:35
Operator : RC/JU
Sample : Q2487-15 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Quant Time: Jul 10 00:58:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

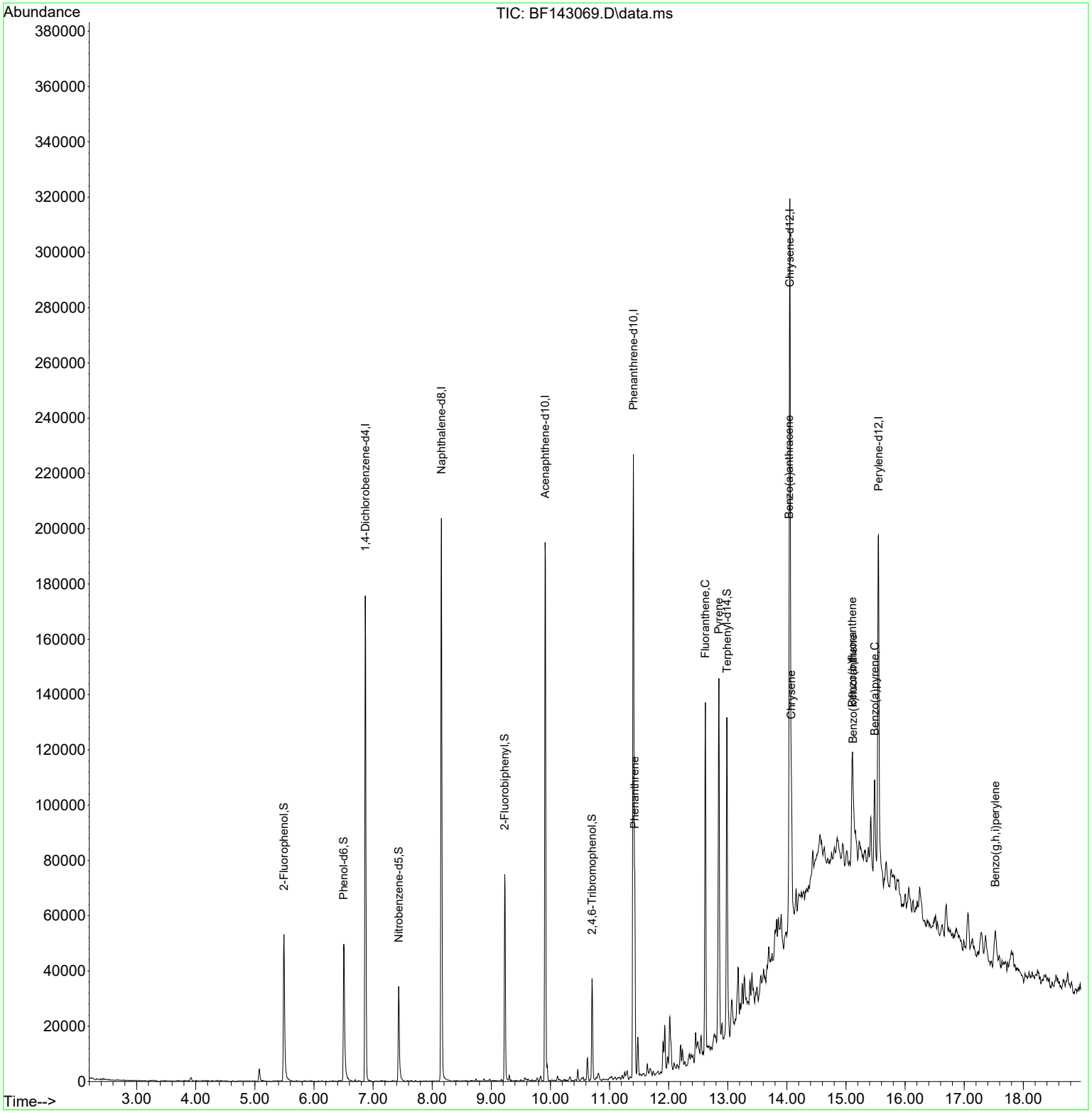
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	39640	20.000	ng		-0.01
21) Naphthalene-d8	8.157	136	139294	20.000	ng		-0.01
39) Acenaphthene-d10	9.910	164	61361	20.000	ng		-0.01
64) Phenanthrene-d10	11.404	188	117403	20.000	ng		0.00
76) Chrysene-d12	14.051	240	107649	20.000	ng		0.00
86) Perylene-d12	15.551	264	68902	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	27585	11.586	ng		0.00
7) Phenol-d6	6.504	99	31404	11.180	ng		0.00
23) Nitrobenzene-d5	7.434	82	17294	6.810	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	6921	10.961	ng		-0.01
45) 2-Fluorobiphenyl	9.228	172	37294	7.984	ng		-0.02
79) Terphenyl-d14	12.986	244	51233	6.576	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	11.428	178	38621	6.073	ng		100
75) Fluoranthene	12.622	202	72915	12.081	ng		98
78) Pyrene	12.851	202	76522	7.584	ng		99
81) Benzo(a)anthracene	14.039	228	34403	4.737	ng		95
83) Chrysene	14.074	228	27886m	4.303	ng		
88) Benzo(b)fluoranthene	15.110	252	23088m	5.791	ng		
89) Benzo(k)fluoranthene	15.121	252	10083m	2.703	ng		
90) Benzo(a)pyrene	15.486	252	17839	4.631	ng	#	93
92) Benzo(g,h,i)perylene	17.527	276	11536	2.713	ng	#	93

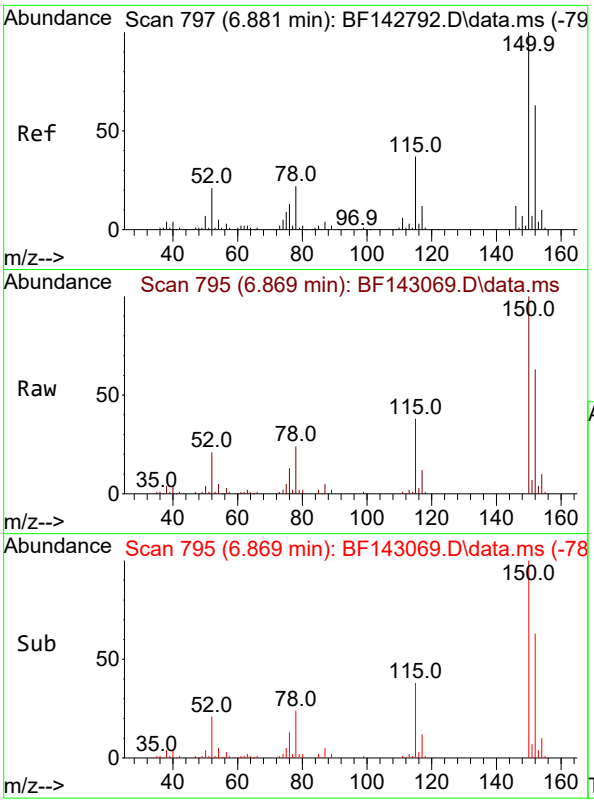
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143069.D
Acq On : 09 Jul 2025 21:35
Operator : RC/JU
Sample : Q2487-15 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Quant Time: Jul 10 00:58:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



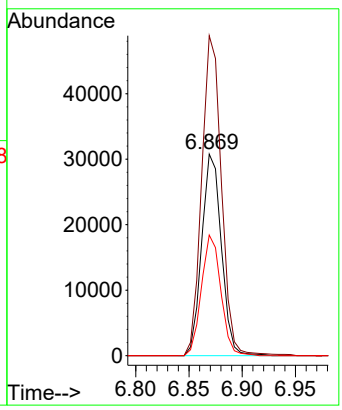


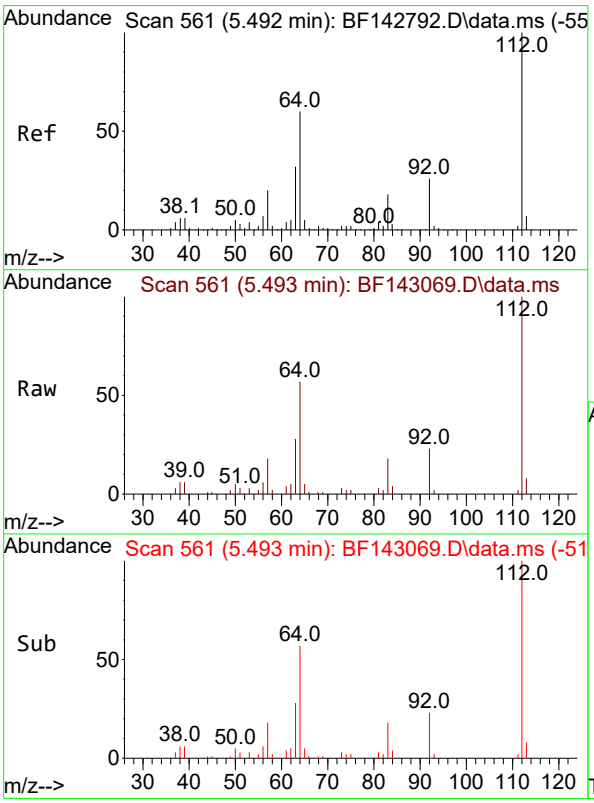
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion:152 Resp: 39640

Ion	Ratio	Lower	Upper
152	100		
150	158.7	127.2	190.8
115	59.8	46.6	69.8

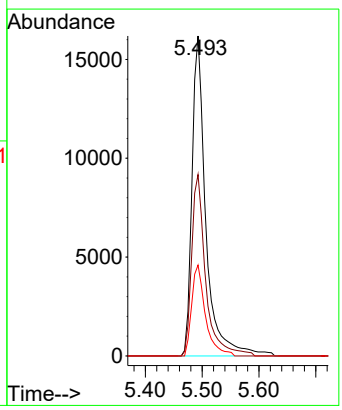


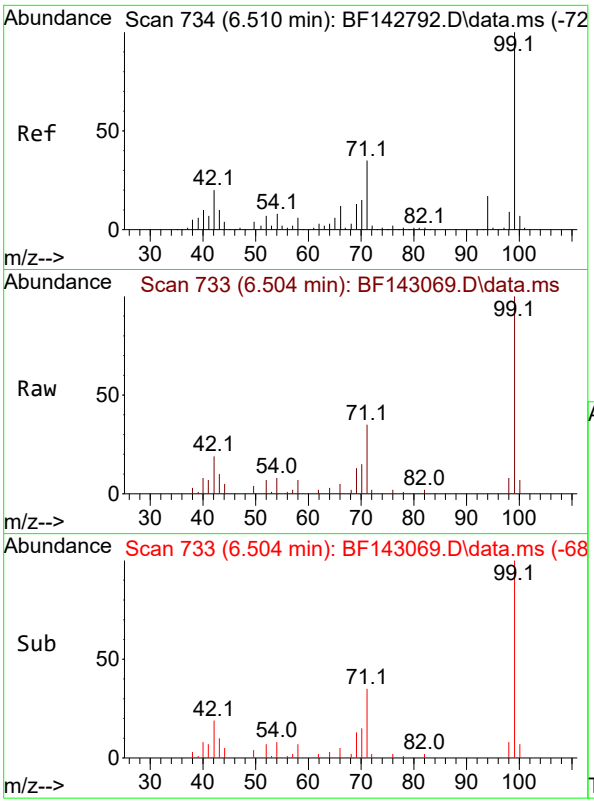


#5
2-Fluorophenol
Concen: 11.586 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Tgt Ion:112 Resp: 27585

Ion	Ratio	Lower	Upper
112	100		
64	56.7	48.2	72.2
63	28.4	25.7	38.5



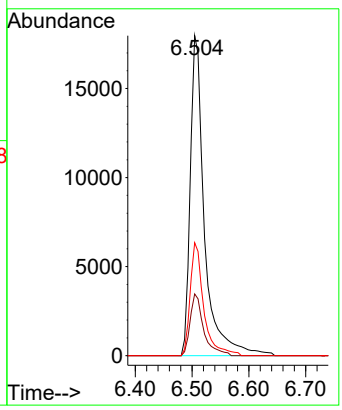


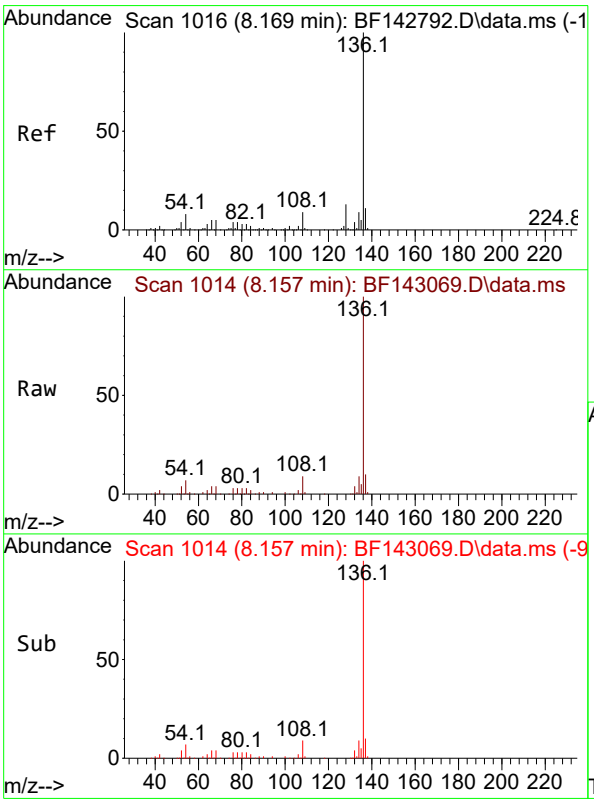
#7
Phenol-d6
Concen: 11.180 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion: 99 Resp: 31404

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.9	23.9
71	35.3	27.8	41.8

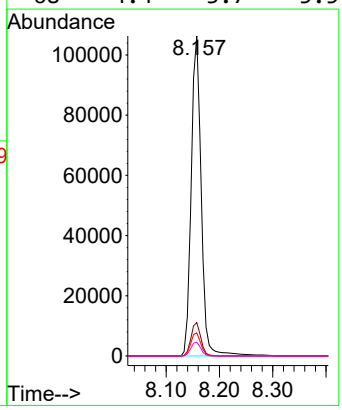


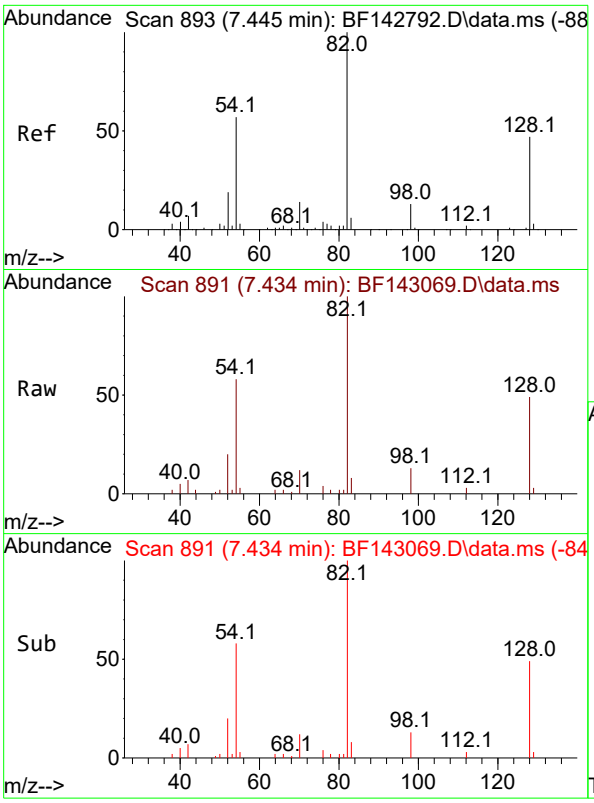


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Tgt Ion:136 Resp: 139294

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.2	6.3	9.5
68	4.4	3.7	5.5



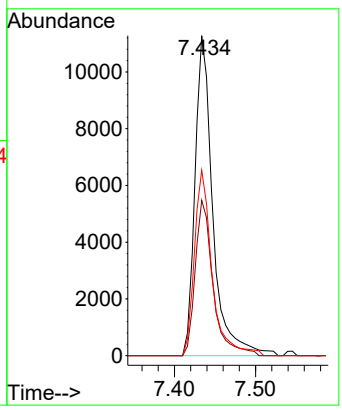


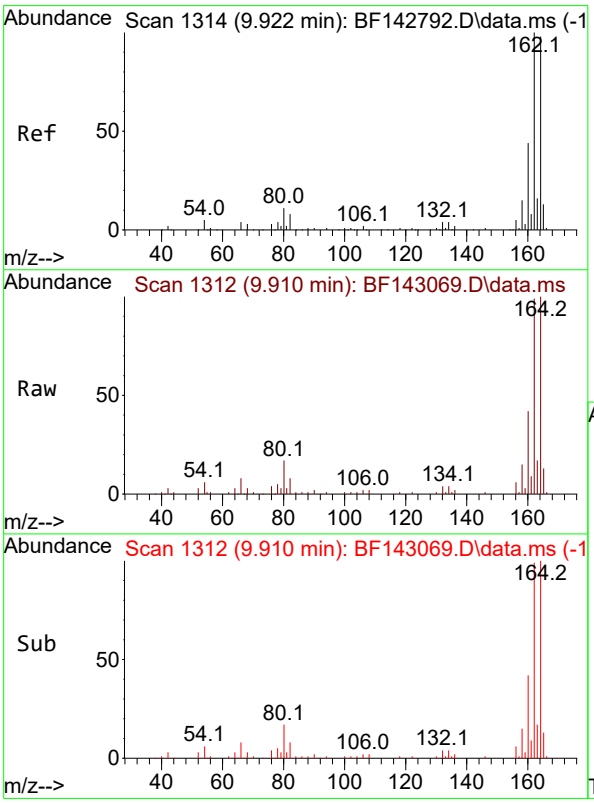
#23
Nitrobenzene-d5
Concen: 6.810 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.011 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion: 82 Resp: 17294

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.7	56.5
54	57.9	45.7	68.5

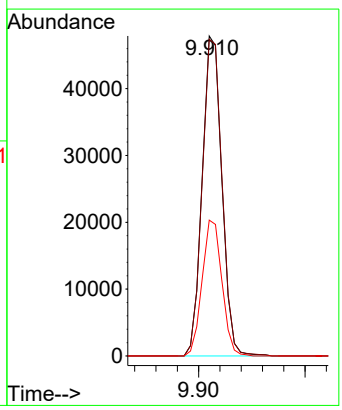


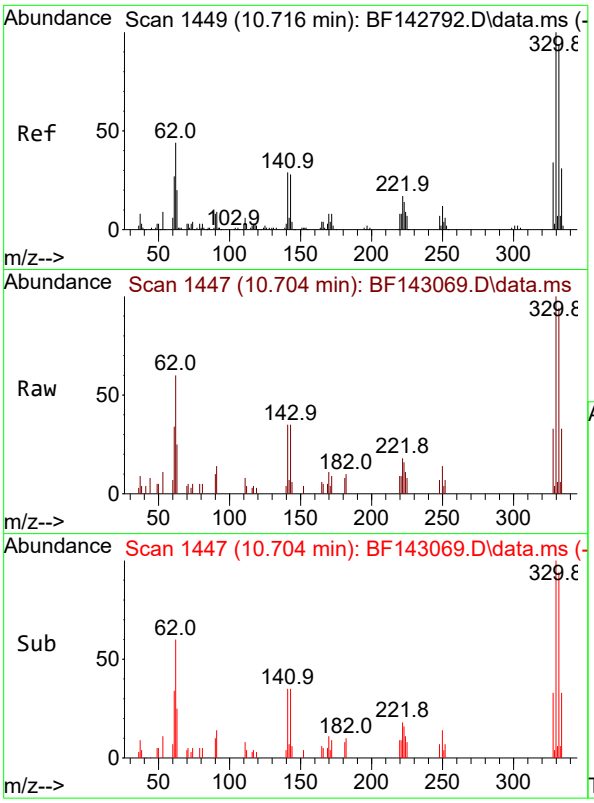


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Tgt Ion:164 Resp: 61361

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.8	122.8
160	42.4	36.0	54.0



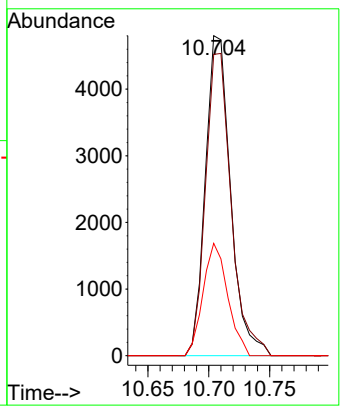


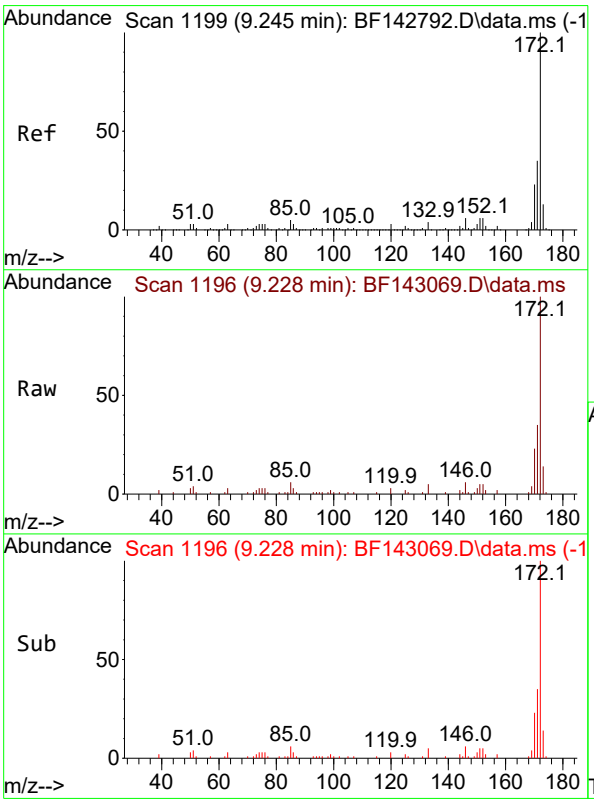
#42
2,4,6-Tribromophenol
Concen: 10.961 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion:330 Resp: 6921

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.0	112.6
141	34.3	25.3	37.9

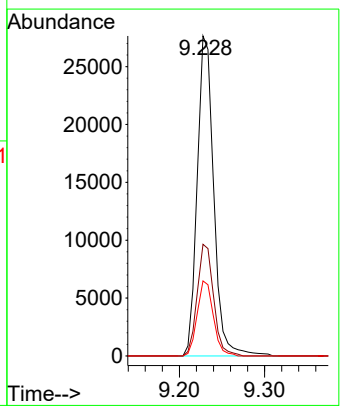


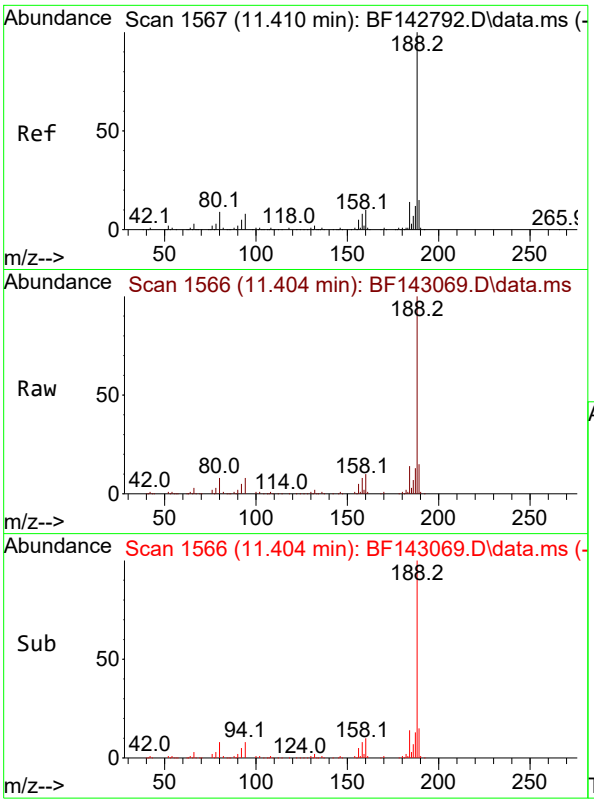


#45
2-Fluorobiphenyl
Concen: 7.984 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.017 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Tgt Ion:172 Resp: 37294

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.4
170	23.5	18.5	27.7



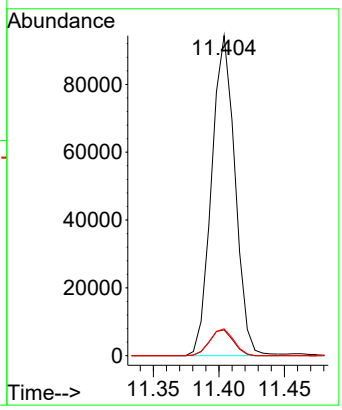


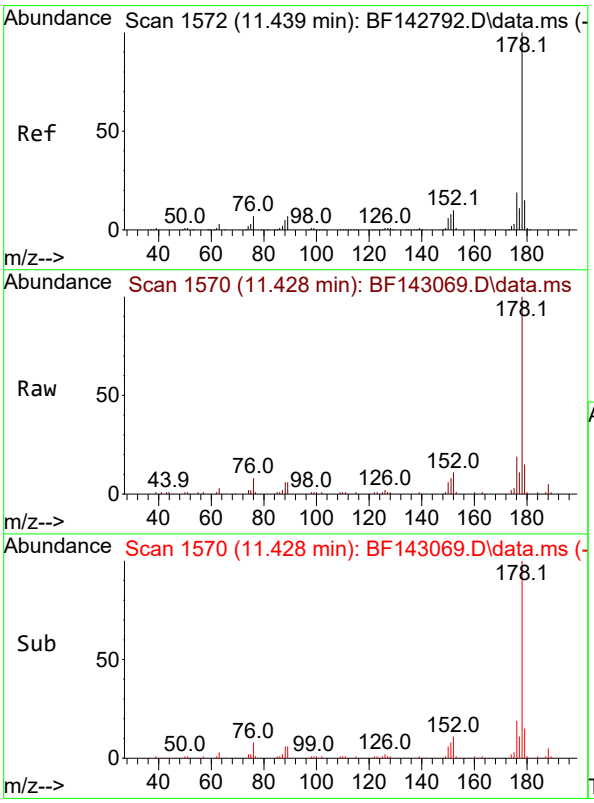
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion:188 Resp: 117403

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.4	6.9	10.3

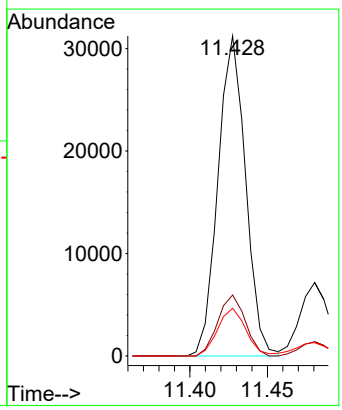


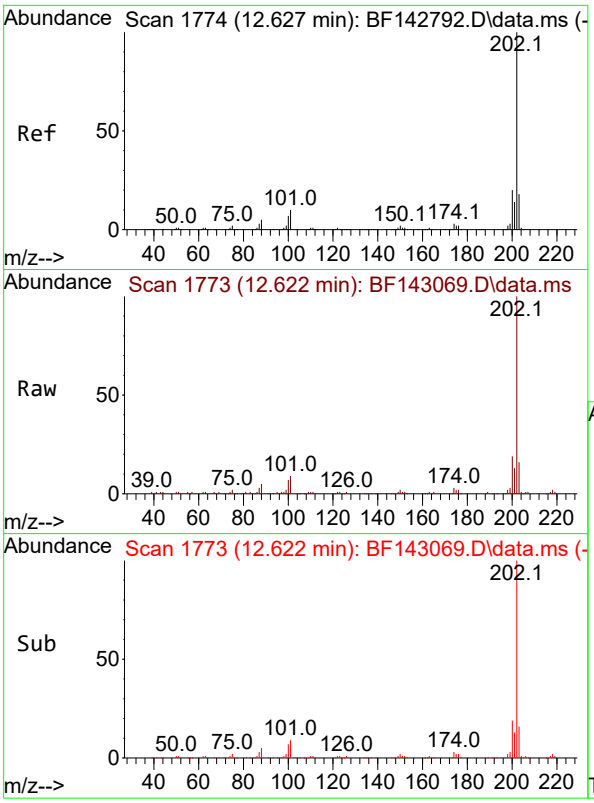


#71
Phenanthrene
Concen: 6.073 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Tgt Ion:178 Resp: 38621

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	14.9	12.0	18.0



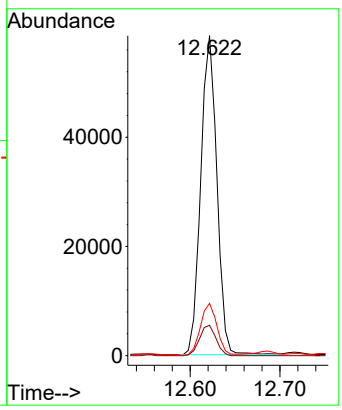


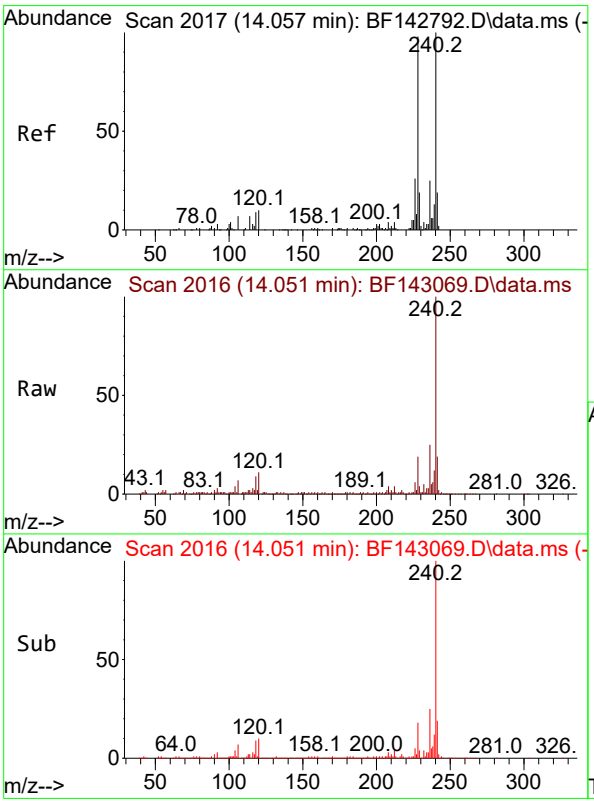
#75
Fluoranthene
Concen: 12.081 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion:202 Resp: 72915

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.7
203	16.4	0.0	37.5

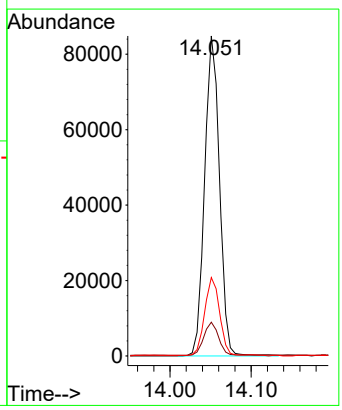


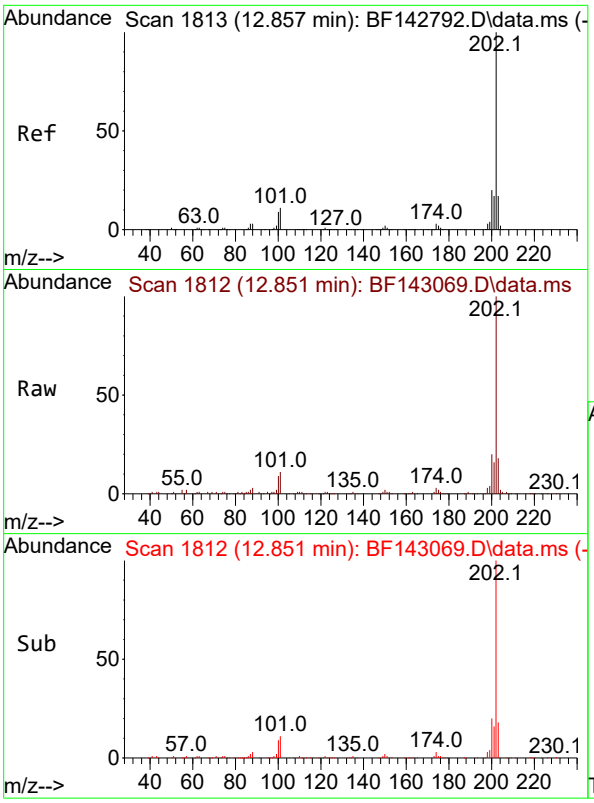


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Tgt Ion:240 Resp: 107649

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.2	12.2
236	24.5	19.8	29.8



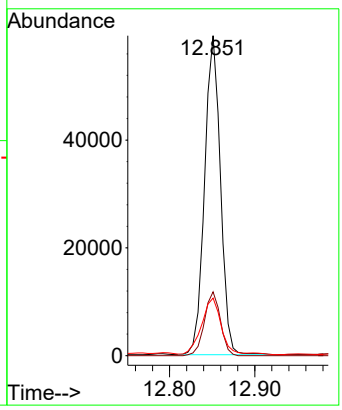


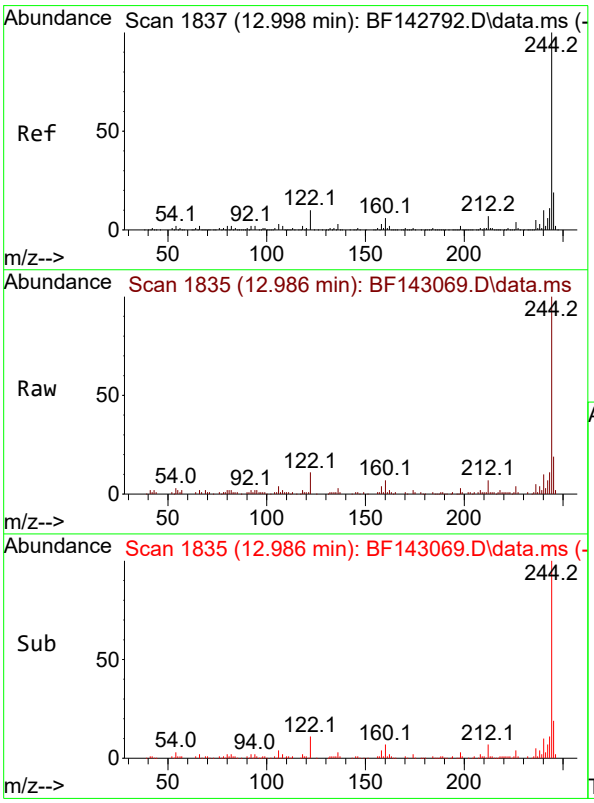
#78
Pyrene
Concen: 7.584 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion:202 Resp: 76522

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	18.0	13.8	20.6

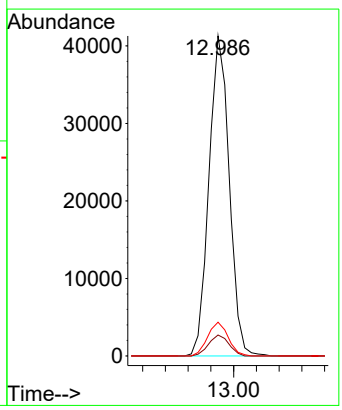


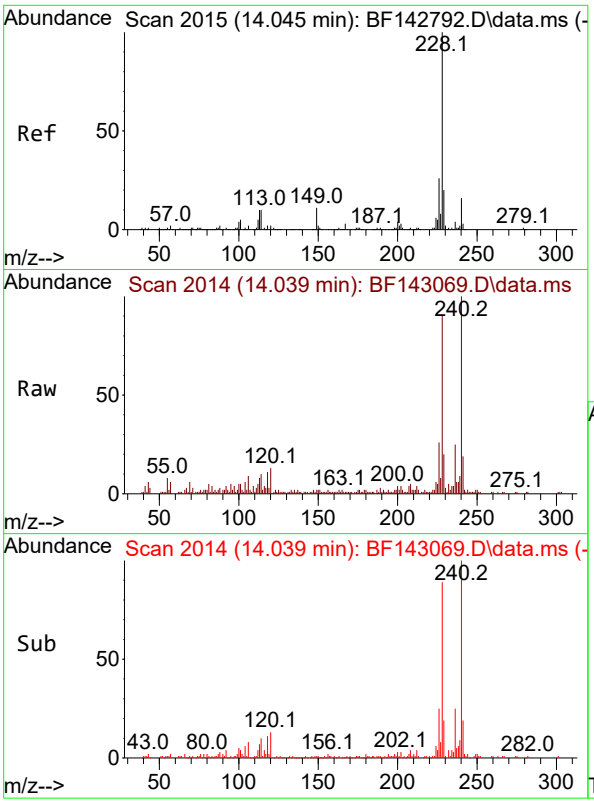


#79
Terphenyl-d14
Concen: 6.576 ng
RT: 12.986 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Tgt Ion:244 Resp: 51233

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.6	8.2	12.2



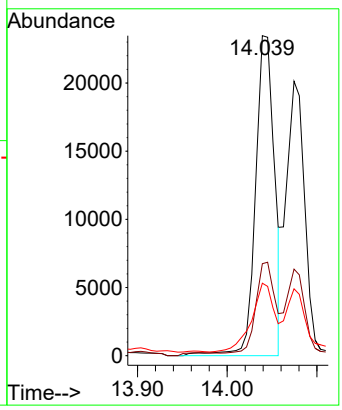


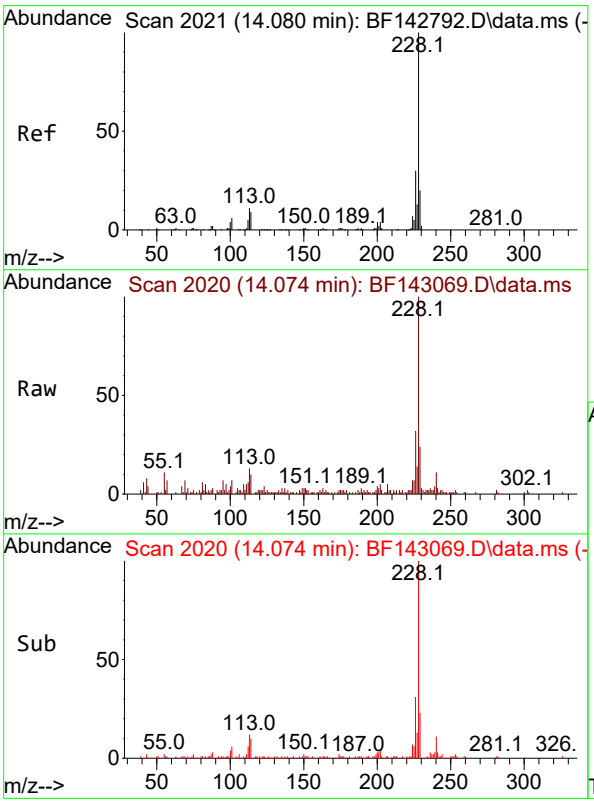
#81
Benzo(a)anthracene
Concen: 4.737 ng
RT: 14.039 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion:228 Resp: 34403

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.2	31.8
229	22.7	15.6	23.4

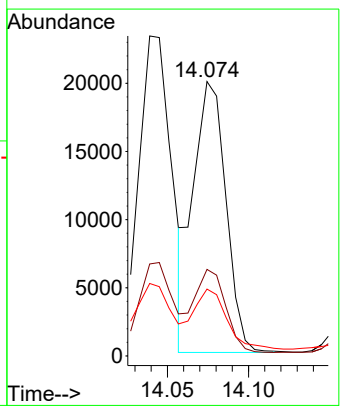


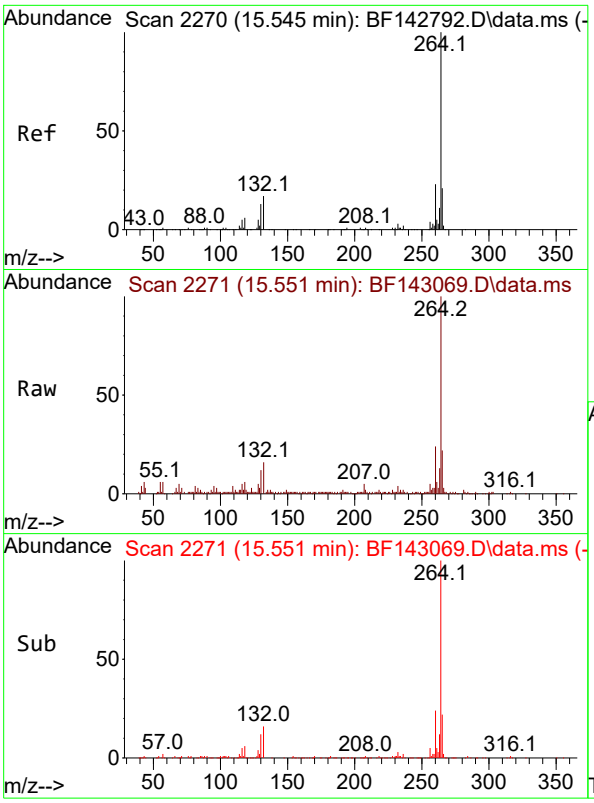


#83
Chrysene
Concen: 4.303 ng m
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Tgt Ion:228 Resp: 27886

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.7	35.5
229	24.4	15.7	23.5#



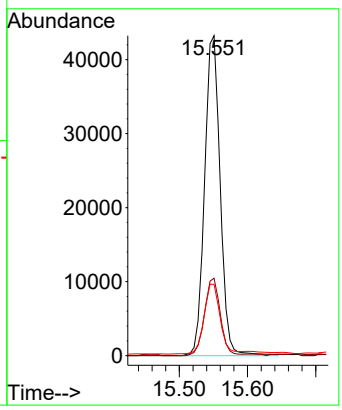


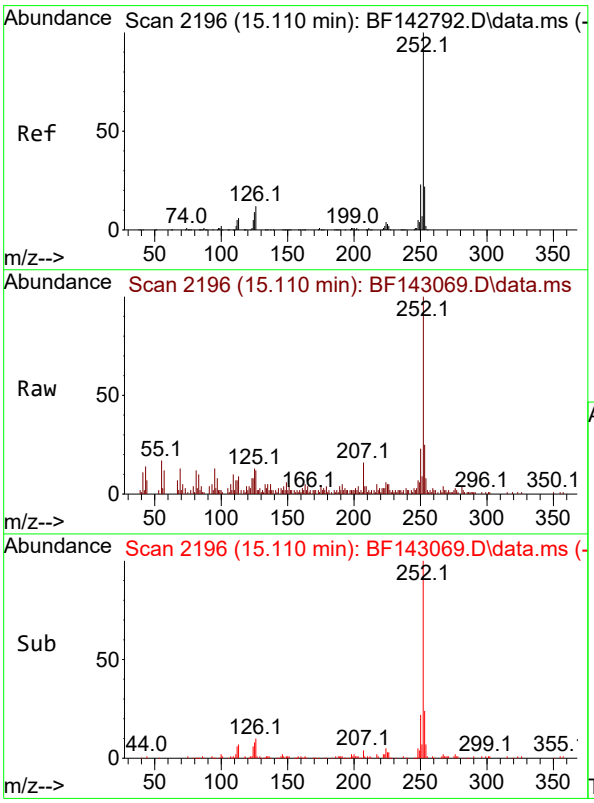
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion:264 Resp: 68902

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.1	27.1
265	22.3	16.6	25.0

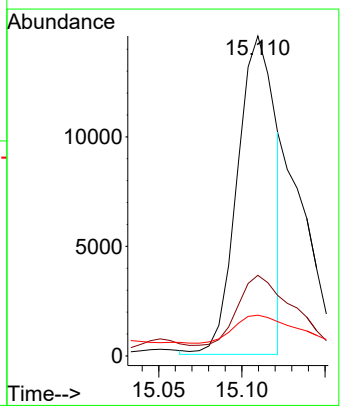


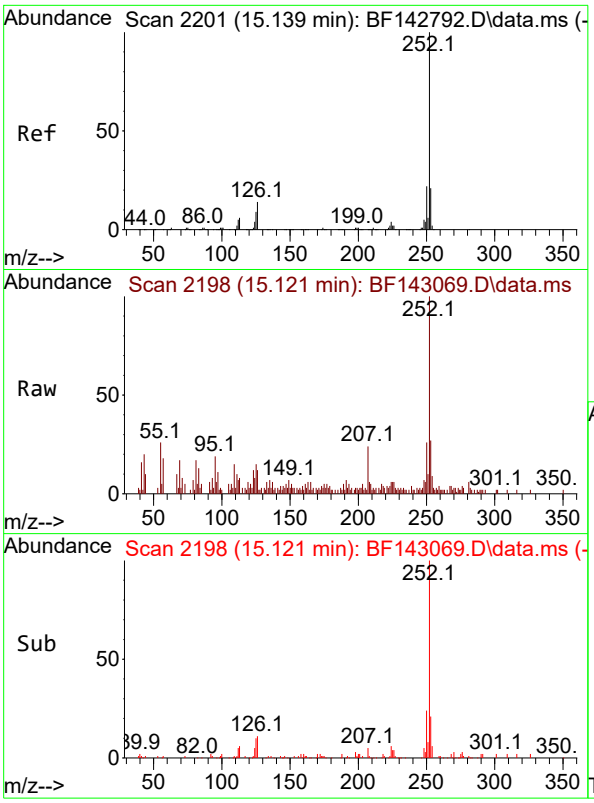


#88
Benzo(b)fluoranthene
Concen: 5.791 ng m
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Tgt Ion:252 Resp: 23088

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	12.8	7.4	11.0#



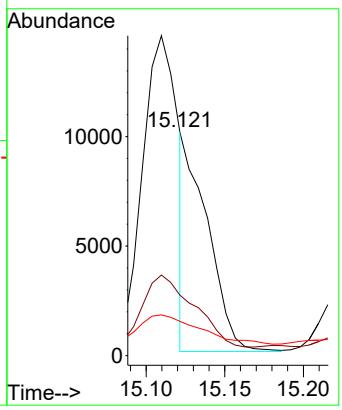


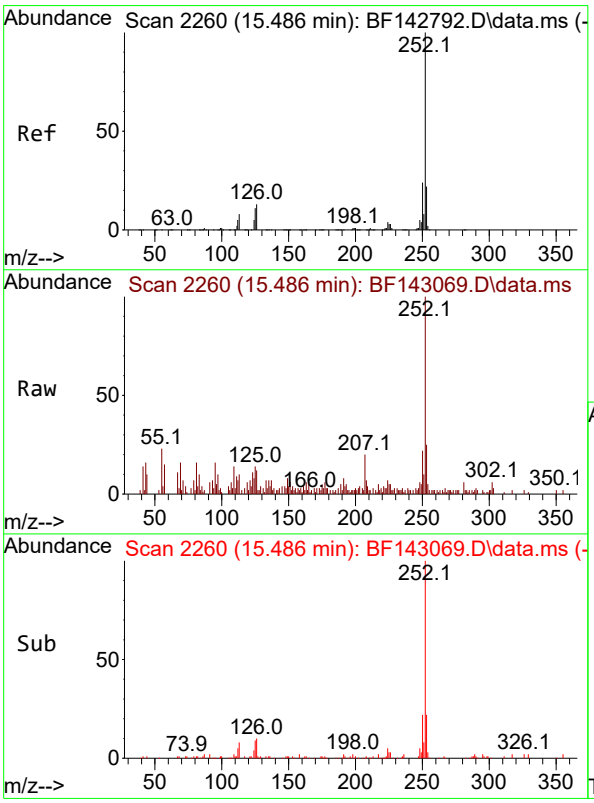
#89
Benzo(k)fluoranthene
Concen: 2.703 ng m
RT: 15.121 min Scan# 2
Delta R.T. -0.017 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion:252 Resp: 10083

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.2	25.8#
125	15.4	7.4	11.2#

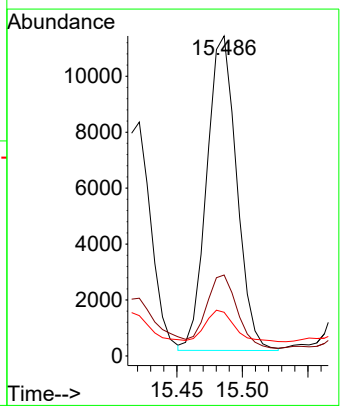


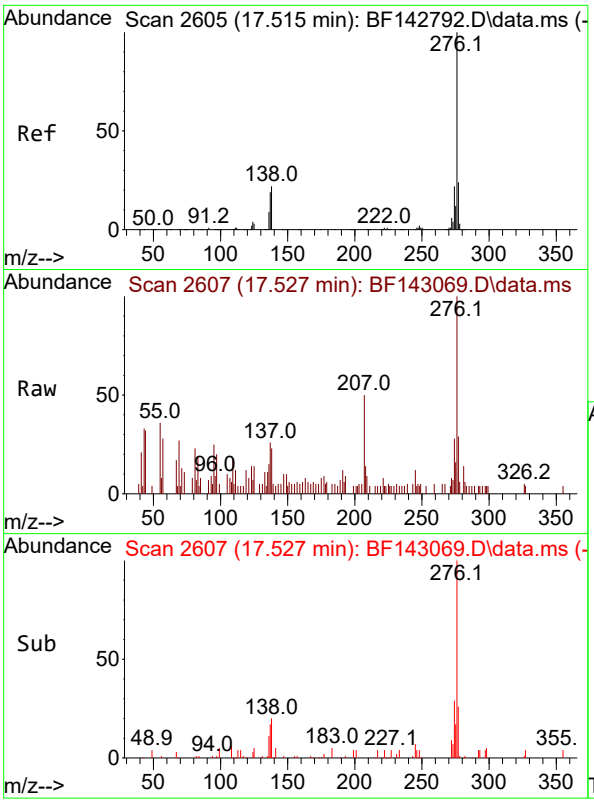


#90
Benzo(a)pyrene
Concen: 4.631 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Tgt Ion:252 Resp: 17839

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	13.7	8.6	12.8#



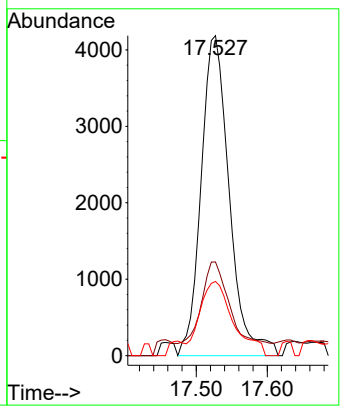


#92
Benzo(g,h,i)perylene
Concen: 2.713 ng
RT: 17.527 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143069.D
Acq: 09 Jul 2025 21:35

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Tgt Ion:276 Resp: 11536

Ion	Ratio	Lower	Upper
276	100		
277	29.3	18.8	28.2#
138	23.2	17.6	26.4



Sample Results: **BF143069.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143069.D
Acq On : 09 Jul 2025 21:35
Operator : RC/JU
Sample : Q2487-15 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143069.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	486	490	498	rBV	4401	7107	1.58%	0.229%
2	5.493	556	561	573	rBV	53075	83878	18.64%	2.702%
3	6.504	728	733	744	rBV	49563	80452	17.88%	2.592%
4	6.869	790	795	806	rBV	175564	221341	49.19%	7.131%
5	7.434	886	891	904	rBV	34276	50077	11.13%	1.613%
6	8.157	1009	1014	1039	rVB	203663	263306	58.51%	8.483%
7	9.228	1192	1196	1206	rBV	74798	94345	20.97%	3.040%
8	9.910	1307	1312	1317	rBV	194883	248532	55.23%	8.007%
9	10.463	1402	1406	1411	rVB	3847	4613	1.03%	0.149%
10	10.628	1428	1434	1439	rVB	8167	11345	2.52%	0.366%
11	10.704	1439	1447	1456	rBV	36973	48647	10.81%	1.567%
12	10.810	1462	1465	1474	rVB	2559	4578	1.02%	0.147%
13	11.298	1543	1548	1553	rVB3	3138	5617	1.25%	0.181%
14	11.404	1561	1566	1575	rBV2	225560	366278	81.40%	11.801%
15	11.480	1575	1579	1583	rVB	13785	16876	3.75%	0.544%
16	11.639	1602	1606	1611	rBV2	4107	6081	1.35%	0.196%
17	11.692	1611	1615	1620	rVB5	2535	4728	1.05%	0.152%
18	11.904	1647	1651	1654	rBV	11292	16580	3.68%	0.534%
19	11.933	1654	1656	1661	rVV	17033	20687	4.60%	0.666%
20	11.986	1661	1665	1667	rVV2	5257	7915	1.76%	0.255%
21	12.022	1667	1671	1680	rVB2	19202	37750	8.39%	1.216%
22	12.204	1697	1702	1704	rBV	8365	11273	2.51%	0.363%
23	12.233	1704	1707	1711	rVB2	5917	7506	1.67%	0.242%
24	12.351	1722	1727	1729	rBV3	3854	6468	1.44%	0.208%
25	12.457	1741	1745	1748	rBV	10856	16170	3.59%	0.521%
26	12.551	1757	1761	1765	rVB3	6725	9145	2.03%	0.295%
27	12.622	1768	1773	1778	rBV	127200	159977	35.55%	5.154%
28	12.851	1805	1812	1818	rBV	131908	196744	43.72%	6.339%
29	12.904	1818	1821	1824	rVB3	5650	7285	1.62%	0.235%
30	12.986	1830	1835	1843	rVB	115386	158844	35.30%	5.118%
31	13.069	1844	1849	1856	rBV6	12735	30867	6.86%	0.994%
32	13.174	1861	1867	1871	rBV	18942	34088	7.58%	1.098%
33	13.245	1876	1879	1882	rVV	8606	10352	2.30%	0.334%
34	13.280	1882	1885	1889	rBV2	9940	14077	3.13%	0.454%
35	13.374	1899	1901	1904	rBV	6771	7908	1.76%	0.255%
36	13.410	1904	1907	1915	rVB4	10949	20222	4.49%	0.652%

Sample Results: **BF143069.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143069.D
Acq On : 09 Jul 2025 21:35
Operator : RC/JU
Sample : Q2487-15 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.051	2010	2016	2029	rBV2	261501	449996	100.00%	14.498%
38	15.110	2192	2196	2203	rBV	34997	71670	15.93%	2.309%
39	15.486	2256	2260	2265	rBV	31470	51306	11.40%	1.653%
40	15.551	2266	2271	2285	rVB	127391	239229	53.16%	7.707%

Sum of corrected areas: 3103860

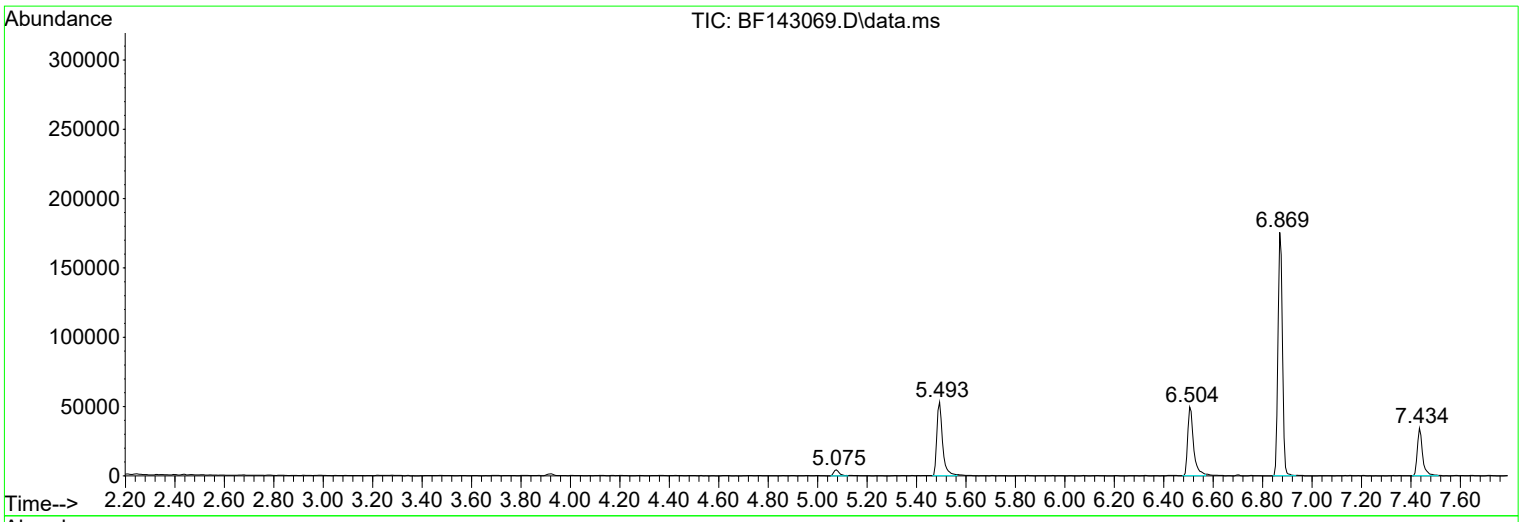
Sample Results: **BF143069.D**

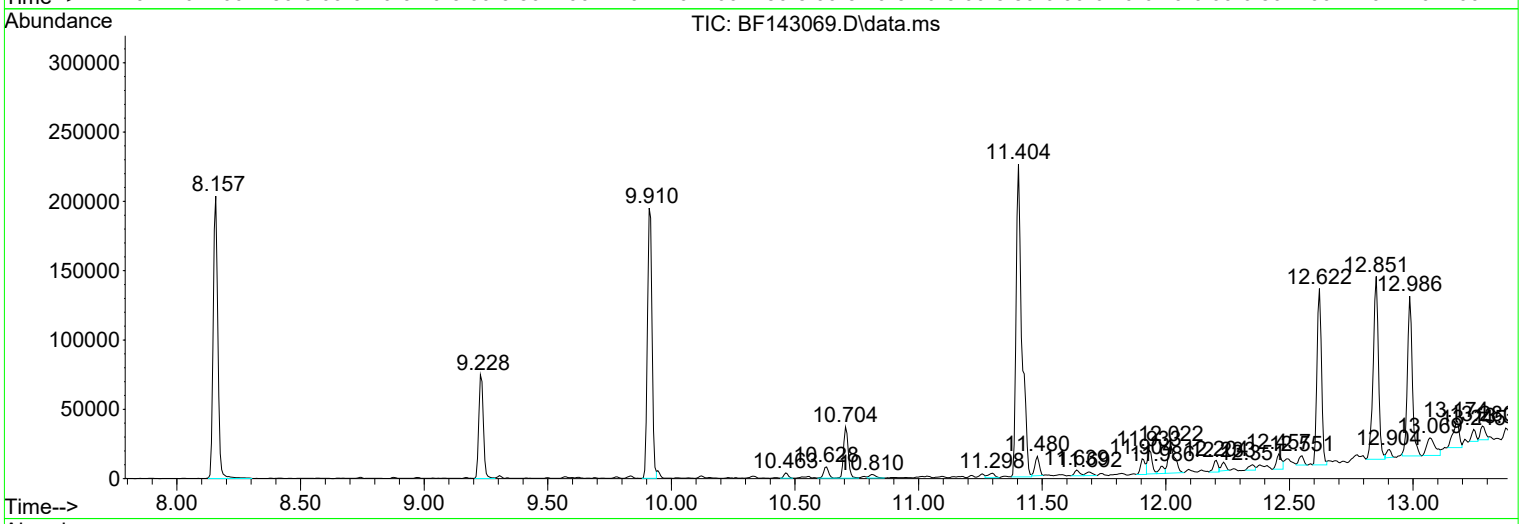
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143069.D
Acq On : 09 Jul 2025 21:35
Operator : RC/JU
Sample : Q2487-15 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

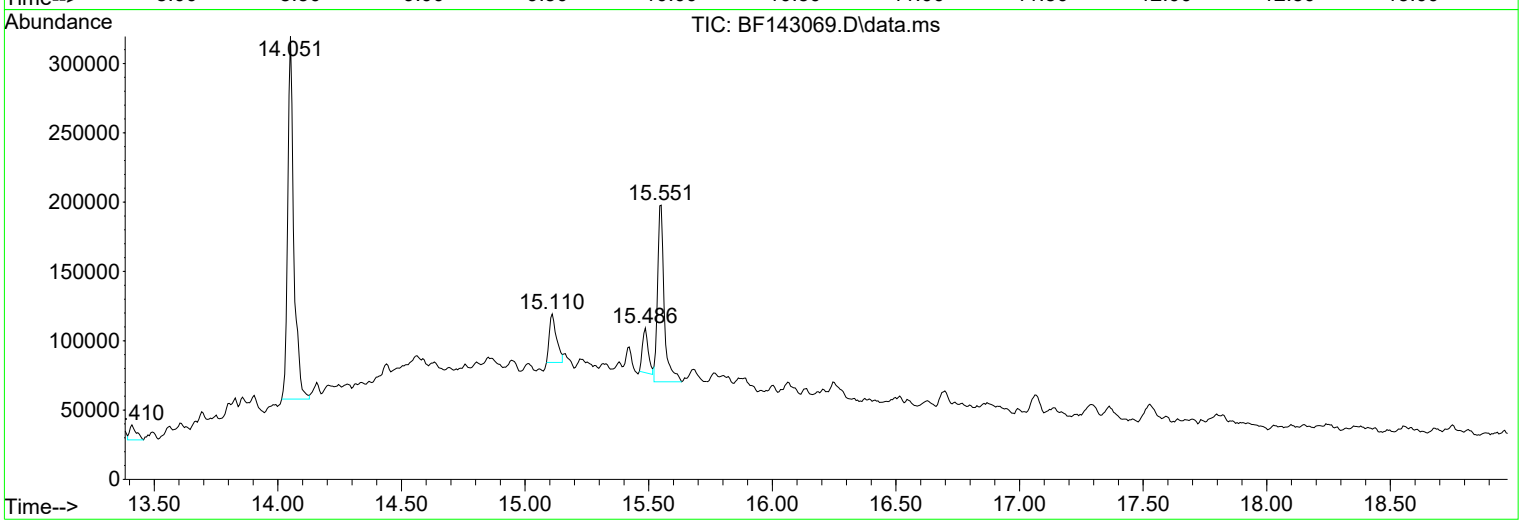
Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143069.D
Acq On : 09 Jul 2025 21:35
Operator : RC/JU
Sample : Q2487-15 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

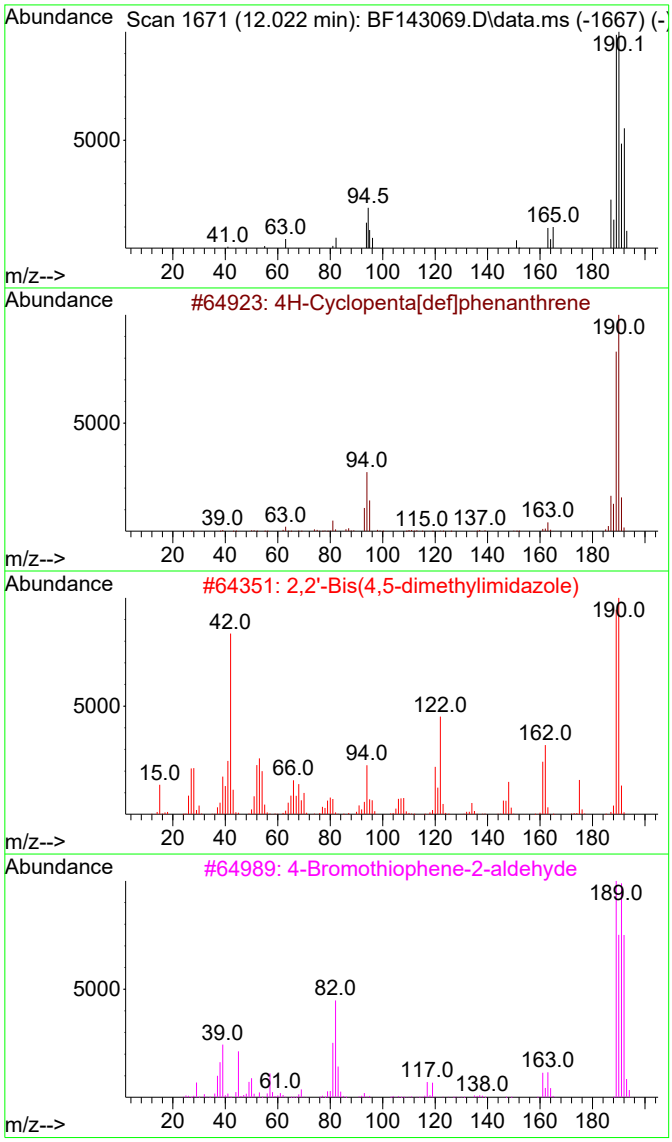
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

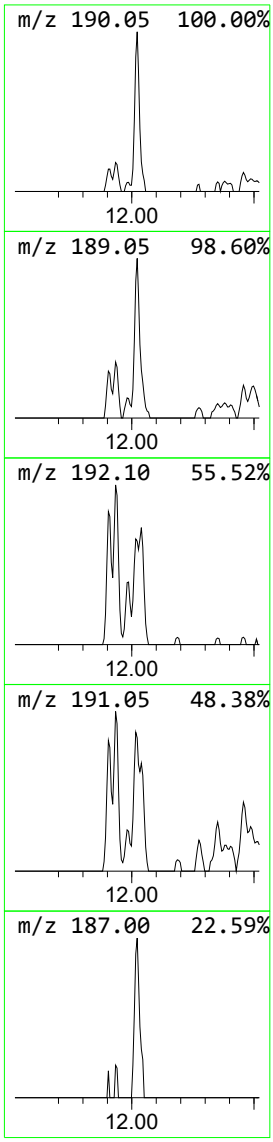
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	2.06 ng	37750	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	37
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14





Sample Results: **BF143069.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143069.D
Acq On : 09 Jul 2025 21:35
Operator : RC/JU
Sample : Q2487-15 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
4H-Cyclopenta[d...	12.022	2.1	ng	37750	4	11.404	366278	20.0

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-16	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.3
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
BF143067.D	5	07/03/25 09:00	07/09/25 20:34	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	840	U	840	1800	ug/Kg
108-95-2	Phenol	120	U	120	910	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	910	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	910	ug/Kg
95-48-7	2-Methylphenol	160	U	160	910	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	910	ug/Kg
98-86-2	Acetophenone	160	U	160	910	ug/Kg
65794-96-9	3+4-Methylphenols	220	U	220	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	430	ug/Kg
67-72-1	Hexachloroethane	94.3	U	94.3	910	ug/Kg
98-95-3	Nitrobenzene	98.0	U	98.0	910	ug/Kg
78-59-1	Isophorone	180	U	180	910	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	910	ug/Kg
105-67-9	2,4-Dimethylphenol	350	U	350	910	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	160	910	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	910	ug/Kg
91-20-3	Naphthalene	120	U	120	910	ug/Kg
106-47-8	4-Chloroaniline	190	U	190	910	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	910	ug/Kg
105-60-2	Caprolactam	280	U	280	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	910	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	910	ug/Kg
77-47-4	Hexachlorocyclopentadiene	620	U	620	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	910	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	910	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	910	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	910	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	910	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	910	ug/Kg

Raw Data: **BF143067.D**

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-16	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.3
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
BF143067.D	5	07/03/25 09:00	07/09/25 20:34	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	150	910	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	910	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	910	ug/Kg
83-32-9	Acenaphthene	110	U	110	910	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1800	ug/Kg
100-02-7	4-Nitrophenol	570	U	570	1800	ug/Kg
132-64-9	Dibenzofuran	120	U	120	910	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	910	ug/Kg
84-66-2	Diethylphthalate	150	U	150	910	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	910	ug/Kg
86-73-7	Fluorene	140	U	140	910	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	910	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	550	U	550	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	910	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	910	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	910	ug/Kg
1912-24-9	Atrazine	180	U	180	910	ug/Kg
87-86-5	Pentachlorophenol	270	U	270	1800	ug/Kg
85-01-8	Phenanthrene	2500		110	910	ug/Kg
120-12-7	Anthracene	610	J	180	910	ug/Kg
86-74-8	Carbazole	170	U	170	910	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	910	ug/Kg
206-44-0	Fluoranthene	4000		160	910	ug/Kg
129-00-0	Pyrene	1700		190	910	ug/Kg
85-68-7	Butylbenzylphthalate	380	U	380	910	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	1800	ug/Kg
56-55-3	Benzo(a)anthracene	1100		120	910	ug/Kg
218-01-9	Chrysene	1100		110	910	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	910	ug/Kg
117-84-0	Di-n-octyl phthalate	460	U	460	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		100	910	ug/Kg

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-16	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.3
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
BF143067.D	5	07/03/25 09:00	07/09/25 20:34	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	630	J	120	910	ug/Kg
50-32-8	Benzo(a)pyrene	1000		160	910	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410	J	160	910	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	910	ug/Kg
191-24-2	Benzo(g,h,i)perylene	490	J	140	910	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	910	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	910	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	910	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	56.1		18 - 112	37%	SPK: 150
13127-88-3	Phenol-d6	56.6		15 - 107	38%	SPK: 150
4165-60-0	Nitrobenzene-d5	37.0		18 - 107	37%	SPK: 100
321-60-8	2-Fluorobiphenyl	39.5		20 - 109	39%	SPK: 100
118-79-6	2,4,6-Tribromophenol	46.6		10 - 116	31%	SPK: 150
1718-51-0	Terphenyl-d14	26.6		10 - 105	27%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	45200	6.869			
1146-65-2	Naphthalene-d8	160000	8.157			
15067-26-2	Acenaphthene-d10	70300	9.91			
1517-22-2	Phenanthrene-d10	108000	11.404			
1719-03-5	Chrysene-d12	119000	14.051			
1520-96-3	Perylene-d12	77500	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000203-64-5	4H-Cyclopenta[def]phenanthrene	540	J		12.0	ug/Kg
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	1200	J		12.3	ug/Kg
000192-97-2	Benzo[e]pyrene	610	J		15.4	ug/Kg

Raw Data: **BF143067.D**

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-16	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.3
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
BF143067.D	5	07/03/25 09:00	07/09/25 20:34	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143067.D
Acq On : 09 Jul 2025 20:34
Operator : RC/JU
Sample : Q2487-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Quant Time: Jul 10 00:58:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

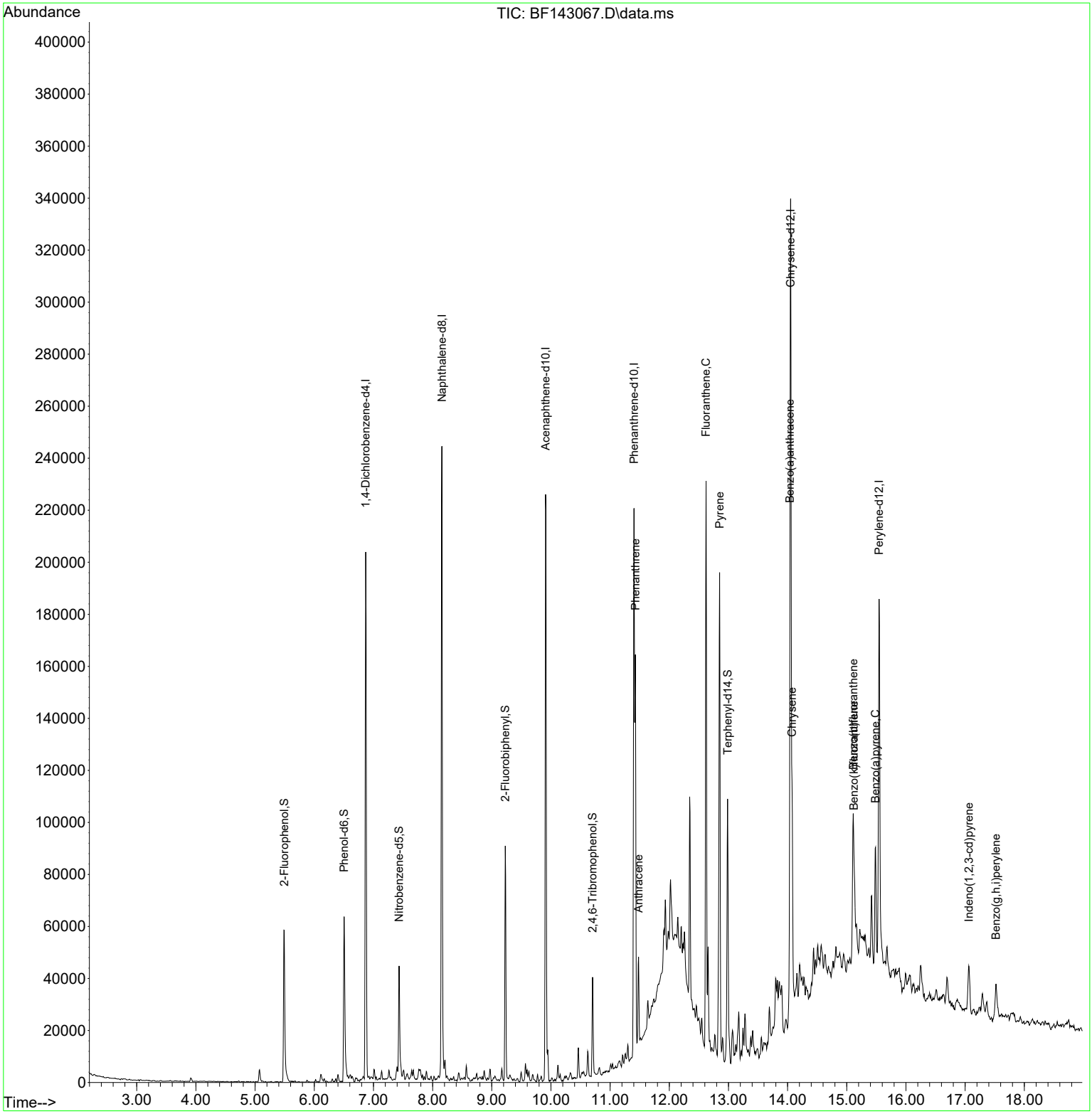
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	45228	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	159788	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	70306	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	107884	20.000	ng	0.00
76) Chrysene-d12	14.051	240	119286	20.000	ng	0.00
86) Perylene-d12	15.545	264	77504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	30498	11.227	ng	0.00
7) Phenol-d6	6.504	99	36252	11.311	ng	0.00
23) Nitrobenzene-d5	7.434	82	21540	7.394	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	6743	9.320	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	42262	7.897	ng	-0.02
79) Terphenyl-d14	12.986	244	45867	5.313	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.428	178	81242	13.902	ng	99
72) Anthracene	11.480	178	20608	3.438	ng	97
75) Fluoranthene	12.622	202	124150	22.384	ng	99
78) Pyrene	12.851	202	107901	9.650	ng	100
81) Benzo(a)anthracene	14.039	228	51670	6.421	ng	96
83) Chrysene	14.074	228	42774	5.957	ng	96
87) Indeno(1,2,3-cd)pyrene	17.062	276	13686	2.318	ng	96
88) Benzo(b)fluoranthene	15.110	252	33554m	7.482	ng	
89) Benzo(k)fluoranthene	15.121	252	14850m	3.539	ng	
90) Benzo(a)pyrene	15.486	252	25149	5.805	ng	99
92) Benzo(g,h,i)perylene	17.521	276	13218	2.764	ng	96

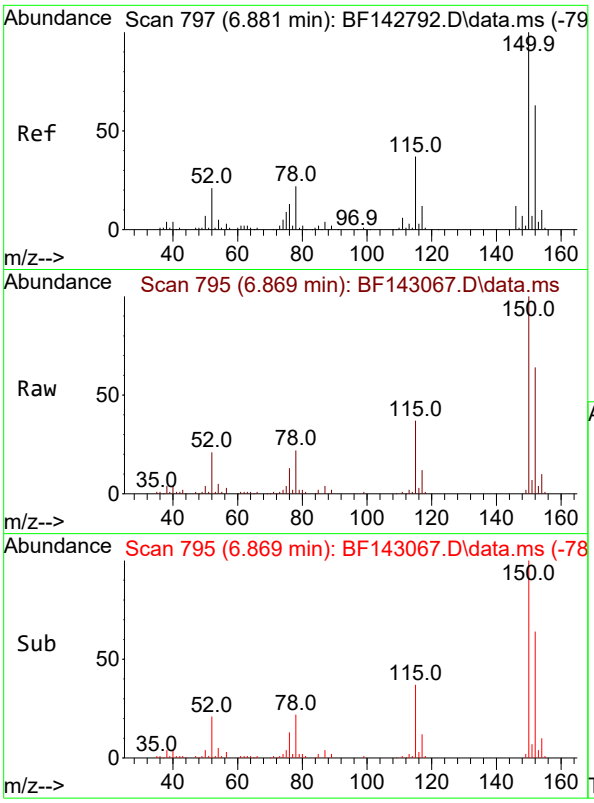
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143067.D
Acq On : 09 Jul 2025 20:34
Operator : RC/JU
Sample : Q2487-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Quant Time: Jul 10 00:58:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
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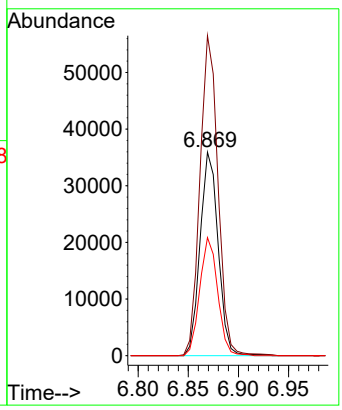


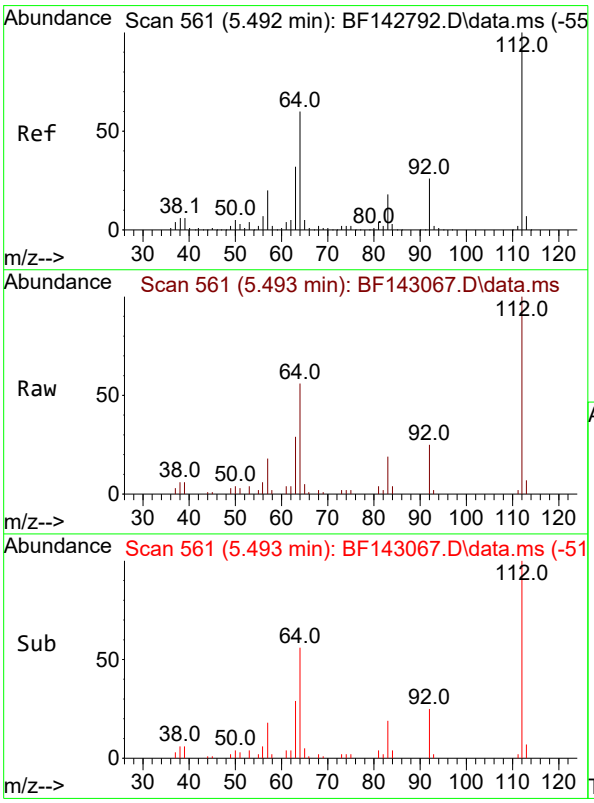
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Tgt Ion:152 Resp: 45228

Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.2	190.8
115	58.0	46.6	69.8

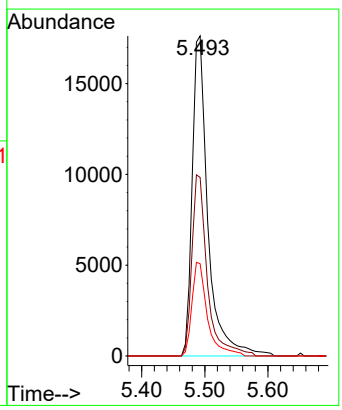


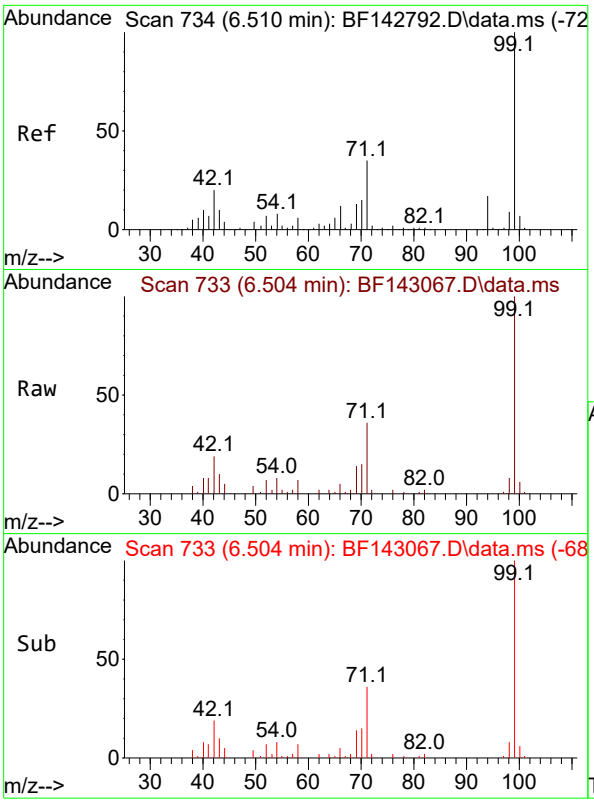


#5
2-Fluorophenol
Concen: 11.227 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Tgt Ion:112 Resp: 30498

Ion	Ratio	Lower	Upper
112	100		
64	55.8	48.2	72.2
63	28.9	25.7	38.5



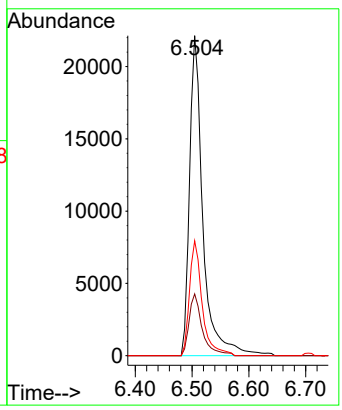


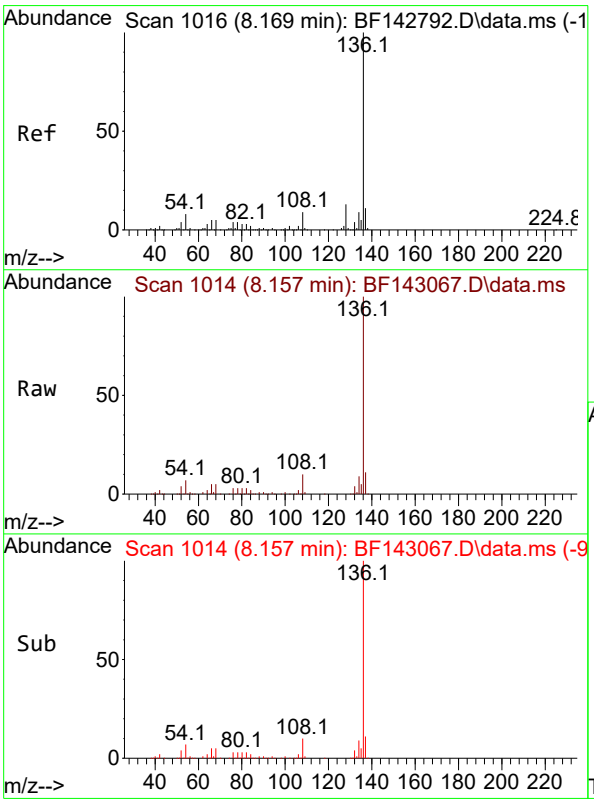
#7
Phenol-d6
Concen: 11.311 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Tgt Ion: 99 Resp: 36252

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.9	23.9
71	35.9	27.8	41.8

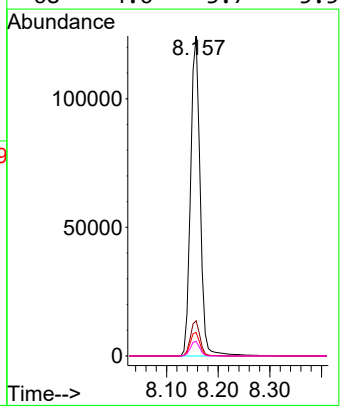


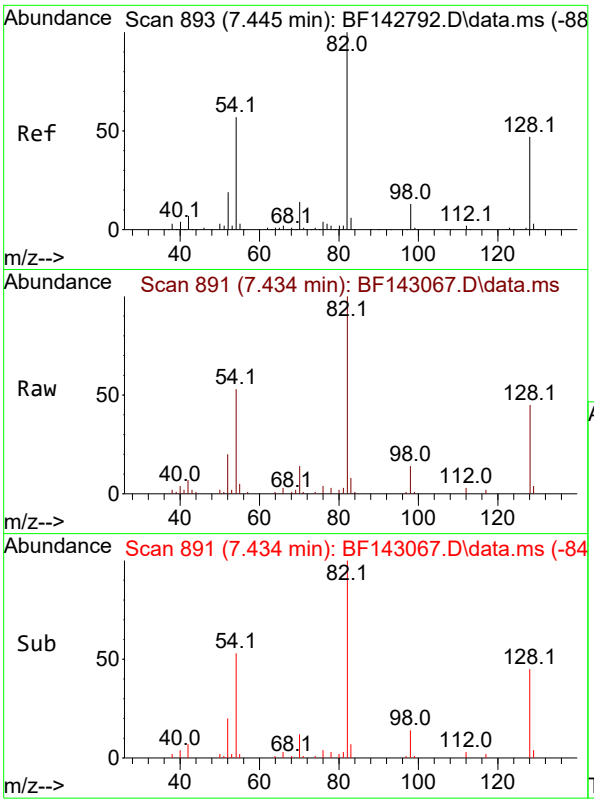


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Tgt Ion:136 Resp: 159788

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.4	6.3	9.5
68	4.6	3.7	5.5



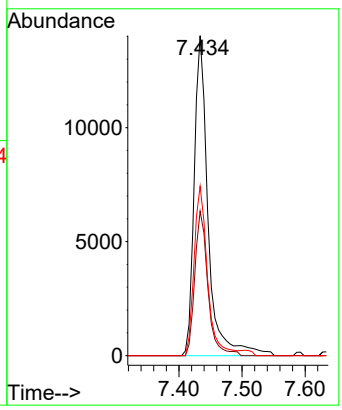


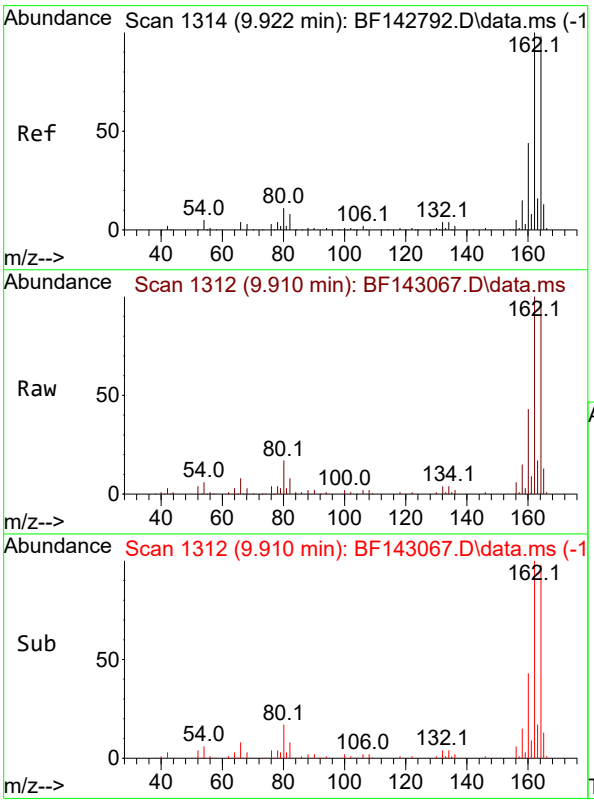
#23
Nitrobenzene-d5
Concen: 7.394 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.011 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Tgt Ion: 82 Resp: 21540

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.7	56.5
54	52.9	45.7	68.5

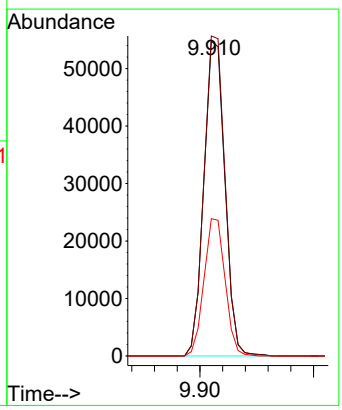


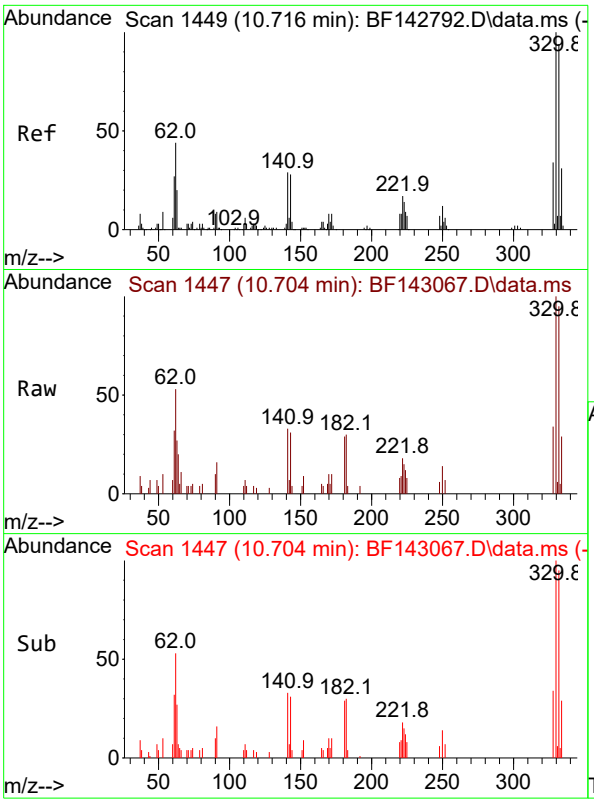


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Tgt Ion:164 Resp: 70306

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.8	122.8
160	43.6	36.0	54.0



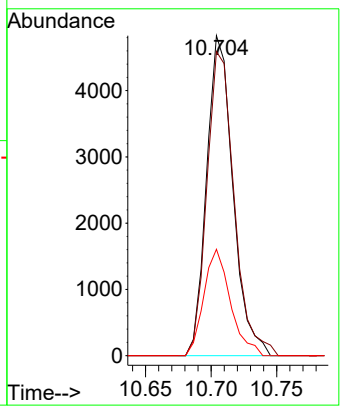


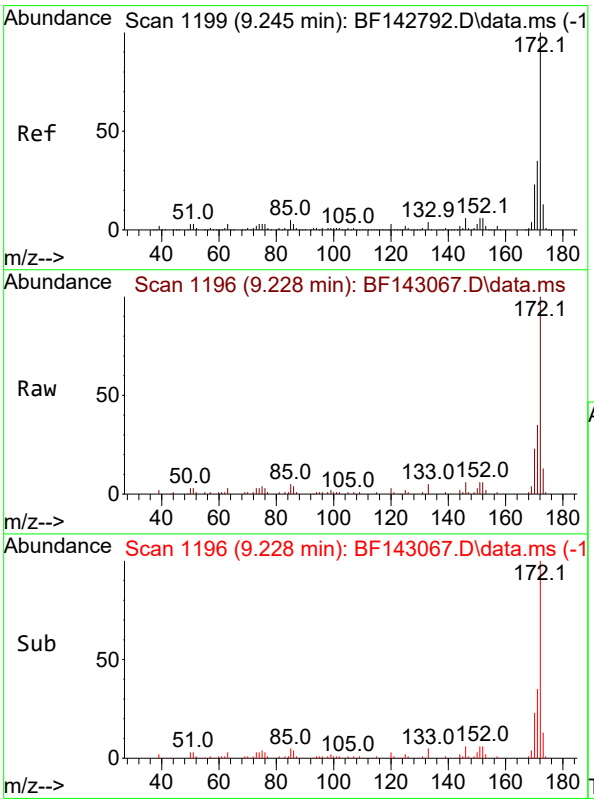
#42
2,4,6-Tribromophenol
Concen: 9.320 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Tgt Ion:330 Resp: 6743

Ion	Ratio	Lower	Upper
330	100		
332	98.4	75.0	112.6
141	33.7	25.3	37.9

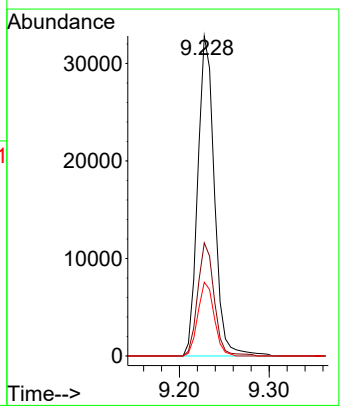


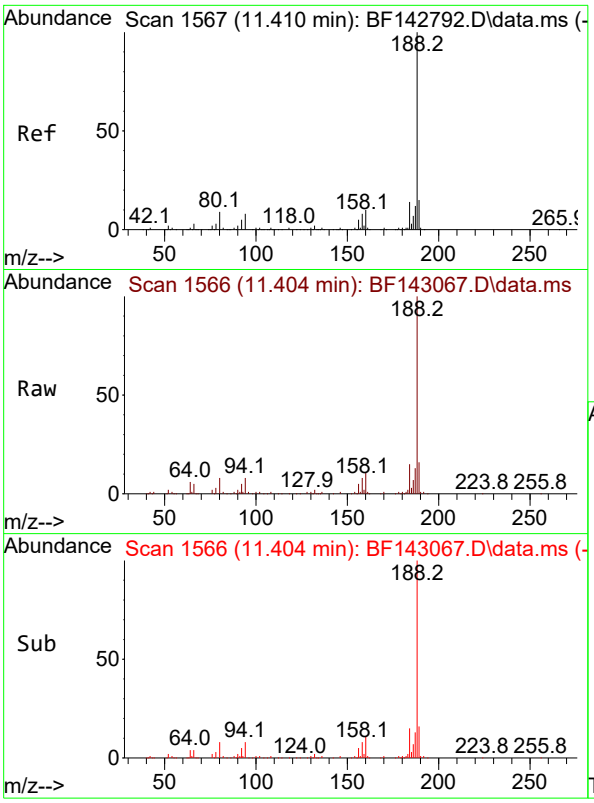


#45
2-Fluorobiphenyl
Concen: 7.897 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.017 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Tgt Ion:172 Resp: 42262

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.0	18.5	27.7



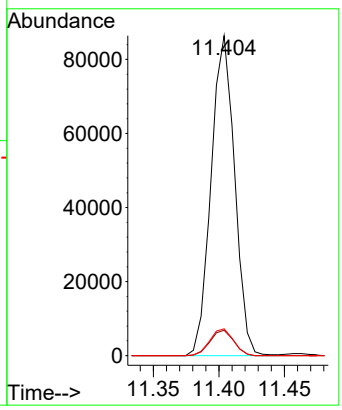


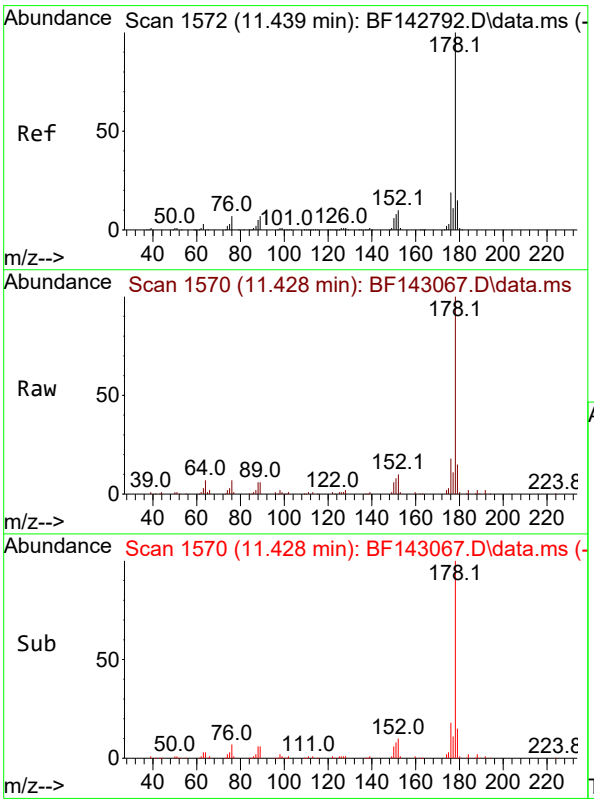
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Tgt Ion:188 Resp: 107884

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.4	6.9	10.3

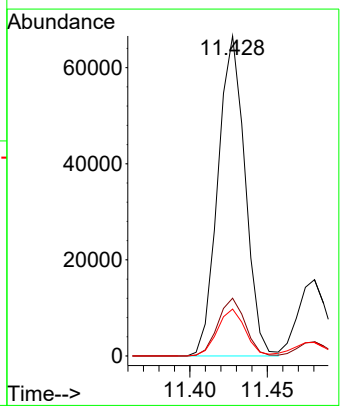


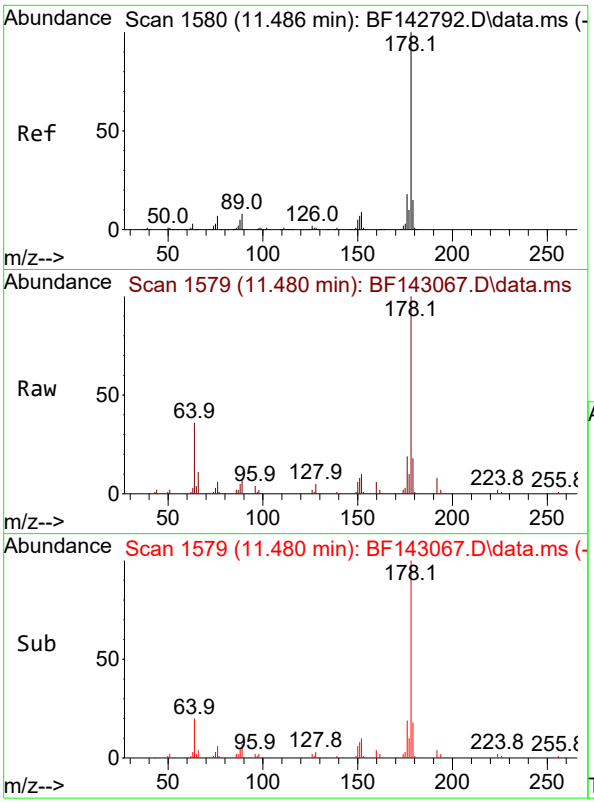


#71
Phenanthrene
Concen: 13.902 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Tgt Ion:178 Resp: 81242

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	14.7	12.0	18.0



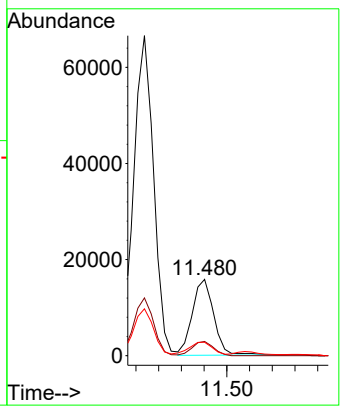


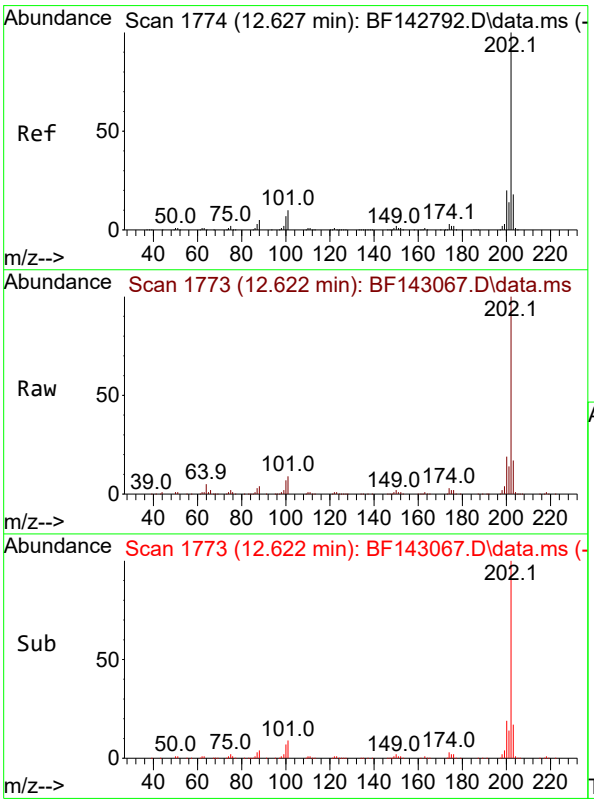
#72
Anthracene
Concen: 3.438 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Tgt Ion:178 Resp: 20608

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	17.6	12.4	18.6

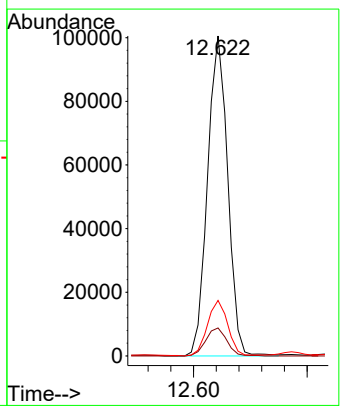


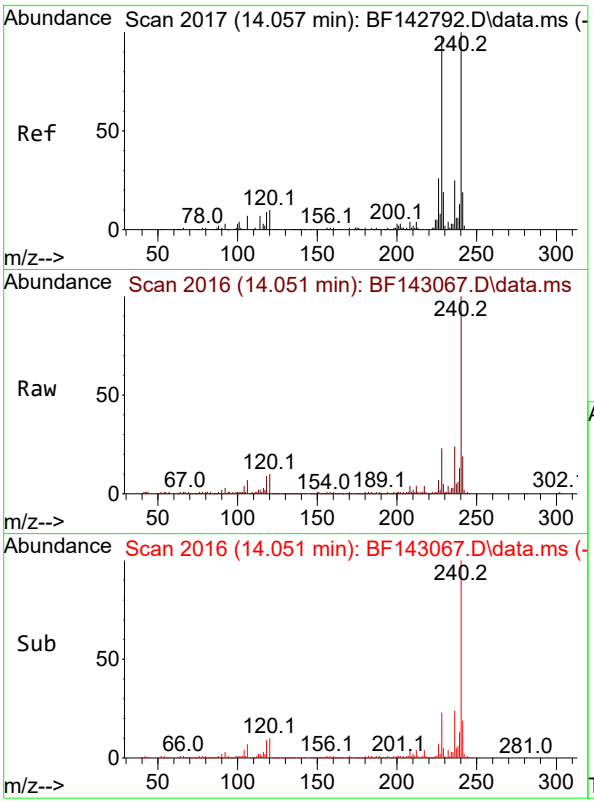


#75
Fluoranthene
Concen: 22.384 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Tgt Ion:202 Resp: 124150

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.7
203	17.3	0.0	37.5



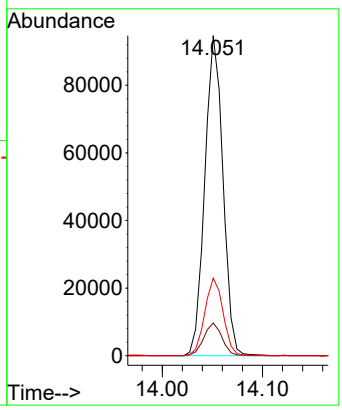


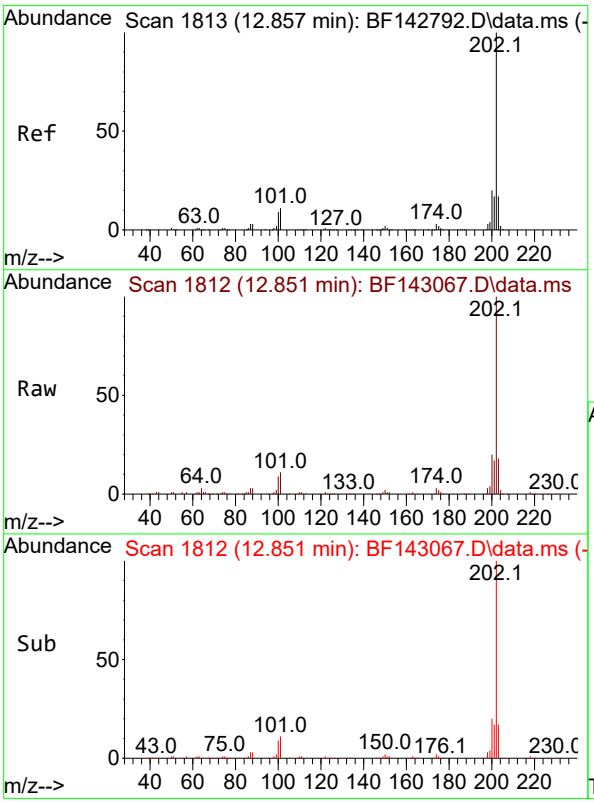
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Tgt Ion:240 Resp: 119286

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	24.2	19.8	29.8

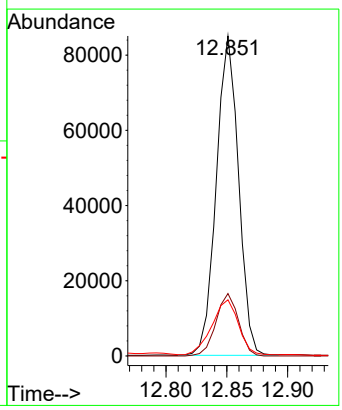


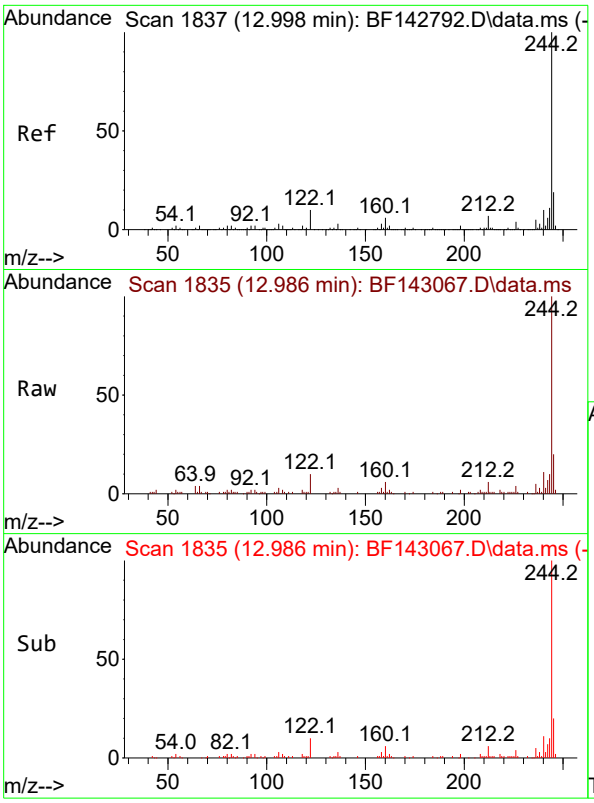


#78
Pyrene
Concen: 9.650 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Tgt Ion:202 Resp: 107901

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.7	23.5
203	17.6	13.8	20.6



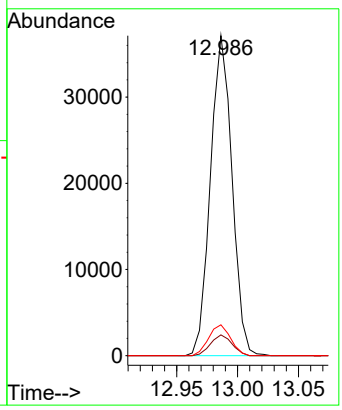


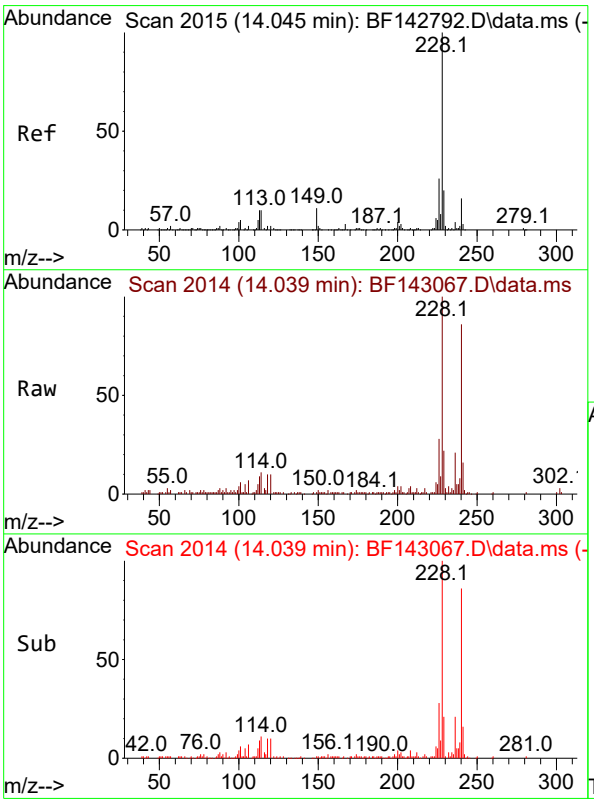
#79
Terphenyl-d14
Concen: 5.313 ng
RT: 12.986 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Tgt Ion:244 Resp: 45867

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.7	8.2	12.2

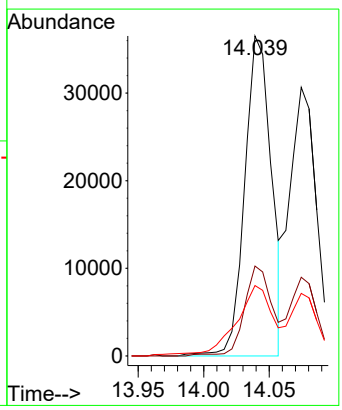


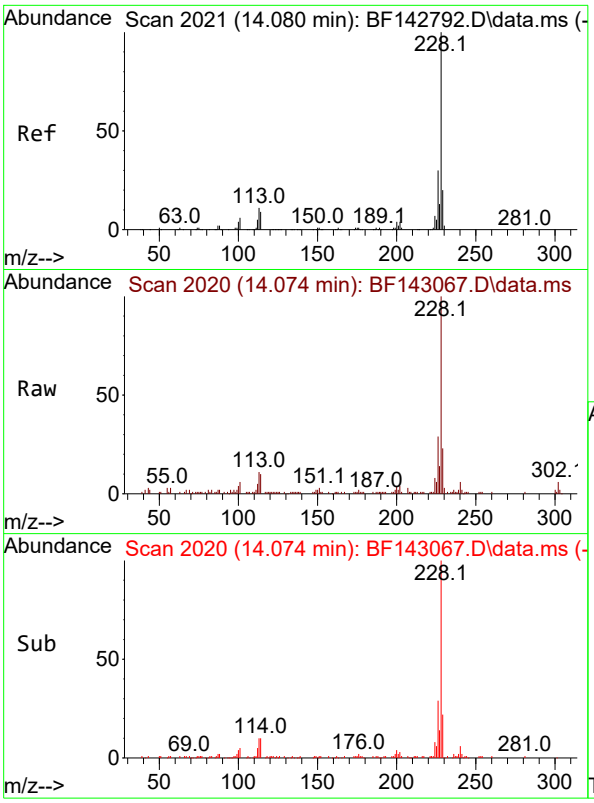


#81
Benzo(a)anthracene
Concen: 6.421 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Tgt Ion:228 Resp: 51670

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.2	31.8
229	22.0	15.6	23.4



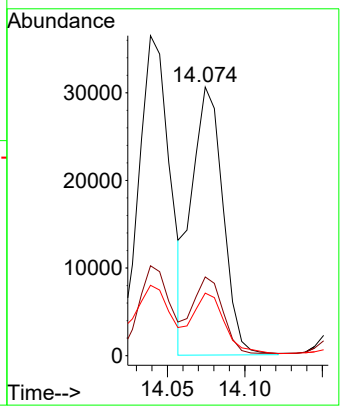


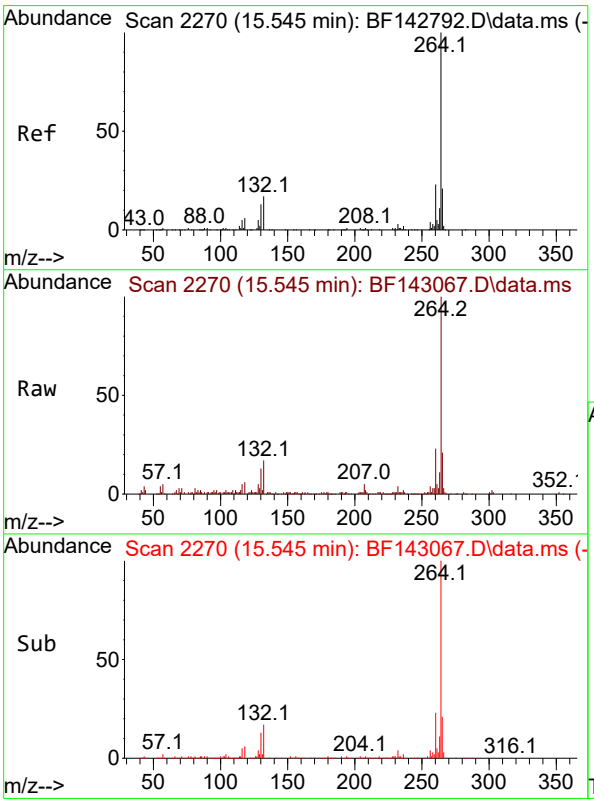
#83
Chrysene
Concen: 5.957 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Tgt Ion:228 Resp: 42774

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	23.3	15.7	23.5

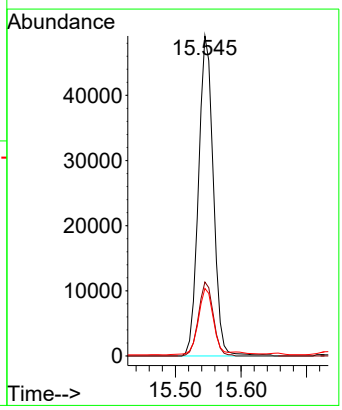


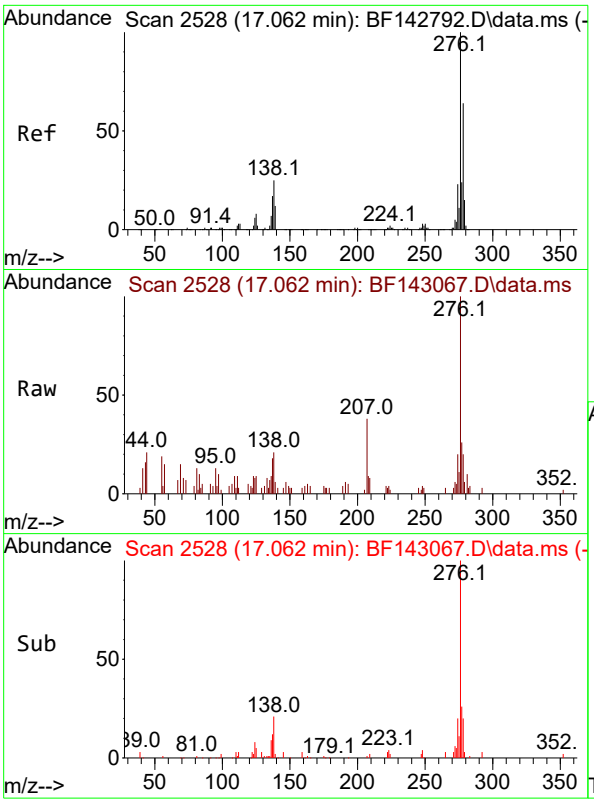


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Tgt Ion:264 Resp: 77504

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.1	27.1
265	21.1	16.6	25.0



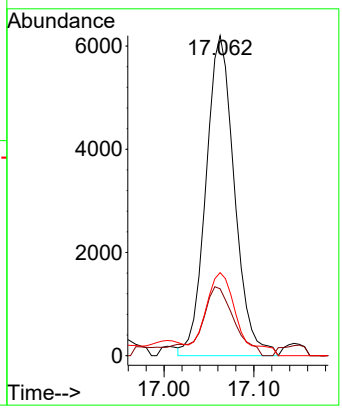


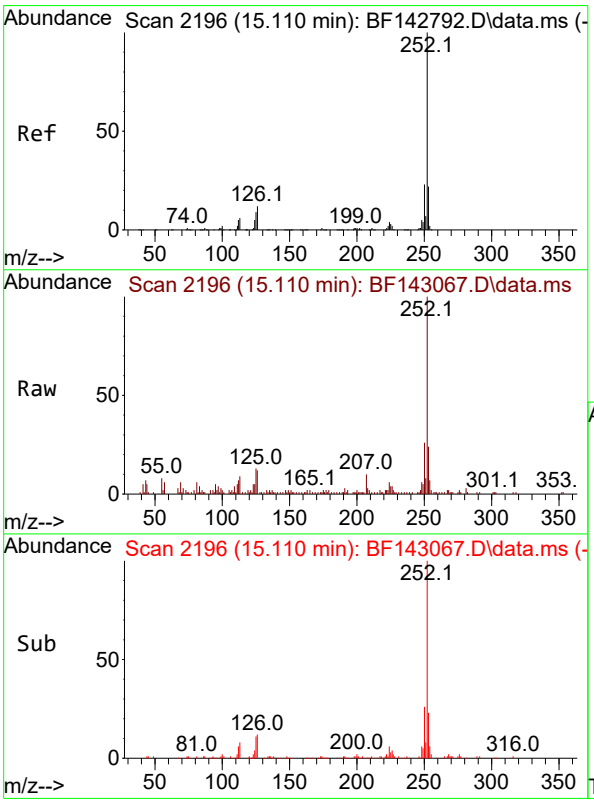
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.318 ng
RT: 17.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Tgt Ion:276 Resp: 13686

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.2	30.4
277	28.0	19.8	29.6

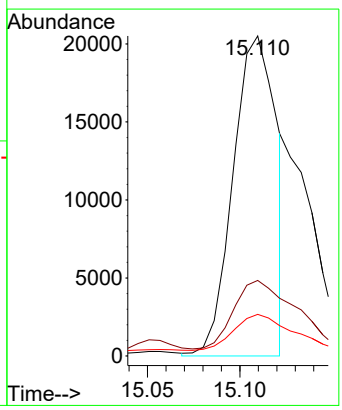


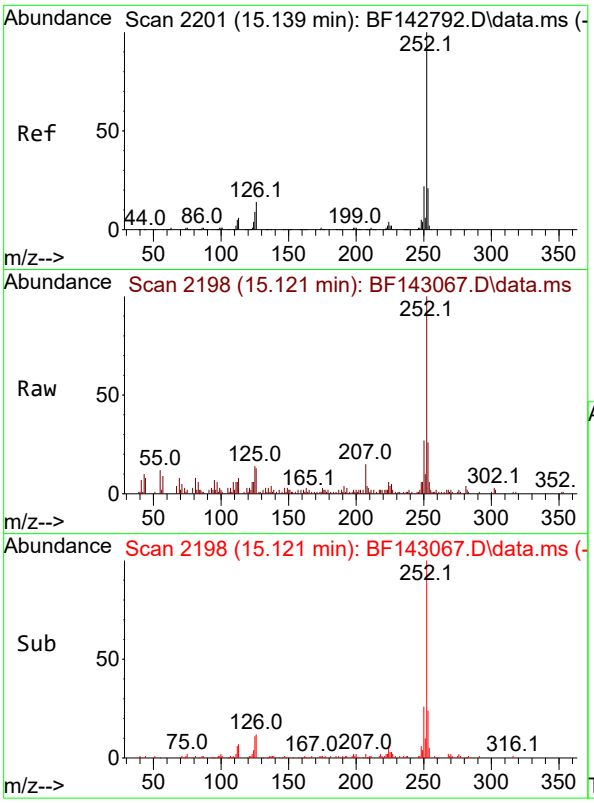


#88
Benzo(b)fluoranthene
Concen: 7.482 ng m
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Tgt Ion:252 Resp: 33554

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	13.0	7.4	11.0#



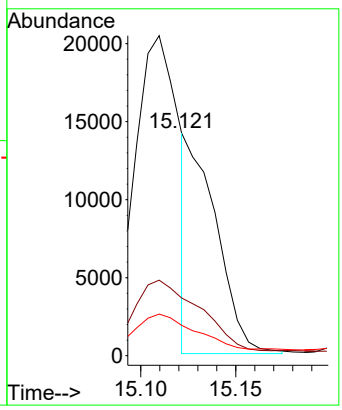


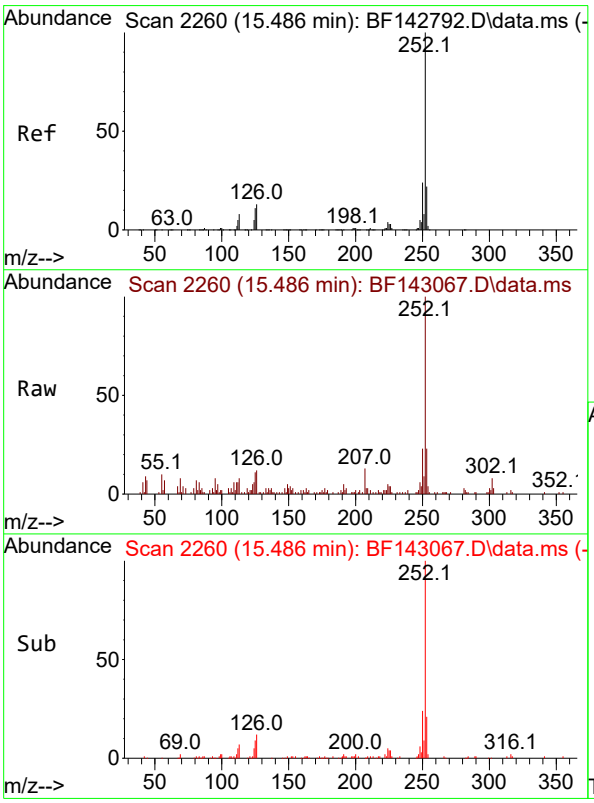
#89
Benzo(k)fluoranthene
Concen: 3.539 ng m
RT: 15.121 min Scan# 2
Delta R.T. -0.017 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Tgt Ion:252 Resp: 14850

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	13.6	7.4	11.2#

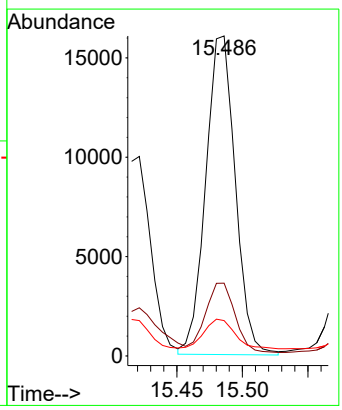


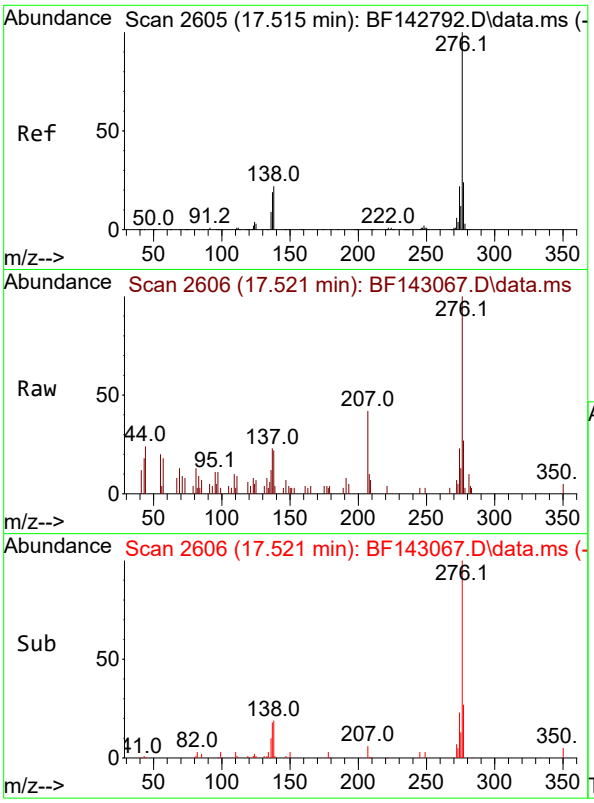


#90
Benzo(a)pyrene
Concen: 5.805 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Tgt Ion:252 Resp: 25149

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.0	8.6	12.8



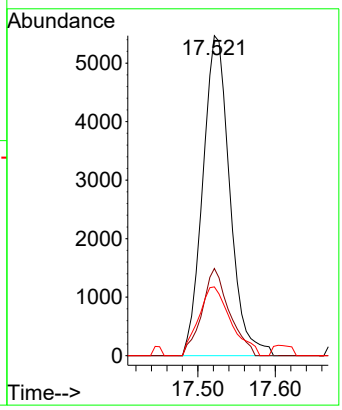


#92
Benzo(g,h,i)perylene
Concen: 2.764 ng
RT: 17.521 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143067.D
Acq: 09 Jul 2025 20:34

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Tgt Ion:276 Resp: 13218

Ion	Ratio	Lower	Upper
276	100		
277	27.3	18.8	28.2
138	21.5	17.6	26.4



Sample Results: **BF143067.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143067.D
Acq On : 09 Jul 2025 20:34
Operator : RC/JU
Sample : Q2487-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143067.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	485	490	496	rBV	4703	7723	1.24%	0.183%
2	5.487	556	560	578	rBV	58235	95300	15.36%	2.261%
3	6.110	660	666	673	rBV3	3123	6503	1.05%	0.154%
4	6.504	729	733	742	rBV	63271	99842	16.09%	2.369%
5	6.869	791	795	801	rBV	202498	250696	40.40%	5.949%
6	7.398	879	885	887	rBV4	4882	8147	1.31%	0.193%
7	7.434	887	891	899	rVV	43651	65867	10.62%	1.563%
8	7.769	942	948	950	rBV4	3886	6244	1.01%	0.148%
9	8.157	1006	1014	1020	rBV	242753	312871	50.42%	7.424%
10	8.210	1020	1023	1026	rVB2	6739	8408	1.36%	0.200%
11	8.569	1080	1084	1096	rVB2	5967	10198	1.64%	0.242%
12	8.969	1148	1152	1156	rVB	4578	6548	1.06%	0.155%
13	9.169	1179	1186	1192	rBV3	4717	6985	1.13%	0.166%
14	9.228	1192	1196	1203	rVV	90320	110226	17.76%	2.615%
15	9.569	1248	1254	1257	rVV	7101	10394	1.68%	0.247%
16	9.910	1307	1312	1317	rBV	225189	291534	46.99%	6.918%
17	9.945	1317	1318	1322	rVB	12001	9090	1.46%	0.216%
18	10.122	1341	1348	1351	rBV2	6028	9486	1.53%	0.225%
19	10.463	1401	1406	1411	rBV2	11678	14869	2.40%	0.353%
20	10.622	1429	1433	1438	rVB	9517	12382	2.00%	0.294%
21	10.704	1443	1447	1452	rBV	38170	49907	8.04%	1.184%
22	11.210	1530	1533	1537	rBV2	4599	6771	1.09%	0.161%
23	11.298	1545	1548	1552	rVB	6438	8476	1.37%	0.201%
24	11.404	1561	1566	1568	rBV	210924	283193	45.64%	6.720%
25	11.428	1568	1570	1574	rVV	151851	160166	25.81%	3.800%
26	11.480	1574	1579	1583	rVV	33310	43223	6.97%	1.026%
27	11.639	1602	1606	1609	rBV2	10637	15996	2.58%	0.380%
28	11.910	1649	1652	1653	rBV	11834	13413	2.16%	0.318%
29	11.933	1654	1656	1660	rVB	19954	22792	3.67%	0.541%
30	12.022	1667	1671	1679	rVB3	23085	43180	6.96%	1.025%
31	12.345	1722	1726	1731	rVB	78067	97638	15.74%	2.317%
32	12.551	1758	1761	1768	rVB3	10792	17175	2.77%	0.408%
33	12.622	1768	1773	1777	rBV	217315	274315	44.21%	6.509%
34	12.657	1777	1779	1783	rVB	36558	35908	5.79%	0.852%
35	12.769	1795	1798	1805	rVB	7915	13288	2.14%	0.315%
36	12.851	1805	1812	1817	rBV	185664	270866	43.65%	6.427%

Sample Results: **BF143067.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143067.D
Acq On : 09 Jul 2025 20:34
Operator : RC/JU
Sample : Q2487-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.898	1817	1820	1826	rVB2	9306	14122	2.28%	0.335%
38	12.986	1827	1835	1844	rVB	101734	152942	24.65%	3.629%
39	13.069	1844	1849	1853	rBV3	12776	24575	3.96%	0.583%
40	13.174	1861	1867	1871	rVB	18125	33599	5.42%	0.797%
41	13.245	1876	1879	1882	rBV	10526	13082	2.11%	0.310%
42	13.280	1882	1885	1892	rVB3	14841	21767	3.51%	0.516%
43	13.380	1898	1902	1904	rBV2	7368	10116	1.63%	0.240%
44	13.410	1904	1907	1913	rVB4	9107	13929	2.24%	0.331%
45	13.557	1928	1932	1935	rBV5	6483	8837	1.42%	0.210%
46	13.692	1951	1955	1960	rBV	14231	22476	3.62%	0.533%
47	13.798	1969	1973	1976	rBV	18104	29829	4.81%	0.708%
48	14.051	2008	2016	2027	rBV2	318006	620480	100.00%	14.723%
49	14.204	2039	2042	2046	rBV4	10591	18557	2.99%	0.440%
50	14.439	2079	2082	2085	rBV2	10976	12807	2.06%	0.304%
51	15.110	2191	2196	2203	rBV	54871	124369	20.04%	2.951%
52	15.421	2245	2249	2254	rVB	26006	40857	6.58%	0.969%
53	15.486	2255	2260	2265	rVV	44649	73003	11.77%	1.732%
54	15.545	2265	2270	2283	rVB	140067	240831	38.81%	5.714%
55	17.062	2524	2528	2536	rVB3	18513	38632	6.23%	0.917%

Sum of corrected areas: 4214430

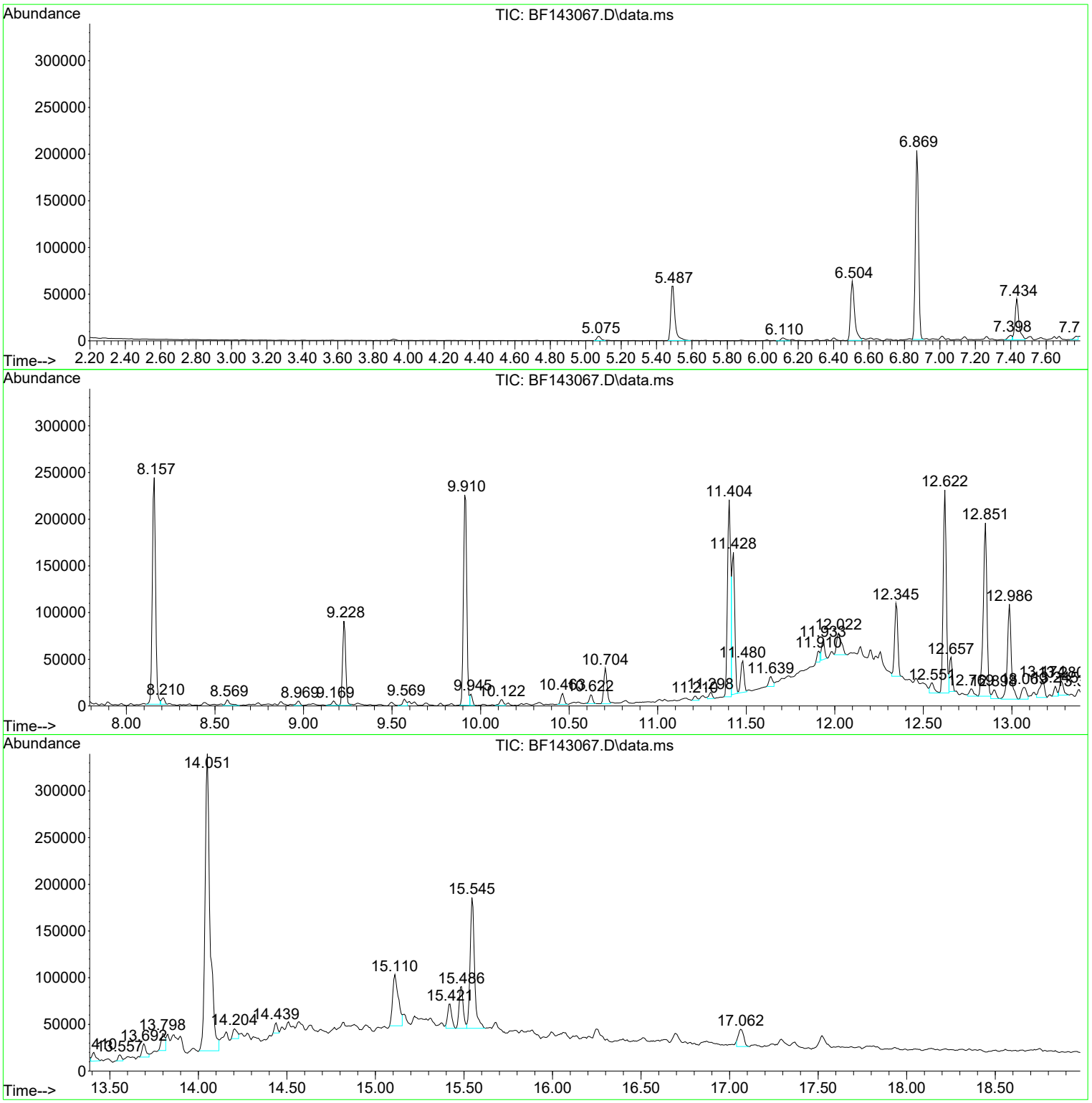
Sample Results: **BF143067.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143067.D
Acq On : 09 Jul 2025 20:34
Operator : RC/JU
Sample : Q2487-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143067.D
Acq On : 09 Jul 2025 20:34
Operator : RC/JU
Sample : Q2487-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

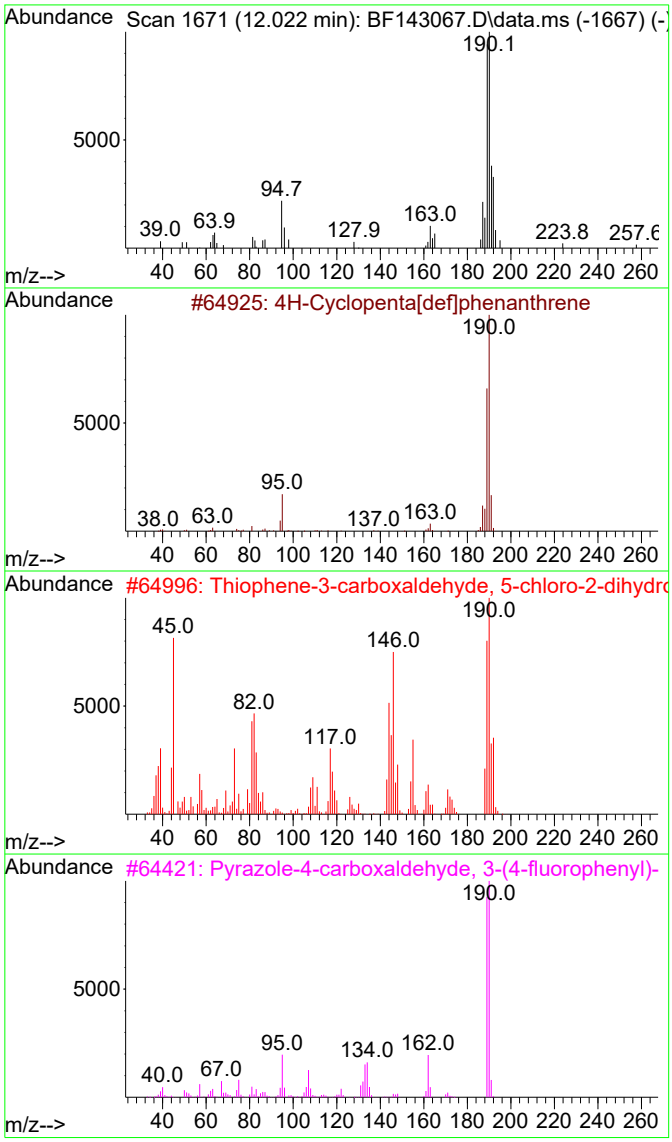
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

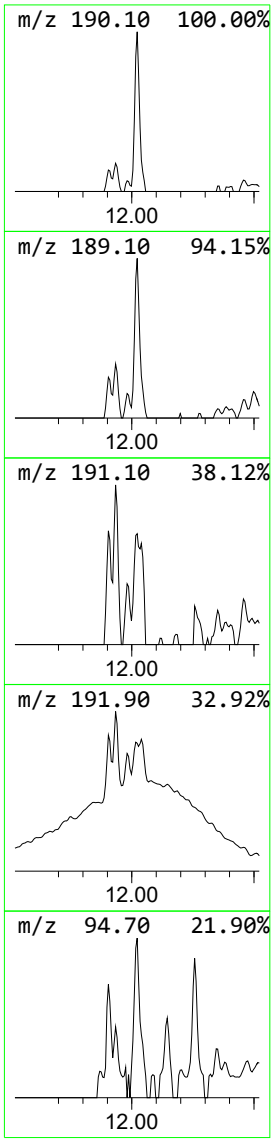
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	3.05 ng	43180	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	23





Sample Results: **BF143067.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143067.D
Acq On : 09 Jul 2025 20:34
Operator : RC/JU
Sample : Q2487-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

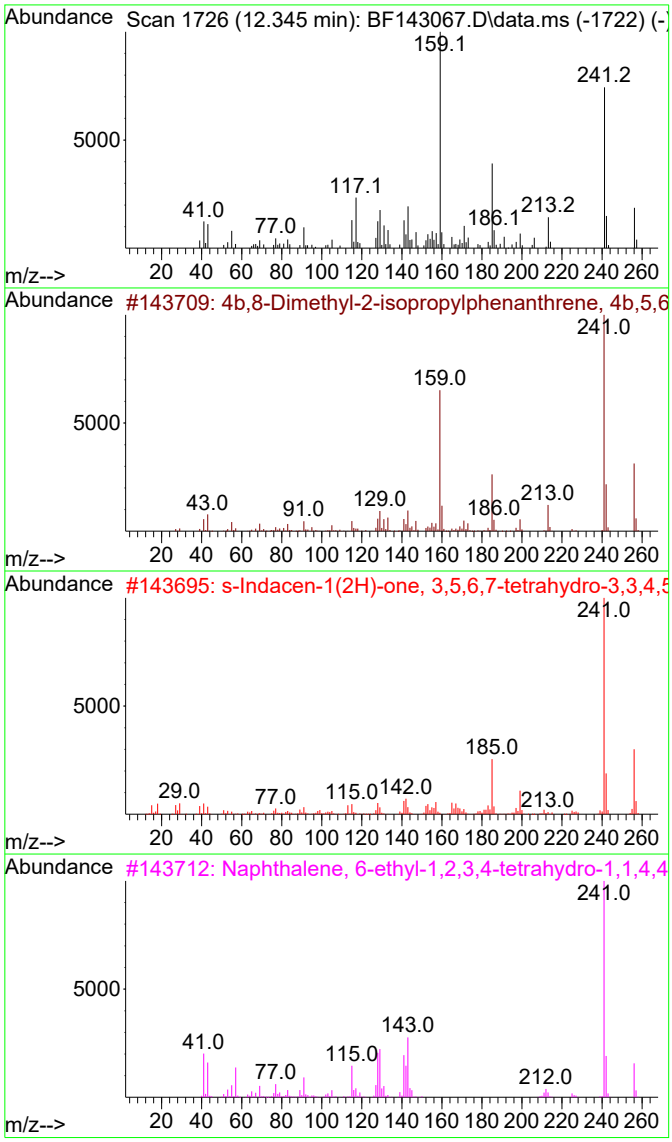
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

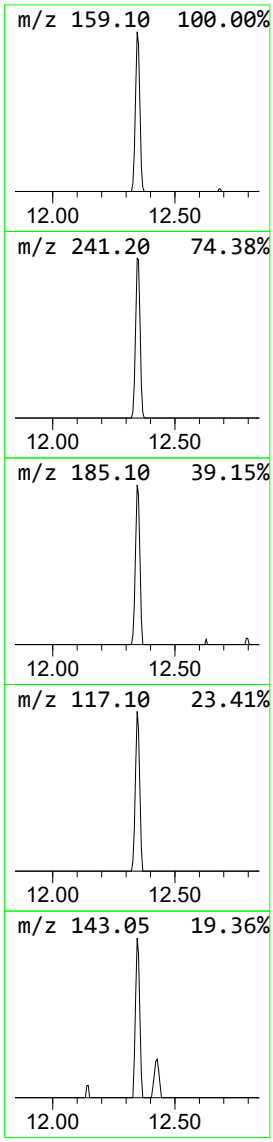
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	6.90 ng	97638	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	42
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
4	Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	30
5	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	30





Sample Results: **BF143067.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143067.D
Acq On : 09 Jul 2025 20:34
Operator : RC/JU
Sample : Q2487-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

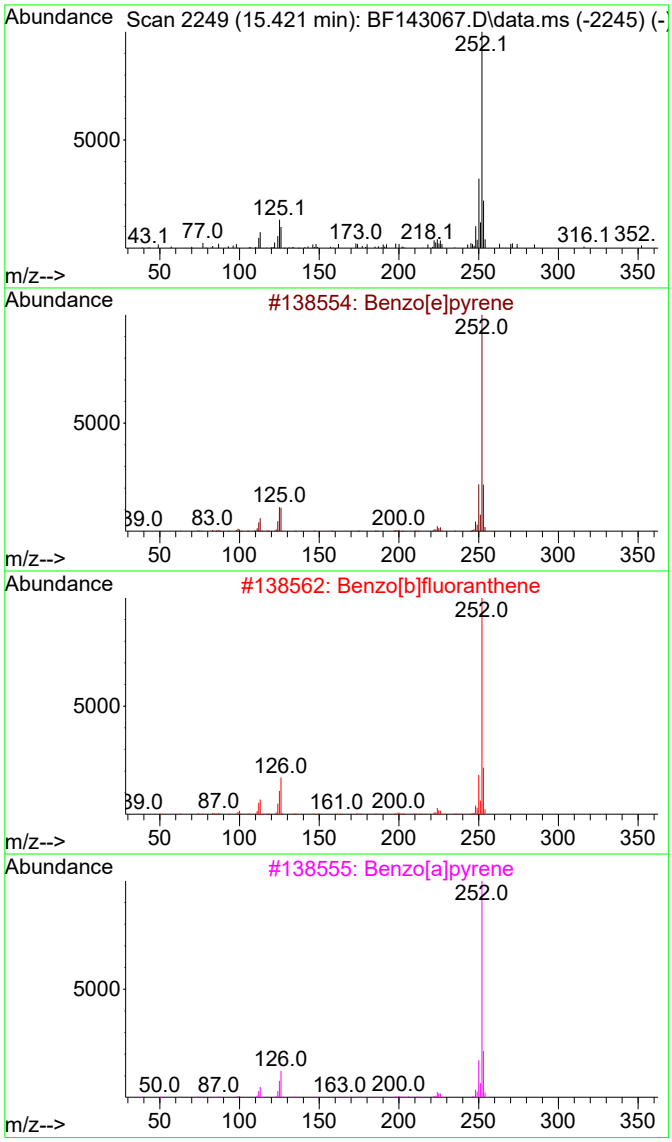
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

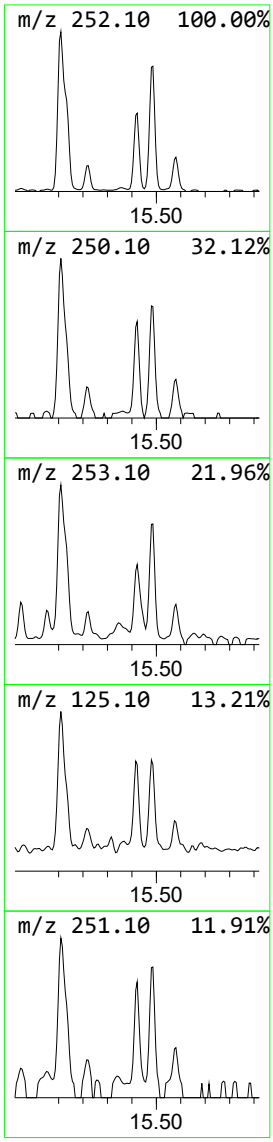
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Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	3.39 ng	40857	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
3	Benzo[a]pyrene	252	C20H12	000050-32-8	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Sample Results: **BF143067.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143067.D
Acq On : 09 Jul 2025 20:34
Operator : RC/JU
Sample : Q2487-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G1(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
4H-Cyclopenta[d...	12.022	3.0	ng	43180	4	11.404	283193	20.0
4b,8-Dimethyl-2...	12.345	6.9	ng	97638	4	11.404	283193	20.0
Benzo[e]pyrene	15.421	3.4	ng	40857	6	15.545	240831	20.0

CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_F Calibration Date(s): 06/19/2025 06/19/2025

Calibration Time(s): 17:07 20:40

LAB FILE ID: RRF2.5 = BF142788.D RRF005 = BF142789.D RRF010 = BF142790.D
RRF020 = BF142791.D RRF040 = BF142792.D RRF050 = BF142793.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.238	1.230	1.230	1.149	1.263	1.201	4.3
Benzaldehyde			0.988	0.943	0.757	0.832	0.841	15.0
Phenol-d6		1.512	1.481	1.423	1.340	1.480	1.417	5.5
Phenol		1.648	1.653	1.591	1.516	1.651	1.575	5.3
bis(2-Chloroethyl)ether		1.167	1.133	1.134	1.072	1.183	1.126	3.7
2-Chlorophenol		1.362	1.303	1.292	1.245	1.366	1.296	4.1
2-Methylphenol		1.015	0.997	0.980	0.938	1.043	0.982	4.1
2,2-oxybis(1-Chloropropane)		1.975	1.869	1.815	1.723	1.879	1.809	6.1
Acetophenone		0.464	0.451	0.459	0.418	0.461	0.441	5.3
3+4-Methylphenols			1.292	1.262	1.176	1.312	1.224	6.4
n-Nitroso-di-n-propylamine	0.831	0.879	0.840	0.833	0.787	0.847	0.824	4.3
Nitrobenzene-d5		0.369	0.362	0.373	0.354	0.386	0.365	3.5
Hexachloroethane		0.533	0.521	0.507	0.499	0.539	0.511	3.9
Nitrobenzene		0.345	0.325	0.332	0.319	0.349	0.330	3.9
Isophorone		0.611	0.582	0.592	0.555	0.616	0.585	4.2
2-Nitrophenol		0.169	0.172	0.182	0.178	0.194	0.180	4.8
2,4-Dimethylphenol		0.322	0.310	0.318	0.300	0.329	0.311	4.0
bis(2-Chloroethoxy)methane		0.386	0.373	0.383	0.355	0.390	0.372	4.1
2,4-Dichlorophenol		0.291	0.280	0.290	0.273	0.298	0.282	3.8
Naphthalene		1.051	1.002	1.004	0.934	1.017	0.979	5.5
4-Chloroaniline		0.414	0.408	0.409	0.379	0.421	0.398	5.3
Hexachlorobutadiene		0.195	0.188	0.198	0.184	0.200	0.190	4.3
Caprolactam			0.073	0.075	0.072	0.081	0.075	5.8
4-Chloro-3-methylphenol		0.300	0.275	0.286	0.269	0.298	0.281	5.2
2-Methylnaphthalene		0.655	0.621	0.629	0.579	0.631	0.607	6.1
Hexachlorocyclopentadiene			0.235	0.308	0.336	0.365	0.335	17.0
2,4,6-Trichlorophenol		0.385	0.380	0.394	0.365	0.408	0.385	3.7
2-Fluorobiphenyl		1.740	1.636	1.592	1.430	1.500	1.522	9.2
2,4,5-Trichlorophenol		0.407	0.403	0.421	0.391	0.416	0.405	3.0
1,1-Biphenyl		1.701	1.616	1.637	1.505	1.609	1.580	5.3
2-Chloronaphthalene		1.300	1.202	1.208	1.129	1.209	1.186	5.5
2-Nitroaniline		0.321	0.329	0.337	0.324	0.358	0.332	3.9
Dimethylphthalate		1.372	1.334	1.330	1.228	1.335	1.295	5.2
Acenaphthylene		2.110	2.006	2.011	1.861	1.995	1.952	5.6

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_F Calibration Date(s): 06/19/2025 06/19/2025

Calibration Time(s): 17:07 20:40

LAB FILE ID: RRF2.5 = BF142788.D RRF005 = BF142789.D RRF010 = BF142790.D
RRF020 = BF142791.D RRF040 = BF142792.D RRF050 = BF142793.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.297	0.279	0.290	0.277	0.294	0.284	3.6
3-Nitroaniline		0.311	0.311	0.316	0.302	0.338	0.313	4.5
Acenaphthene		1.247	1.199	1.241	1.142	1.228	1.191	4.4
2,4-Dinitrophenol			0.095	0.129	0.142	0.173	0.142	19.6
4-Nitrophenol			0.189	0.218	0.208	0.238	0.214	8.3
Dibenzofuran		1.844	1.772	1.763	1.626	1.752	1.708	6.1
2,4-Dinitrotoluene		0.373	0.378	0.397	0.367	0.407	0.378	5.9
Diethylphthalate		1.328	1.302	1.319	1.211	1.318	1.269	5.5
4-Chlorophenyl-phenylether		0.713	0.656	0.669	0.599	0.640	0.636	7.6
Fluorene		1.464	1.412	1.395	1.260	1.362	1.334	7.6
4-Nitroaniline		0.279	0.276	0.297	0.272	0.316	0.286	6.5
4,6-Dinitro-2-methylphenol			0.099	0.119	0.119	0.134	0.121	10.0
n-Nitrosodiphenylamine		0.736	0.686	0.710	0.670	0.717	0.693	4.1
2,4,6-Tribromophenol		0.208	0.207	0.214	0.200	0.219	0.206	5.0
4-Bromophenyl-phenylether		0.231	0.221	0.235	0.218	0.236	0.228	3.0
Hexachlorobenzene		0.263	0.248	0.257	0.241	0.262	0.253	3.3
Atrazine		0.176	0.172	0.180	0.174	0.195	0.179	4.5
Pentachlorophenol			0.102	0.119	0.125	0.142	0.126	11.3
Phenanthrene		1.183	1.113	1.115	1.031	1.122	1.083	6.2
Anthracene		1.226	1.123	1.149	1.064	1.140	1.111	6.3
Carbazole		1.040	0.986	0.999	0.900	1.002	0.959	6.7
Di-n-butylphthalate		0.997	1.006	1.045	0.946	1.073	0.999	4.9
Fluoranthene		1.136	1.088	1.090	0.954	1.059	1.028	8.4
Pyrene		2.110	1.940	1.968	1.742	2.030	1.875	11.4
Terphenyl-d14		1.691	1.556	1.533	1.327	1.535	1.447	13.3
Butylbenzylphthalate		0.478	0.470	0.538	0.547	0.613	0.544	10.0
3,3-Dichlorobenzidine			0.398	0.440	0.429	0.476	0.438	5.7
Benzo(a)anthracene		1.392	1.358	1.366	1.265	1.403	1.349	4.0
Chrysene		1.243	1.191	1.208	1.164	1.295	1.204	4.2
Bis(2-ethylhexyl)phthalate		0.650	0.675	0.767	0.803	0.861	0.782	11.5
Di-n-octyl phthalate			1.207	1.352	1.463	1.610	1.475	11.5
Benzo(b)fluoranthene		1.164	1.220	1.226	1.072	1.152	1.157	5.6
Benzo(k)fluoranthene		1.206	1.004	1.035	1.037	1.193	1.083	7.5
Benzo(a)pyrene		1.142	1.065	1.124	1.069	1.201	1.118	4.4
Indeno(1,2,3-cd)pyrene		1.528	1.488	1.545	1.474	1.648	1.523	4.4

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_F Calibration Date(s): 06/19/2025 06/19/2025

Calibration Time(s): 17:07 20:40

LAB FILE ID: RRF2.5 = BF142788.D RRF005 = BF142789.D RRF010 = BF142790.D
RRF020 = BF142791.D RRF040 = BF142792.D RRF050 = BF142793.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.249	1.214	1.293	1.180	1.337	1.238	5.1
Benzo(g,h,i)perylene		1.239	1.198	1.266	1.188	1.332	1.234	4.7
1,2,4,5-Tetrachlorobenzene		0.626	0.609	0.602	0.557	0.598	0.590	4.3
1,4-Dioxane		0.479	0.499	0.471	0.461	0.509	0.480	3.6
2,3,4,6-Tetrachlorophenol		0.327	0.327	0.339	0.312	0.345	0.326	4.4

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 20 05:06:14 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142788.D 5 =BF142789.D 10 =BF142790.D 20 =BF142791.D 40 =BF142792.D 50 =BF142793.D 60 =BF142794.D 80 =BF1427
95.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.479	0.499	0.471	0.461	0.509	0.479	0.467	0.480	3.60
3)		Pyridine		1.190	1.195	1.190	1.164	1.303	1.209	1.181	1.205	3.78
4)		n-Nitrosodimet...			0.610	0.617	0.596	0.668	0.632	0.614	0.623	3.98
5)	S	2-Fluorophenol		2.475	2.460	2.460	2.299	2.525	2.342	2.256	2.403	4.26
6)		Aniline		1.951	1.944	1.891	1.818	1.982	1.869	1.746	1.886	4.41
7)	S	Phenol-d6		3.024	2.962	2.846	2.681	2.959	2.760	2.610	2.834	5.53
8)		2-Chlorophenol		1.362	1.303	1.292	1.245	1.366	1.272	1.231	1.296	4.08
9)		Benzaldehyde			0.988	0.943	0.757	0.832	0.684		0.841	15.02
10)	C	Phenol		1.648	1.653	1.591	1.516	1.651	1.530	1.437	1.575	5.31
11)		bis(2-Chloroet...		1.167	1.133	1.134	1.072	1.183	1.116	1.077	1.126	3.71
12)		1,3-Dichlorobe...		1.536	1.499	1.470	1.377	1.500	1.414	1.348	1.449	4.85
13)	C	1,4-Dichlorobe...		1.563	1.496	1.472	1.409	1.523	1.425	1.347	1.462	5.04
14)		1,2-Dichlorobe...		1.458	1.422	1.409	1.331	1.451	1.353	1.284	1.387	4.72
15)		Benzyl Alcohol			1.023	1.025	0.976	1.106	1.032	0.985	1.025	4.51
16)		2,2'-oxybis(1-...		1.975	1.869	1.815	1.723	1.879	1.758	1.644	1.809	6.12
17)		2-Methylphenol		1.015	0.997	0.980	0.938	1.043	0.972	0.929	0.982	4.13
18)		Hexachloroethane		0.533	0.521	0.507	0.499	0.539	0.498	0.484	0.511	3.89
19)	P	n-Nitroso-di-n...	0.831	0.879	0.840	0.833	0.787	0.847	0.812	0.766	0.824	4.30
20)		3+4-Methylphenols			1.292	1.262	1.176	1.312	1.197	1.108	1.224	6.36
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.464	0.451	0.459	0.418	0.461	0.428	0.406	0.441	5.28
23)	S	Nitrobenzene-d5		0.738	0.724	0.747	0.708	0.771	0.724	0.694	0.729	3.48
24)		Nitrobenzene		0.345	0.325	0.332	0.319	0.349	0.326	0.314	0.330	3.88
25)		Isophorone		0.611	0.582	0.592	0.555	0.616	0.584	0.554	0.585	4.17
26)	C	2-Nitrophenol		0.169	0.172	0.182	0.178	0.194	0.186	0.176	0.180	4.85
27)		2,4-Dimethylph...		0.322	0.310	0.318	0.300	0.329	0.307	0.294	0.311	3.99
28)		bis(2-Chloroet...		0.386	0.373	0.383	0.355	0.390	0.366	0.351	0.372	4.09
29)	C	2,4-Dichloroph...		0.291	0.280	0.290	0.273	0.298	0.277	0.268	0.282	3.77
30)		1,2,4-Trichlor...		0.324	0.316	0.318	0.299	0.324	0.301	0.292	0.310	4.26
31)		Naphthalene		1.051	1.002	1.004	0.934	1.017	0.943	0.902	0.979	5.46
32)		Benzoic acid			0.118	0.147	0.157	0.181	0.180	0.169	0.159	15.08
33)		4-Chloroaniline		0.414	0.408	0.409	0.379	0.421	0.393	0.363	0.398	5.26
34)	C	Hexachlorobuta...		0.195	0.188	0.198	0.184	0.200	0.184	0.179	0.190	4.30
35)		Caprolactam			0.073	0.075	0.072	0.081	0.078	0.069	0.075	5.84
36)	C	4-Chloro-3-met...		0.300	0.275	0.286	0.269	0.298	0.278	0.260	0.281	5.24
37)		2-Methylnaphth...		0.655	0.621	0.629	0.579	0.631	0.583	0.550	0.607	6.12
38)		1-Methylnaphth...		0.684	0.645	0.650	0.598	0.654	0.604	0.563	0.628	6.56

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.626	0.609	0.602	0.557	0.598	0.577	0.563	0.590	4.27
41)	P	Hexachlorocycl...		0.235	0.308	0.336	0.365	0.376	0.389	0.335	17.02
42)	S	2,4,6-Tribromo...	0.415	0.414	0.428	0.400	0.438	0.411	0.374	0.412	4.96
43)	C	2,4,6-Trichlor...	0.385	0.380	0.394	0.365	0.408	0.389	0.371	0.385	3.71
44)		2,4,5-Trichlor...	0.407	0.403	0.421	0.391	0.416	0.407	0.388	0.405	2.95
45)	S	2-Fluorobiphenyl	3.480	3.272	3.184	2.861	2.999	2.816	2.702	3.045	9.15
46)		1,1'-Biphenyl	1.701	1.616	1.637	1.505	1.609	1.525	1.466	1.580	5.27
47)		2-Chloronaphth...	1.300	1.202	1.208	1.129	1.209	1.145	1.106	1.186	5.50
48)		2-Nitroaniline	0.321	0.329	0.337	0.324	0.358	0.337	0.320	0.332	3.93
49)		Acenaphthylene	2.110	2.006	2.011	1.861	1.995	1.891	1.787	1.952	5.64
50)		Dimethylphthalate	1.372	1.334	1.330	1.228	1.335	1.277	1.186	1.295	5.17
51)		2,6-Dinitrotol...	0.297	0.279	0.290	0.277	0.294	0.284	0.268	0.284	3.57
52)	C	Acenaphthene	1.247	1.199	1.241	1.142	1.228	1.172	1.107	1.191	4.44
53)		3-Nitroaniline	0.311	0.311	0.316	0.302	0.338	0.320	0.292	0.313	4.52
54)	P	2,4-Dinitrophenol		0.095	0.129	0.142	0.173	0.163	0.152	0.142	19.61
55)		Dibenzofuran	1.844	1.772	1.763	1.626	1.752	1.660	1.537	1.708	6.13
56)	P	4-Nitrophenol		0.189	0.218	0.208	0.238	0.229	0.203	0.214	8.25
57)		2,4-Dinitrotol...	0.373	0.378	0.397	0.367	0.407	0.383	0.338	0.378	5.90
58)		Fluorene	1.464	1.412	1.395	1.260	1.362	1.260	1.183	1.334	7.58
59)		2,3,4,6-Tetrac...	0.327	0.327	0.339	0.312	0.345	0.331	0.304	0.326	4.43
60)		Diethylphthalate	1.328	1.302	1.319	1.211	1.318	1.266	1.141	1.269	5.50
61)		4-Chlorophenyl...	0.713	0.656	0.669	0.599	0.640	0.609	0.568	0.636	7.64
62)		4-Nitroaniline	0.279	0.276	0.297	0.272	0.316	0.300	0.264	0.286	6.48
63)		Azobenzene	1.215	1.149	1.167	1.081	1.176	1.122	1.032	1.134	5.47
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.099	0.119	0.119	0.134	0.130	0.125	0.121	10.04
66)	c	n-Nitrosodiphe...	0.736	0.686	0.710	0.670	0.717	0.671	0.662	0.693	4.07
67)		4-Bromophenyl-...	0.231	0.221	0.235	0.218	0.236	0.228	0.225	0.228	3.03
68)		Hexachlorobenzene	0.263	0.248	0.257	0.241	0.262	0.252	0.247	0.253	3.29
69)		Atrazine	0.176	0.172	0.180	0.174	0.195	0.183	0.174	0.179	4.48
70)	C	Pentachlorophenol		0.102	0.119	0.125	0.142	0.135	0.133	0.126	11.30
71)		Phenanthrene	1.183	1.113	1.115	1.031	1.122	1.028	0.992	1.083	6.24
72)		Anthracene	1.226	1.123	1.149	1.064	1.140	1.065	1.011	1.111	6.35
73)		Carbazole	1.040	0.986	0.999	0.900	1.002	0.920	0.866	0.959	6.67
74)		Di-n-butylphth...	0.997	1.006	1.045	0.946	1.073	0.989	0.936	0.999	4.92
75)	C	Fluoranthene	1.136	1.088	1.090	0.954	1.059	0.972	0.899	1.028	8.44
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.745	0.860	0.773	0.824	0.719	0.587	0.751	12.71
78)		Pyrene	2.110	1.940	1.968	1.742	2.030	1.863	1.468	1.875	11.43
79)	S	Terphenyl-d14	3.383	3.111	3.066	2.655	3.070	2.772	2.208	2.895	13.30
80)		Butylbenzylpht...	0.478	0.470	0.538	0.547	0.613	0.597	0.563	0.544	10.01
81)		Benzo(a)anthra...	1.392	1.358	1.366	1.265	1.403	1.376	1.284	1.349	3.98
82)		3,3'-Dichlorob...		0.398	0.440	0.429	0.476	0.445	0.438	0.438	5.73
83)		Chrysene	1.243	1.191	1.208	1.164	1.295	1.177	1.150	1.204	4.17
84)		Bis(2-ethylhex...	0.650	0.675	0.767	0.803	0.861	0.843	0.878	0.782	11.52
85)	c	Di-n-octyl pht...		1.207	1.352	1.463	1.610	1.569	1.651	1.475	11.54

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.528	1.488	1.545	1.474	1.648	1.539	1.442	1.523	4.38
88)		Benzo(b)fluora...	1.164	1.220	1.226	1.072	1.152	1.197	1.070	1.157	5.61
89)		Benzo(k)fluora...	1.206	1.004	1.035	1.037	1.193	1.038	1.068	1.083	7.55
90)	C	Benzo(a)pyrene	1.142	1.065	1.124	1.069	1.201	1.141	1.084	1.118	4.37
91)		Dibenzo(a,h)an...	1.249	1.214	1.293	1.180	1.337	1.240	1.152	1.238	5.13
92)		Benzo(g,h,i)pe...	1.239	1.198	1.266	1.188	1.332	1.255	1.161	1.234	4.66

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142788.D
Acq On : 19 Jun 2025 17:07
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 20 04:37:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	77977	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	295295	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	153580	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	258429	20.000	ng	0.00
76) Chrysene-d12	14.051	240	149767	20.000	ng	0.00
86) Perylene-d12	15.545	264	154736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.281	70	8100	2.392	ng	97

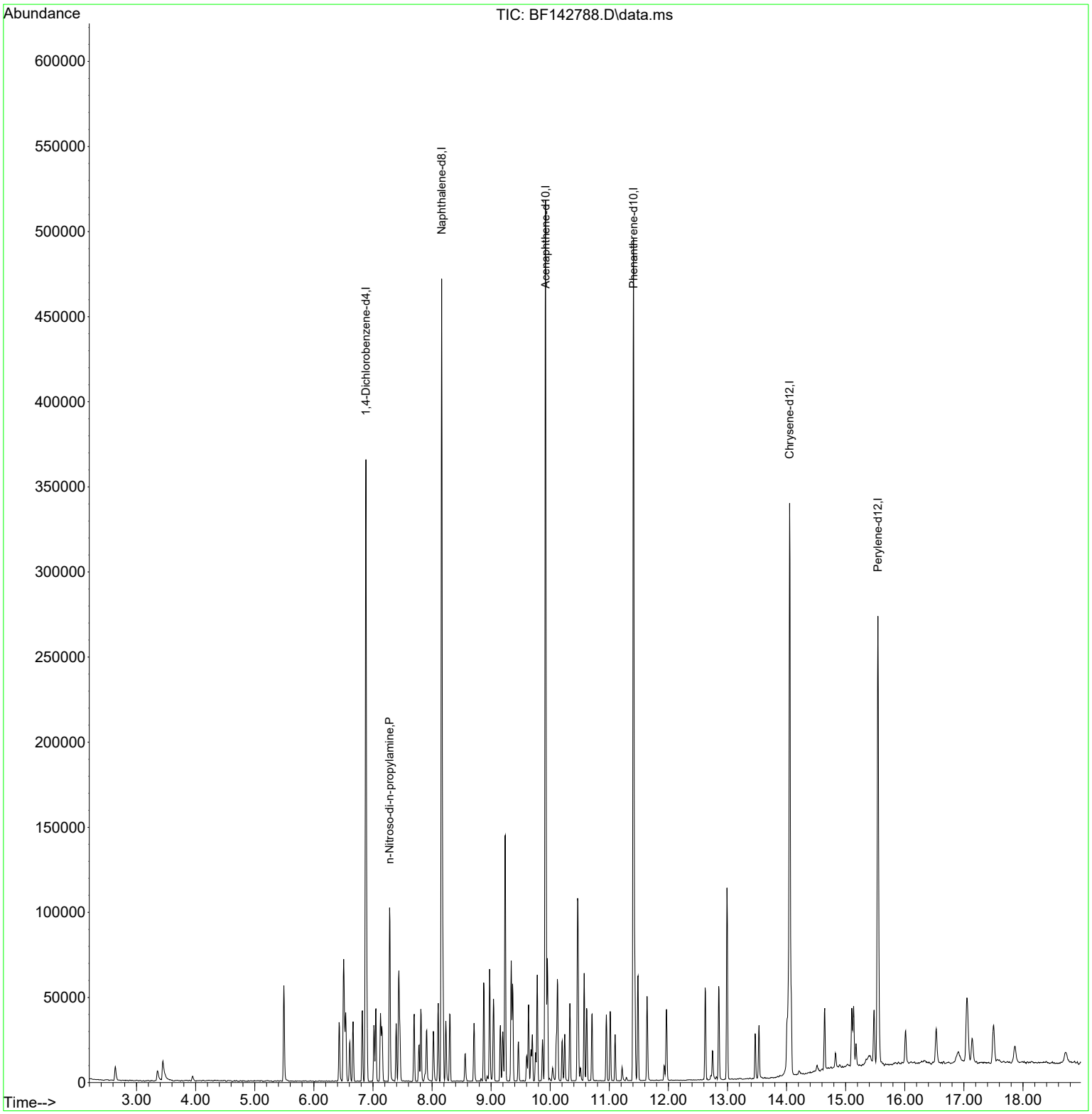
(#) = qualifier out of range (m) = manual integration (+) = signals summed

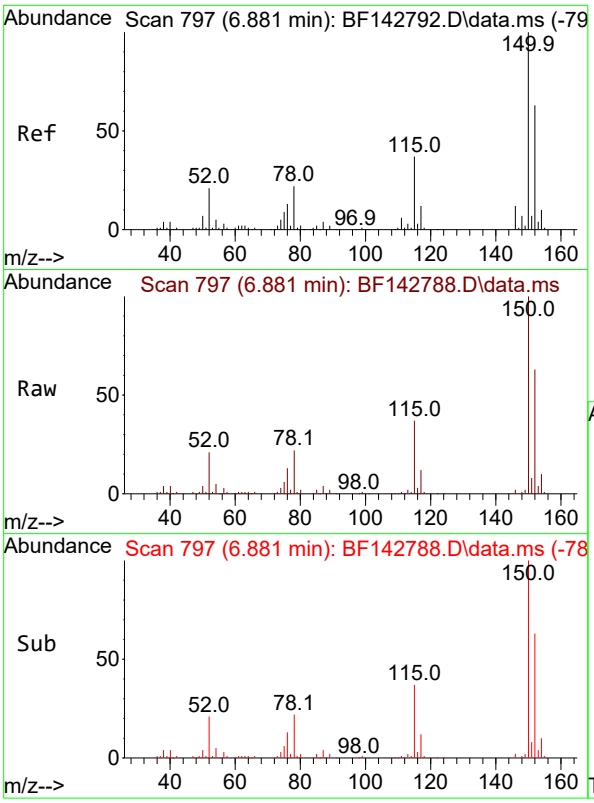
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142788.D
Acq On : 19 Jun 2025 17:07
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 20 04:37:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration



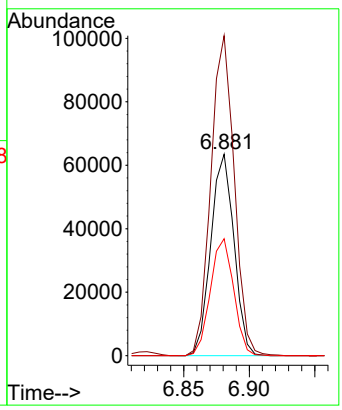


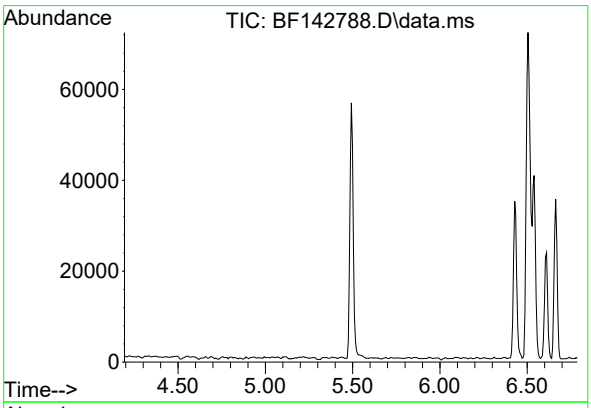
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 77977

Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.2	190.8
115	58.1	46.6	69.8



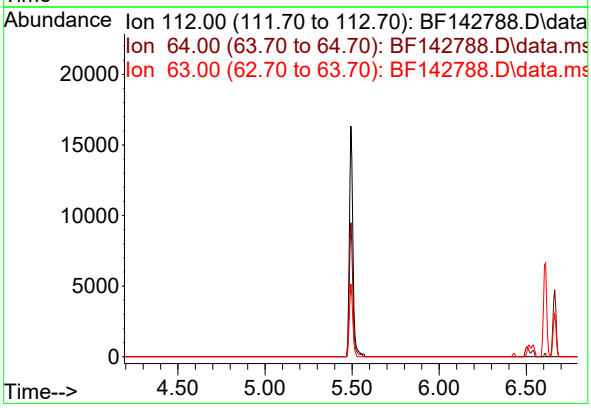


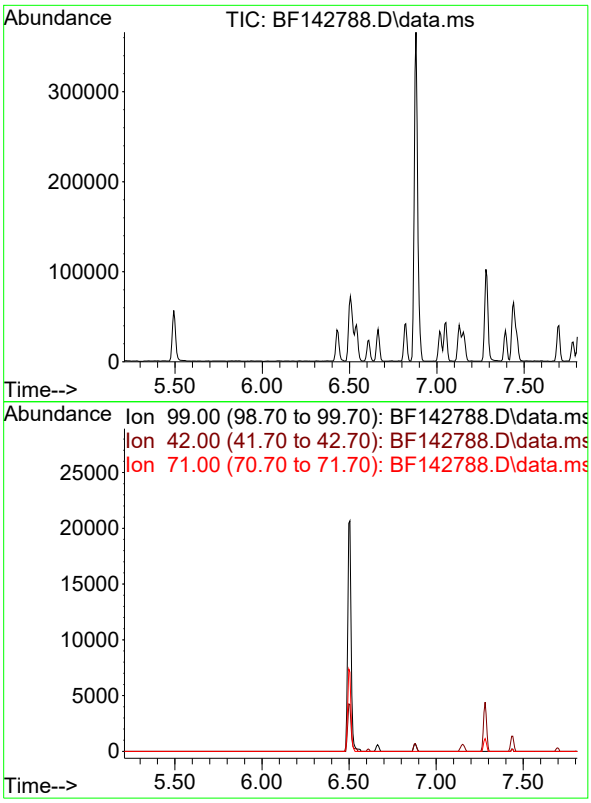
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	60.2
63	32.1





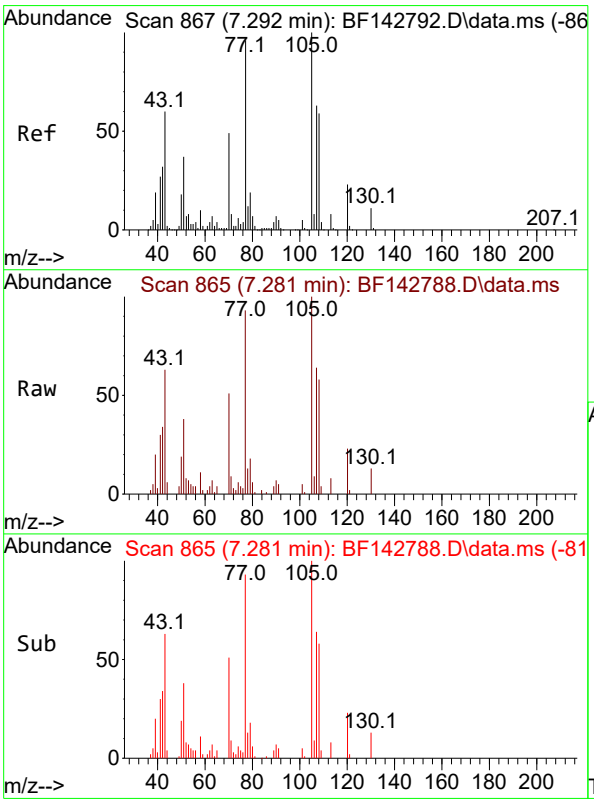
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

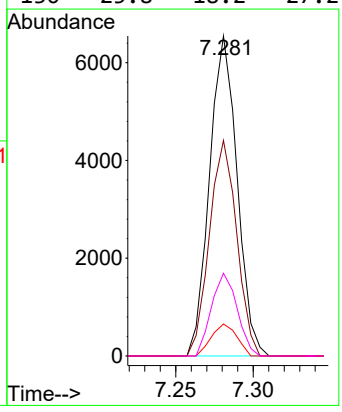
Sig	Exp Ratio
99	100
42	19.9
71	34.8

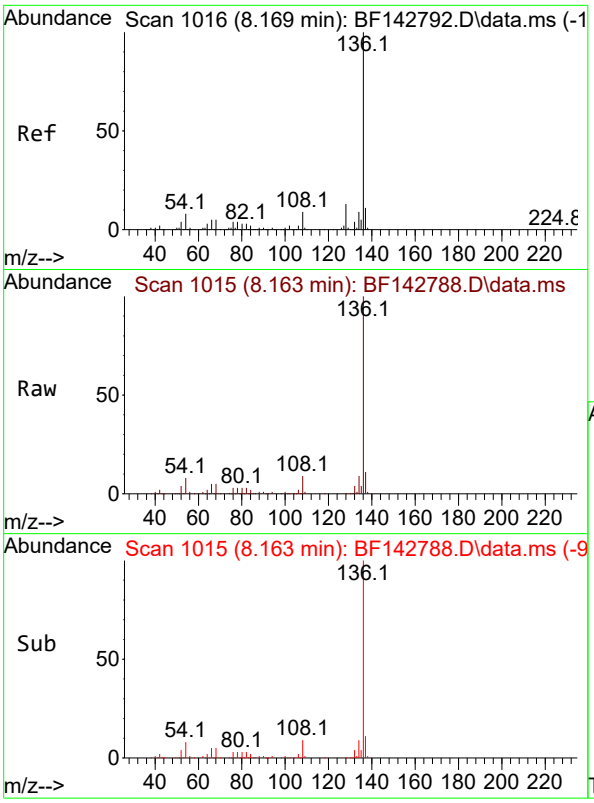


#19
n-Nitroso-di-n-propylamine
Concen: 2.392 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Tgt Ion: 70 Resp: 8100

Ion	Ratio	Lower	Upper
70	100		
42	67.3	52.1	78.1
101	10.0	8.2	12.2
130	25.8	18.2	27.2



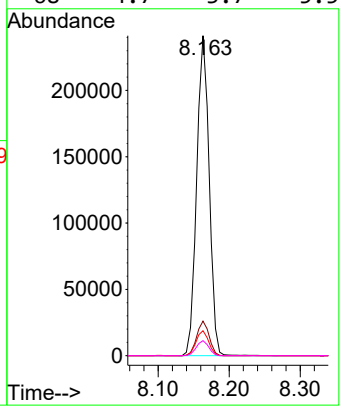


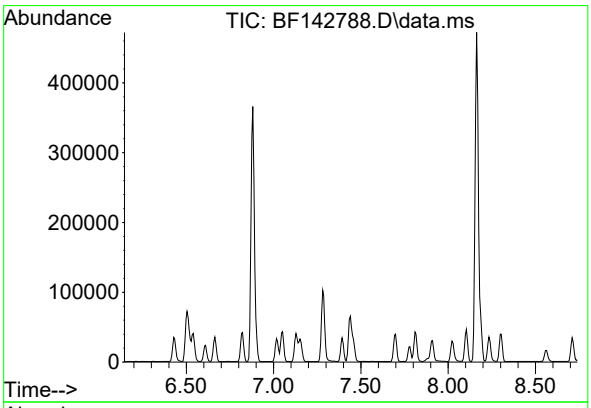
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 295295

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.8	6.3	9.5
68	4.7	3.7	5.5



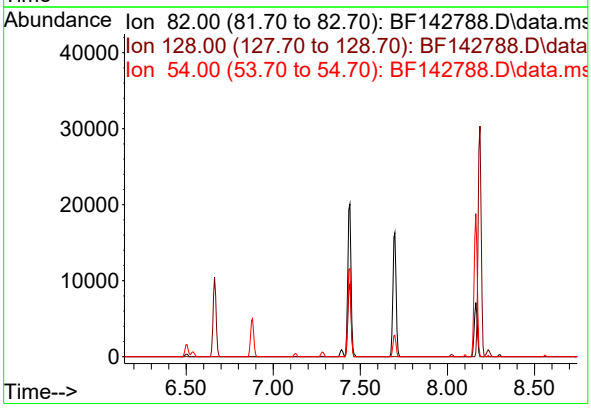


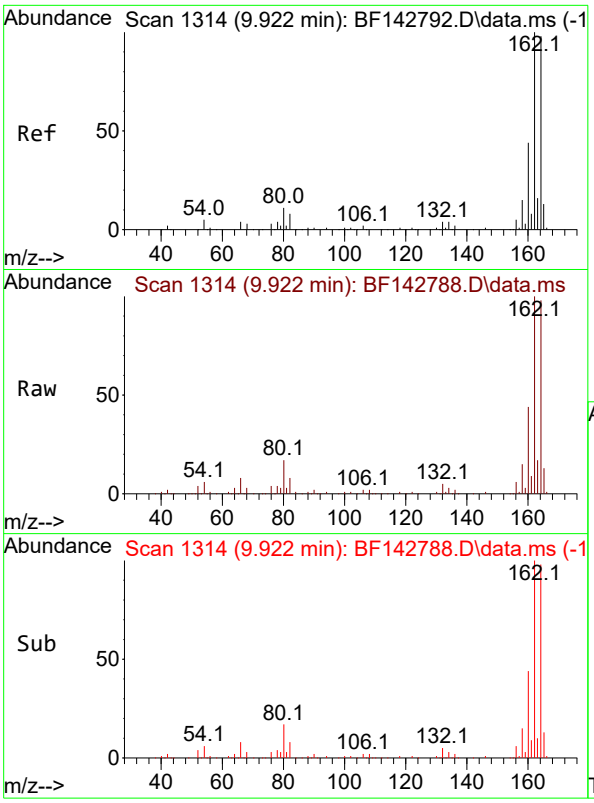
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.45 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	47.1
54	57.1



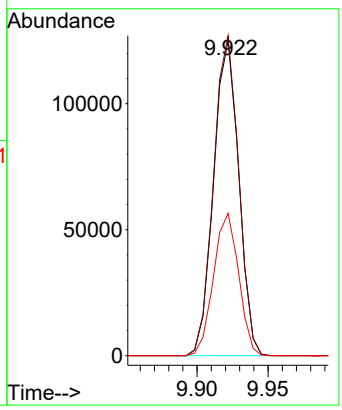


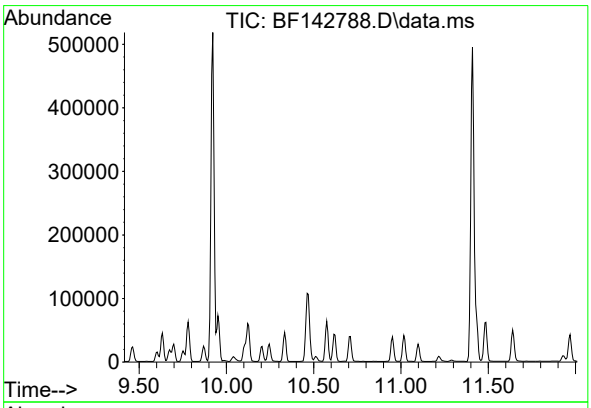
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 153580

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.8
160	45.1	36.0	54.0



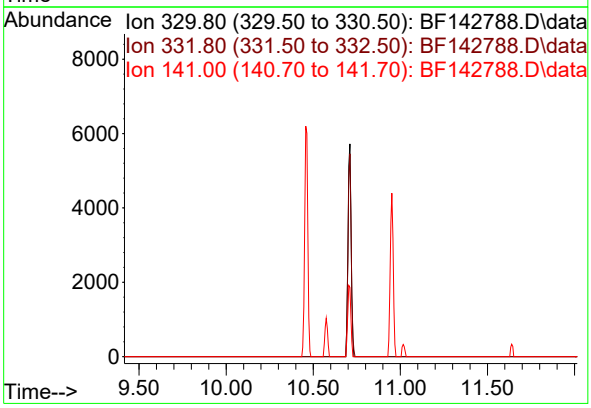


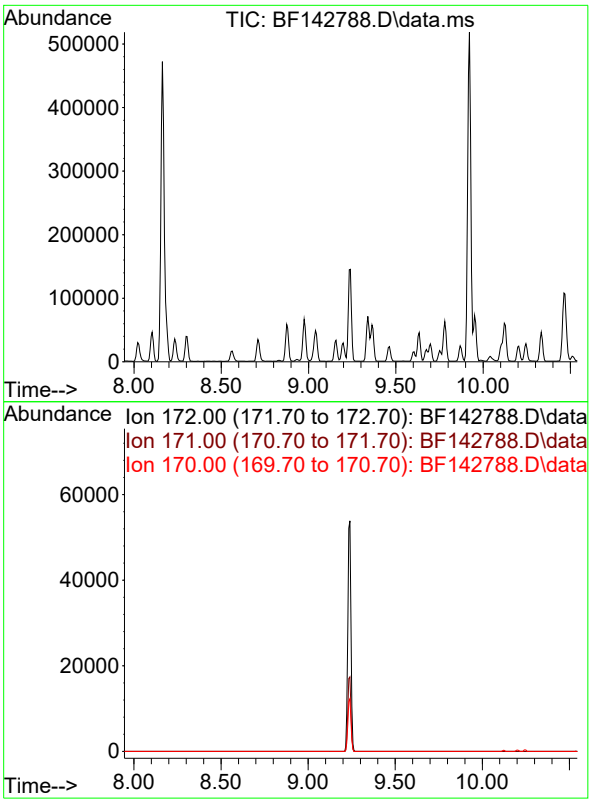
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.72 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	93.8
141	31.6





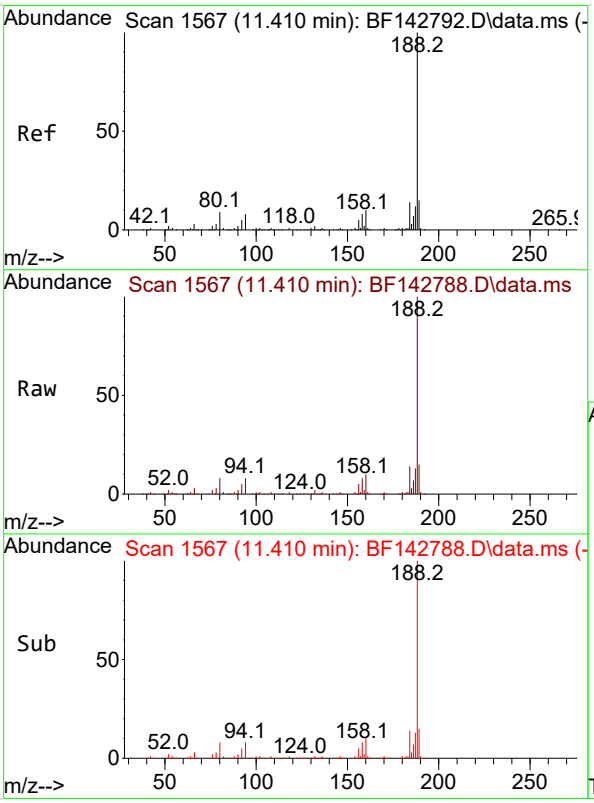
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.25 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

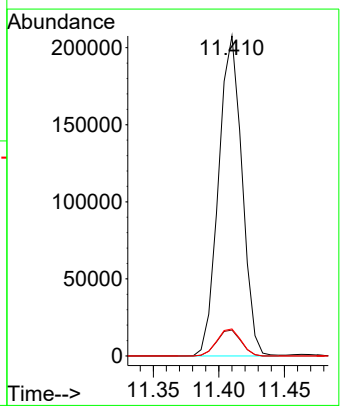
Sig	Exp Ratio
172	100
171	35.3
170	23.1

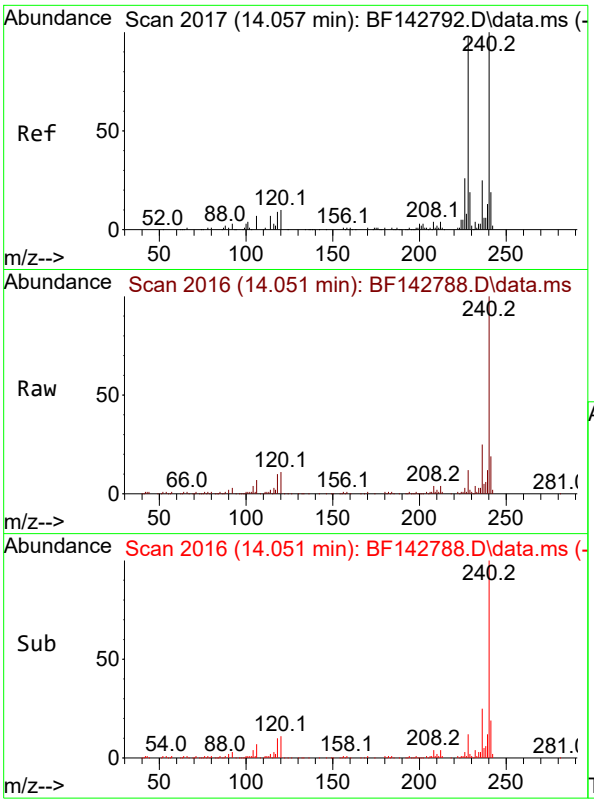


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Tgt Ion:188 Resp: 258429

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.5	6.9	10.3



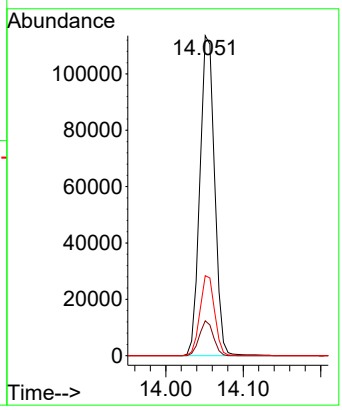


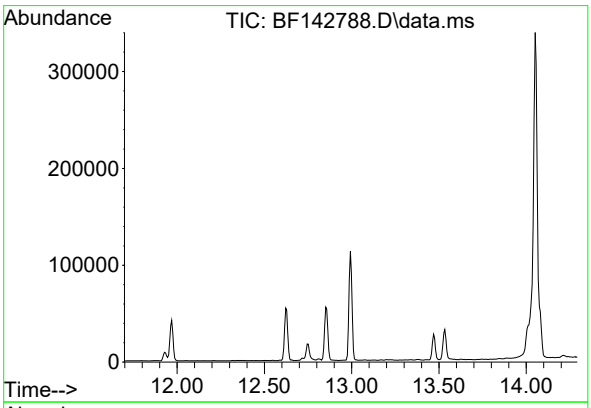
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 149767

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.2	12.2
236	25.0	19.8	29.8



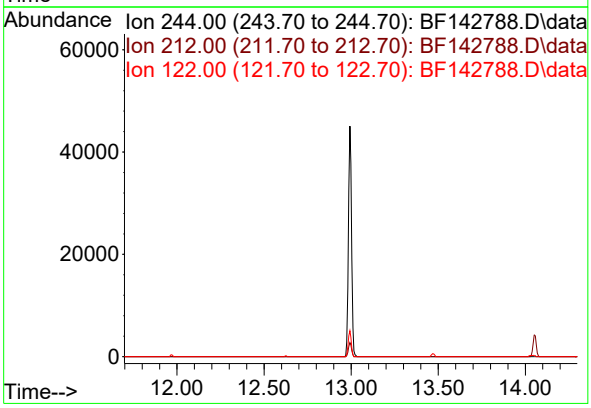


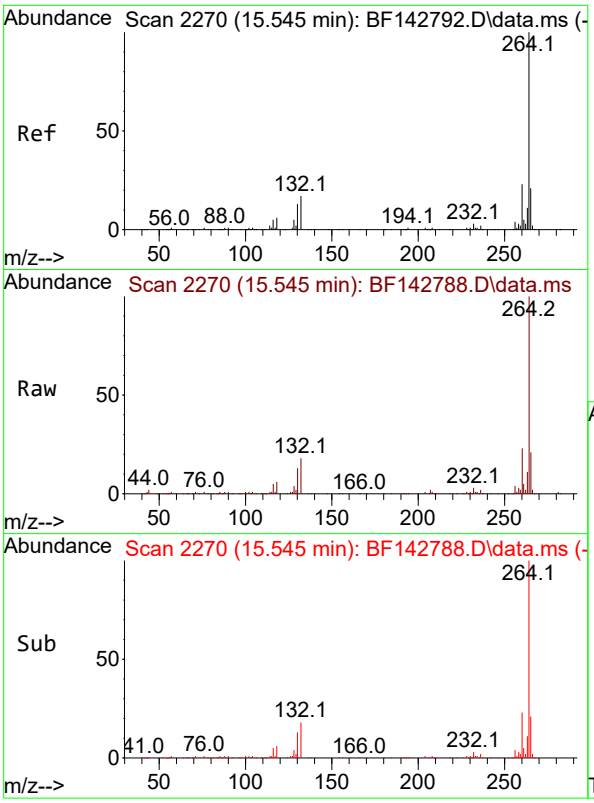
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.7
122	10.2



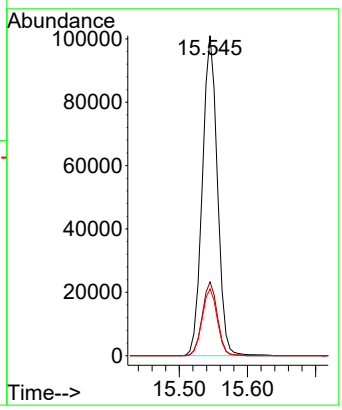


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 154736

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.1	27.1
265	20.9	16.6	25.0



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142789.D
Acq On : 19 Jun 2025 17:38
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jun 20 04:37:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	80144	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	305306	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162729	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	277233	20.000	ng	0.00
76) Chrysene-d12	14.051	240	151689	20.000	ng	0.00
86) Perylene-d12	15.545	264	132284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	49599	10.555	ng	0.00
7) Phenol-d6	6.498	99	60590	10.981	ng	-0.01
23) Nitrobenzene-d5	7.439	82	56291	10.106	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	16892	9.551	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	141565	11.573	ng	0.00
79) Terphenyl-d14	12.992	244	128289	11.771	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	9589	5.139	ng	95
3) Pyridine	3.434	79	23835	5.102	ng	98
6) Aniline	6.540	93	39088	5.286	ng	97
8) 2-Chlorophenol	6.663	128	27282	5.332	ng	96
10) Phenol	6.516	94	33027	5.369	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	23378	5.122	ng	99
12) 1,3-Dichlorobenzene	6.822	146	30770	5.281	ng	99
13) 1,4-Dichlorobenzene	6.898	146	31311	5.302	ng	99
14) 1,2-Dichlorobenzene	7.051	146	29215	5.175	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	39577	5.503	ng	99
17) 2-Methylphenol	7.128	107	20336	5.199	ng	99
18) Hexachloroethane	7.392	117	10670	5.054	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	17612	5.061	ng	98
22) Acetophenone	7.281	105	35396	5.240	ng	95
24) Nitrobenzene	7.457	77	26353	5.324	ng	98
25) Isophorone	7.698	82	46673	4.997	ng	99
26) 2-Nitrophenol	7.781	139	12914	4.682	ng	99
27) 2,4-Dimethylphenol	7.810	122	24614	5.242	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	29467	5.068	ng	99
29) 2,4-Dichlorophenol	8.022	162	22222	5.134	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	24724	5.171	ng	98
31) Naphthalene	8.187	128	80247	5.344	ng	99
33) 4-Chloroaniline	8.234	127	31626	5.256	ng	98
34) Hexachlorobutadiene	8.304	225	14900	4.918	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	22861	5.113	ng	98
37) 2-Methylnaphthalene	8.875	142	50024	5.281	ng	99
38) 1-Methylnaphthalene	8.975	142	52193	5.307	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	25456	5.419	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	15667	5.154	ng	100
44) 2,4,5-Trichlorophenol	9.192	196	16563	5.045	ng	97
46) 1,1'-Biphenyl	9.339	154	69218	5.478	ng	99
47) 2-Chloronaphthalene	9.363	162	52868	5.670	ng	98
48) 2-Nitroaniline	9.457	65	13076	4.937	ng	96
49) Acenaphthylene	9.781	152	85856	5.477	ng	99
50) Dimethylphthalate	9.633	163	55804	5.170	ng	99
51) 2,6-Dinitrotoluene	9.698	165	12080	5.163	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142789.D
Acq On : 19 Jun 2025 17:38
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jun 20 04:37:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

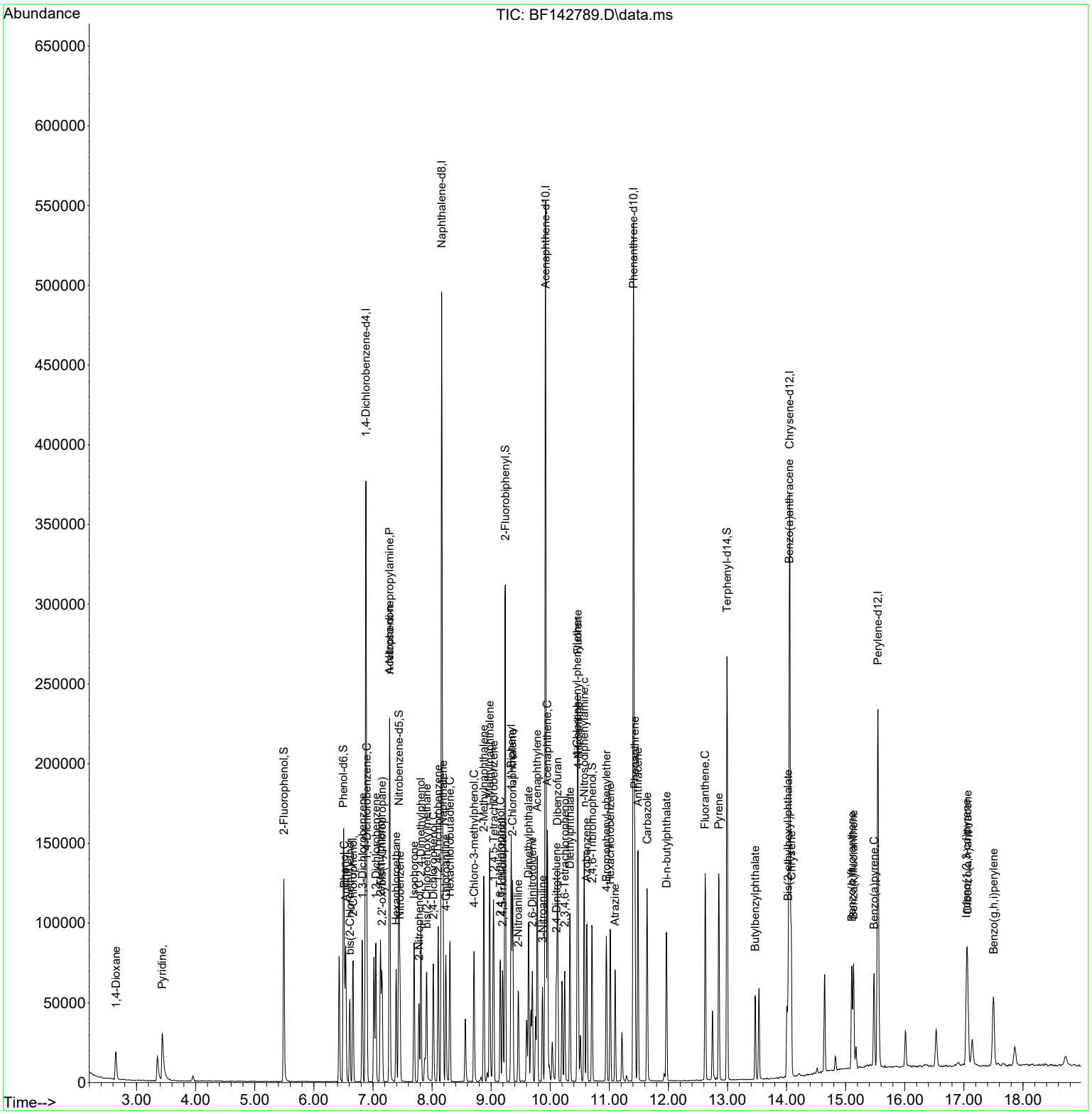
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.951	154	50726	5.230	ng		97
53) 3-Nitroaniline	9.869	138	12667	4.984	ng		99
55) Dibenzofuran	10.122	168	74998	5.420	ng		99
57) 2,4-Dinitrotoluene	10.104	165	15173	4.904	ng		96
58) Fluorene	10.469	166	59558	5.453	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	13285	4.827	ng	#	97
60) Diethylphthalate	10.333	149	54038	5.040	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	29011	5.469	ng		98
62) 4-Nitroaniline	10.475	138	11342	4.971	ng		97
63) Azobenzene	10.616	77	49436	5.276	ng		99
66) n-Nitrosodiphenylamine	10.575	169	51021	5.356	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	15996	4.927	ng		99
68) Hexachlorobenzene	11.016	284	18237	5.059	ng		97
69) Atrazine	11.098	200	12221	4.832	ng		98
71) Phenanthrene	11.433	178	81962	5.522	ng		99
72) Anthracene	11.486	178	84944	5.529	ng		99
73) Carbazole	11.639	167	72067	5.601	ng		100
74) Di-n-butylphthalate	11.969	149	69083	4.850	ng		99
75) Fluoranthene	12.622	202	78721	5.582	ng		99
78) Pyrene	12.851	202	80026	5.739	ng		100
80) Butylbenzylphthalate	13.469	149	18113	4.383	ng		96
81) Benzo(a)anthracene	14.045	228	52785	5.300	ng		100
83) Chrysene	14.080	228	47142	5.084	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	24641	4.002	ng		97
87) Indeno(1,2,3-cd)pyrene	17.045	276	50546	5.168	ng		99
88) Benzo(b)fluoranthene	15.104	252	38493	4.996	ng		99
89) Benzo(k)fluoranthene	15.133	252	39874	5.302	ng		97
90) Benzo(a)pyrene	15.480	252	37779	5.124	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	41301	5.194	ng		100
92) Benzo(g,h,i)perylene	17.504	276	40975	5.165	ng		99

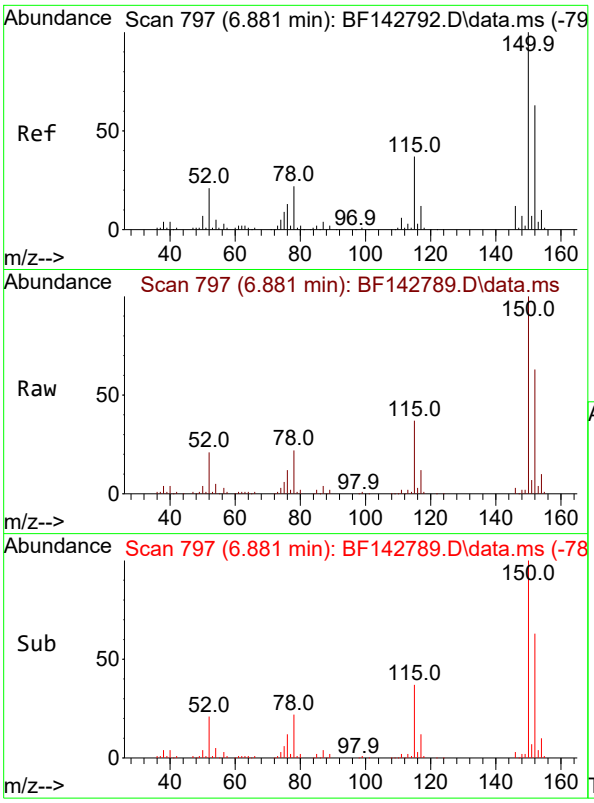
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142789.D
Acq On : 19 Jun 2025 17:38
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jun 20 04:37:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration



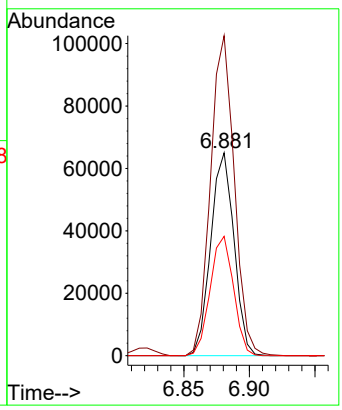


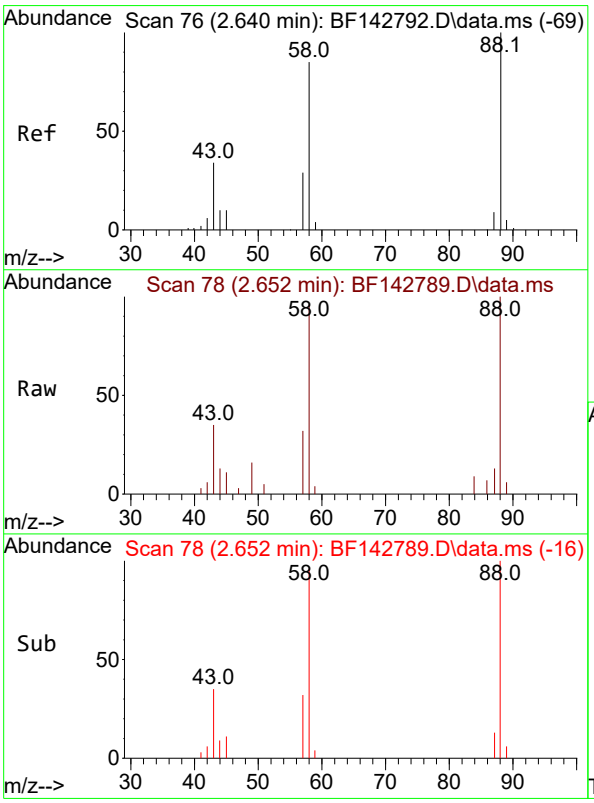
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 80144

Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.2	190.8
115	58.8	46.6	69.8

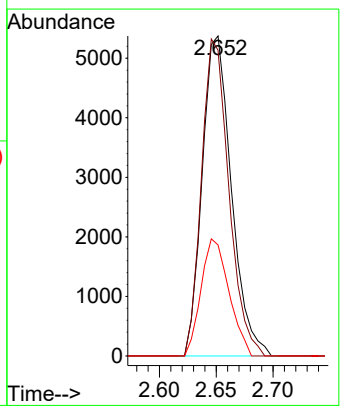


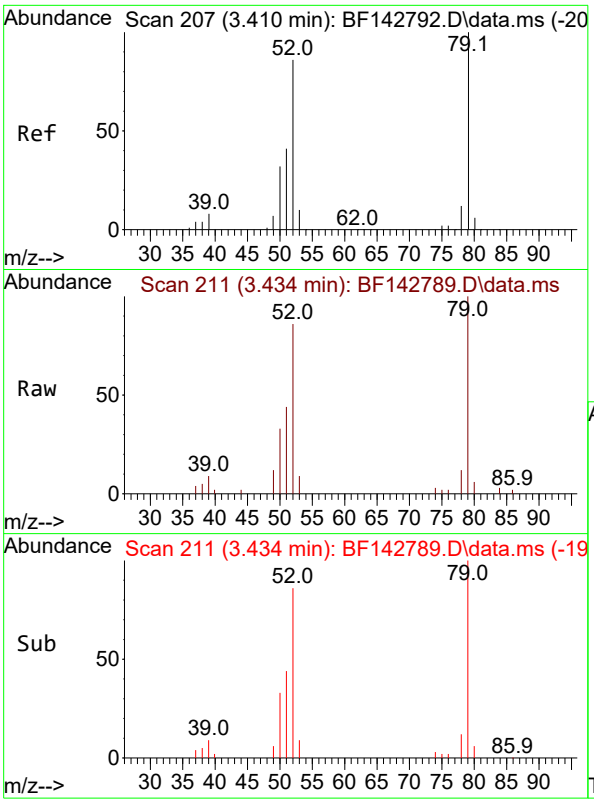


#2
1,4-Dioxane
Concen: 5.139 ng
RT: 2.652 min Scan# 78
Delta R.T. 0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion: 88 Resp: 9589

Ion	Ratio	Lower	Upper
88	100		
58	92.9	69.1	103.7
43	35.1	27.4	41.2



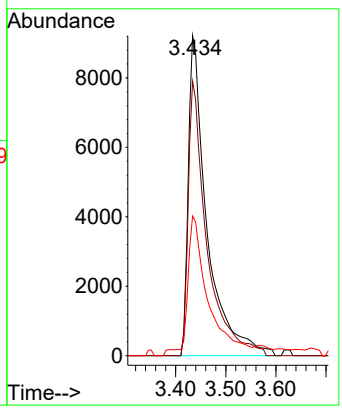


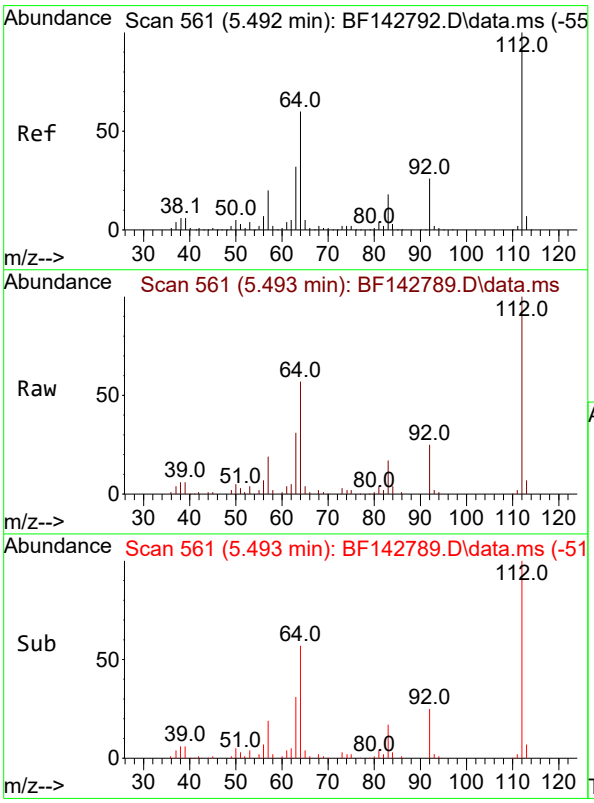
#3
Pyridine
Concen: 5.102 ng
RT: 3.434 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 23835

Ion	Ratio	Lower	Upper
79	100		
52	85.8	69.2	103.8
51	43.7	33.2	49.8

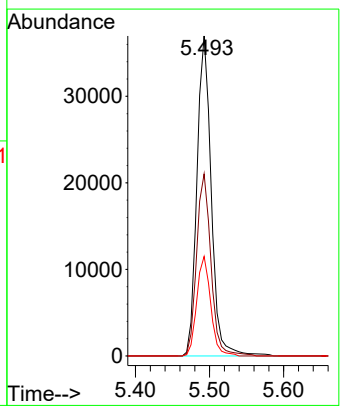


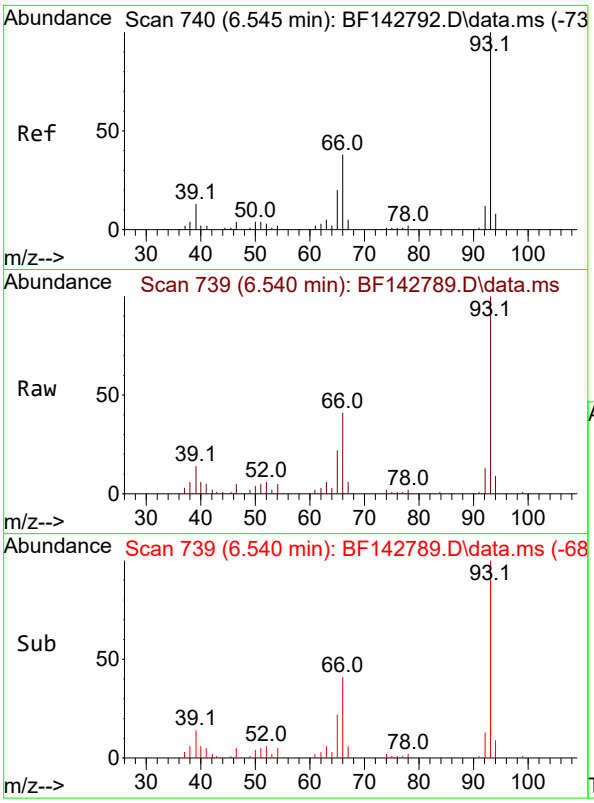


#5
2-Fluorophenol
Concen: 10.555 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:112 Resp: 49599

Ion	Ratio	Lower	Upper
112	100		
64	56.9	48.2	72.2
63	31.1	25.7	38.5



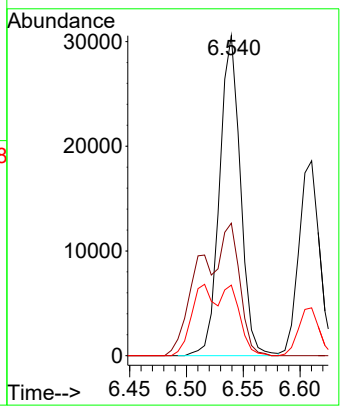


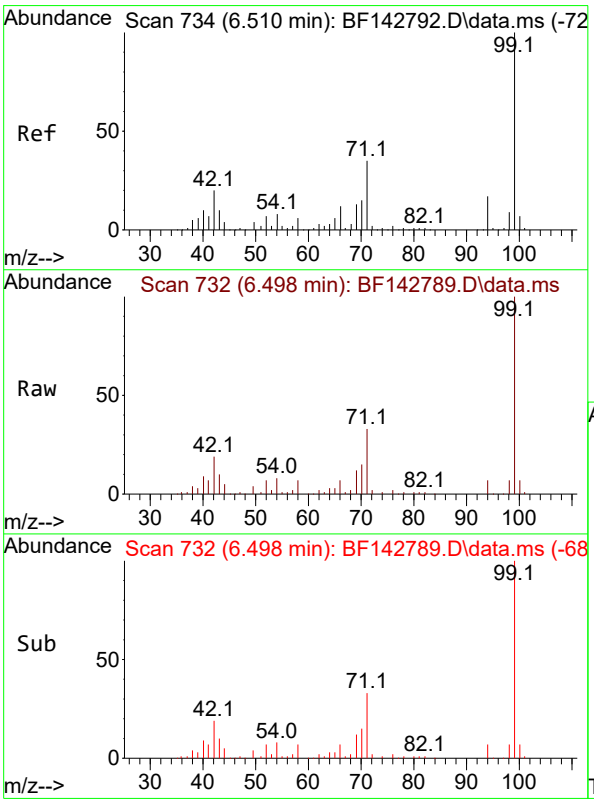
#6
Aniline
Concen: 5.286 ng
RT: 6.540 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 39088

Ion	Ratio	Lower	Upper
93	100		
66	41.4	31.8	47.6
65	22.0	16.2	24.2

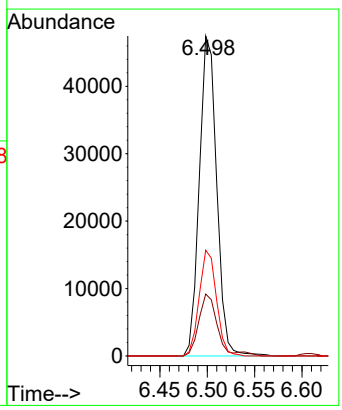


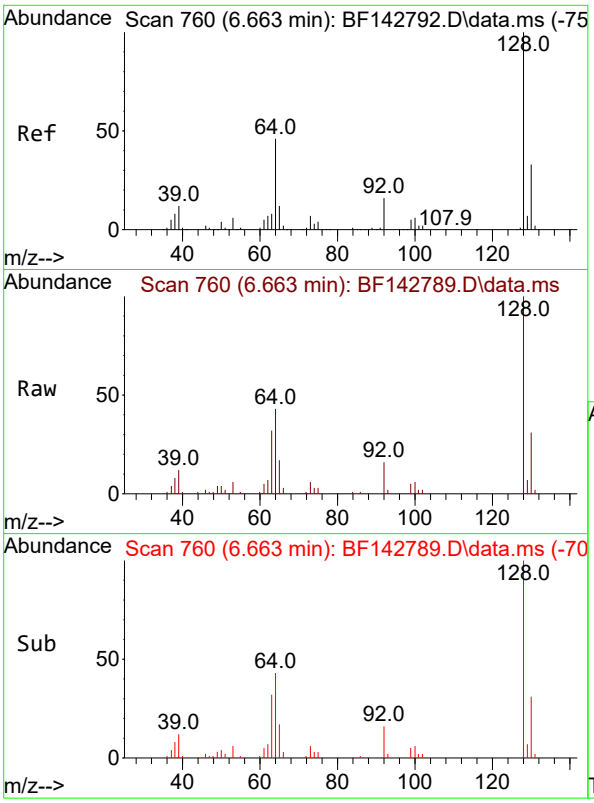


#7
Phenol-d6
Concen: 10.981 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion: 99 Resp: 60590

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.9	23.9
71	33.1	27.8	41.8



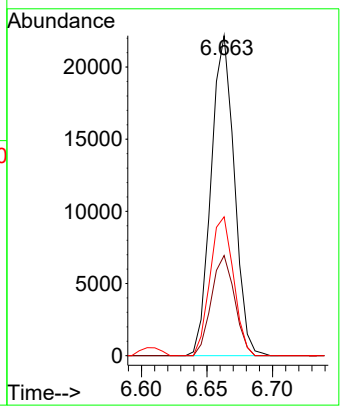


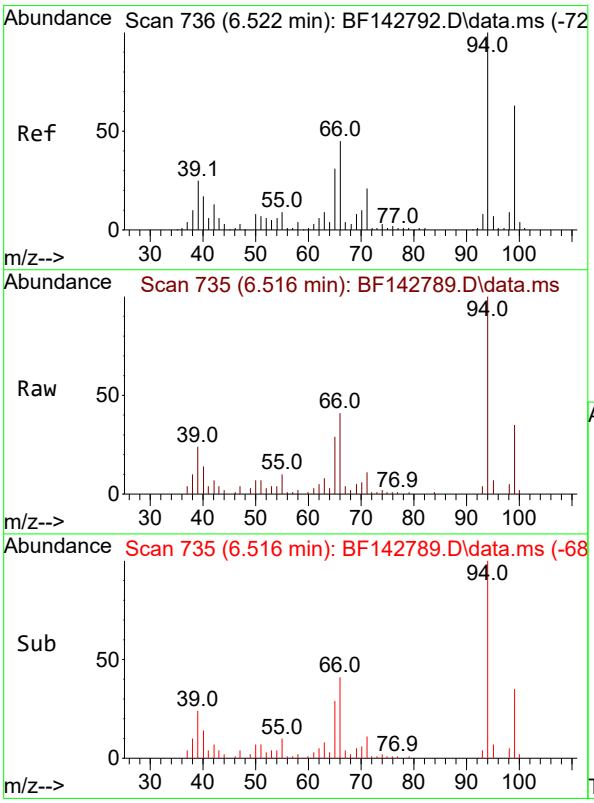
#8
2-Chlorophenol
Concen: 5.332 ng
RT: 6.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 27282

Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.7	52.7
64	43.4	26.5	66.5

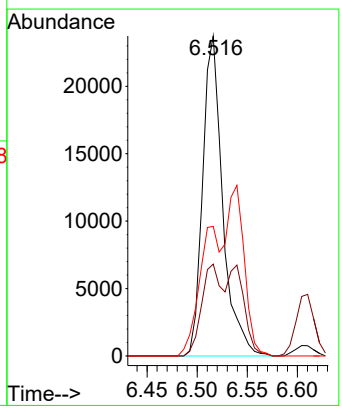


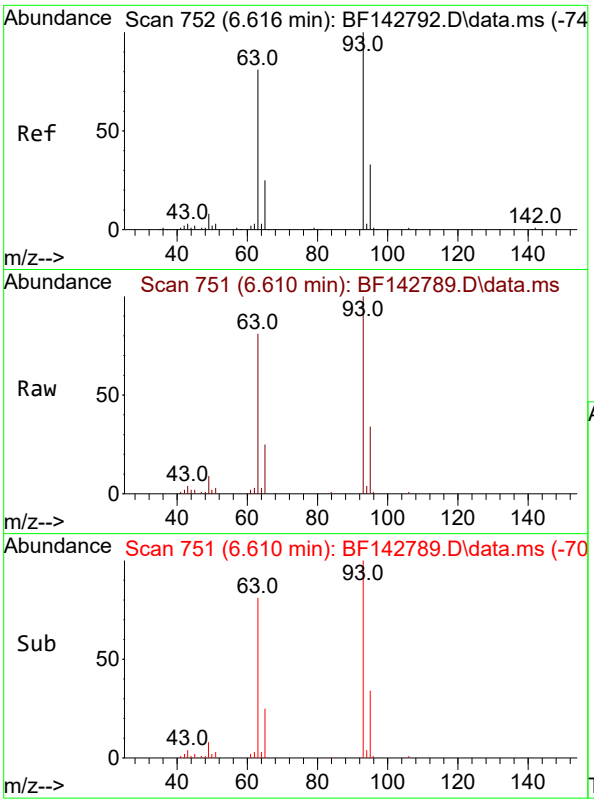


#10
Phenol
Concen: 5.369 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion: 94 Resp: 33027

Ion	Ratio	Lower	Upper
94	100		
65	28.7	11.3	51.3
66	40.5	24.9	64.9



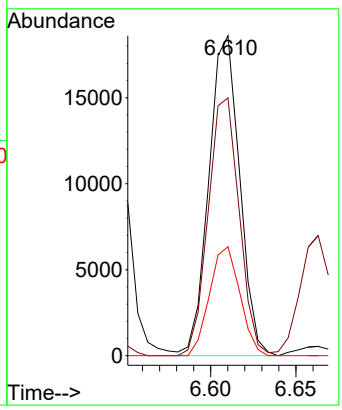


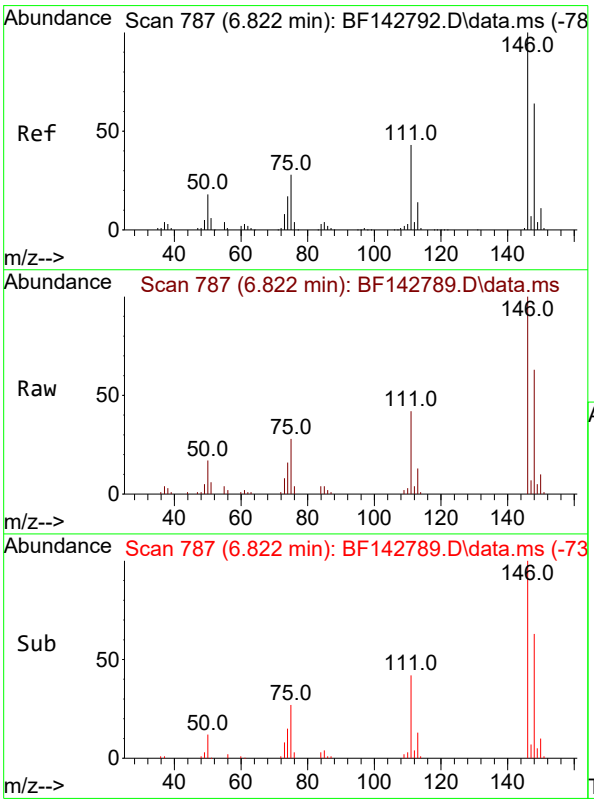
#11
bis(2-Chloroethyl)ether
Concen: 5.122 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 23378

Ion	Ratio	Lower	Upper
93	100		
63	80.6	60.3	100.3
95	34.1	12.5	52.5

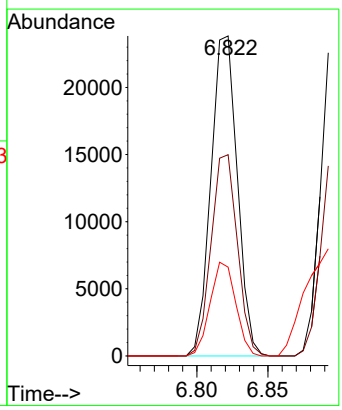


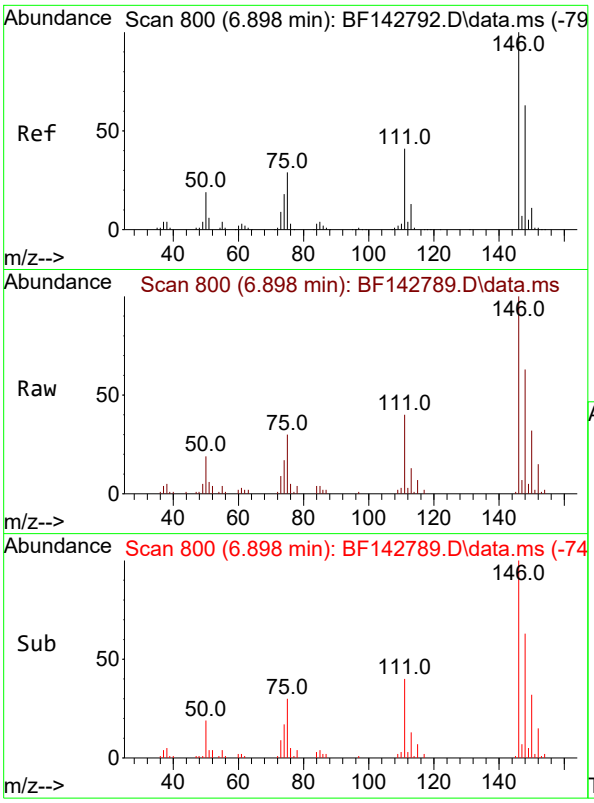


#12
1,3-Dichlorobenzene
Concen: 5.281 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:146 Resp: 30770

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
75	27.7	22.7	34.1



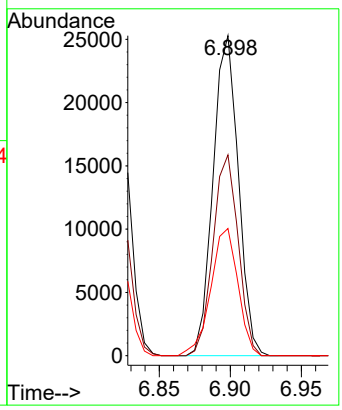


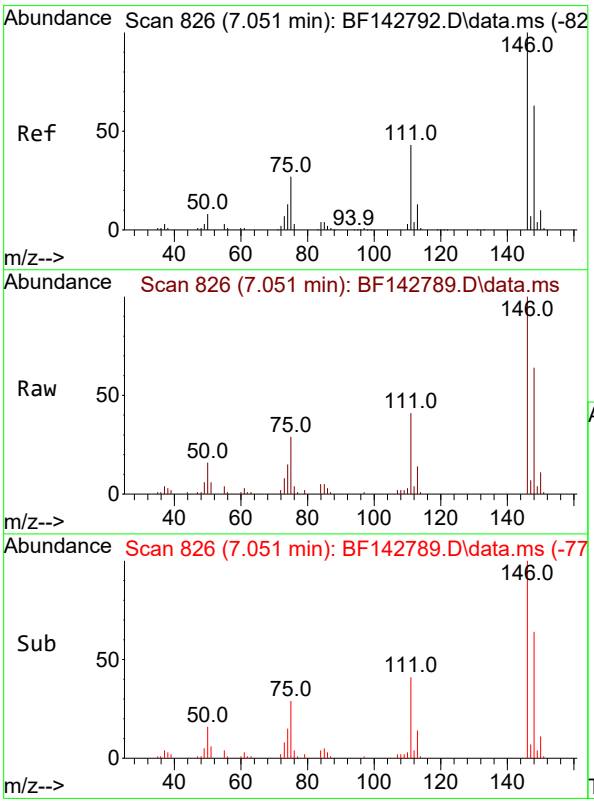
#13
1,4-Dichlorobenzene
Concen: 5.302 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 31311

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.2	75.2
111	39.8	33.2	49.8

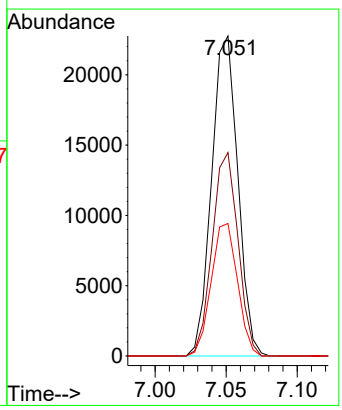


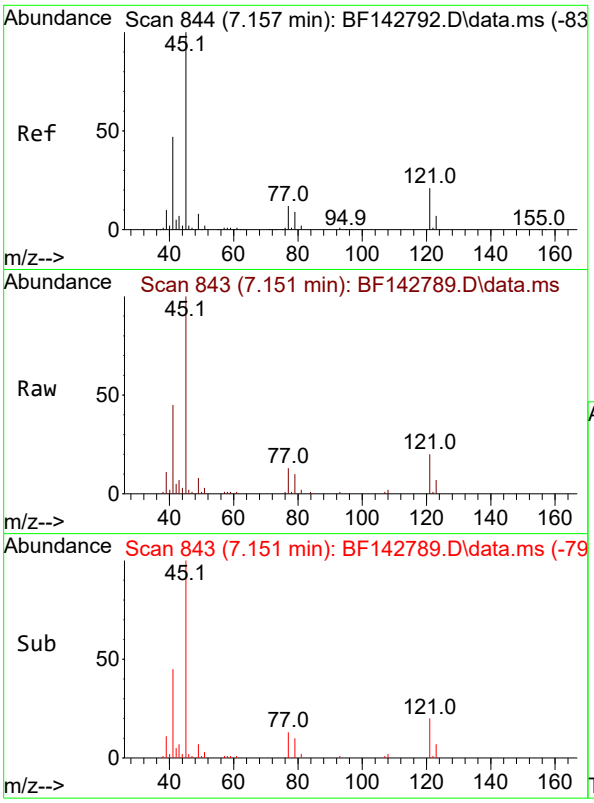


#14
1,2-Dichlorobenzene
Concen: 5.175 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:146 Resp: 29215

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	41.4	34.1	51.1



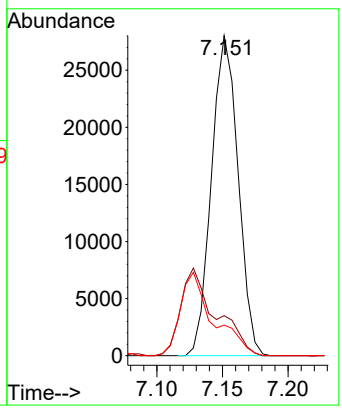


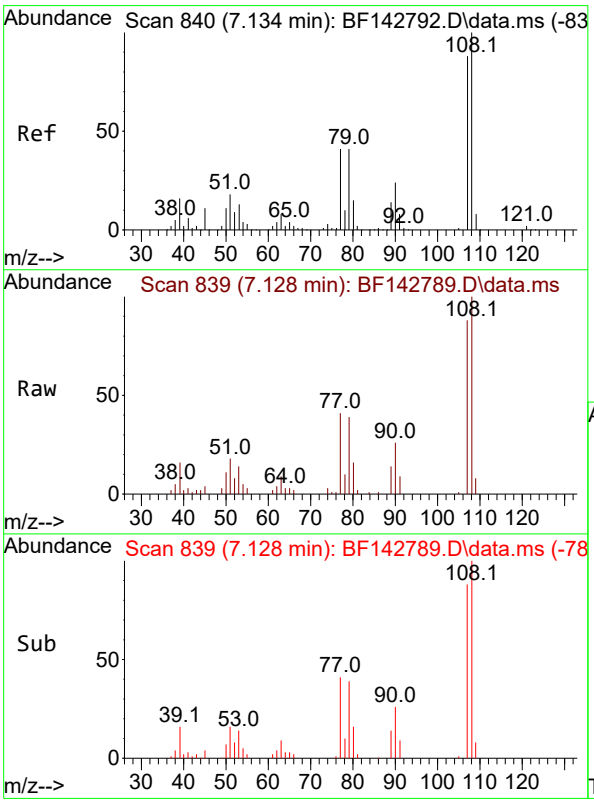
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.503 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 39577

Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	32.8
79	9.5	0.0	29.8

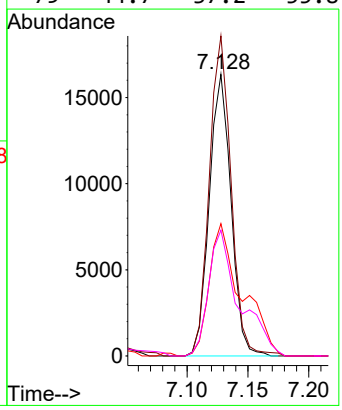


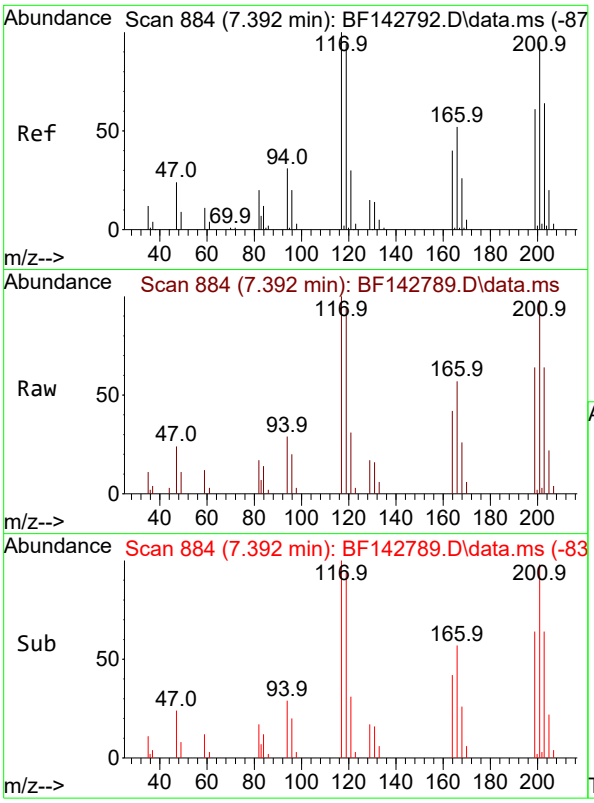


#17
2-Methylphenol
Concen: 5.199 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:107 Resp: 20336

Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	47.0	37.3	55.9
79	44.7	37.2	55.8



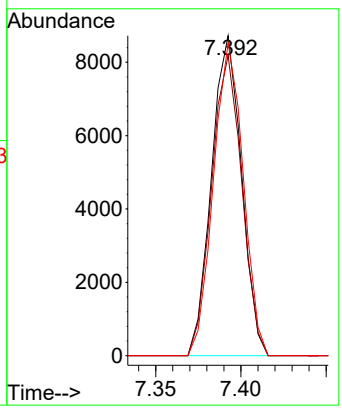


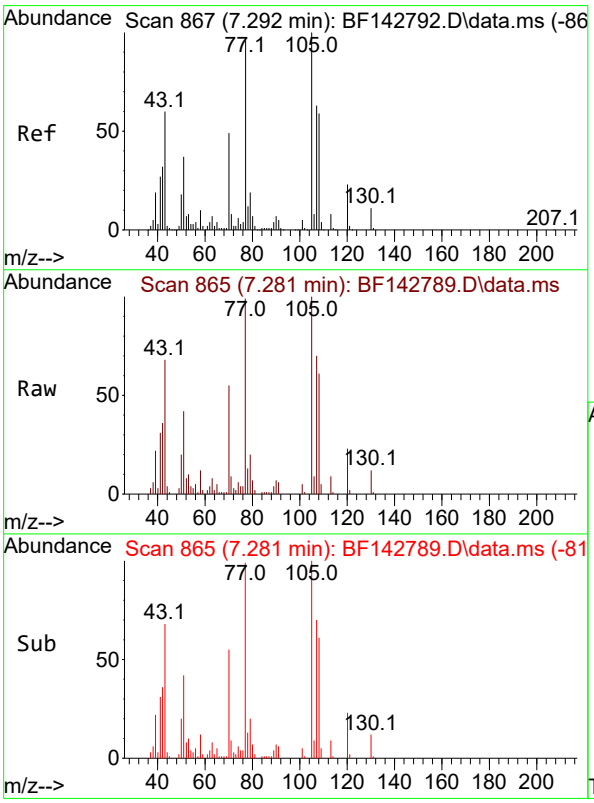
#18
Hexachloroethane
Concen: 5.054 ng
RT: 7.392 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 10670

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.4	113.0
201	97.7	75.9	113.9

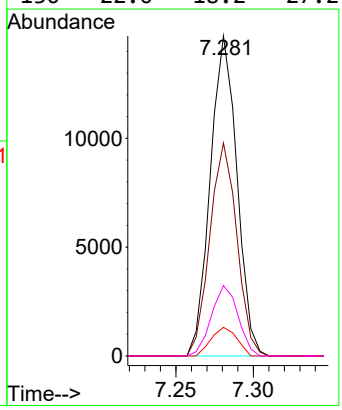


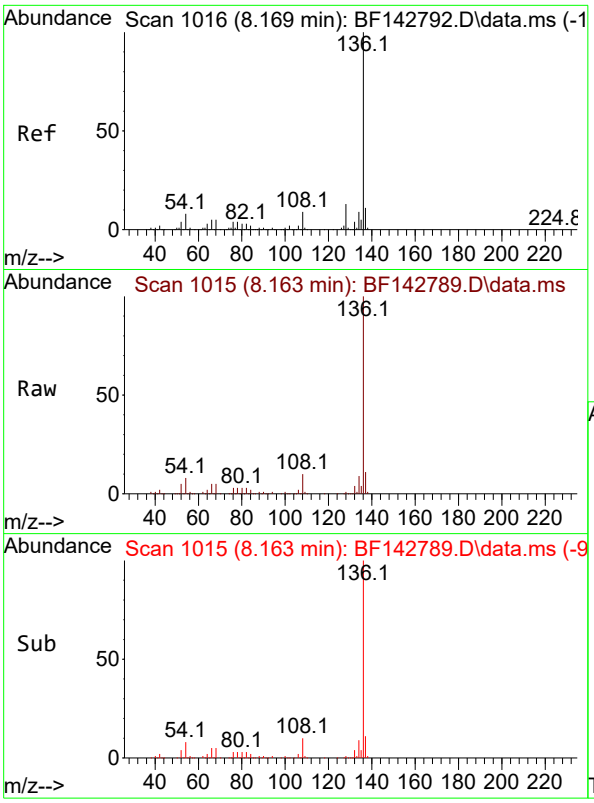


#19
n-Nitroso-di-n-propylamine
Concen: 5.061 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion: 70 Resp: 17612

Ion	Ratio	Lower	Upper
70	100		
42	66.5	52.1	78.1
101	8.9	8.2	12.2
130	22.0	18.2	27.2



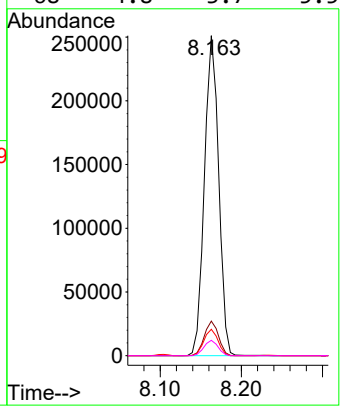


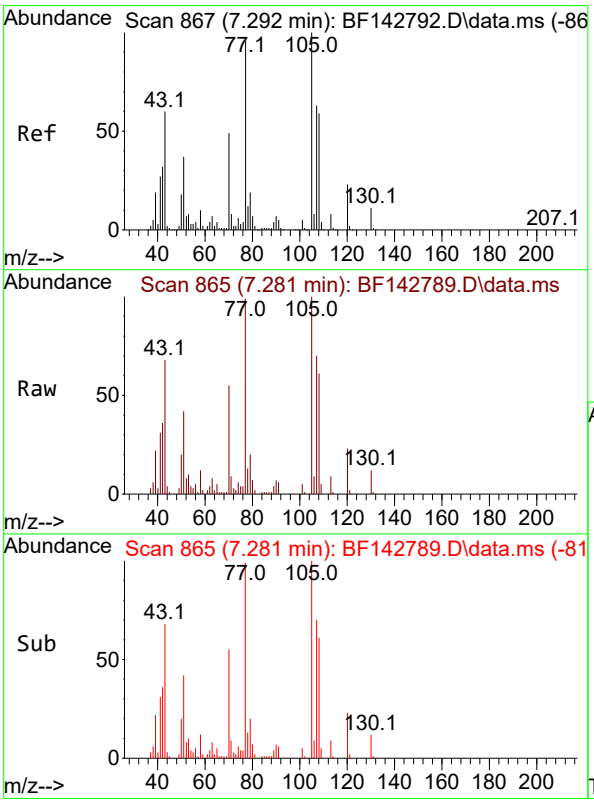
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 305306

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.3	6.3	9.5
68	4.8	3.7	5.5

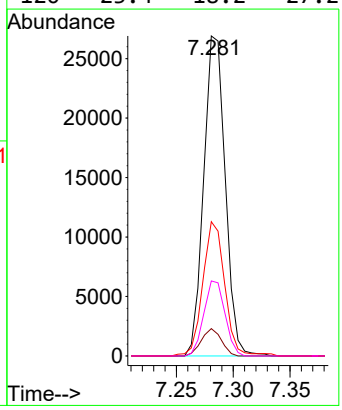


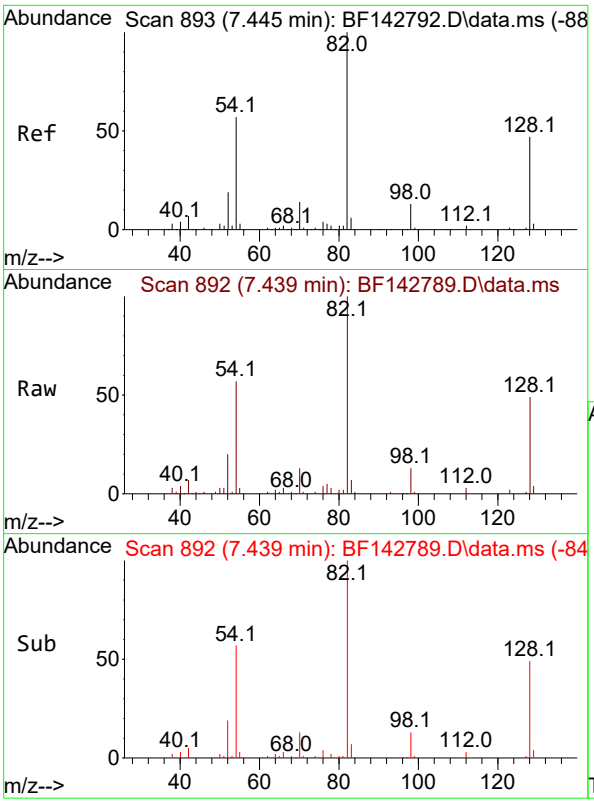


#22
Acetophenone
Concen: 5.240 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:105 Resp: 35396

Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.5	9.7
51	41.9	29.8	44.8
120	23.4	18.2	27.2



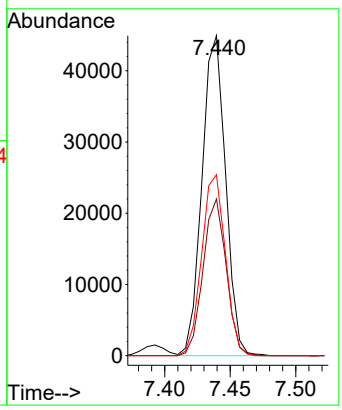


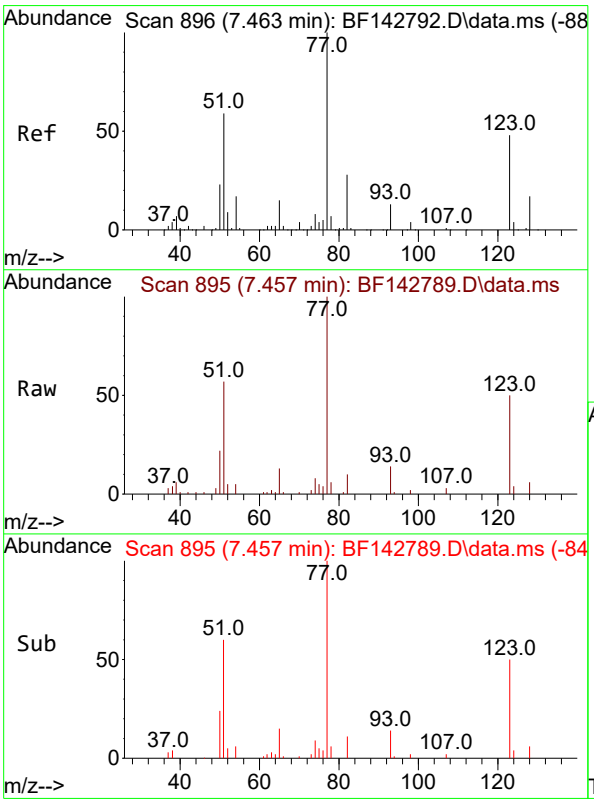
#23
Nitrobenzene-d5
Concen: 10.106 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 56291

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.7	56.5
54	56.6	45.7	68.5

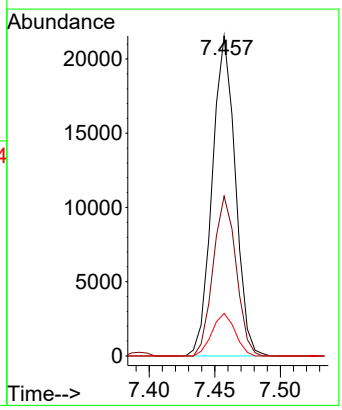


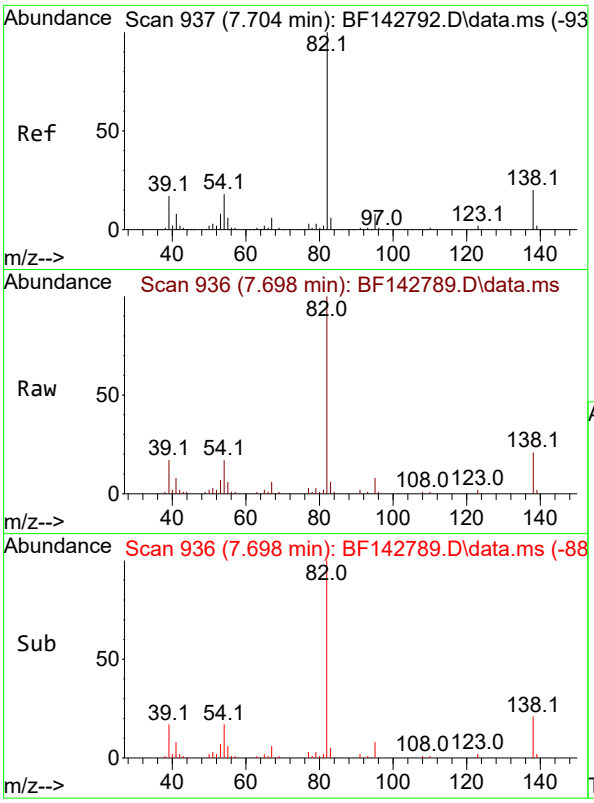


#24
Nitrobenzene
Concen: 5.324 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion: 77 Resp: 26353

Ion	Ratio	Lower	Upper
77	100		
123	49.9	39.2	58.8
65	13.3	11.6	17.4



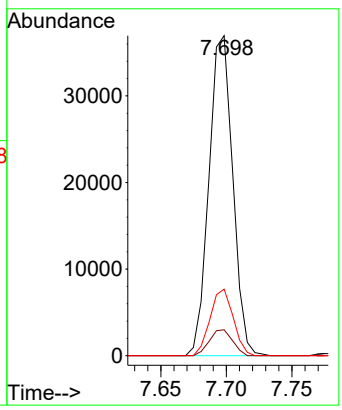


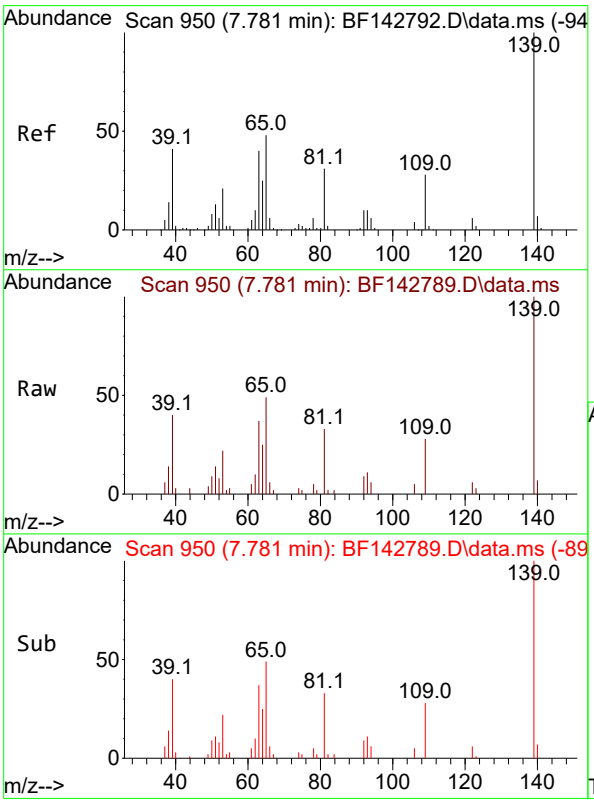
#25
Isophorone
Concen: 4.997 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 46673

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.2	9.2
138	20.8	16.2	24.4

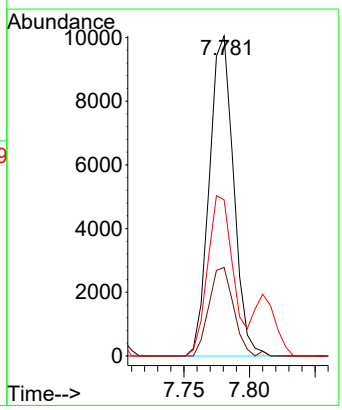


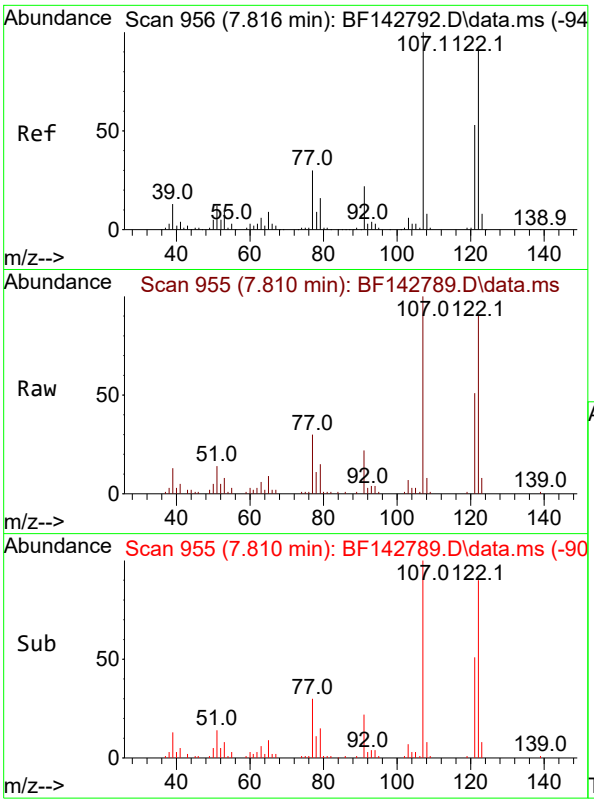


#26
2-Nitrophenol
Concen: 4.682 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:139 Resp: 12914

Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	48.8	38.6	58.0



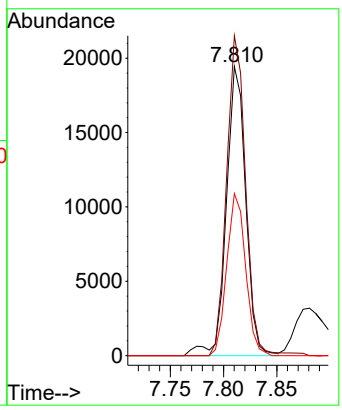


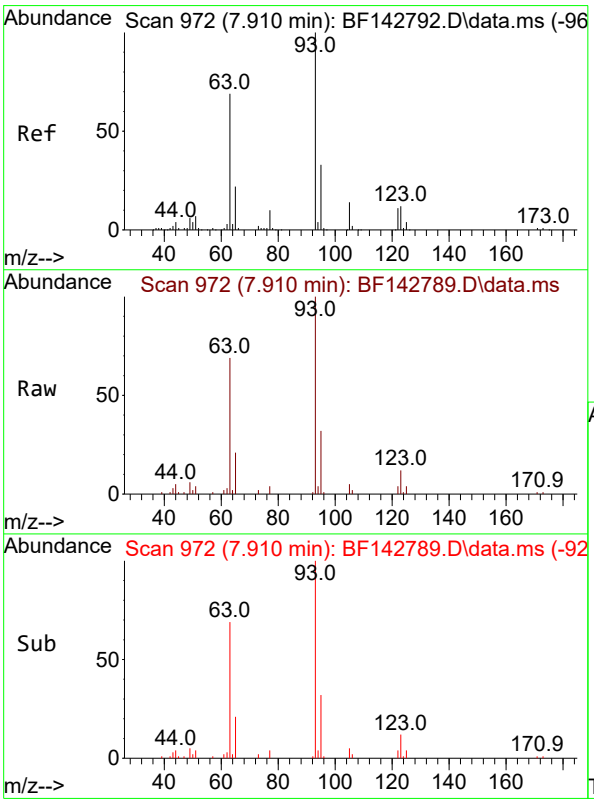
#27
2,4-Dimethylphenol
Concen: 5.242 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 24614

Ion	Ratio	Lower	Upper
122	100		
107	110.7	88.0	132.0
121	56.1	46.3	69.5

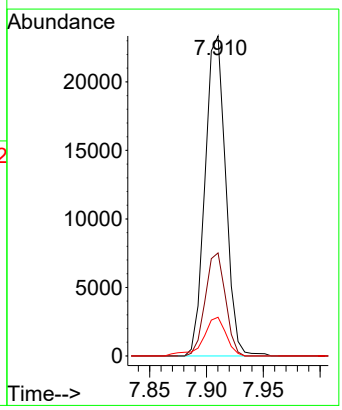


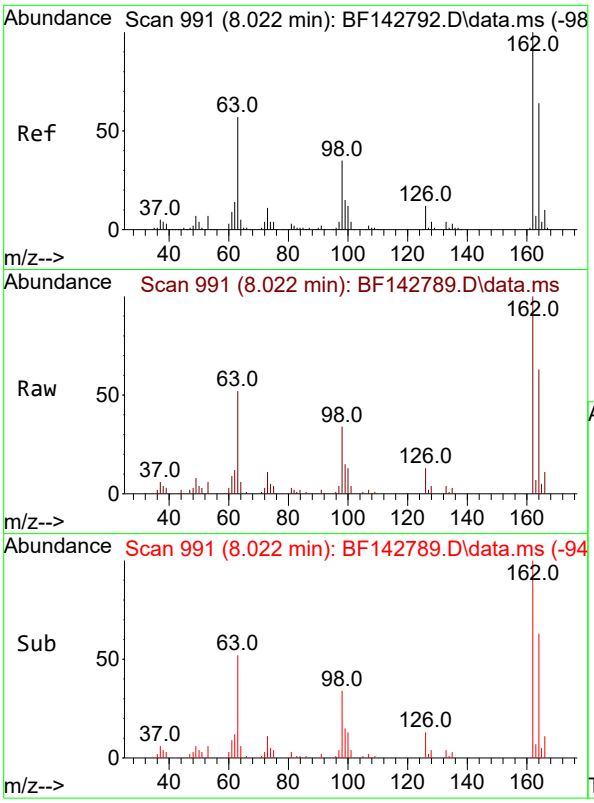


#28
bis(2-Chloroethoxy)methane
Concen: 5.068 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion: 93 Resp: 29467

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.2
123	12.1	9.9	14.9



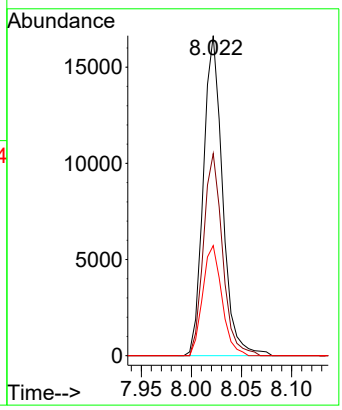


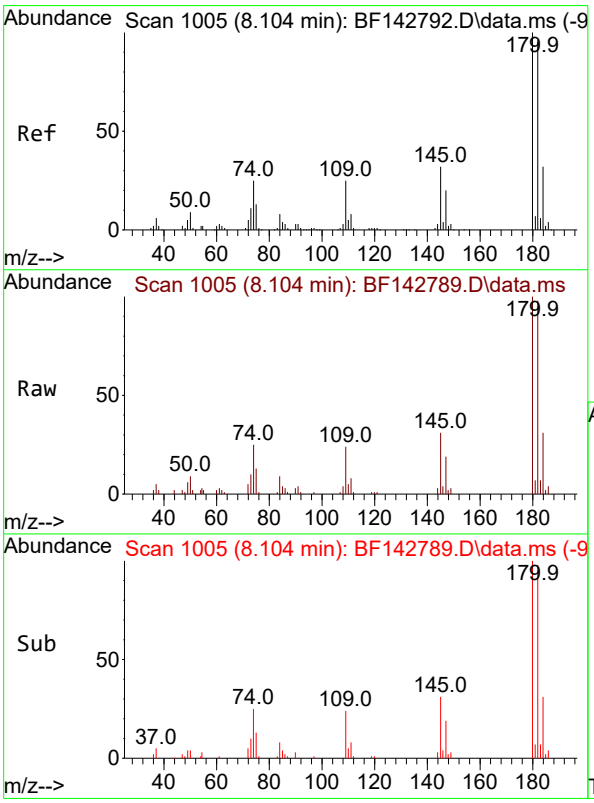
#29
2,4-Dichlorophenol
Concen: 5.134 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 22222

Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.0	84.0
98	34.4	15.4	55.4

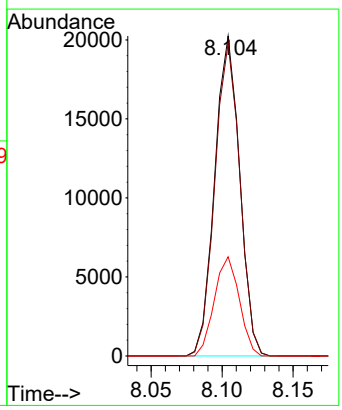


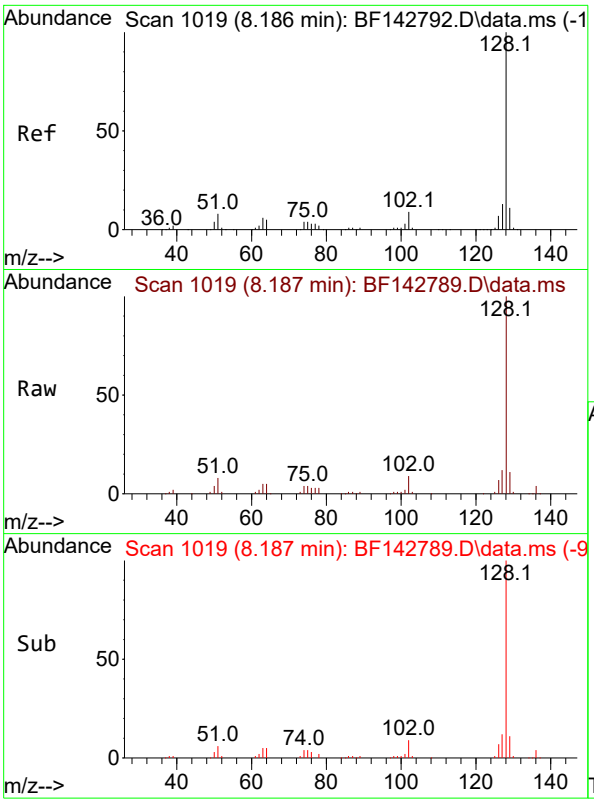


#30
1,2,4-Trichlorobenzene
Concen: 5.171 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:180 Resp: 24724

Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.4	114.6
145	31.0	25.8	38.8



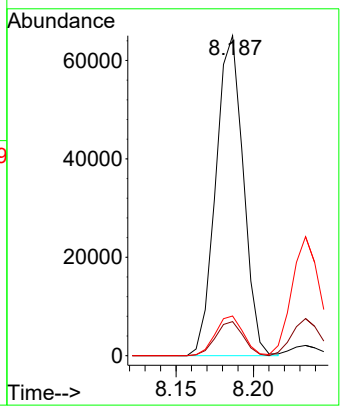


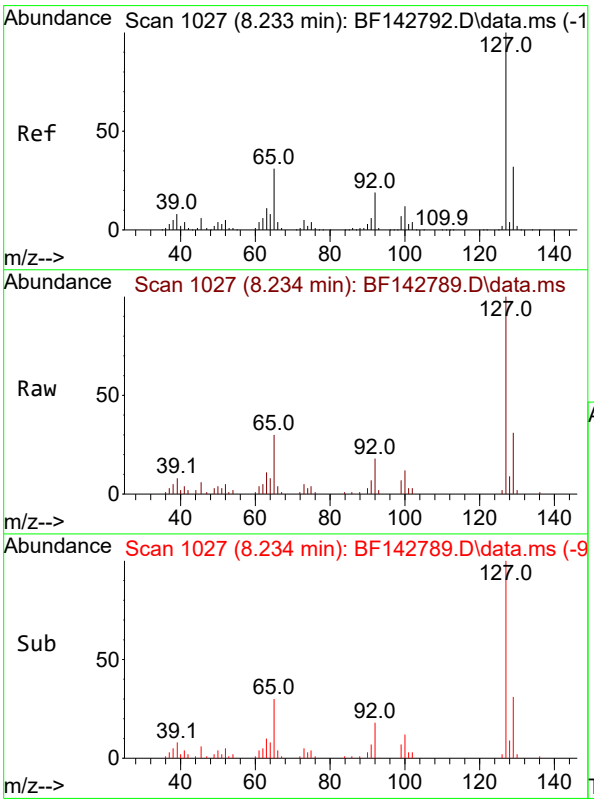
#31
Naphthalene
Concen: 5.344 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 80247

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	12.4	10.4	15.6

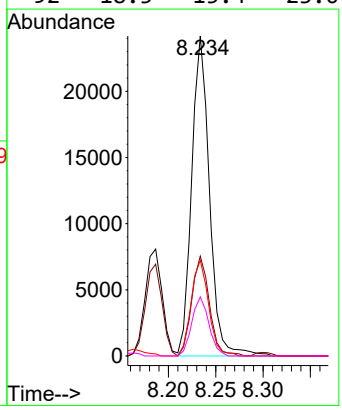


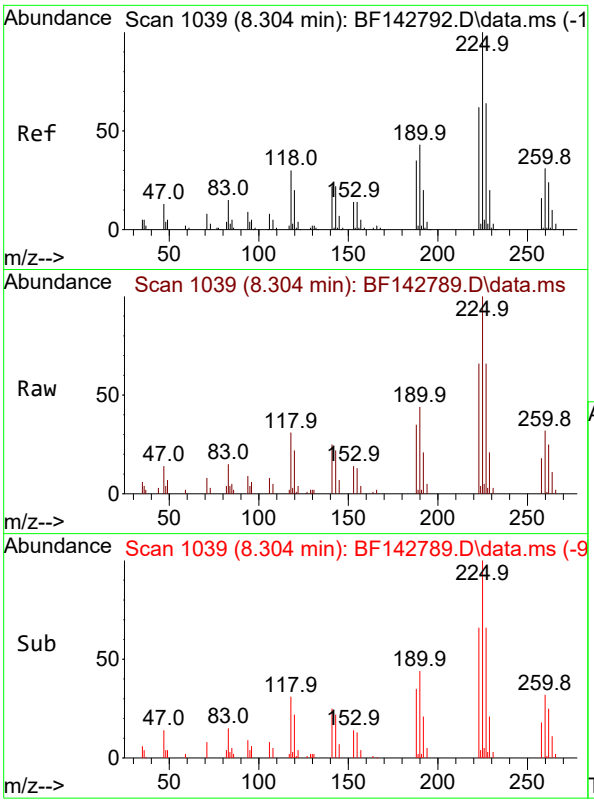


#33
4-Chloroaniline
Concen: 5.256 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:127 Resp: 31626

Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	29.9	24.6	36.8
92	18.5	15.4	23.0



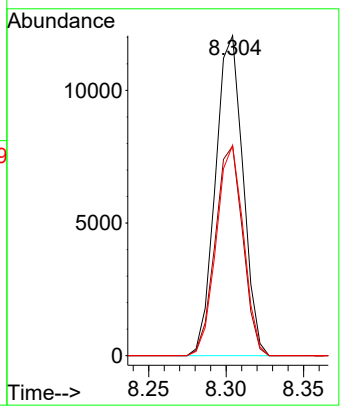


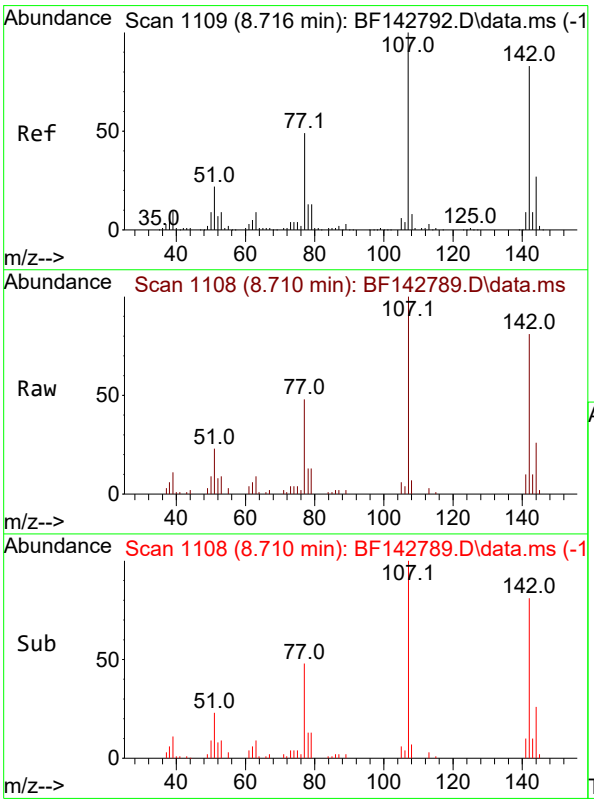
#34
Hexachlorobutadiene
Concen: 4.918 ng
RT: 8.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 14900

Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.9	74.9
227	65.7	51.4	77.0

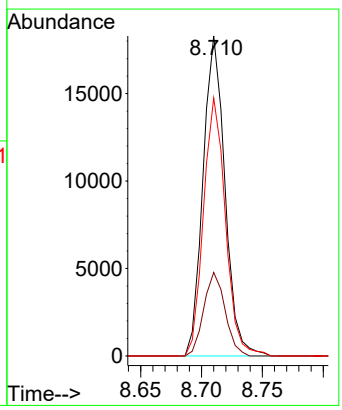


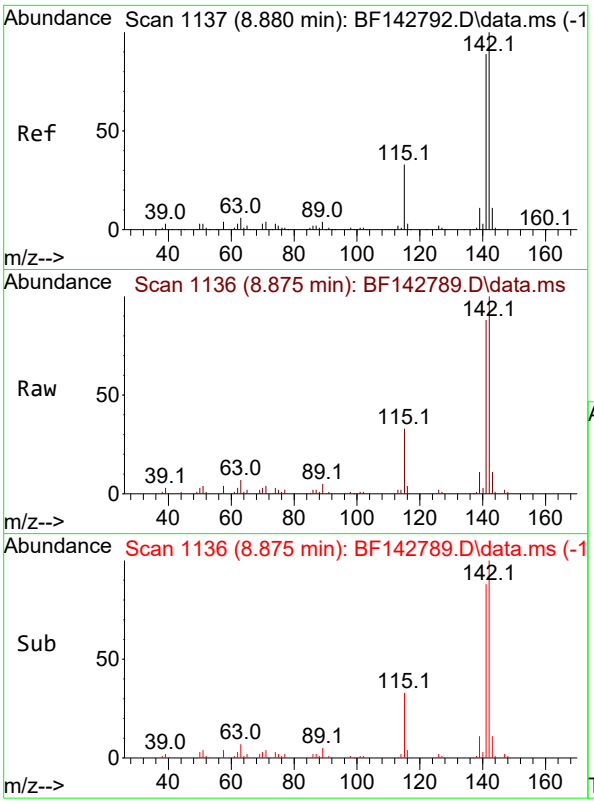


#36
4-Chloro-3-methylphenol
Concen: 5.113 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:107 Resp: 22861

Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.3	31.9
142	80.7	66.6	100.0



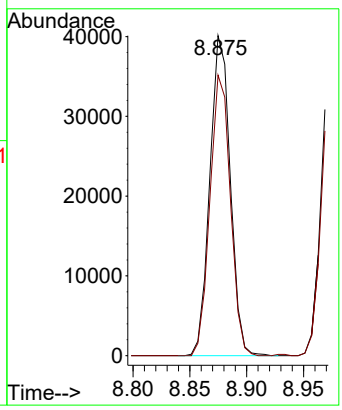


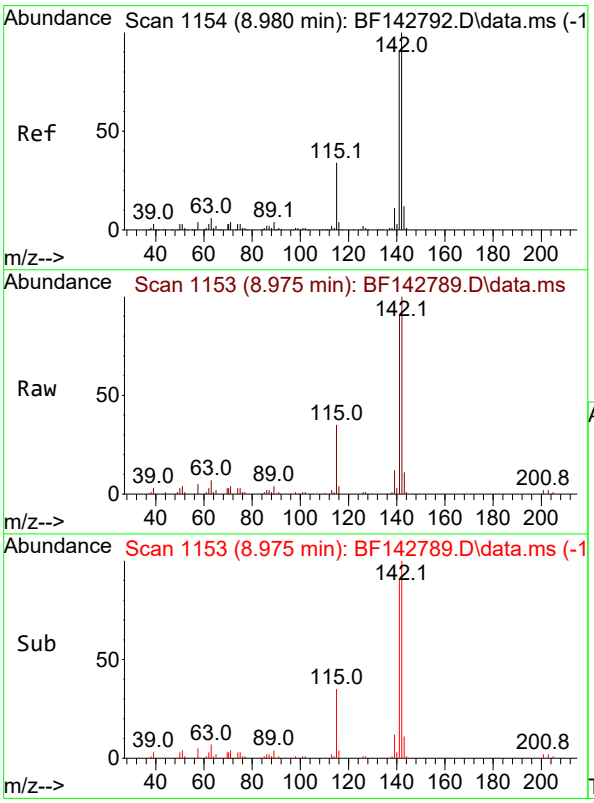
#37
2-Methylnaphthalene
Concen: 5.281 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 50024

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.9	106.3

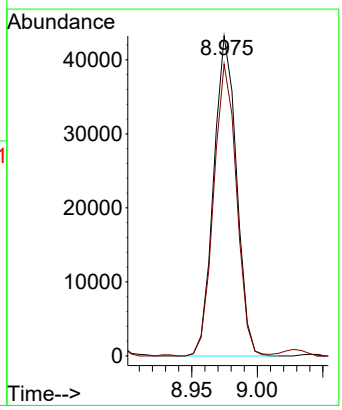


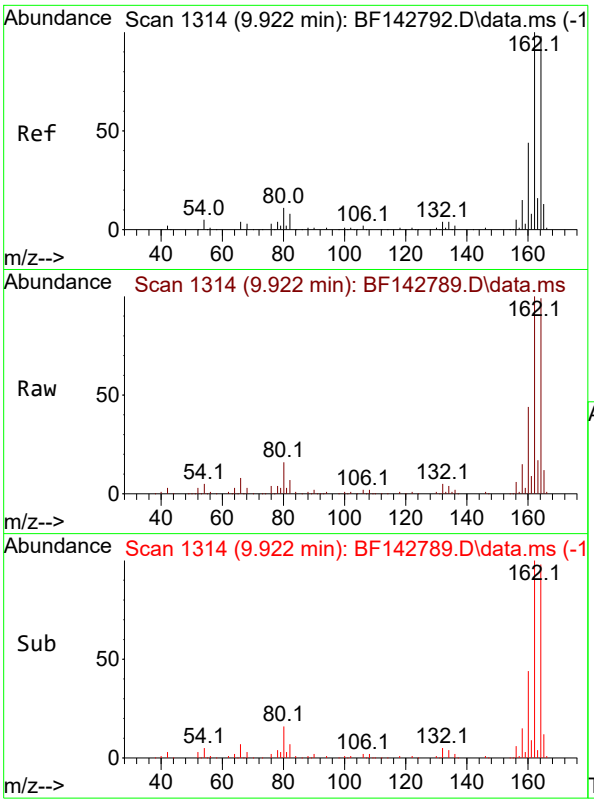


#38
1-Methylnaphthalene
Concen: 5.307 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:142 Resp: 52193

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.4



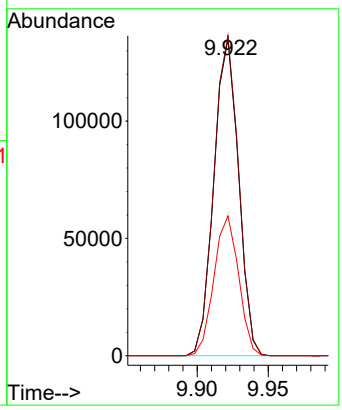


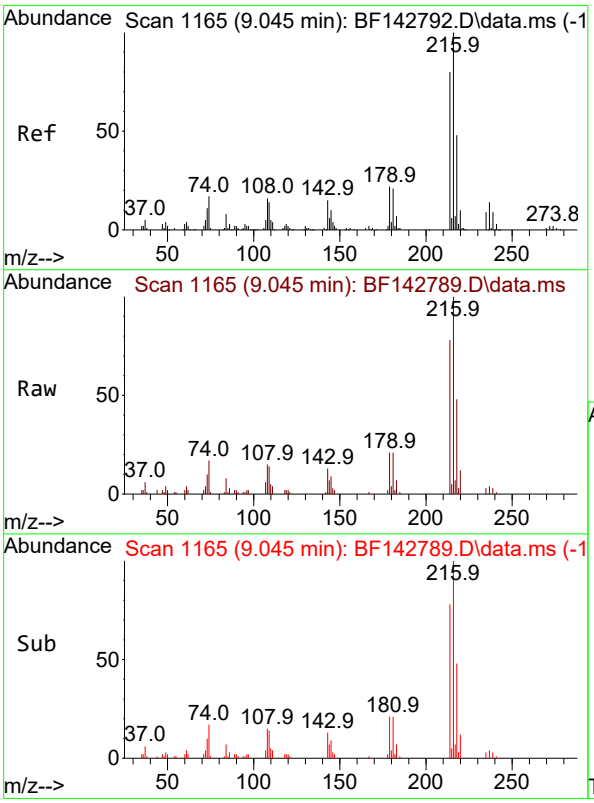
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 162729

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.8	122.8
160	44.2	36.0	54.0

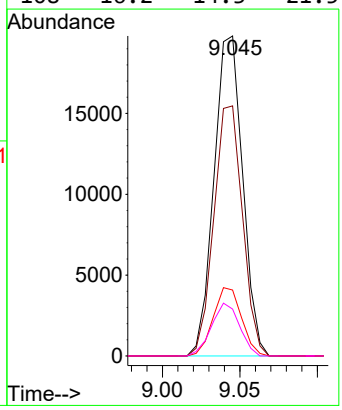


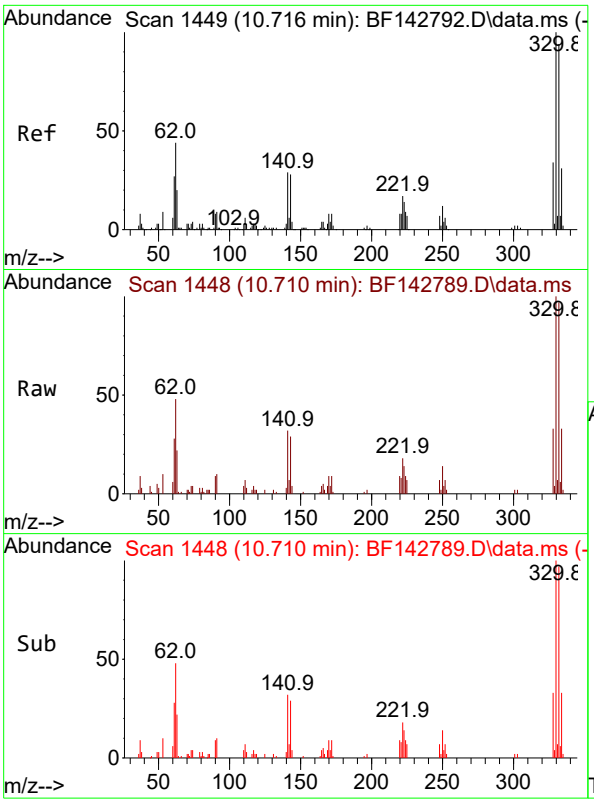


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.419 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:216 Resp: 25456

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.7	95.5
179	21.1	17.6	26.4
108	16.2	14.3	21.5



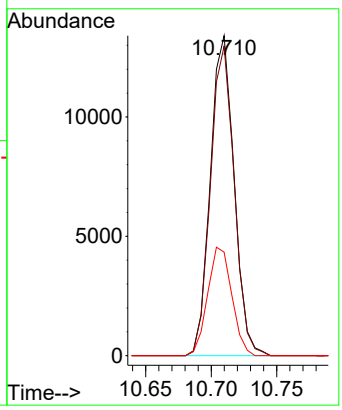


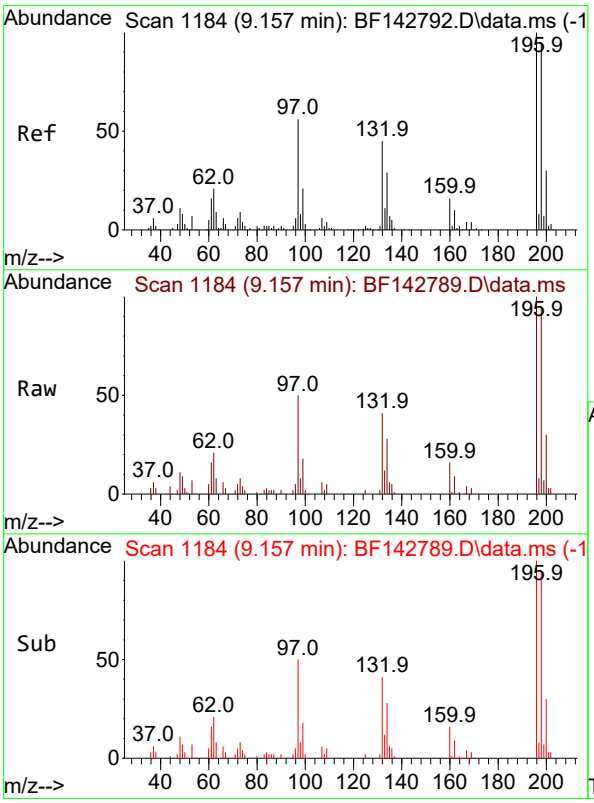
#42
2,4,6-Tribromophenol
Concen: 9.551 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 16892

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.0	112.6
141	34.5	25.3	37.9

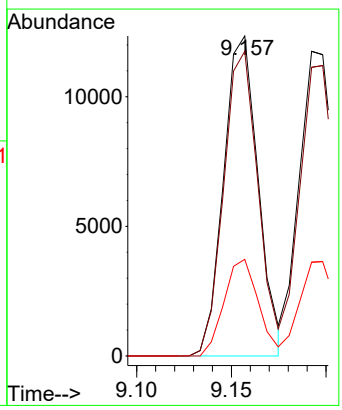


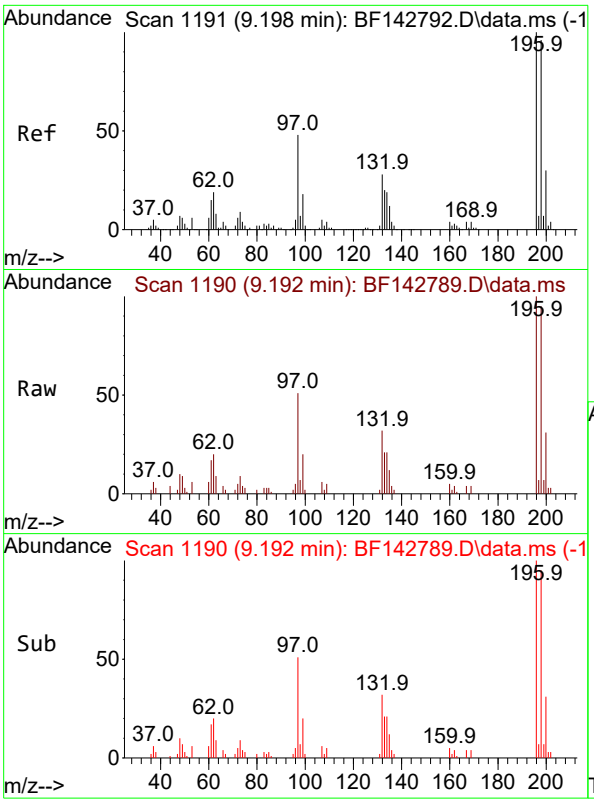


#43
2,4,6-Trichlorophenol
Concen: 5.154 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:196 Resp: 15667

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.2	24.1	36.1



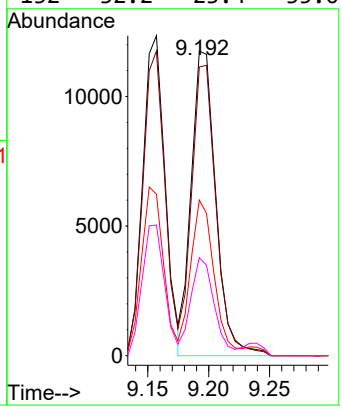


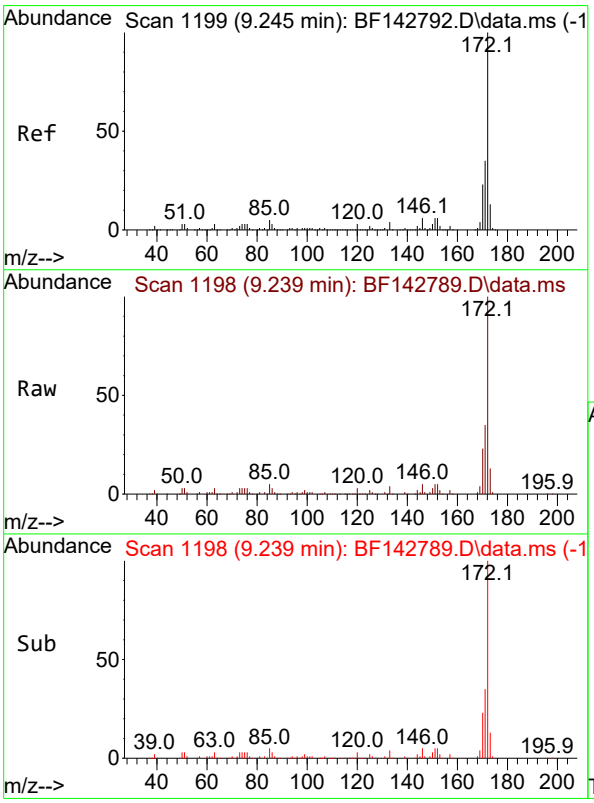
#44
2,4,5-Trichlorophenol
Concen: 5.045 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 16563

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.6	115.0
97	51.1	38.2	57.2
132	32.2	23.4	35.0

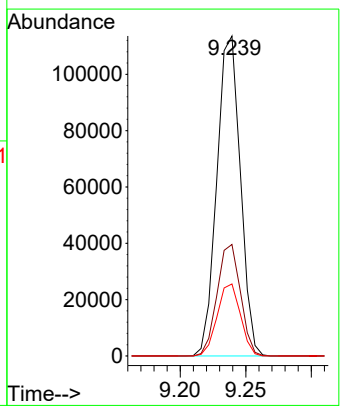


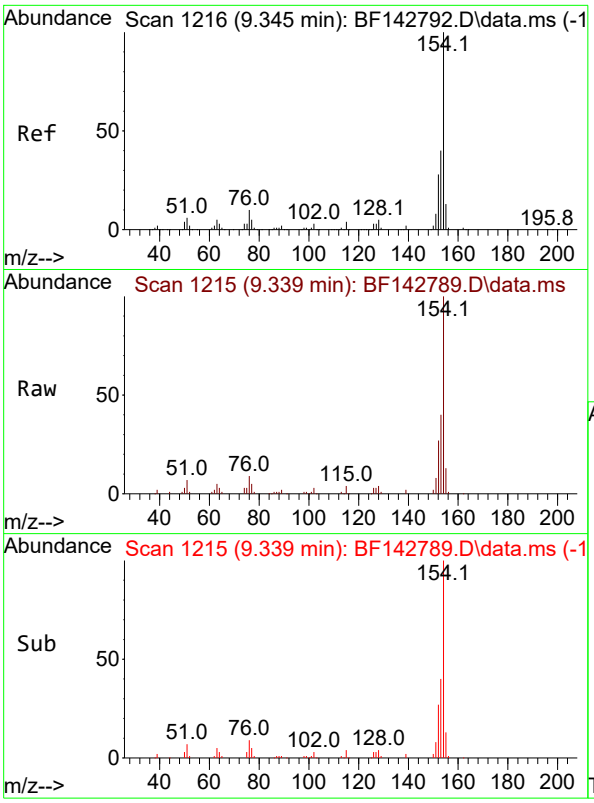


#45
2-Fluorobiphenyl
Concen: 11.573 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:172 Resp: 141565

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.4
170	22.5	18.5	27.7



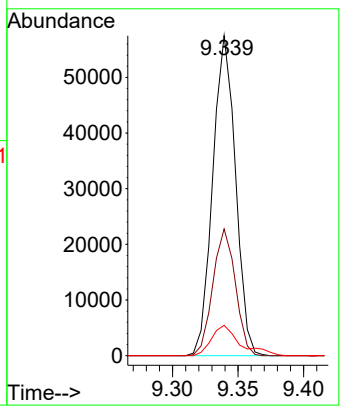


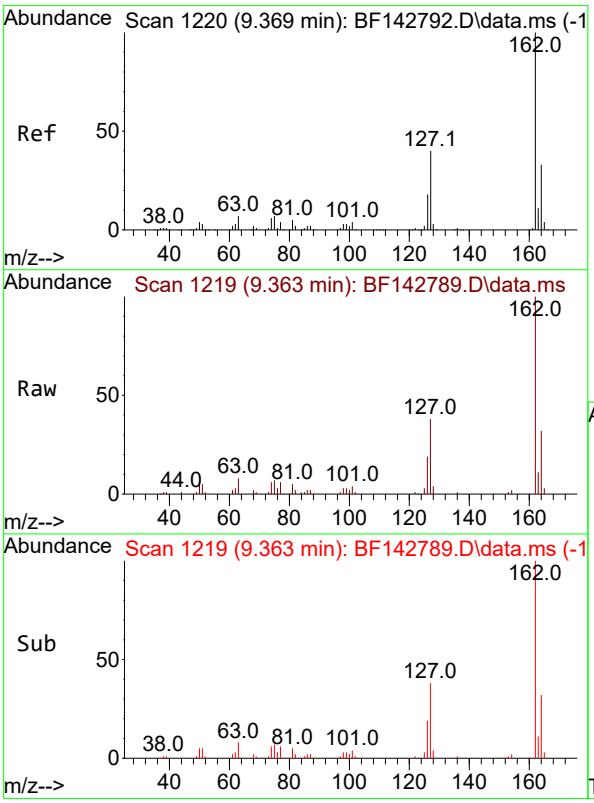
#46
1,1'-Biphenyl
Concen: 5.478 ng
RT: 9.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 69218

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.3	60.3
76	9.5	0.0	30.3

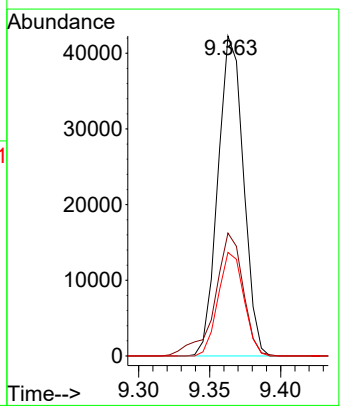


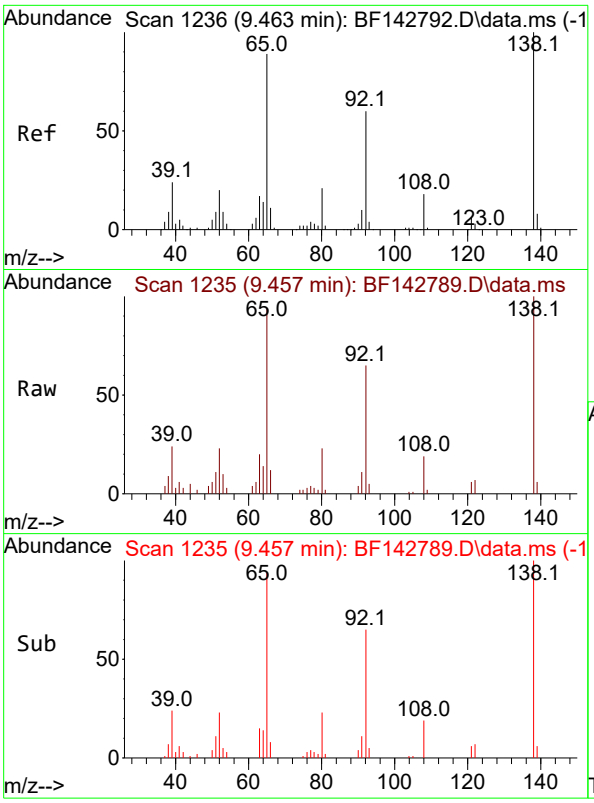


#47
2-Chloronaphthalene
Concen: 5.670 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:162 Resp: 52868

Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.2	48.2
164	32.4	26.1	39.1



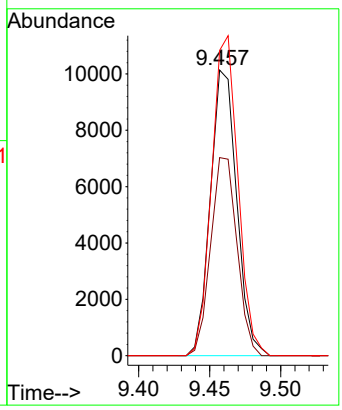


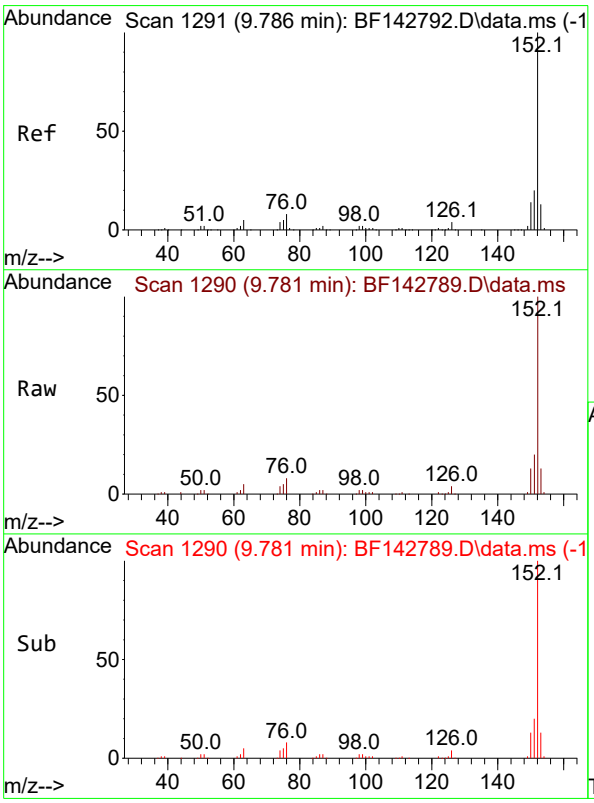
#48
2-Nitroaniline
Concen: 4.937 ng
RT: 9.457 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 13076

Ion	Ratio	Lower	Upper
65	100		
92	69.4	53.8	80.6
138	106.9	89.6	134.4

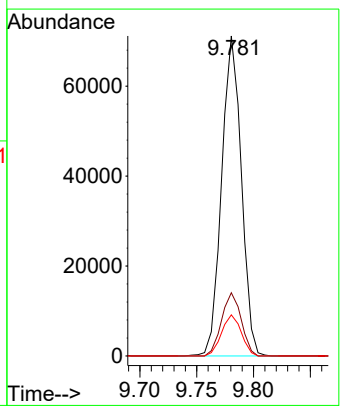


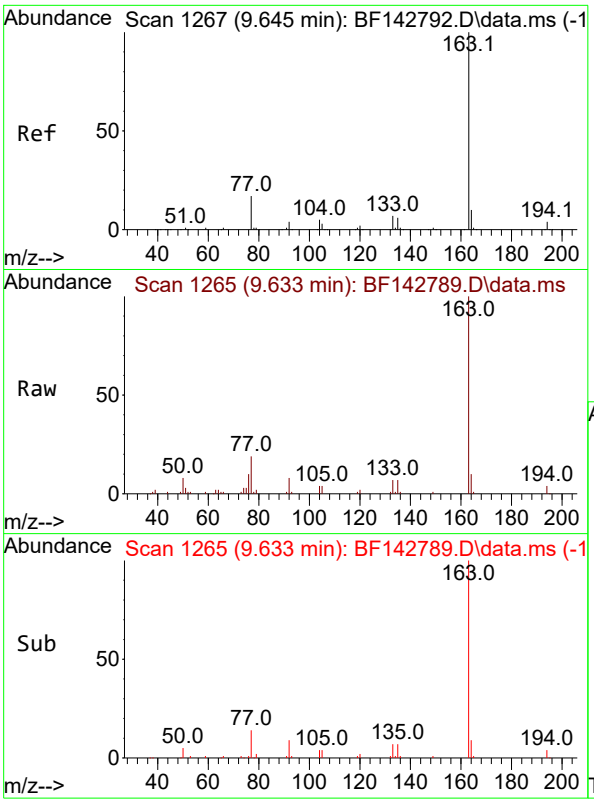


#49
Acenaphthylene
Concen: 5.477 ng
RT: 9.781 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:152 Resp: 85856

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	12.8	10.4	15.6



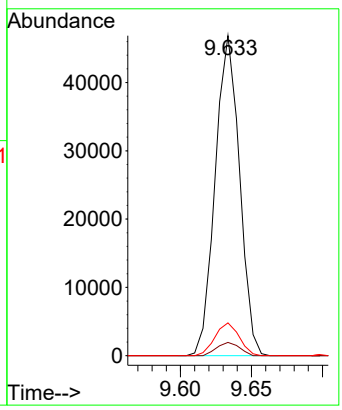


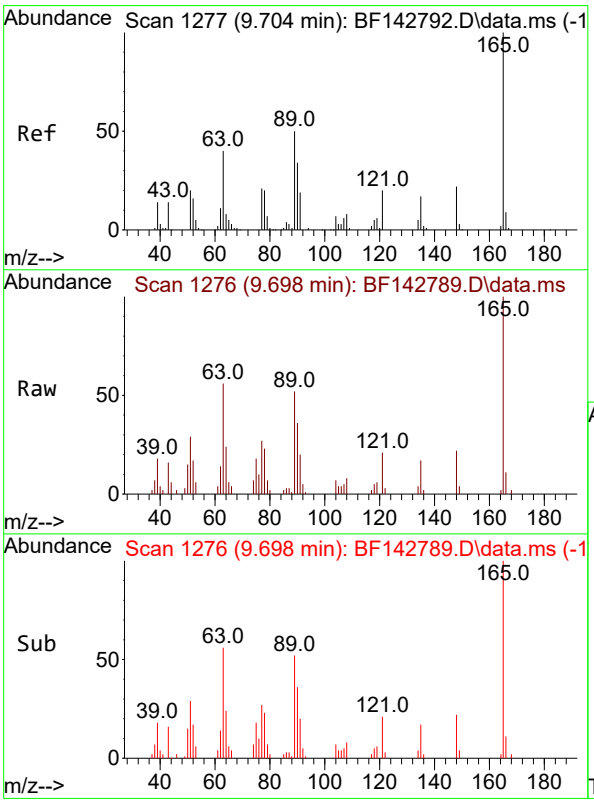
#50
Dimethylphthalate
Concen: 5.170 ng
RT: 9.633 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 55804

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.0	12.0

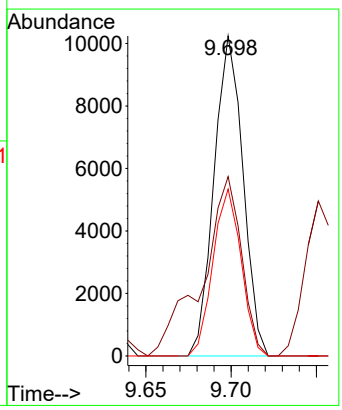


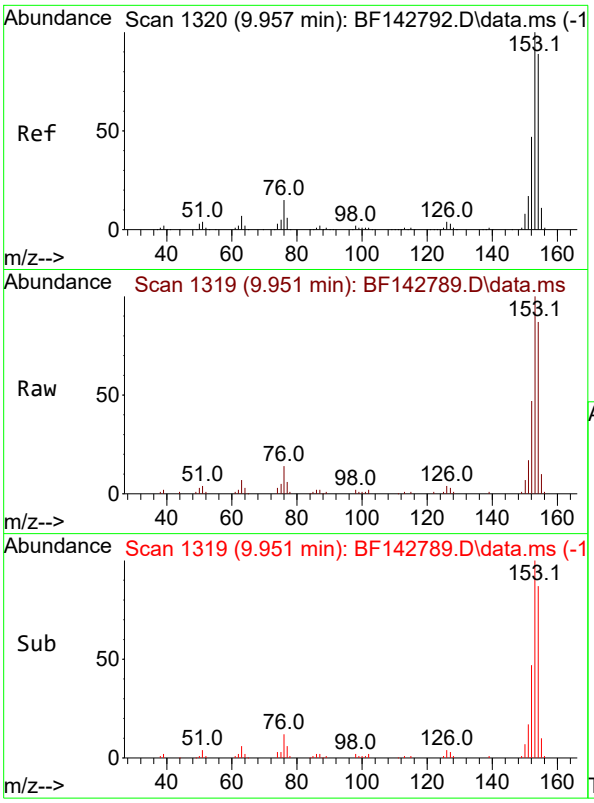


#51
2,6-Dinitrotoluene
Concen: 5.163 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:165 Resp: 12080

Ion	Ratio	Lower	Upper
165	100		
63	56.1	44.2	66.4
89	52.1	39.8	59.8



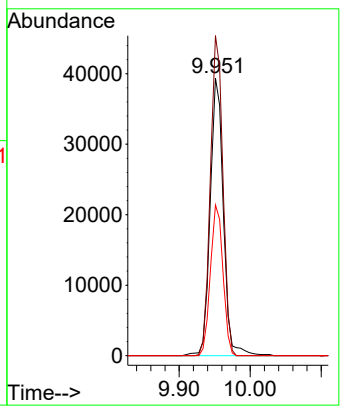


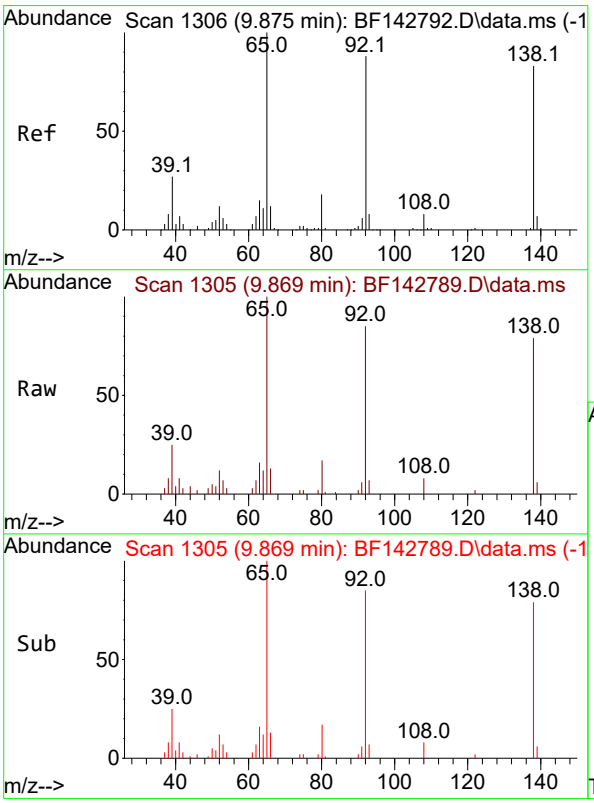
#52
Acenaphthene
Concen: 5.230 ng
RT: 9.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 50726

Ion	Ratio	Lower	Upper
154	100		
153	115.3	90.0	135.0
152	54.3	41.9	62.9

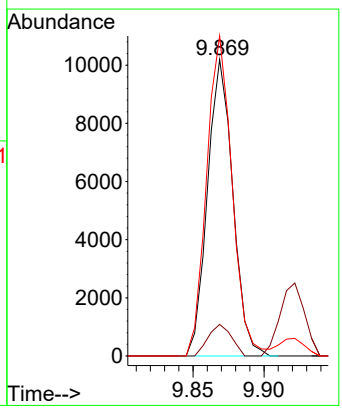


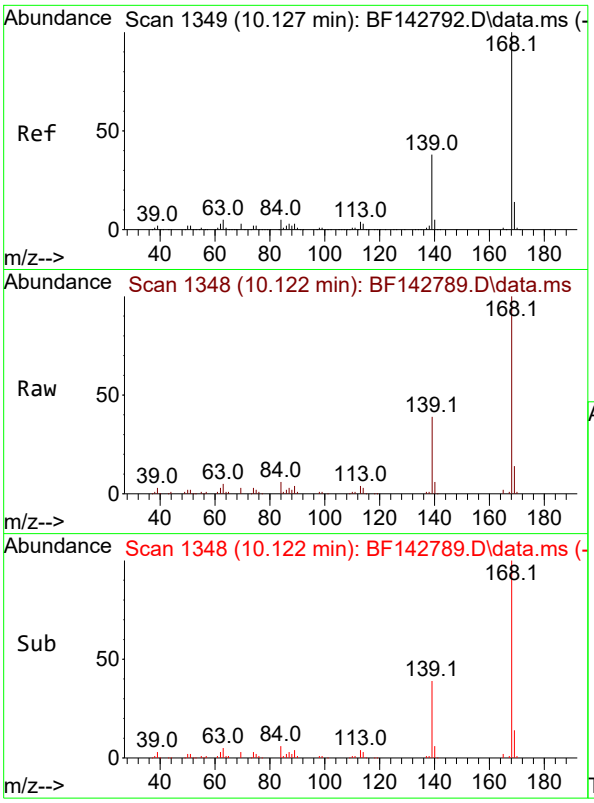


#53
3-Nitroaniline
Concen: 4.984 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:138 Resp: 12667

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.1	12.1
92	108.0	85.1	127.7



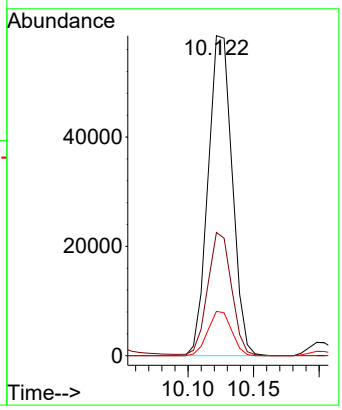


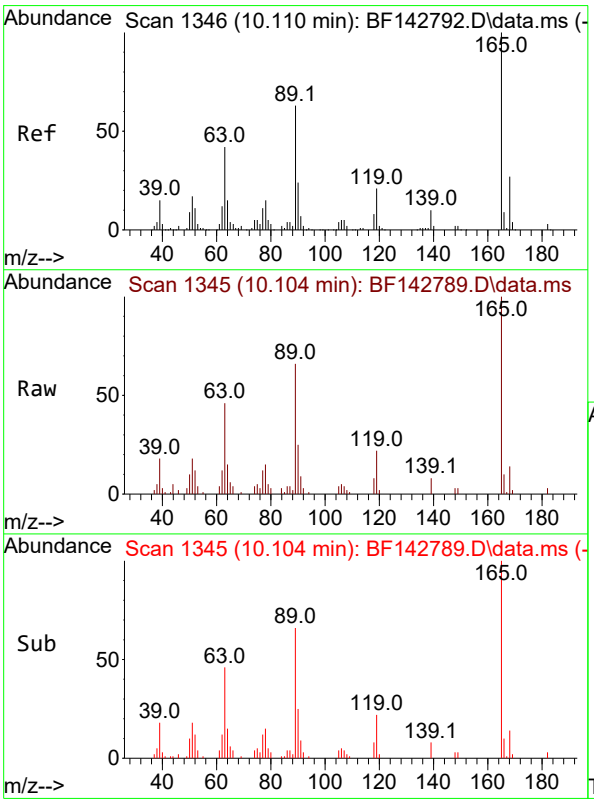
#55
Dibenzofuran
Concen: 5.420 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 74998

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.2	45.4
169	13.8	10.8	16.2

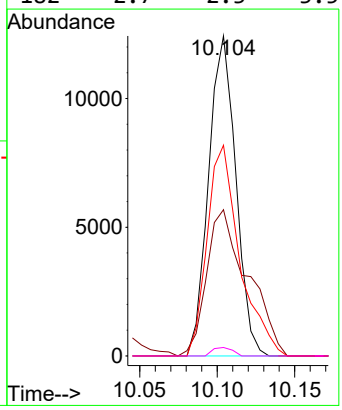


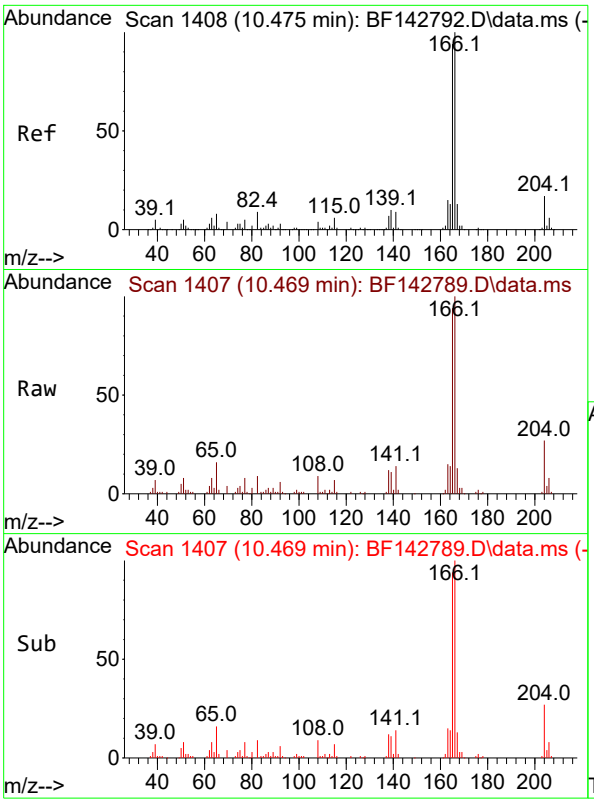


#57
2,4-Dinitrotoluene
Concen: 4.904 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:165 Resp: 15173

Ion	Ratio	Lower	Upper
165	100		
63	45.7	33.9	50.9
89	65.9	50.6	75.8
182	2.7	2.3	3.5



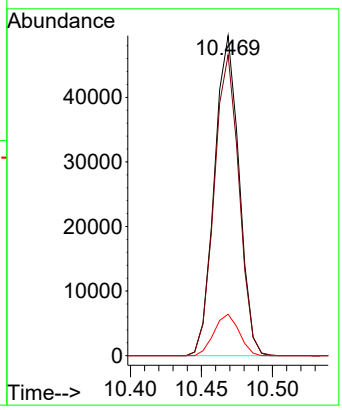


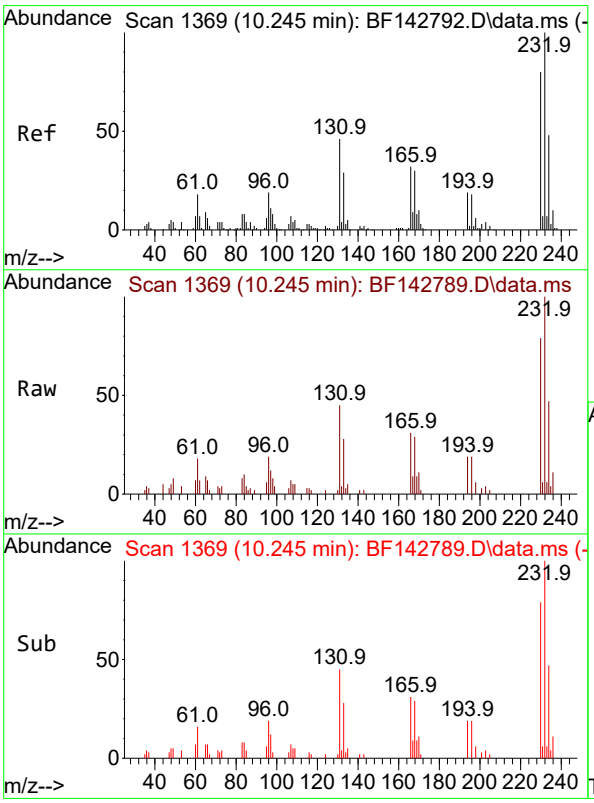
#58
Fluorene
Concen: 5.453 ng
RT: 10.469 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 59558

Ion	Ratio	Lower	Upper
166	100		
165	94.0	75.2	112.8
167	13.0	10.6	15.8

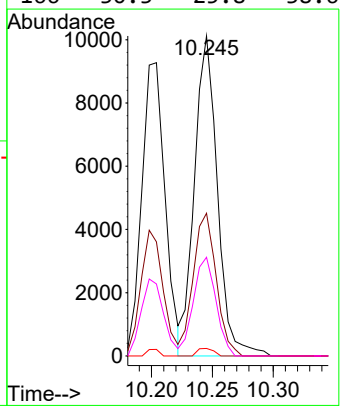


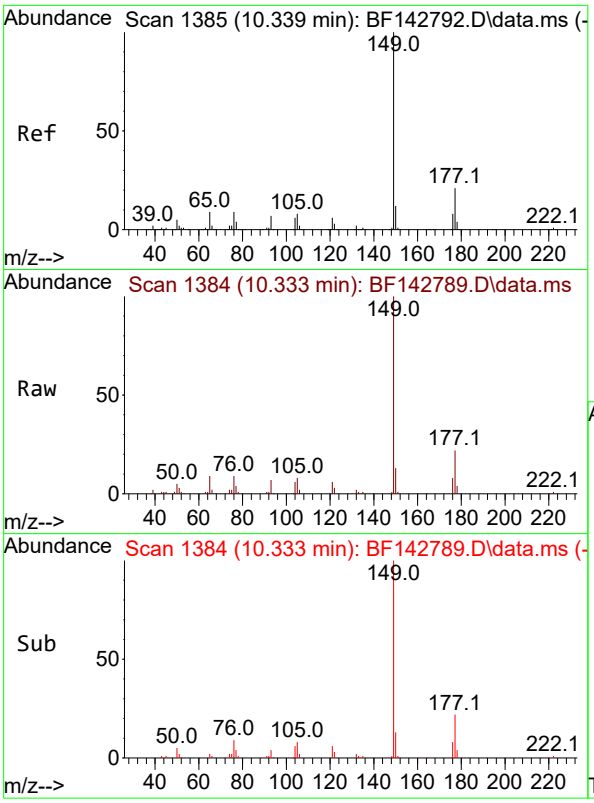


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.827 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:232 Resp: 13285

Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.6	56.4
130	1.7	1.7	2.5#
166	30.3	25.8	38.6



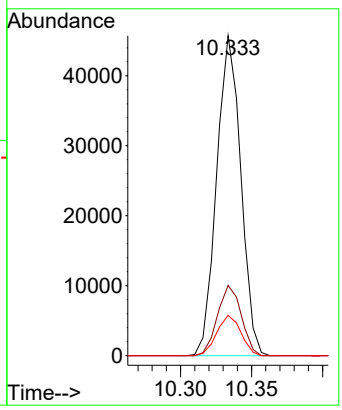


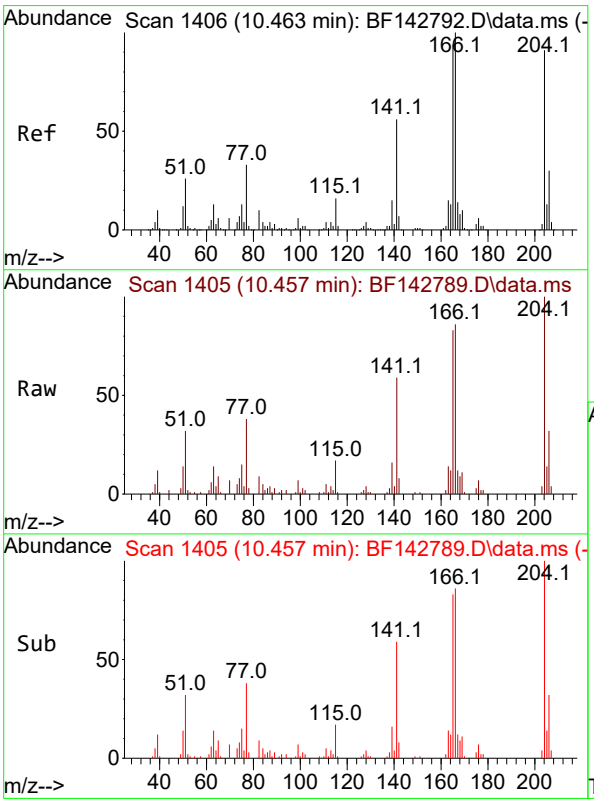
#60
Diethylphthalate
Concen: 5.040 ng
RT: 10.333 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 54038

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.6
150	12.6	9.8	14.6

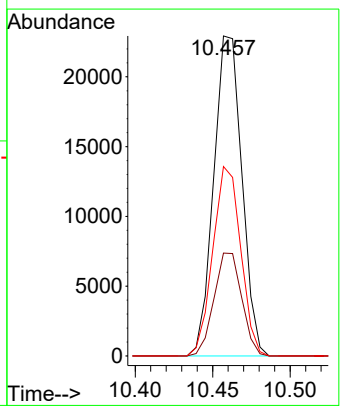


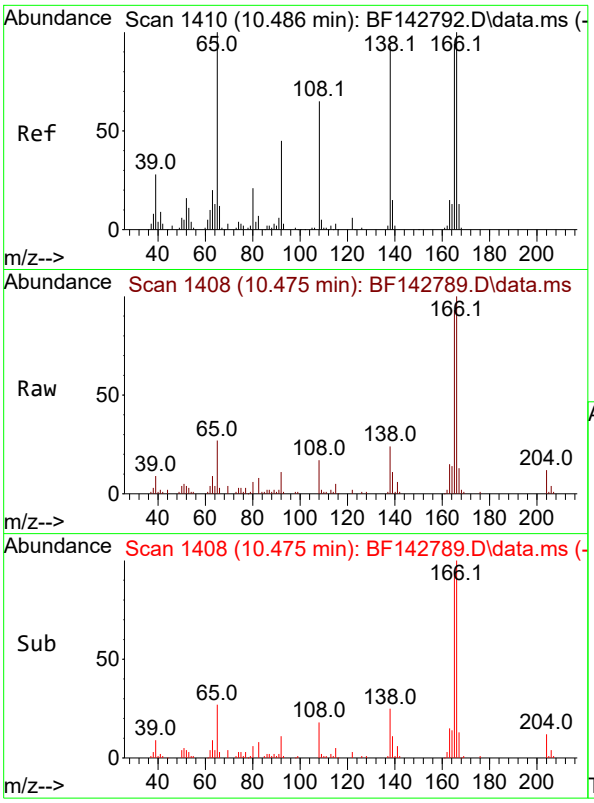


#61
4-Chlorophenyl-phenylether
Concen: 5.469 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:204 Resp: 29011

Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.3	39.5
141	59.2	49.1	73.7



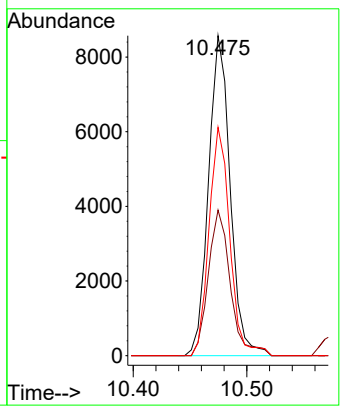


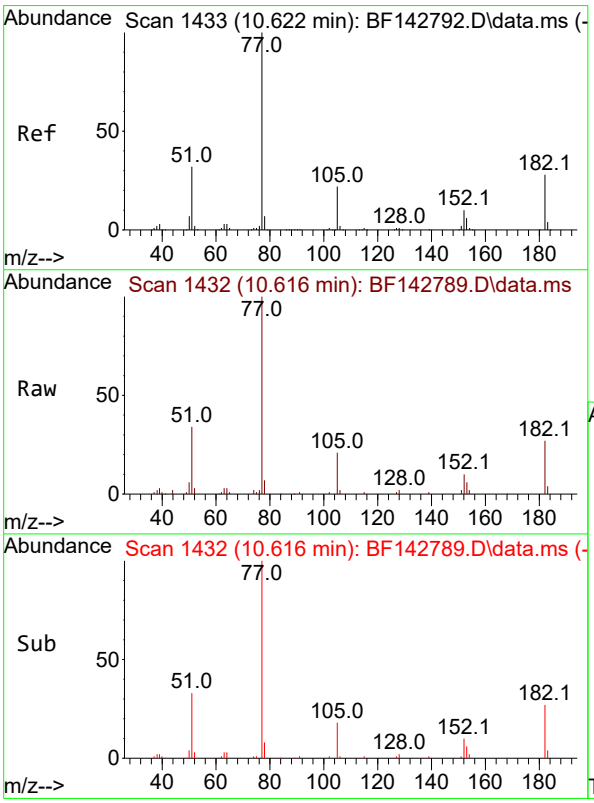
#62
4-Nitroaniline
Concen: 4.971 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 11342

Ion	Ratio	Lower	Upper
138	100		
92	45.5	28.4	68.4
108	71.3	50.2	90.2

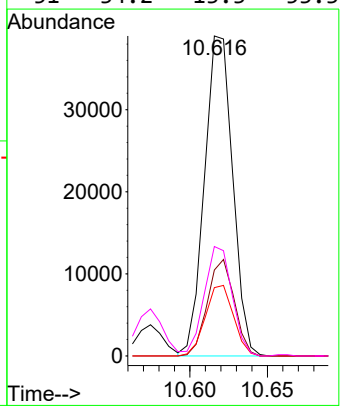


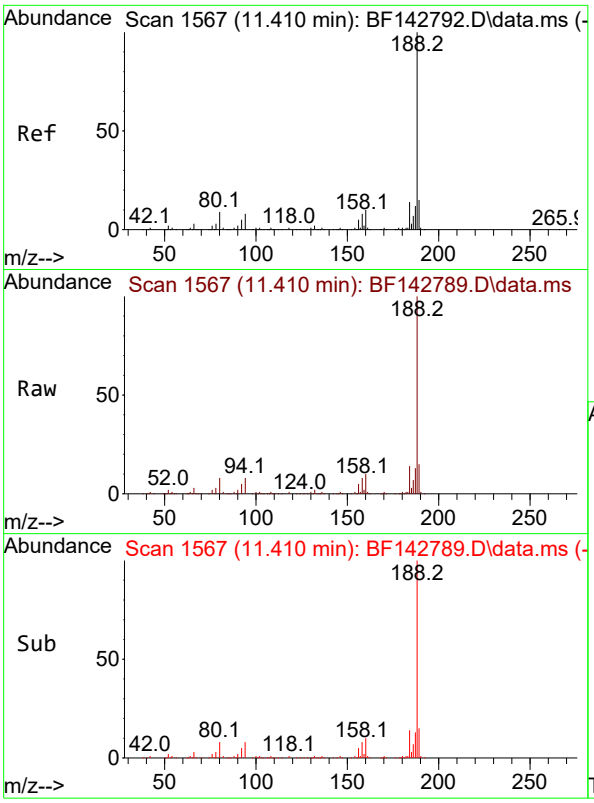


#63
Azobenzene
Concen: 5.276 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion: 77 Resp: 49436

Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.7	47.7
105	21.4	1.9	41.9
51	34.2	13.3	53.3



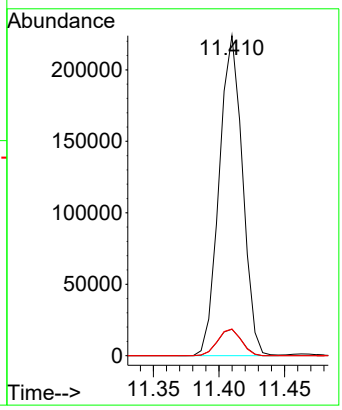


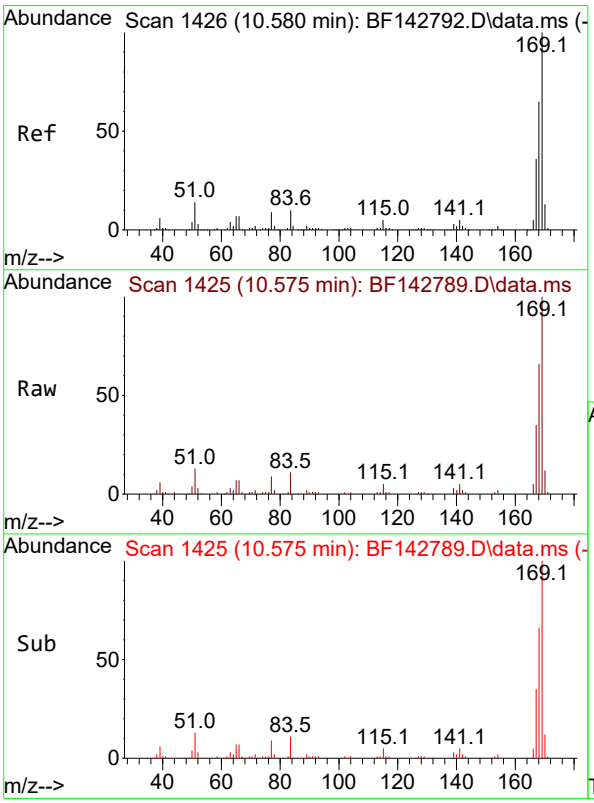
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 277233

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.3	6.9	10.3

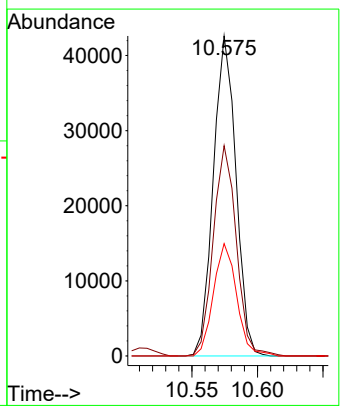


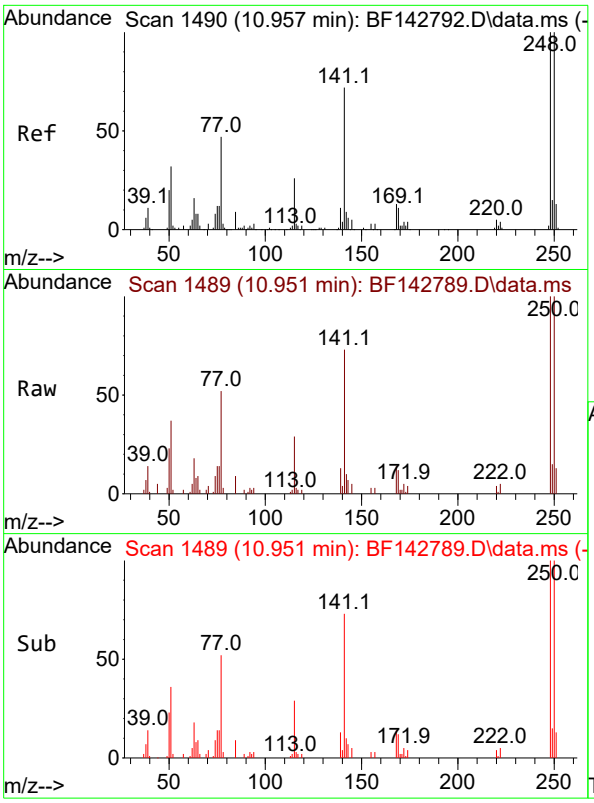


#66
n-Nitrosodiphenylamine
Concen: 5.356 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:169 Resp: 51021

Ion	Ratio	Lower	Upper
169	100		
168	65.7	51.9	77.9
167	35.1	28.5	42.7



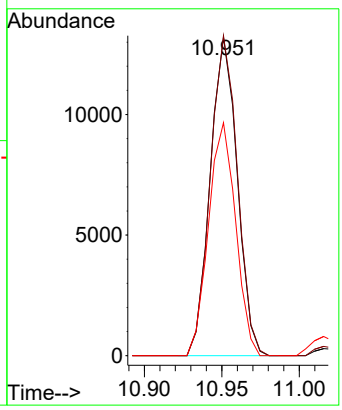


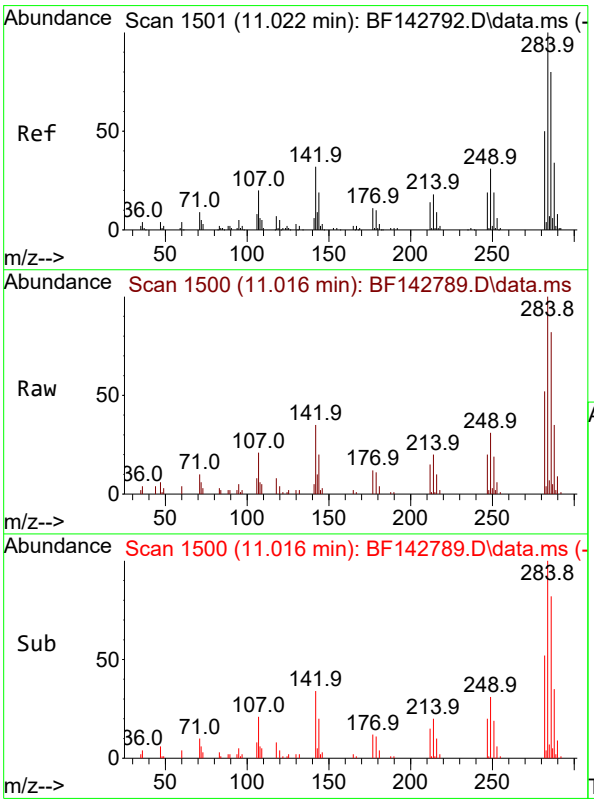
#67
4-Bromophenyl-phenylether
Concen: 4.927 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 15996

Ion	Ratio	Lower	Upper
248	100		
250	100.4	79.8	119.8
141	73.1	57.8	86.6

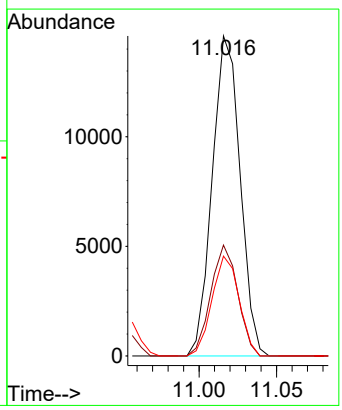


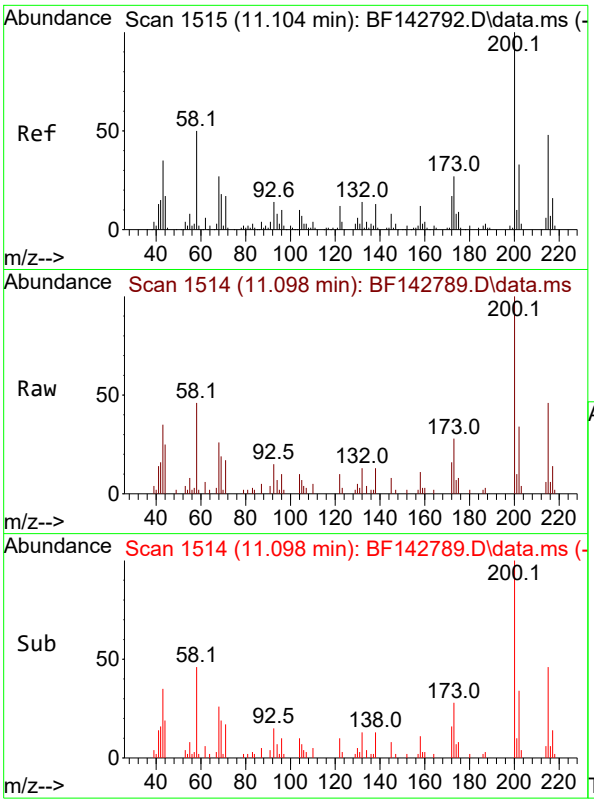


#68
Hexachlorobenzene
Concen: 5.059 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:284 Resp: 18237

Ion	Ratio	Lower	Upper
284	100		
142	34.6	25.5	38.3
249	31.2	24.9	37.3



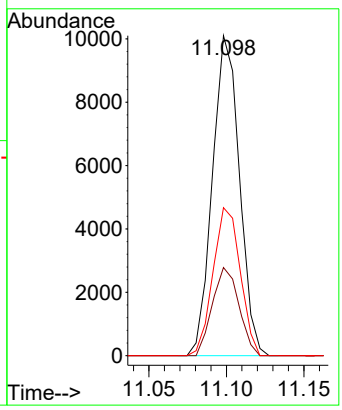


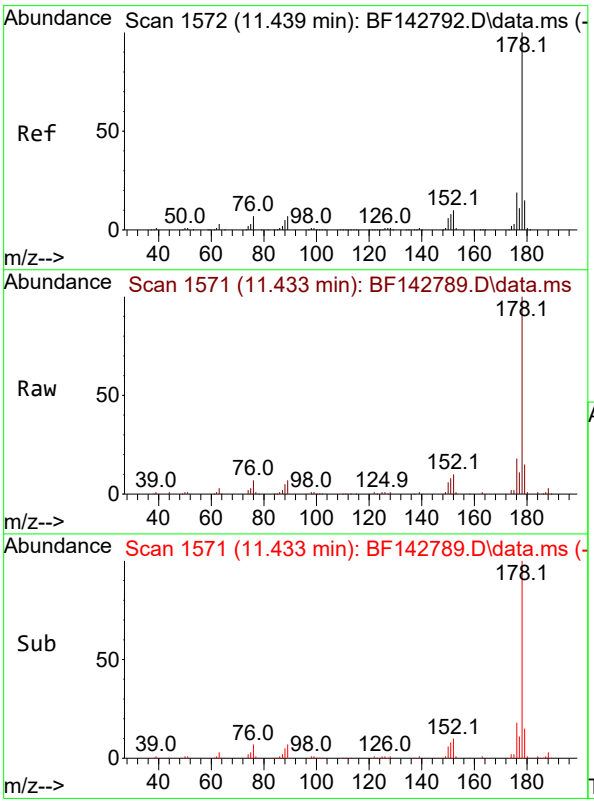
#69
Atrazine
Concen: 4.832 ng
RT: 11.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 12221

Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.4	47.4
215	46.2	28.4	68.4

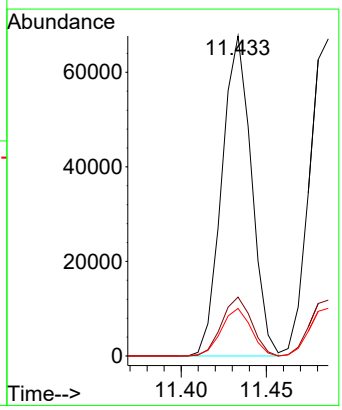


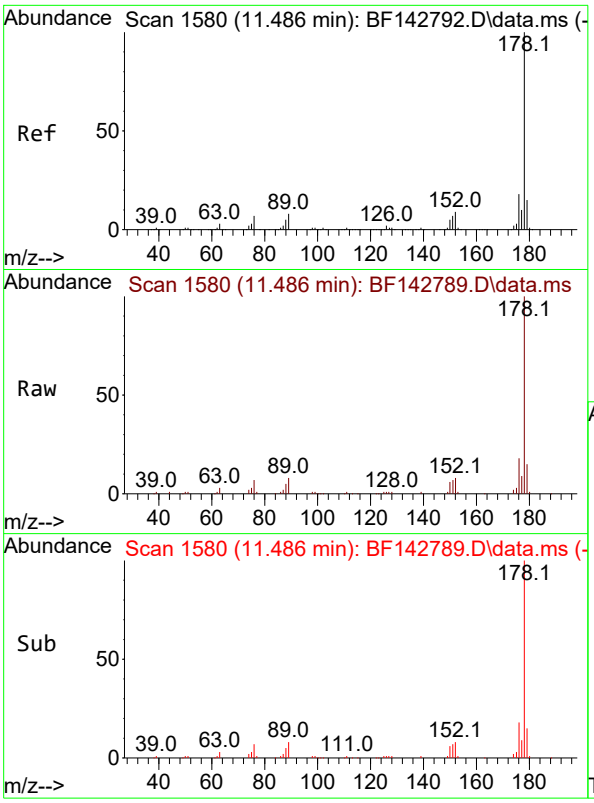


#71
Phenanthrene
Concen: 5.522 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:178 Resp: 81962

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	14.8	12.0	18.0



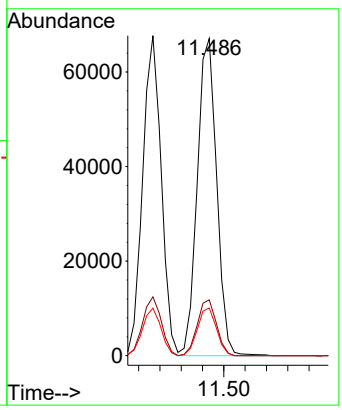


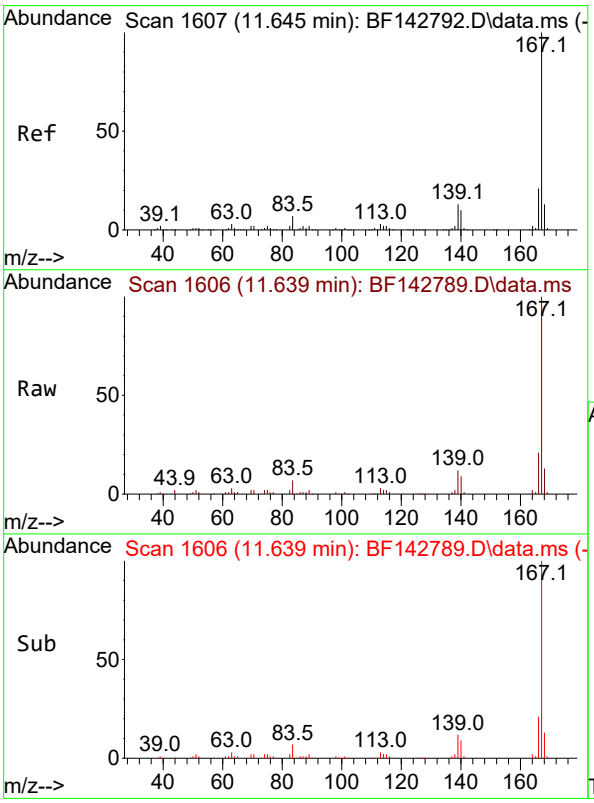
#72
Anthracene
Concen: 5.529 ng
RT: 11.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 84944

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	21.8
179	15.1	12.4	18.6

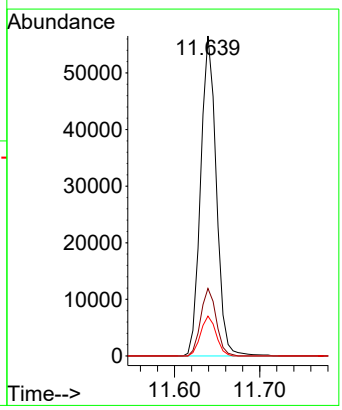


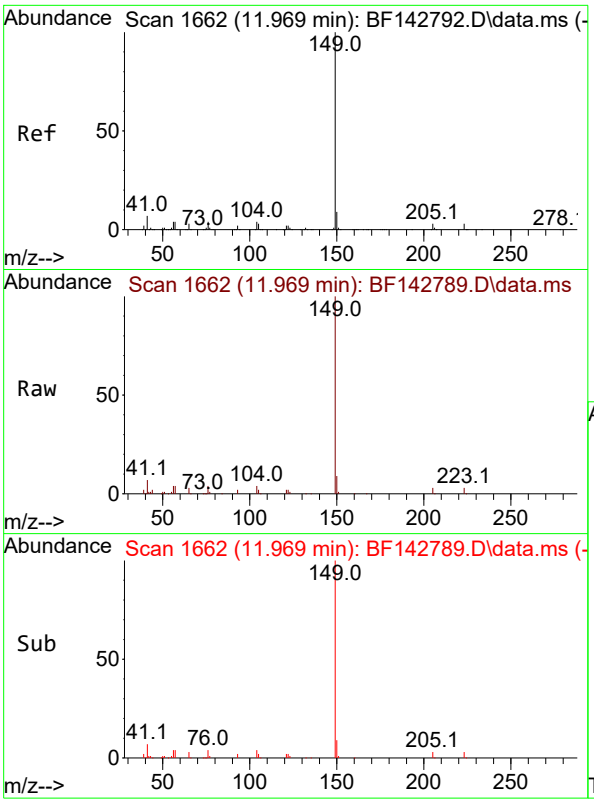


#73
Carbazole
Concen: 5.601 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:167 Resp: 72067

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.4
139	12.5	10.2	15.2



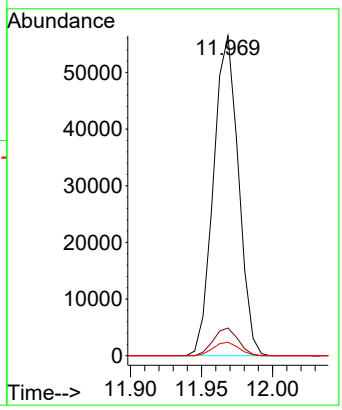


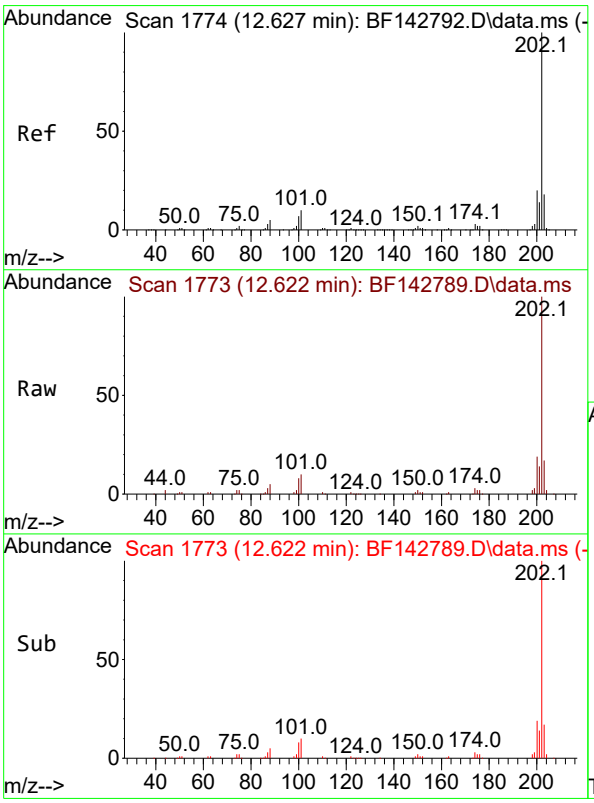
#74
Di-n-butylphthalate
Concen: 4.850 ng
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 69083

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.0
104	4.2	3.5	5.3

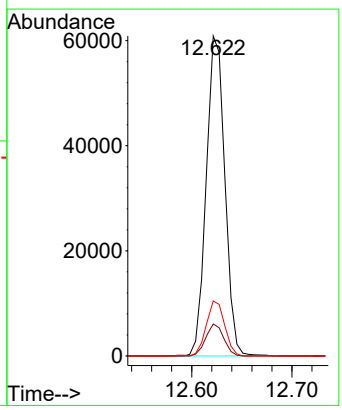


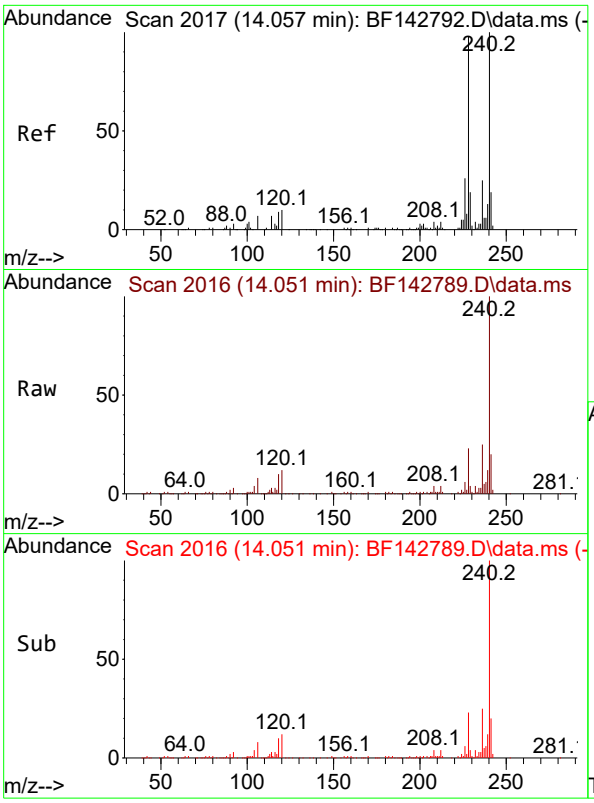


#75
Fluoranthene
Concen: 5.582 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:202 Resp: 78721

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.7
203	17.2	0.0	37.5



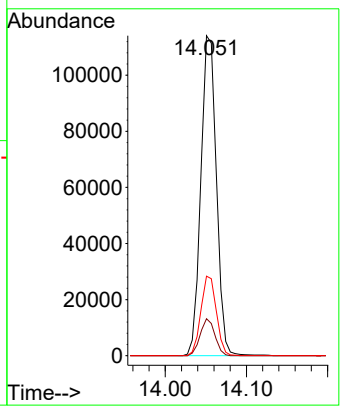


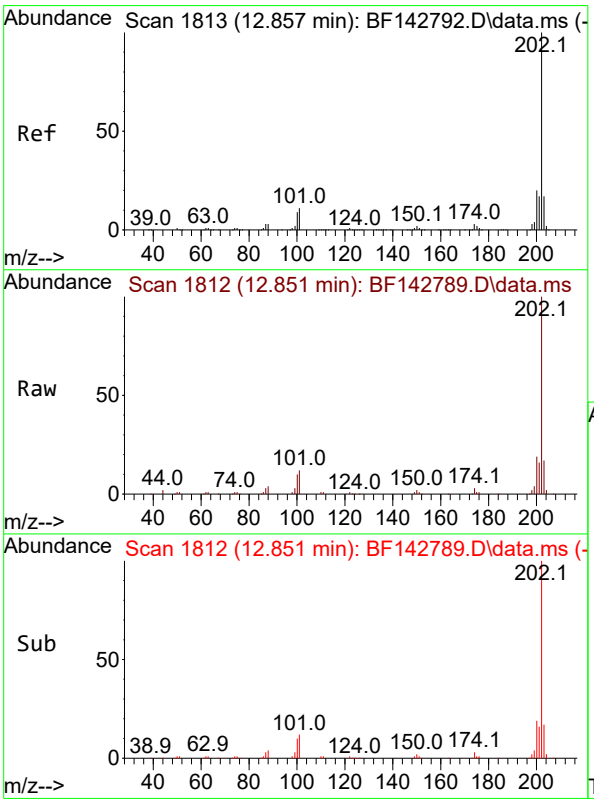
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 151689

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.2	12.2
236	24.9	19.8	29.8

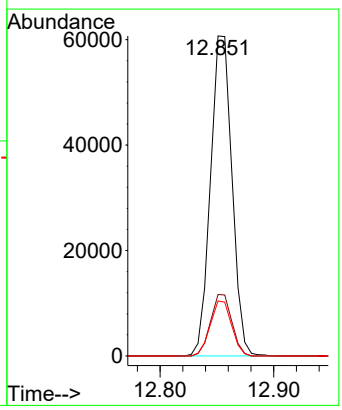


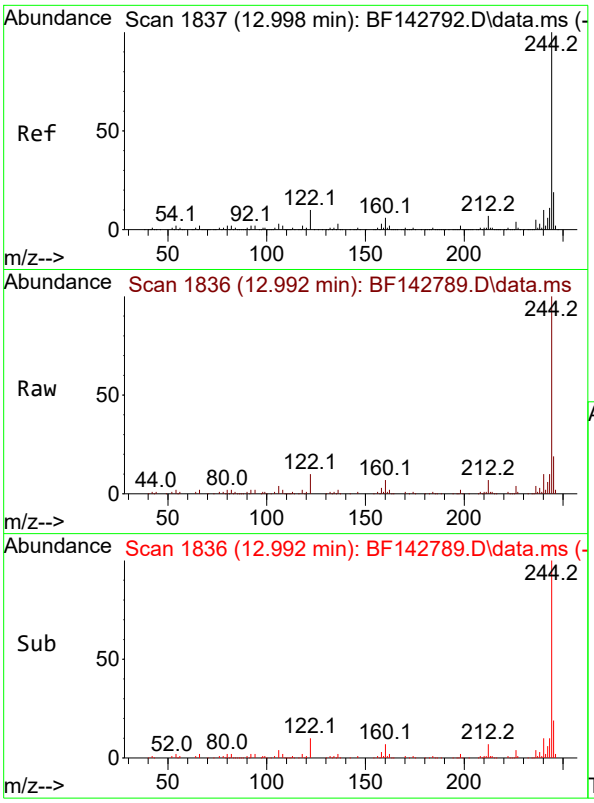


#78
Pyrene
Concen: 5.739 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:202 Resp: 80026

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.7	23.5
203	17.2	13.8	20.6



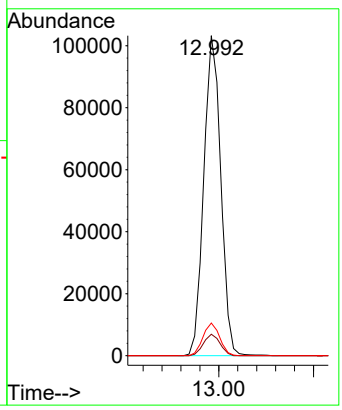


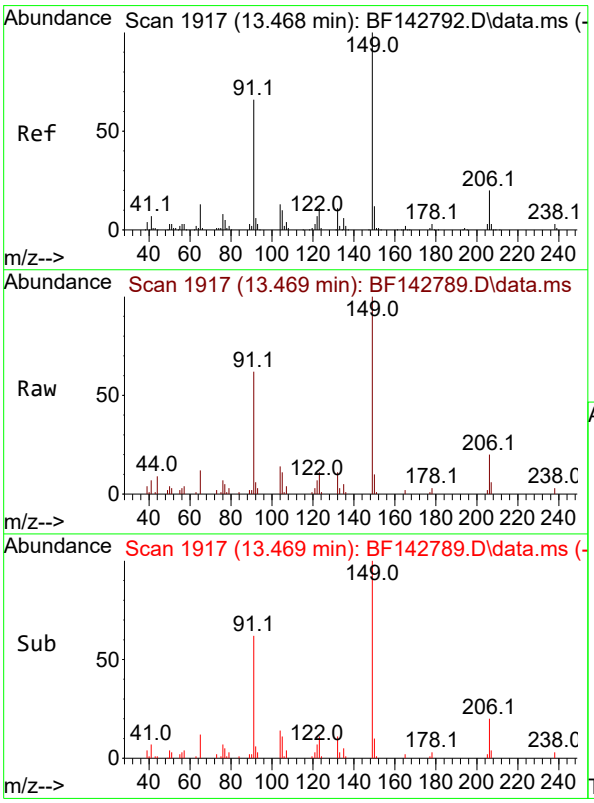
#79
Terphenyl-d14
Concen: 11.771 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 128289

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.2	8.2	12.2

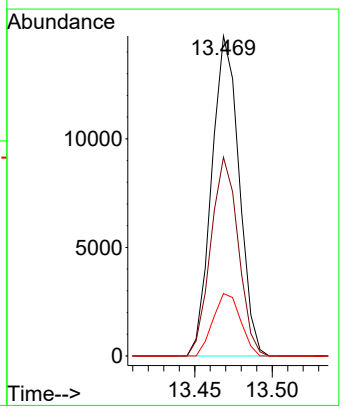


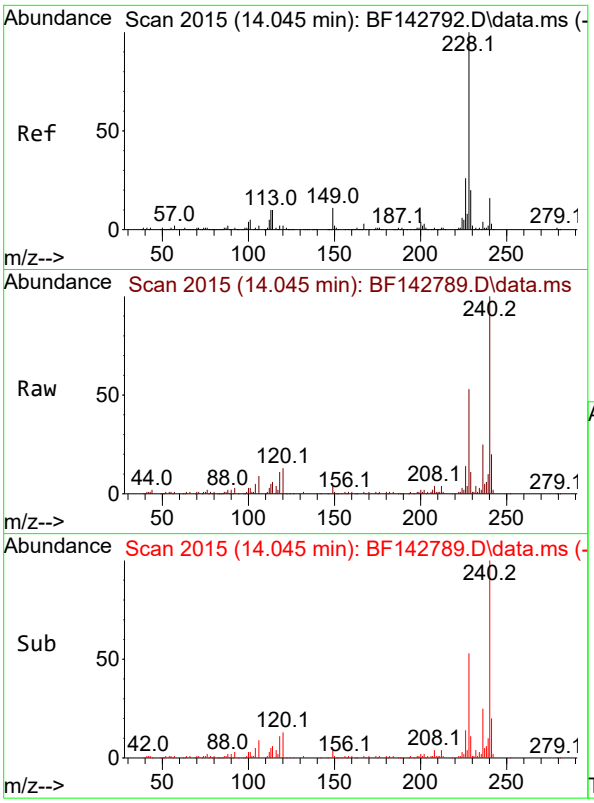


#80
Butylbenzylphthalate
Concen: 4.383 ng
RT: 13.469 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:149 Resp: 18113

Ion	Ratio	Lower	Upper
149	100		
91	62.1	52.9	79.3
206	19.5	16.3	24.5



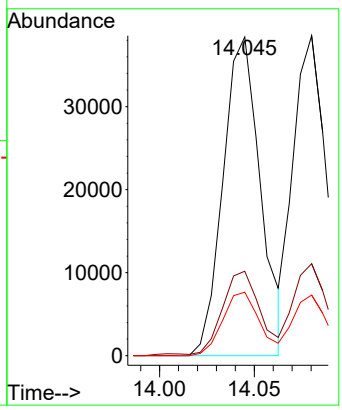


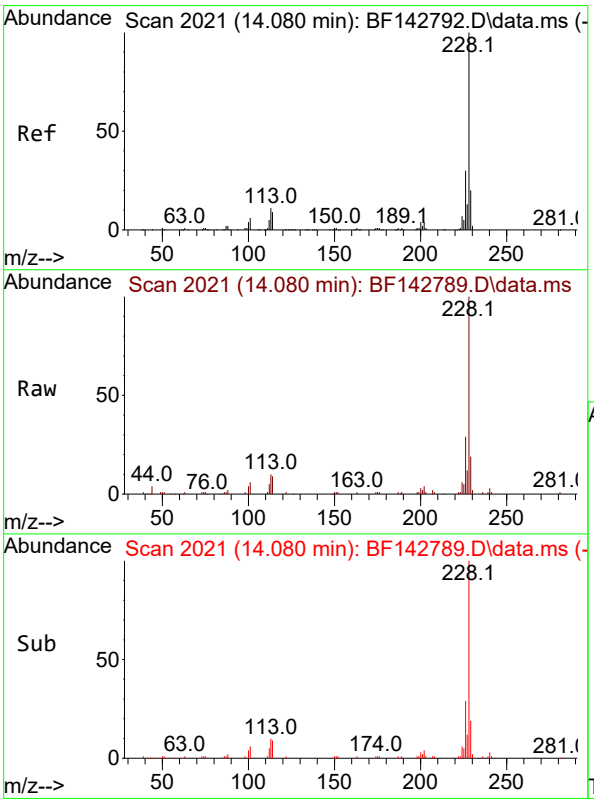
#81
Benzo(a)anthracene
Concen: 5.300 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 52785

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	19.9	15.6	23.4

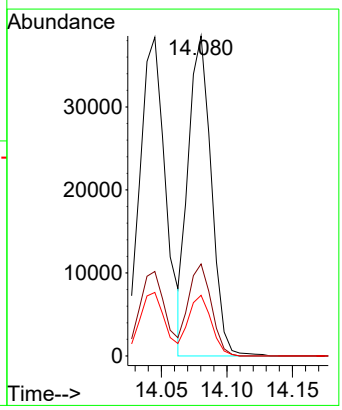


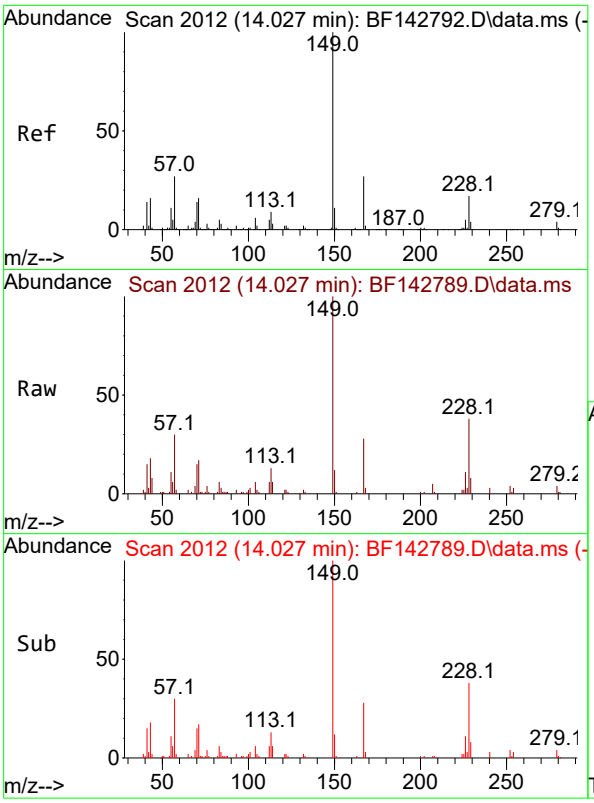


#83
Chrysene
Concen: 5.084 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:228 Resp: 47142

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.7	35.5
229	18.9	15.7	23.5



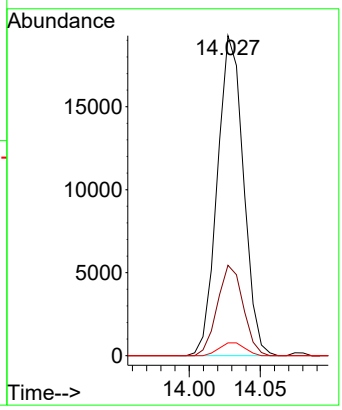


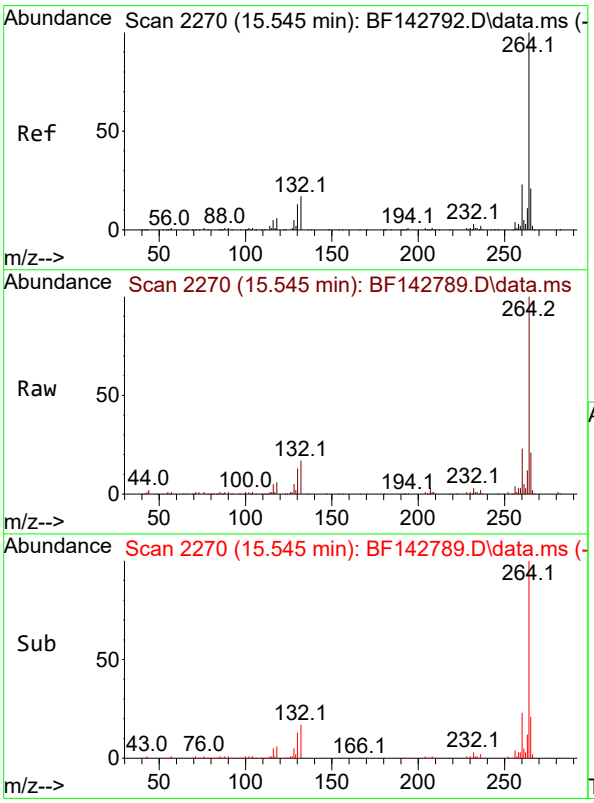
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.002 ng
RT: 14.027 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 24641

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.4	32.0
279	4.0	3.0	4.6

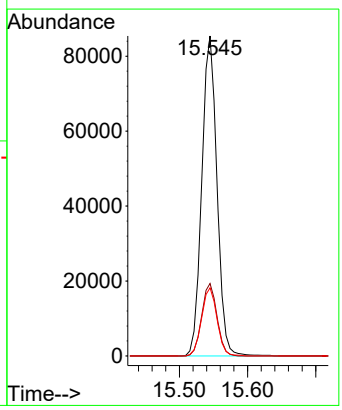


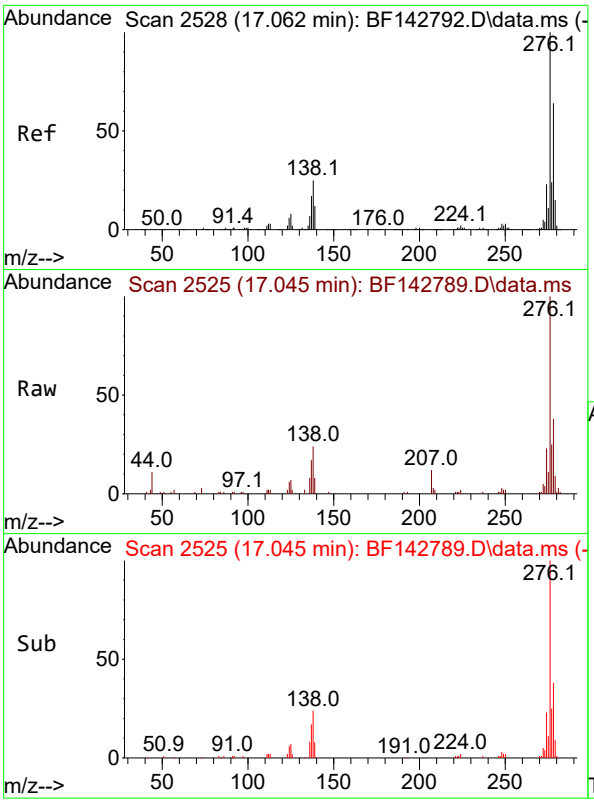


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:264 Resp: 132284

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.1	27.1
265	21.3	16.6	25.0



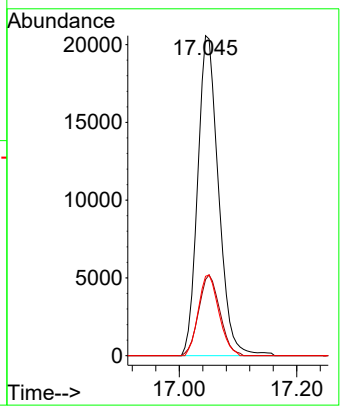


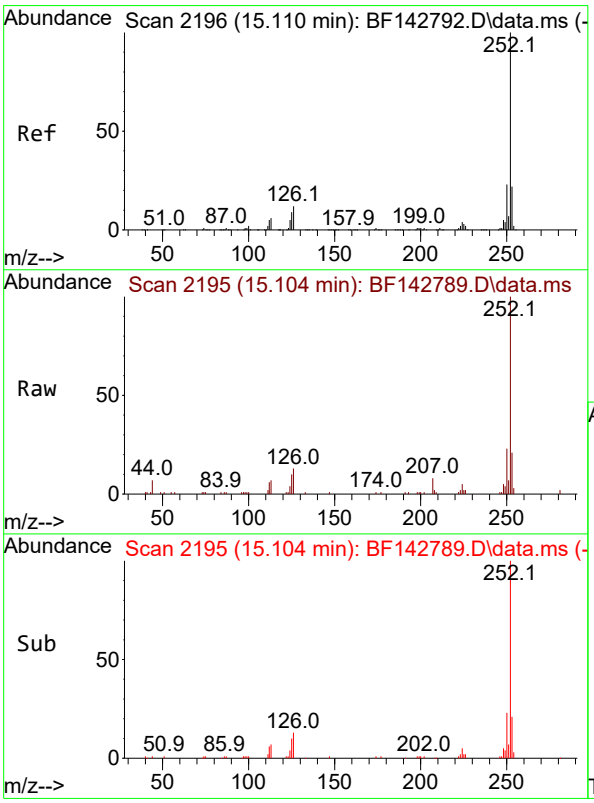
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.168 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 50546

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.2	30.4
277	24.9	19.8	29.6

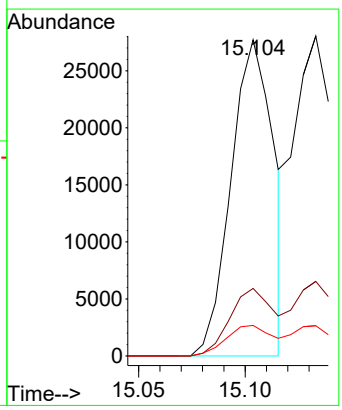


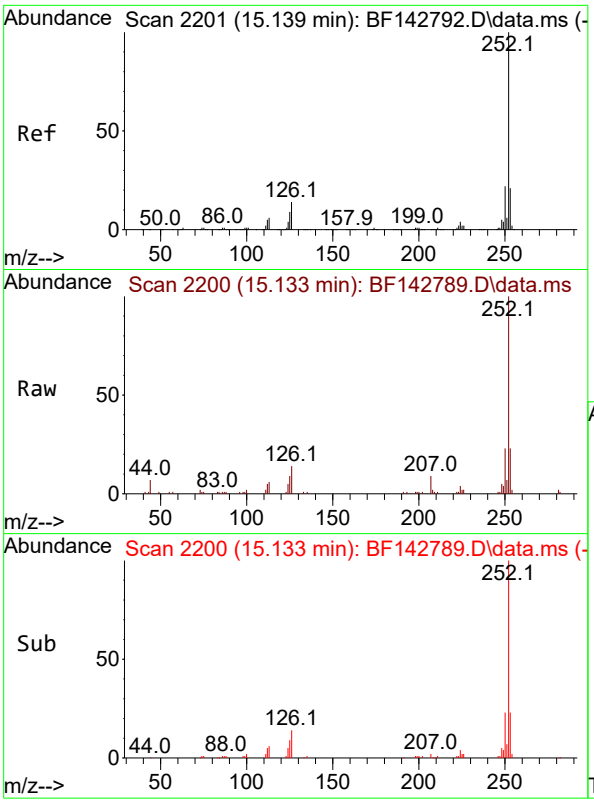


#88
Benzo(b)fluoranthene
Concen: 4.996 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:252 Resp: 38493

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	9.7	7.4	11.0



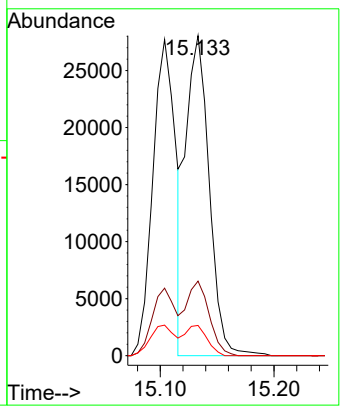


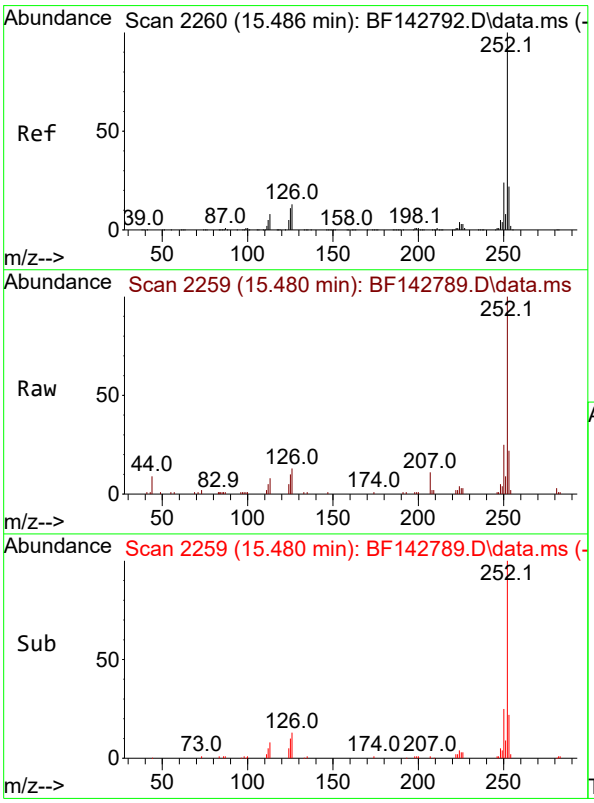
#89
Benzo(k)fluoranthene
Concen: 5.302 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 39874

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	9.4	7.4	11.2

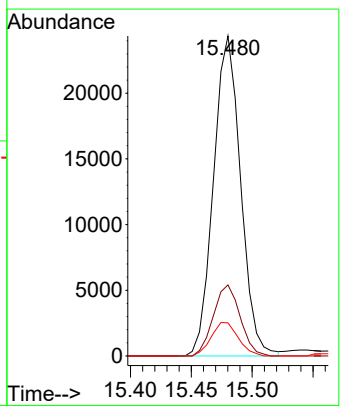


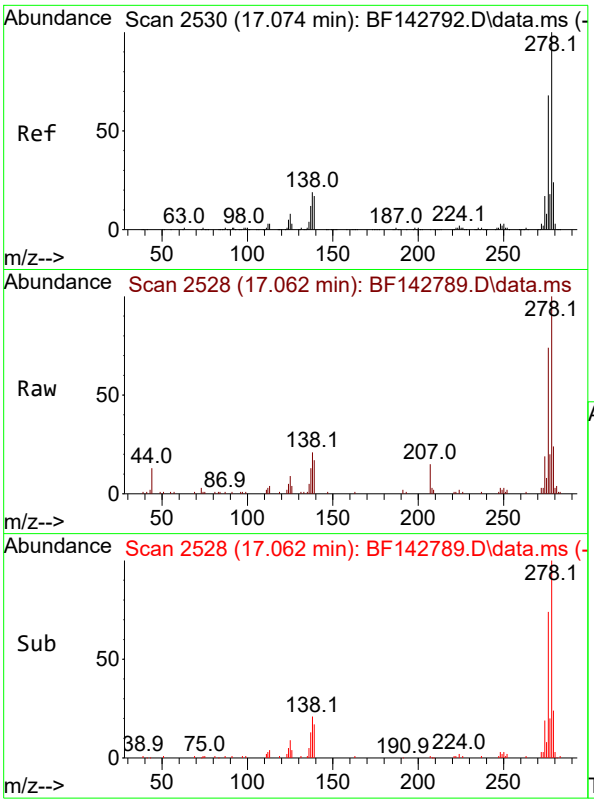


#90
Benzo(a)pyrene
Concen: 5.124 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:252 Resp: 37779

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.3	8.6	12.8



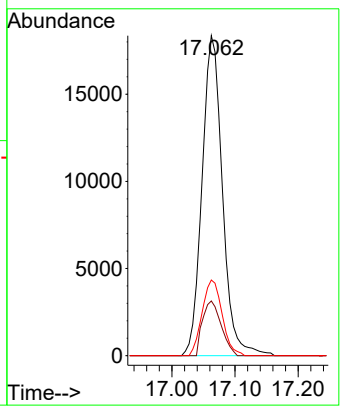


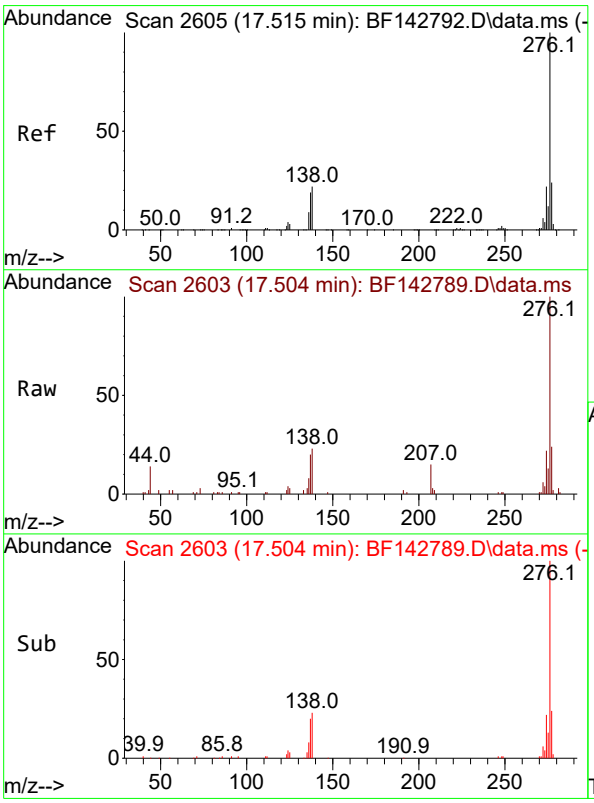
#91
Dibenzo(a,h)anthracene
Concen: 5.194 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 41301

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.5	20.3
279	23.6	18.8	28.2

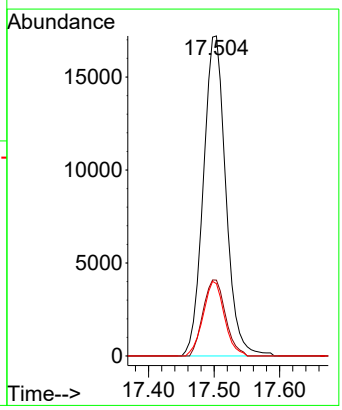




#92
Benzo(g,h,i)perylene
Concen: 5.165 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:276 Resp: 40975

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	22.6	17.6	26.4



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142790.D
Acq On : 19 Jun 2025 18:08
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jun 20 04:38:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	76918	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	299903	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	158336	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	273084	20.000	ng	0.00
76) Chrysene-d12	14.057	240	152374	20.000	ng	0.00
86) Perylene-d12	15.545	264	140417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	94601	20.977	ng	0.00
7) Phenol-d6	6.504	99	113910	21.510	ng	0.00
23) Nitrobenzene-d5	7.440	82	108508	19.832	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	32767	19.042	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	259052	21.765	ng	0.00
79) Terphenyl-d14	12.992	244	237037	21.651	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	19183	10.712	ng	98
3) Pyridine	3.416	79	45966	10.252	ng	98
4) n-Nitrosodimethylamine	3.346	42	23459	10.216	ng	99
6) Aniline	6.540	93	74779	10.537	ng	100
8) 2-Chlorophenol	6.663	128	50128	10.208	ng	99
9) Benzaldehyde	6.428	77	37993	11.768	ng	98
10) Phenol	6.516	94	63585	10.769	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	43585	9.950	ng	99
12) 1,3-Dichlorobenzene	6.822	146	57659	10.312	ng	97
13) 1,4-Dichlorobenzene	6.898	146	57522	10.149	ng	99
14) 1,2-Dichlorobenzene	7.051	146	54672	10.091	ng	99
15) Benzyl Alcohol	7.016	79	39348	9.927	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	71897	10.417	ng	99
17) 2-Methylphenol	7.128	107	38357	10.217	ng	98
18) Hexachloroethane	7.393	117	20035	9.889	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	32293	9.670	ng	98
20) 3+4-Methylphenols	7.281	107	49675	10.513	ng	91
22) Acetophenone	7.287	105	67666	10.197	ng	98
24) Nitrobenzene	7.457	77	48789	10.034	ng	99
25) Isophorone	7.698	82	87205	9.504	ng	99
26) 2-Nitrophenol	7.781	139	25734	9.498	ng	99
27) 2,4-Dimethylphenol	7.810	122	46454	10.071	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	55907	9.788	ng	100
29) 2,4-Dichlorophenol	8.022	162	41925	9.861	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	47419	10.097	ng	99
31) Naphthalene	8.187	128	150265	10.188	ng	100
32) Benzoic acid	7.887	122	17708	6.919	ng	90
33) 4-Chloroaniline	8.234	127	61190	10.352	ng	98
34) Hexachlorobutadiene	8.304	225	28192	9.473	ng	100
35) Caprolactam	8.569	113	10933	9.557	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	41204	9.382	ng	98
37) 2-Methylnaphthalene	8.875	142	93078	10.003	ng	98
38) 1-Methylnaphthalene	8.975	142	96673	10.007	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	48175	10.540	ng	98
41) Hexachlorocyclopentadiene	9.028	237	18602	6.436	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	30118	10.182	ng	96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142790.D
Acq On : 19 Jun 2025 18:08
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jun 20 04:38:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

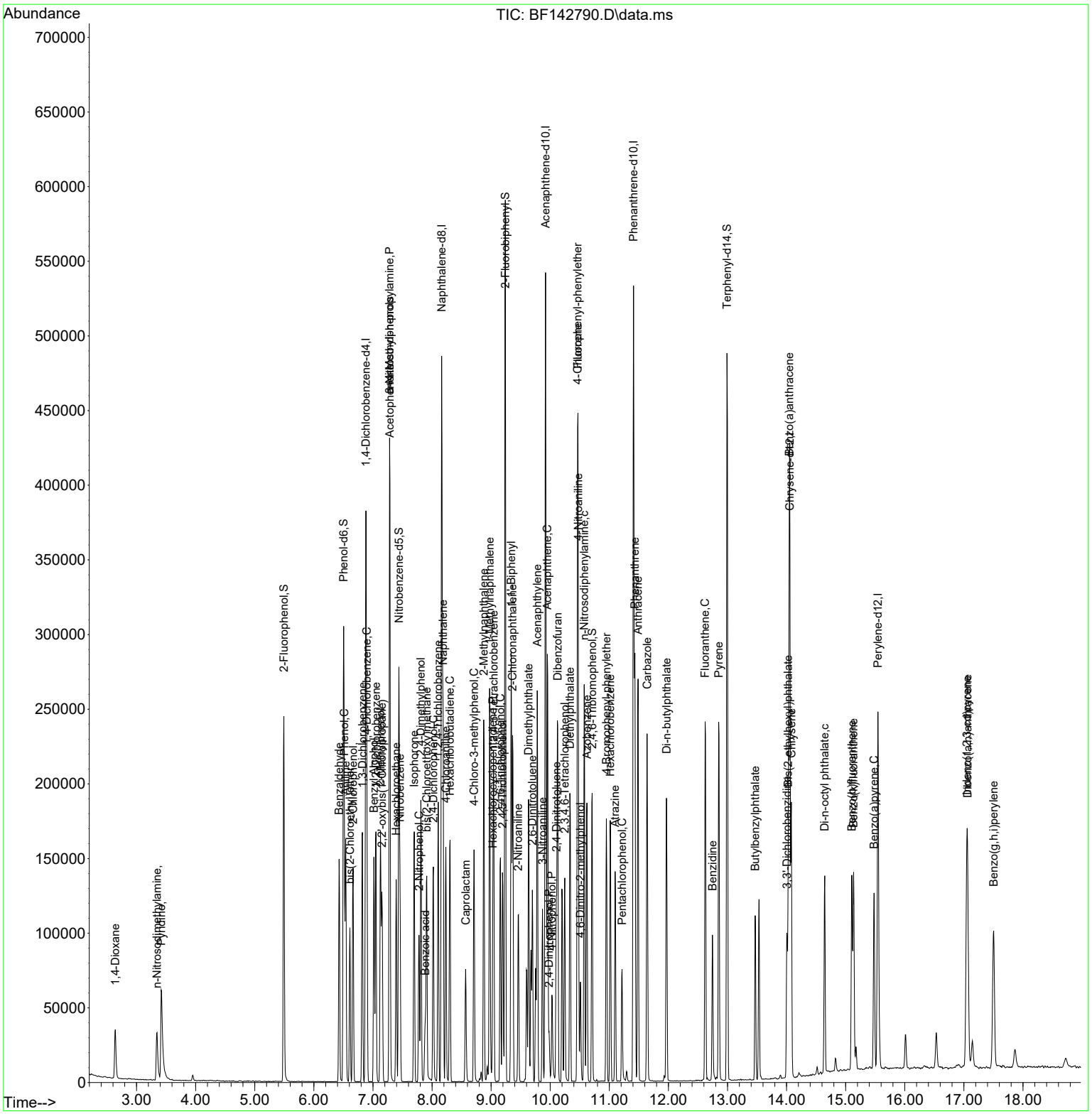
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	31900	9.987	ng	99
46) 1,1'-Biphenyl	9.339	154	127911	10.404	ng	98
47) 2-Chloronaphthalene	9.363	162	95194	10.493	ng	100
48) 2-Nitroaniline	9.457	65	26075	10.117	ng	98
49) Acenaphthylene	9.781	152	158842	10.415	ng	99
50) Dimethylphthalate	9.634	163	105636	10.058	ng	99
51) 2,6-Dinitrotoluene	9.698	165	22116	9.714	ng	97
52) Acenaphthene	9.951	154	94961	10.062	ng	98
53) 3-Nitroaniline	9.869	138	24651	9.968	ng	98
54) 2,4-Dinitrophenol	9.981	184	7521	6.104	ng	97
55) Dibenzofuran	10.128	168	140256	10.416	ng	97
56) 4-Nitrophenol	10.028	139	14986	8.927	ng	94
57) 2,4-Dinitrotoluene	10.104	165	29934	9.943	ng	99
58) Fluorene	10.469	166	111772	10.518	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	25885	9.666	ng	96
60) Diethylphthalate	10.334	149	103048	9.877	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	51958	10.067	ng	96
62) 4-Nitroaniline	10.475	138	21876	9.854	ng	98
63) Azobenzene	10.622	77	90965	9.977	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	13545	7.982	ng	91
66) n-Nitrosodiphenylamine	10.575	169	93632	9.978	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	30145	9.425	ng	97
68) Hexachlorobenzene	11.016	284	33838	9.530	ng	98
69) Atrazine	11.098	200	23423	9.401	ng	98
70) Pentachlorophenol	11.216	266	13894	7.534	ng	96
71) Phenanthrene	11.433	178	151997	10.396	ng	100
72) Anthracene	11.486	178	153376	10.135	ng	99
73) Carbazole	11.639	167	134656	10.625	ng	99
74) Di-n-butylphthalate	11.969	149	137293	9.784	ng	99
75) Fluoranthene	12.622	202	148540	10.693	ng	98
77) Benzidine	12.745	184	56769	10.524	ng	98
78) Pyrene	12.851	202	147819	10.553	ng	100
80) Butylbenzylphthalate	13.469	149	35843	8.635	ng	100
81) Benzo(a)anthracene	14.045	228	103495	10.345	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	30349	9.368	ng	99
83) Chrysene	14.080	228	90725	9.741	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	51432	8.316	ng	99
85) Di-n-octyl phthalate	14.645	149	91989	7.805	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	104445	10.061	ng	100
88) Benzo(b)fluoranthene	15.104	252	85689	10.478	ng	99
89) Benzo(k)fluoranthene	15.133	252	70470	8.828	ng	99
90) Benzo(a)pyrene	15.480	252	74803	9.558	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	85238	10.099	ng	99
92) Benzo(g,h,i)perylene	17.504	276	84115	9.989	ng	98

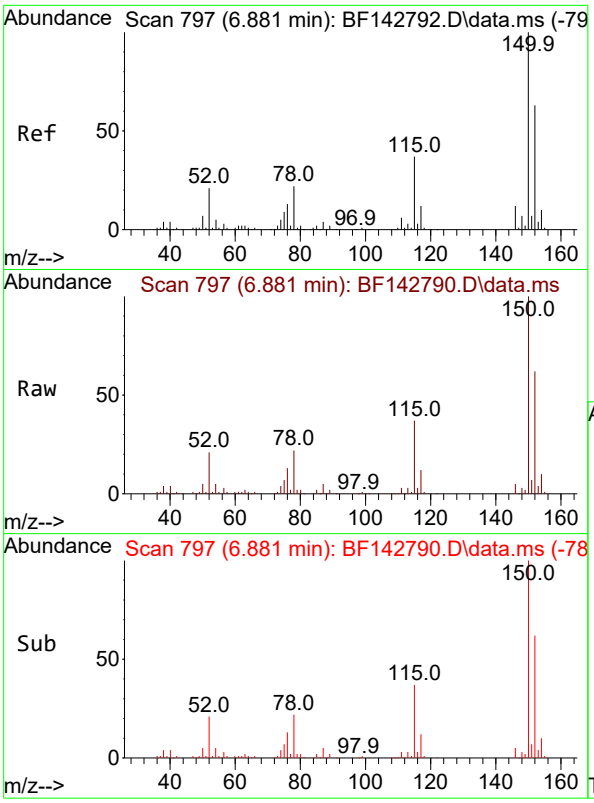
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142790.D
Acq On : 19 Jun 2025 18:08
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jun 20 04:38:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration



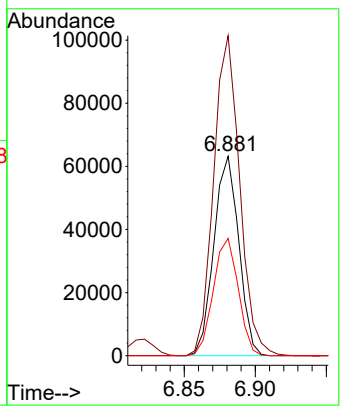


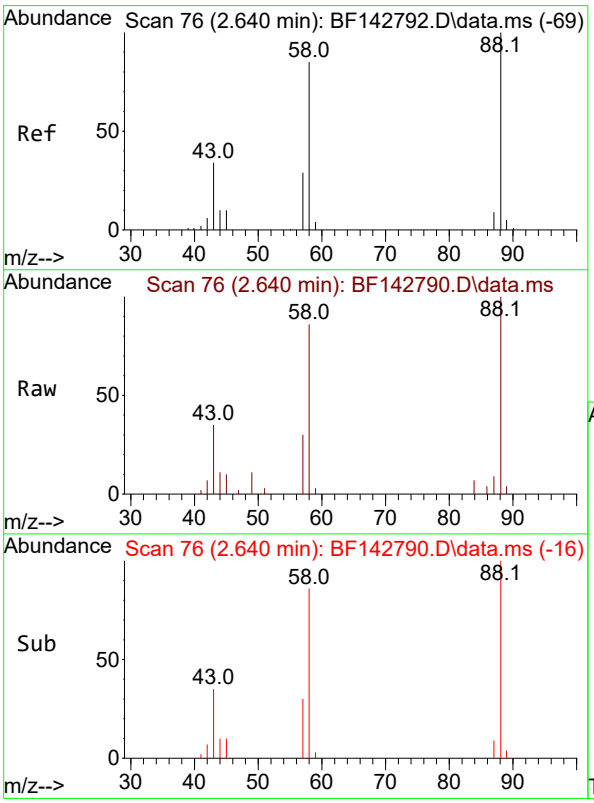
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 76918

Ion	Ratio	Lower	Upper
152	100		
150	160.5	127.2	190.8
115	58.8	46.6	69.8

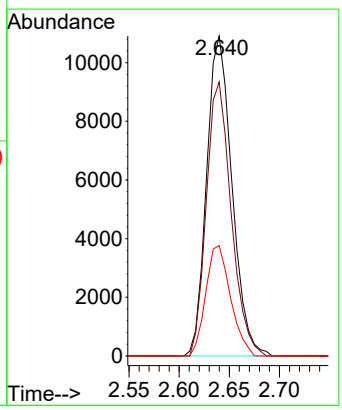


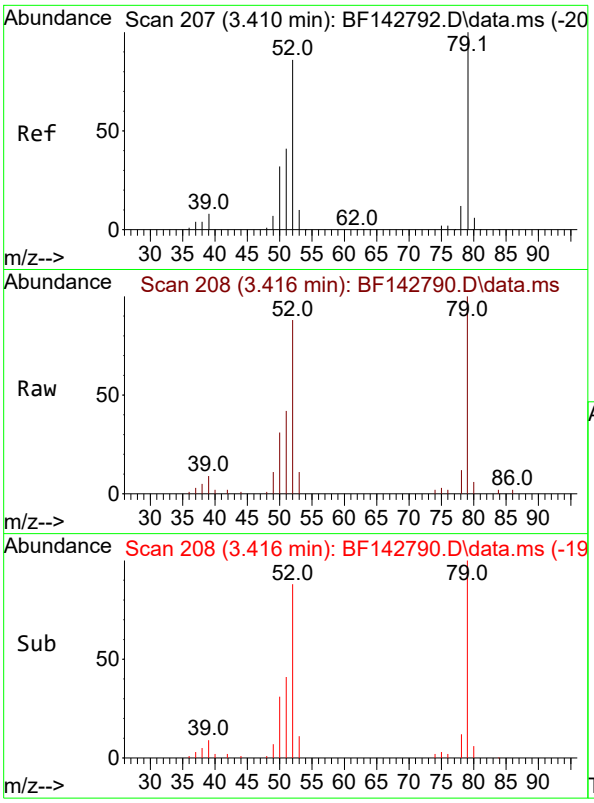


#2
1,4-Dioxane
Concen: 10.712 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion: 88 Resp: 19183

Ion	Ratio	Lower	Upper
88	100		
58	83.9	69.1	103.7
43	33.7	27.4	41.2



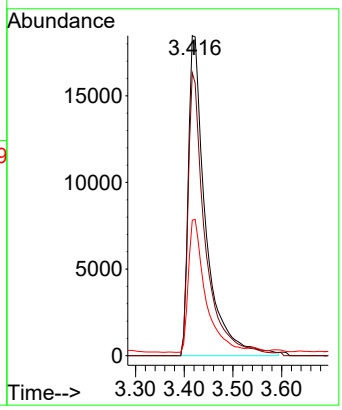


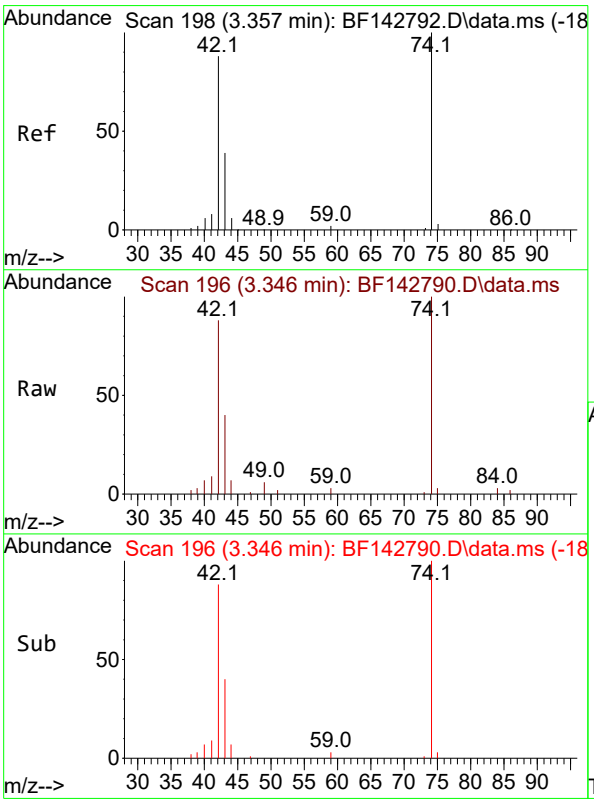
#3
Pyridine
Concen: 10.252 ng
RT: 3.416 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 45966

Ion	Ratio	Lower	Upper
79	100		
52	88.4	69.2	103.8
51	42.4	33.2	49.8

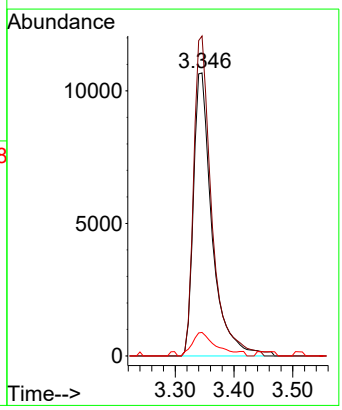


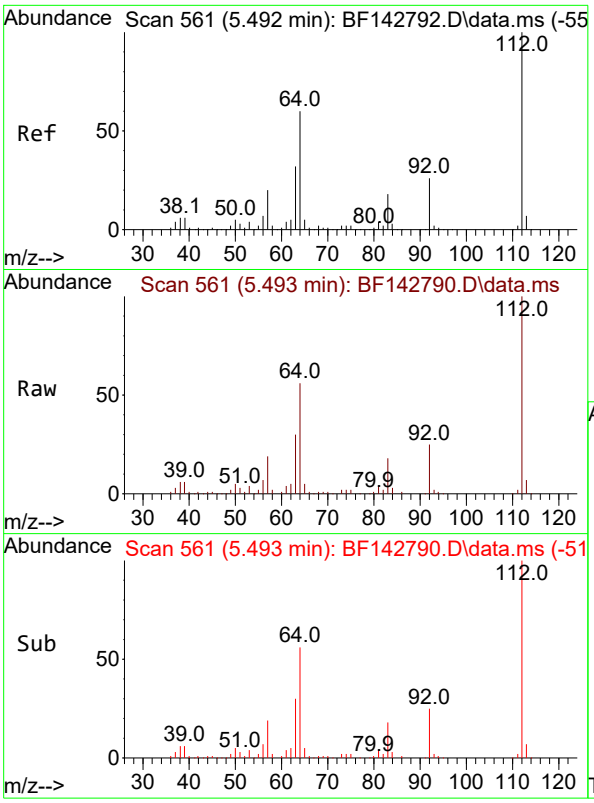


#4
n-Nitrosodimethylamine
Concen: 10.216 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion: 42 Resp: 23459

Ion	Ratio	Lower	Upper
42	100		
74	113.1	90.9	136.3
44	8.3	5.8	8.6



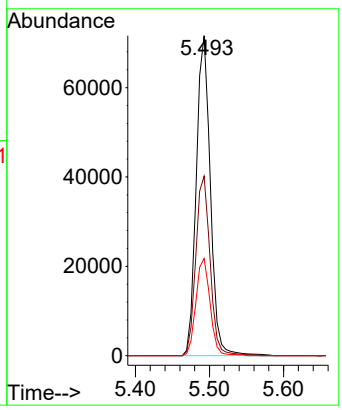


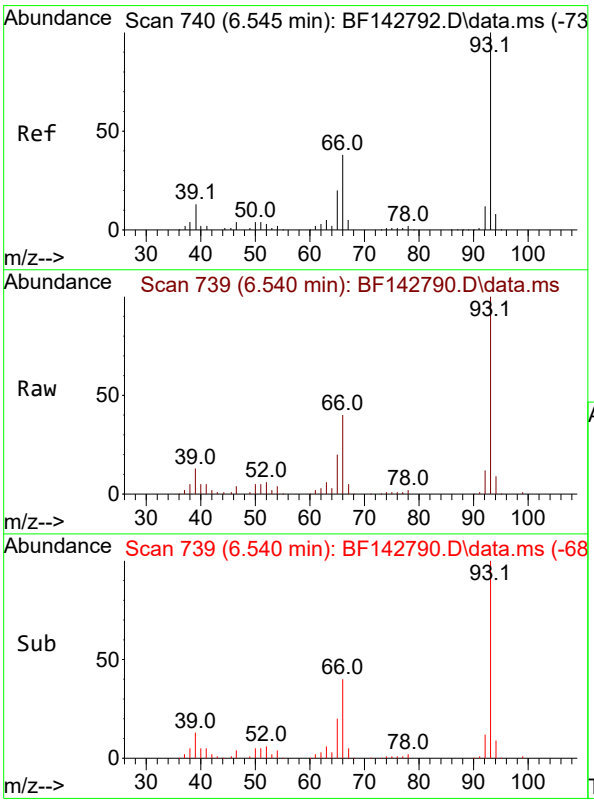
#5
2-Fluorophenol
Concen: 20.977 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 94601

Ion	Ratio	Lower	Upper
112	100		
64	56.1	48.2	72.2
63	30.4	25.7	38.5

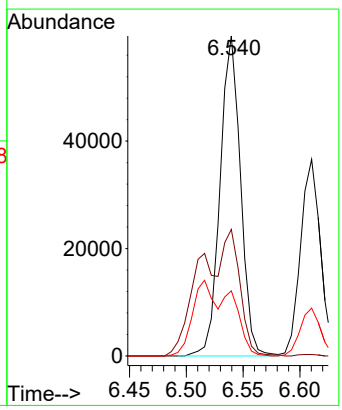


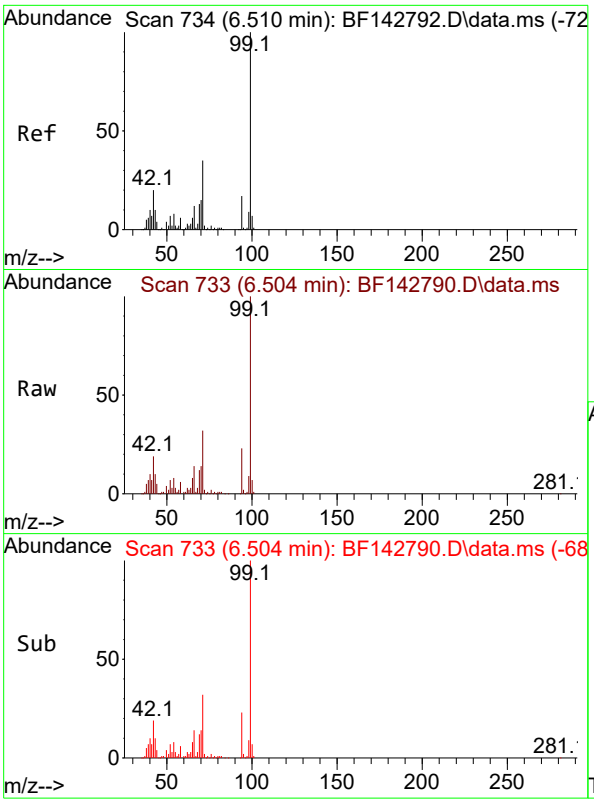


#6
Aniline
Concen: 10.537 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion: 93 Resp: 74779

Ion	Ratio	Lower	Upper
93	100		
66	39.6	31.8	47.6
65	20.4	16.2	24.2



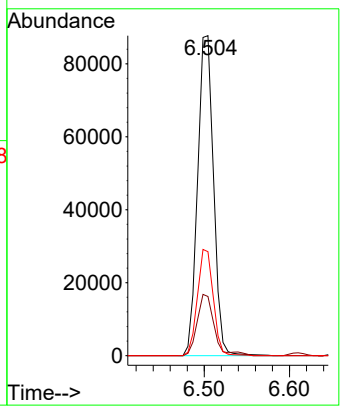


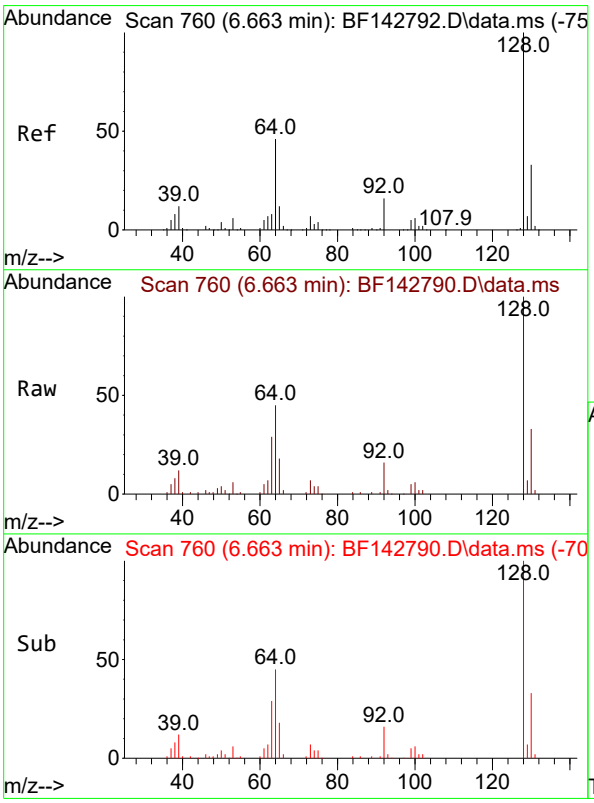
#7
Phenol-d6
Concen: 21.510 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 113910

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.9	23.9
71	32.5	27.8	41.8

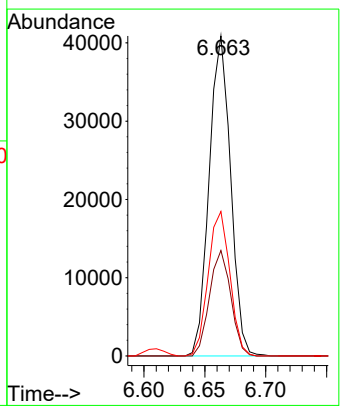


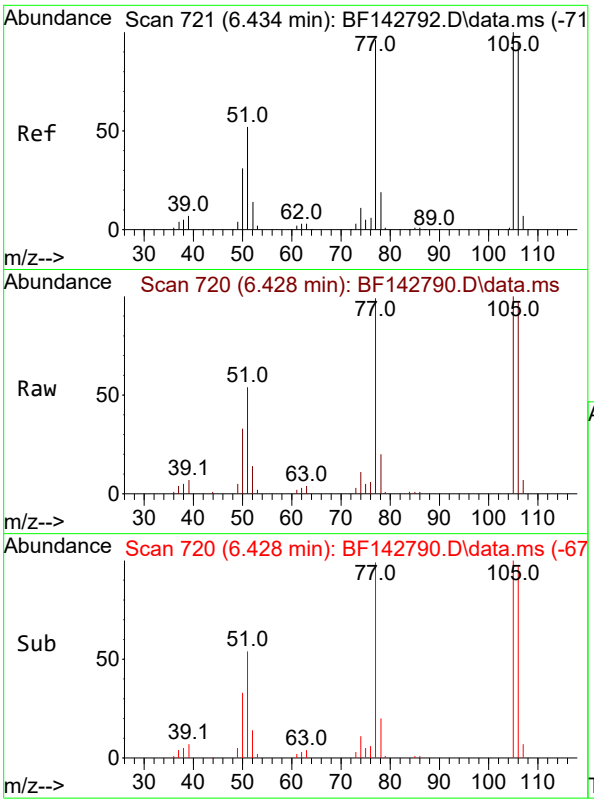


#8
2-Chlorophenol
Concen: 10.208 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:128 Resp: 50128

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.7	52.7
64	45.2	26.5	66.5



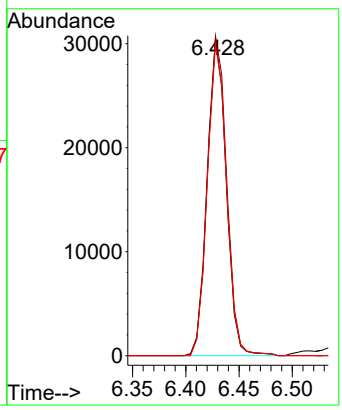


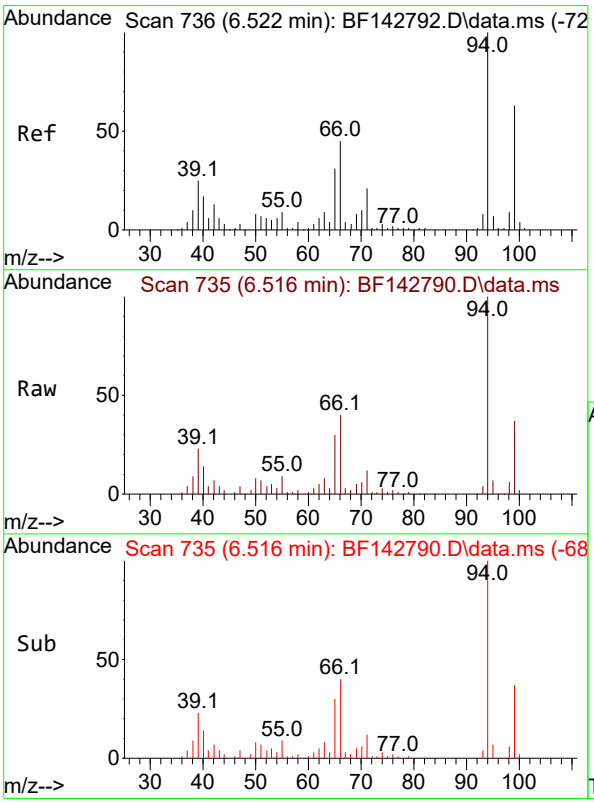
#9
Benzaldehyde
Concen: 11.768 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 37993

Ion	Ratio	Lower	Upper
77	100		
105	100.8	83.8	123.8
106	98.1	78.7	118.7

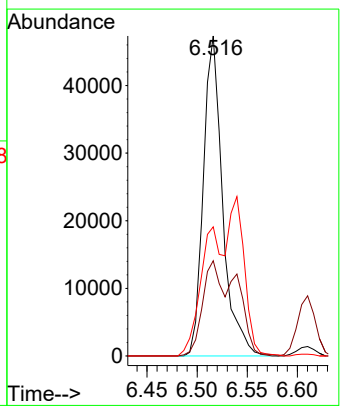


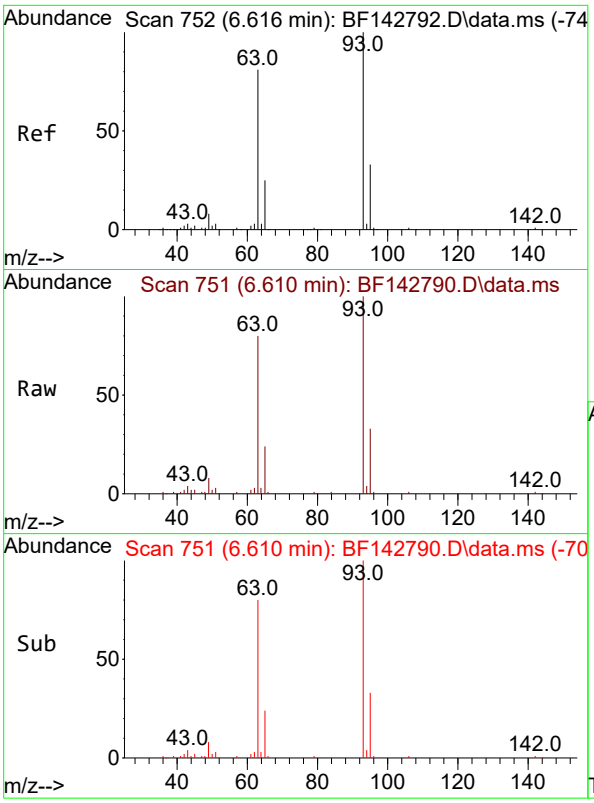


#10
Phenol
Concen: 10.769 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion: 94 Resp: 63585

Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.3	51.3
66	40.3	24.9	64.9



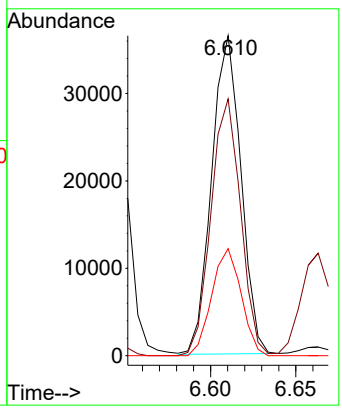


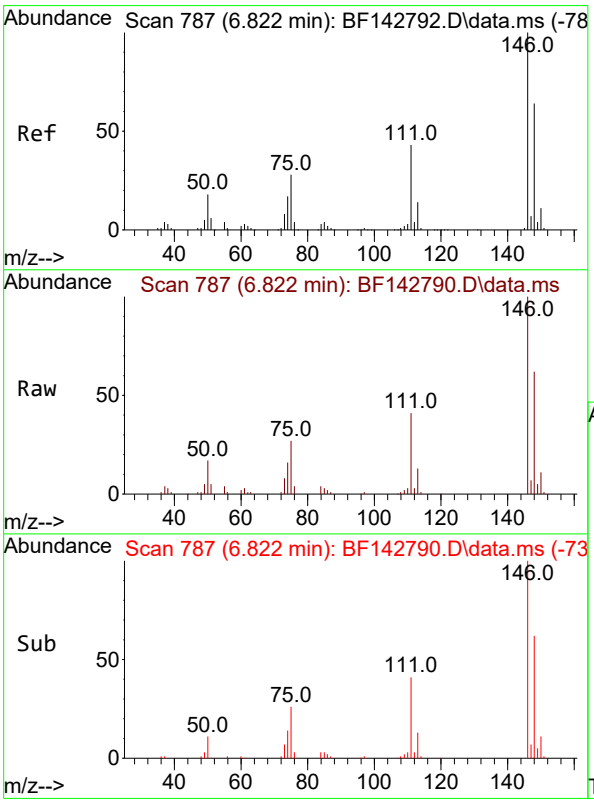
#11
bis(2-Chloroethyl)ether
Concen: 9.950 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 43585

Ion	Ratio	Lower	Upper
93	100		
63	80.2	60.3	100.3
95	33.5	12.5	52.5

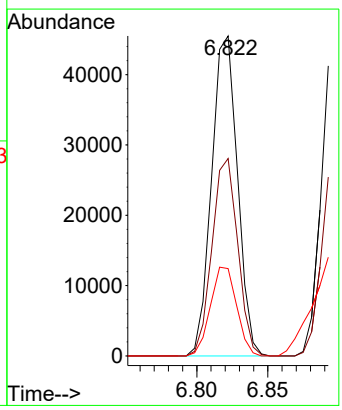


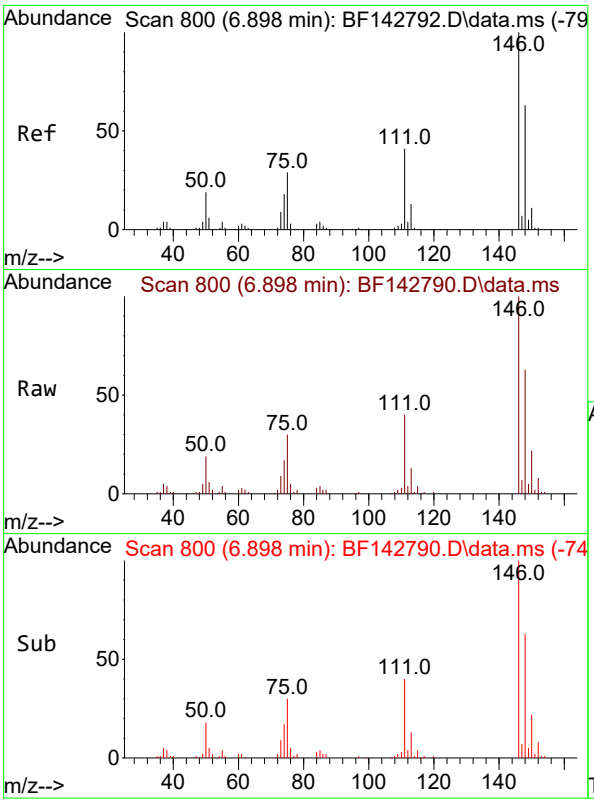


#12
1,3-Dichlorobenzene
Concen: 10.312 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:146 Resp: 57659

Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.1	76.7
75	27.3	22.7	34.1



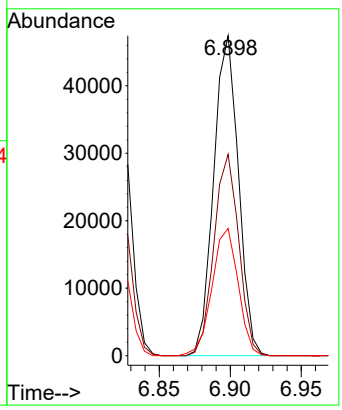


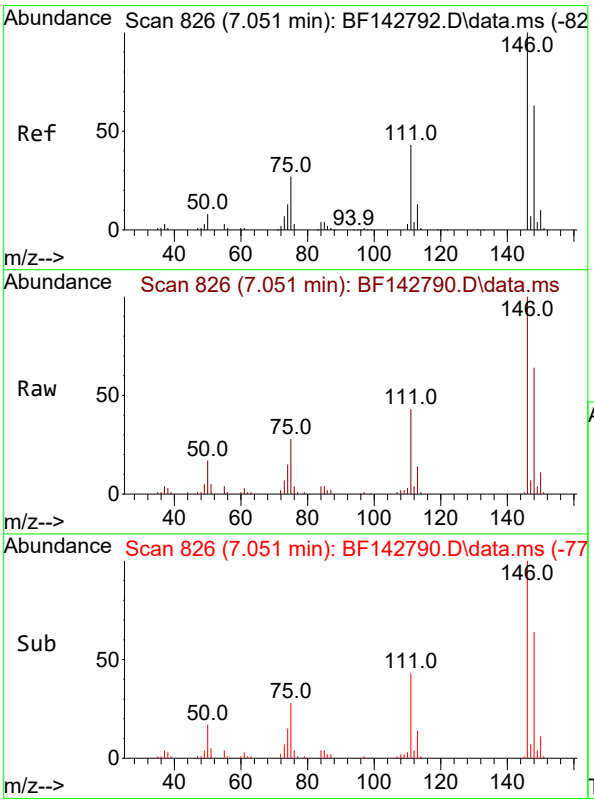
#13
1,4-Dichlorobenzene
Concen: 10.149 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 57522

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.2	75.2
111	39.8	33.2	49.8

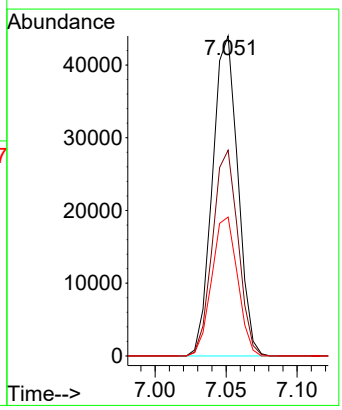


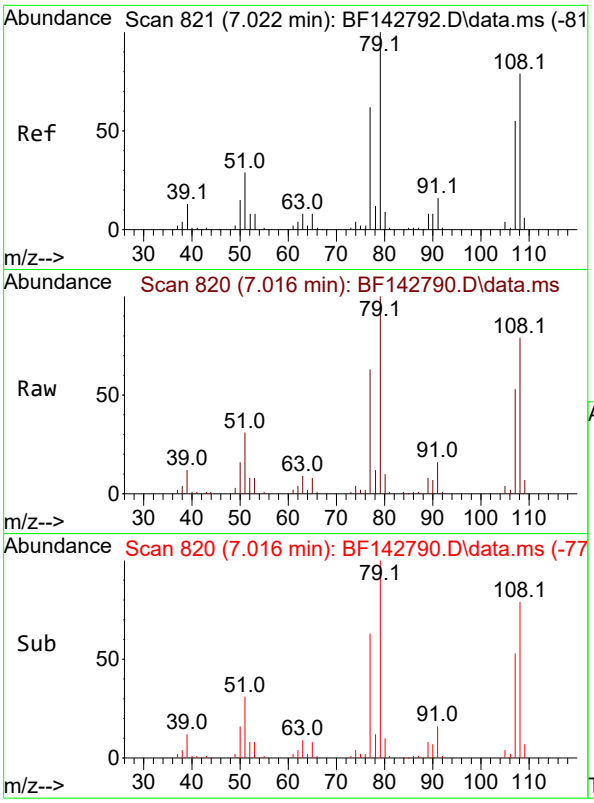


#14
1,2-Dichlorobenzene
Concen: 10.091 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:146 Resp: 54672

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	43.4	34.1	51.1



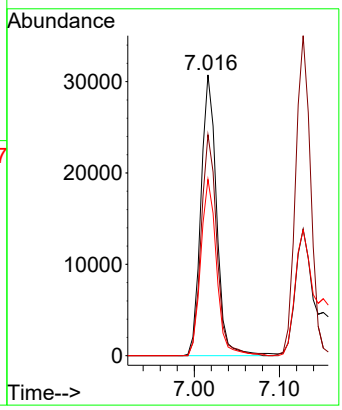


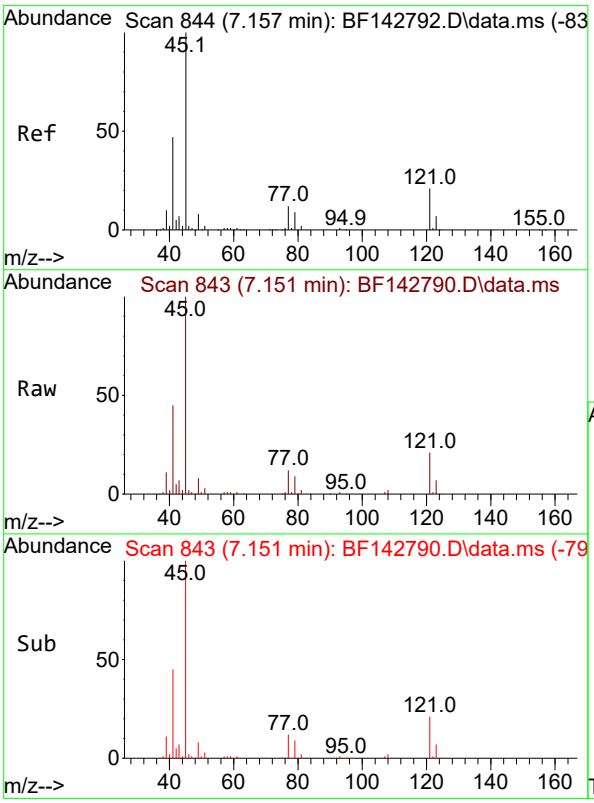
#15
Benzyl Alcohol
Concen: 9.927 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 39348

Ion	Ratio	Lower	Upper
79	100		
108	78.7	63.4	95.0
77	62.8	49.5	74.3

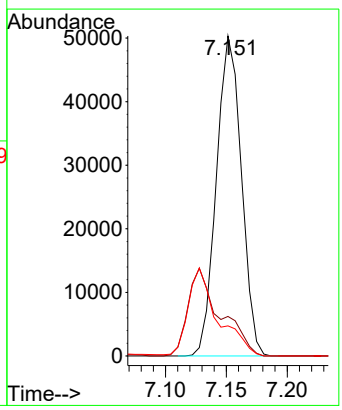


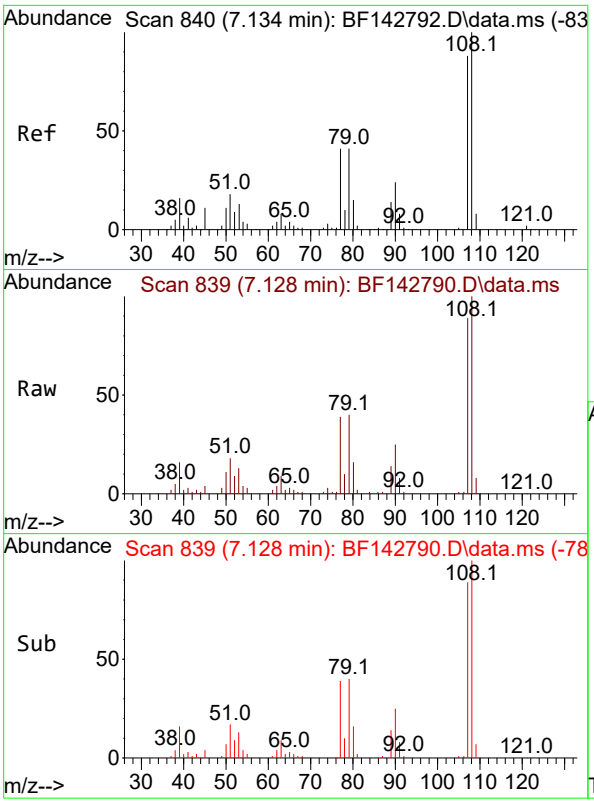


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.417 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion: 45 Resp: 71897

Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	32.8
79	9.4	0.0	29.8



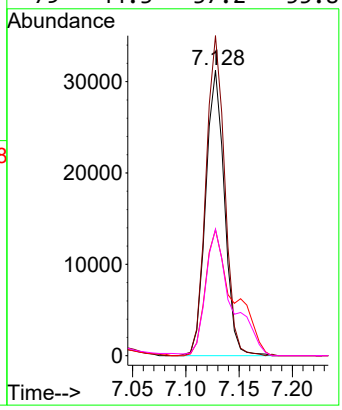


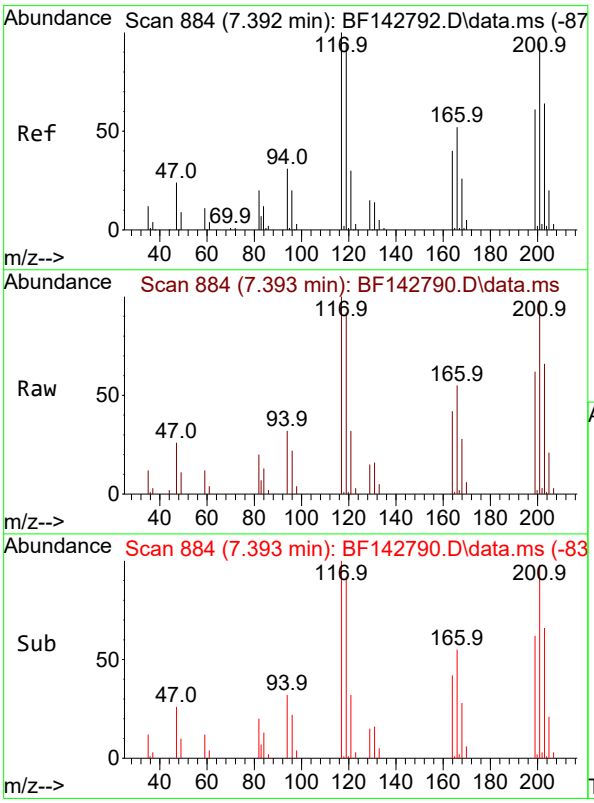
#17
2-Methylphenol
Concen: 10.217 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 38357

Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.9	136.3
77	44.1	37.3	55.9
79	44.3	37.2	55.8

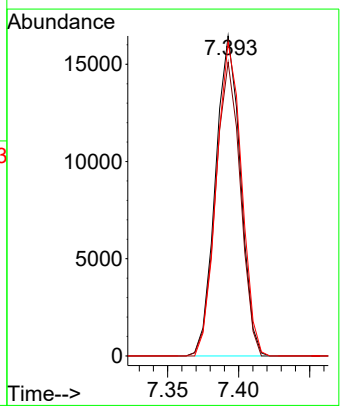


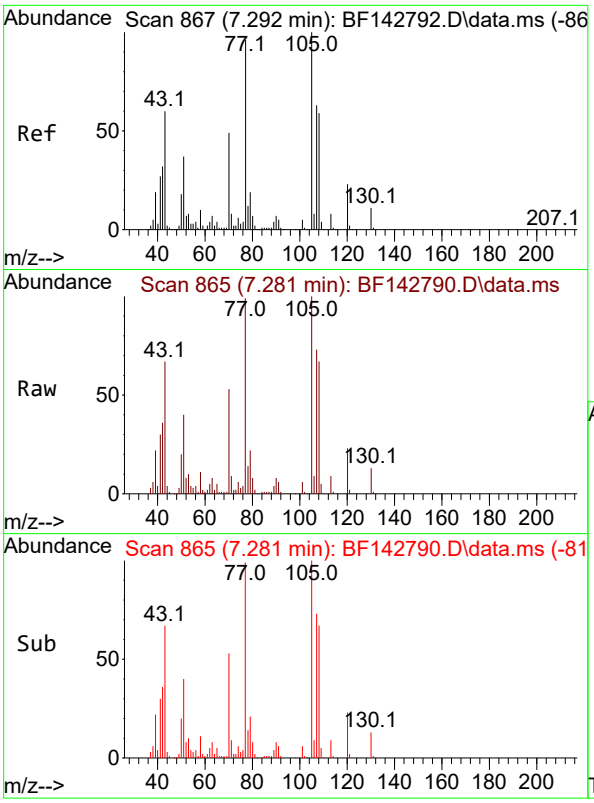


#18
Hexachloroethane
Concen: 9.889 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:117 Resp: 20035

Ion	Ratio	Lower	Upper
117	100		
119	91.8	75.4	113.0
201	98.0	75.9	113.9



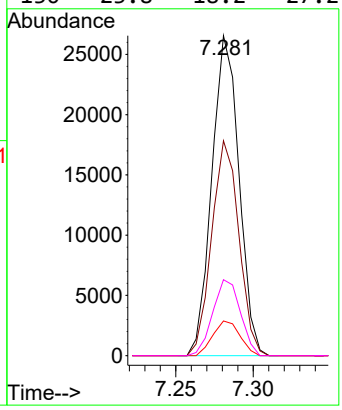


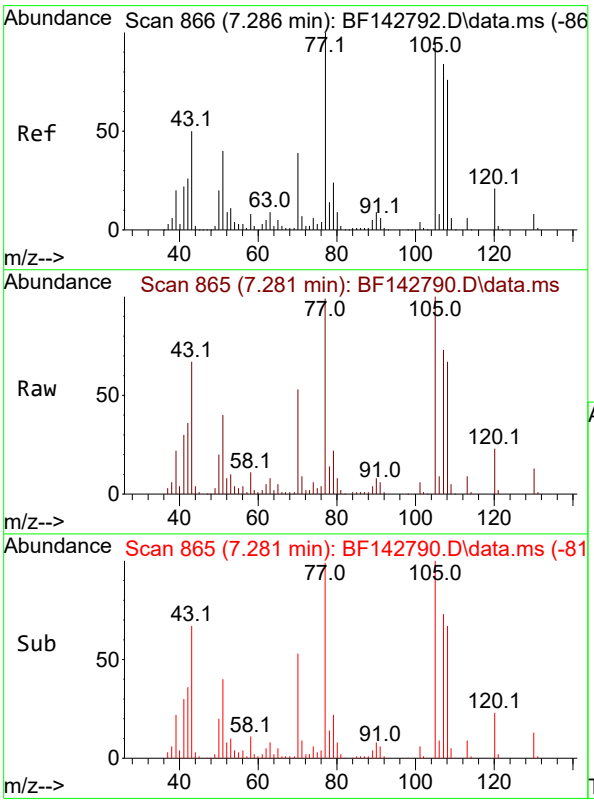
#19
n-Nitroso-di-n-propylamine
Concen: 9.670 ng
RT: 7.281 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 32293

Ion	Ratio	Lower	Upper
70	100		
42	67.1	52.1	78.1
101	10.9	8.2	12.2
130	23.8	18.2	27.2

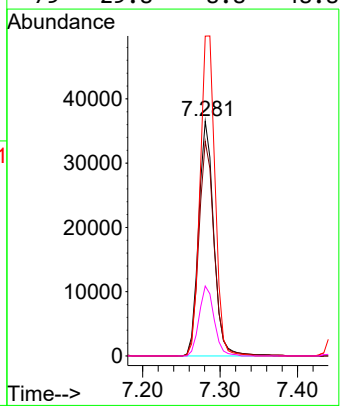


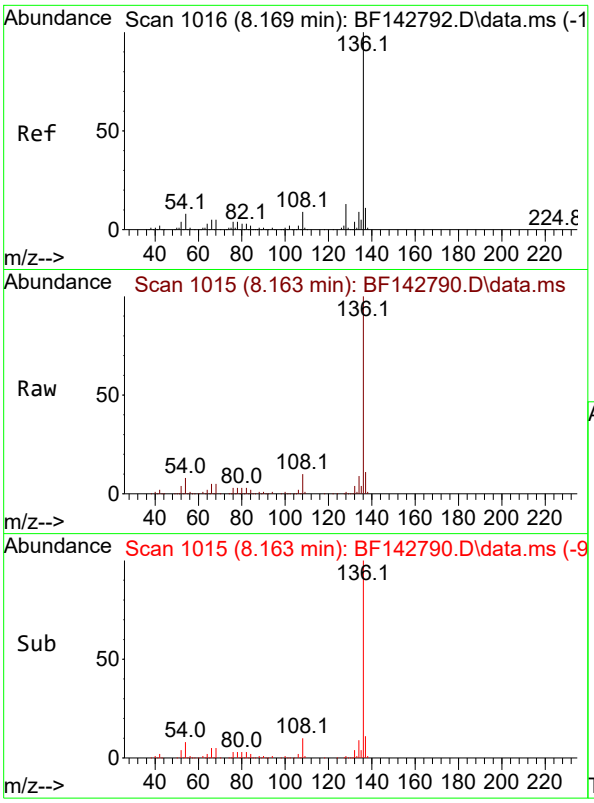


#20
3+4-Methylphenols
Concen: 10.513 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:107 Resp: 49675

Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.0	110.0
77	136.2	98.5	138.5
79	29.8	8.8	48.8



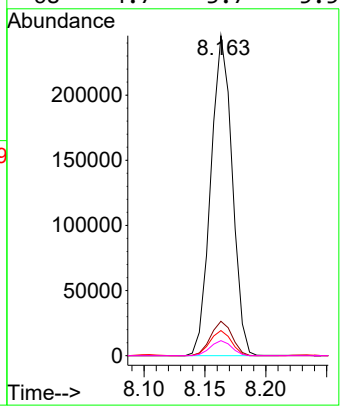


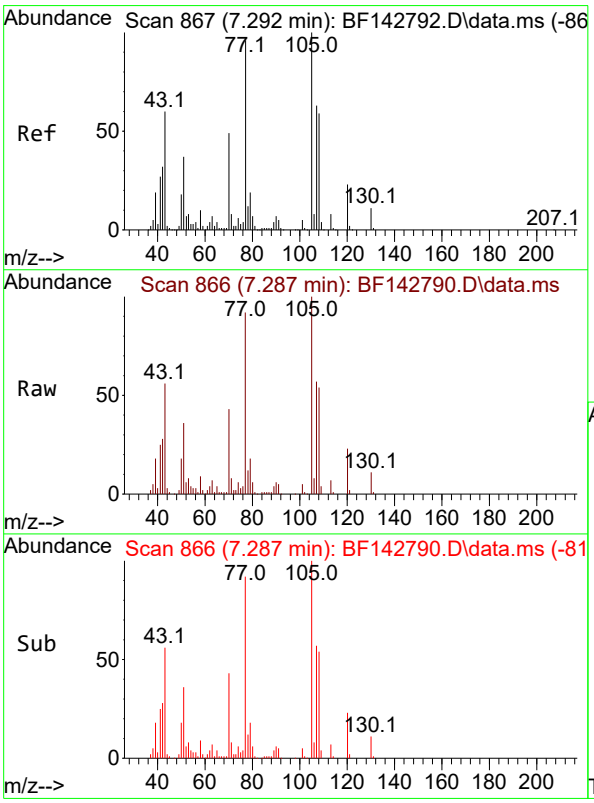
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 299903

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.9	6.3	9.5
68	4.7	3.7	5.5

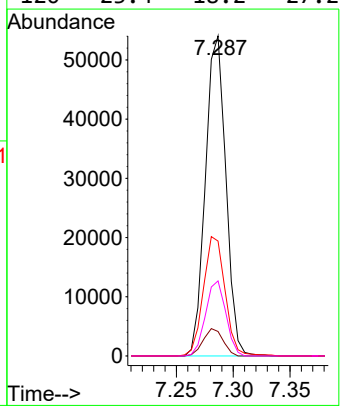


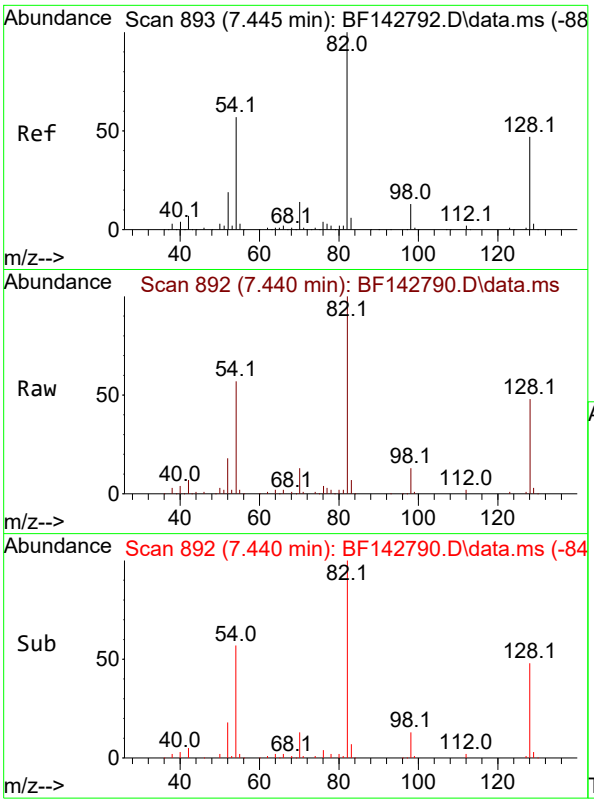


#22
Acetophenone
Concen: 10.197 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:105 Resp: 67666

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.5	9.7
51	35.9	29.8	44.8
120	23.4	18.2	27.2



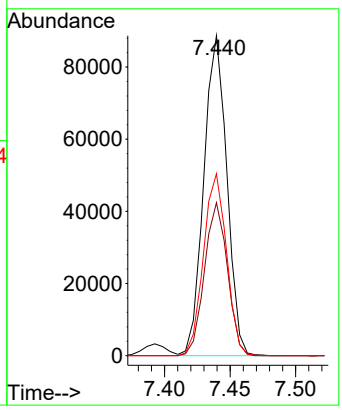


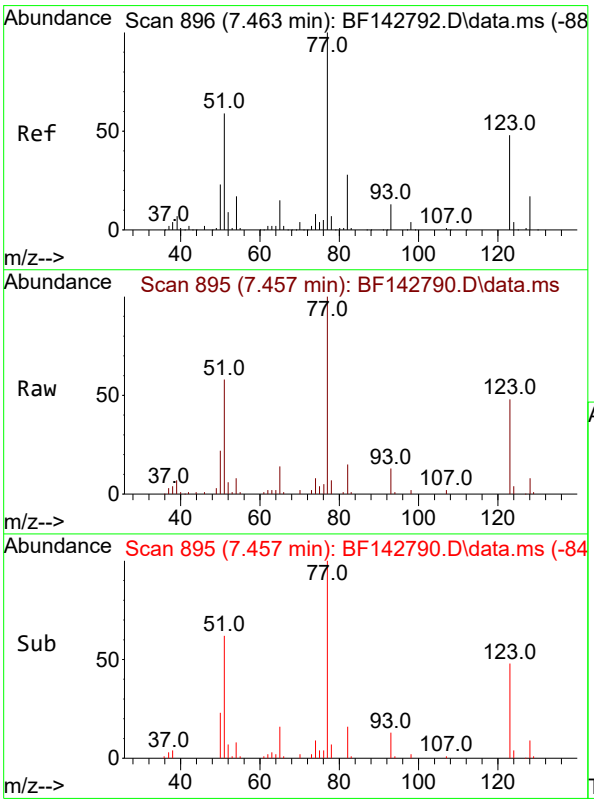
#23
Nitrobenzene-d5
Concen: 19.832 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 108508

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.7	56.5
54	56.9	45.7	68.5

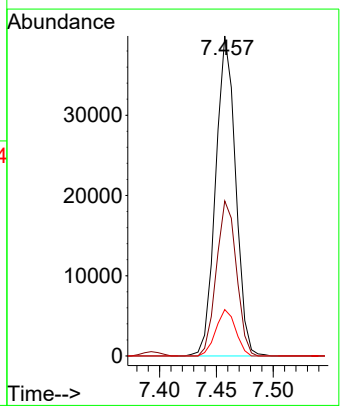


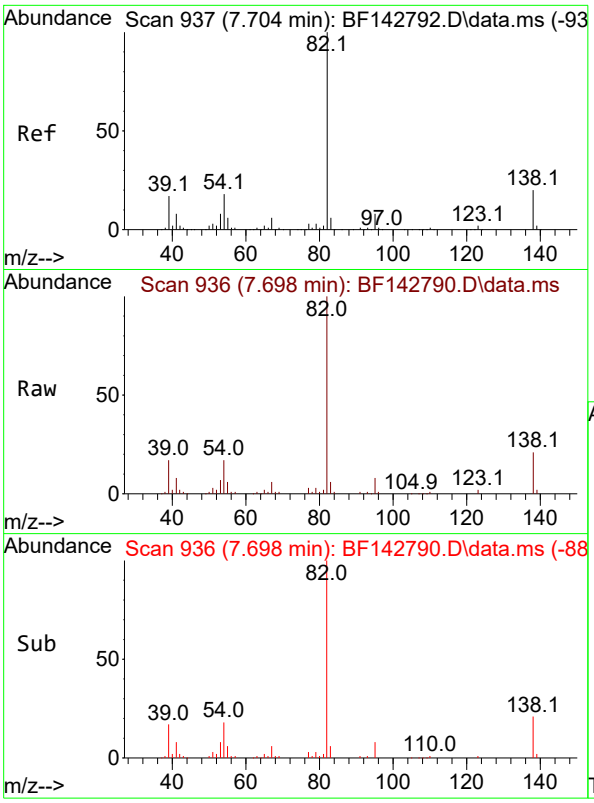


#24
Nitrobenzene
Concen: 10.034 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion: 77 Resp: 48789

Ion	Ratio	Lower	Upper
77	100		
123	48.5	39.2	58.8
65	14.5	11.6	17.4



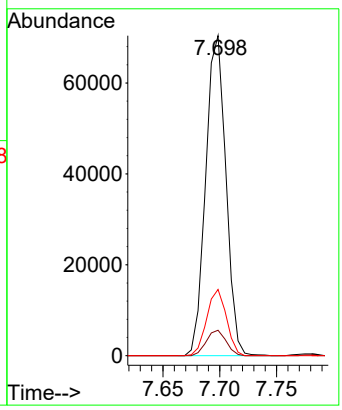


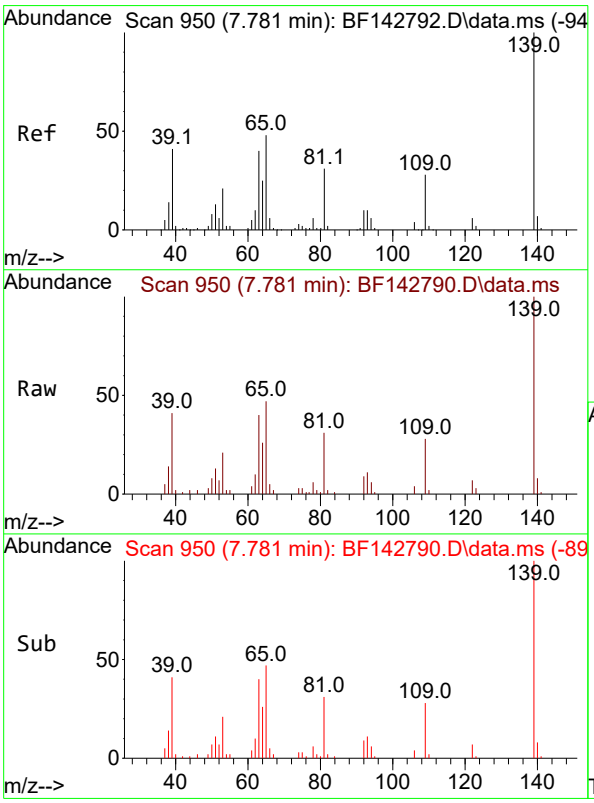
#25
Isophorone
Concen: 9.504 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 87205

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.2	9.2
138	20.7	16.2	24.4

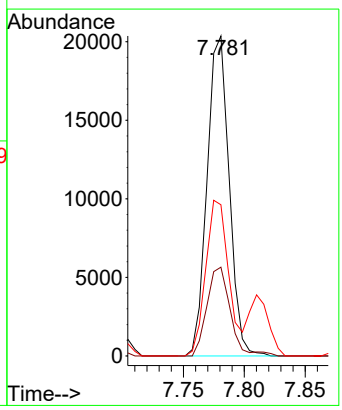


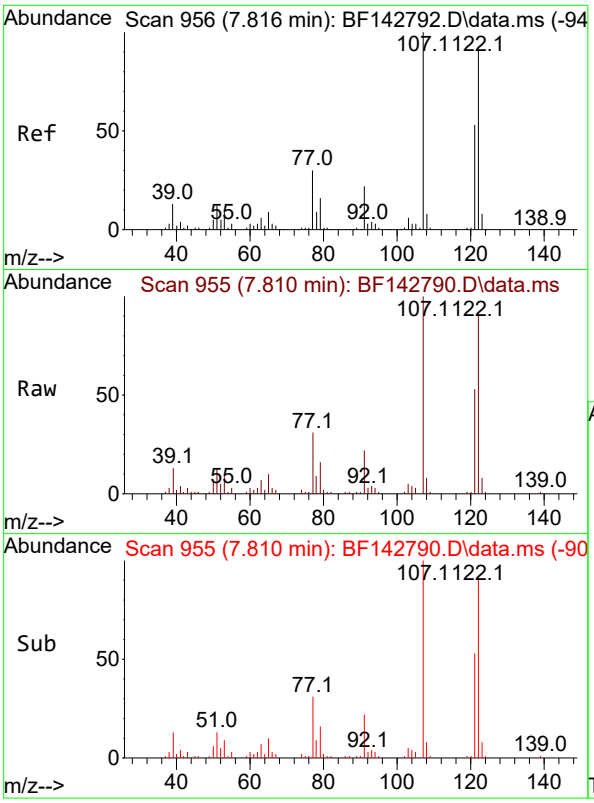


#26
2-Nitrophenol
Concen: 9.498 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:139 Resp: 25734

Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	47.2	38.6	58.0



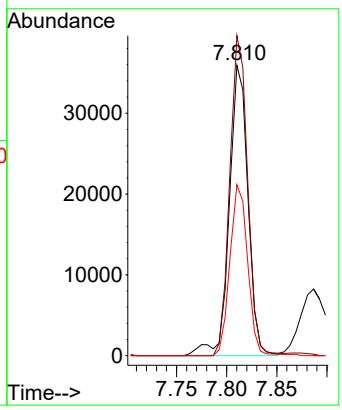


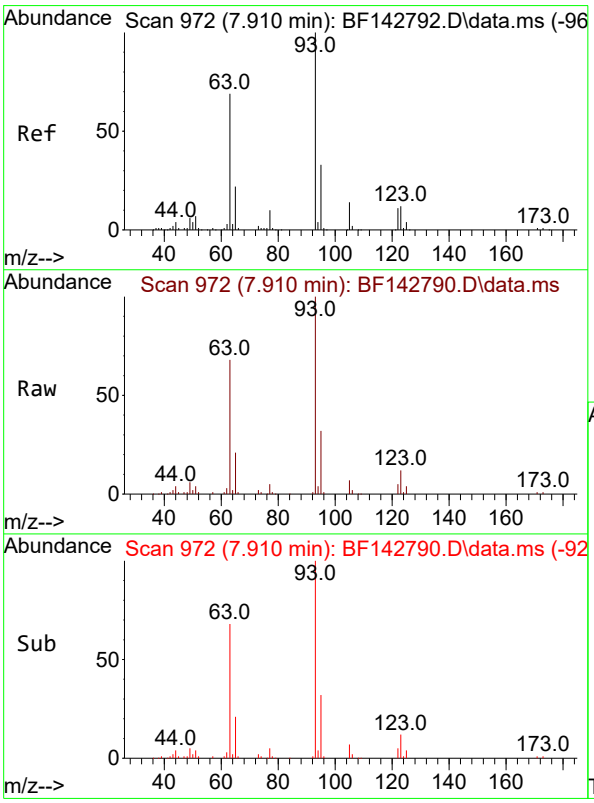
#27
2,4-Dimethylphenol
Concen: 10.071 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 46454

Ion	Ratio	Lower	Upper
122	100		
107	110.2	88.0	132.0
121	58.9	46.3	69.5

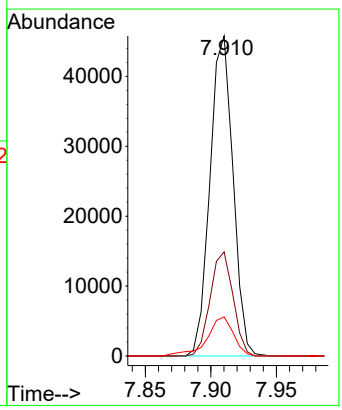


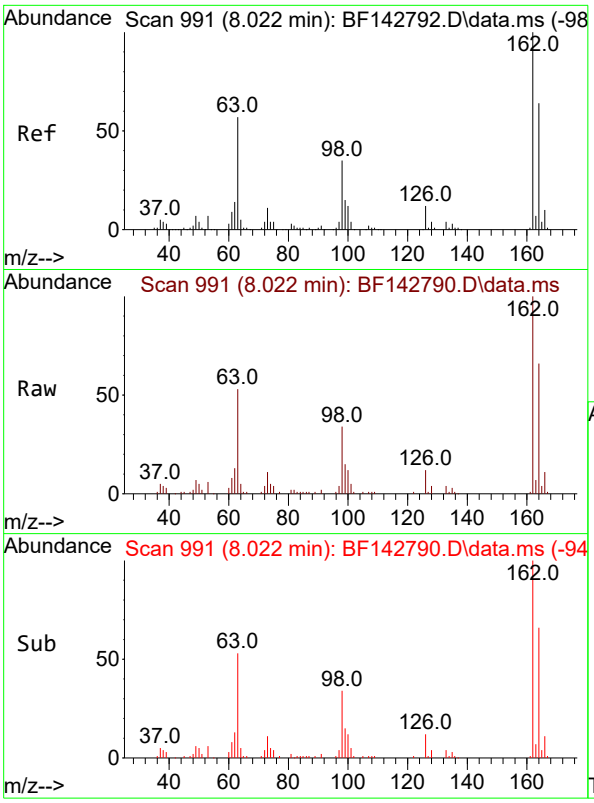


#28
bis(2-Chloroethoxy)methane
Concen: 9.788 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion: 93 Resp: 55907

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	12.2	9.9	14.9



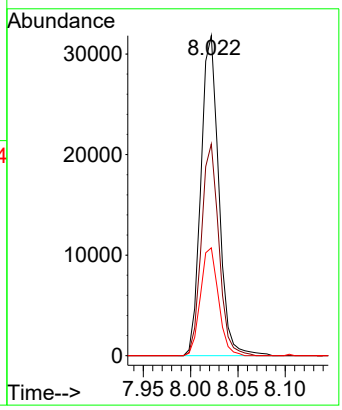


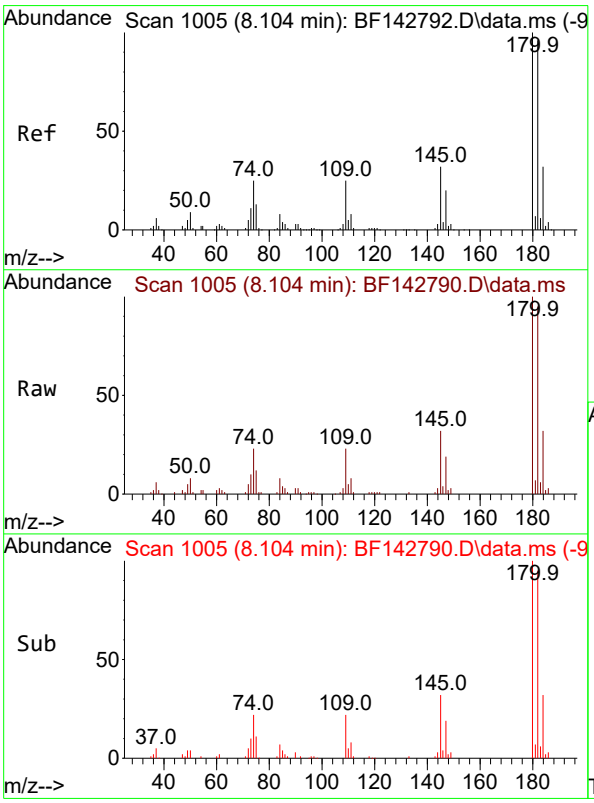
#29
2,4-Dichlorophenol
Concen: 9.861 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 41925

Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.0	84.0
98	33.7	15.4	55.4

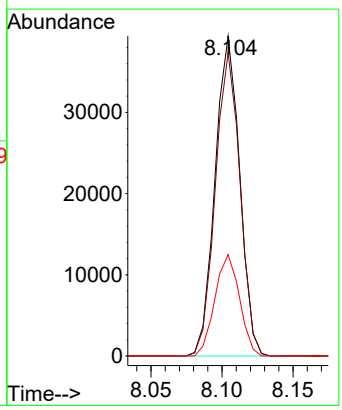


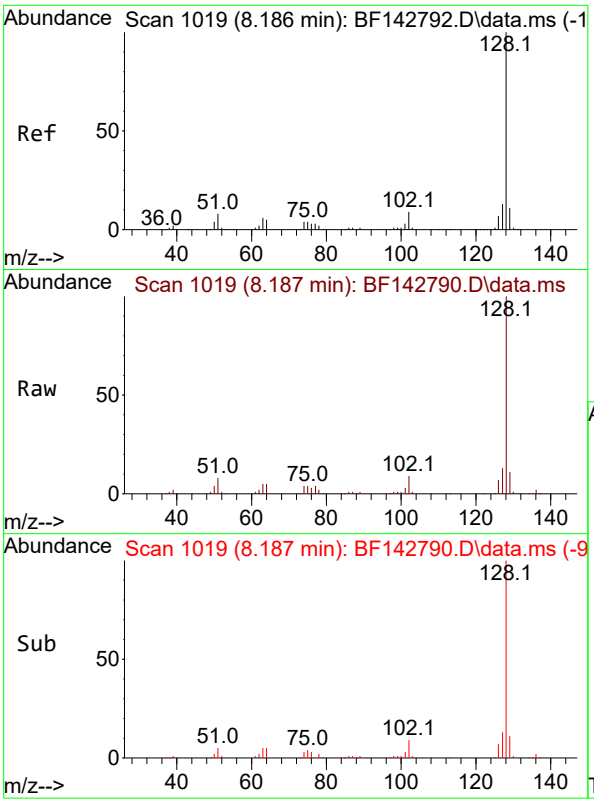


#30
1,2,4-Trichlorobenzene
Concen: 10.097 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:180 Resp: 47419

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.4	114.6
145	31.7	25.8	38.8



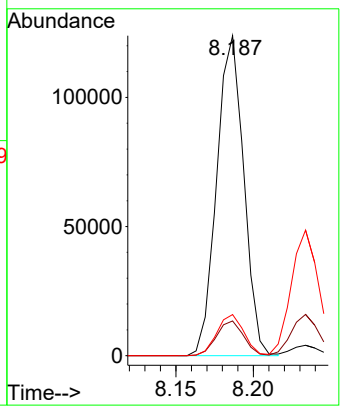


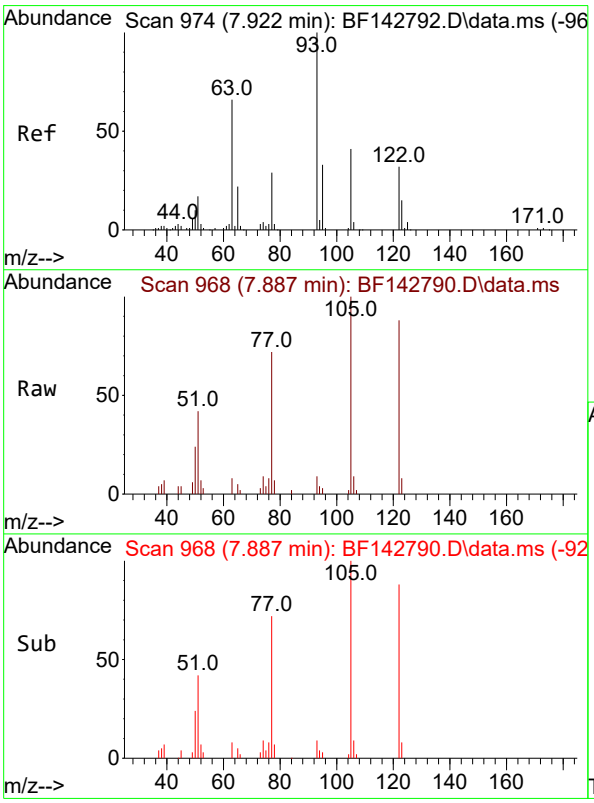
#31
Naphthalene
Concen: 10.188 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 150265

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.9	10.4	15.6

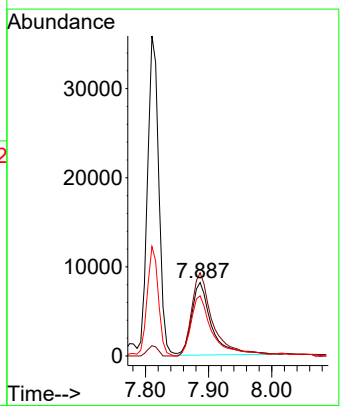


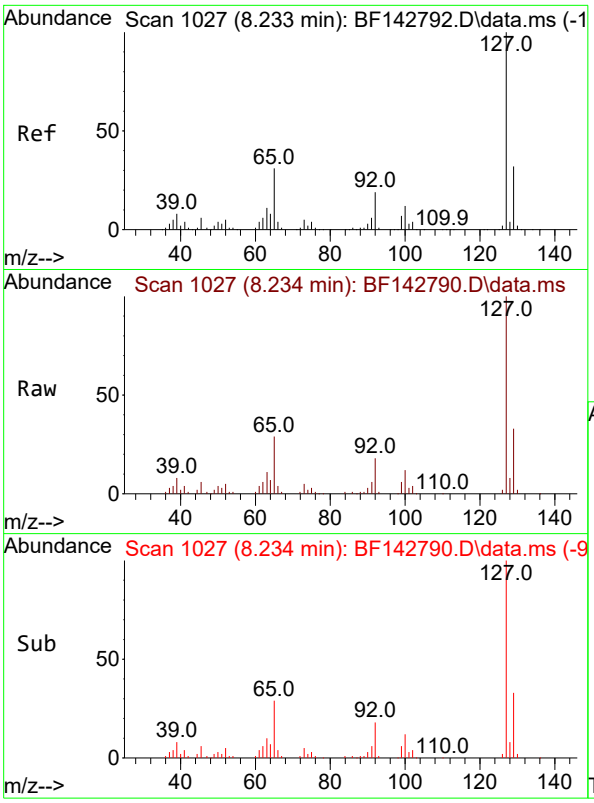


#32
Benzoic acid
Concen: 6.919 ng
RT: 7.887 min Scan# 968
Delta R.T. -0.035 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:122 Resp: 17708

Ion	Ratio	Lower	Upper
122	100		
105	113.1	104.7	144.7
77	81.9	70.2	110.2



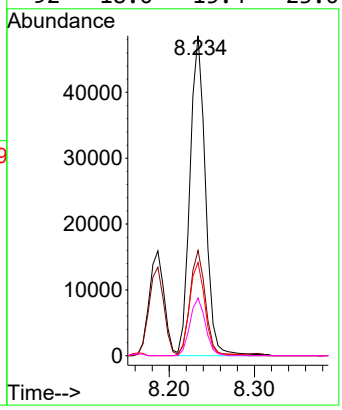


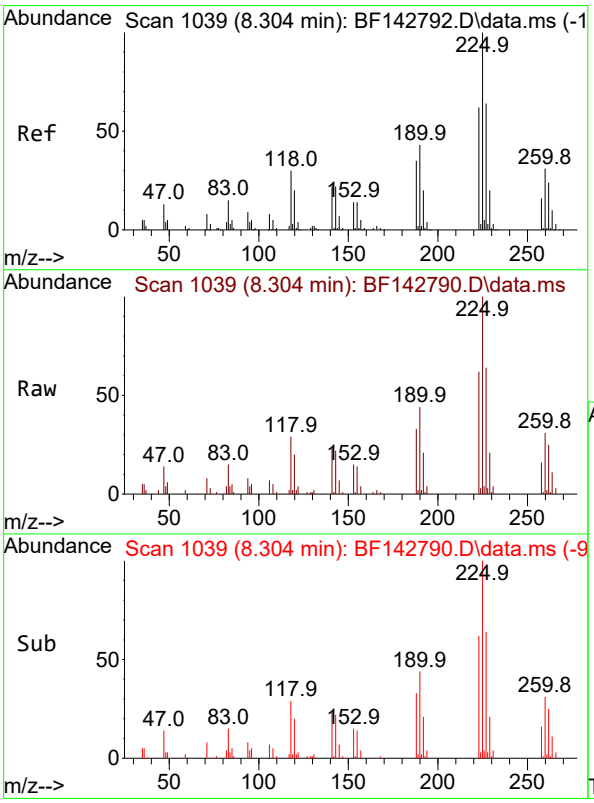
#33
4-Chloroaniline
Concen: 10.352 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 61190

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	29.1	24.6	36.8
92	18.0	15.4	23.0

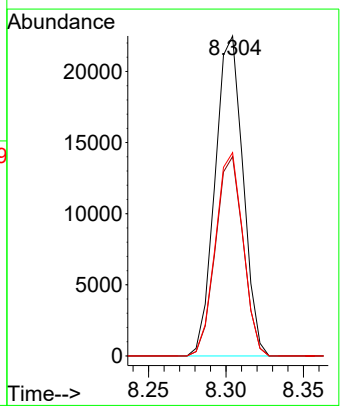


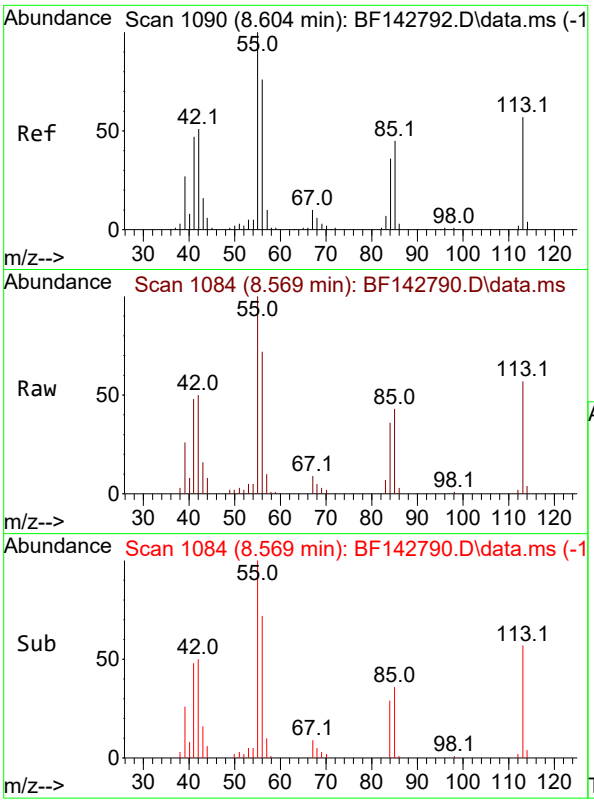


#34
Hexachlorobutadiene
Concen: 9.473 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:225 Resp: 28192

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.9	74.9
227	63.5	51.4	77.0



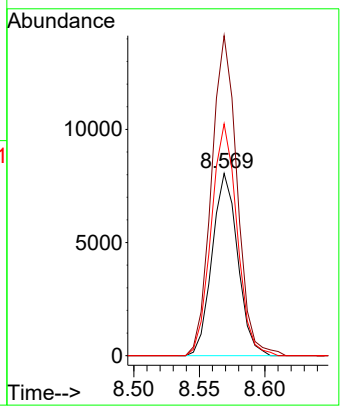


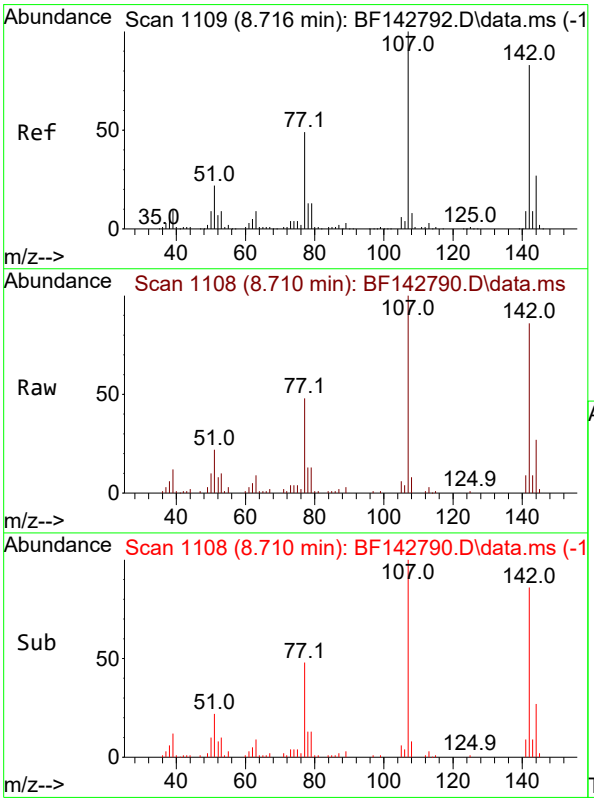
#35
Caprolactam
Concen: 9.557 ng
RT: 8.569 min Scan# 1
Delta R.T. -0.035 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 10933

Ion	Ratio	Lower	Upper
113	100		
55	175.6	154.4	194.4
56	127.2	112.1	152.1

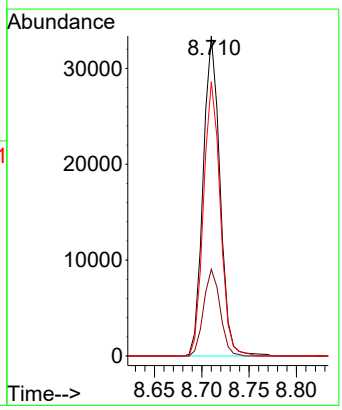


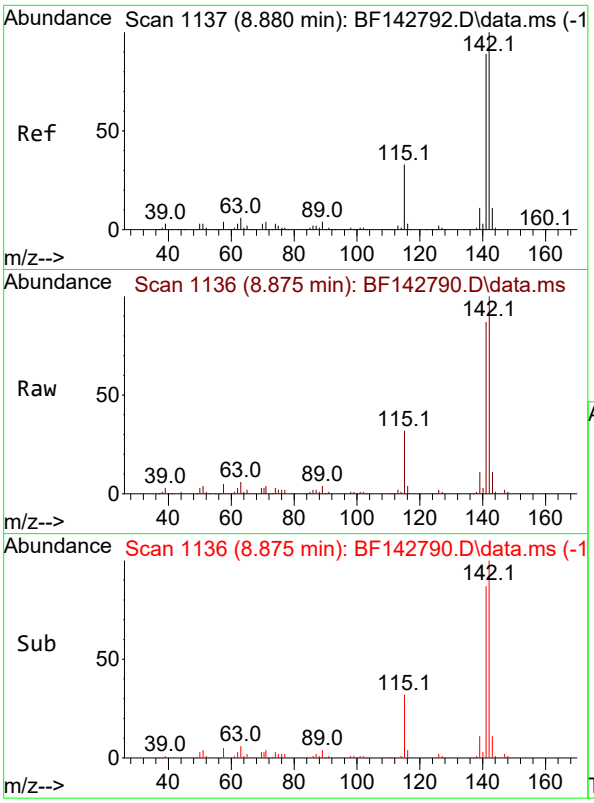


#36
4-Chloro-3-methylphenol
Concen: 9.382 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:107 Resp: 41204

Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.3	31.9
142	85.7	66.6	100.0



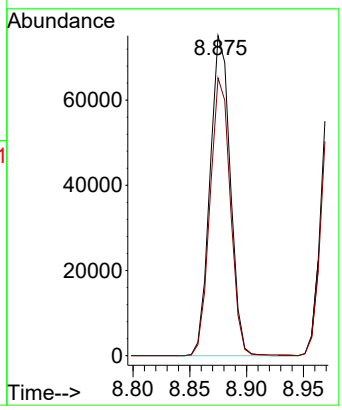


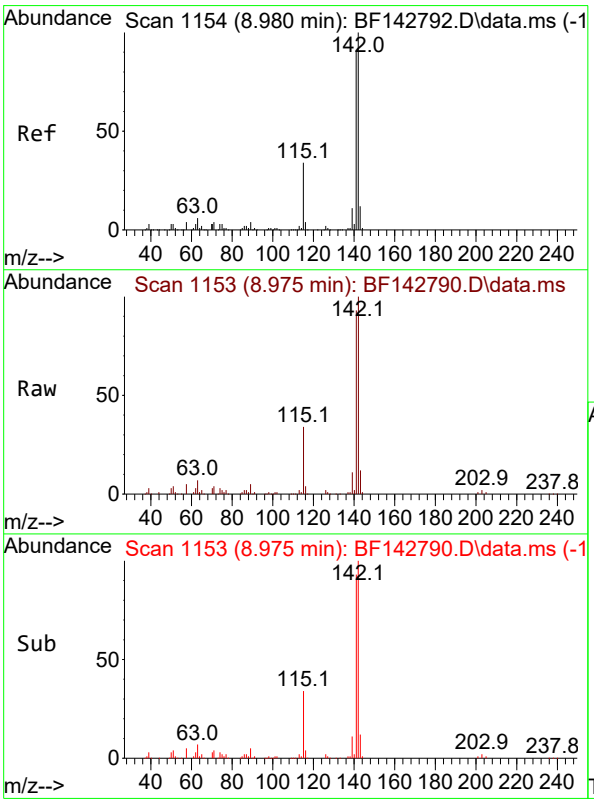
#37
2-Methylnaphthalene
Concen: 10.003 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 93078

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.9	106.3

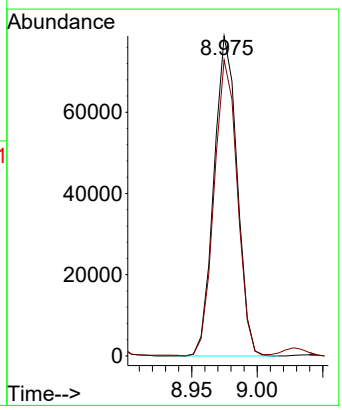


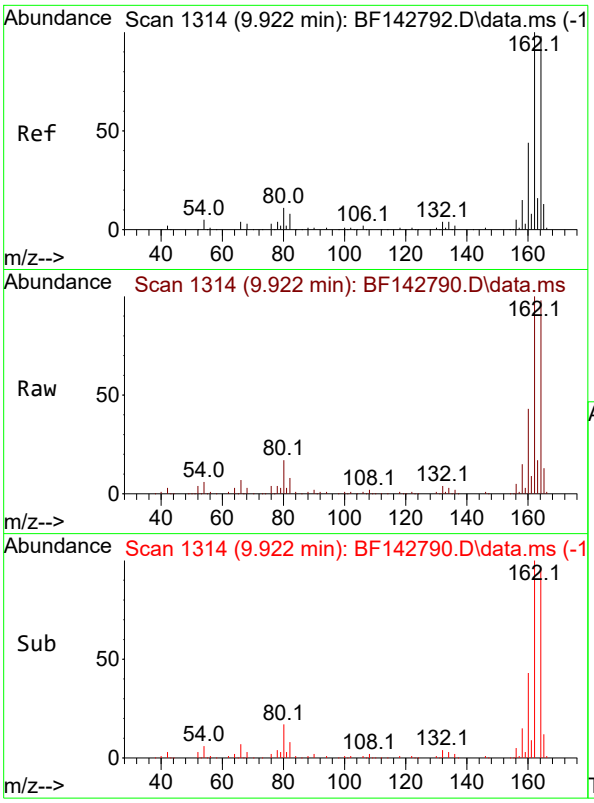


#38
1-Methylnaphthalene
Concen: 10.007 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:142 Resp: 96673

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.0	109.4



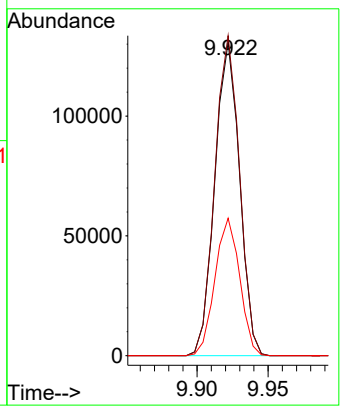


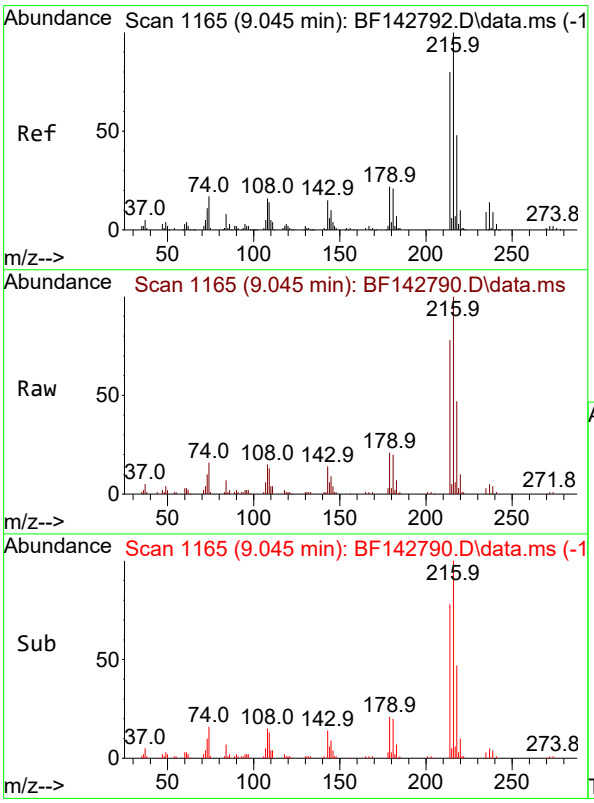
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 158336

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.8
160	43.9	36.0	54.0

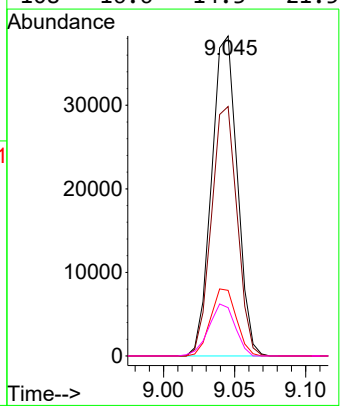


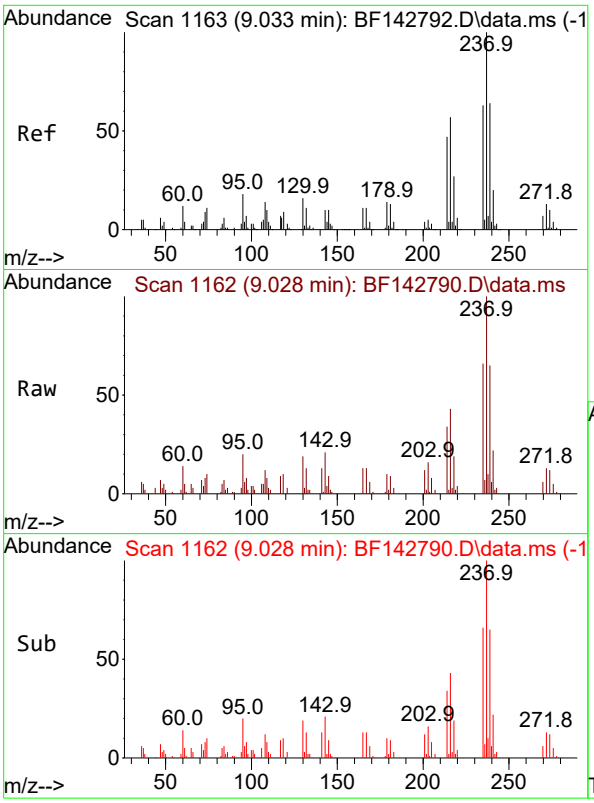


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.540 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:216 Resp: 48175

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.7	95.5
179	21.0	17.6	26.4
108	16.6	14.3	21.5



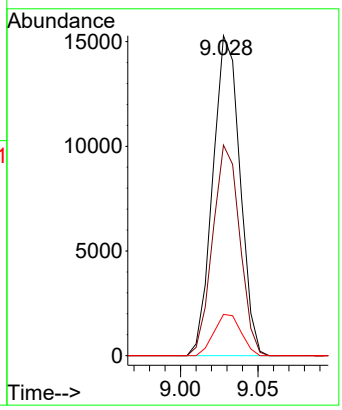


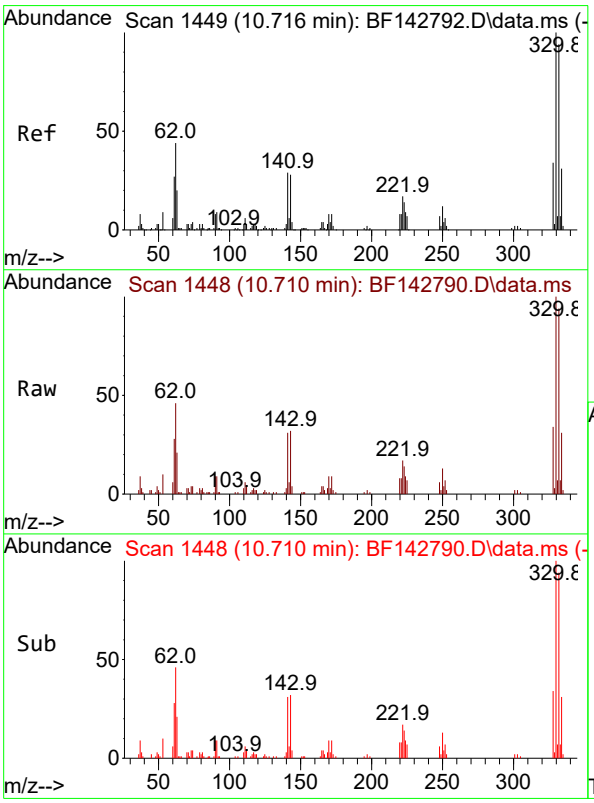
#41
Hexachlorocyclopentadiene
Concen: 6.436 ng
RT: 9.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 18602

Ion	Ratio	Lower	Upper
237	100		
235	65.8	43.4	83.4
272	12.9	0.0	32.7

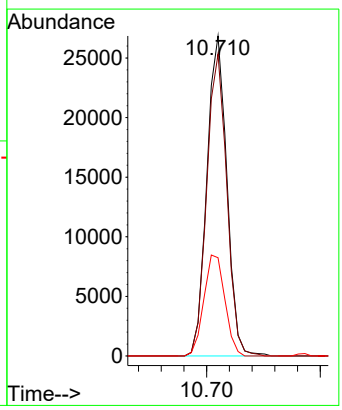


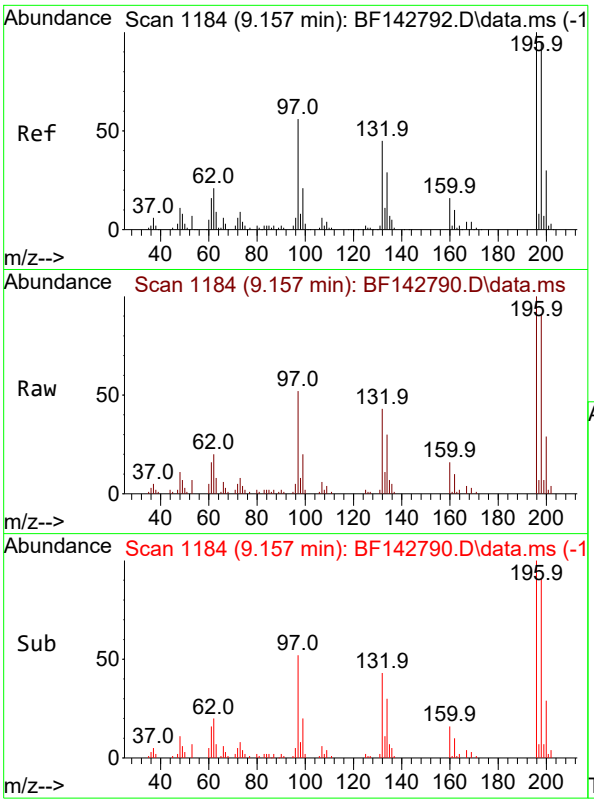


#42
2,4,6-Tribromophenol
Concen: 19.042 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:330 Resp: 32767

Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.0	112.6
141	33.1	25.3	37.9



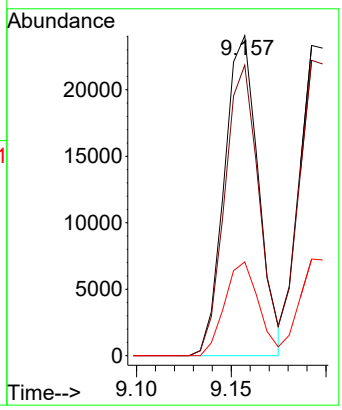


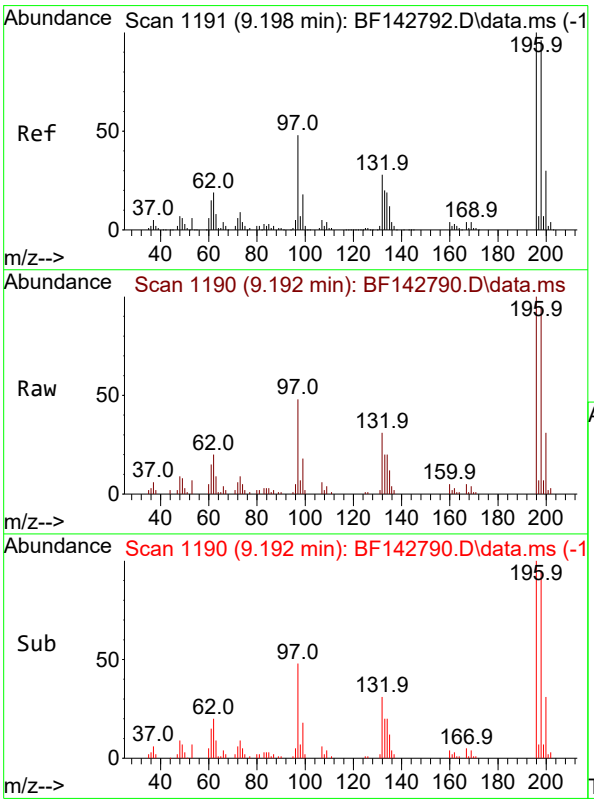
#43
2,4,6-Trichlorophenol
Concen: 10.182 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 30118

Ion	Ratio	Lower	Upper
196	100		
198	90.8	76.2	114.2
200	29.3	24.1	36.1

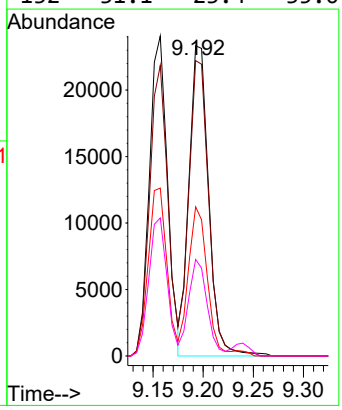


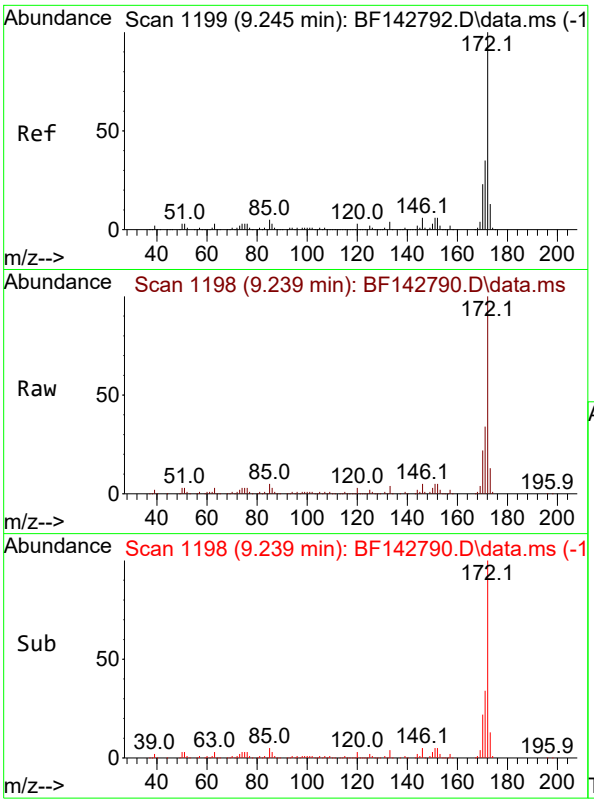


#44
2,4,5-Trichlorophenol
Concen: 9.987 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:196 Resp: 31900

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.6	115.0
97	48.1	38.2	57.2
132	31.1	23.4	35.0



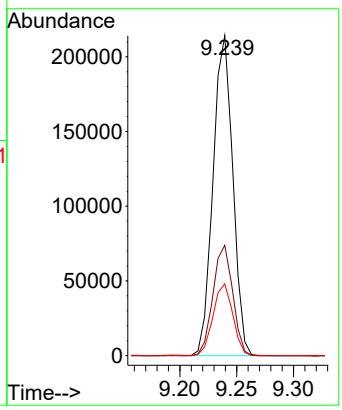


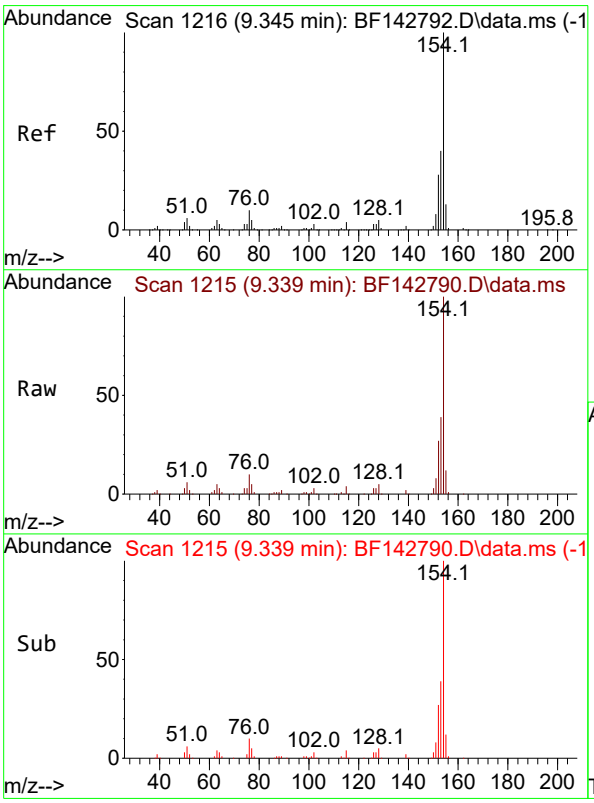
#45
2-Fluorobiphenyl
Concen: 21.765 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 259052

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.4
170	22.5	18.5	27.7

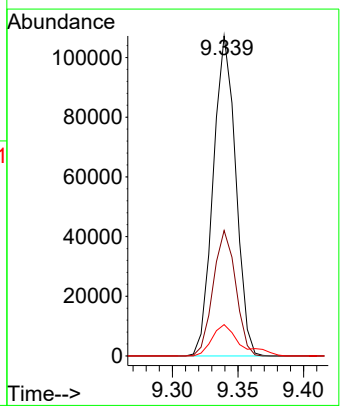


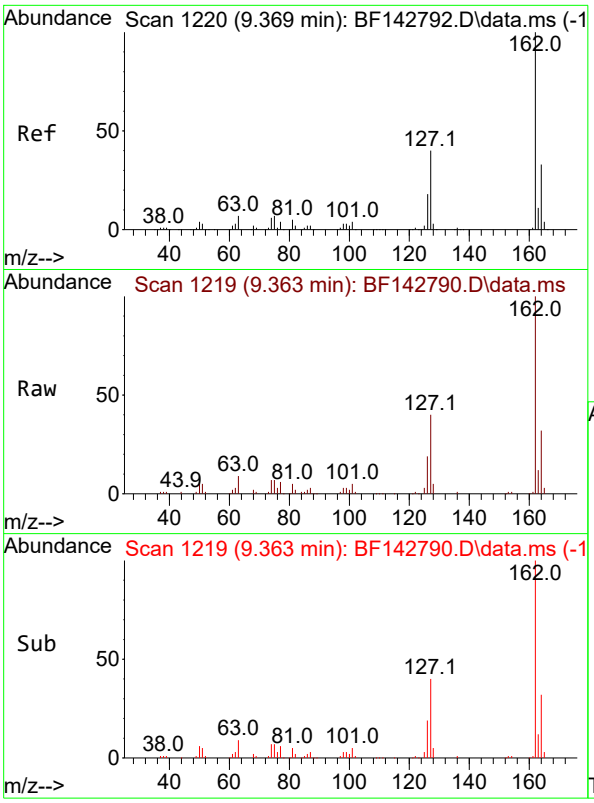


#46
1,1'-Biphenyl
Concen: 10.404 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:154 Resp: 127911

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.3	60.3
76	9.8	0.0	30.3



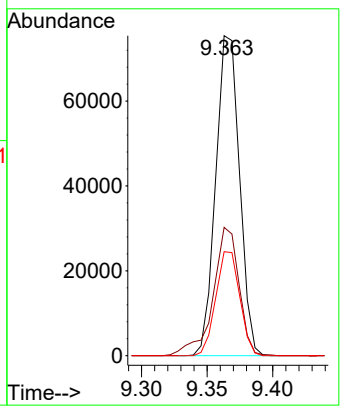


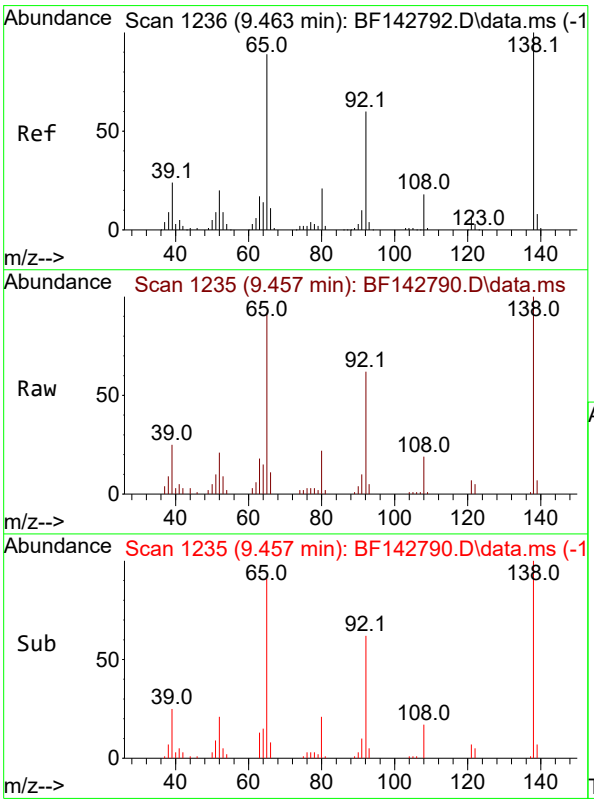
#47
2-Chloronaphthalene
Concen: 10.493 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 95194

Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.2	48.2
164	32.5	26.1	39.1

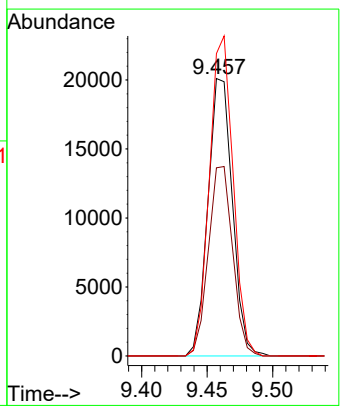


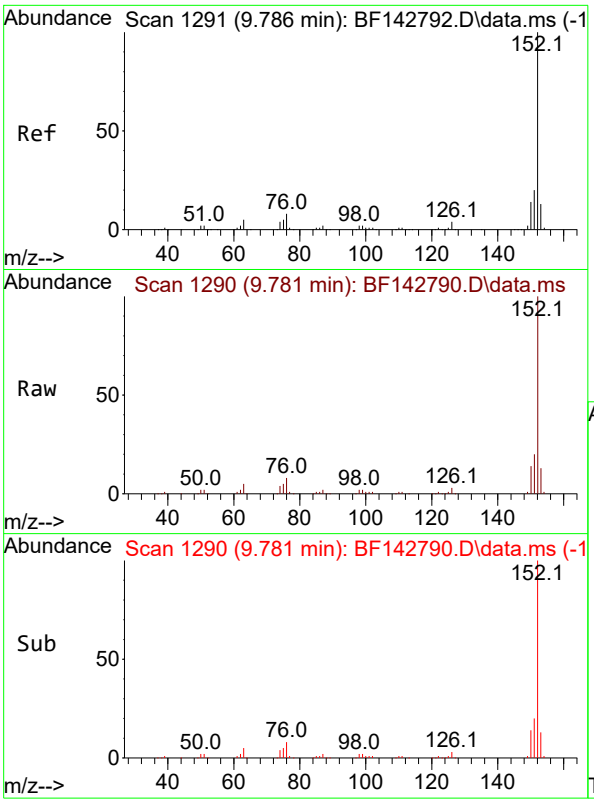


#48
2-Nitroaniline
Concen: 10.117 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion: 65 Resp: 26075

Ion	Ratio	Lower	Upper
65	100		
92	67.8	53.8	80.6
138	109.0	89.6	134.4



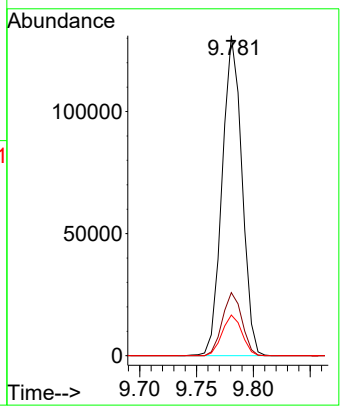


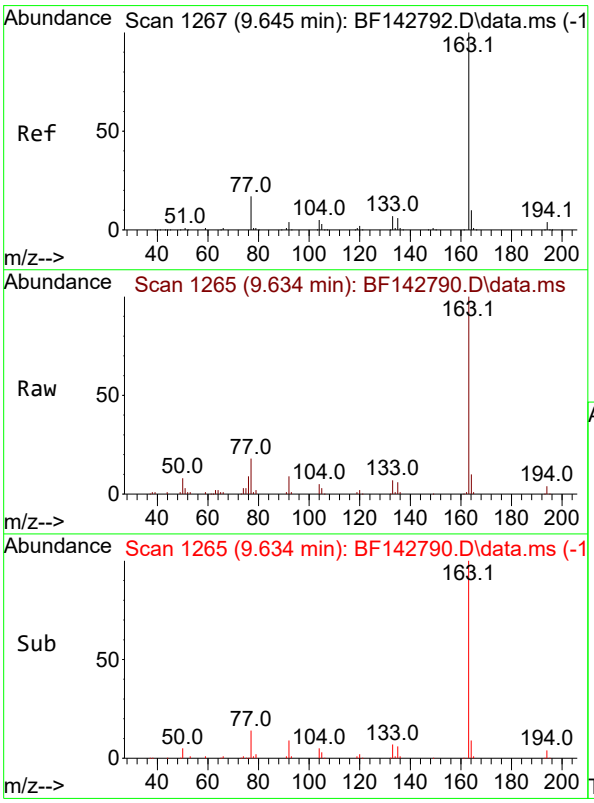
#49
Acenaphthylene
Concen: 10.415 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 158842

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	12.7	10.4	15.6

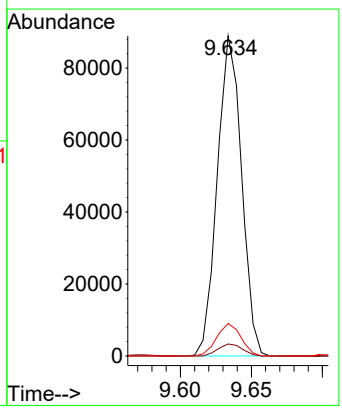


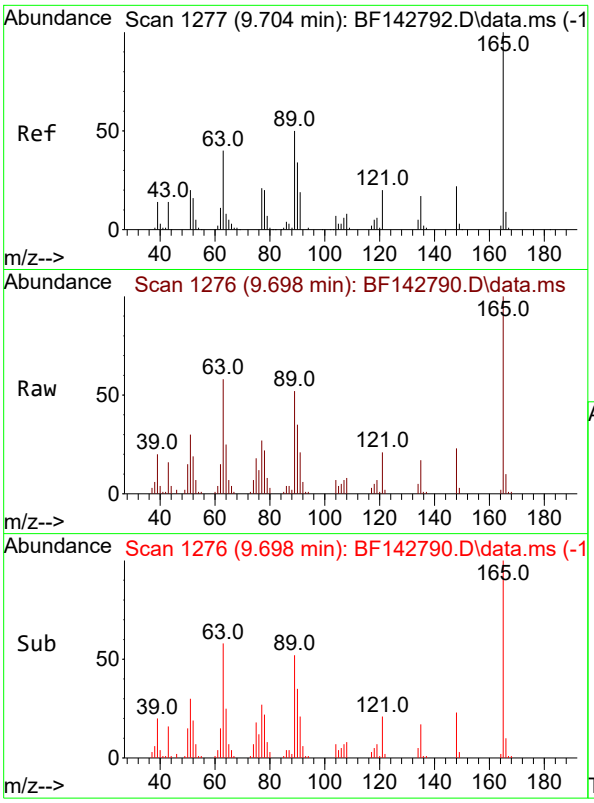


#50
Dimethylphthalate
Concen: 10.058 ng
RT: 9.634 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:163 Resp: 105636

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.1	8.0	12.0



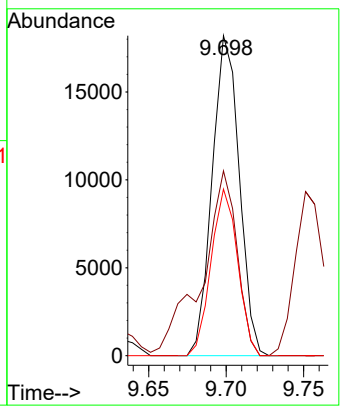


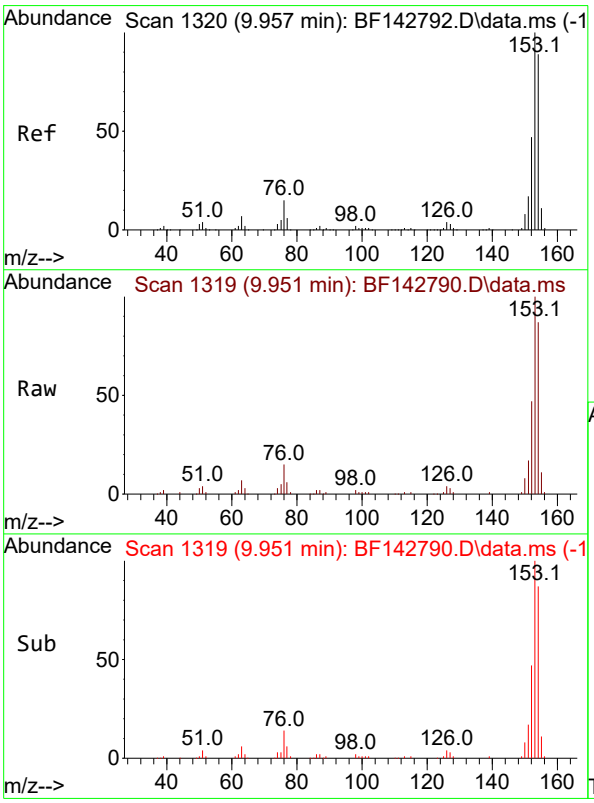
#51
2,6-Dinitrotoluene
Concen: 9.714 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 22116

Ion	Ratio	Lower	Upper
165	100		
63	57.7	44.2	66.4
89	52.1	39.8	59.8

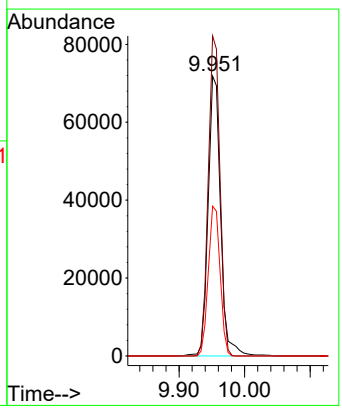


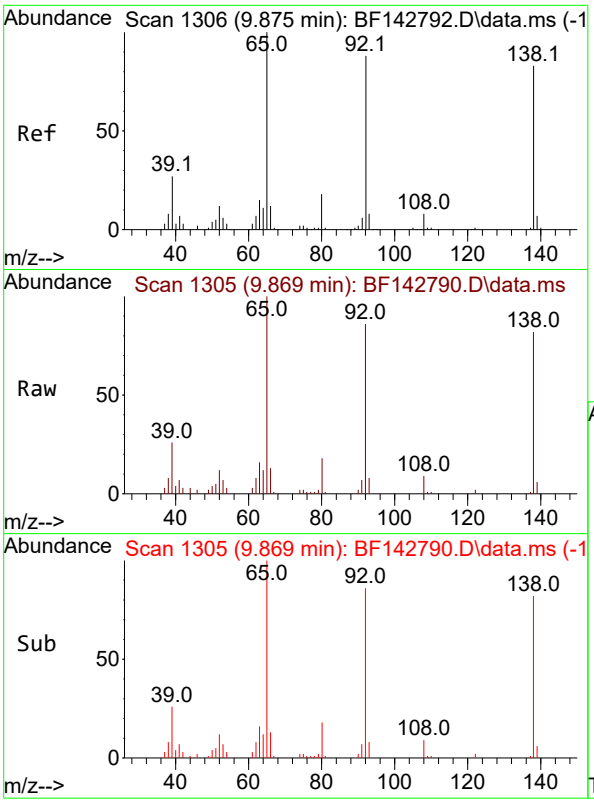


#52
Acenaphthene
Concen: 10.062 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:154 Resp: 94961

Ion	Ratio	Lower	Upper
154	100		
153	114.4	90.0	135.0
152	53.5	41.9	62.9



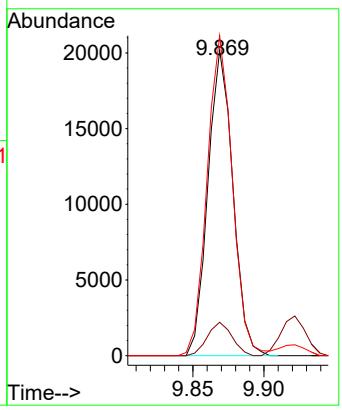


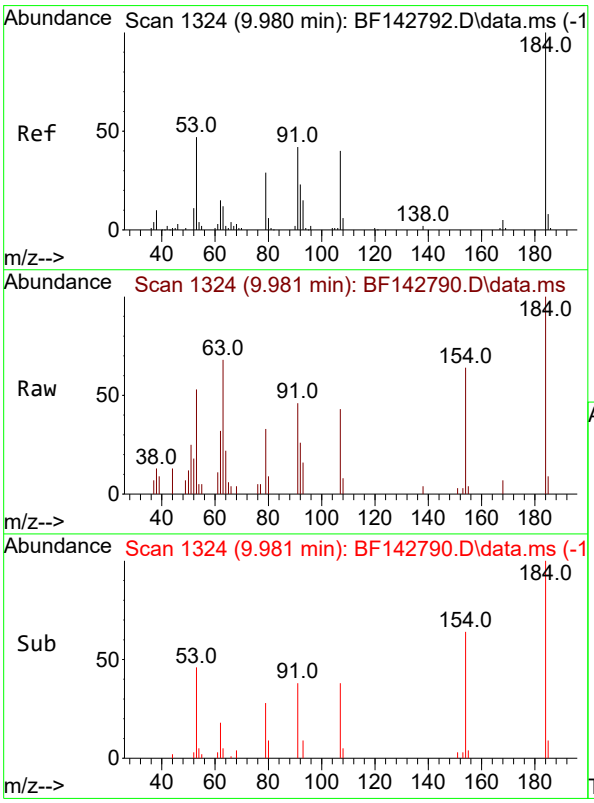
#53
3-Nitroaniline
Concen: 9.968 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 24651

Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.1	12.1
92	104.8	85.1	127.7

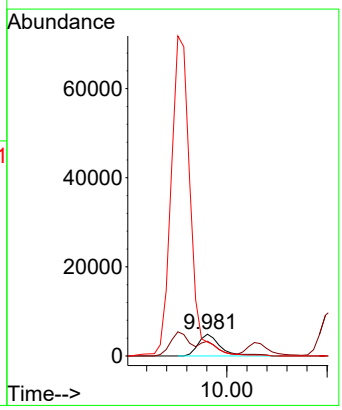


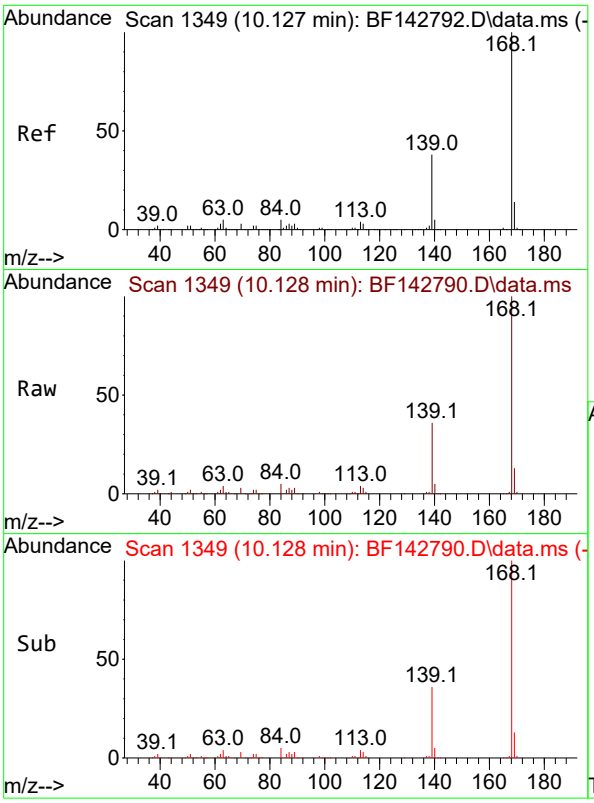


#54
2,4-Dinitrophenol
Concen: 6.104 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:184 Resp: 7521

Ion	Ratio	Lower	Upper
184	100		
63	67.7	50.6	75.8
154	64.1	51.8	77.8



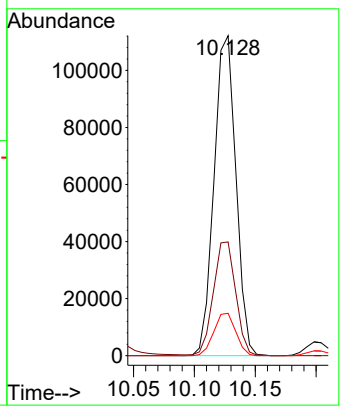


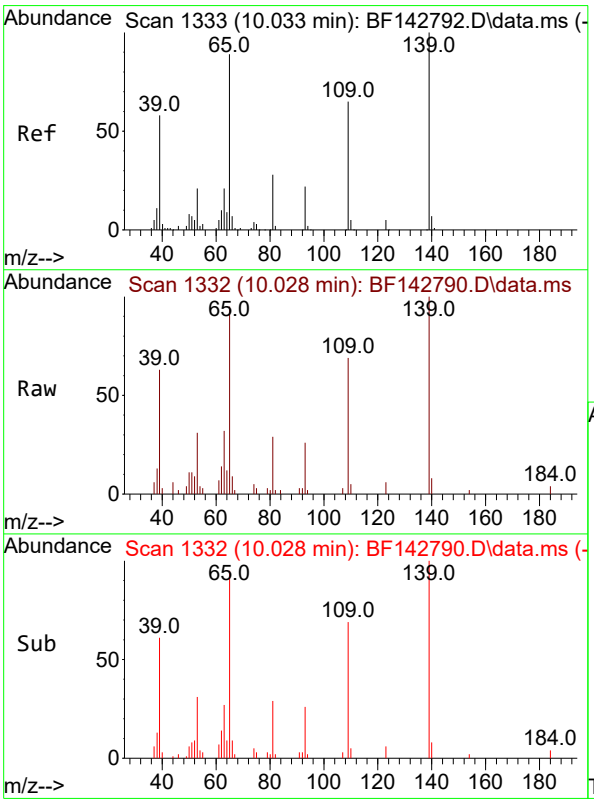
#55
Dibenzofuran
Concen: 10.416 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 140256

Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.2	45.4
169	13.3	10.8	16.2

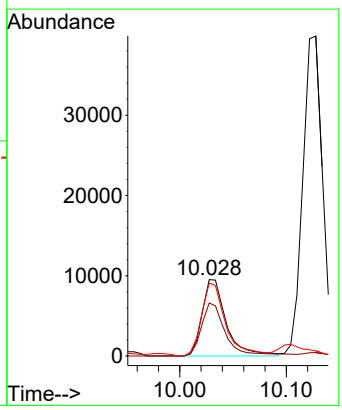


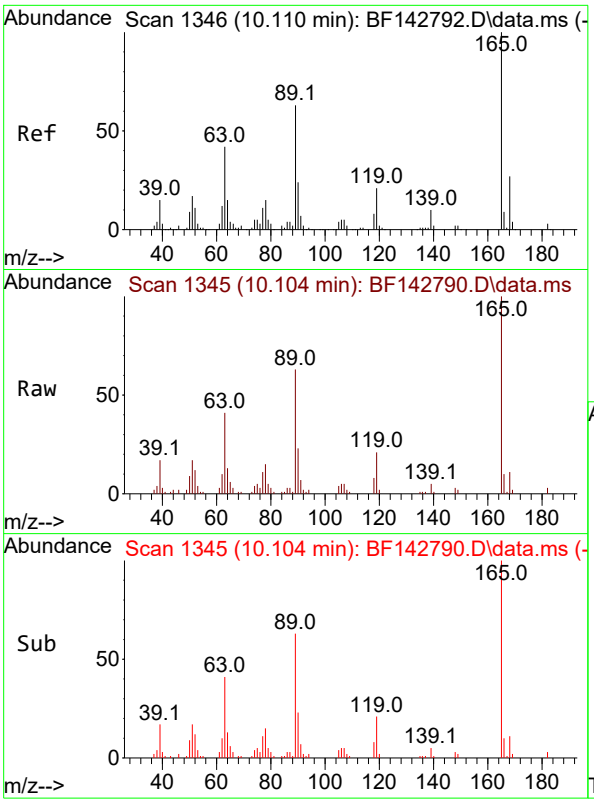


#56
4-Nitrophenol
Concen: 8.927 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:139 Resp: 14986

Ion	Ratio	Lower	Upper
139	100		
109	69.3	44.7	84.7
65	95.5	69.8	109.8



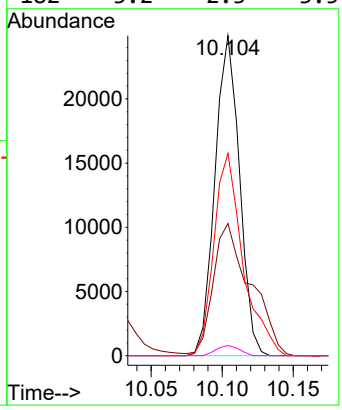


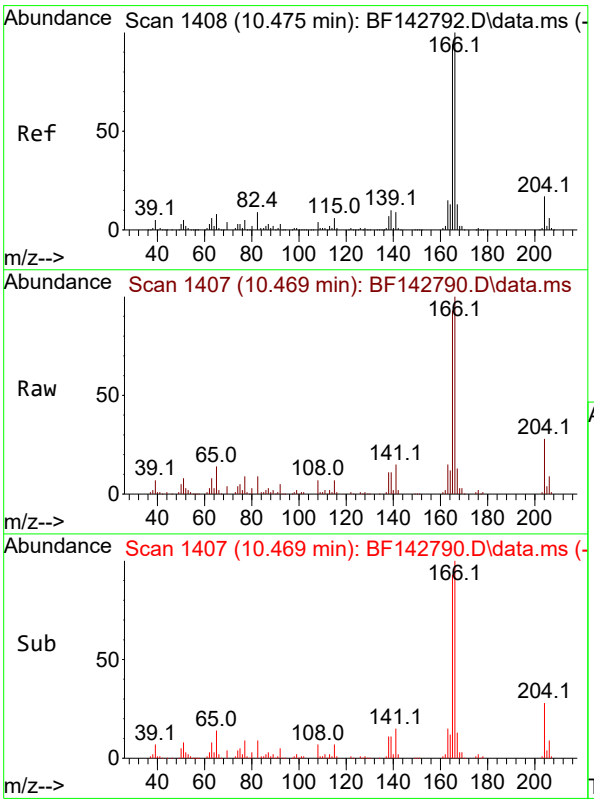
#57
2,4-Dinitrotoluene
Concen: 9.943 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 29934

Ion	Ratio	Lower	Upper
165	100		
63	41.3	33.9	50.9
89	63.2	50.6	75.8
182	3.2	2.3	3.5

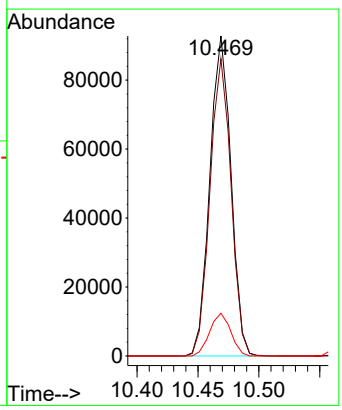


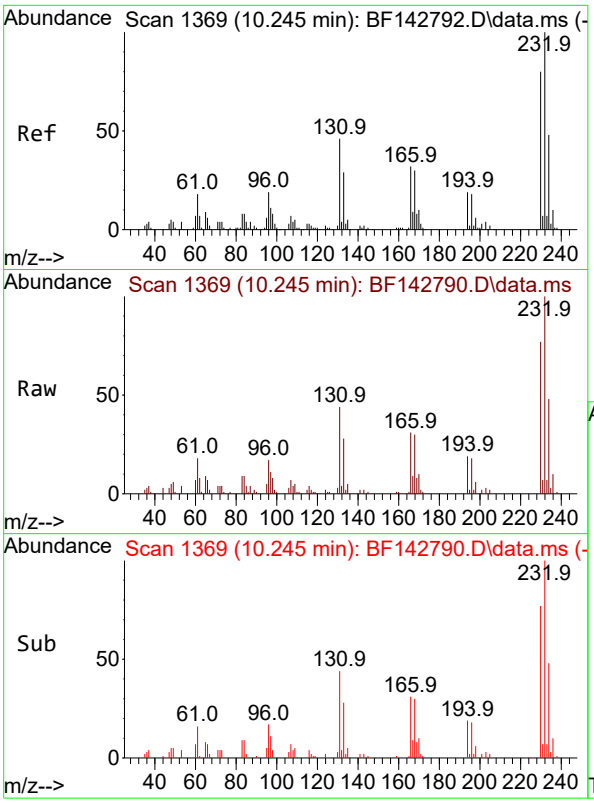


#58
Fluorene
Concen: 10.518 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:166 Resp: 111772

Ion	Ratio	Lower	Upper
166	100		
165	92.9	75.2	112.8
167	13.3	10.6	15.8



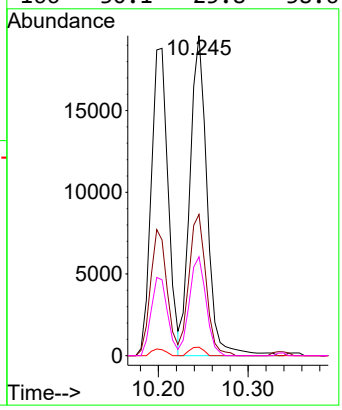


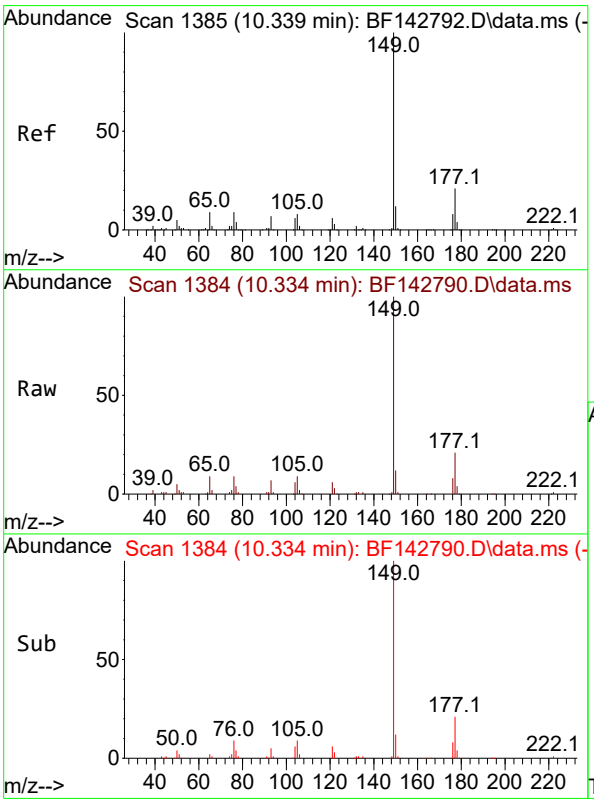
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.666 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 25885

Ion	Ratio	Lower	Upper
232	100		
131	44.2	37.6	56.4
130	2.2	1.7	2.5
166	30.1	25.8	38.6

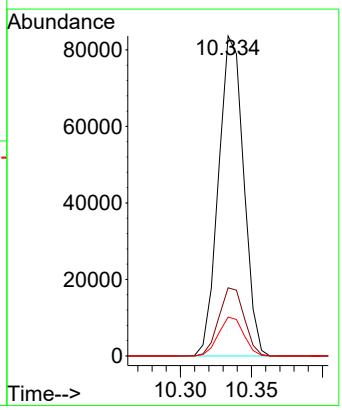


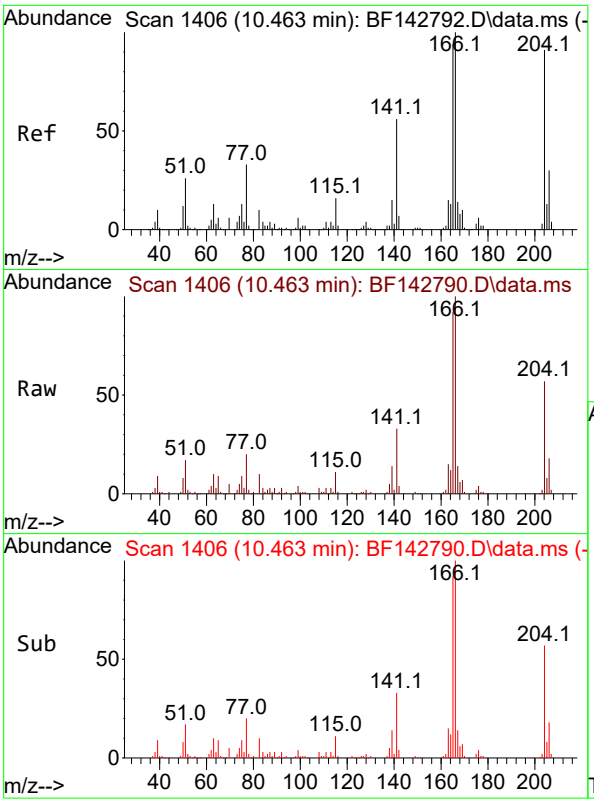


#60
Diethylphthalate
Concen: 9.877 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:149 Resp: 103048

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.0	25.6
150	12.2	9.8	14.6



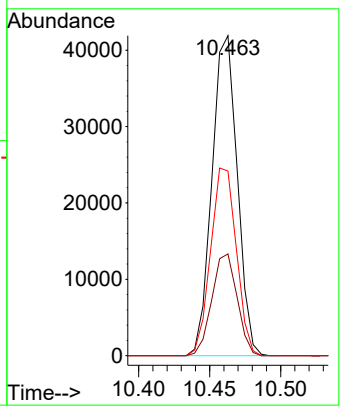


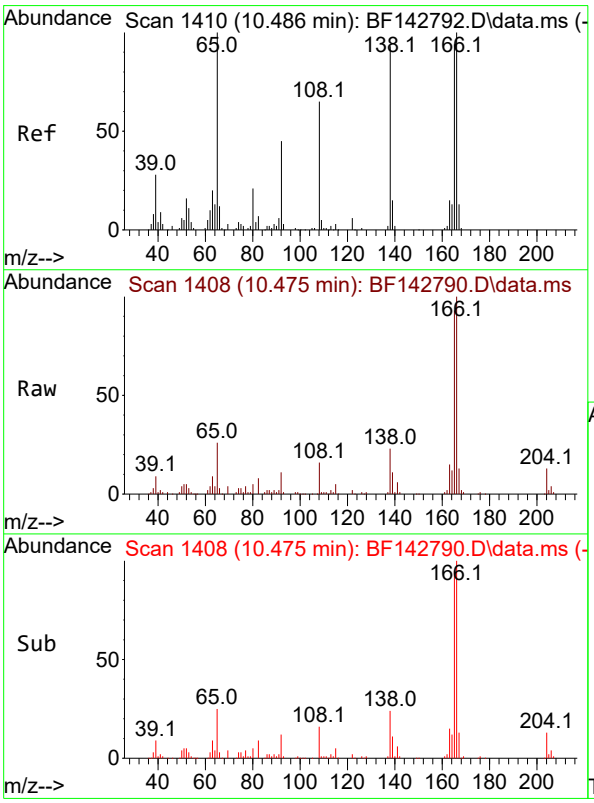
#61
4-Chlorophenyl-phenylether
Concen: 10.067 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 51958

Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.3	39.5
141	57.7	49.1	73.7

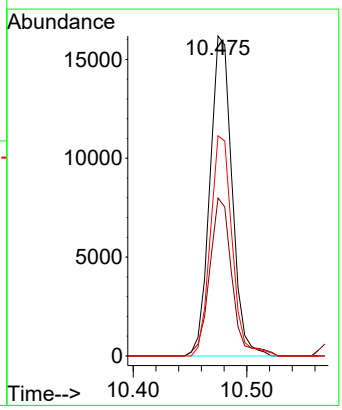


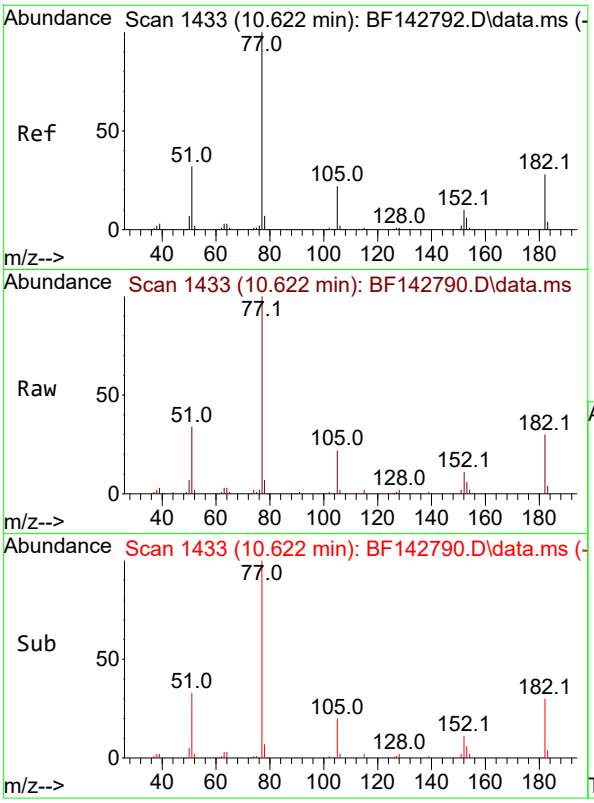


#62
4-Nitroaniline
Concen: 9.854 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:138 Resp: 21876

Ion	Ratio	Lower	Upper
138	100		
92	49.3	28.4	68.4
108	68.8	50.2	90.2



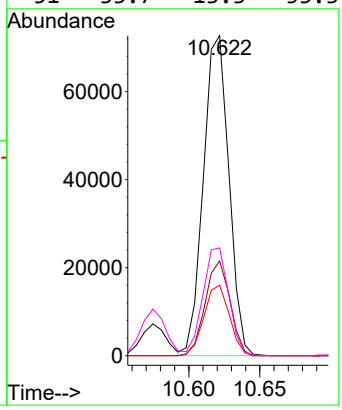


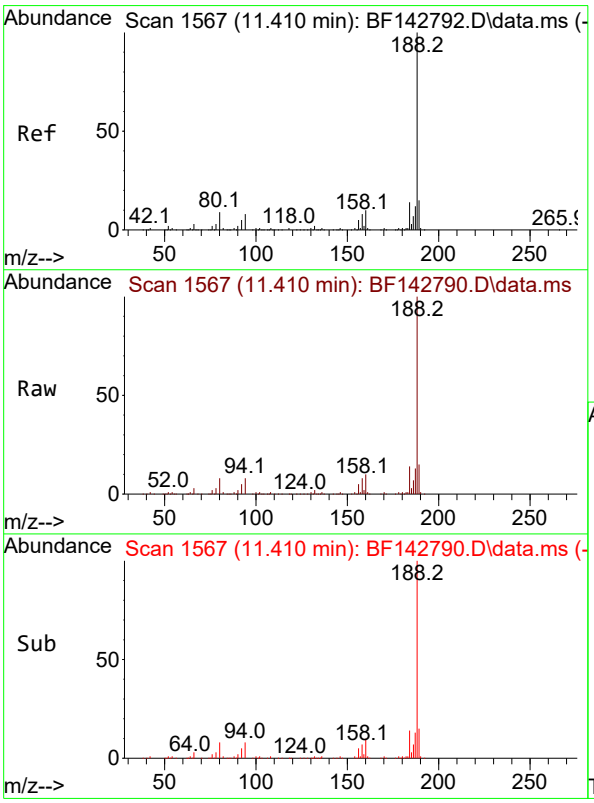
#63
Azobenzene
Concen: 9.977 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 90965

Ion	Ratio	Lower	Upper
77	100		
182	29.6	7.7	47.7
105	22.0	1.9	41.9
51	33.7	13.3	53.3

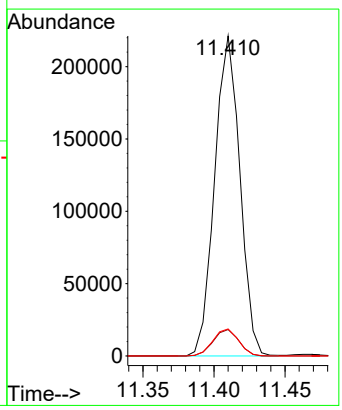


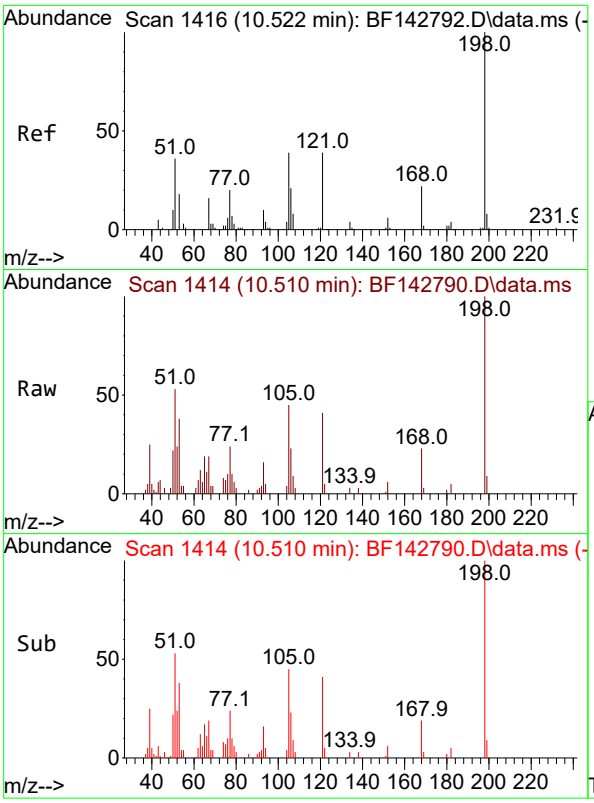


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:188 Resp: 273084

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.5	6.9	10.3



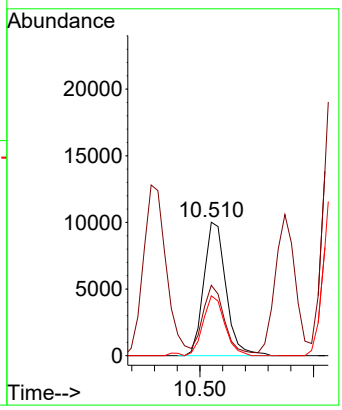


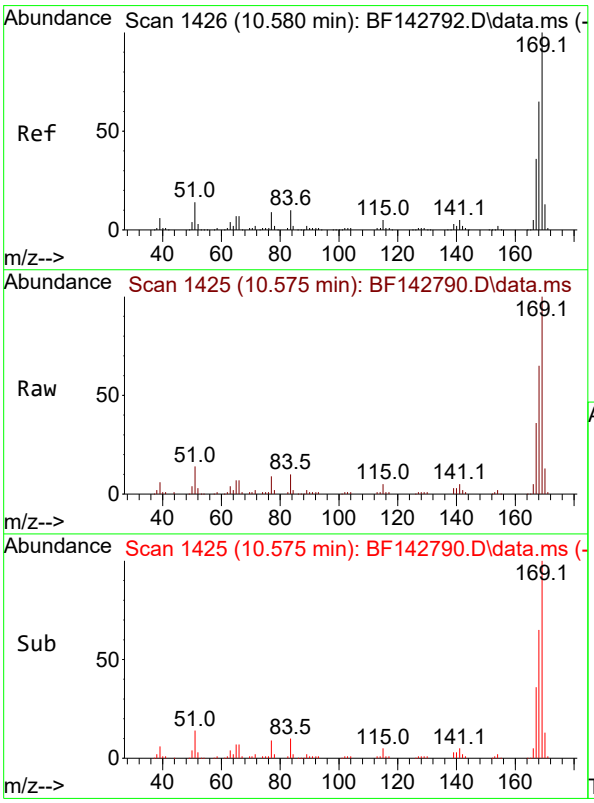
#65
4,6-Dinitro-2-methylphenol
Concen: 7.982 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 13545

Ion	Ratio	Lower	Upper
198	100		
51	52.8	25.4	65.4
105	44.8	20.4	60.4

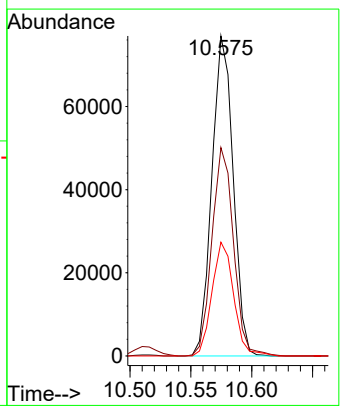


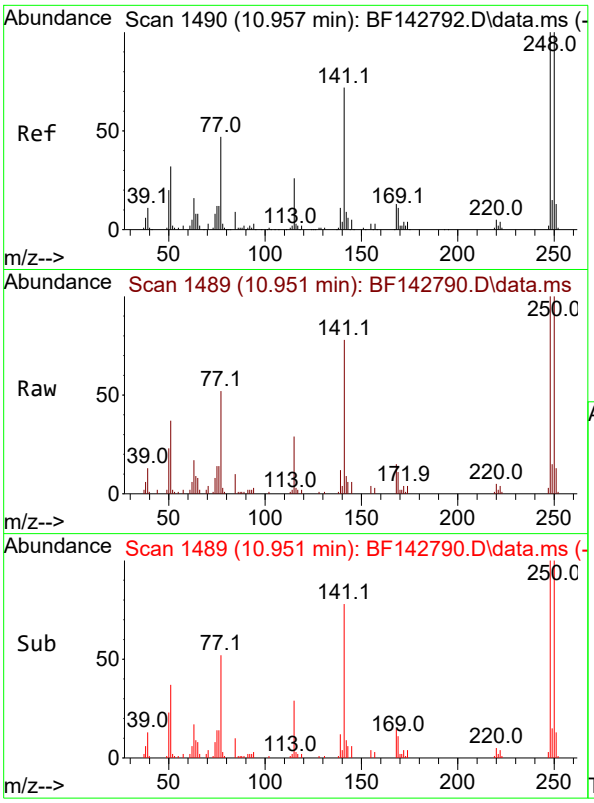


#66
n-Nitrosodiphenylamine
Concen: 9.978 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:169 Resp: 93632

Ion	Ratio	Lower	Upper
169	100		
168	65.1	51.9	77.9
167	35.6	28.5	42.7



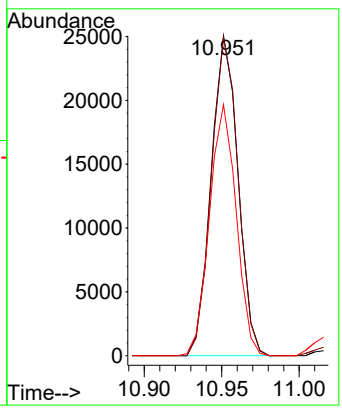


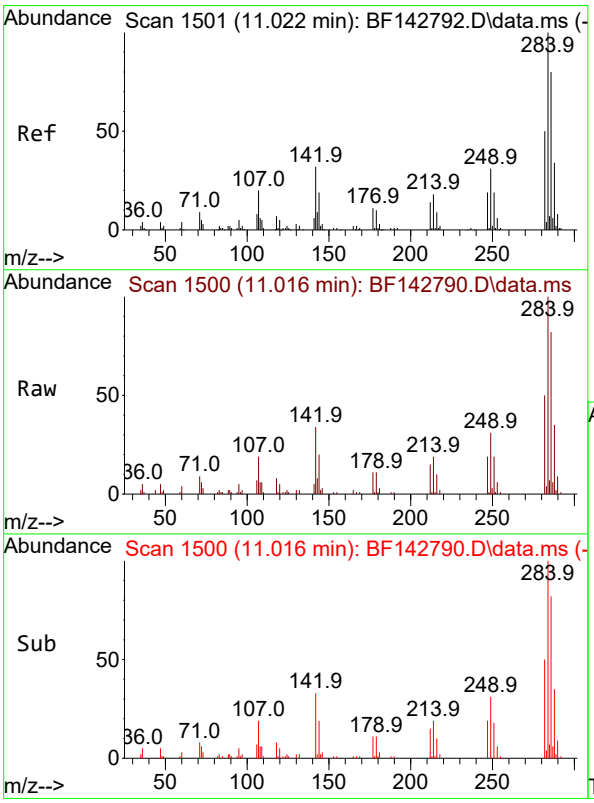
#67
4-Bromophenyl-phenylether
Concen: 9.425 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 30145

Ion	Ratio	Lower	Upper
248	100		
250	99.6	79.8	119.8
141	78.4	57.8	86.6

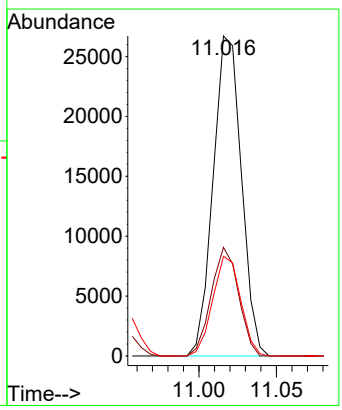


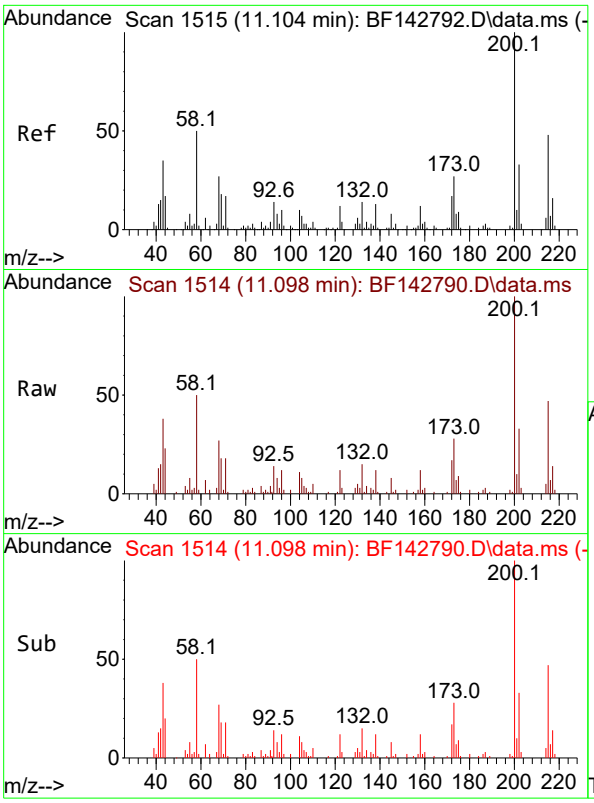


#68
Hexachlorobenzene
Concen: 9.530 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:284 Resp: 33838

Ion	Ratio	Lower	Upper
284	100		
142	34.0	25.5	38.3
249	31.2	24.9	37.3



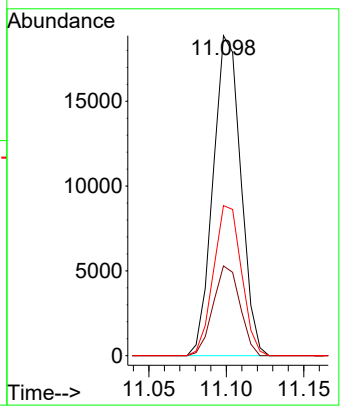


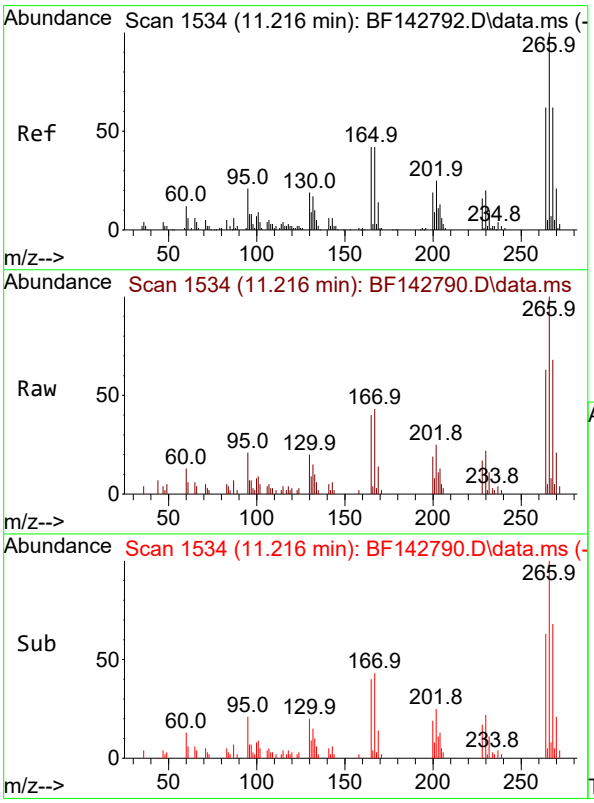
#69
Atrazine
Concen: 9.401 ng
RT: 11.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 23423

Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.4	47.4
215	46.9	28.4	68.4

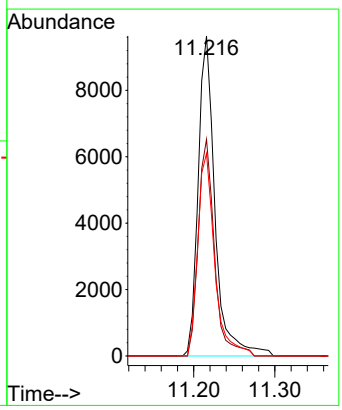


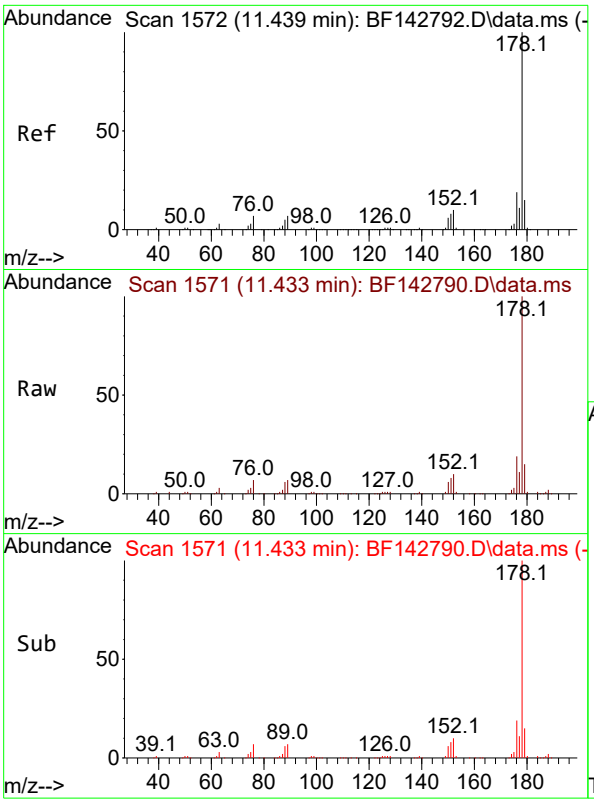


#70
Pentachlorophenol
Concen: 7.534 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:266 Resp: 13894

Ion	Ratio	Lower	Upper
266	100		
268	67.7	49.8	74.8
264	63.2	49.9	74.9



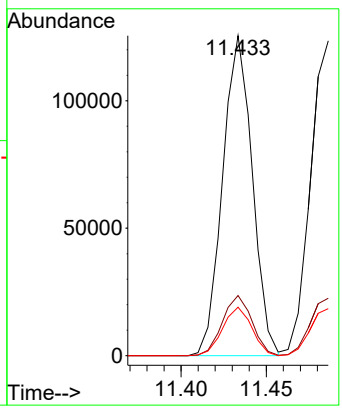


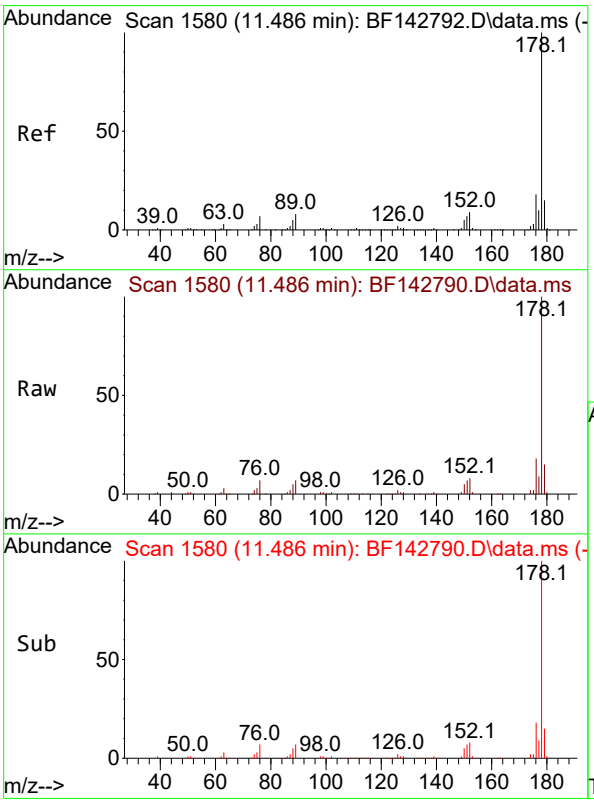
#71
Phenanthrene
Concen: 10.396 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 151997

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.1	12.0	18.0

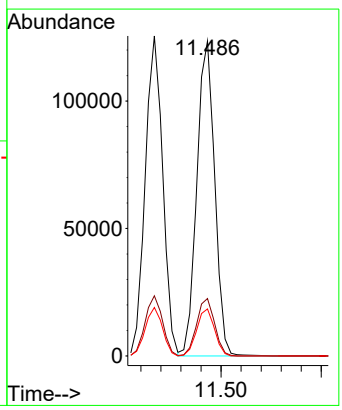


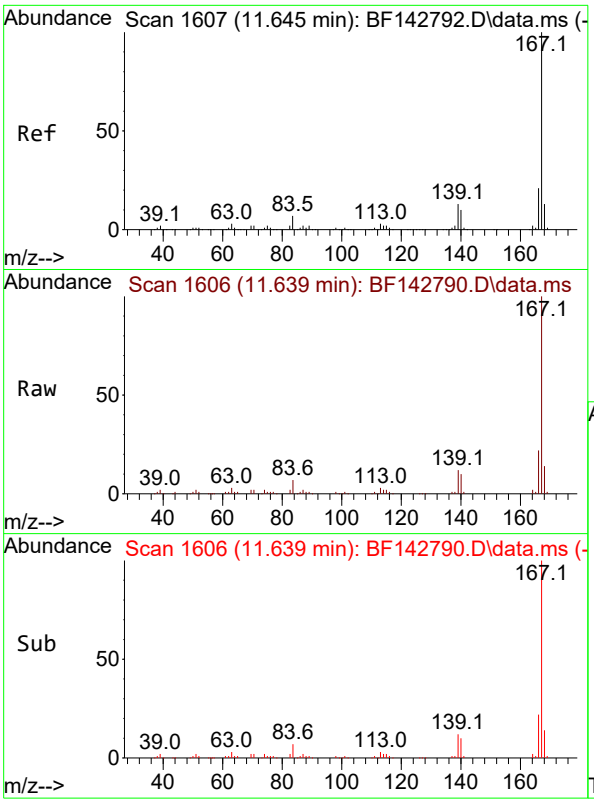


#72
Anthracene
Concen: 10.135 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:178 Resp: 153376

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.0	12.4	18.6



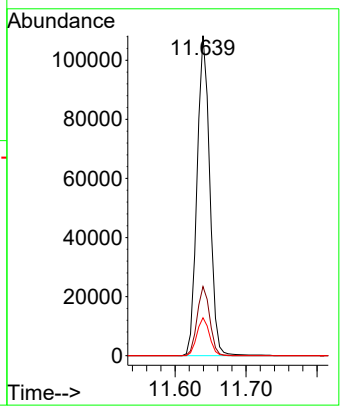


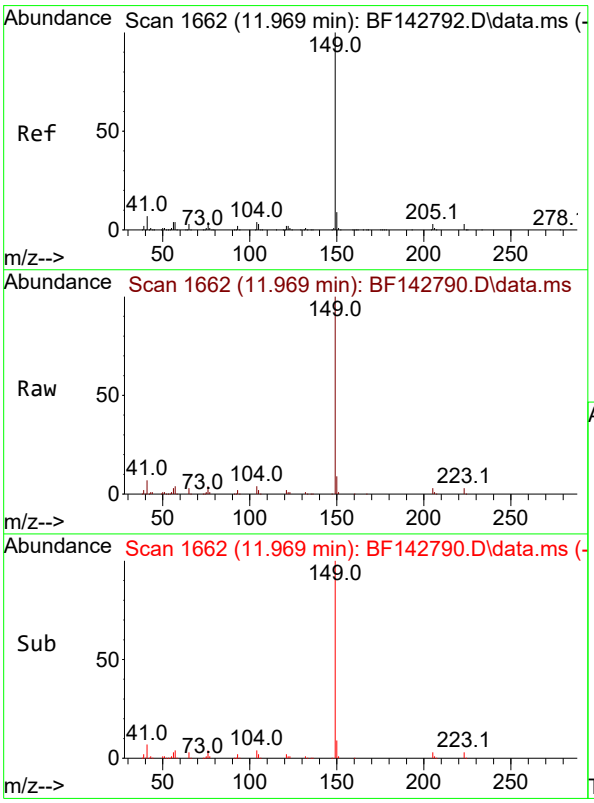
#73
Carbazole
Concen: 10.625 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 134656

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.4
139	11.8	10.2	15.2

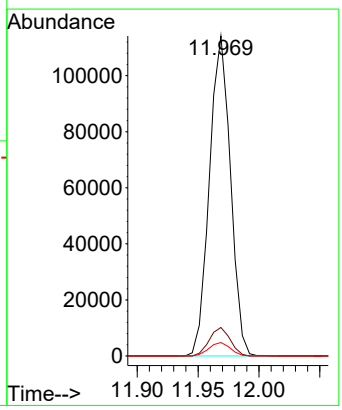


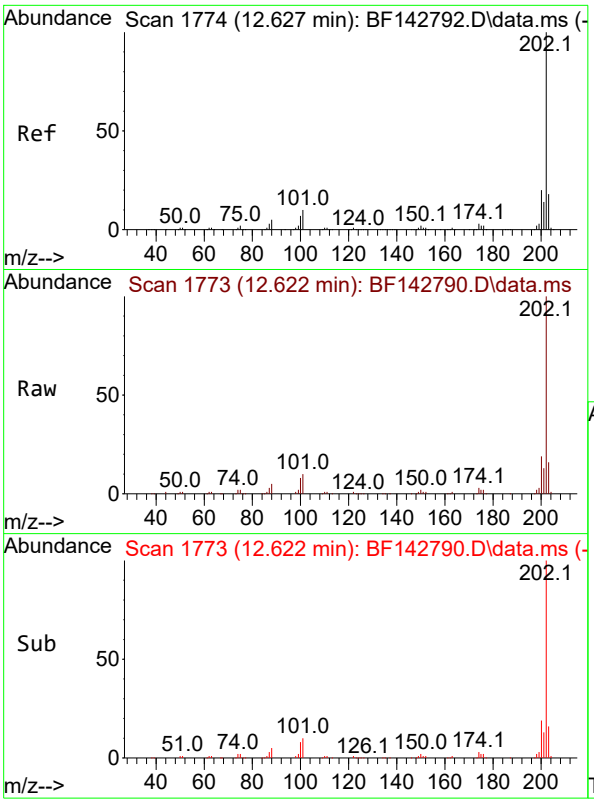


#74
Di-n-butylphthalate
Concen: 9.784 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:149 Resp: 137293

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	4.2	3.5	5.3



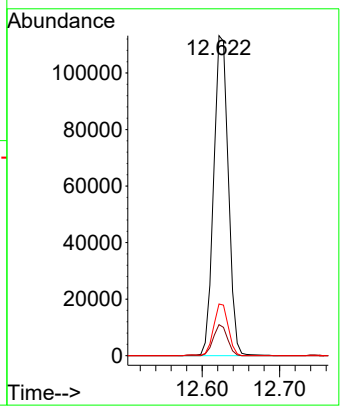


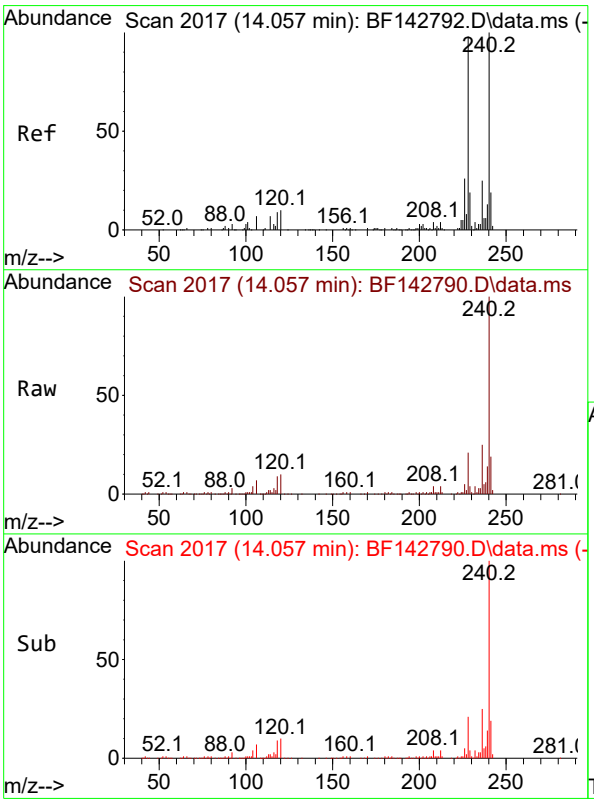
#75
Fluoranthene
Concen: 10.693 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 148540

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.7
203	16.2	0.0	37.5

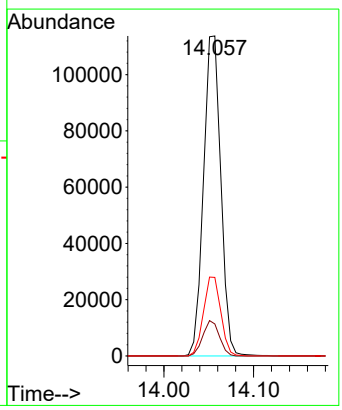


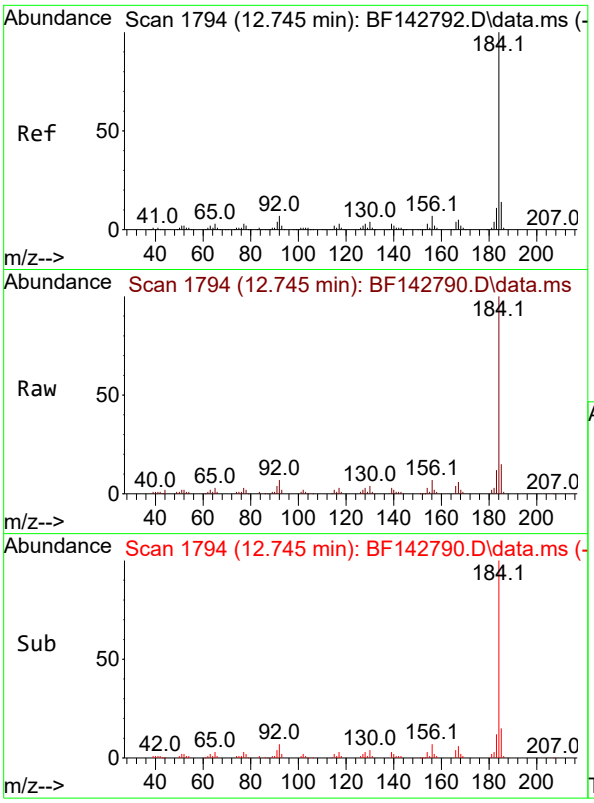


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:240 Resp: 152374

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.2
236	24.6	19.8	29.8



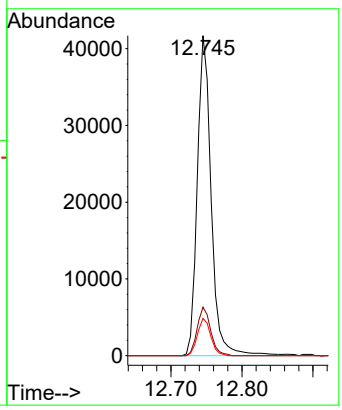


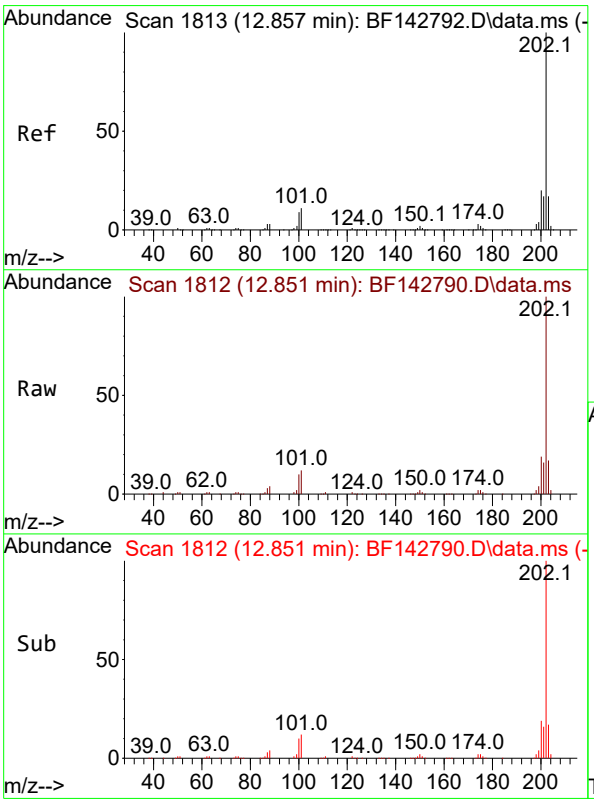
#77
Benzidine
Concen: 10.524 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 56769

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.5	17.3
183	11.6	9.0	13.4

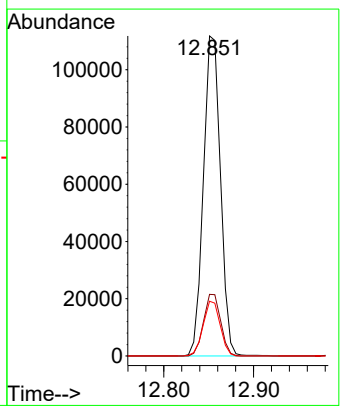


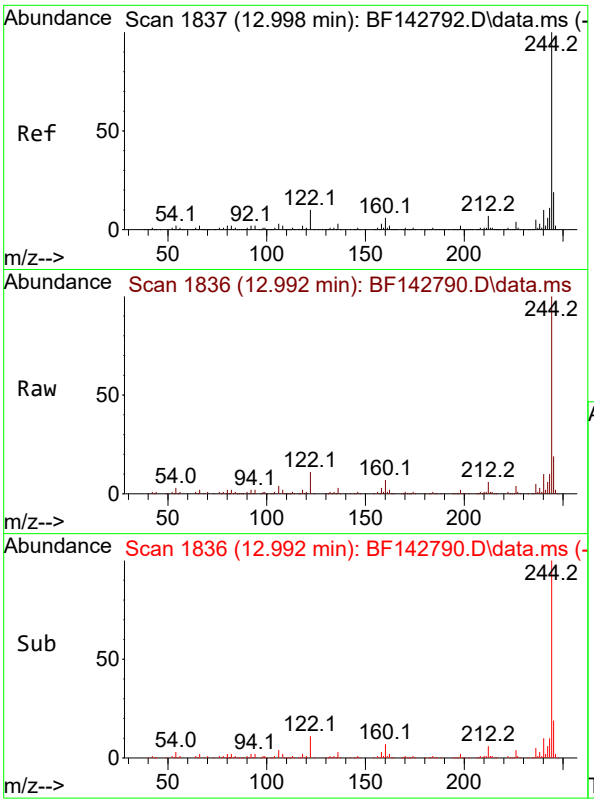


#78
Pyrene
Concen: 10.553 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:202 Resp: 147819

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.7	23.5
203	17.1	13.8	20.6



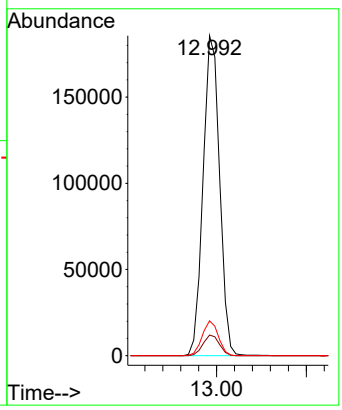


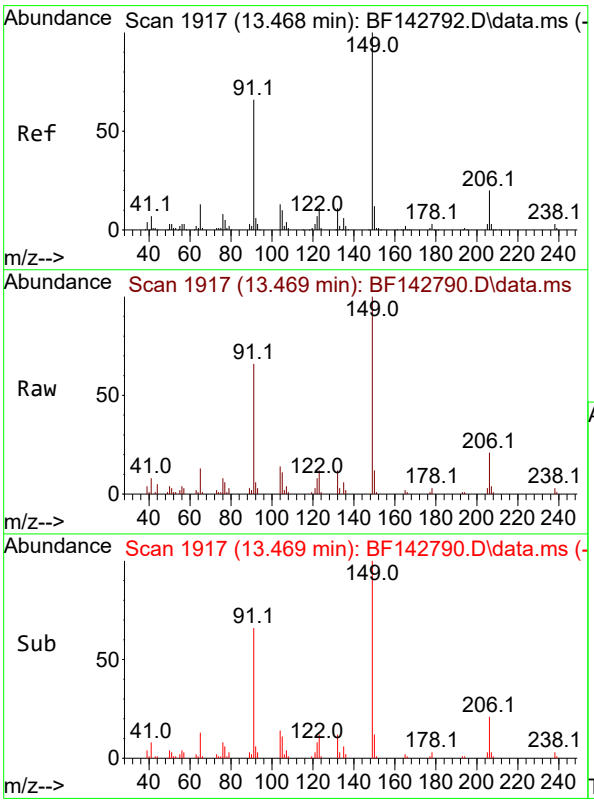
#79
Terphenyl-d14
Concen: 21.651 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 237037

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.9	8.2	12.2

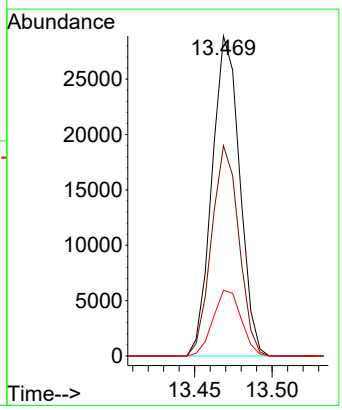


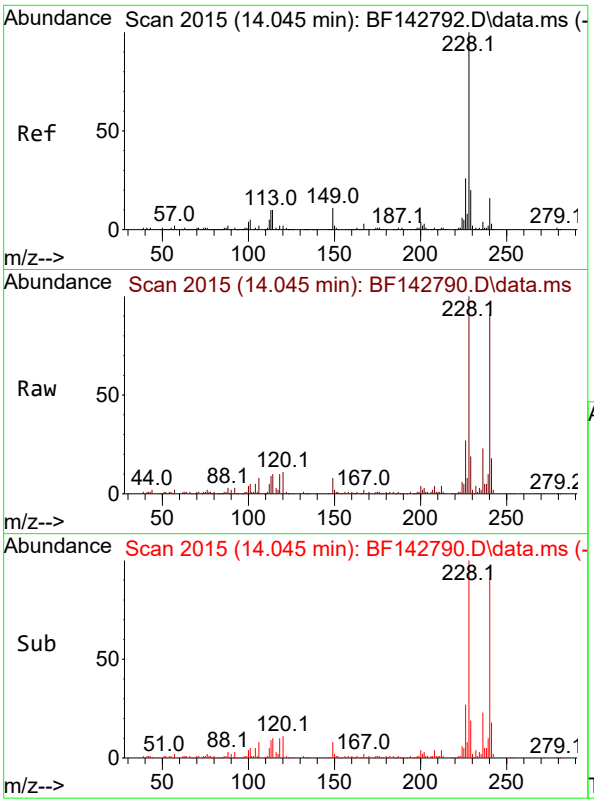


#80
Butylbenzylphthalate
Concen: 8.635 ng
RT: 13.469 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:149 Resp: 35843

Ion	Ratio	Lower	Upper
149	100		
91	65.7	52.9	79.3
206	20.5	16.3	24.5



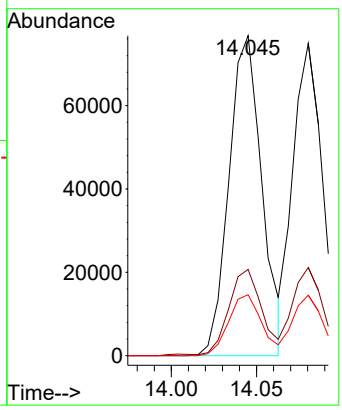


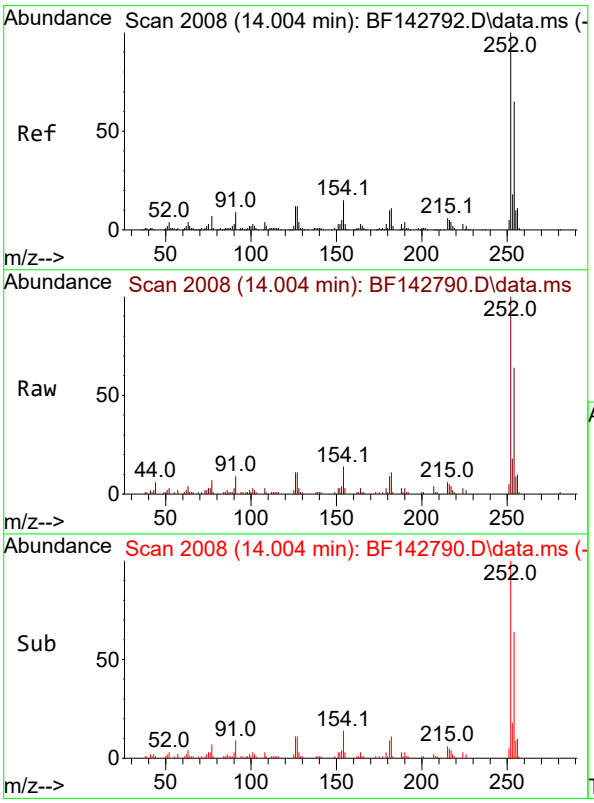
#81
Benzo(a)anthracene
Concen: 10.345 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 103495

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	19.1	15.6	23.4

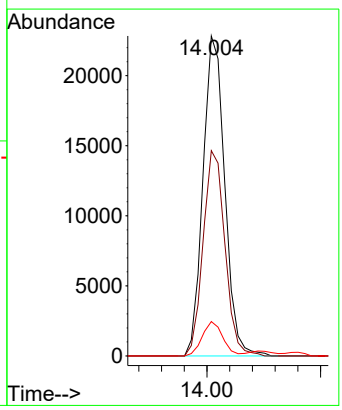


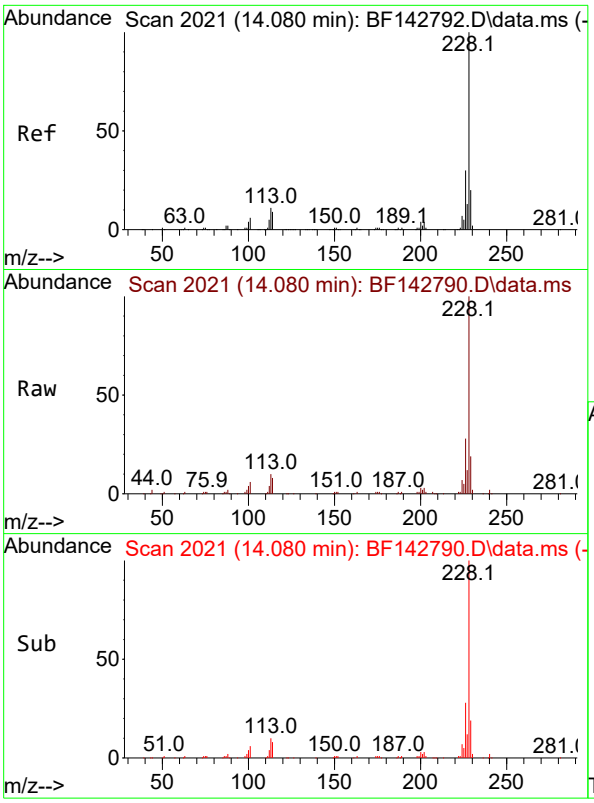


#82
3,3'-Dichlorobenzidine
Concen: 9.368 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:252 Resp: 30349

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.7	77.5
126	10.8	9.4	14.2



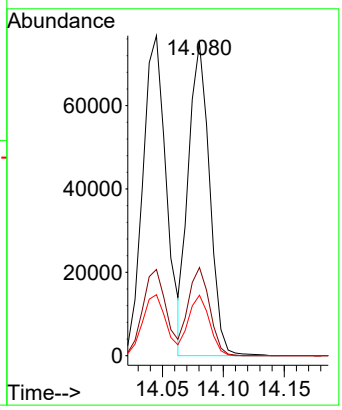


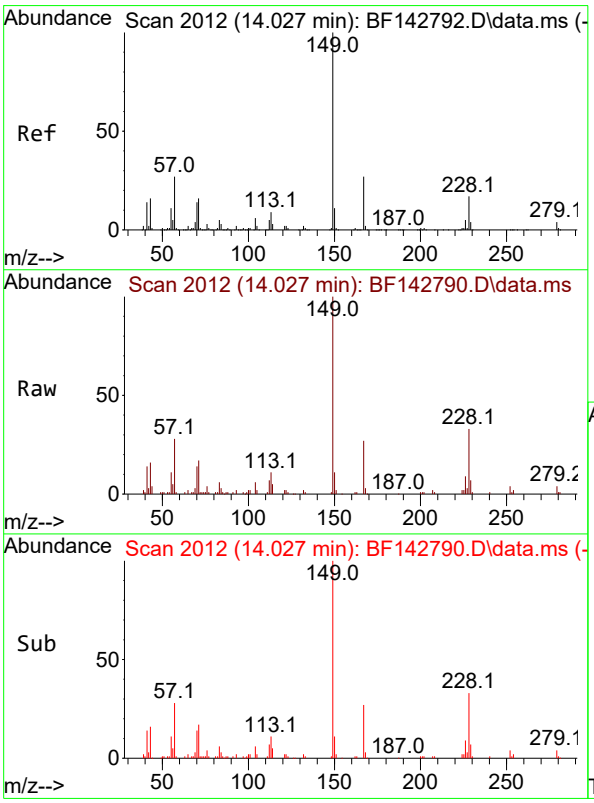
#83
Chrysene
Concen: 9.741 ng
RT: 14.080 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 90725

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.7	35.5
229	19.4	15.7	23.5

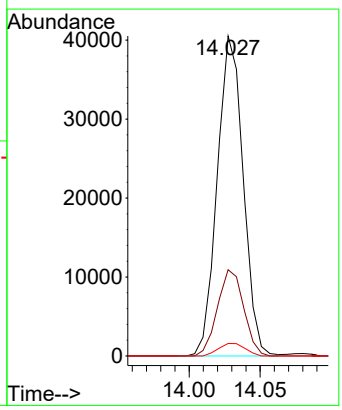


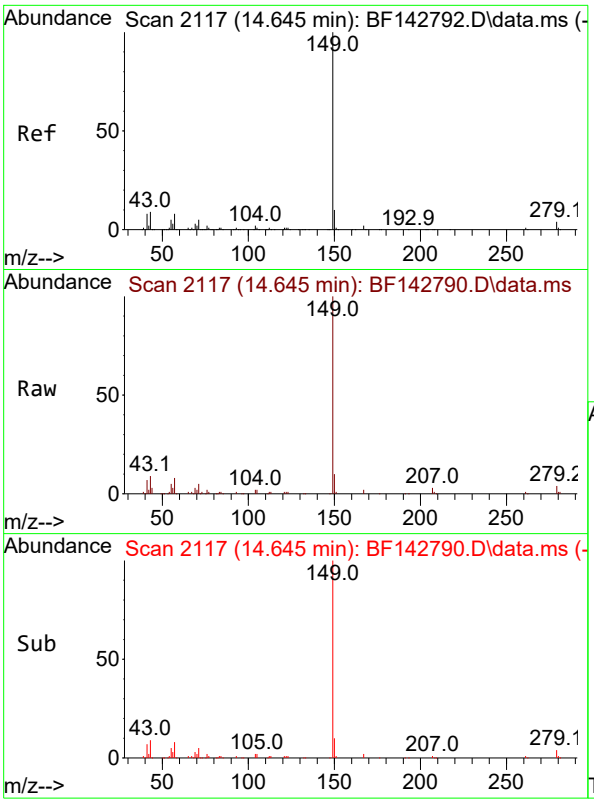


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.316 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:149 Resp: 51432

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	3.9	3.0	4.6



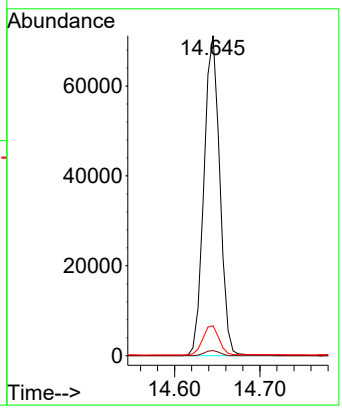


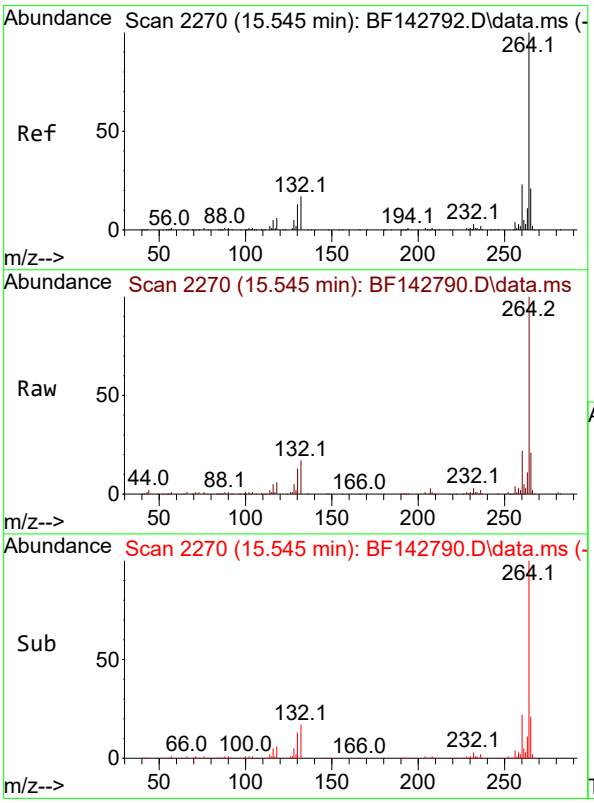
#85
Di-n-octyl phthalate
Concen: 7.805 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 91989

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.3	7.6	11.4

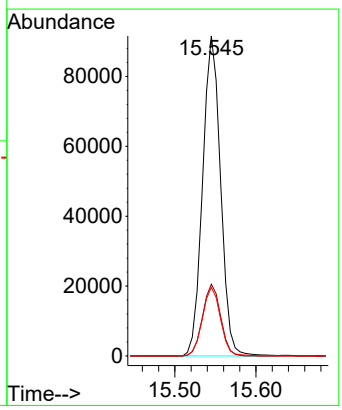


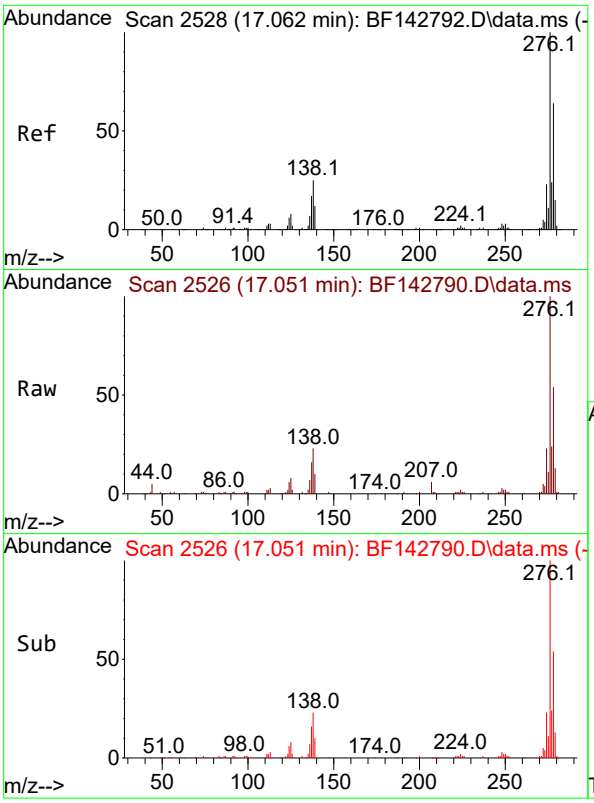


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:264 Resp: 140417

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.1	27.1
265	21.5	16.6	25.0



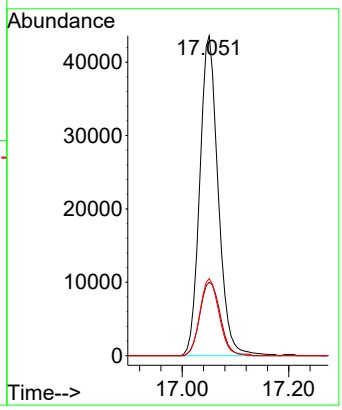


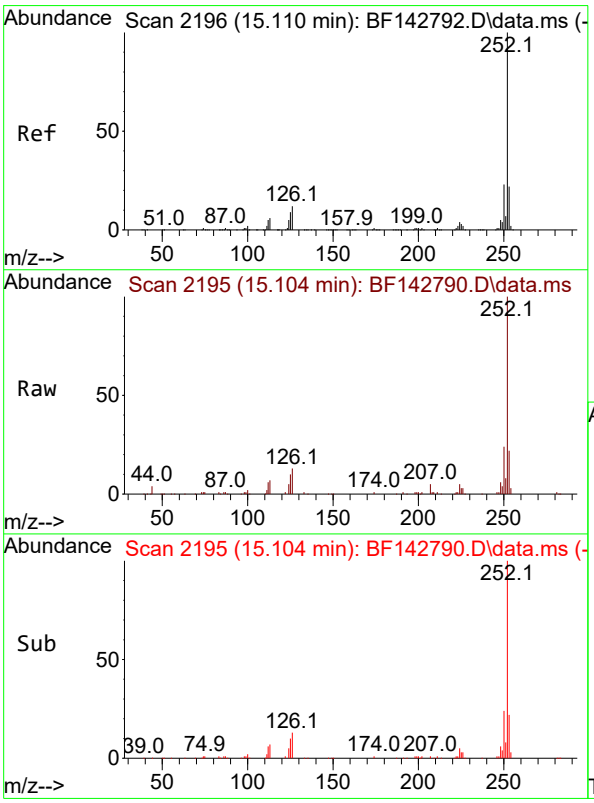
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.061 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 104445

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.2	30.4
277	25.0	19.8	29.6

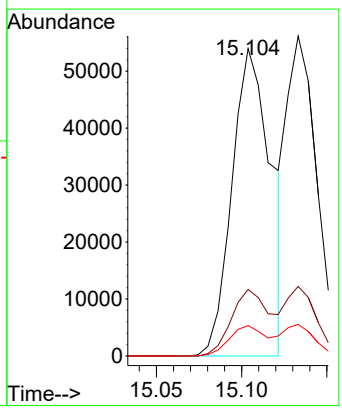


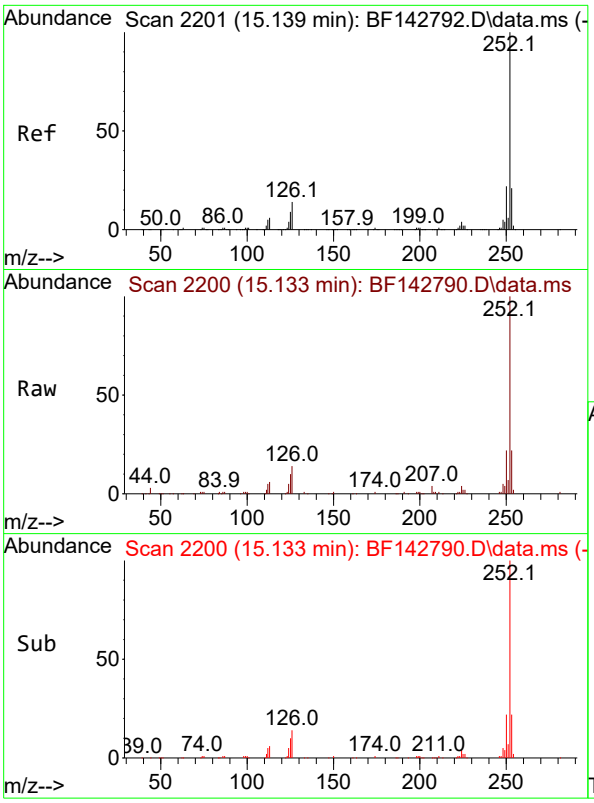


#88
Benzo(b)fluoranthene
Concen: 10.478 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:252 Resp: 85689

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.9	7.4	11.0



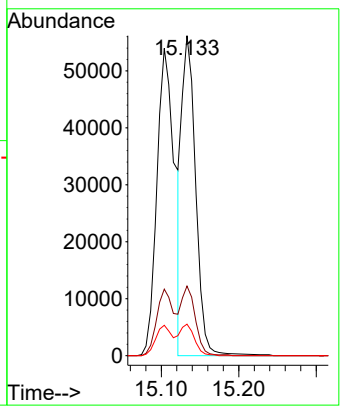


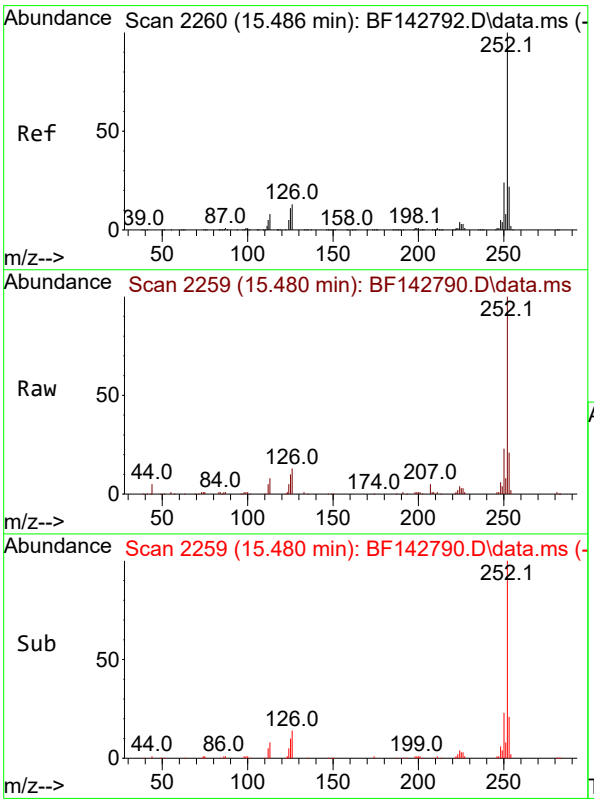
#89
Benzo(k)fluoranthene
Concen: 8.828 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 70470

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.9	7.4	11.2

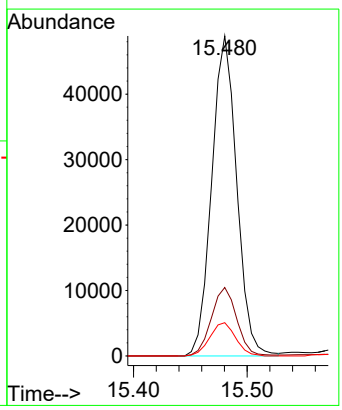


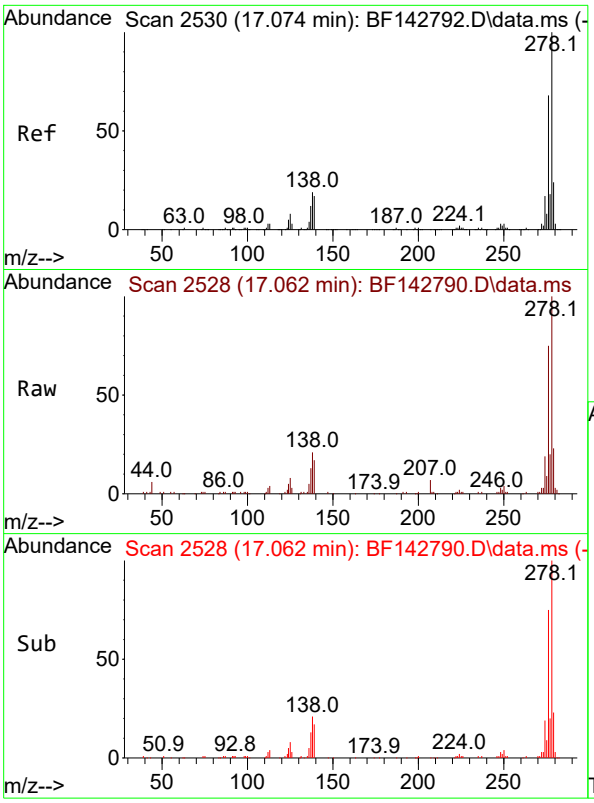


#90
Benzo(a)pyrene
Concen: 9.558 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:252 Resp: 74803

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	10.4	8.6	12.8



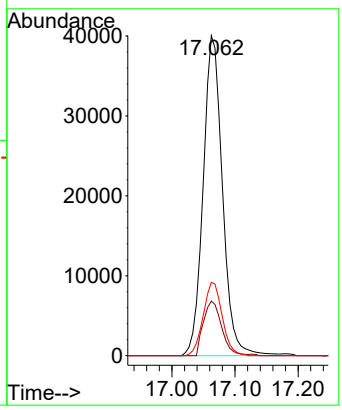


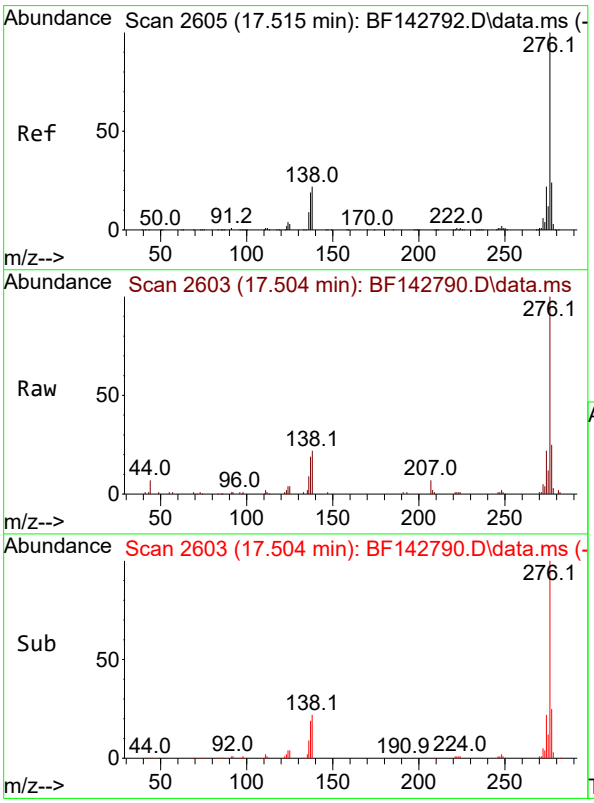
#91
Dibenzo(a,h)anthracene
Concen: 10.099 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 85238

Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.5	20.3
279	22.9	18.8	28.2

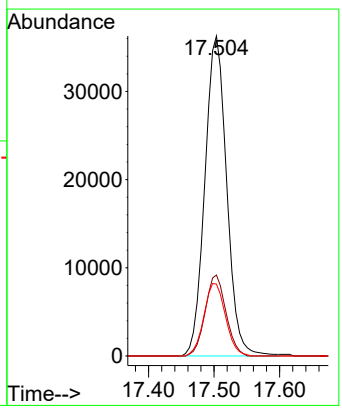




#92
Benzo(g,h,i)perylene
Concen: 9.989 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:276 Resp: 84115

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	22.5	17.6	26.4



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142791.D
Acq On : 19 Jun 2025 18:39
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jun 20 04:39:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83780	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	312367	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	164603	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	277149	20.000	ng	0.00
76) Chrysene-d12	14.057	240	151398	20.000	ng	0.00
86) Perylene-d12	15.545	264	151331	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	206126	41.963	ng	0.00
7) Phenol-d6	6.504	99	238437	41.338	ng	0.00
23) Nitrobenzene-d5	7.440	82	233268	40.933	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	70502	39.411	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	524084	42.356	ng	0.00
79) Terphenyl-d14	12.998	244	464214	42.675	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	39464	20.232	ng	99
3) Pyridine	3.410	79	99721	20.419	ng	99
4) n-Nitrosodimethylamine	3.346	42	51716	20.677	ng	94
6) Aniline	6.540	93	158463	20.499	ng	99
8) 2-Chlorophenol	6.663	128	108230	20.235	ng	99
9) Benzaldehyde	6.428	77	79008	22.467	ng	99
10) Phenol	6.516	94	133318	20.730	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	94972	19.905	ng	99
12) 1,3-Dichlorobenzene	6.822	146	123139	20.218	ng	99
13) 1,4-Dichlorobenzene	6.899	146	123337	19.980	ng	99
14) 1,2-Dichlorobenzene	7.051	146	118033	20.001	ng	100
15) Benzyl Alcohol	7.016	79	85856	19.885	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	152035	20.224	ng	99
17) 2-Methylphenol	7.128	107	82097	20.077	ng	99
18) Hexachloroethane	7.393	117	42435	19.229	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	69761	19.178	ng	99
20) 3+4-Methylphenols	7.281	107	105750	20.547	ng	97
22) Acetophenone	7.287	105	143274	20.730	ng	99
24) Nitrobenzene	7.463	77	103569	20.450	ng	97
25) Isophorone	7.698	82	185071	19.365	ng	100
26) 2-Nitrophenol	7.781	139	56979	20.191	ng	99
27) 2,4-Dimethylphenol	7.816	122	99256	20.659	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	119505	20.087	ng	99
29) 2,4-Dichlorophenol	8.022	162	90497	20.437	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	99320	20.304	ng	99
31) Naphthalene	8.187	128	313467	20.405	ng	100
32) Benzoic acid	7.898	122	45969	17.245	ng	98
33) 4-Chloroaniline	8.234	127	127623	20.729	ng	99
34) Hexachlorobutadiene	8.304	225	61994	20.001	ng	98
35) Caprolactam	8.587	113	23555	19.769	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	89279	19.518	ng	99
37) 2-Methylnaphthalene	8.881	142	196609	20.287	ng	100
38) 1-Methylnaphthalene	8.975	142	202898	20.165	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	99104	20.857	ng	99
41) Hexachlorocyclopentadiene	9.028	237	50669	16.864	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	64786	21.069	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142791.D
Acq On : 19 Jun 2025 18:39
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jun 20 04:39:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

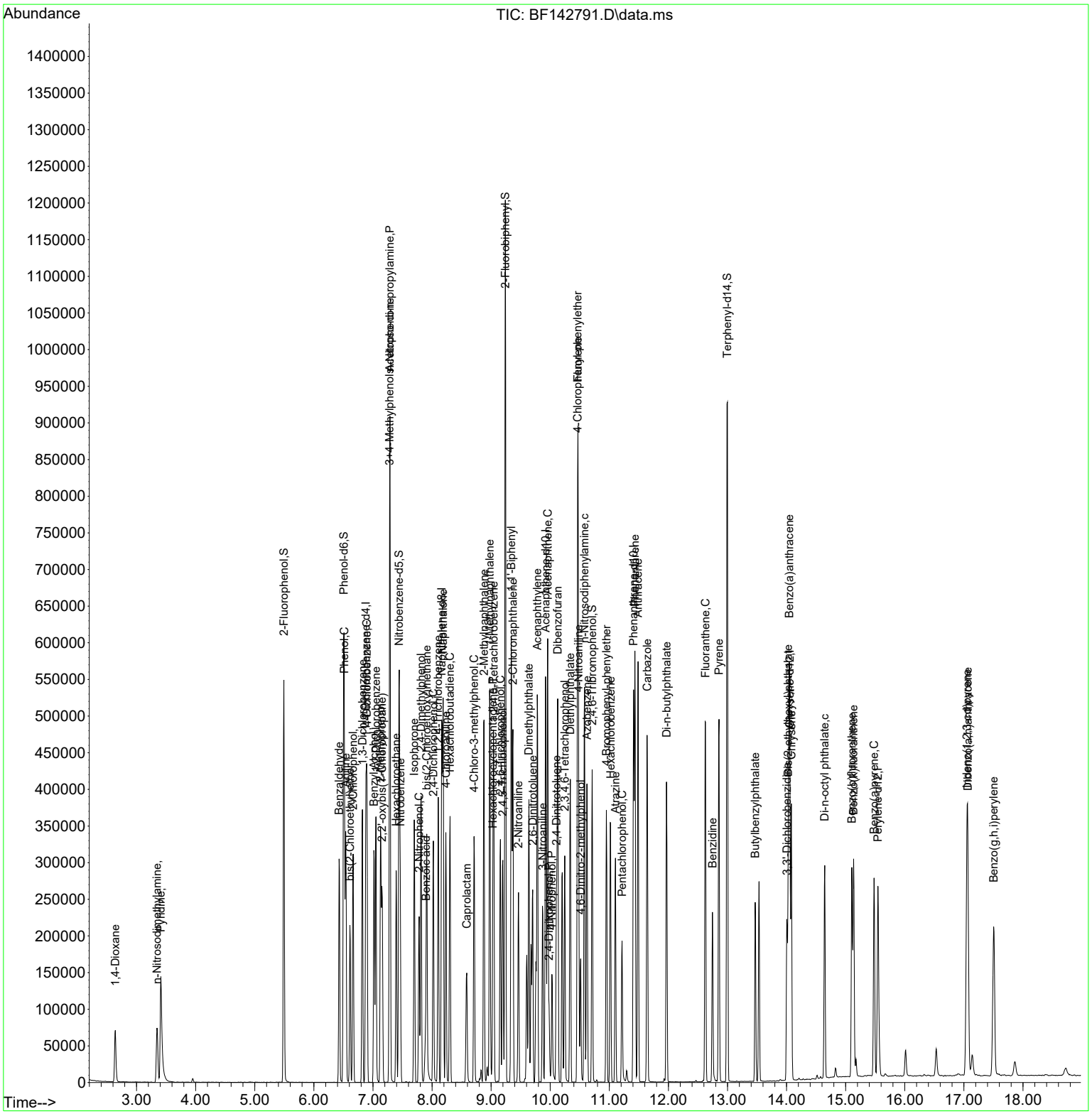
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	69275	20.862	ng	98
46) 1,1'-Biphenyl	9.340	154	269396	21.078	ng	100
47) 2-Chloronaphthalene	9.369	162	198874	21.087	ng	99
48) 2-Nitroaniline	9.463	65	55412	20.681	ng	96
49) Acenaphthylene	9.781	152	331018	20.878	ng	99
50) Dimethylphthalate	9.640	163	218901	20.049	ng	100
51) 2,6-Dinitrotoluene	9.704	165	47707	20.156	ng	99
52) Acenaphthene	9.957	154	204192	20.813	ng	99
53) 3-Nitroaniline	9.875	138	52088	20.261	ng	98
54) 2,4-Dinitrophenol	9.981	184	21231	16.576	ng	97
55) Dibenzofuran	10.128	168	290254	20.736	ng	98
56) 4-Nitrophenol	10.028	139	35937	20.593	ng	98
57) 2,4-Dinitrotoluene	10.104	165	65367	20.887	ng	98
58) Fluorene	10.469	166	229569	20.780	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	55799	20.042	ng	96
60) Diethylphthalate	10.339	149	217133	20.020	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	110133	20.526	ng	98
62) 4-Nitroaniline	10.481	138	48947	21.208	ng	96
63) Azobenzene	10.622	77	192057	20.263	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	32946	19.130	ng	99
66) n-Nitrosodiphenylamine	10.581	169	196840	20.670	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	65137	20.068	ng	97
68) Hexachlorobenzene	11.022	284	71354	19.802	ng	98
69) Atrazine	11.104	200	49963	19.760	ng	99
70) Pentachlorophenol	11.216	266	33089	17.680	ng	97
71) Phenanthrene	11.434	178	309015	20.826	ng	100
72) Anthracene	11.486	178	318388	20.730	ng	100
73) Carbazole	11.639	167	276824	21.523	ng	99
74) Di-n-butylphthalate	11.969	149	289686	20.342	ng	100
75) Fluoranthene	12.628	202	302035	21.424	ng	99
77) Benzidine	12.745	184	130162	24.285	ng	99
78) Pyrene	12.857	202	297999	21.413	ng	100
80) Butylbenzylphthalate	13.469	149	81500	19.761	ng	99
81) Benzo(a)anthracene	14.045	228	206831	20.807	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	66675	20.714	ng	97
83) Chrysene	14.080	228	182829	19.756	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	116092	18.892	ng	99
85) Di-n-octyl phthalate	14.645	149	204632	17.475	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	233757	20.893	ng	99
88) Benzo(b)fluoranthene	15.104	252	185574	21.056	ng	99
89) Benzo(k)fluoranthene	15.133	252	156588	18.201	ng	99
90) Benzo(a)pyrene	15.480	252	170053	20.162	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	195608	21.504	ng	98
92) Benzo(g,h,i)perylene	17.504	276	191567	21.109	ng	99

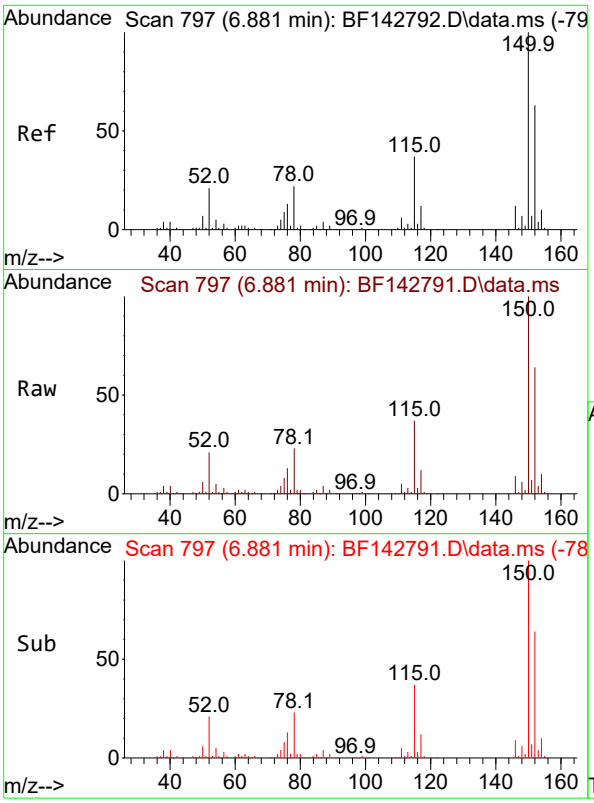
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142791.D
Acq On : 19 Jun 2025 18:39
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jun 20 04:39:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration



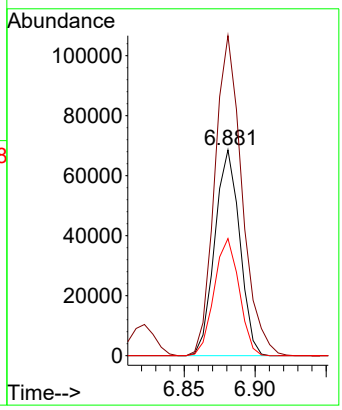


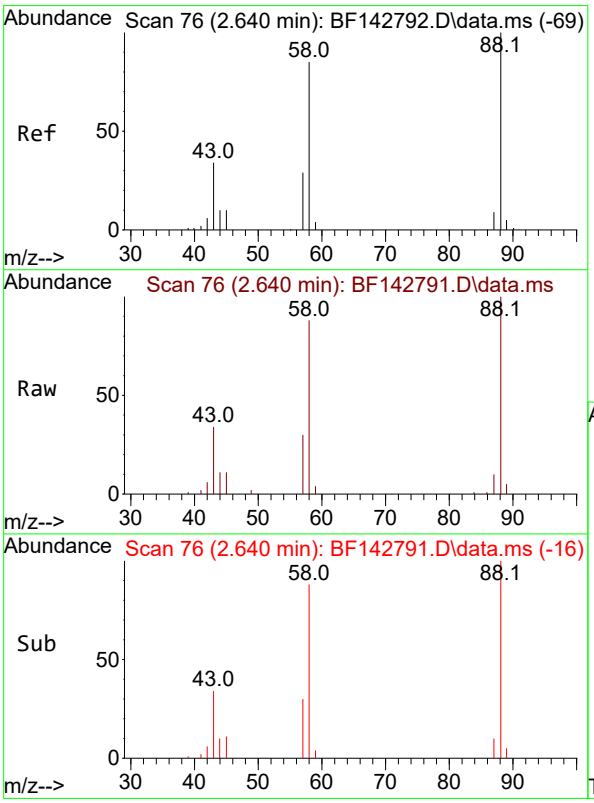
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 83780

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.2	190.8
115	56.9	46.6	69.8

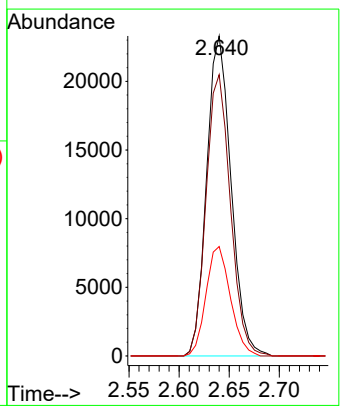


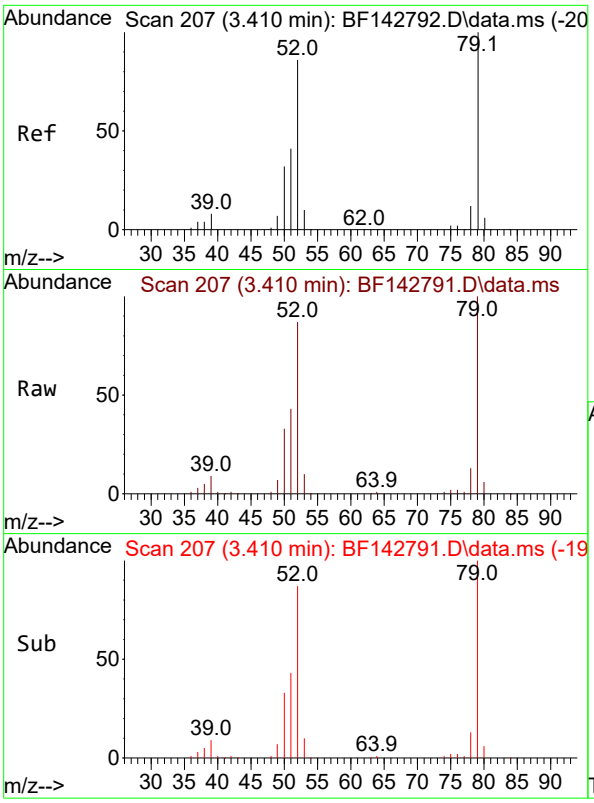


#2
1,4-Dioxane
Concen: 20.232 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion: 88 Resp: 39464

Ion	Ratio	Lower	Upper
88	100		
58	87.5	69.1	103.7
43	34.2	27.4	41.2



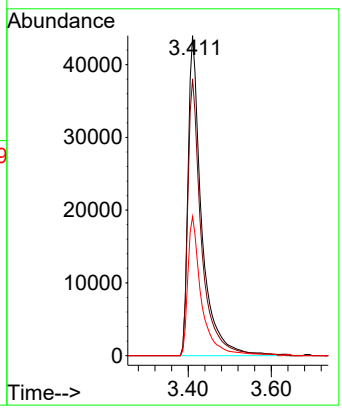


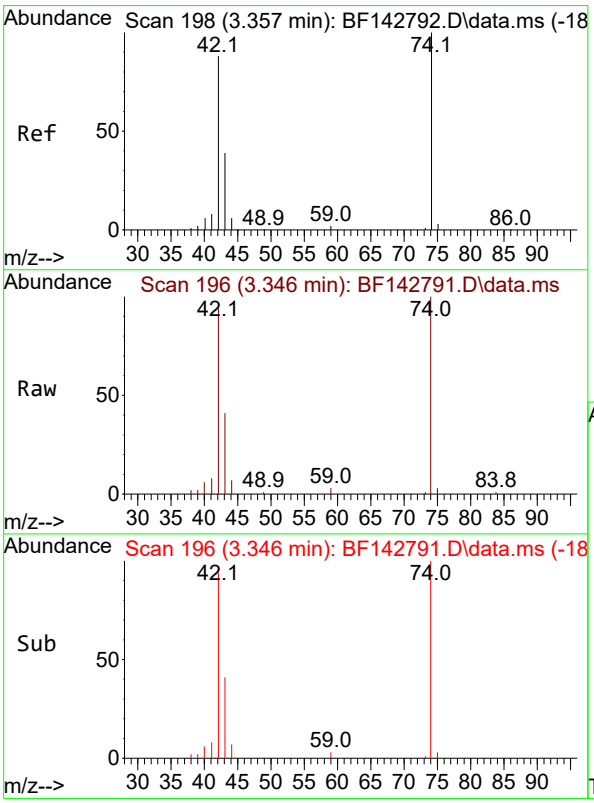
#3
Pyridine
Concen: 20.419 ng
RT: 3.410 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 99721

Ion	Ratio	Lower	Upper
79	100		
52	86.5	69.2	103.8
51	43.5	33.2	49.8

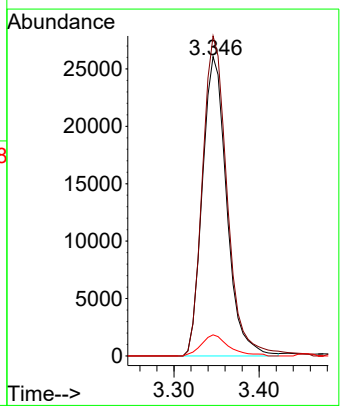


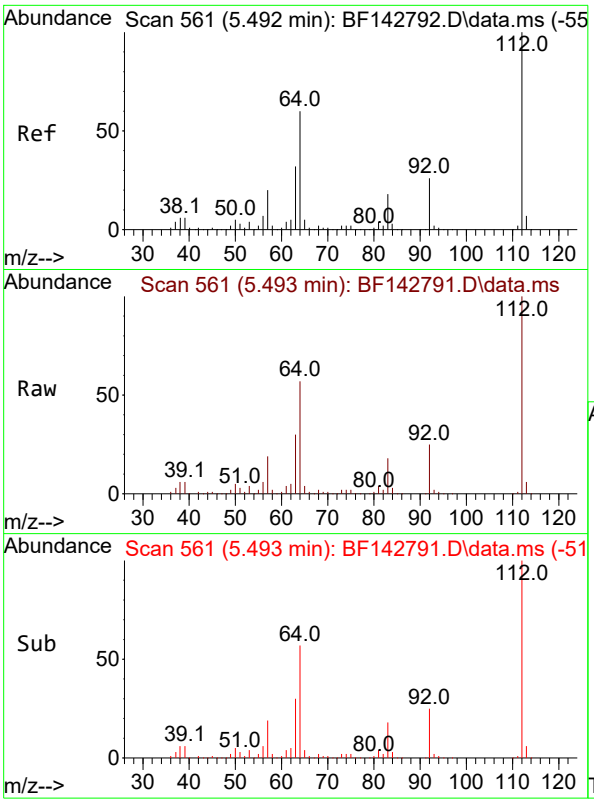


#4
n-Nitrosodimethylamine
Concen: 20.677 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion: 42 Resp: 51716

Ion	Ratio	Lower	Upper
42	100		
74	106.9	90.9	136.3
44	7.1	5.8	8.6



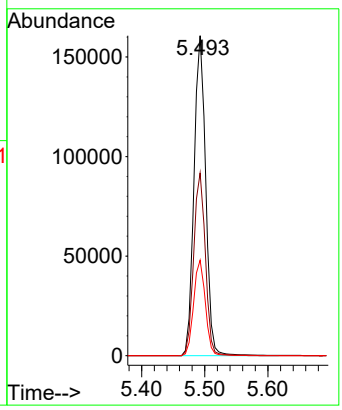


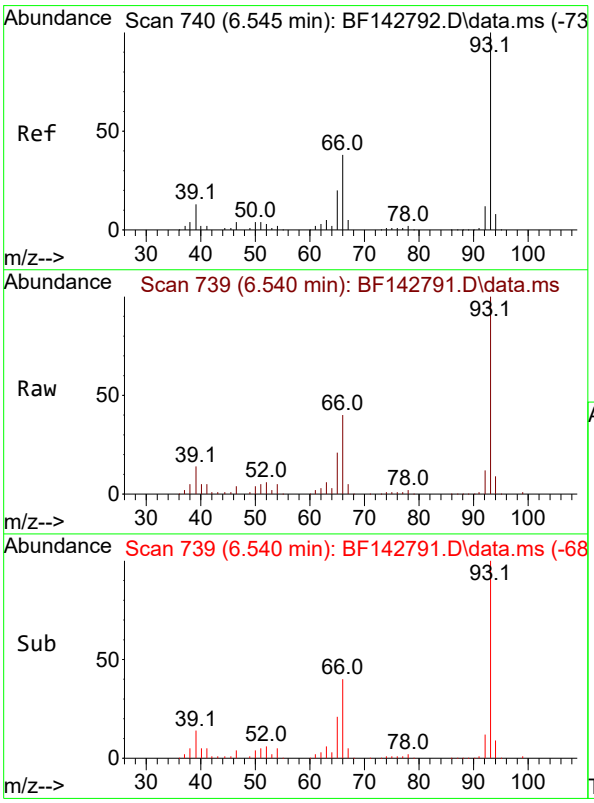
#5
2-Fluorophenol
Concen: 41.963 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 206126

Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.2	72.2
63	29.9	25.7	38.5

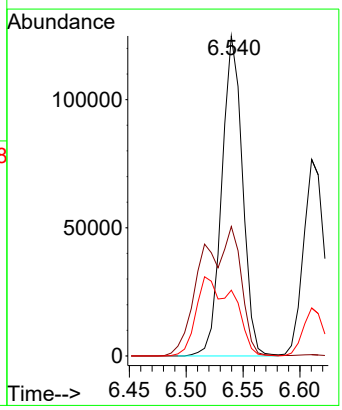


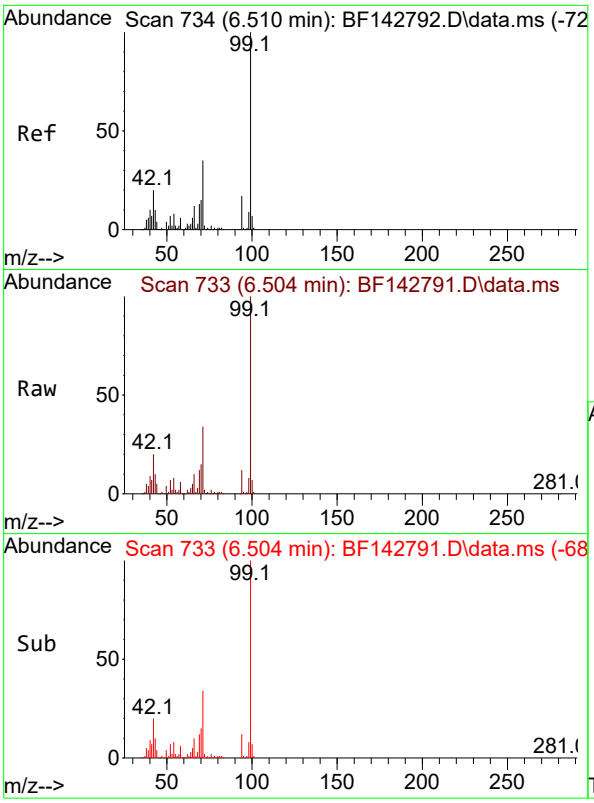


#6
Aniline
Concen: 20.499 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion: 93 Resp: 158463

Ion	Ratio	Lower	Upper
93	100		
66	40.4	31.8	47.6
65	20.6	16.2	24.2



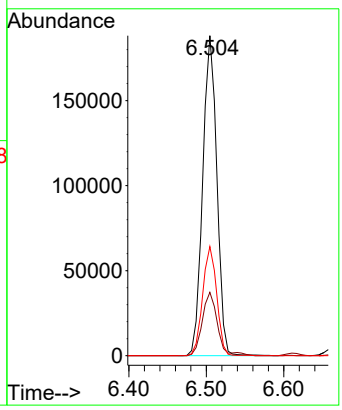


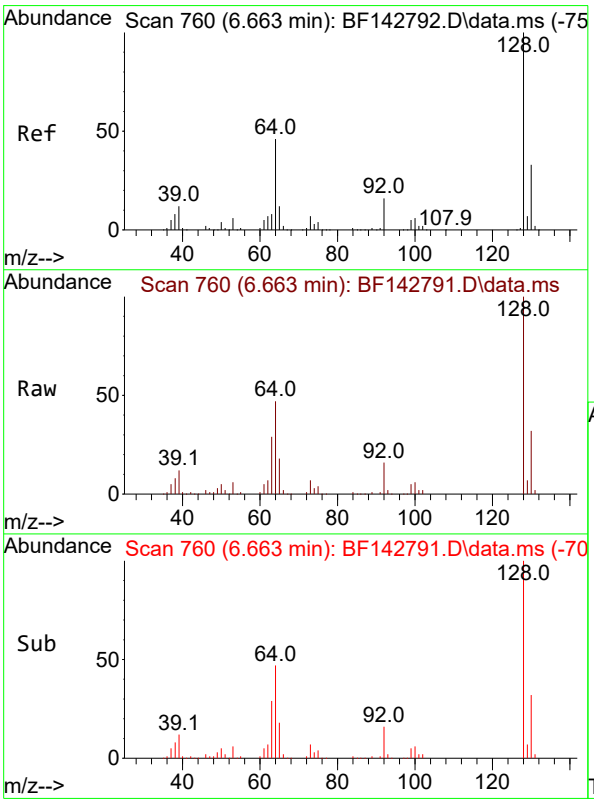
#7
Phenol-d6
Concen: 41.338 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 238437

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.9	23.9
71	34.1	27.8	41.8

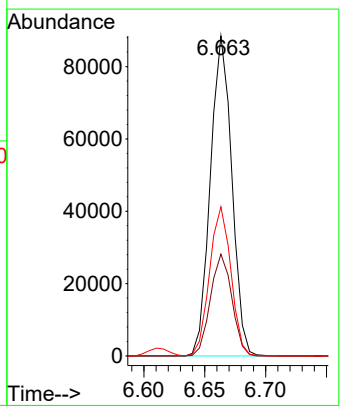


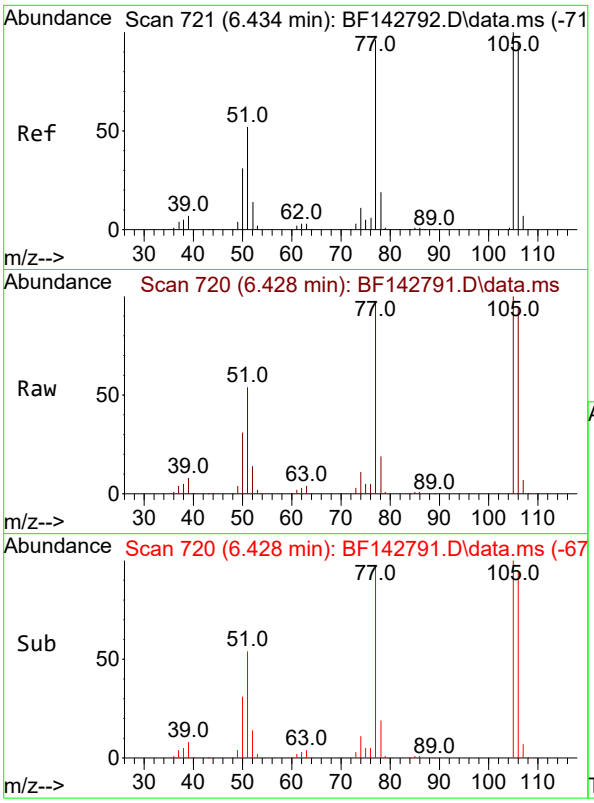


#8
2-Chlorophenol
Concen: 20.235 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:128 Resp: 108230

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.7	52.7
64	46.6	26.5	66.5



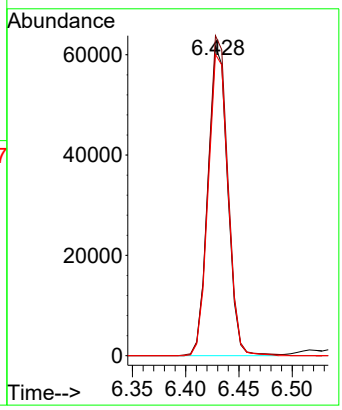


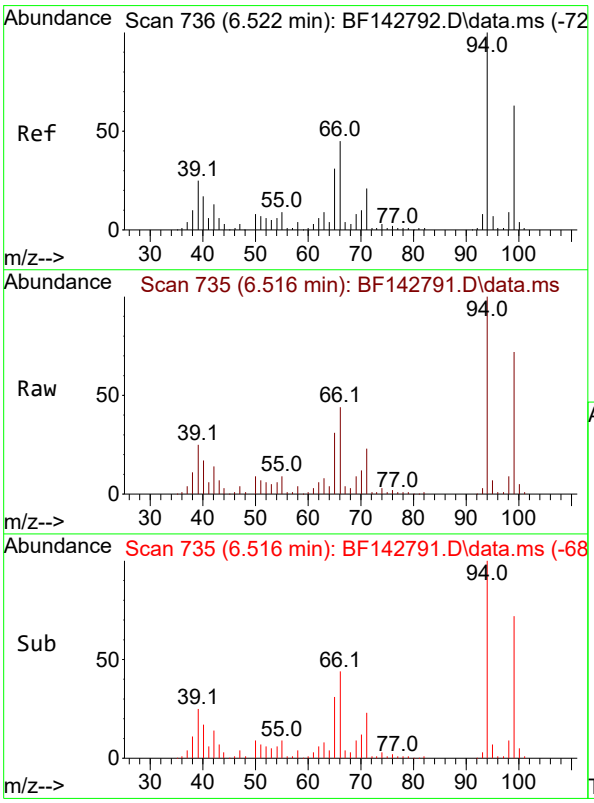
#9
Benzaldehyde
Concen: 22.467 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 79008

Ion	Ratio	Lower	Upper
77	100		
105	103.4	83.8	123.8
106	97.4	78.7	118.7

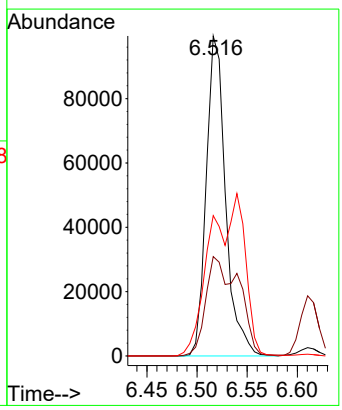


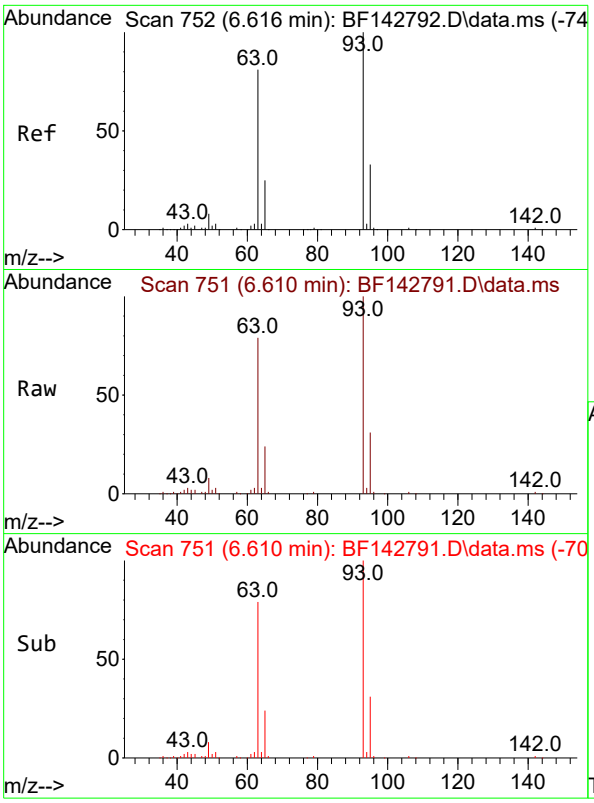


#10
Phenol
Concen: 20.730 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion: 94 Resp: 133318

Ion	Ratio	Lower	Upper
94	100		
65	31.0	11.3	51.3
66	43.8	24.9	64.9



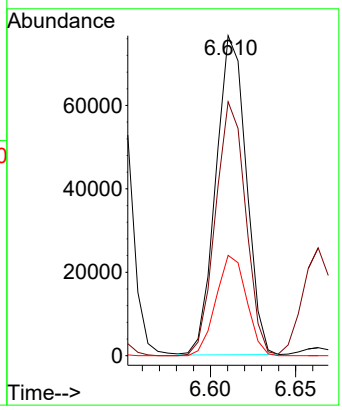


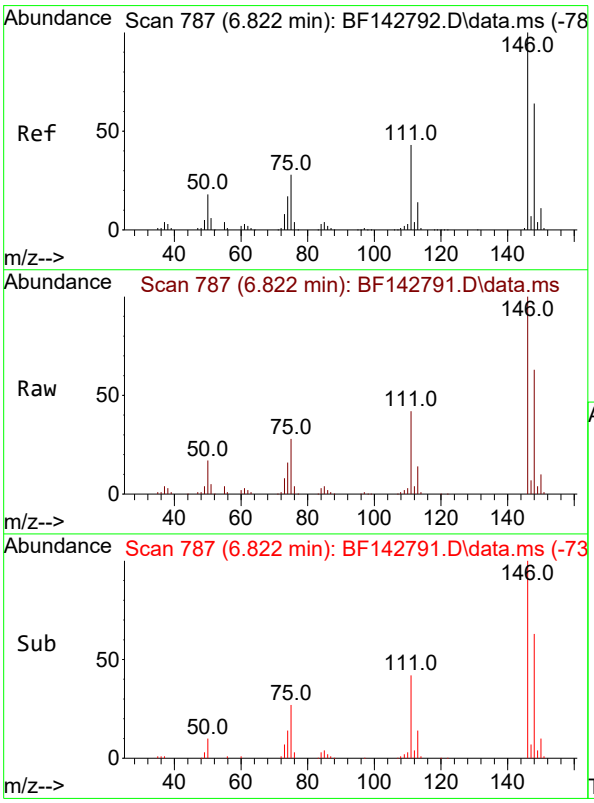
#11
bis(2-Chloroethyl)ether
Concen: 19.905 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 94972

Ion	Ratio	Lower	Upper
93	100		
63	79.3	60.3	100.3
95	31.3	12.5	52.5

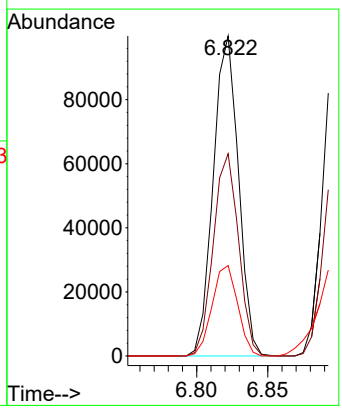


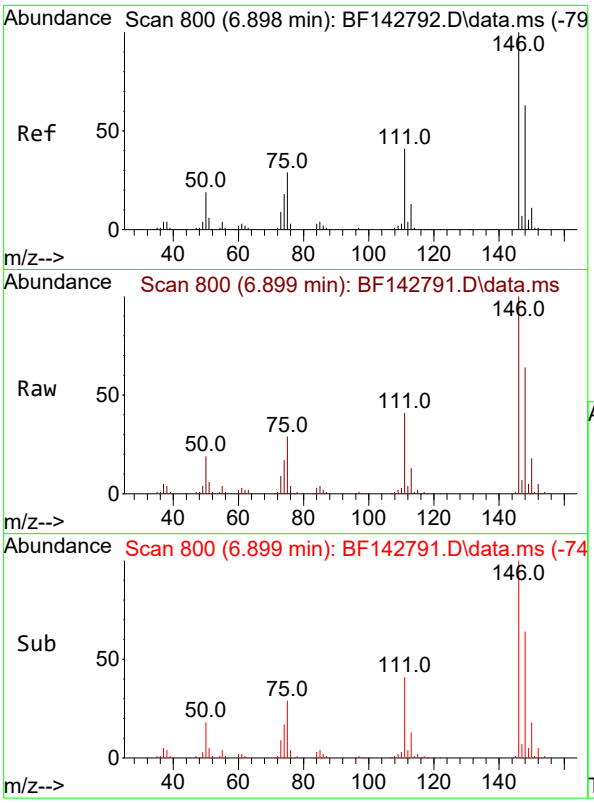


#12
1,3-Dichlorobenzene
Concen: 20.218 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:146 Resp: 123139

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
75	28.2	22.7	34.1



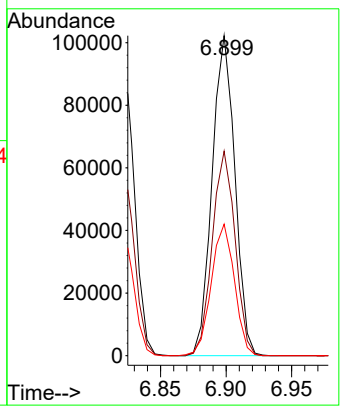


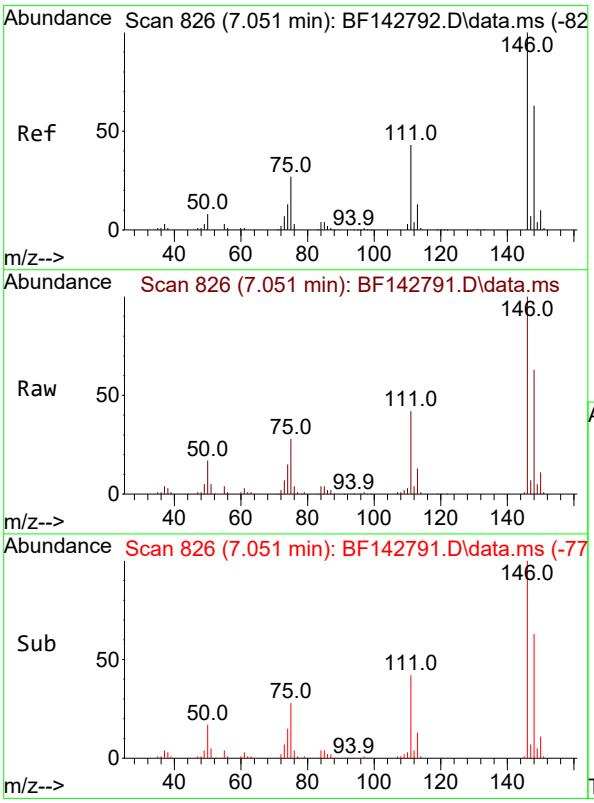
#13
1,4-Dichlorobenzene
Concen: 19.980 ng
RT: 6.899 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 123337

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.2
111	41.1	33.2	49.8

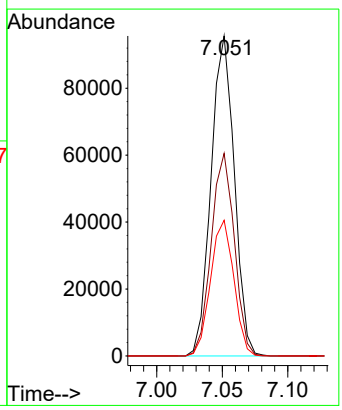


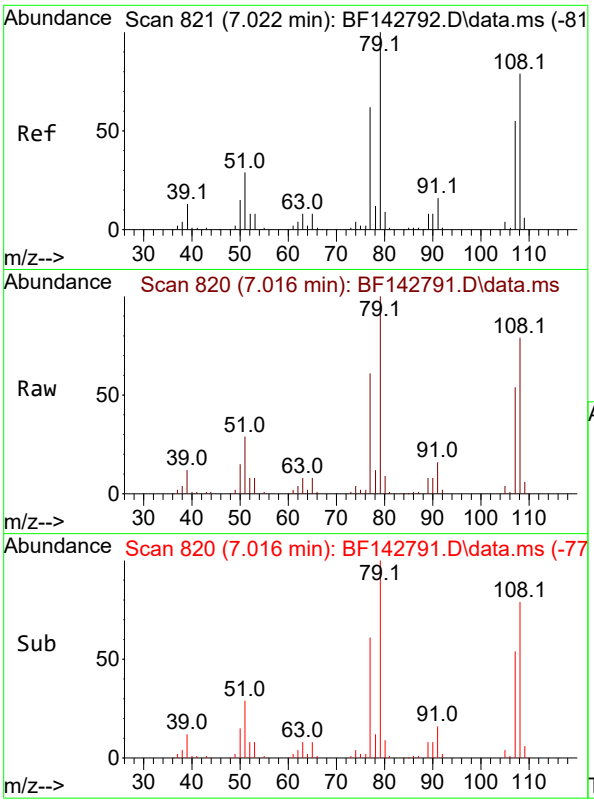


#14
1,2-Dichlorobenzene
Concen: 20.001 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:146 Resp: 118033

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
111	42.4	34.1	51.1



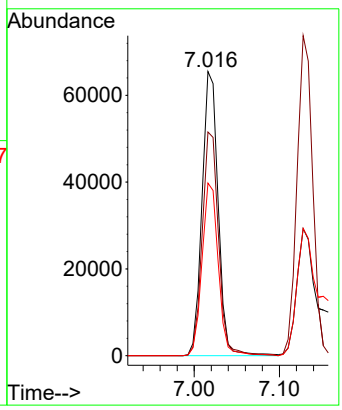


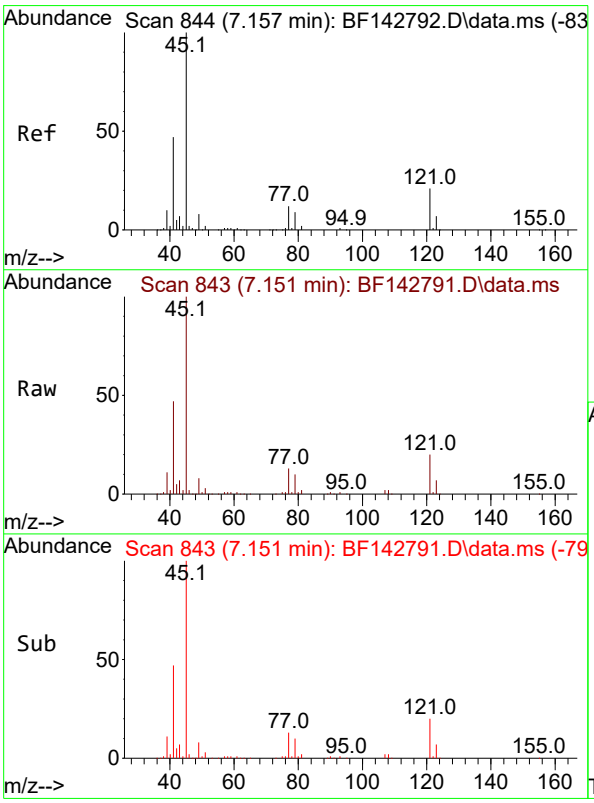
#15
Benzyl Alcohol
Concen: 19.885 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 85856

Ion	Ratio	Lower	Upper
79	100		
108	78.7	63.4	95.0
77	60.8	49.5	74.3

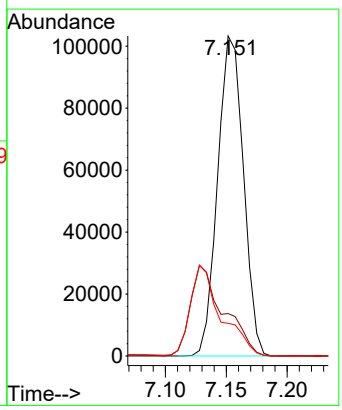


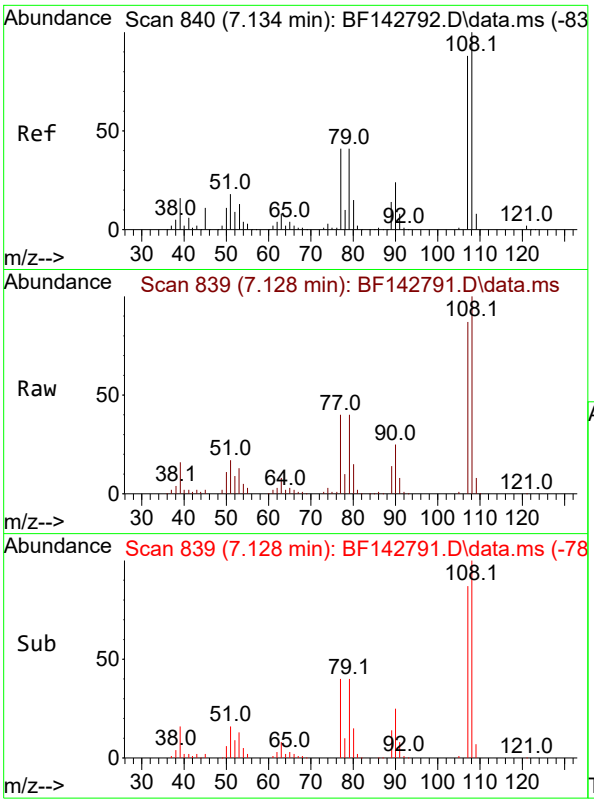


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.224 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion: 45 Resp: 152035

Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	32.8
79	10.2	0.0	29.8



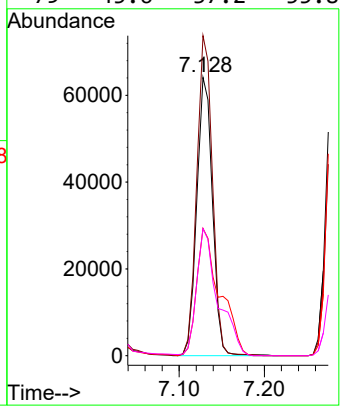


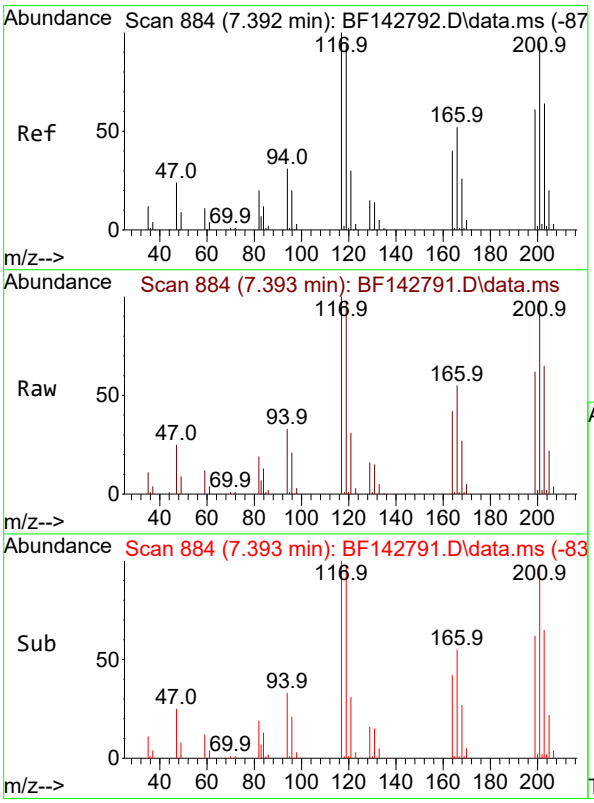
#17
2-Methylphenol
Concen: 20.077 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 82097

Ion	Ratio	Lower	Upper
107	100		
108	115.0	90.9	136.3
77	45.7	37.3	55.9
79	45.6	37.2	55.8

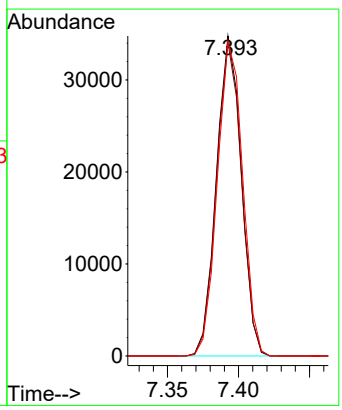


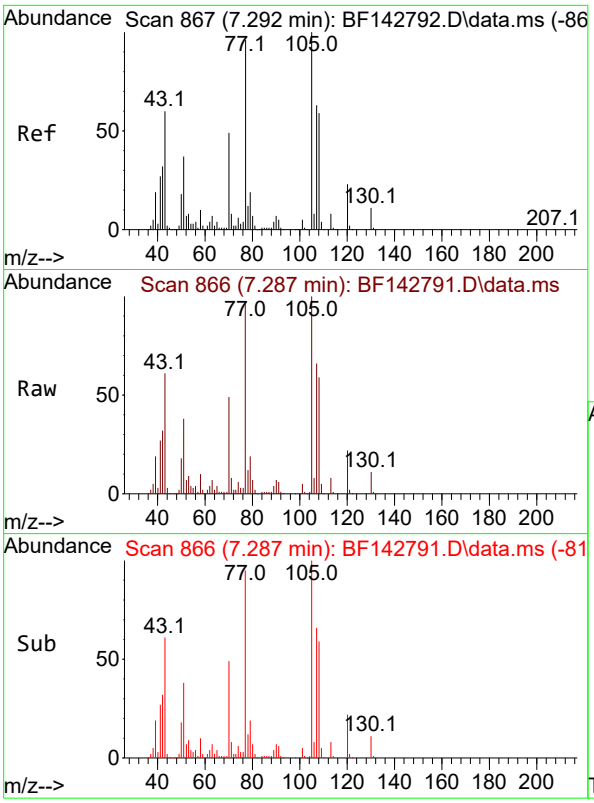


#18
Hexachloroethane
Concen: 19.229 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:117 Resp: 42435

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.4	113.0
201	98.3	75.9	113.9



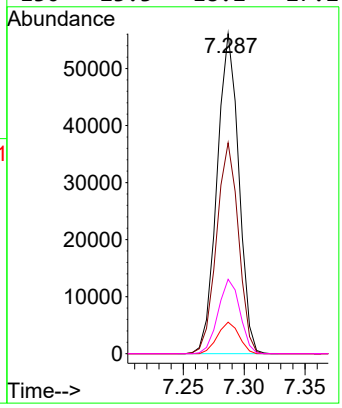


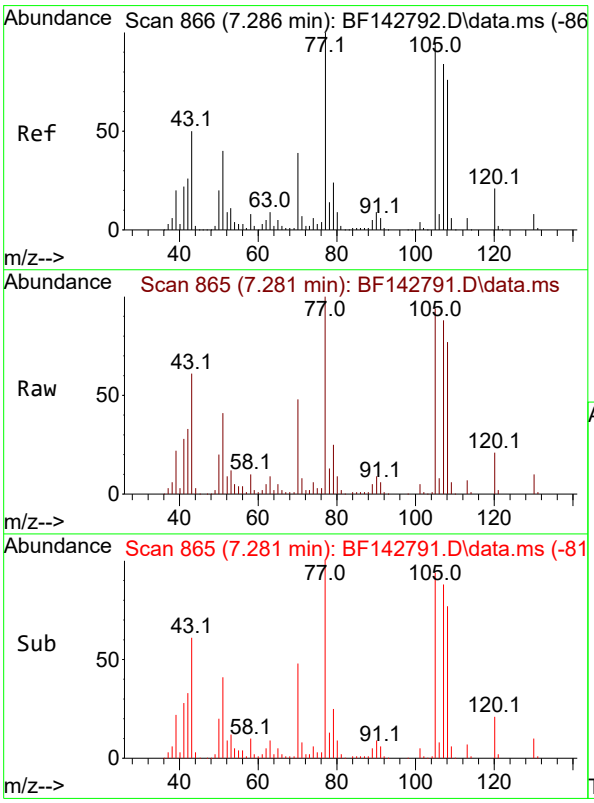
#19
n-Nitroso-di-n-propylamine
Concen: 19.178 ng
RT: 7.287 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 69761

Ion	Ratio	Lower	Upper
70	100		
42	65.9	52.1	78.1
101	9.8	8.2	12.2
130	23.3	18.2	27.2

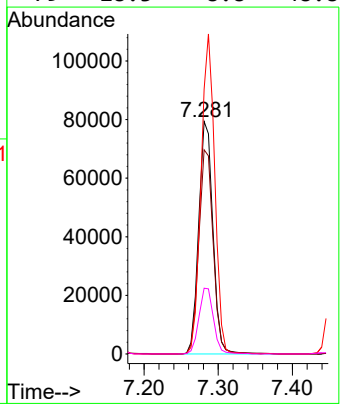


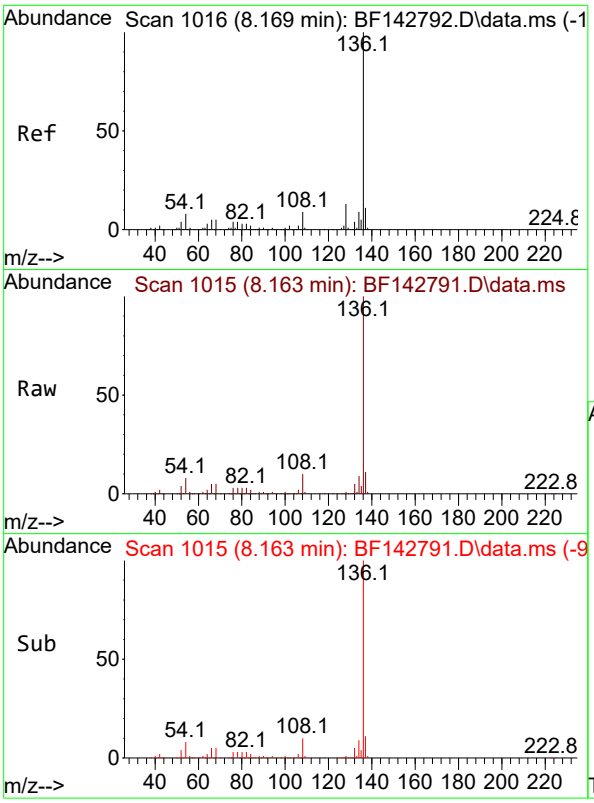


#20
3+4-Methylphenols
Concen: 20.547 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:107 Resp: 105750

Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.0	110.0
77	113.9	98.5	138.5
79	28.3	8.8	48.8



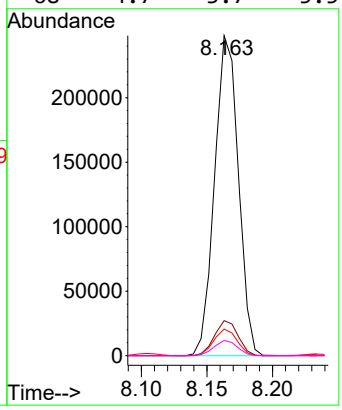


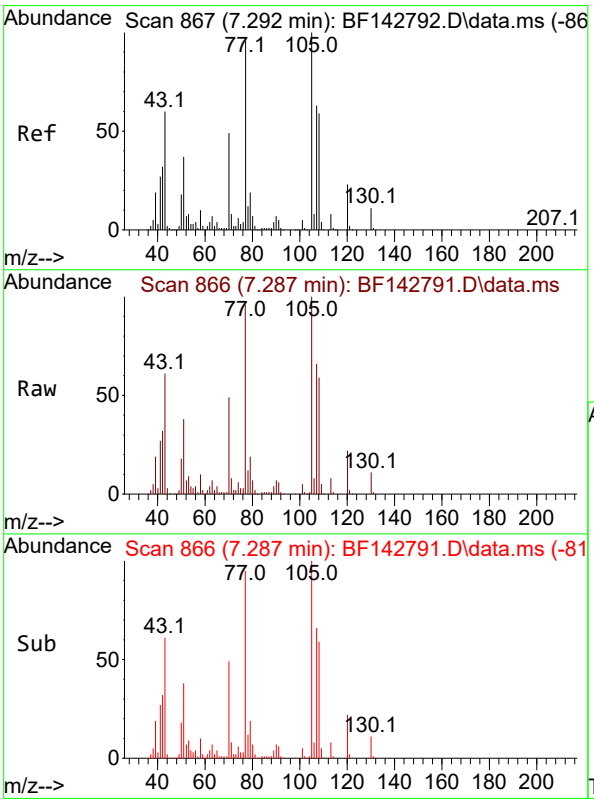
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 312367

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.3	6.3	9.5
68	4.7	3.7	5.5

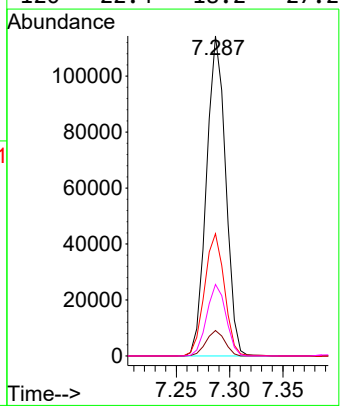


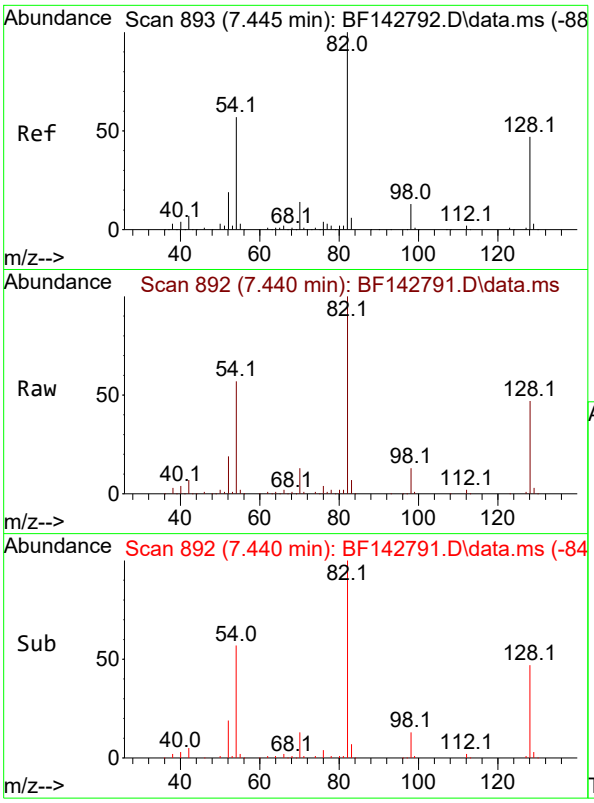


#22
Acetophenone
Concen: 20.730 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:105 Resp: 143274

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.5	9.7
51	38.2	29.8	44.8
120	22.4	18.2	27.2



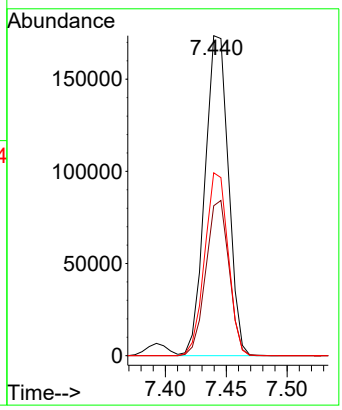


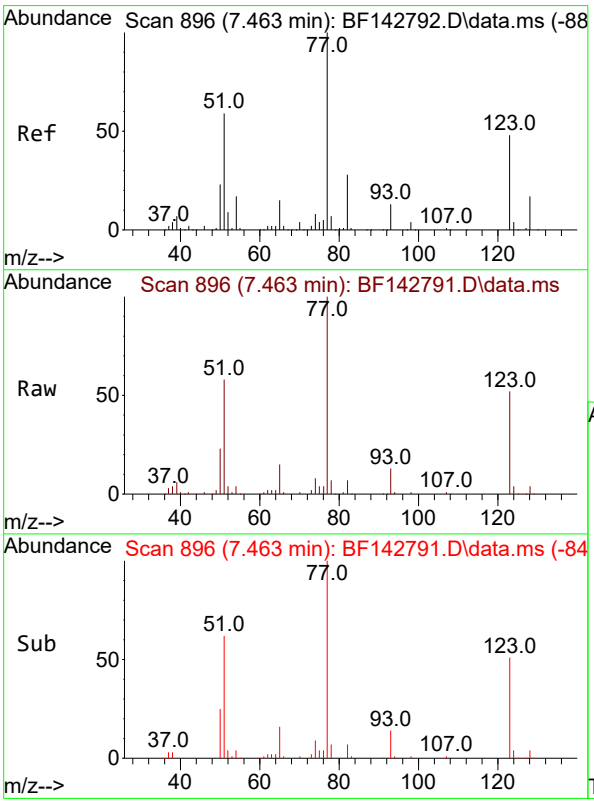
#23
Nitrobenzene-d5
Concen: 40.933 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 233268

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.7	56.5
54	57.1	45.7	68.5

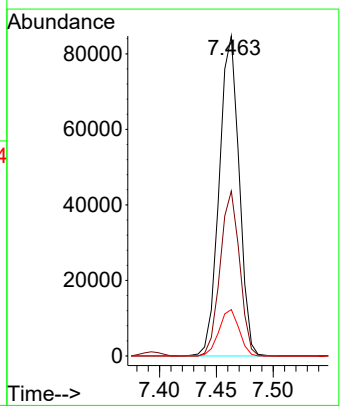


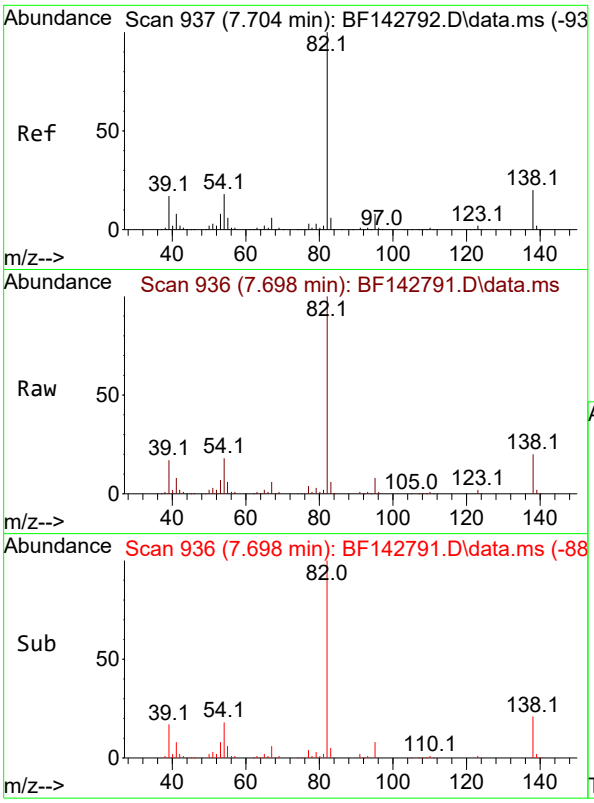


#24
Nitrobenzene
Concen: 20.450 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion: 77 Resp: 103569

Ion	Ratio	Lower	Upper
77	100		
123	51.6	39.2	58.8
65	14.5	11.6	17.4



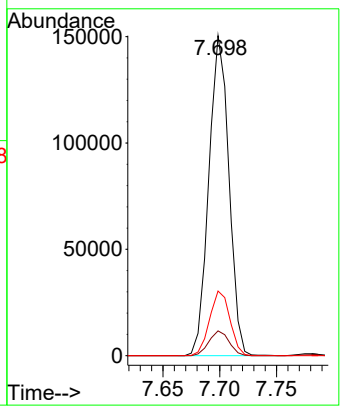


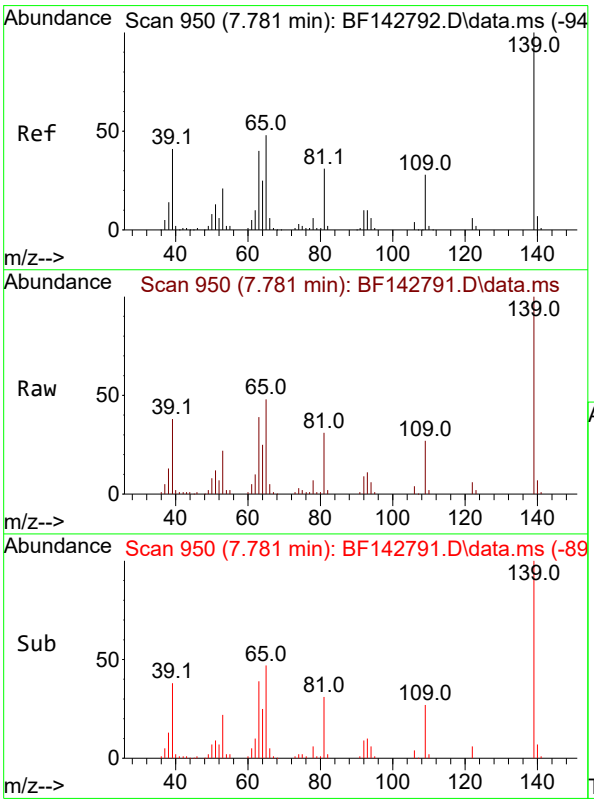
#25
Isophorone
Concen: 19.365 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 185071

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.2	9.2
138	20.2	16.2	24.4

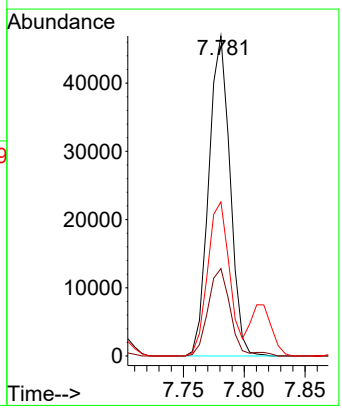


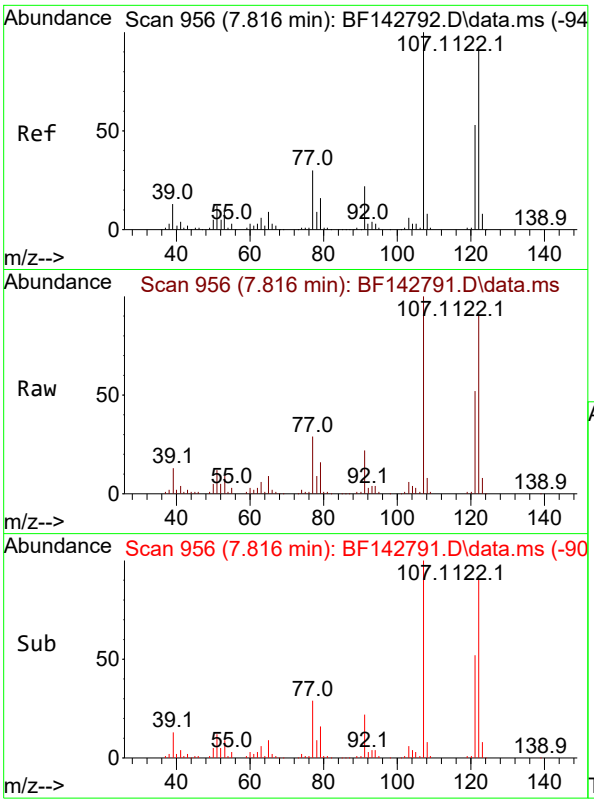


#26
2-Nitrophenol
Concen: 20.191 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:139 Resp: 56979

Ion	Ratio	Lower	Upper
139	100		
109	27.3	22.7	34.1
65	48.2	38.6	58.0



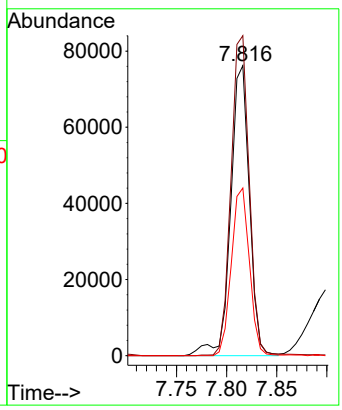


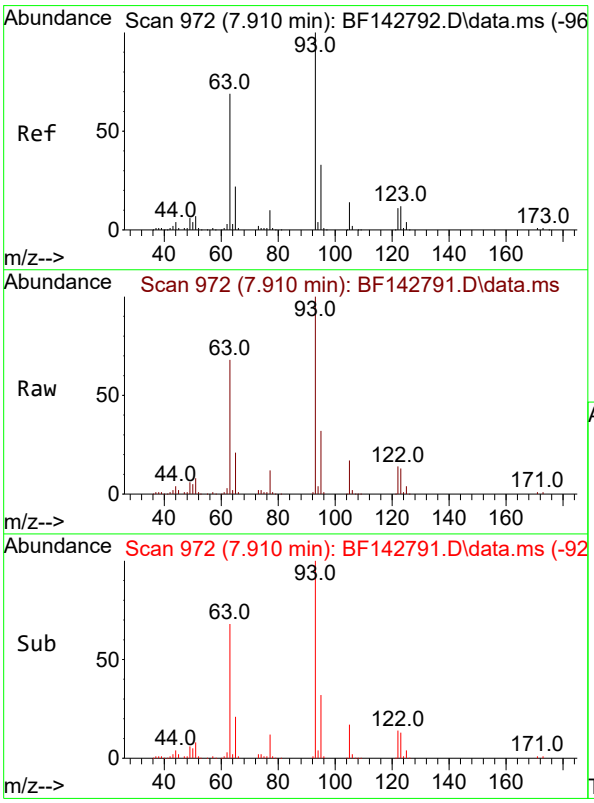
#27
2,4-Dimethylphenol
Concen: 20.659 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 99256

Ion	Ratio	Lower	Upper
122	100		
107	110.3	88.0	132.0
121	57.8	46.3	69.5

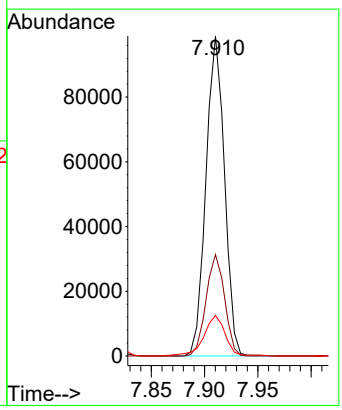


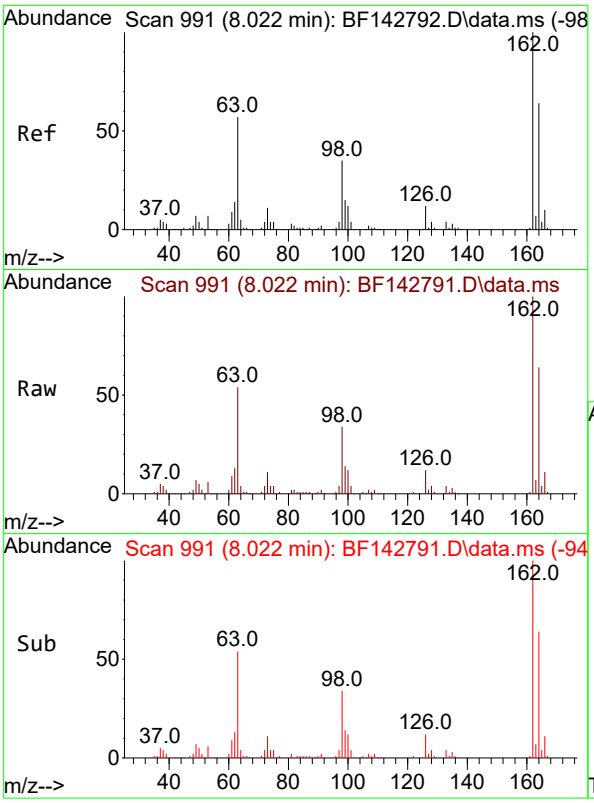


#28
bis(2-Chloroethoxy)methane
Concen: 20.087 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion: 93 Resp: 119505

Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.2	39.2
123	12.6	9.9	14.9



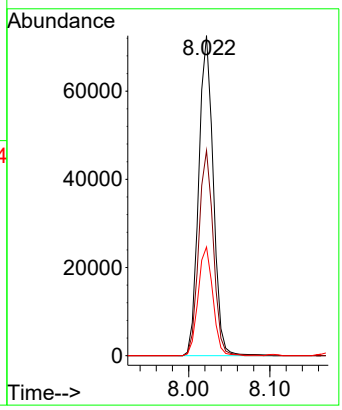


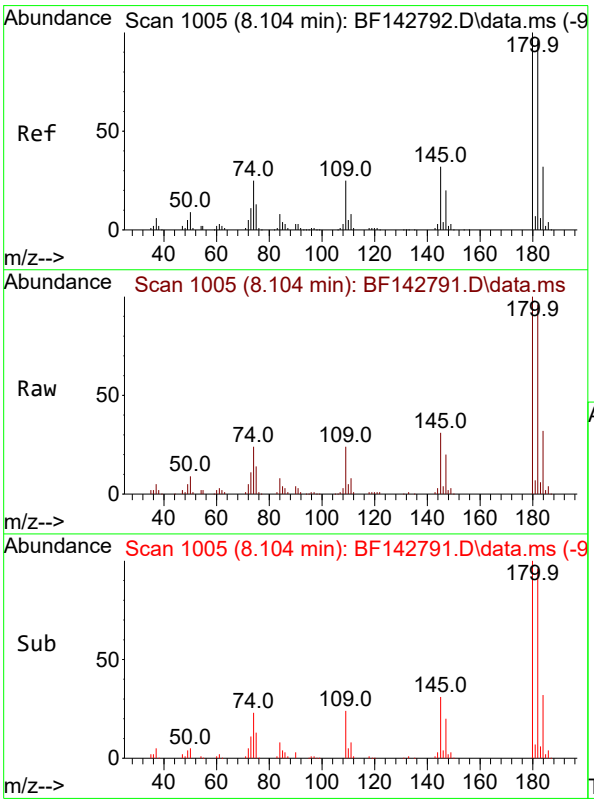
#29
2,4-Dichlorophenol
Concen: 20.437 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 90497

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.0	84.0
98	33.9	15.4	55.4

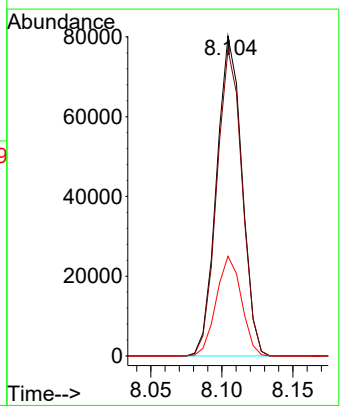


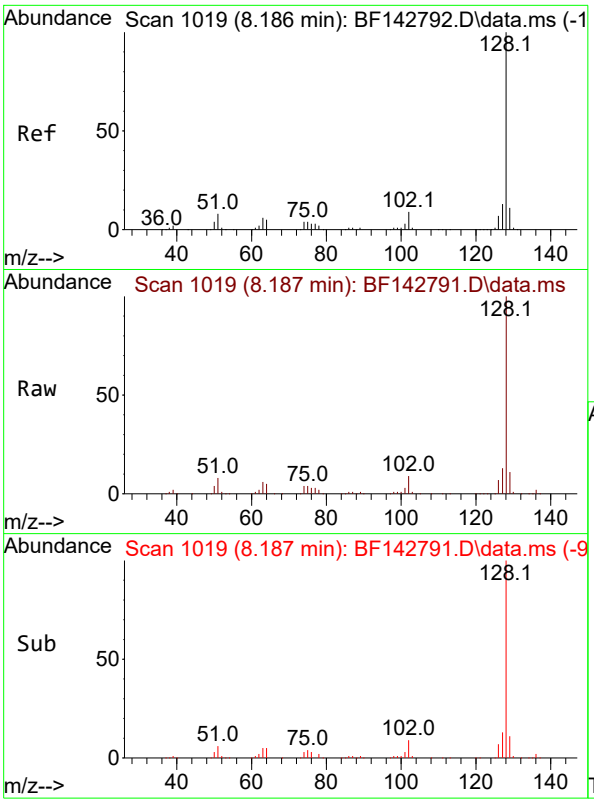


#30
1,2,4-Trichlorobenzene
Concen: 20.304 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:180 Resp: 99320

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	31.2	25.8	38.8



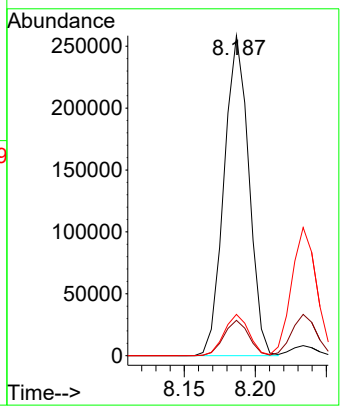


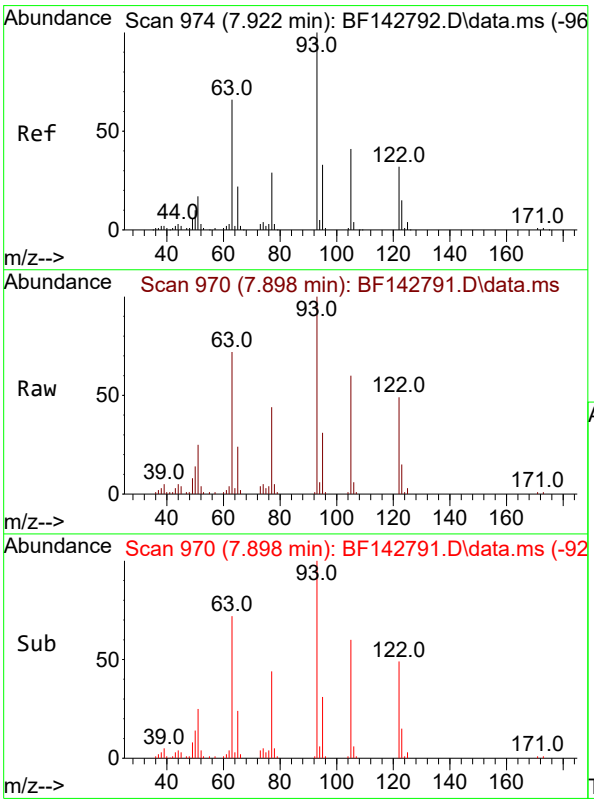
#31
Naphthalene
Concen: 20.405 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 313467

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.9	10.4	15.6

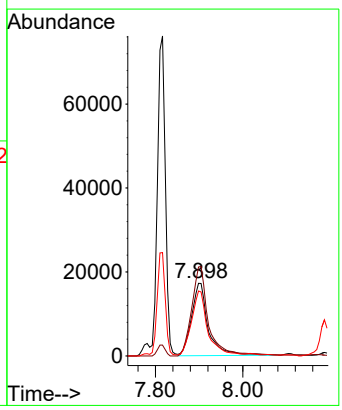


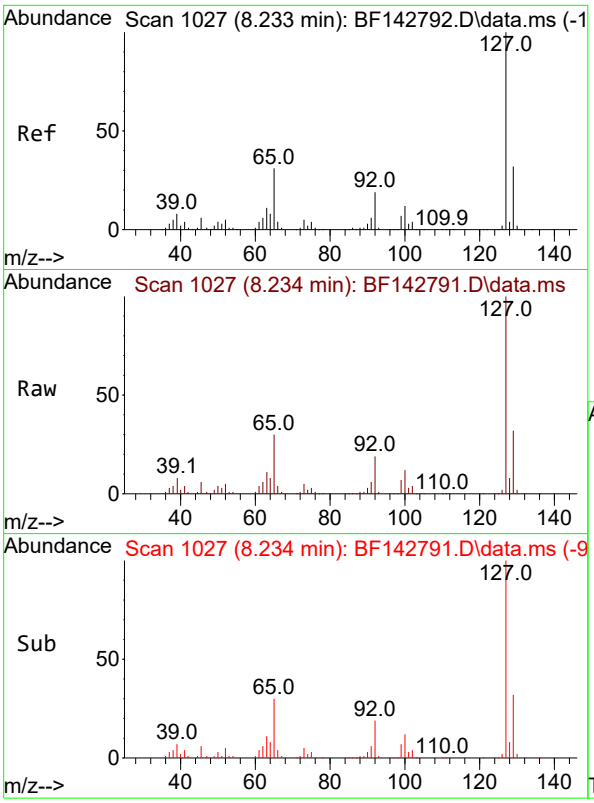


#32
Benzoic acid
Concen: 17.245 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.023 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:122 Resp: 45969

Ion	Ratio	Lower	Upper
122	100		
105	122.5	104.7	144.7
77	89.4	70.2	110.2



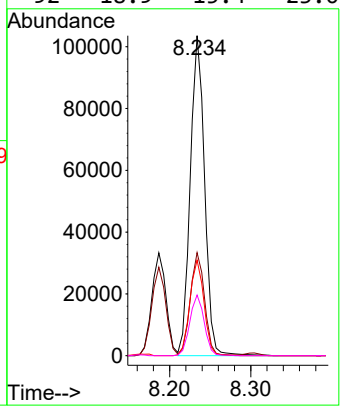


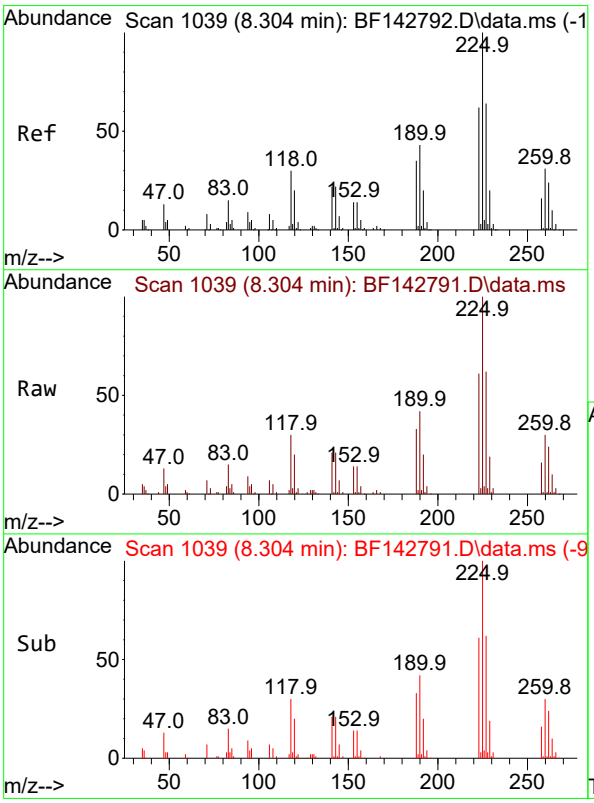
#33
4-Chloroaniline
Concen: 20.729 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 127623

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.8	24.6	36.8
92	18.9	15.4	23.0

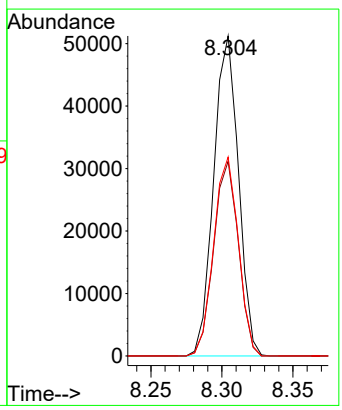


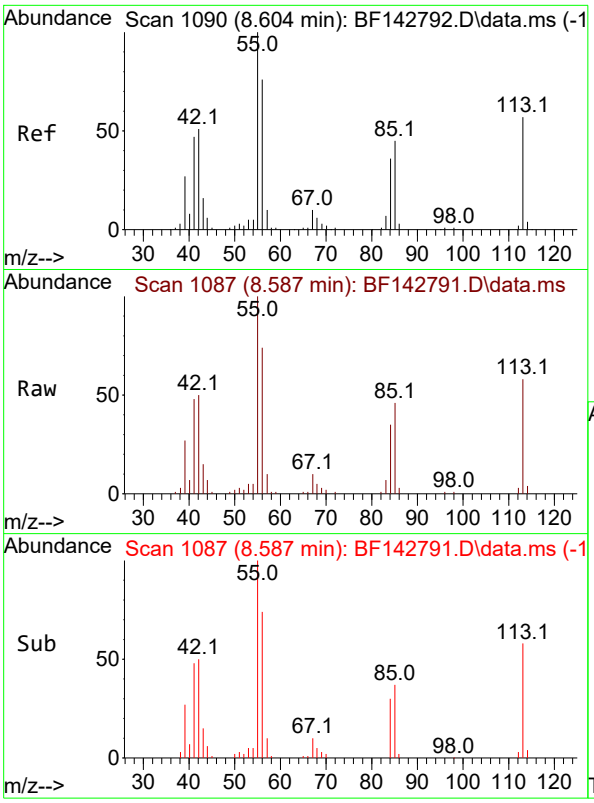


#34
Hexachlorobutadiene
Concen: 20.001 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:225 Resp: 61994

Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.9	74.9
227	62.2	51.4	77.0



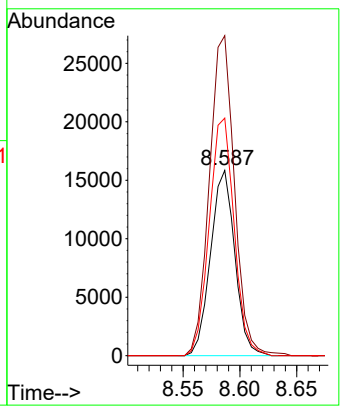


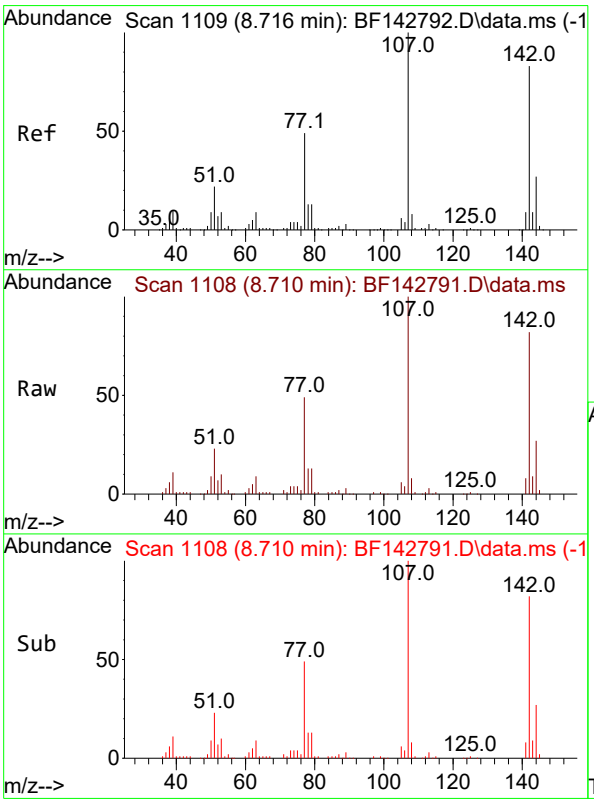
#35
Caprolactam
Concen: 19.769 ng
RT: 8.587 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 23555

Ion	Ratio	Lower	Upper
113	100		
55	172.7	154.4	194.4
56	128.3	112.1	152.1

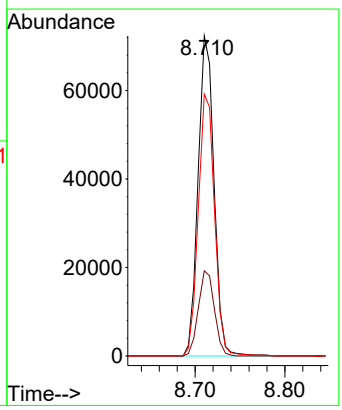


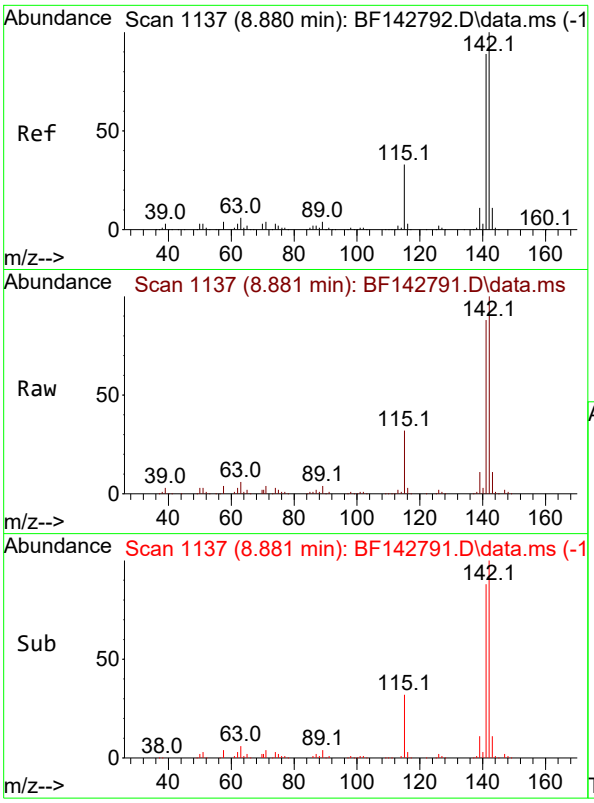


#36
4-Chloro-3-methylphenol
Concen: 19.518 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:107 Resp: 89279

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.3	31.9
142	81.8	66.6	100.0



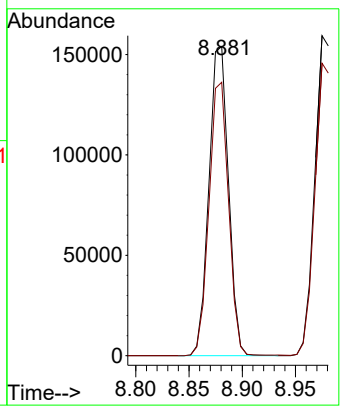


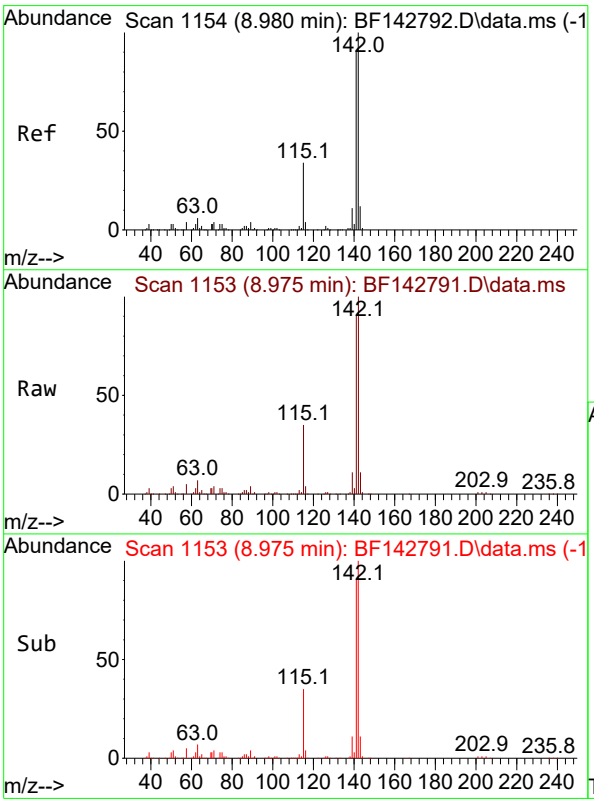
#37
2-Methylnaphthalene
Concen: 20.287 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 196609

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3

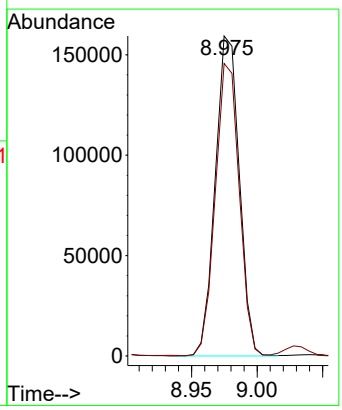


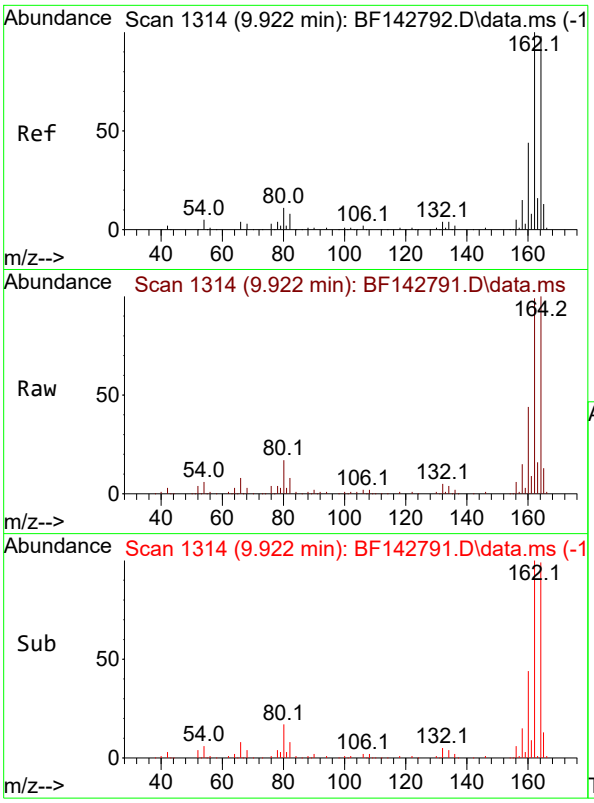


#38
1-Methylnaphthalene
Concen: 20.165 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:142 Resp: 202898

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.4



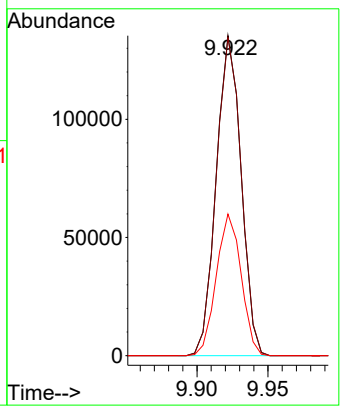


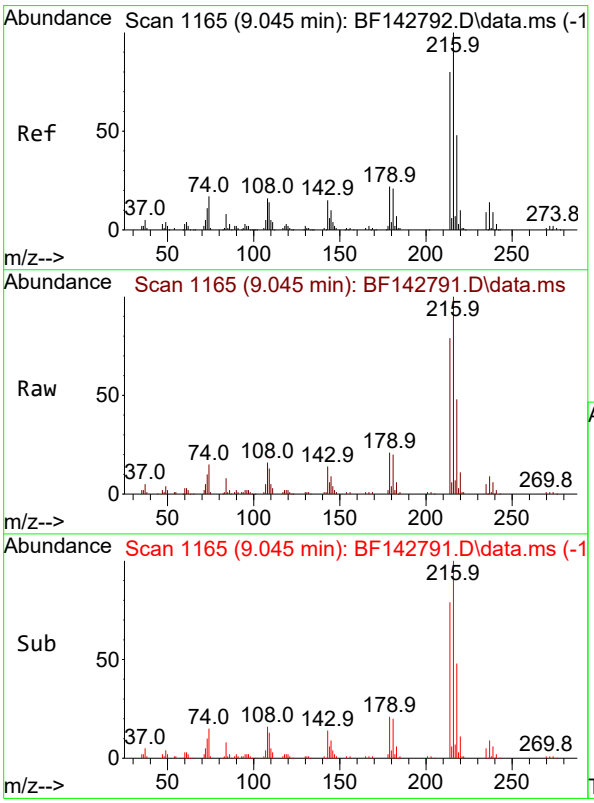
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 164603

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.8	122.8
160	44.2	36.0	54.0

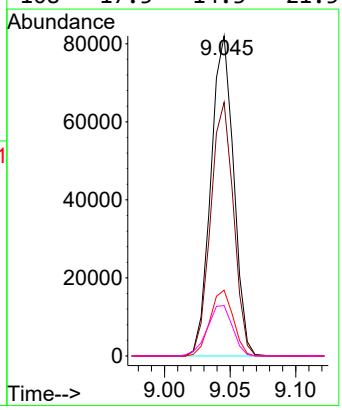


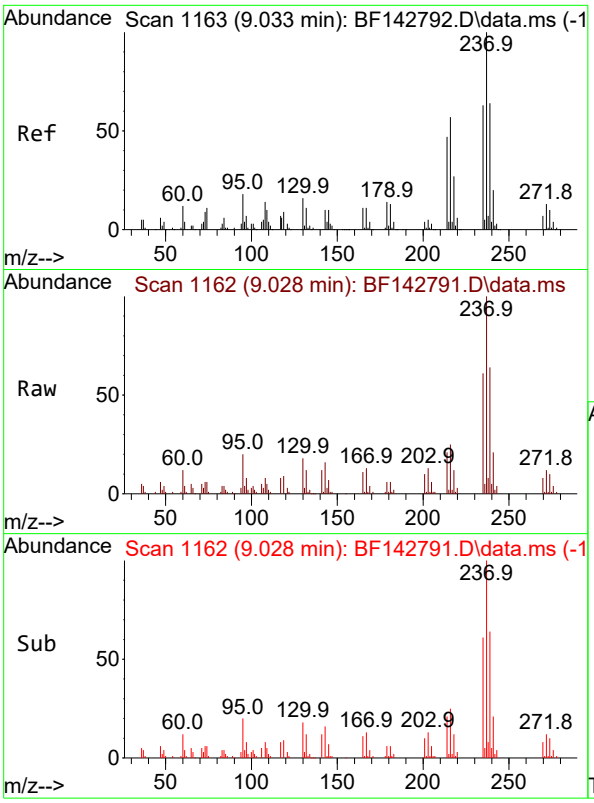


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.857 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:216 Resp: 99104

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.7	95.5
179	20.9	17.6	26.4
108	17.5	14.3	21.5



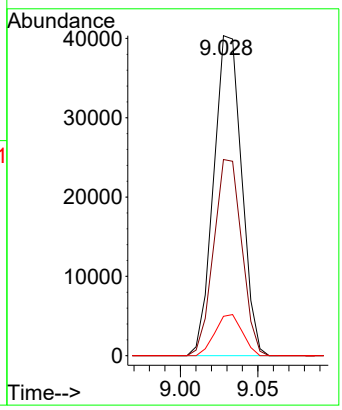


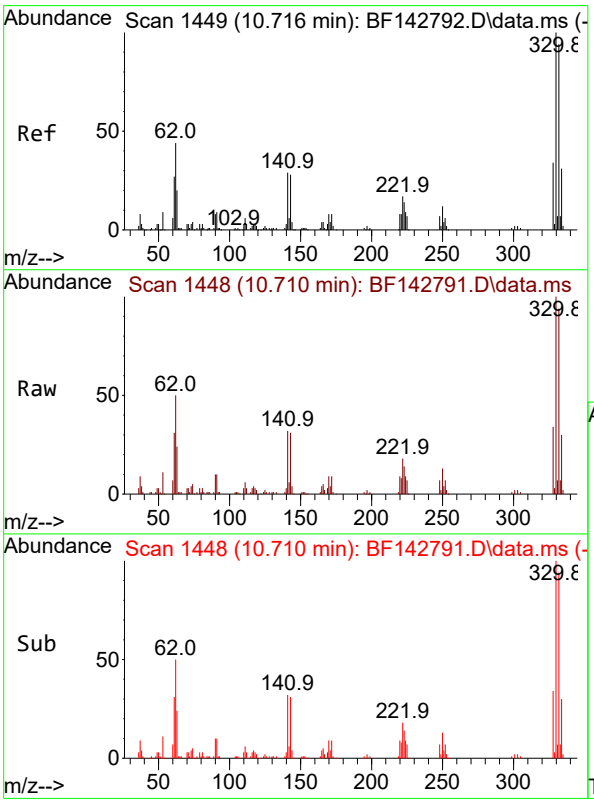
#41
Hexachlorocyclopentadiene
Concen: 16.864 ng
RT: 9.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 50669

Ion	Ratio	Lower	Upper
237	100		
235	61.3	43.4	83.4
272	12.3	0.0	32.7

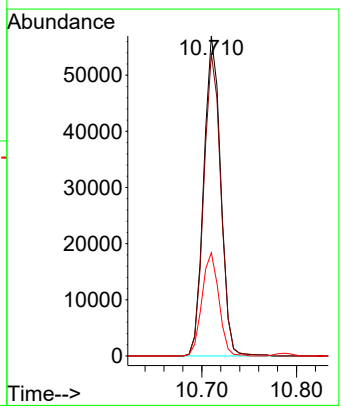


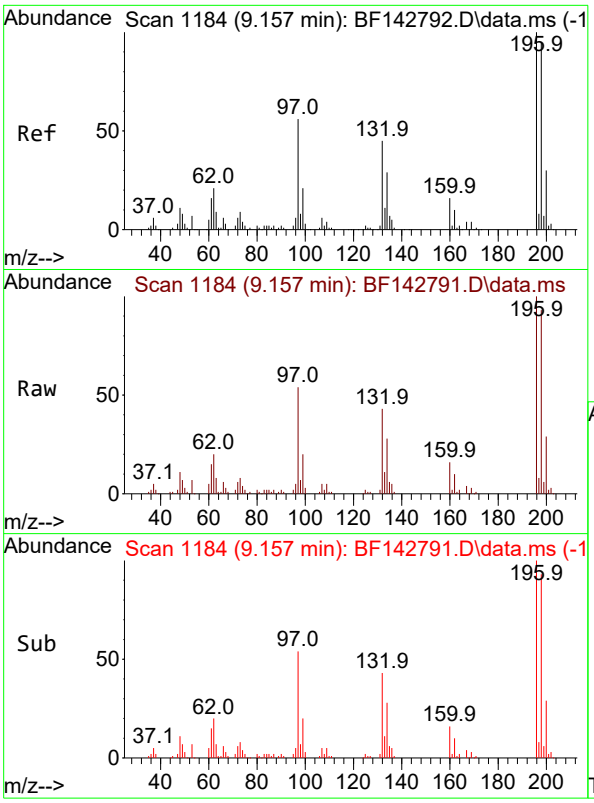


#42
2,4,6-Tribromophenol
Concen: 39.411 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:330 Resp: 70502

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.0	112.6
141	32.1	25.3	37.9



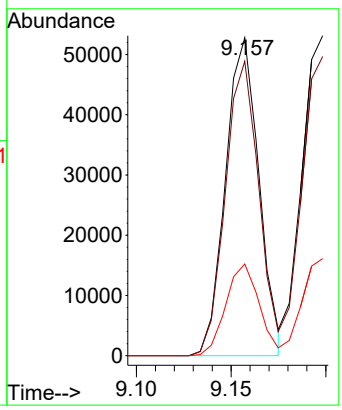


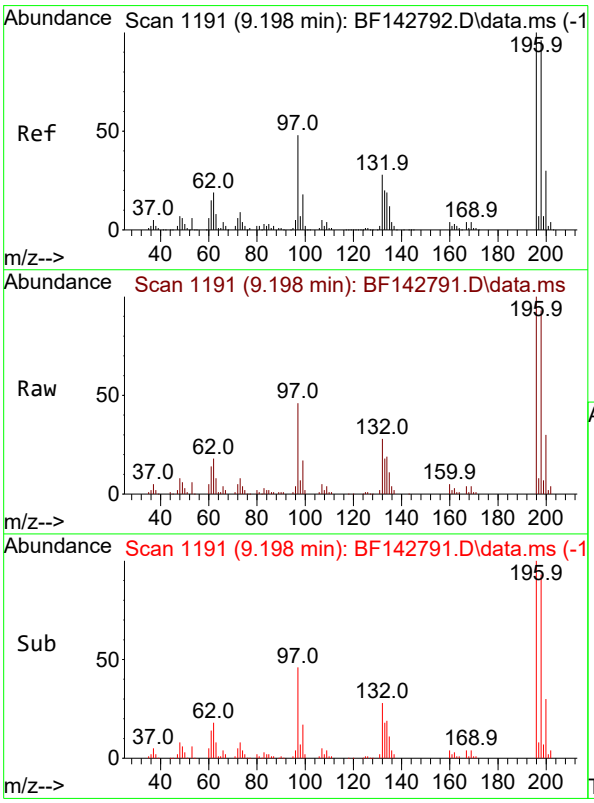
#43
2,4,6-Trichlorophenol
Concen: 21.069 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 64786

Ion	Ratio	Lower	Upper
196	100		
198	92.6	76.2	114.2
200	28.9	24.1	36.1

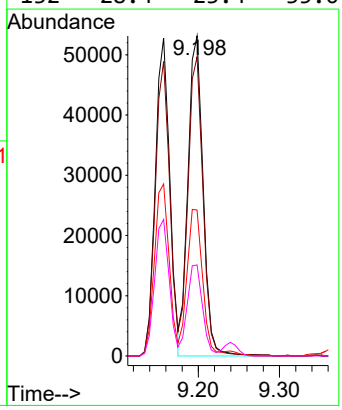


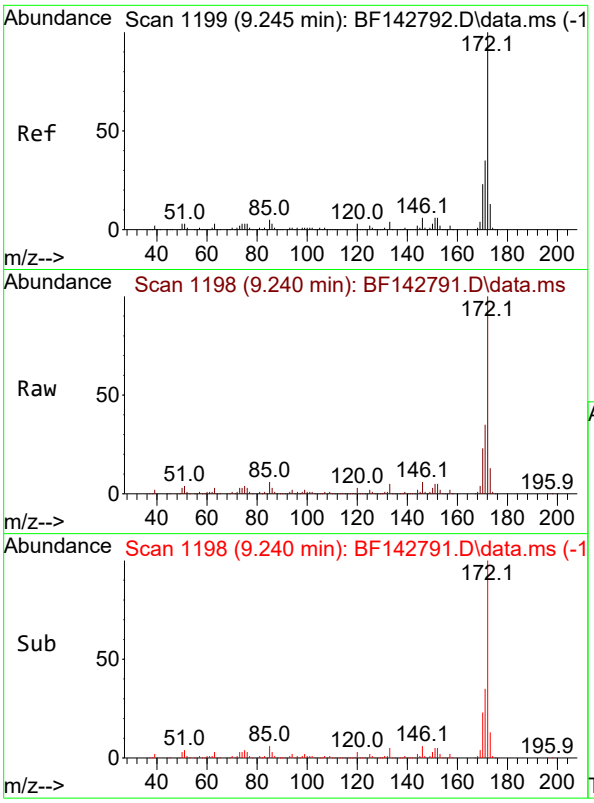


#44
2,4,5-Trichlorophenol
Concen: 20.862 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:196 Resp: 69275

Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.6	115.0
97	45.6	38.2	57.2
132	28.4	23.4	35.0



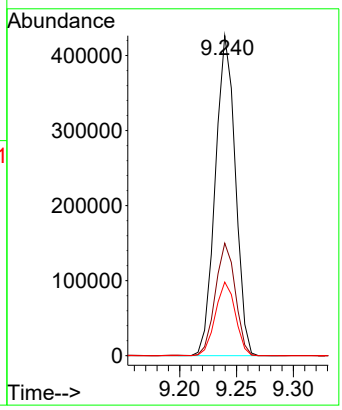


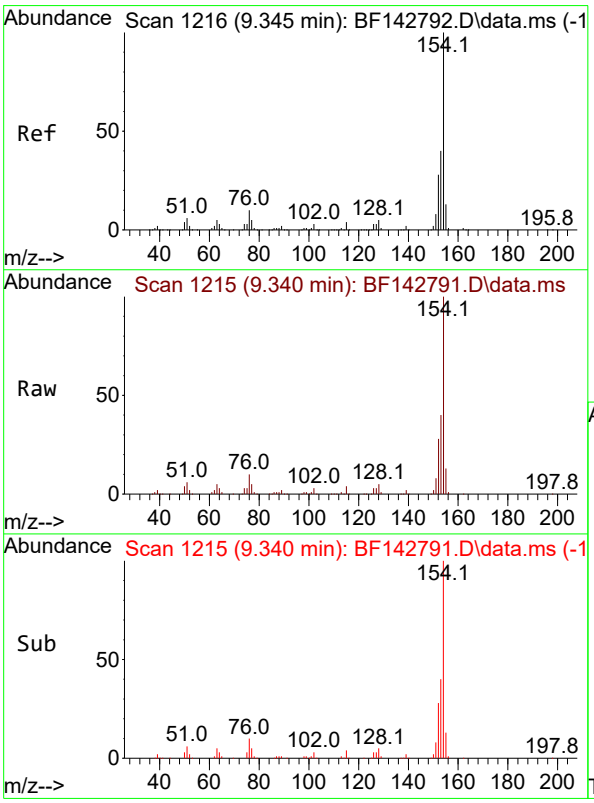
#45
2-Fluorobiphenyl
Concen: 42.356 ng
RT: 9.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 524084

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.0	18.5	27.7

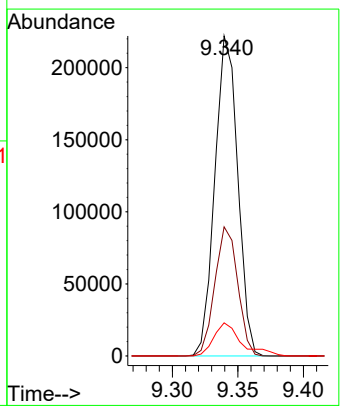


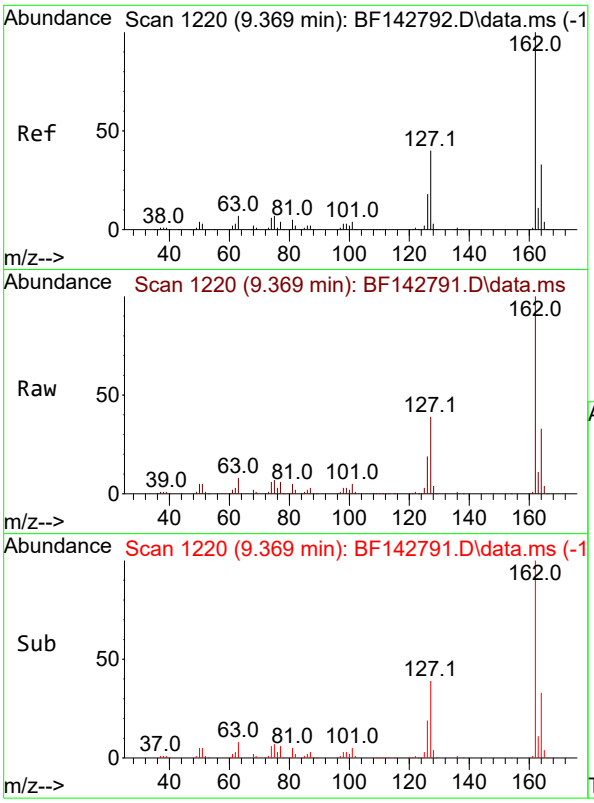


#46
1,1'-Biphenyl
Concen: 21.078 ng
RT: 9.340 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:154 Resp: 269396

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	10.4	0.0	30.3



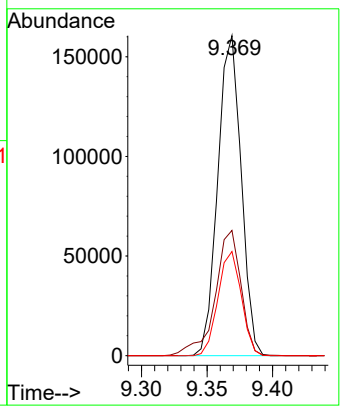


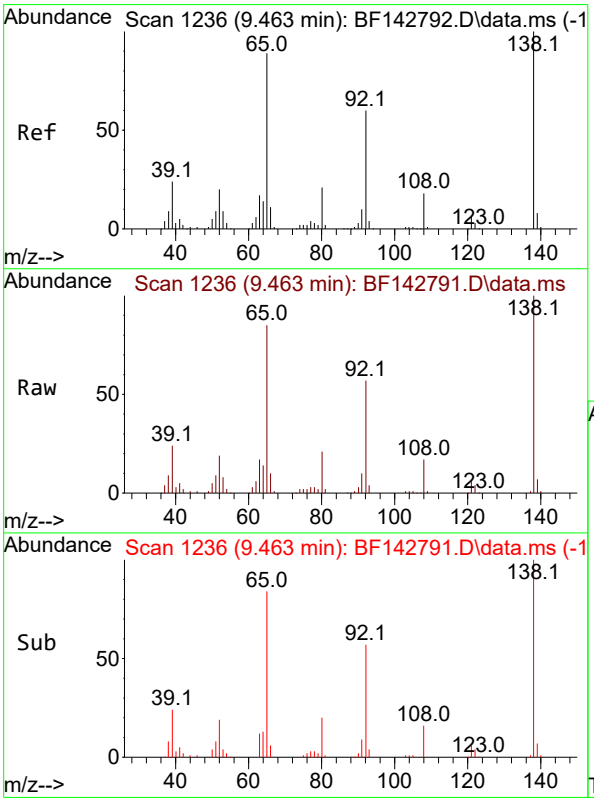
#47
2-Chloronaphthalene
Concen: 21.087 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 198874

Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.2	48.2
164	32.5	26.1	39.1

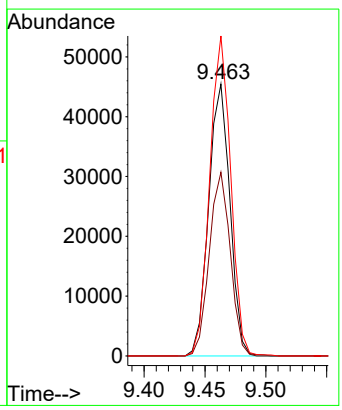


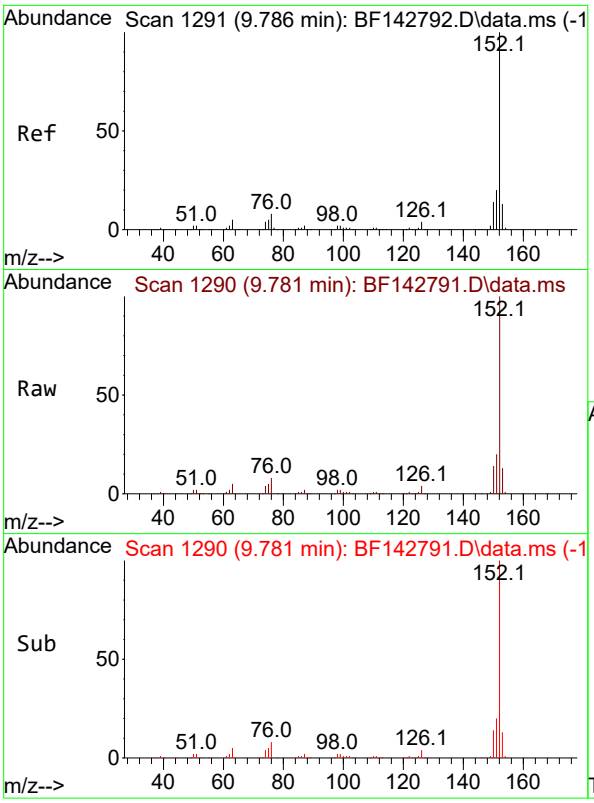


#48
2-Nitroaniline
Concen: 20.681 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion: 65 Resp: 55412

Ion	Ratio	Lower	Upper
65	100		
92	67.6	53.8	80.6
138	117.7	89.6	134.4



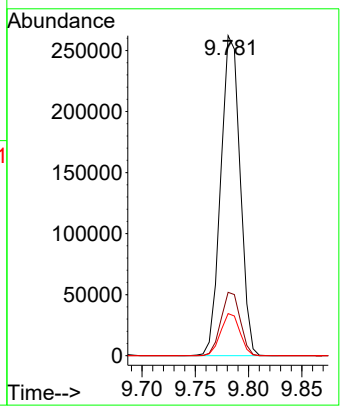


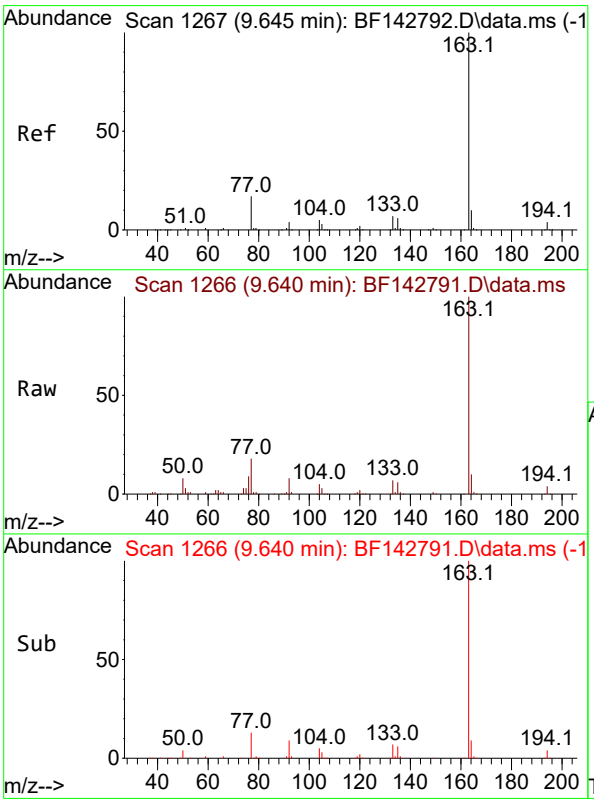
#49
Acenaphthylene
Concen: 20.878 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 331018

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.2	10.4	15.6

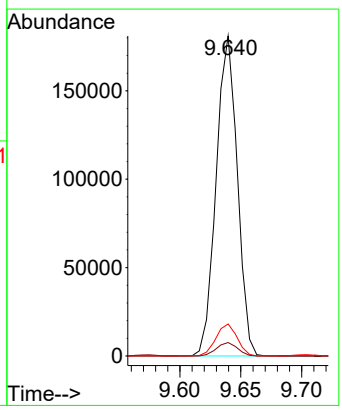


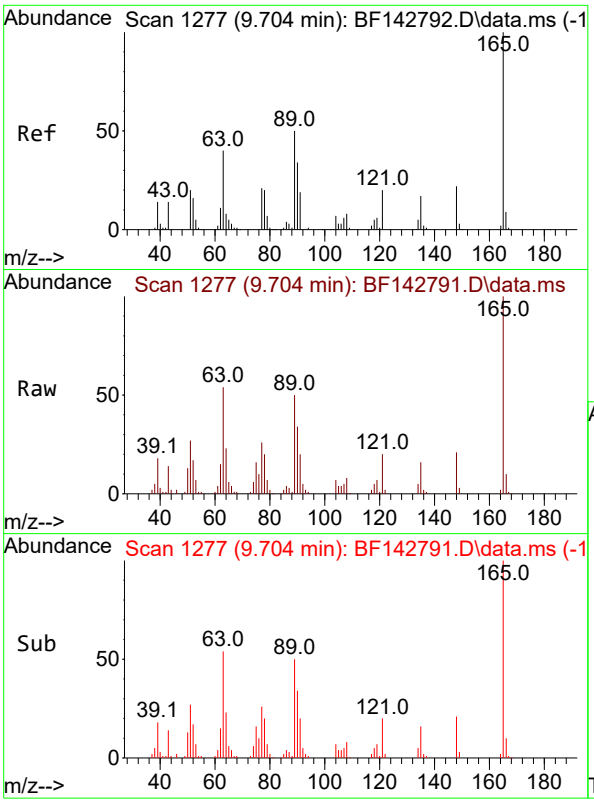


#50
Dimethylphthalate
Concen: 20.049 ng
RT: 9.640 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:163 Resp: 218901

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.0	8.0	12.0



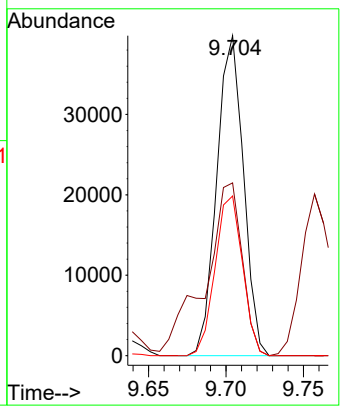


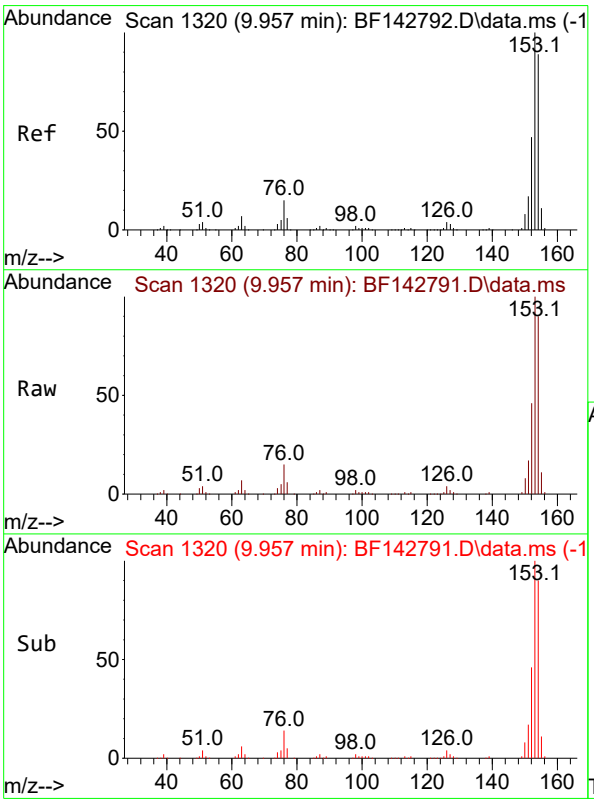
#51
2,6-Dinitrotoluene
Concen: 20.156 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 47707

Ion	Ratio	Lower	Upper
165	100		
63	54.0	44.2	66.4
89	49.9	39.8	59.8

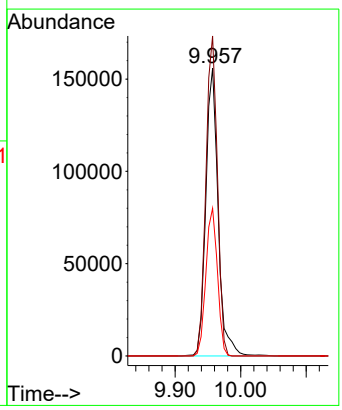


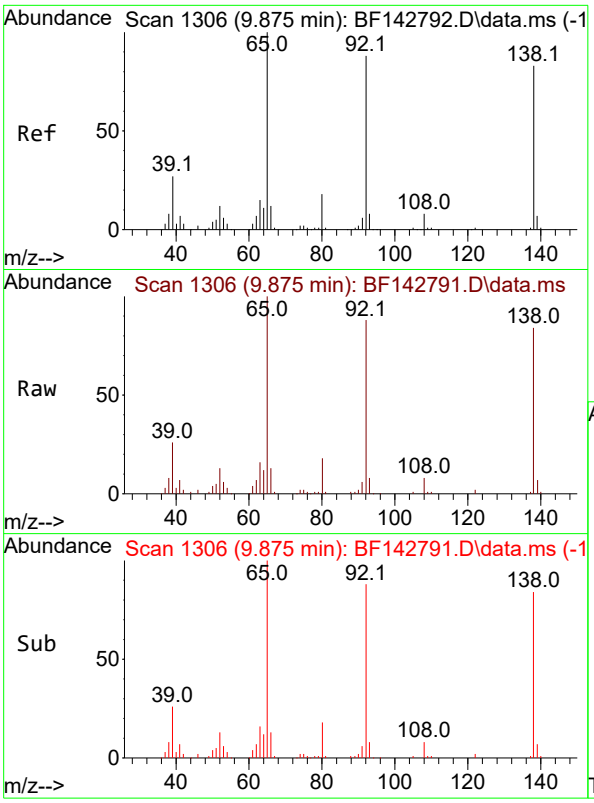


#52
Acenaphthene
Concen: 20.813 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:154 Resp: 204192

Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.0	135.0
152	51.3	41.9	62.9



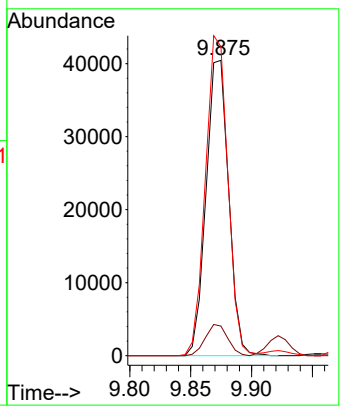


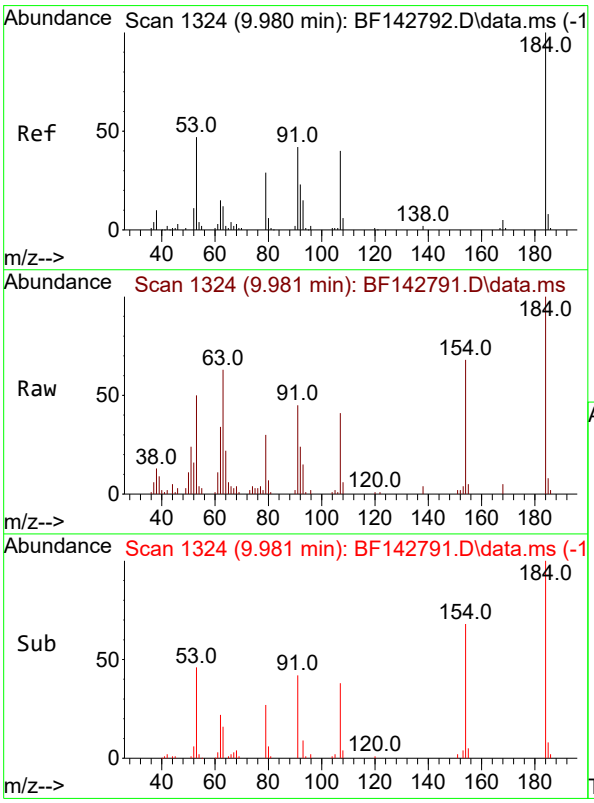
#53
3-Nitroaniline
Concen: 20.261 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 52088

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.1	12.1
92	104.7	85.1	127.7

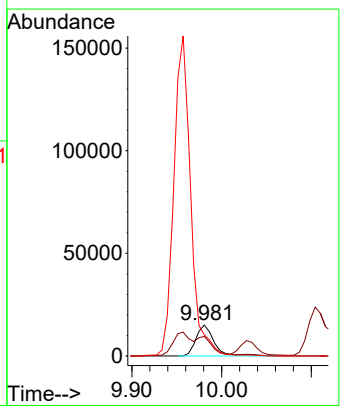


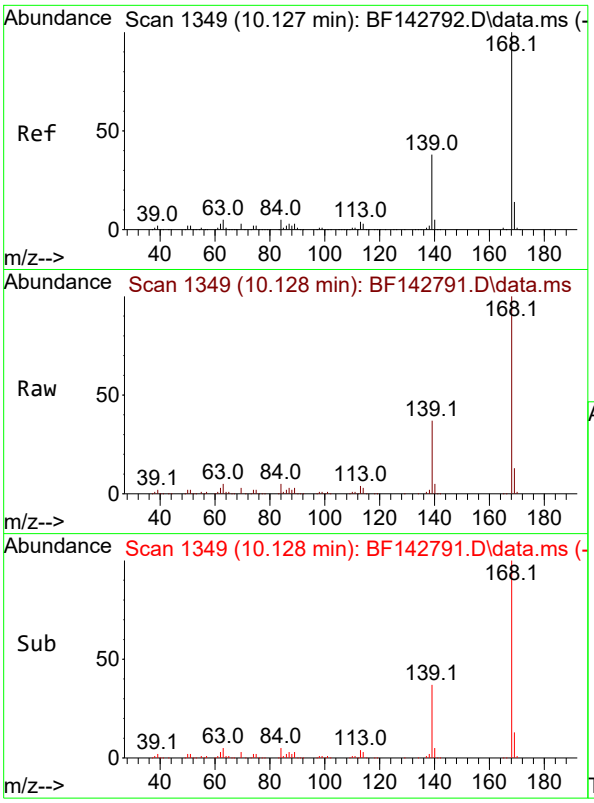


#54
2,4-Dinitrophenol
Concen: 16.576 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:184 Resp: 21231

Ion	Ratio	Lower	Upper
184	100		
63	62.9	50.6	75.8
154	68.5	51.8	77.8



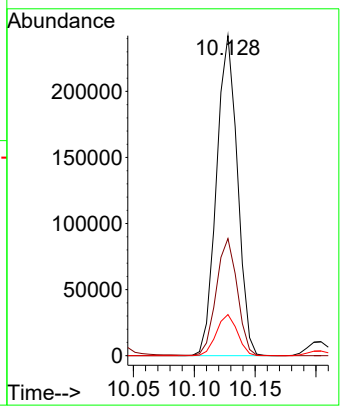


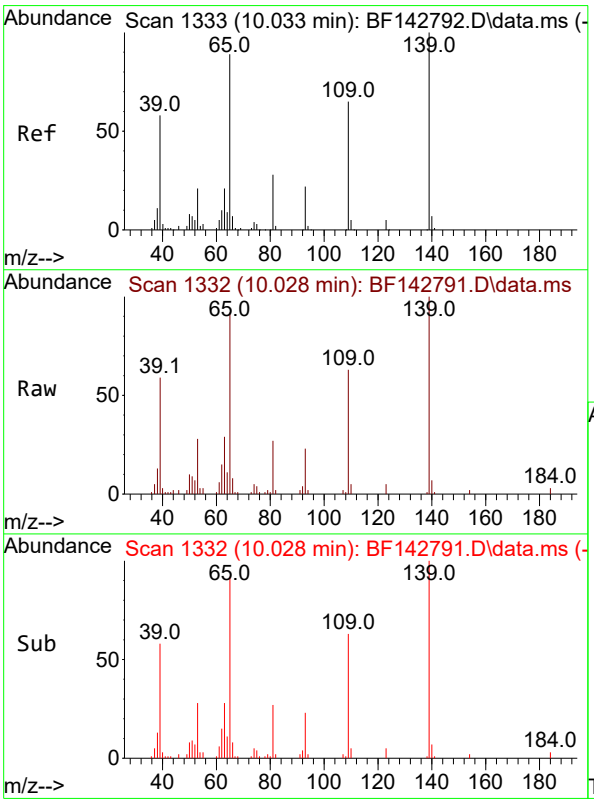
#55
Dibenzofuran
Concen: 20.736 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 290254

Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.2	45.4
169	12.8	10.8	16.2

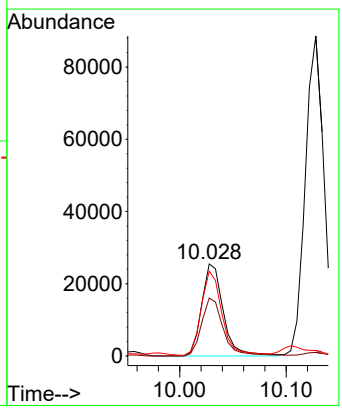


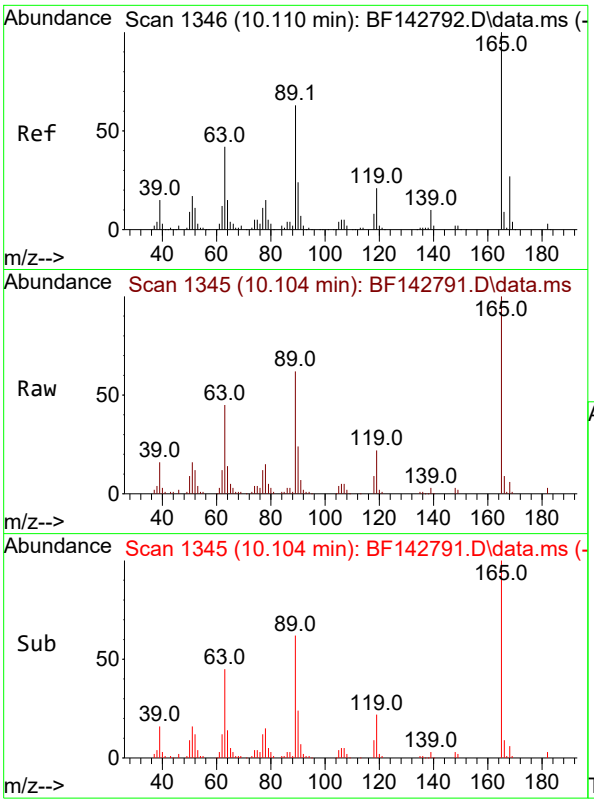


#56
4-Nitrophenol
Concen: 20.593 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:139 Resp: 35937

Ion	Ratio	Lower	Upper
139	100		
109	62.9	44.7	84.7
65	92.2	69.8	109.8



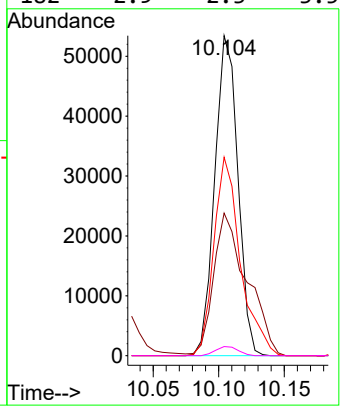


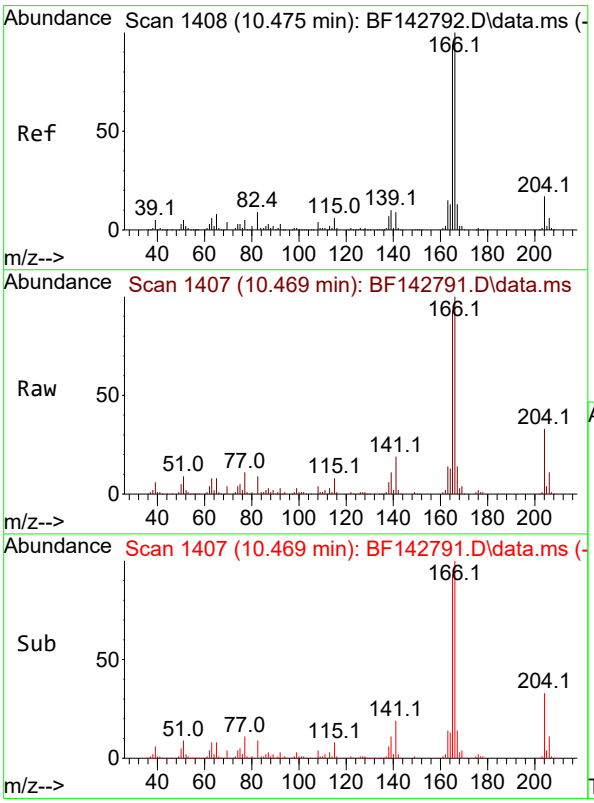
#57
2,4-Dinitrotoluene
Concen: 20.887 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 65367

Ion	Ratio	Lower	Upper
165	100		
63	44.5	33.9	50.9
89	62.0	50.6	75.8
182	2.9	2.3	3.5

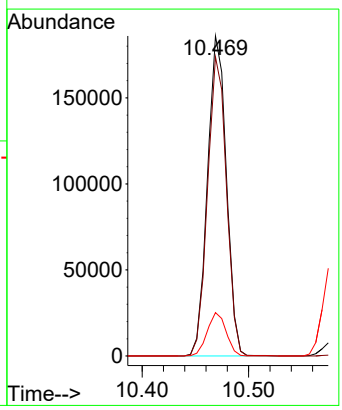


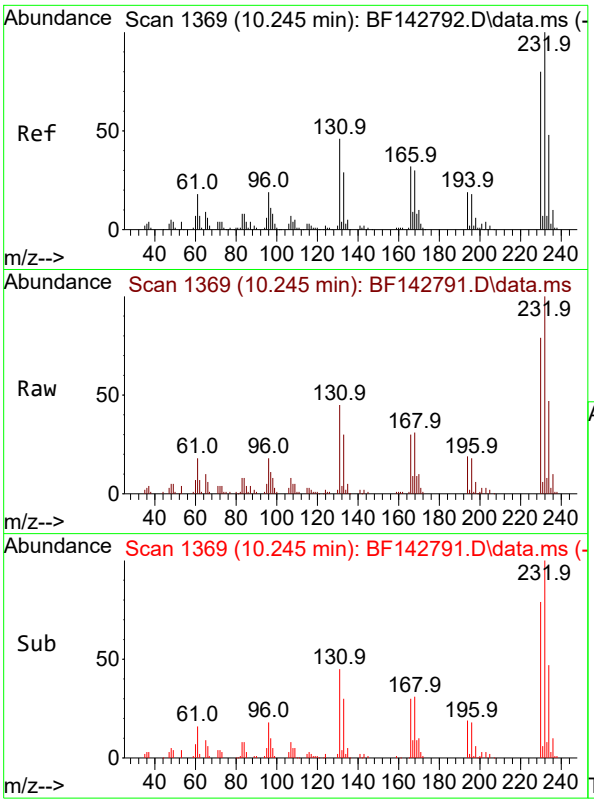


#58
Fluorene
Concen: 20.780 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:166 Resp: 229569

Ion	Ratio	Lower	Upper
166	100		
165	93.5	75.2	112.8
167	13.5	10.6	15.8



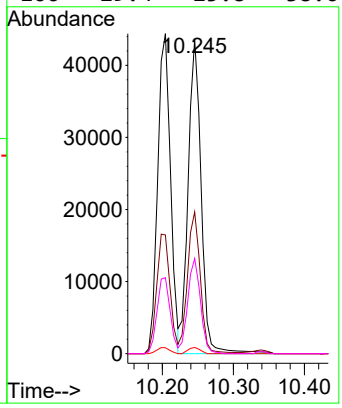


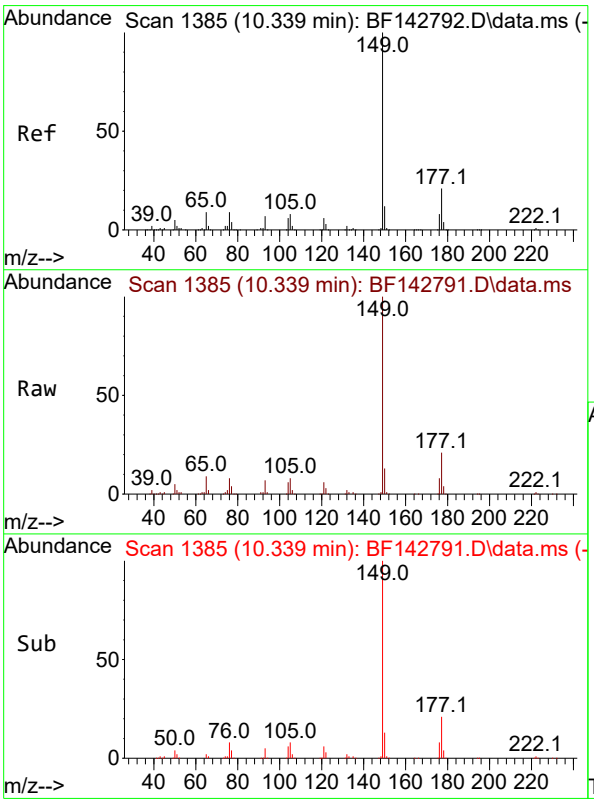
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.042 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 55799

Ion	Ratio	Lower	Upper
232	100		
131	44.3	37.6	56.4
130	1.8	1.7	2.5
166	29.4	25.8	38.6

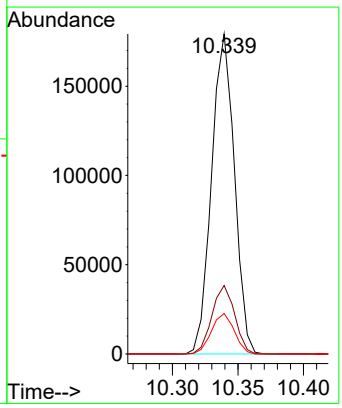


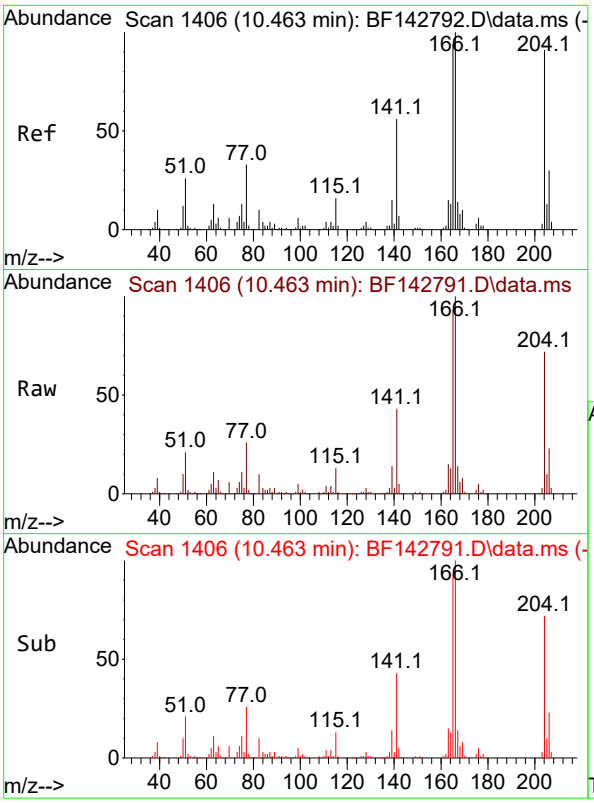


#60
Diethylphthalate
Concen: 20.020 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:149 Resp: 217133

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	12.6	9.8	14.6



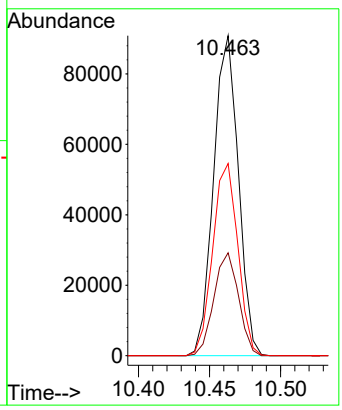


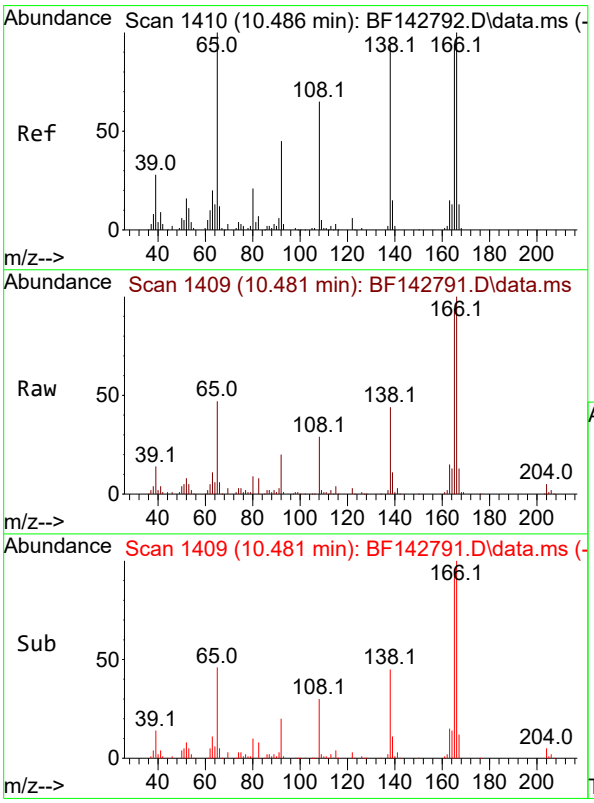
#61
4-Chlorophenyl-phenylether
Concen: 20.526 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 110133

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.3	39.5
141	60.1	49.1	73.7

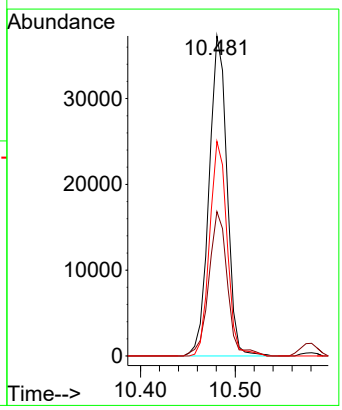


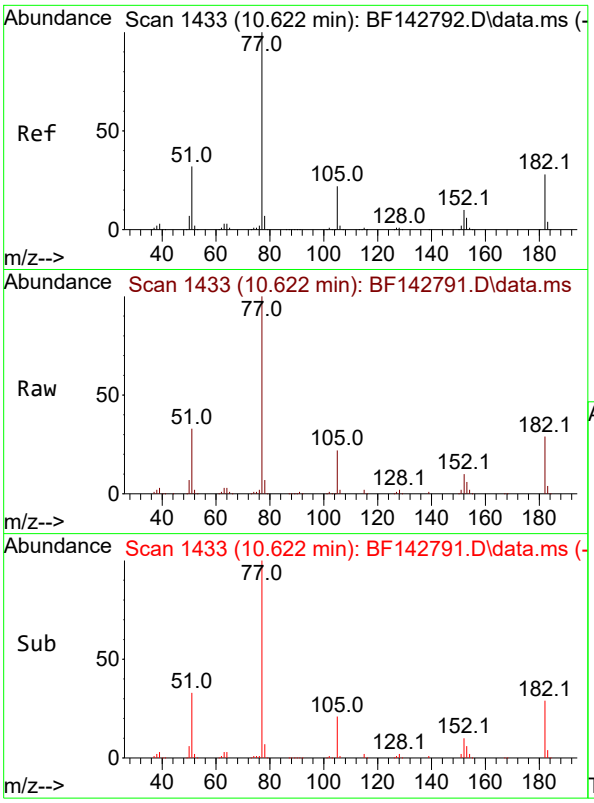


#62
4-Nitroaniline
Concen: 21.208 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:138 Resp: 48947

Ion	Ratio	Lower	Upper
138	100		
92	45.1	28.4	68.4
108	67.1	50.2	90.2



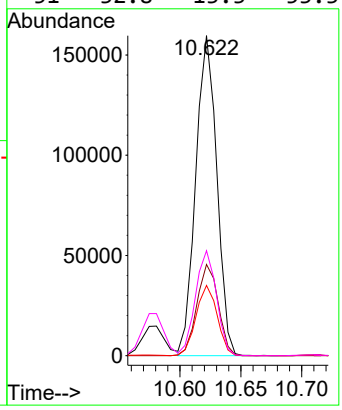


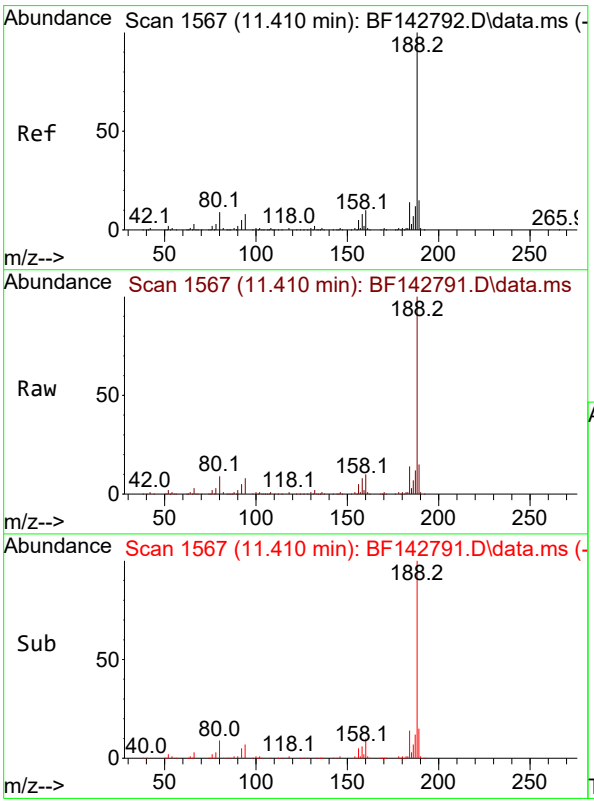
#63
Azobenzene
Concen: 20.263 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 192057

Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.7	47.7
105	22.0	1.9	41.9
51	32.8	13.3	53.3

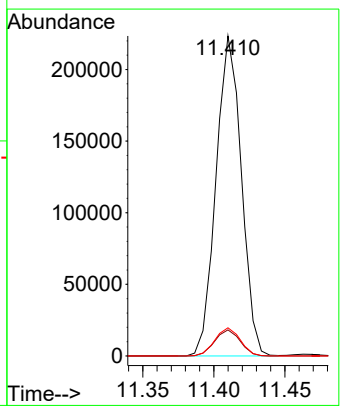


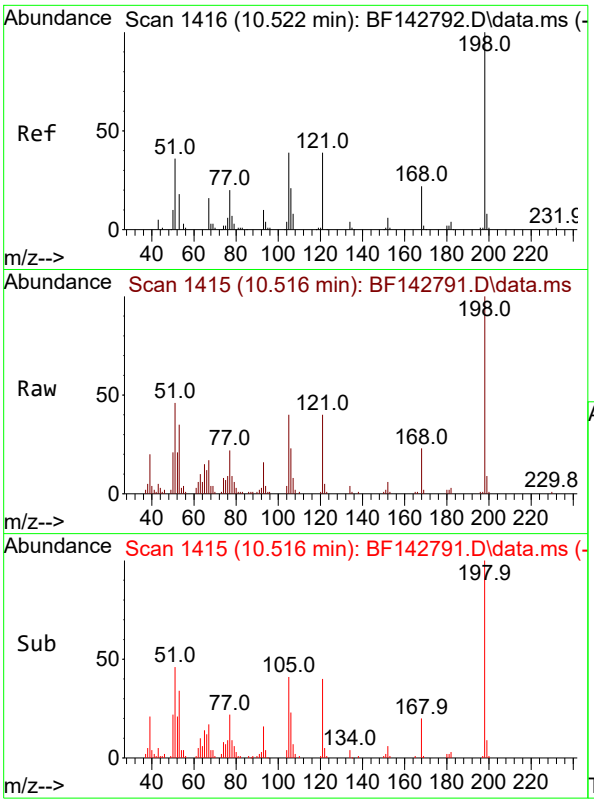


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:188 Resp: 277149

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.8	6.9	10.3



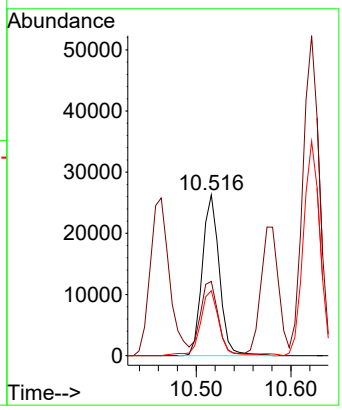


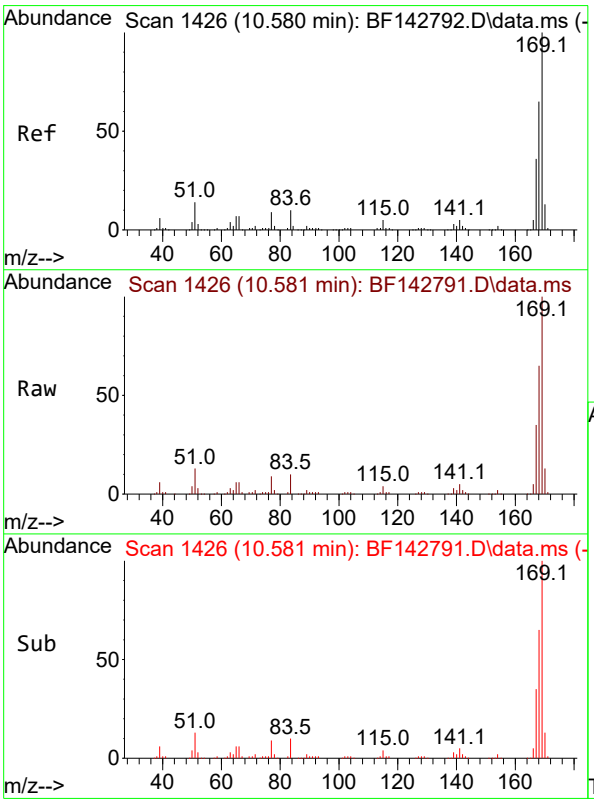
#65
4,6-Dinitro-2-methylphenol
Concen: 19.130 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 32946

Ion	Ratio	Lower	Upper
198	100		
51	46.2	25.4	65.4
105	40.4	20.4	60.4

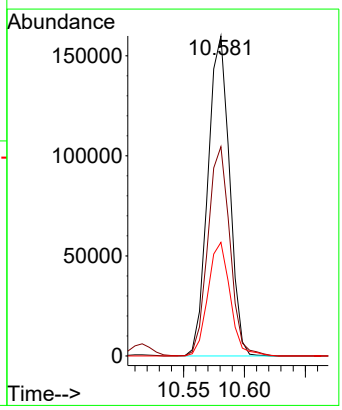


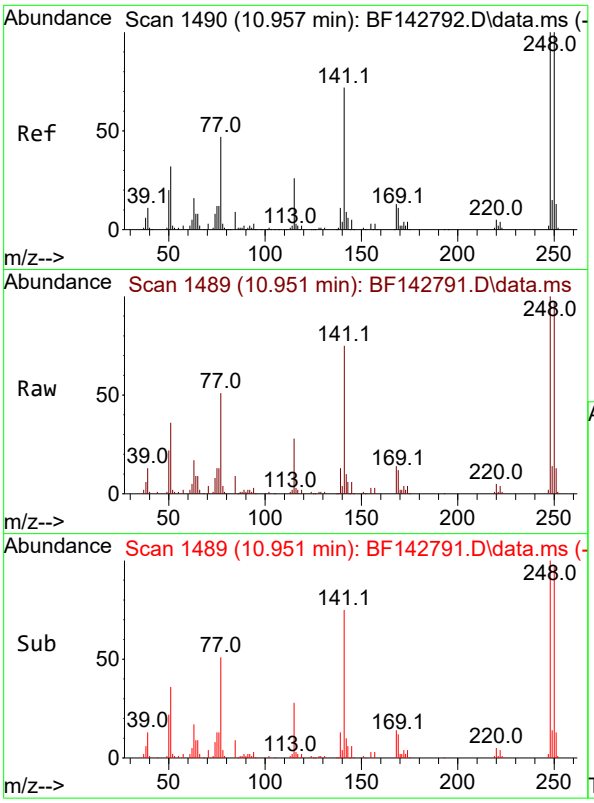


#66
n-Nitrosodiphenylamine
Concen: 20.670 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:169 Resp: 196840

Ion	Ratio	Lower	Upper
169	100		
168	65.4	51.9	77.9
167	35.5	28.5	42.7



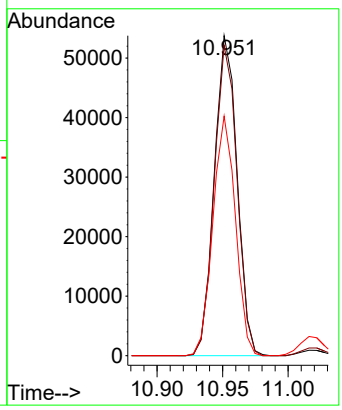


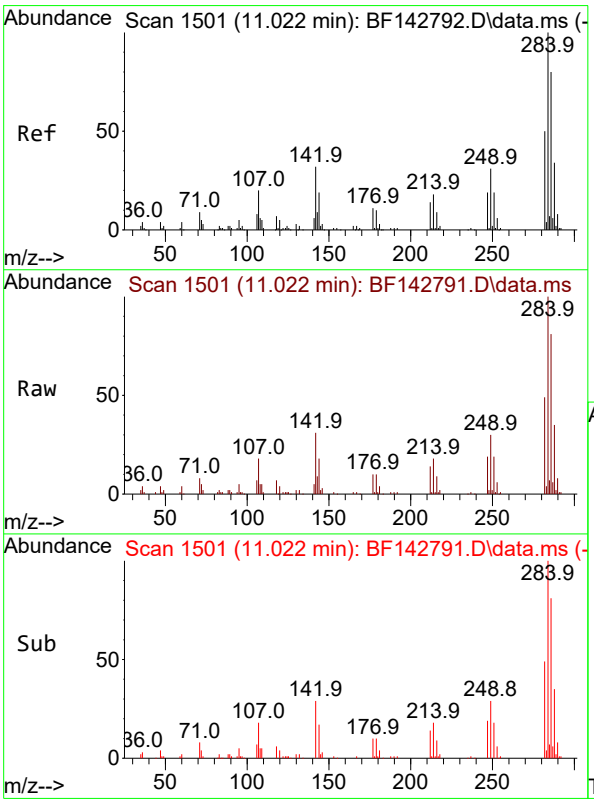
#67
4-Bromophenyl-phenylether
Concen: 20.068 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 65137

Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.8	119.8
141	74.9	57.8	86.6

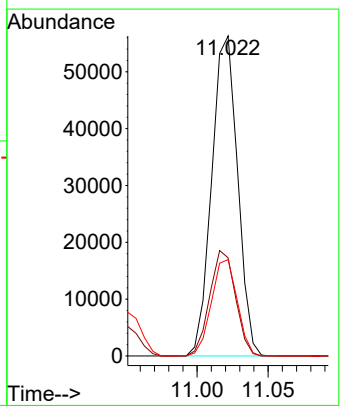


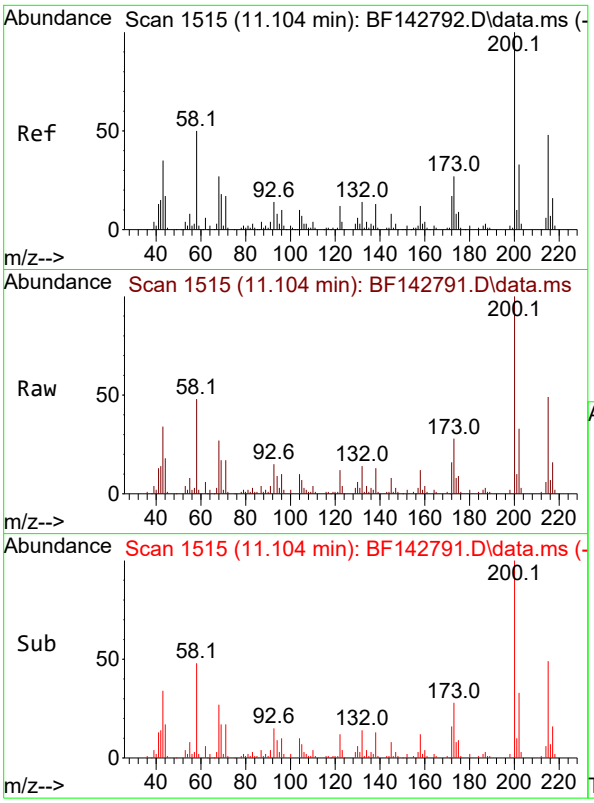


#68
Hexachlorobenzene
Concen: 19.802 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:284 Resp: 71354

Ion	Ratio	Lower	Upper
284	100		
142	30.7	25.5	38.3
249	30.1	24.9	37.3



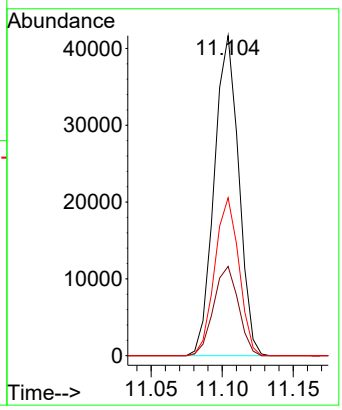


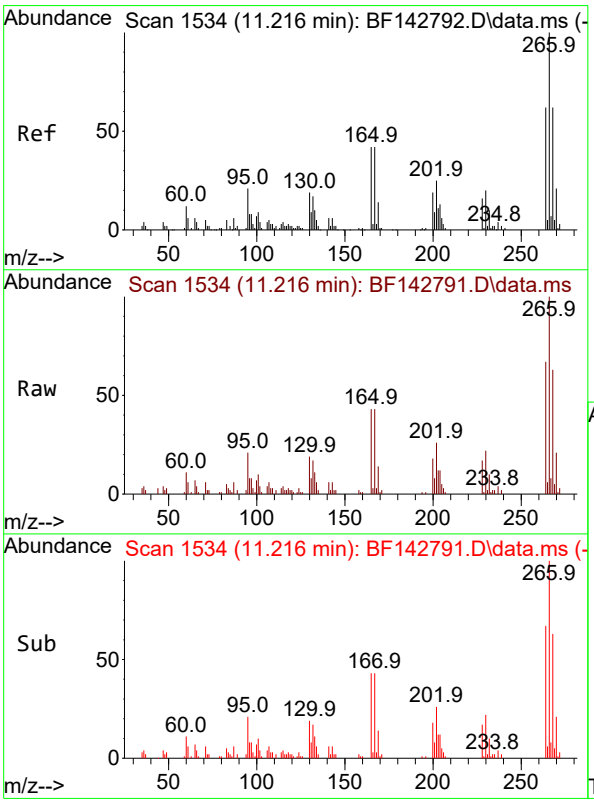
#69
Atrazine
Concen: 19.760 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 49963

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.4	47.4
215	49.3	28.4	68.4

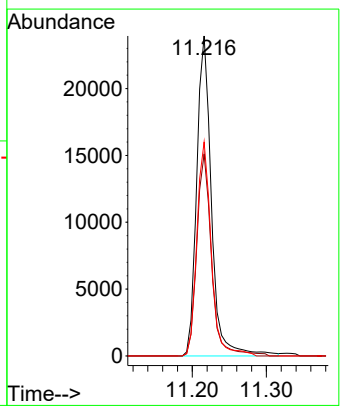


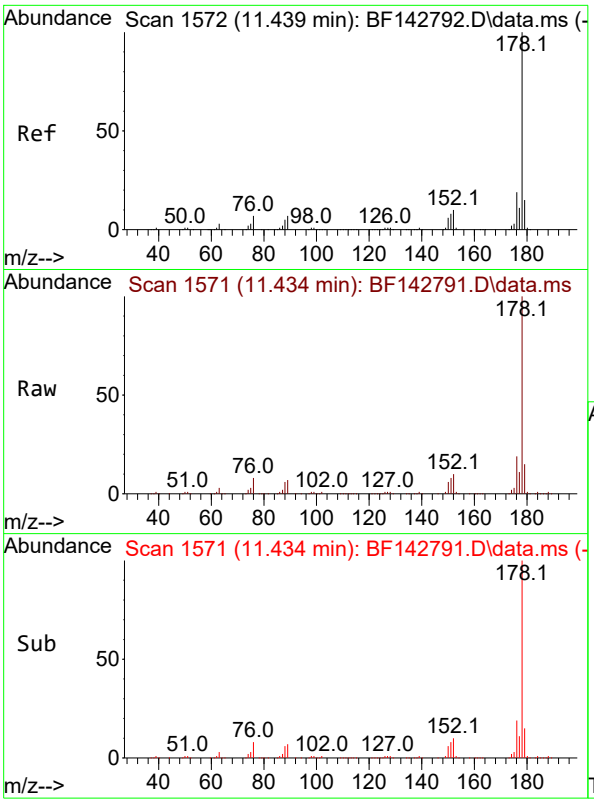


#70
Pentachlorophenol
Concen: 17.680 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:266 Resp: 33089

Ion	Ratio	Lower	Upper
266	100		
268	63.1	49.8	74.8
264	66.8	49.9	74.9



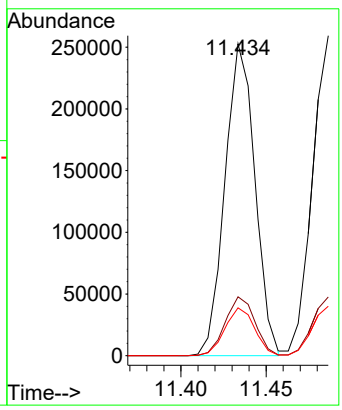


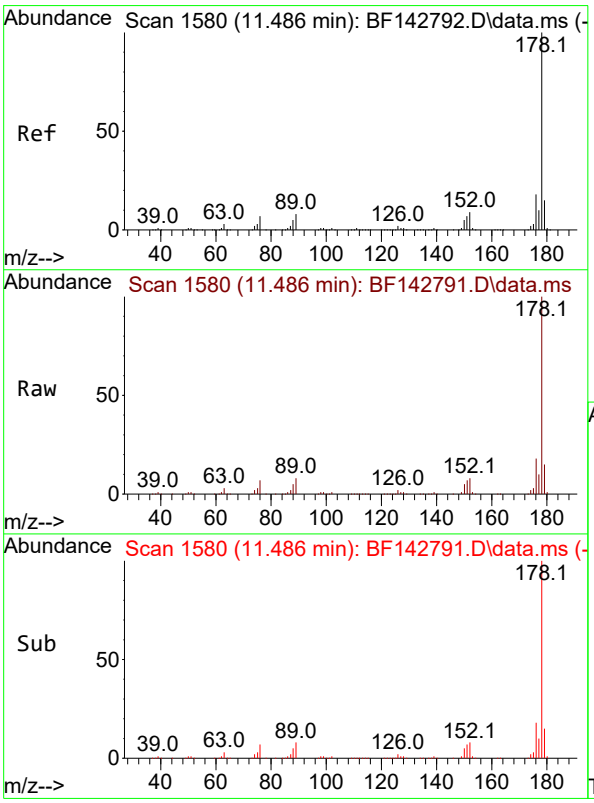
#71
Phenanthrene
Concen: 20.826 ng
RT: 11.434 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 309015

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.3	12.0	18.0

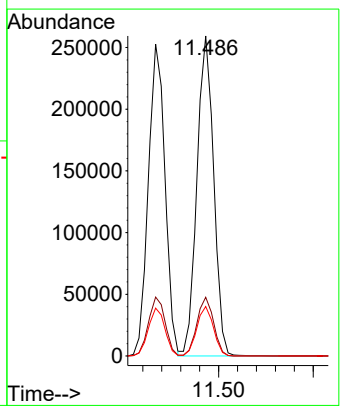


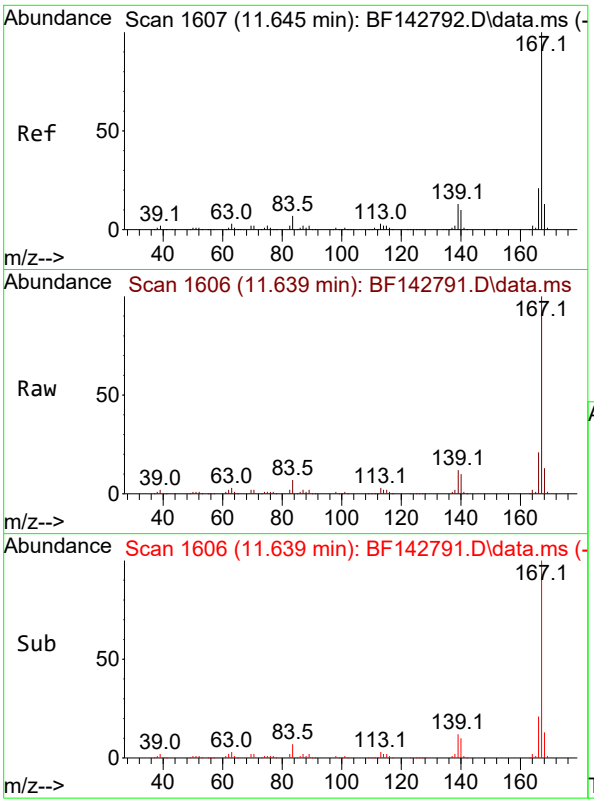


#72
Anthracene
Concen: 20.730 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:178 Resp: 318388

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.4	18.6



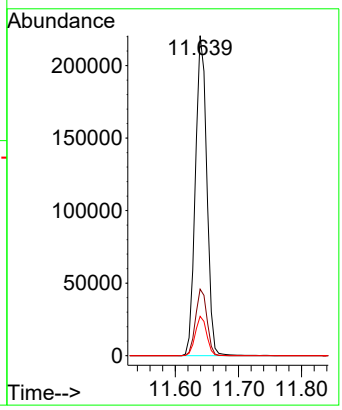


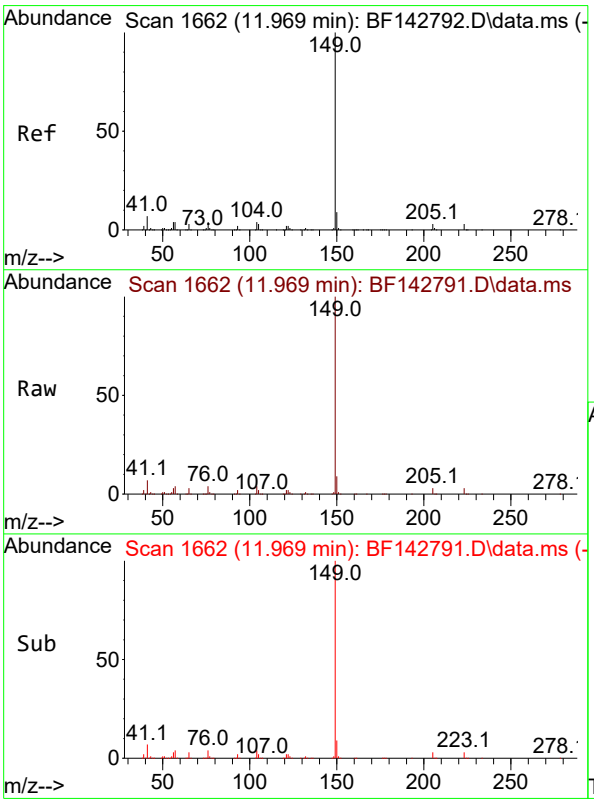
#73
Carbazole
Concen: 21.523 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 276824

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.4
139	12.3	10.2	15.2

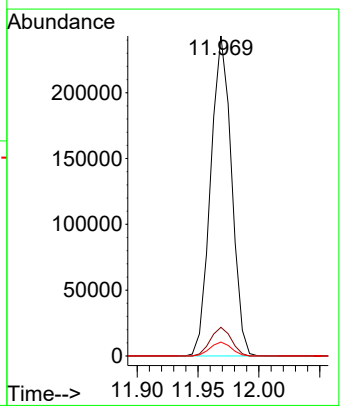


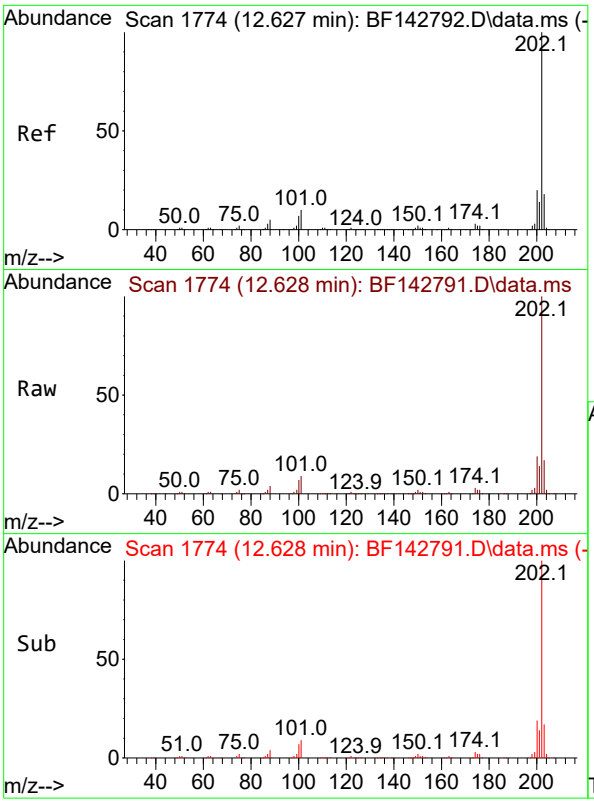


#74
Di-n-butylphthalate
Concen: 20.342 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:149 Resp: 289686

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.4	3.5	5.3



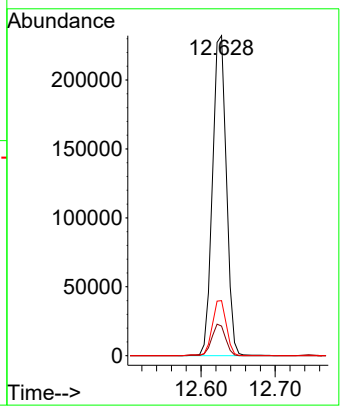


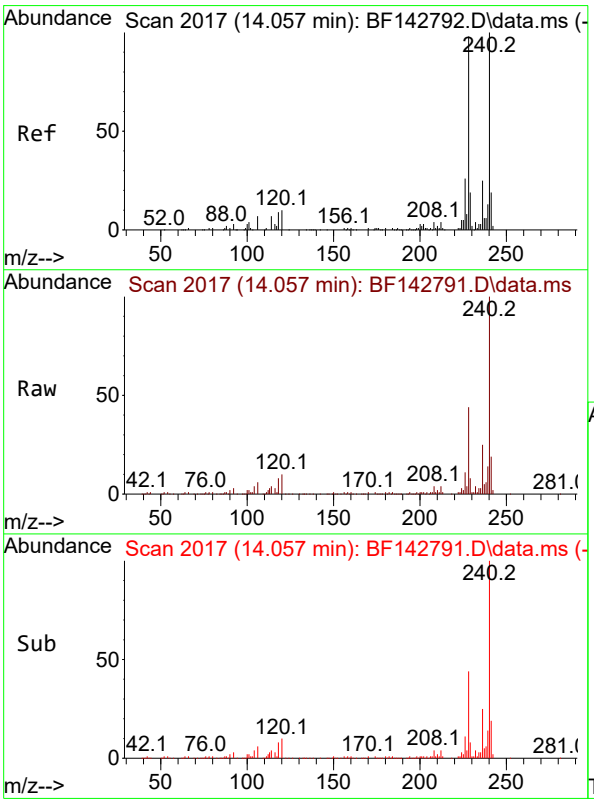
#75
Fluoranthene
Concen: 21.424 ng
RT: 12.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 302035

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.7
203	17.2	0.0	37.5

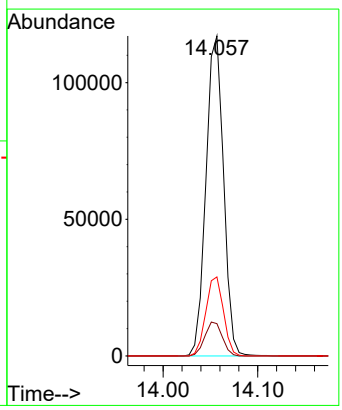


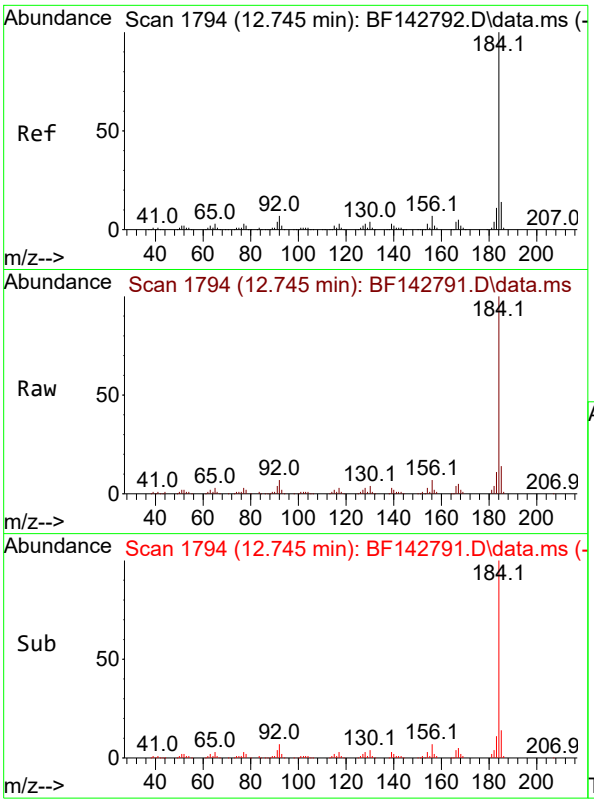


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:240 Resp: 151398

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.2
236	24.7	19.8	29.8



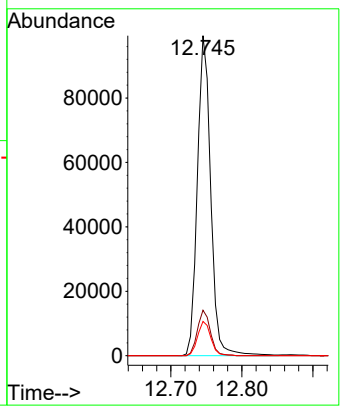


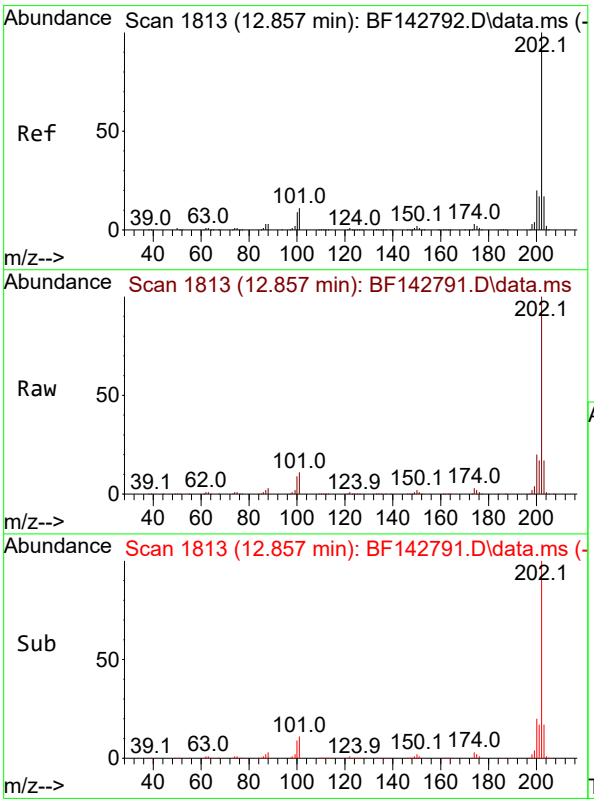
#77
Benzidine
Concen: 24.285 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 130162

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	10.7	9.0	13.4

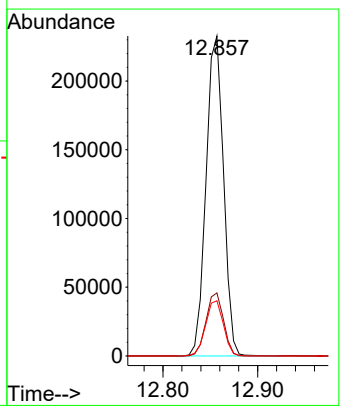


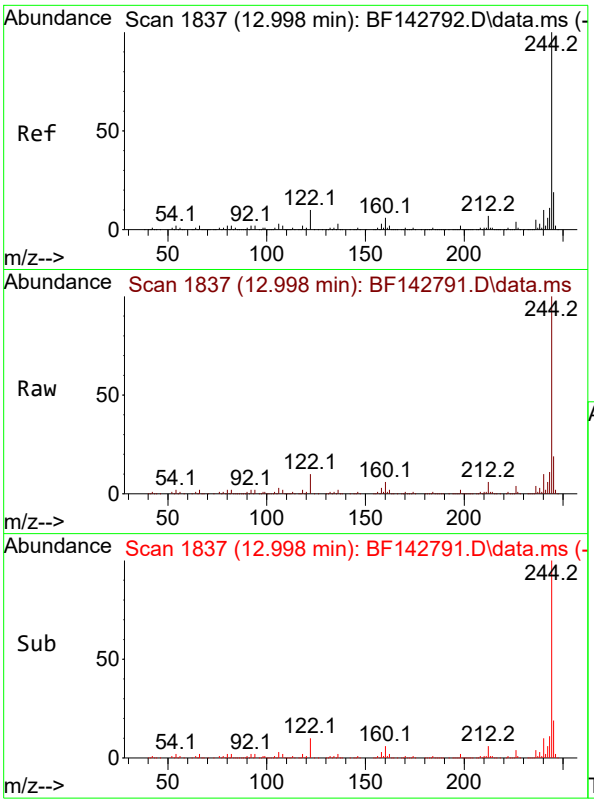


#78
Pyrene
Concen: 21.413 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:202 Resp: 297999

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	17.3	13.8	20.6



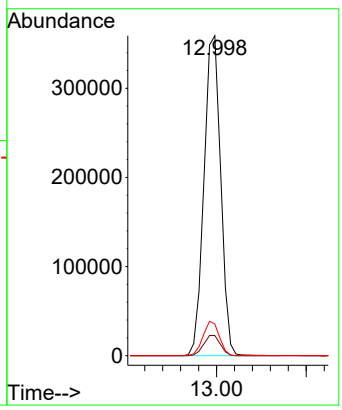


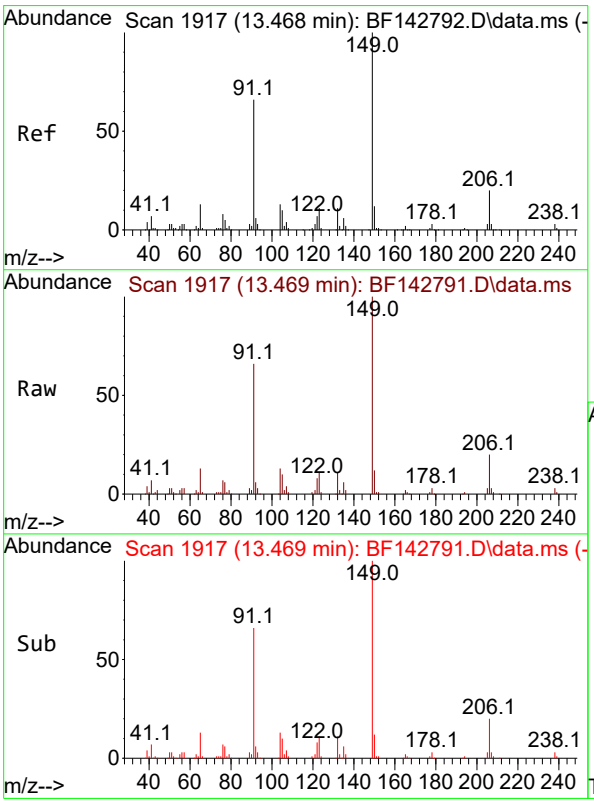
#79
Terphenyl-d14
Concen: 42.675 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 464214

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.9	8.2	12.2

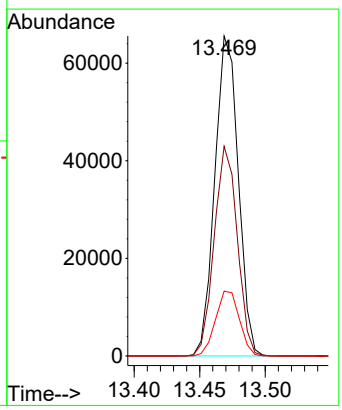


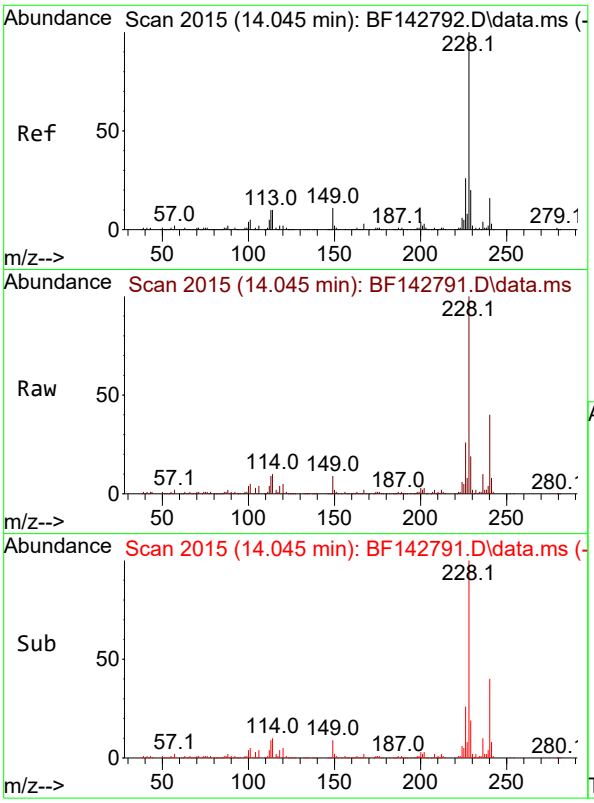


#80
Butylbenzylphthalate
Concen: 19.761 ng
RT: 13.469 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:149 Resp: 81500

Ion	Ratio	Lower	Upper
149	100		
91	65.5	52.9	79.3
206	20.3	16.3	24.5



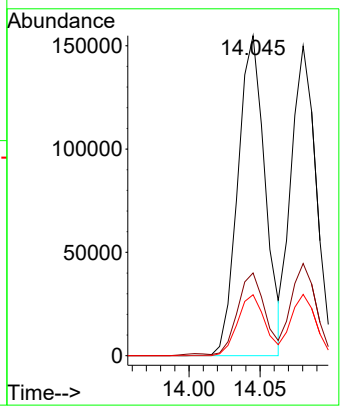


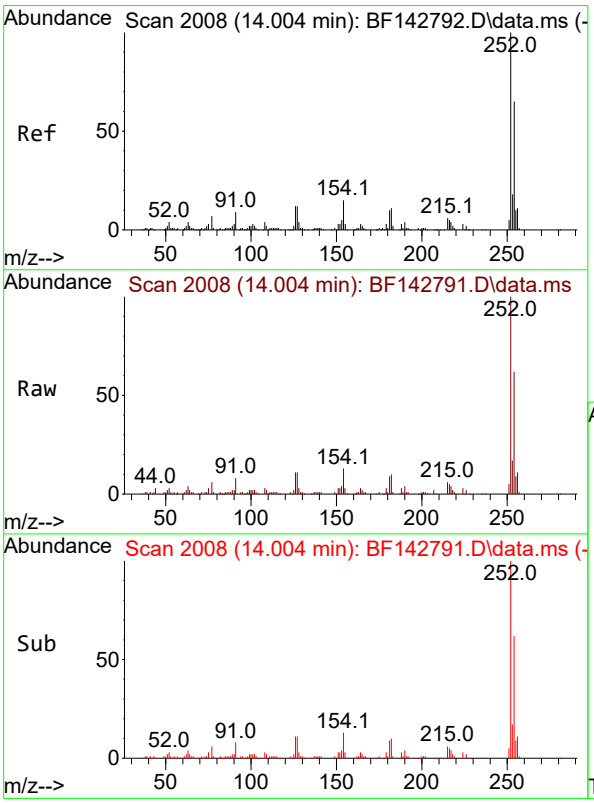
#81
Benzo(a)anthracene
Concen: 20.807 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 206831

Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.2	31.8
229	19.0	15.6	23.4

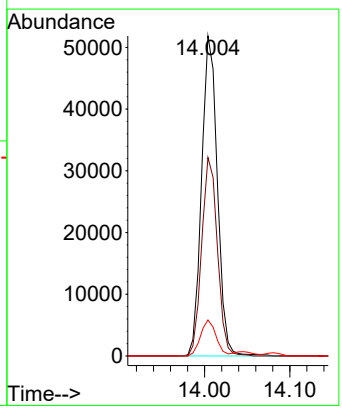


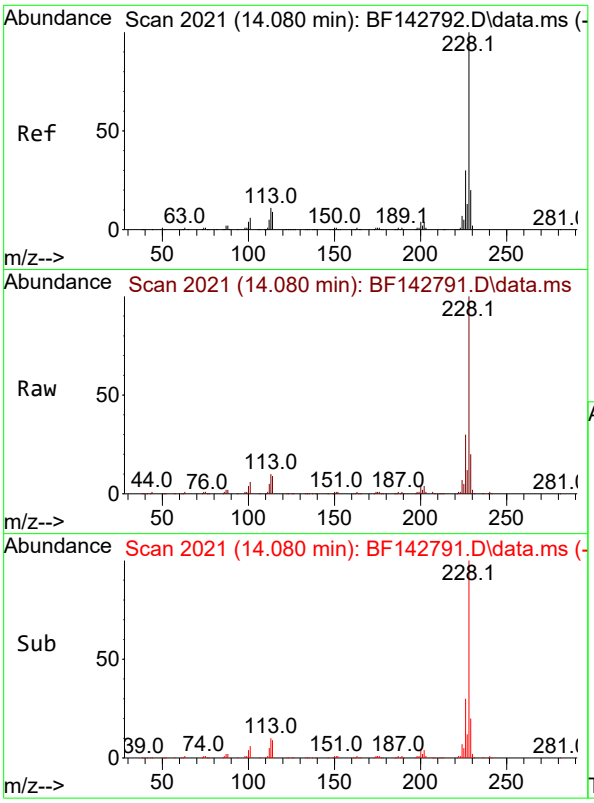


#82
3,3'-Dichlorobenzidine
Concen: 20.714 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:252 Resp: 66675

Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.7	77.5
126	11.3	9.4	14.2



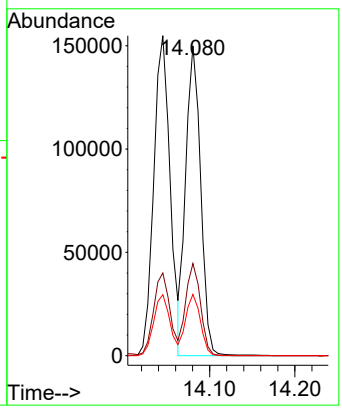


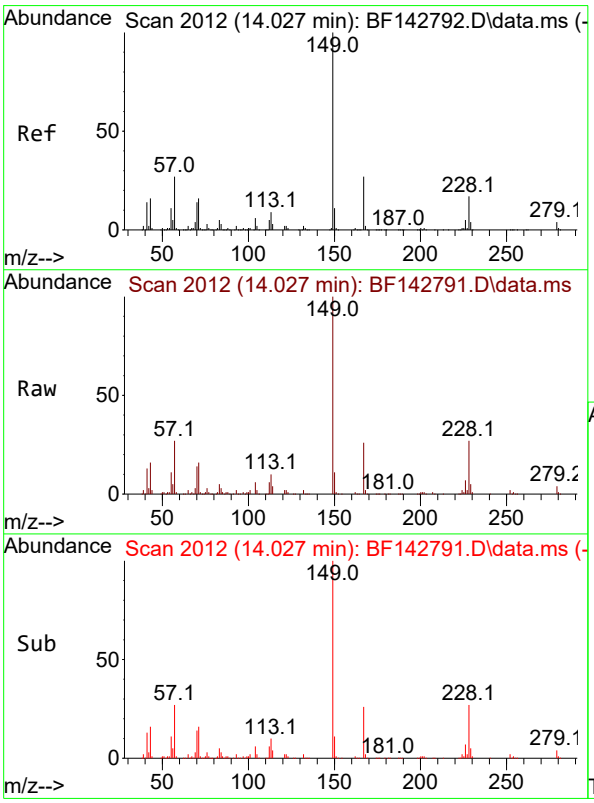
#83
Chrysene
Concen: 19.756 ng
RT: 14.080 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 182829

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	19.8	15.7	23.5

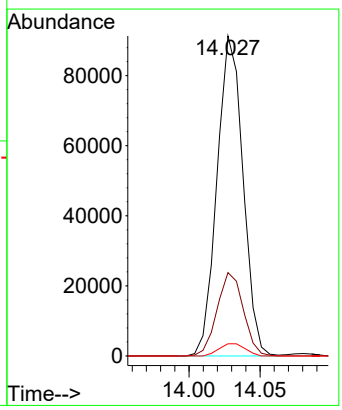


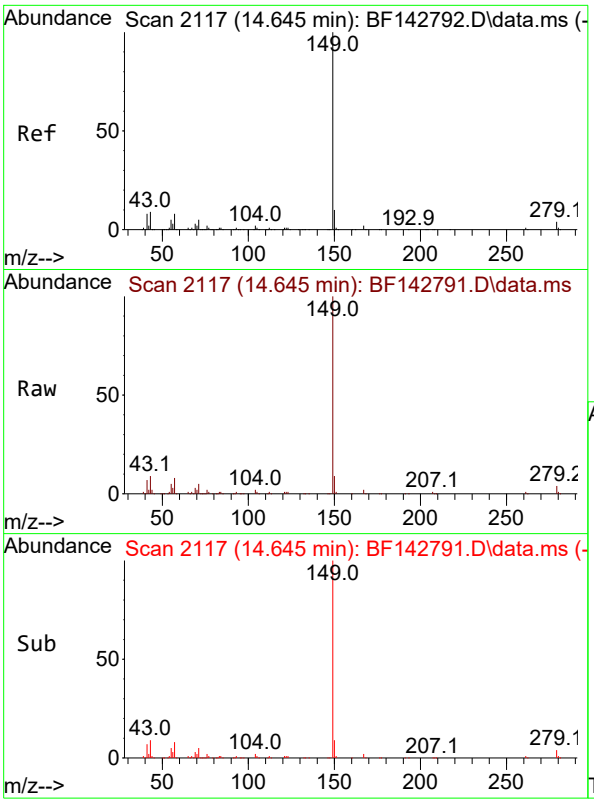


#84
Bis(2-ethylhexyl)phthalate
Concen: 18.892 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:149 Resp: 116092

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.4	32.0
279	3.8	3.0	4.6



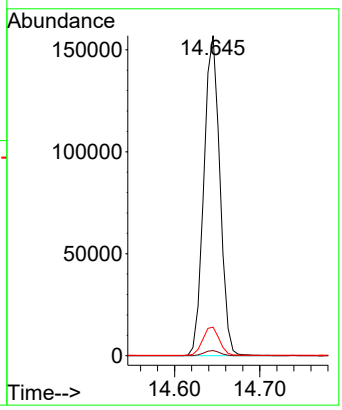


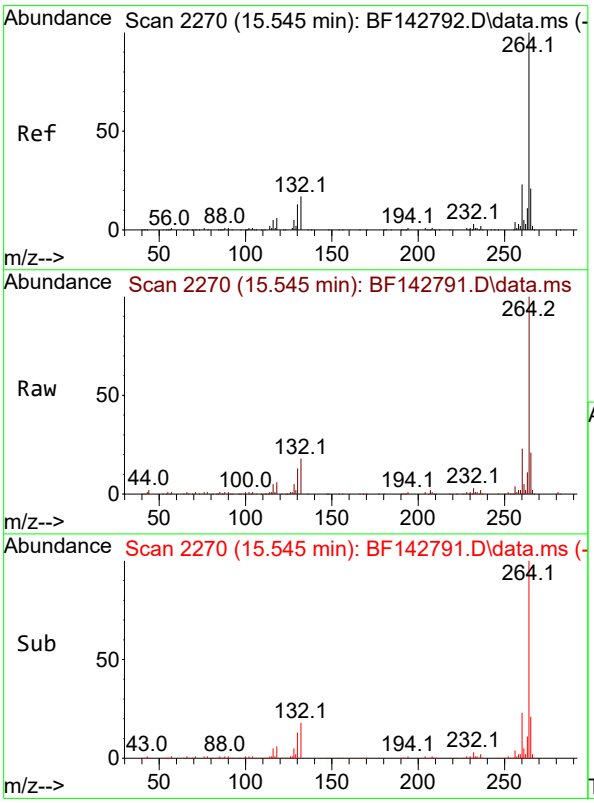
#85
Di-n-octyl phthalate
Concen: 17.475 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 204632

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	7.6	11.4

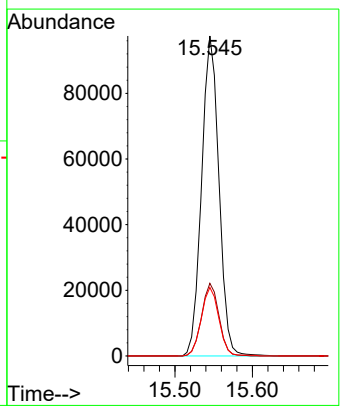


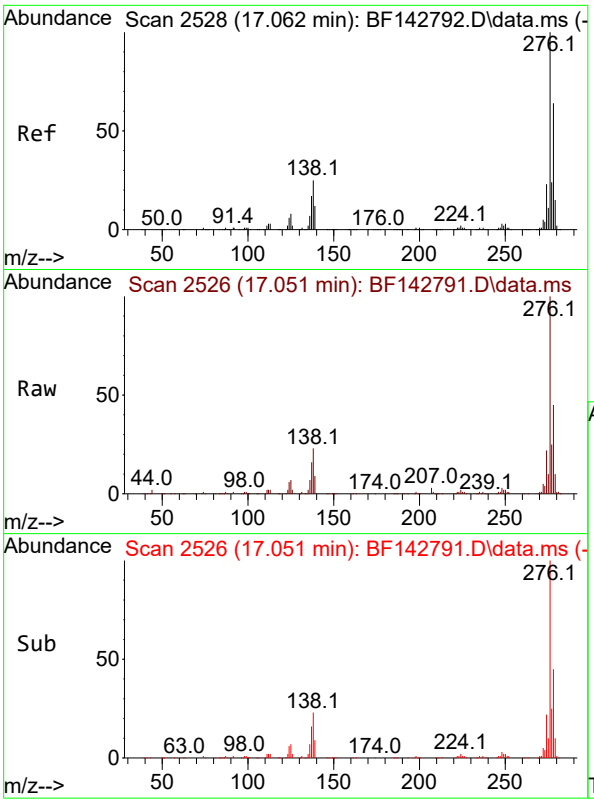


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:264 Resp: 151331

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.1	27.1
265	21.4	16.6	25.0



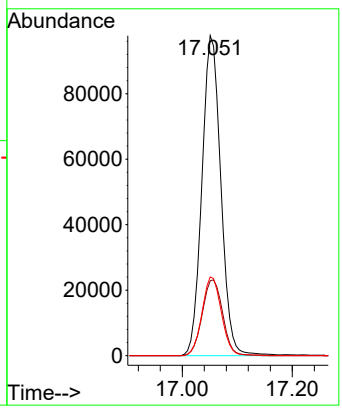


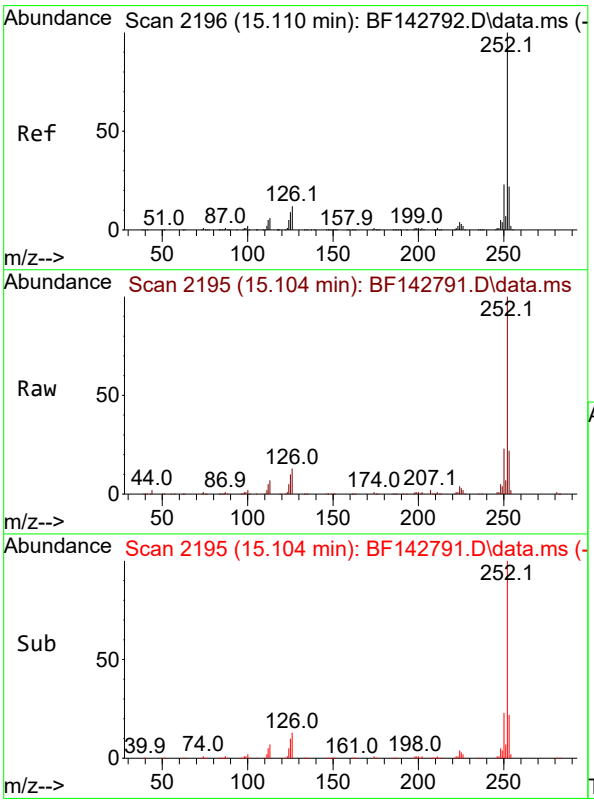
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.893 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 233757

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.2	30.4
277	25.2	19.8	29.6

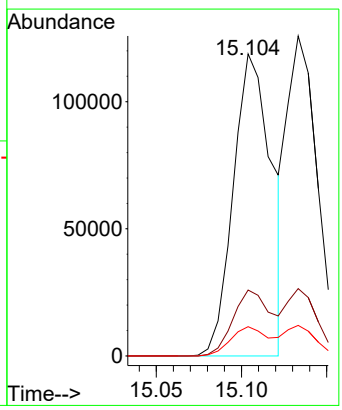


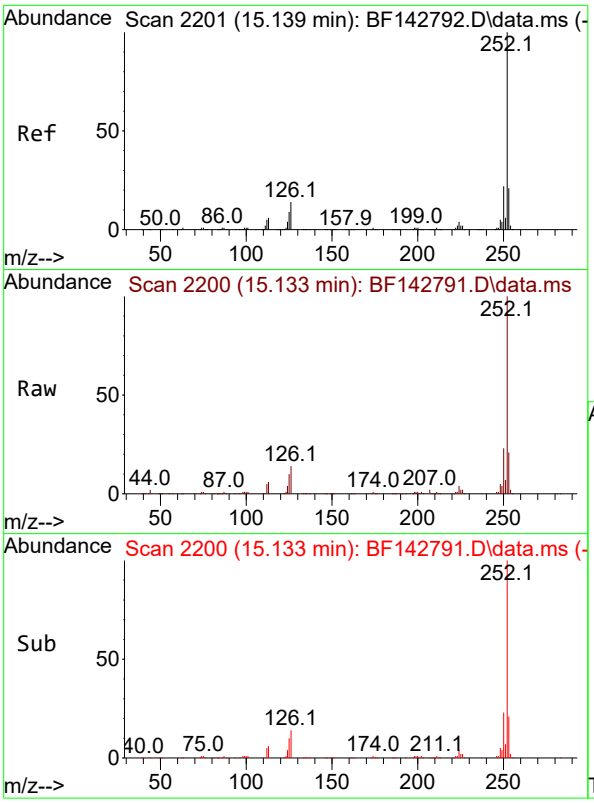


#88
Benzo(b)fluoranthene
Concen: 21.056 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:252 Resp: 185574

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.7	7.4	11.0



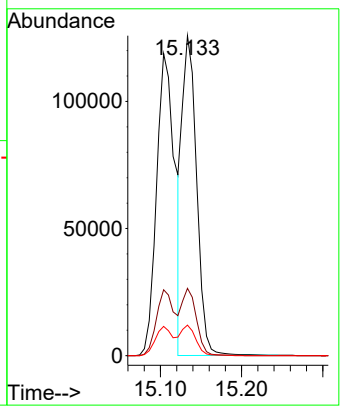


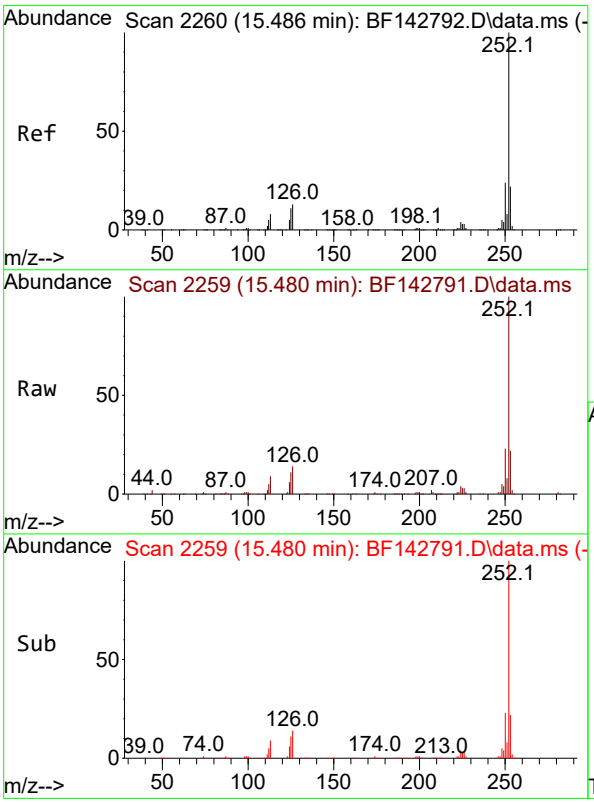
#89
Benzo(k)fluoranthene
Concen: 18.201 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 156588

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	9.6	7.4	11.2

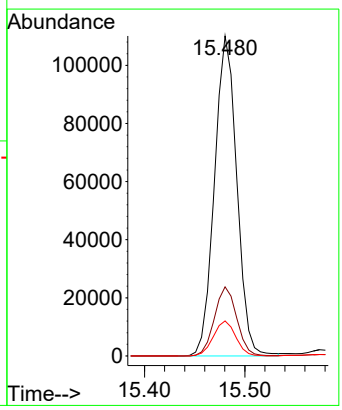


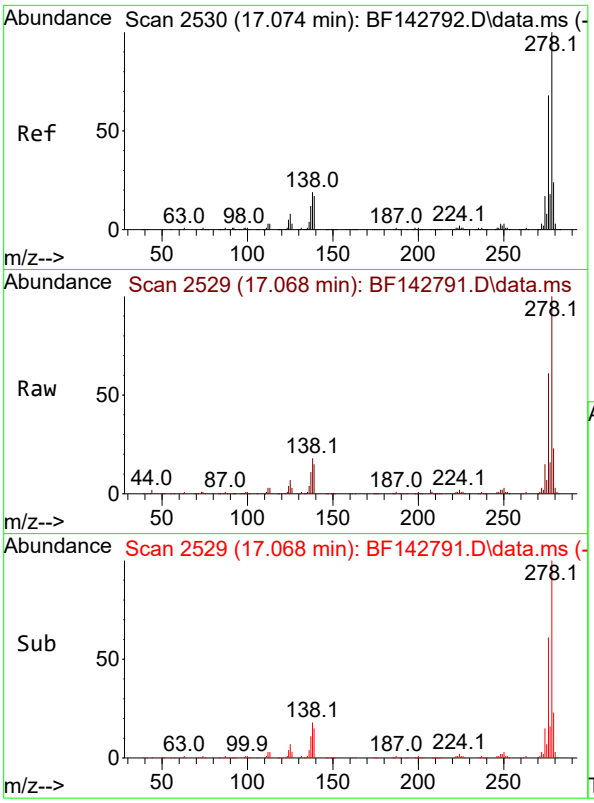


#90
Benzo(a)pyrene
Concen: 20.162 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:252 Resp: 170053

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	11.0	8.6	12.8



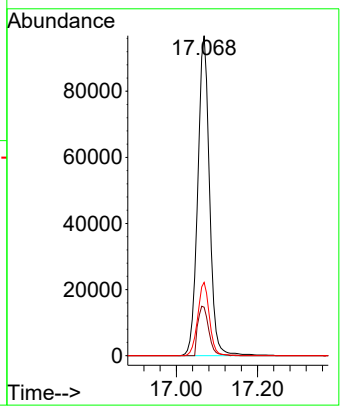


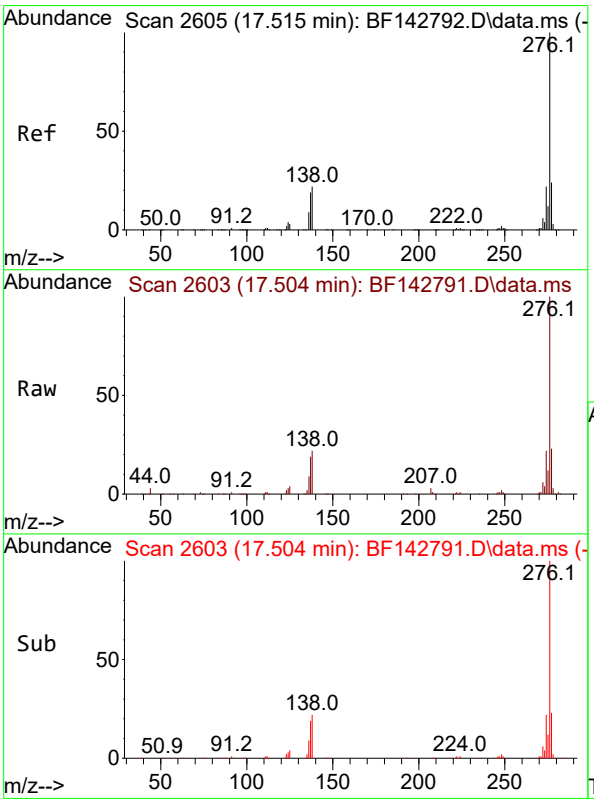
#91
Dibenzo(a,h)anthracene
Concen: 21.504 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 195608

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.5	20.3
279	22.9	18.8	28.2

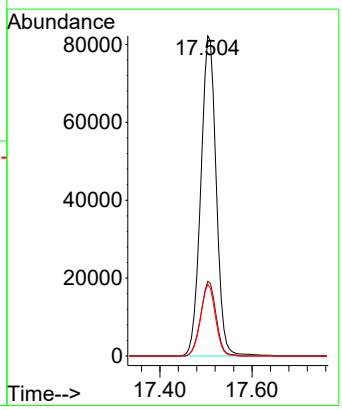




#92
Benzo(g,h,i)perylene
Concen: 21.109 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:276 Resp: 191567

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	22.3	17.6	26.4



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142792.D
Acq On : 19 Jun 2025 19:09
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jun 20 04:39:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83734	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	313297	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	161991	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	263346	20.000	ng	0.00
76) Chrysene-d12	14.057	240	142481	20.000	ng	0.00
86) Perylene-d12	15.545	264	170267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	384996	78.420	ng	0.00
7) Phenol-d6	6.510	99	448961	77.879	ng	0.00
23) Nitrobenzene-d5	7.445	82	443431	77.580	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	129669	73.654	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	926905	76.120	ng	0.00
79) Terphenyl-d14	12.998	244	756495	73.897	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	77194	39.596	ng	100
3) Pyridine	3.410	79	194866	39.924	ng	100
4) n-Nitrosodimethylamine	3.357	42	99851	39.943	ng	100
6) Aniline	6.545	93	304377	39.397	ng	100
8) 2-Chlorophenol	6.663	128	208444	38.992	ng	100
9) Benzaldehyde	6.434	77	126748	36.063	ng	100
10) Phenol	6.522	94	253916	39.504	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	179469	37.634	ng	100
12) 1,3-Dichlorobenzene	6.822	146	230658	37.892	ng	100
13) 1,4-Dichlorobenzene	6.898	146	235951	38.243	ng	100
14) 1,2-Dichlorobenzene	7.051	146	222976	37.805	ng	100
15) Benzyl Alcohol	7.022	79	163491	37.888	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	288515	38.400	ng	100
17) 2-Methylphenol	7.134	107	157159	38.454	ng	100
18) Hexachloroethane	7.392	117	83524	37.870	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	131792	36.251	ng	100
20) 3+4-Methylphenols	7.286	107	196876	38.274	ng	100
22) Acetophenone	7.292	105	262224	37.828	ng	100
24) Nitrobenzene	7.463	77	200051	39.383	ng	100
25) Isophorone	7.704	82	347894	36.294	ng	100
26) 2-Nitrophenol	7.781	139	111792	39.497	ng	100
27) 2,4-Dimethylphenol	7.816	122	187808	38.974	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	222264	37.249	ng	100
29) 2,4-Dichlorophenol	8.022	162	171329	38.576	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	187194	38.155	ng	100
31) Naphthalene	8.186	128	584986	37.966	ng	100
32) Benzoic acid	7.922	122	98210	36.734	ng	100
33) 4-Chloroaniline	8.233	127	237317	38.432	ng	100
34) Hexachlorobutadiene	8.304	225	115333	37.099	ng	100
35) Caprolactam	8.604	113	44914	37.583	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	168353	36.695	ng	100
37) 2-Methylnaphthalene	8.880	142	362692	37.313	ng	100
38) 1-Methylnaphthalene	8.980	142	374836	37.143	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	180481	38.596	ng	100
41) Hexachlorocyclopentadiene	9.033	237	108999	36.863	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	118412	39.129	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142792.D
Acq On : 19 Jun 2025 19:09
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jun 20 04:39:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

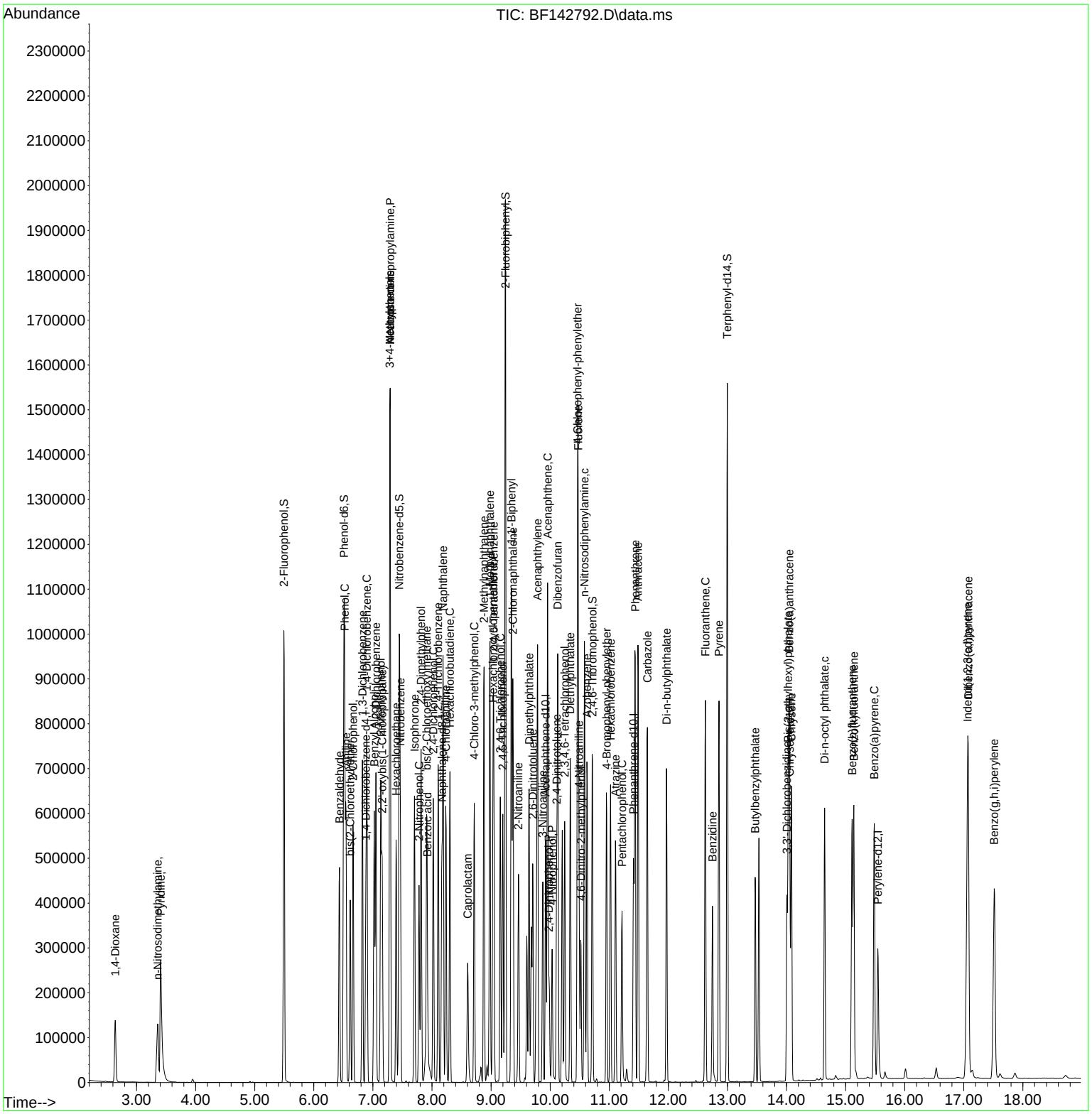
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	126712	38.774	ng	100
46) 1,1'-Biphenyl	9.345	154	487587	38.765	ng	100
47) 2-Chloronaphthalene	9.369	162	365760	39.408	ng	100
48) 2-Nitroaniline	9.463	65	105098	39.858	ng	100
49) Acenaphthylene	9.786	152	603057	38.649	ng	100
50) Dimethylphthalate	9.645	163	397980	37.038	ng	100
51) 2,6-Dinitrotoluene	9.704	165	89811	38.557	ng	100
52) Acenaphthene	9.957	154	369889	38.310	ng	100
53) 3-Nitroaniline	9.875	138	97950	38.714	ng	100
54) 2,4-Dinitrophenol	9.980	184	46000	36.494	ng	100
55) Dibenzofuran	10.127	168	526718	38.235	ng	100
56) 4-Nitrophenol	10.033	139	67375	39.230	ng	100
57) 2,4-Dinitrotoluene	10.110	165	119021	38.644	ng	100
58) Fluorene	10.475	166	408102	37.535	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	100957	36.847	ng	100
60) Diethylphthalate	10.339	149	392278	36.752	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	193928	36.726	ng	100
62) 4-Nitroaniline	10.486	138	88142	38.806	ng	100
63) Azobenzene	10.622	77	350110	37.534	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	62800	38.375	ng	100
66) n-Nitrosodiphenylamine	10.580	169	353033	39.014	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	114874	37.246	ng	100
68) Hexachlorobenzene	11.022	284	126882	37.057	ng	100
69) Atrazine	11.104	200	91444	38.060	ng	100
70) Pentachlorophenol	11.216	266	65999	37.113	ng	100
71) Phenanthrene	11.439	178	542935	38.508	ng	100
72) Anthracene	11.486	178	560180	38.384	ng	100
73) Carbazole	11.645	167	473801	38.769	ng	100
74) Di-n-butylphthalate	11.969	149	498285	36.824	ng	100
75) Fluoranthene	12.627	202	502656	37.522	ng	100
77) Benzidine	12.745	184	220379	43.691	ng	100
78) Pyrene	12.857	202	496538	37.911	ng	100
80) Butylbenzylphthalate	13.468	149	155920	40.172	ng	100
81) Benzo(a)anthracene	14.045	228	360377	38.522	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	122140	40.321	ng	100
83) Chrysene	14.080	228	331830	38.101	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	228949	39.589	ng	100
85) Di-n-octyl phthalate	14.645	149	416971	37.837	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	501803	39.863	ng	100
88) Benzo(b)fluoranthene	15.110	252	365164	36.825	ng	100
89) Benzo(k)fluoranthene	15.139	252	352993	36.466	ng	100
90) Benzo(a)pyrene	15.486	252	363990	38.357	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	401876	39.266	ng	100
92) Benzo(g,h,i)perylene	17.515	276	404711	39.635	ng	100

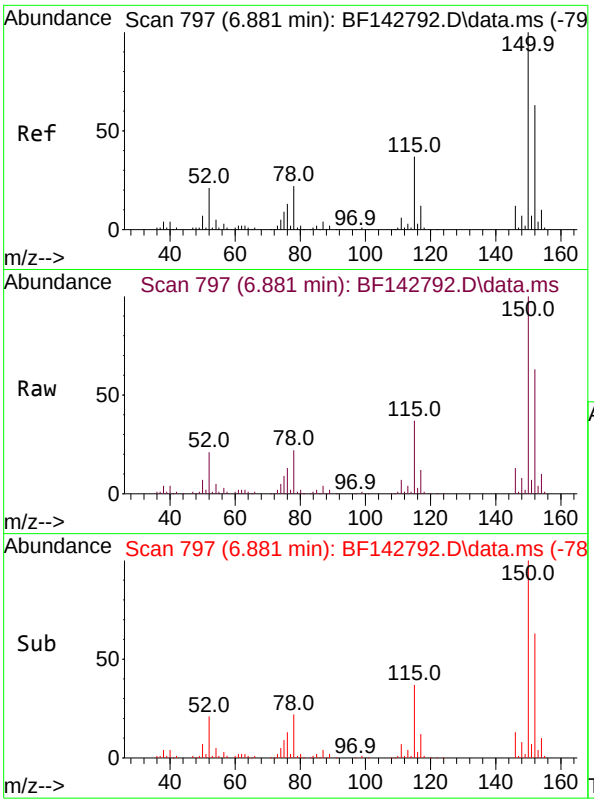
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Data File : BF142792.D
Acq On : 19 Jun 2025 19:09
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jun 20 04:39:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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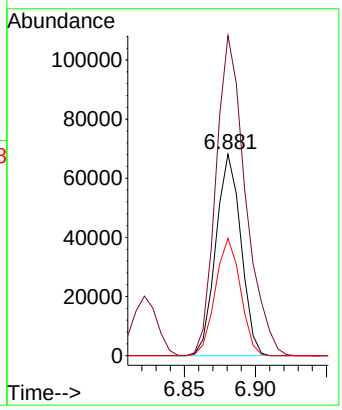


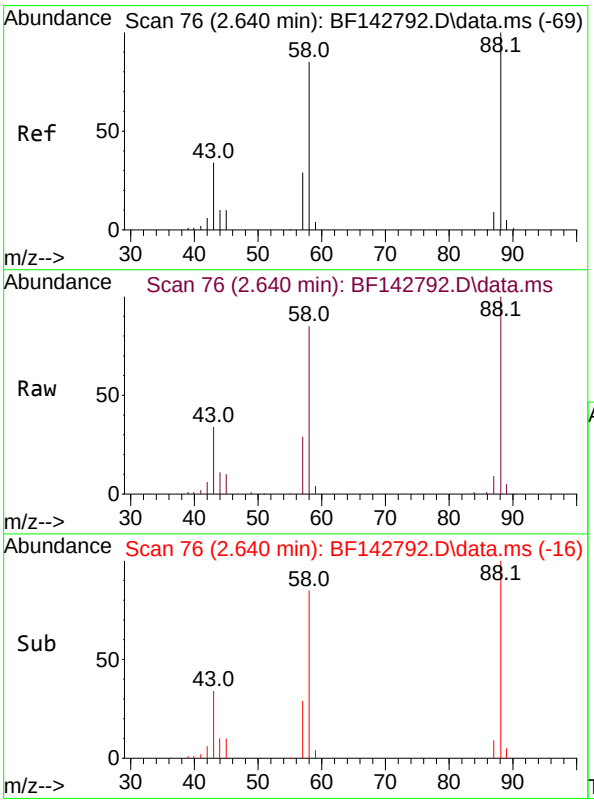
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 83734

Ion	Ratio	Lower	Upper
152	100		
150	159.0	127.2	190.8
115	58.2	46.6	69.8

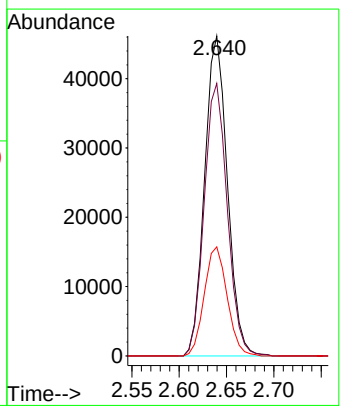


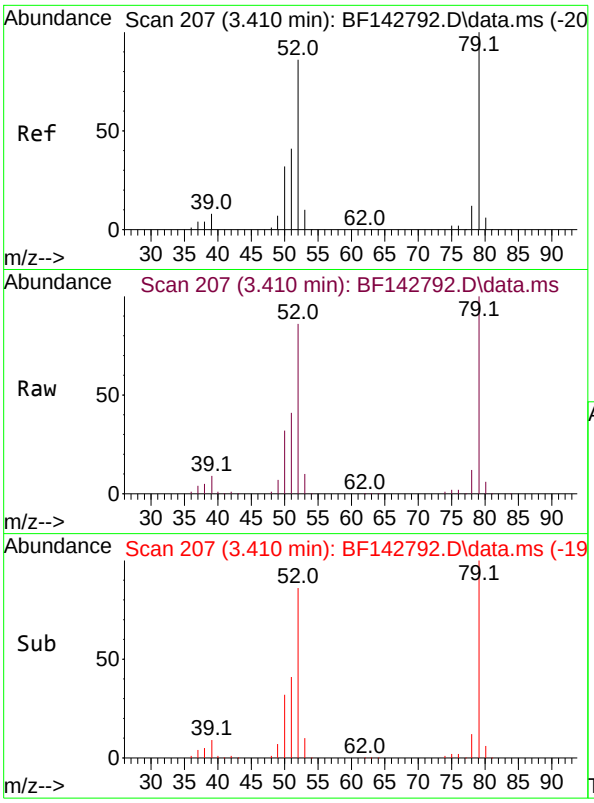


#2
1,4-Dioxane
Concen: 39.596 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 88 Resp: 77194

Ion	Ratio	Lower	Upper
88	100		
58	86.4	69.1	103.7
43	34.3	27.4	41.2



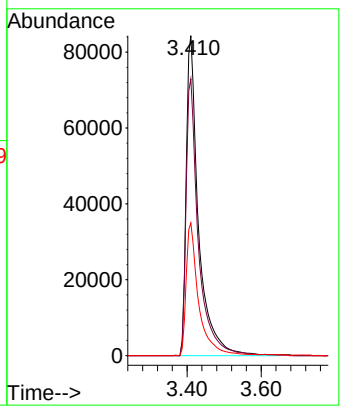


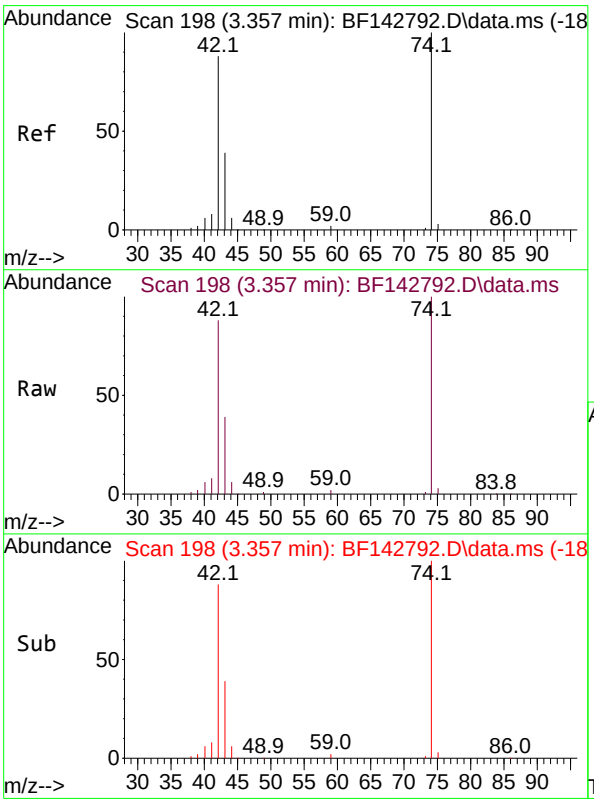
#3
Pyridine
Concen: 39.924 ng
RT: 3.410 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 194866

Ion	Ratio	Lower	Upper
79	100		
52	86.5	69.2	103.8
51	41.5	33.2	49.8

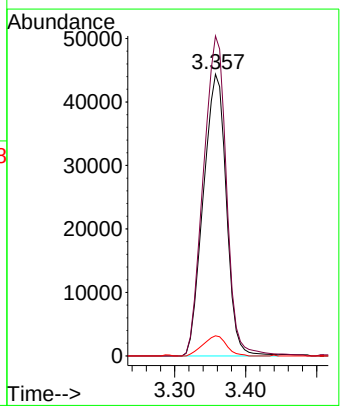


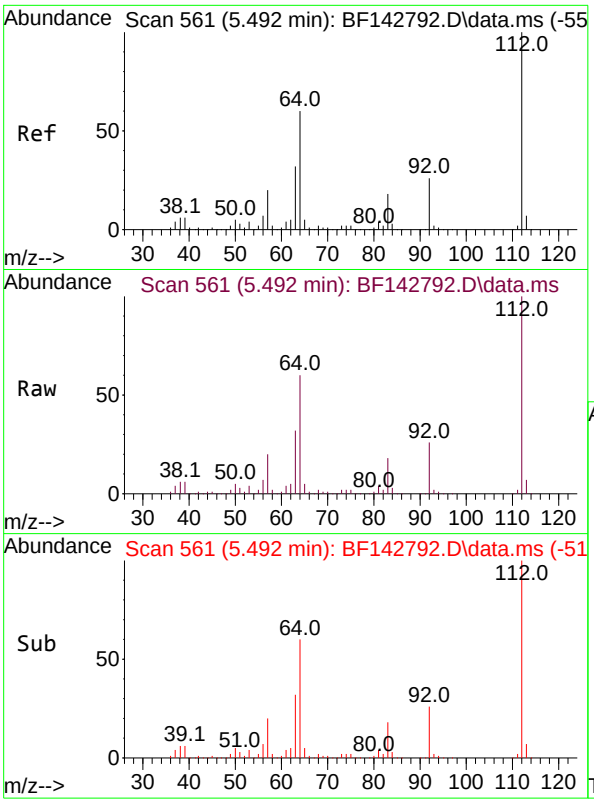


#4
n-Nitrosodimethylamine
Concen: 39.943 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 42 Resp: 99851

Ion	Ratio	Lower	Upper
42	100		
74	113.6	90.9	136.3
44	7.2	5.8	8.6



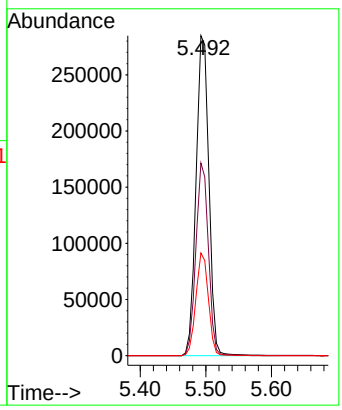


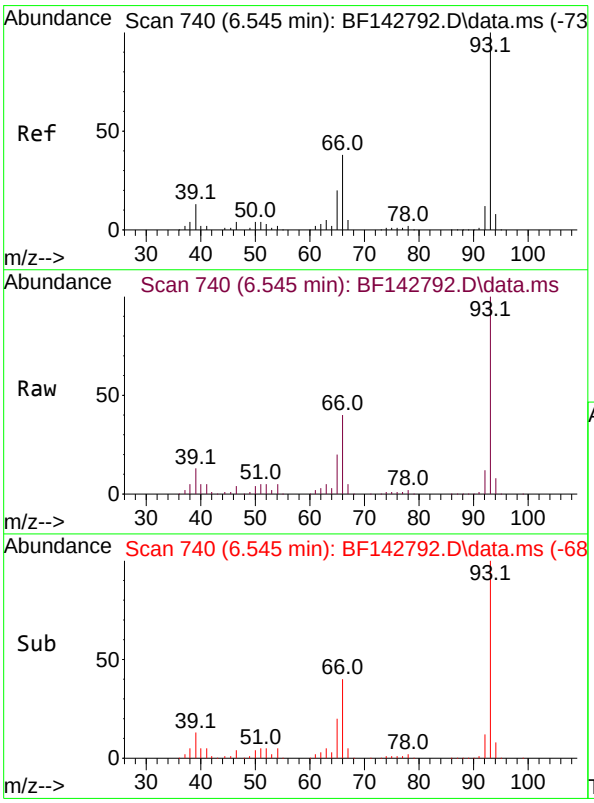
#5
2-Fluorophenol
Concen: 78.420 ng
RT: 5.492 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 384996

Ion	Ratio	Lower	Upper
112	100		
64	60.2	48.2	72.2
63	32.1	25.7	38.5

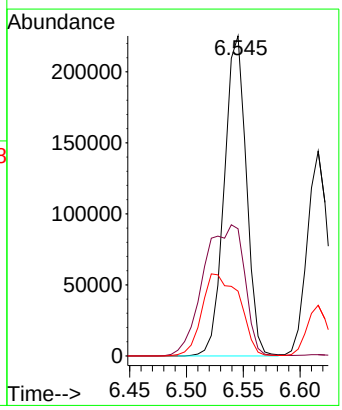


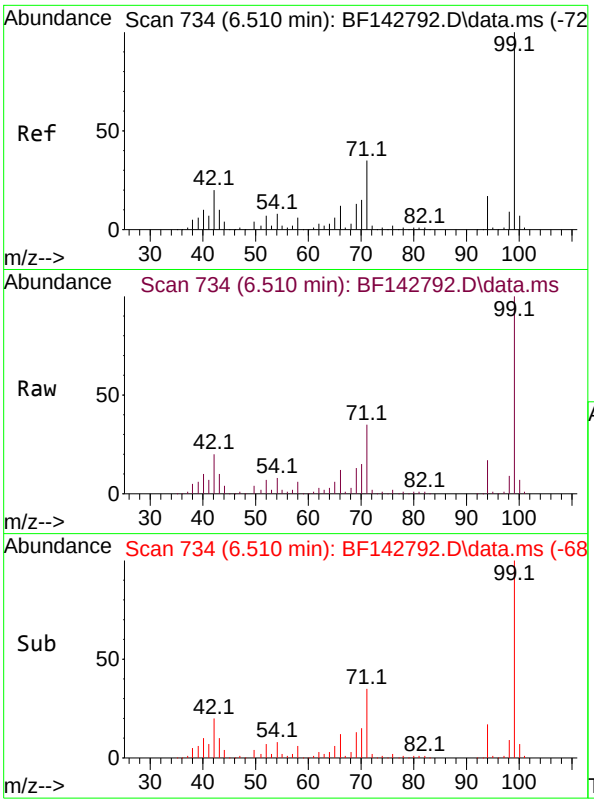


#6
Aniline
Concen: 39.397 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 93 Resp: 304377

Ion	Ratio	Lower	Upper
93	100		
66	39.7	31.8	47.6
65	20.2	16.2	24.2



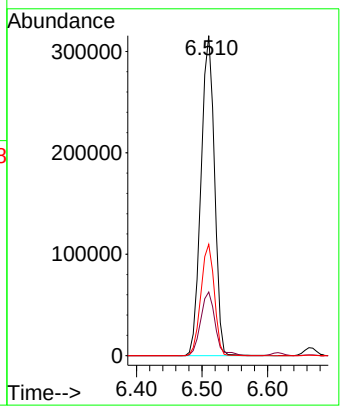


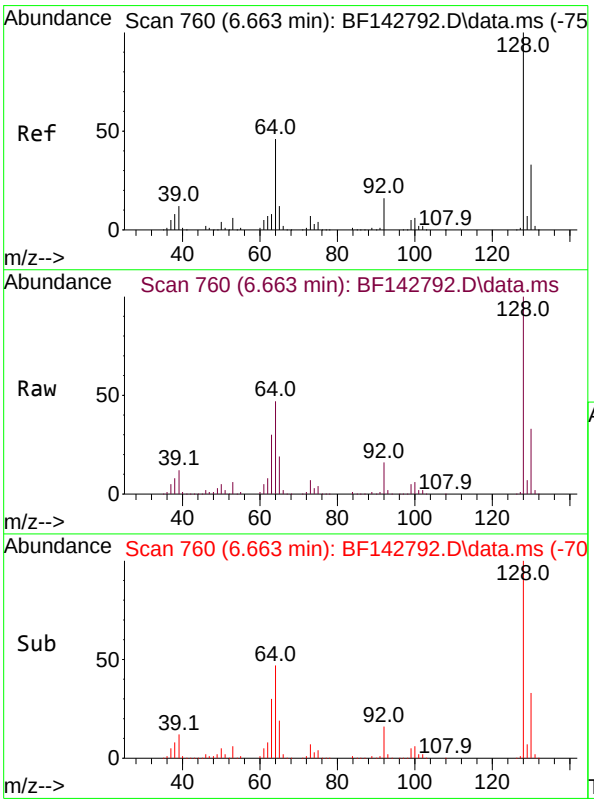
#7
Phenol-d6
Concen: 77.879 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 448961

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	34.8	27.8	41.8

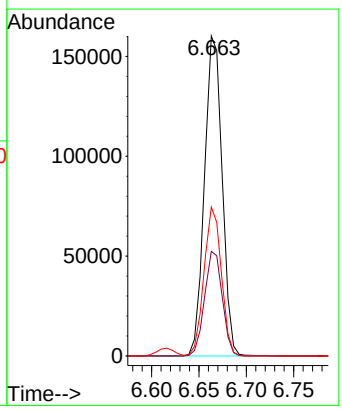


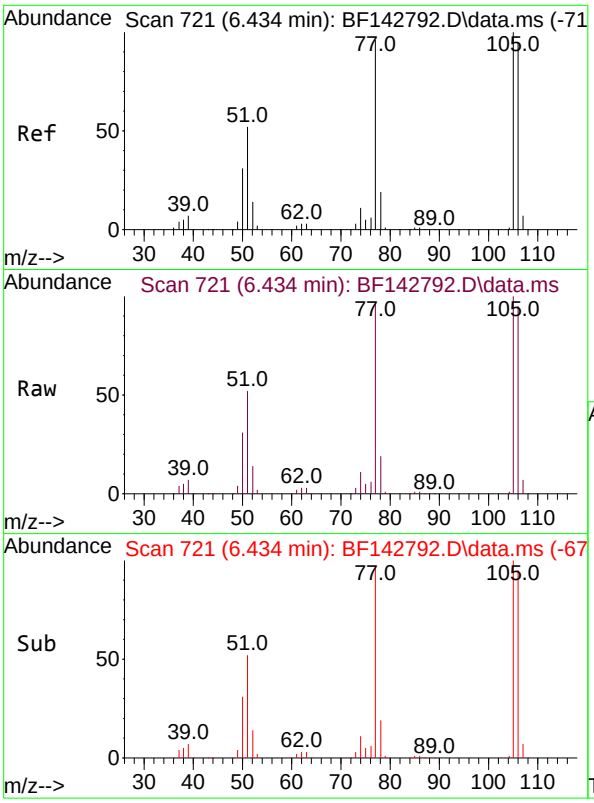


#8
2-Chlorophenol
Concen: 38.992 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:128 Resp: 208444

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	46.5	26.5	66.5



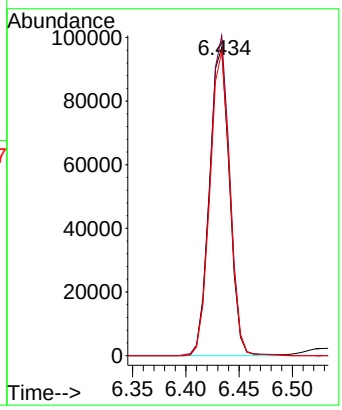


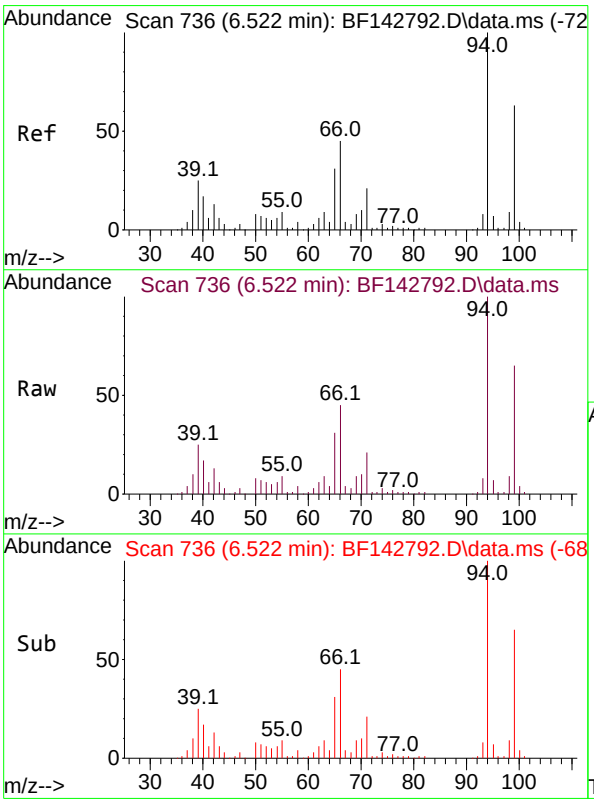
#9
Benzaldehyde
Concen: 36.063 ng
RT: 6.434 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 126748

Ion	Ratio	Lower	Upper
77	100		
105	103.8	83.8	123.8
106	98.7	78.7	118.7

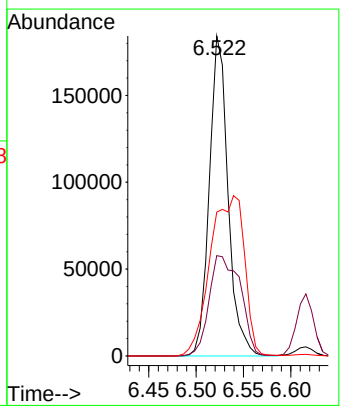


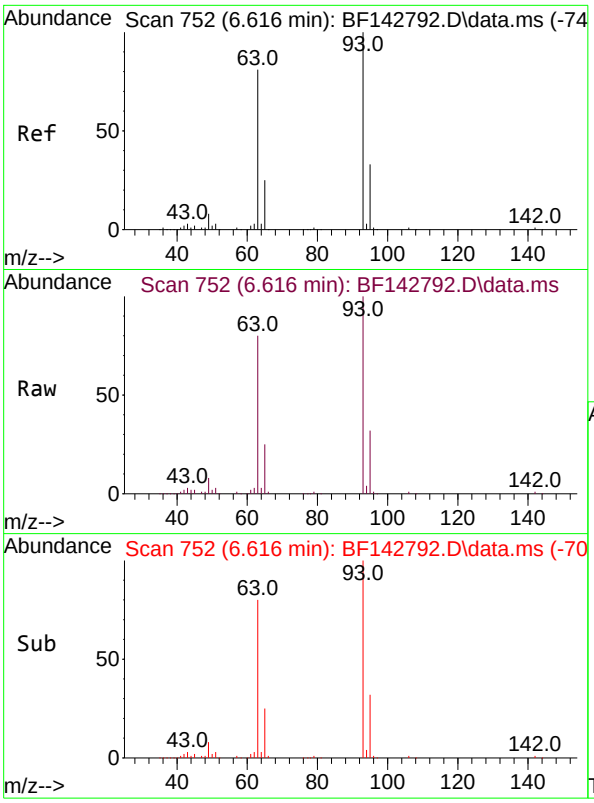


#10
Phenol
Concen: 39.504 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 94 Resp: 253916

Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.3	51.3
66	44.9	24.9	64.9



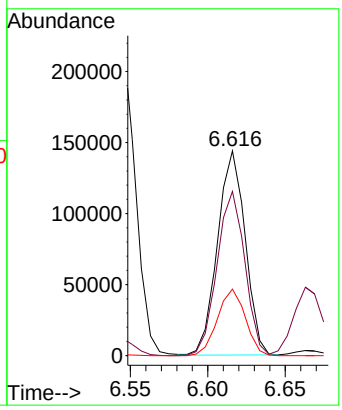


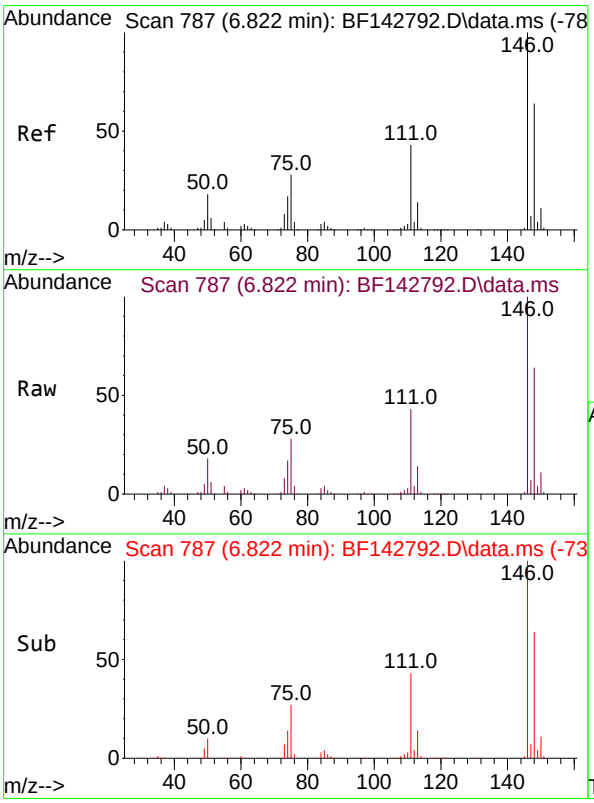
#11
bis(2-Chloroethyl)ether
Concen: 37.634 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 179469

Ion	Ratio	Lower	Upper
93	100		
63	80.3	60.3	100.3
95	32.5	12.5	52.5

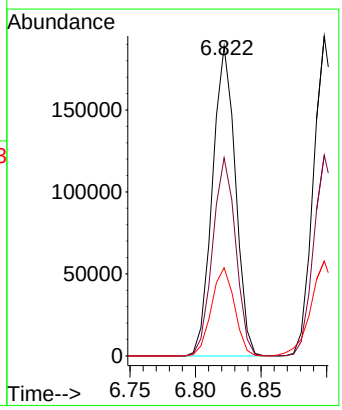


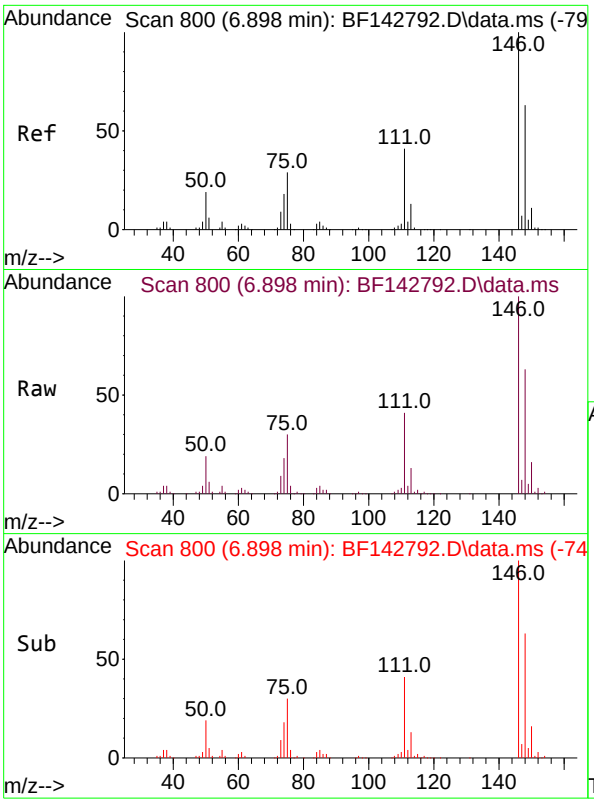


#12
1,3-Dichlorobenzene
Concen: 37.892 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:146 Resp: 230658

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
75	28.4	22.7	34.1



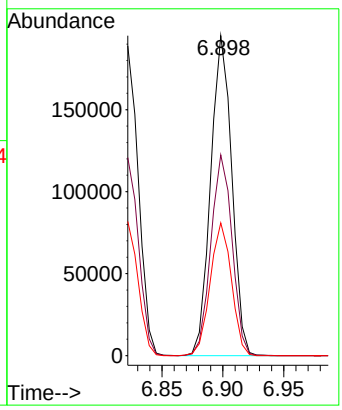


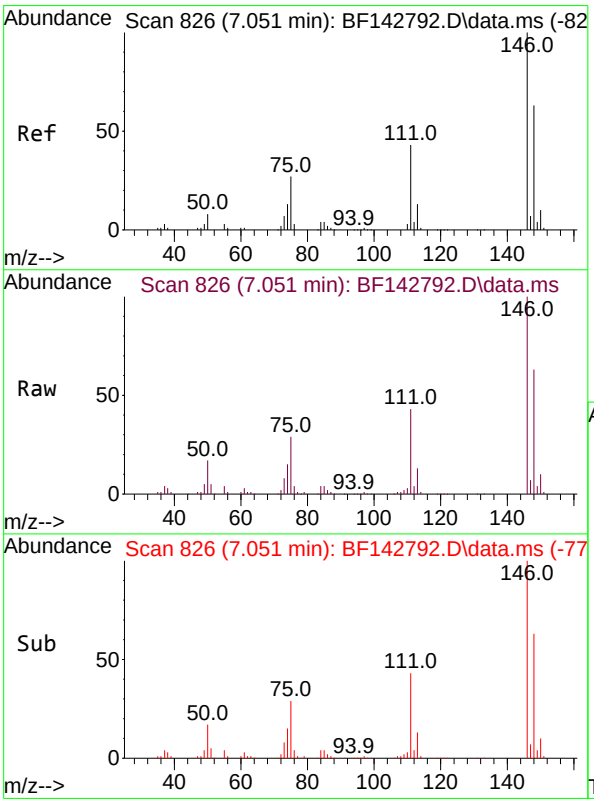
#13
1,4-Dichlorobenzene
Concen: 38.243 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 235951

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.2
111	41.5	33.2	49.8

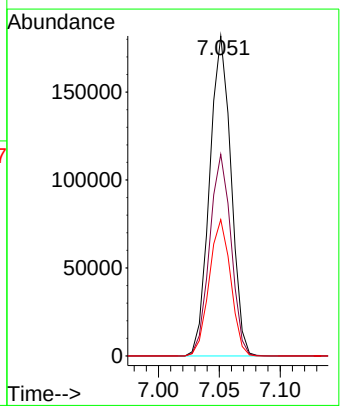


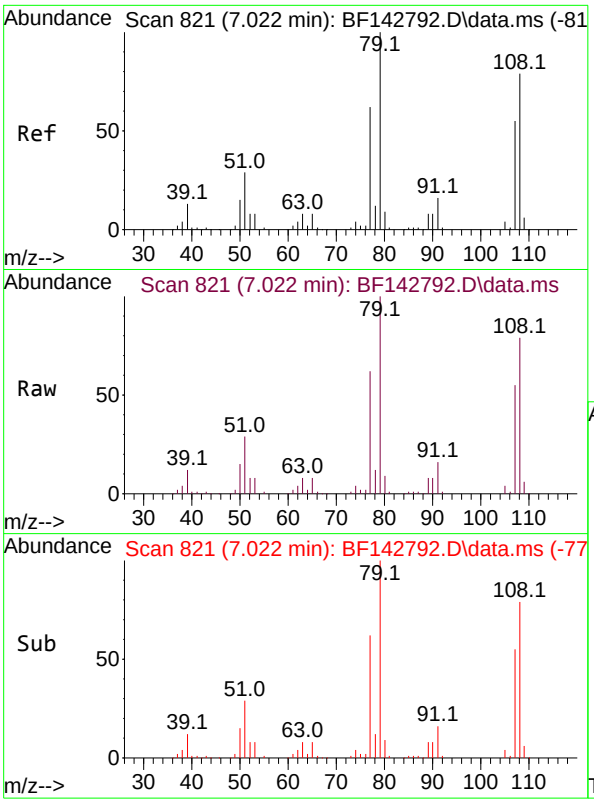


#14
1,2-Dichlorobenzene
Concen: 37.805 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:146 Resp: 222976

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	42.6	34.1	51.1



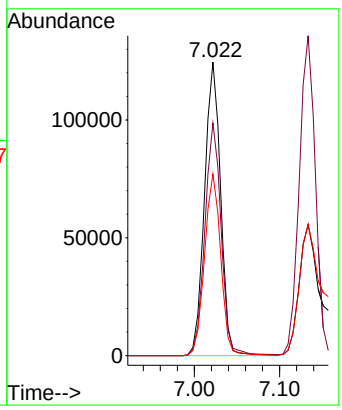


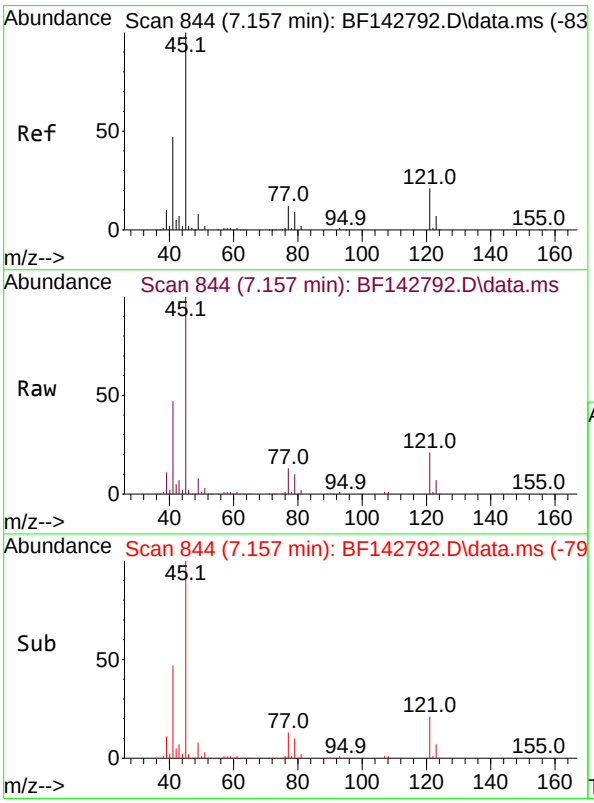
#15
Benzyl Alcohol
Concen: 37.888 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 163491

Ion	Ratio	Lower	Upper
79	100		
108	79.2	63.4	95.0
77	61.9	49.5	74.3

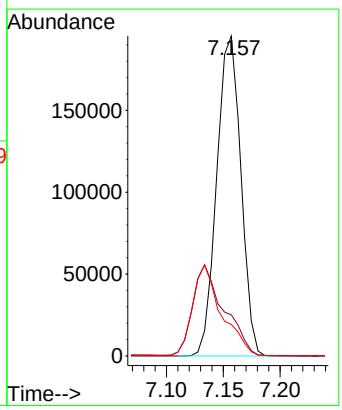


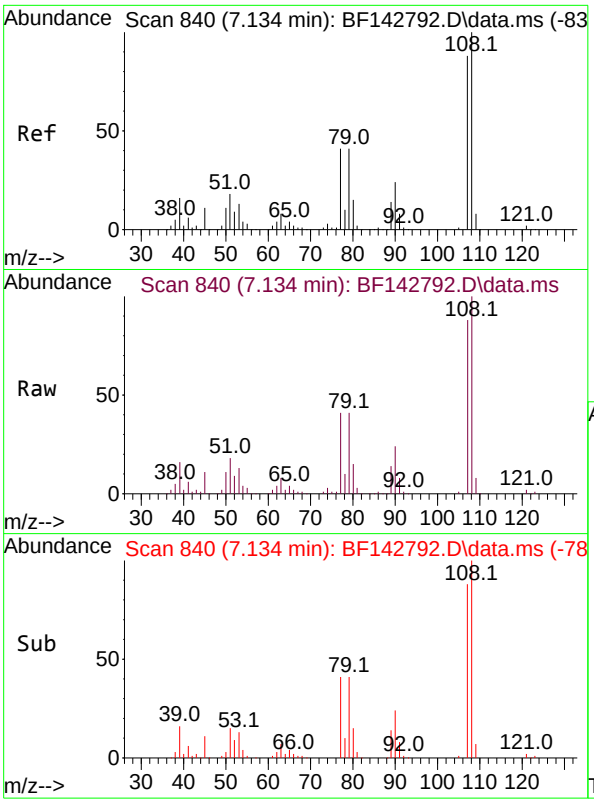


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.400 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 45 Resp: 288515

Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	32.8
79	9.8	0.0	29.8



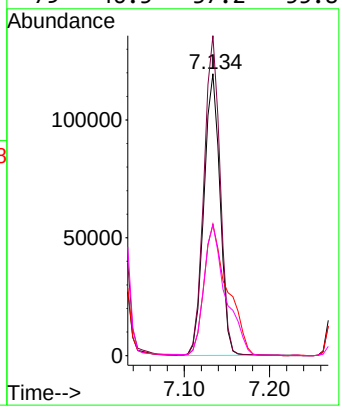


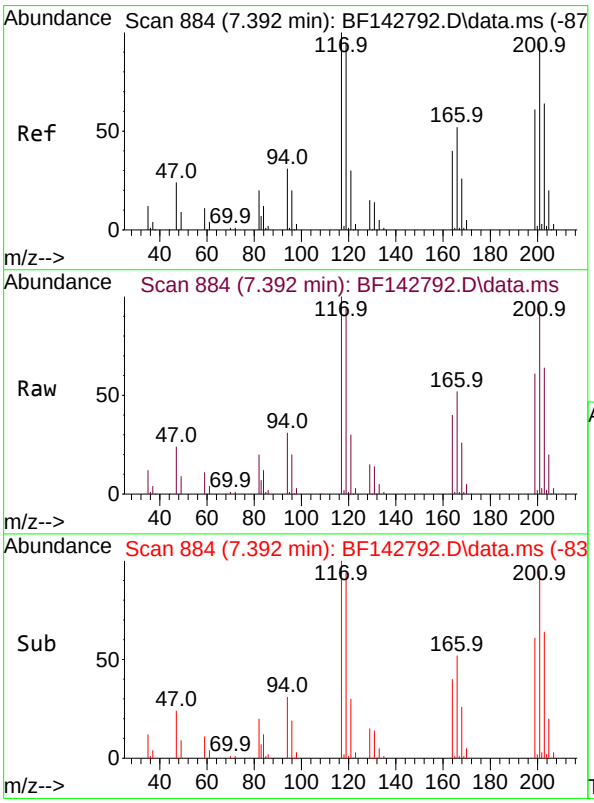
#17
2-Methylphenol
Concen: 38.454 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 157159

Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	46.6	37.3	55.9
79	46.5	37.2	55.8

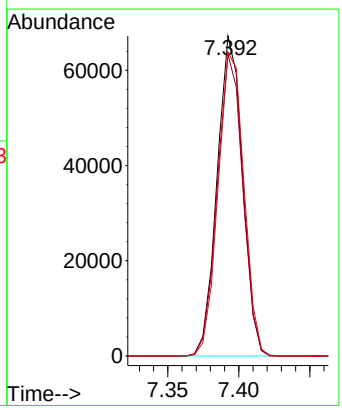


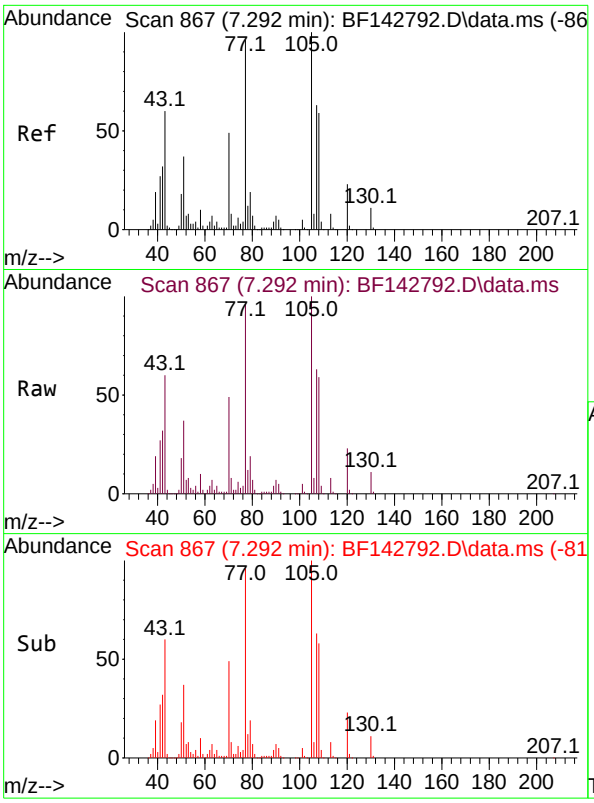


#18
Hexachloroethane
Concen: 37.870 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:117 Resp: 83524

Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.4	113.0
201	94.9	75.9	113.9



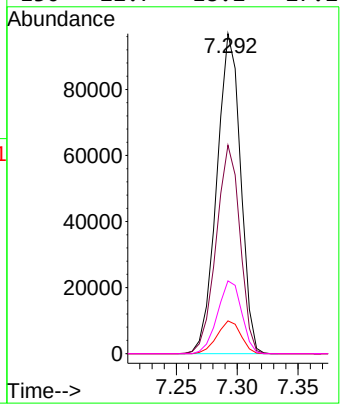


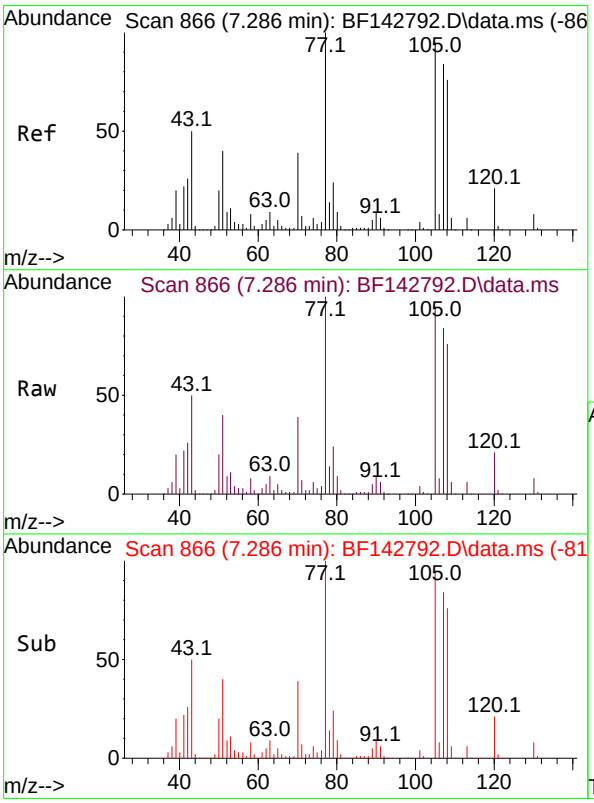
#19
n-Nitroso-di-n-propylamine
Concen: 36.251 ng
RT: 7.292 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 131792

Ion	Ratio	Lower	Upper
70	100		
42	65.1	52.1	78.1
101	10.2	8.2	12.2
130	22.7	18.2	27.2

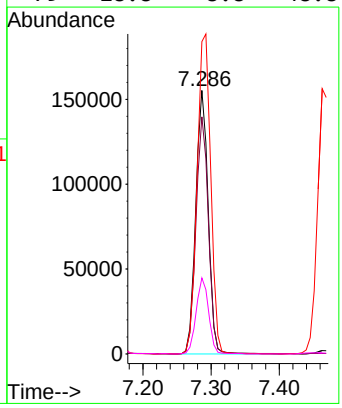


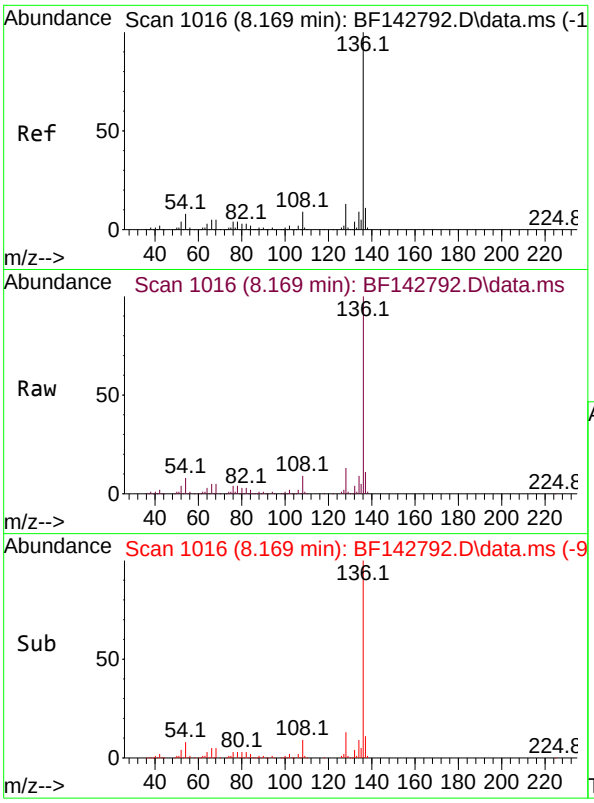


#20
3+4-Methylphenols
Concen: 38.274 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:107 Resp: 196876

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	118.5	98.5	138.5
79	28.8	8.8	48.8



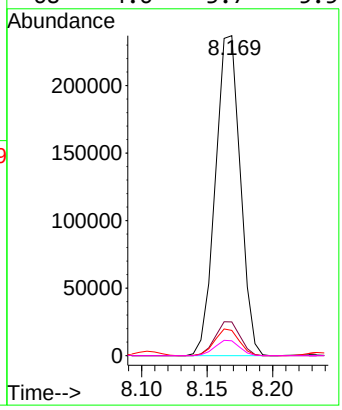


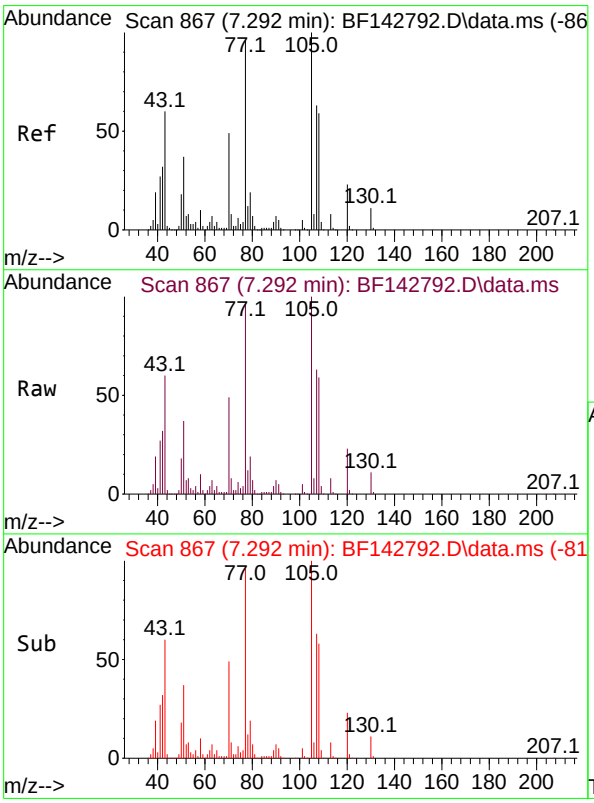
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 313297

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.9	6.3	9.5
68	4.6	3.7	5.5

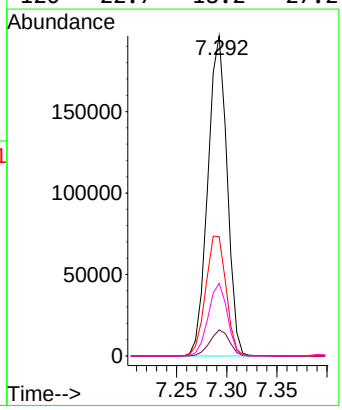


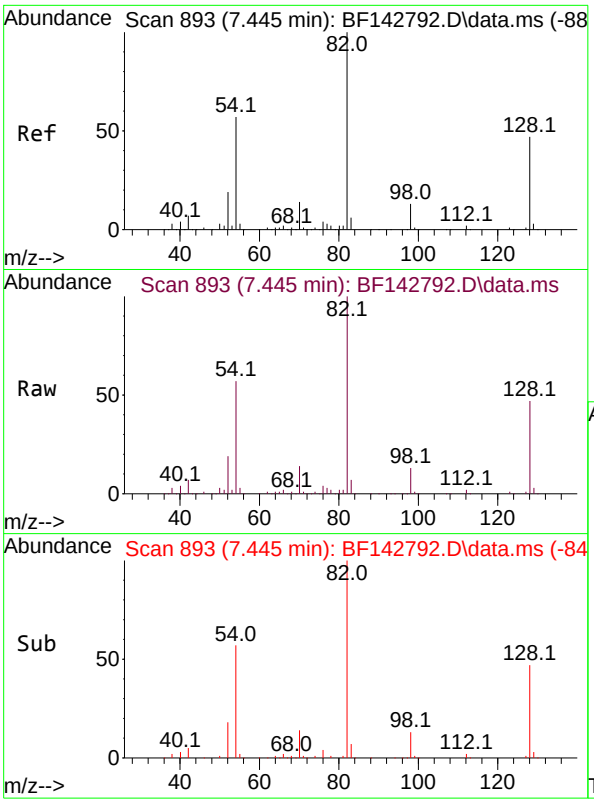


#22
Acetophenone
Concen: 37.828 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:105 Resp: 262224

Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.5	9.7
51	37.3	29.8	44.8
120	22.7	18.2	27.2



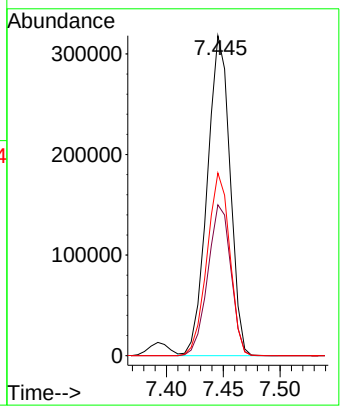


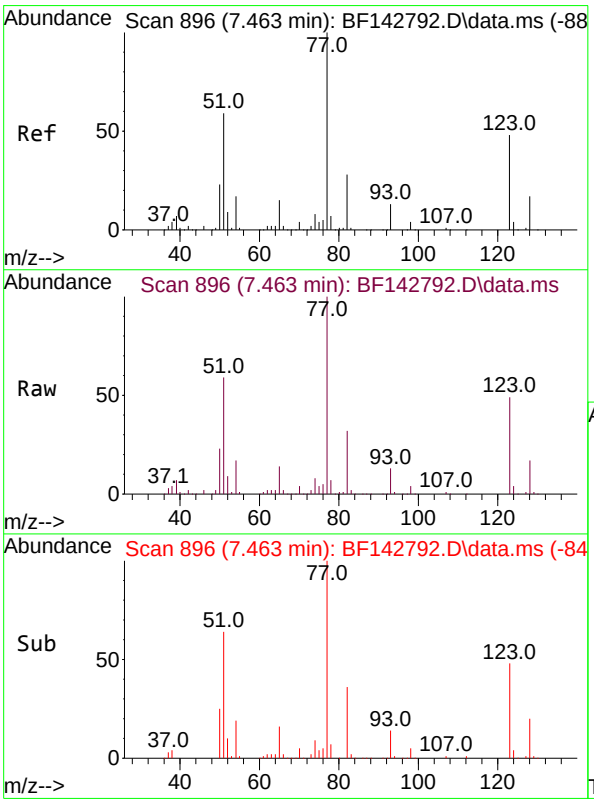
#23
Nitrobenzene-d5
Concen: 77.580 ng
RT: 7.445 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 443431

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.7	56.5
54	57.1	45.7	68.5

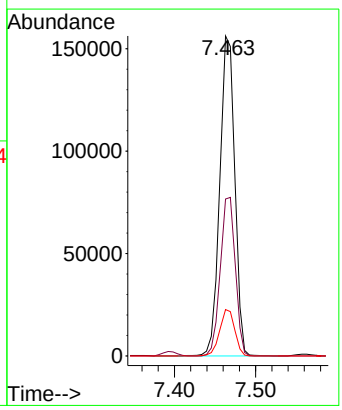


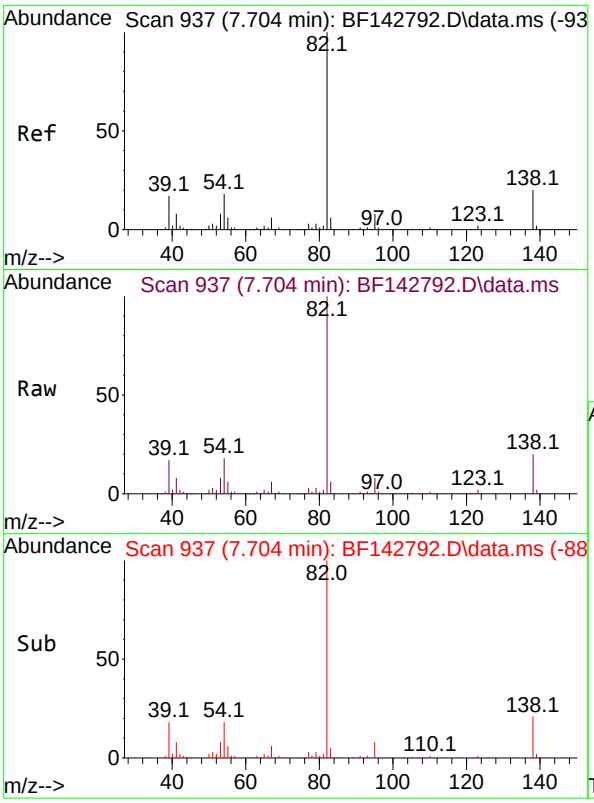


#24
Nitrobenzene
Concen: 39.383 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 77 Resp: 200051

Ion	Ratio	Lower	Upper
77	100		
123	49.0	39.2	58.8
65	14.5	11.6	17.4



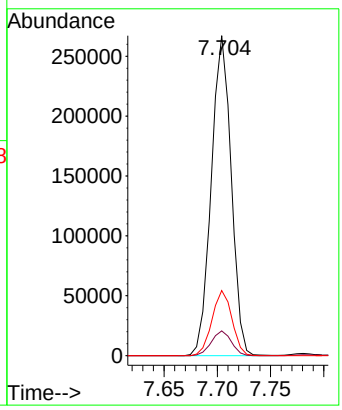


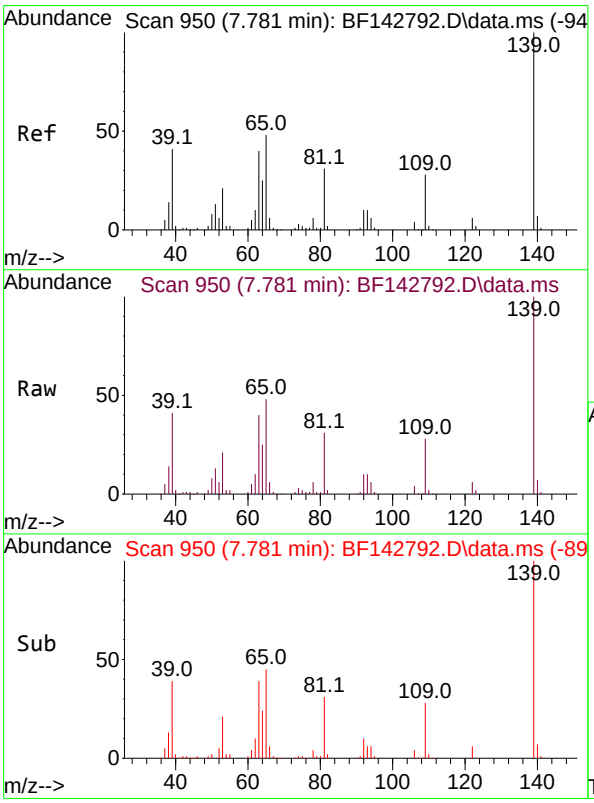
#25
Isophorone
Concen: 36.294 ng
RT: 7.704 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 347894

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	20.3	16.2	24.4

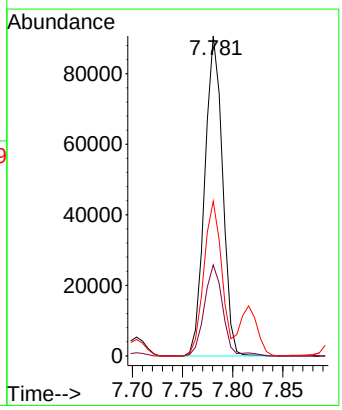


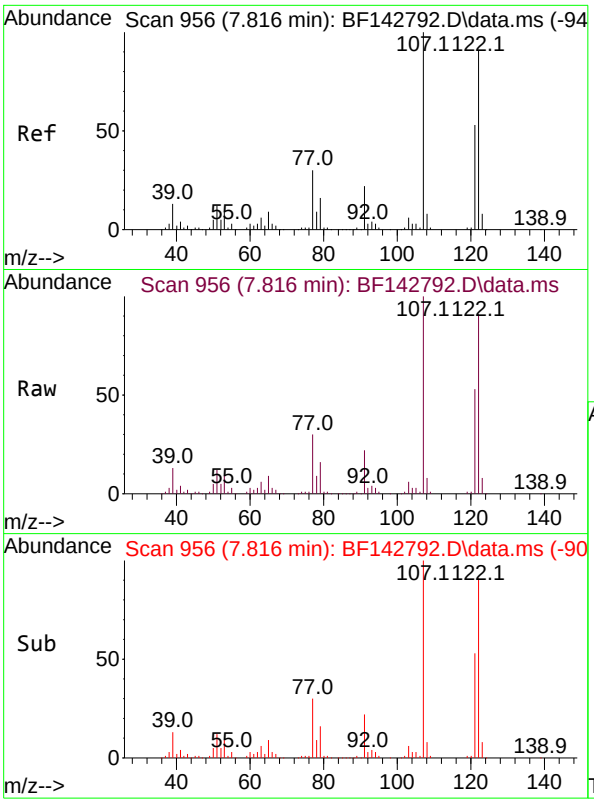


#26
2-Nitrophenol
Concen: 39.497 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:139 Resp: 111792

Ion	Ratio	Lower	Upper
139	100		
109	28.4	22.7	34.1
65	48.3	38.6	58.0



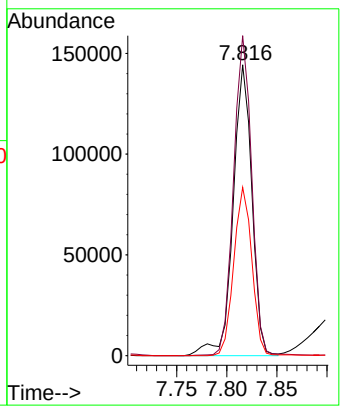


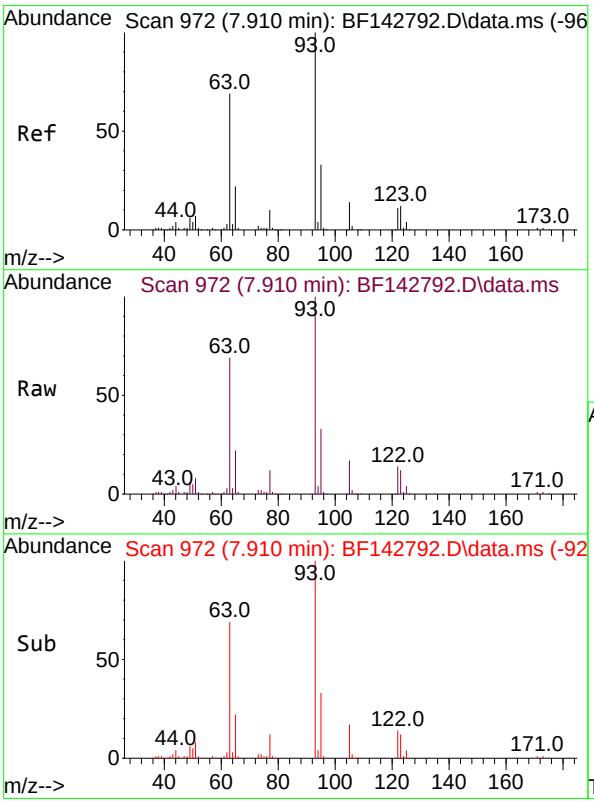
#27
2,4-Dimethylphenol
Concen: 38.974 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 187808

Ion	Ratio	Lower	Upper
122	100		
107	110.0	88.0	132.0
121	57.9	46.3	69.5

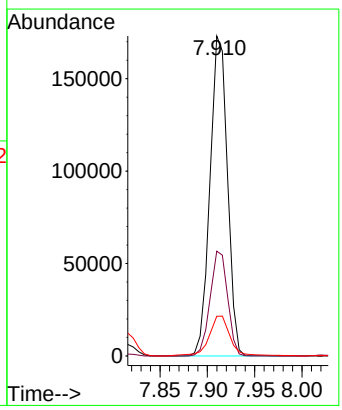


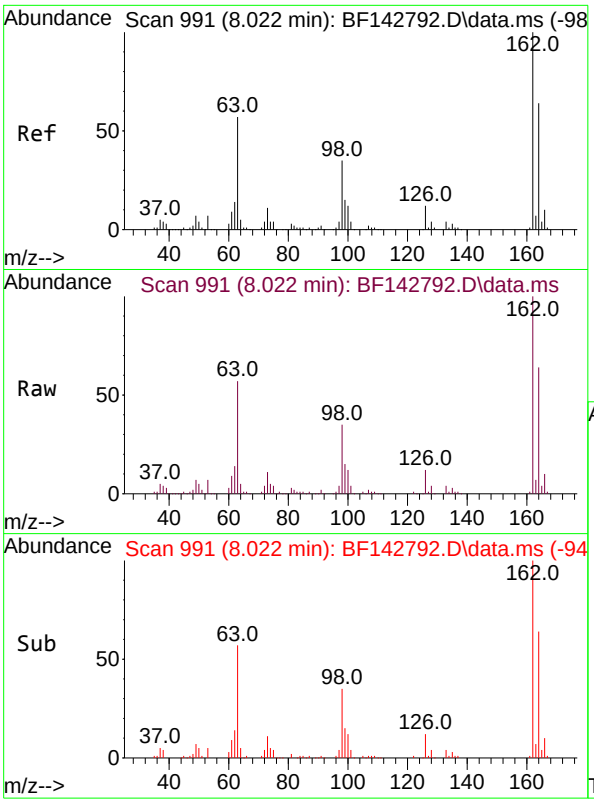


#28
bis(2-Chloroethoxy)methane
Concen: 37.249 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 93 Resp: 222264

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	12.4	9.9	14.9



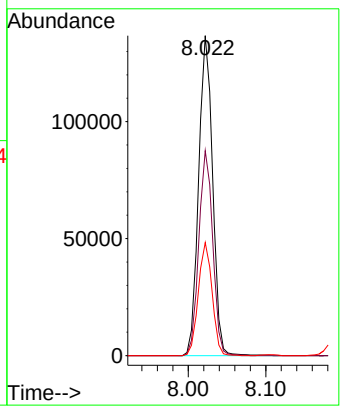


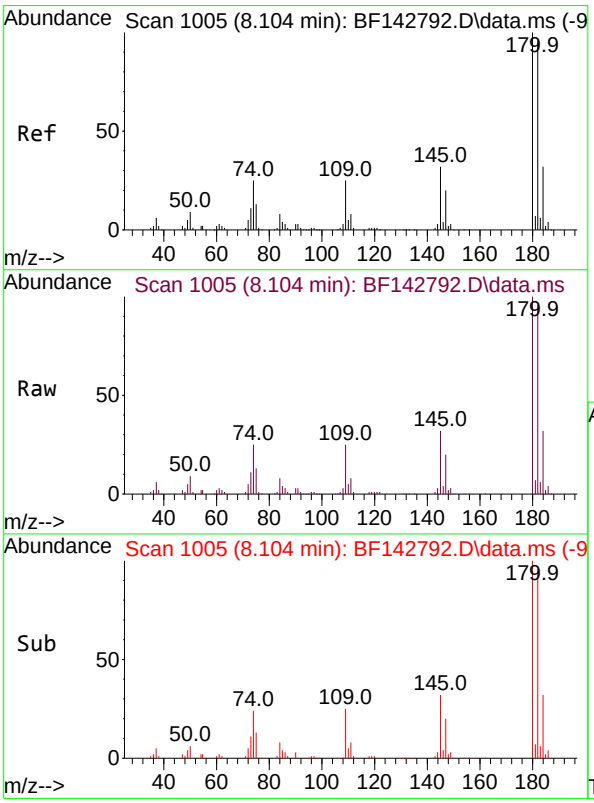
#29
2,4-Dichlorophenol
Concen: 38.576 ng
RT: 8.022 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 171329

Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.0	84.0
98	35.4	15.4	55.4

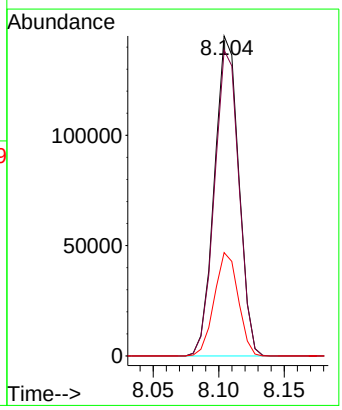


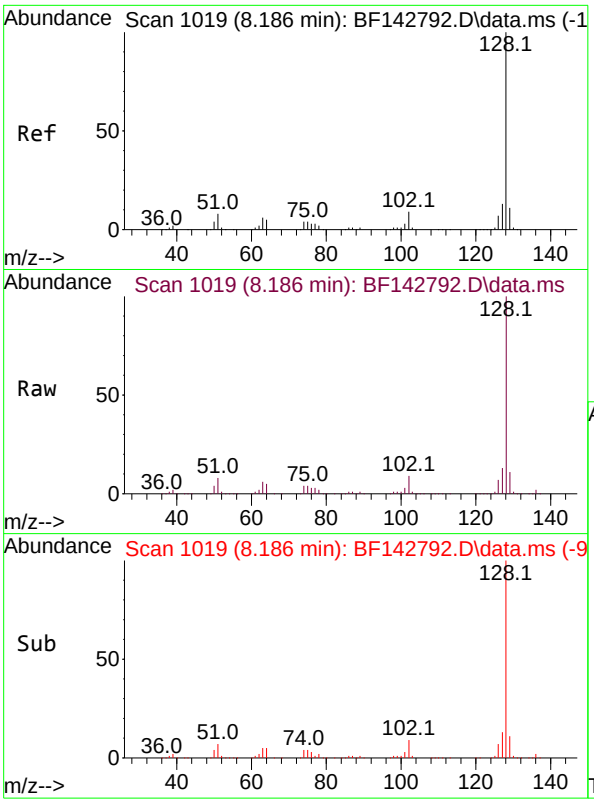


#30
1,2,4-Trichlorobenzene
Concen: 38.155 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:180 Resp: 187194

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	32.3	25.8	38.8



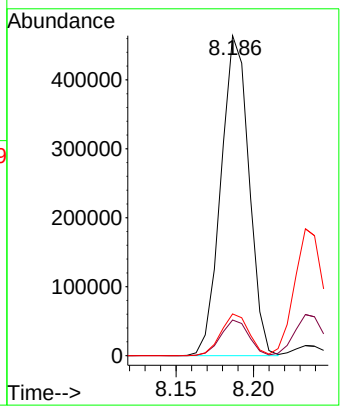


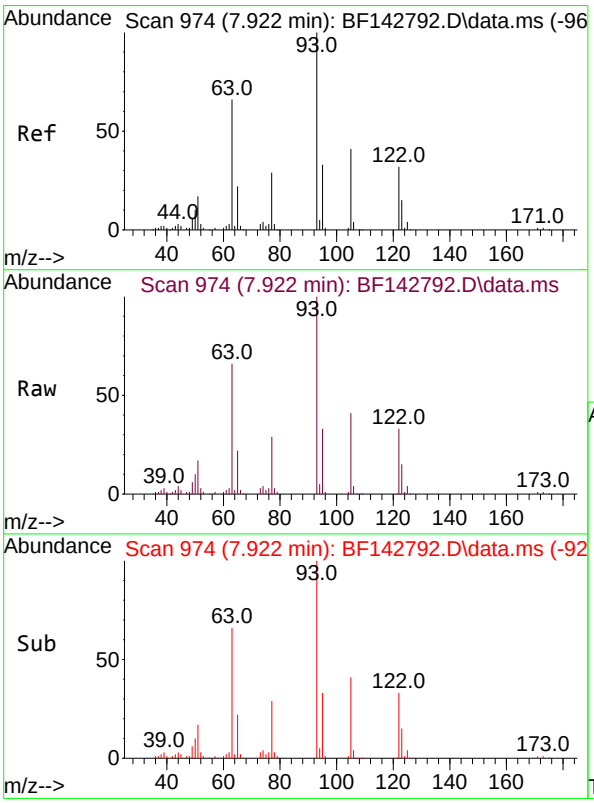
#31
Naphthalene
Concen: 37.966 ng
RT: 8.186 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 584986

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.0	10.4	15.6

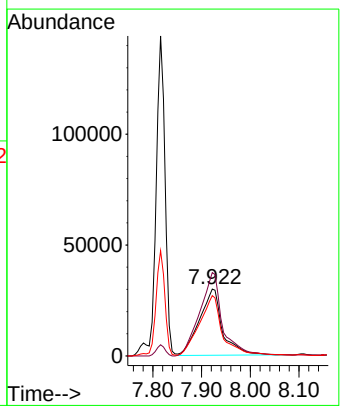


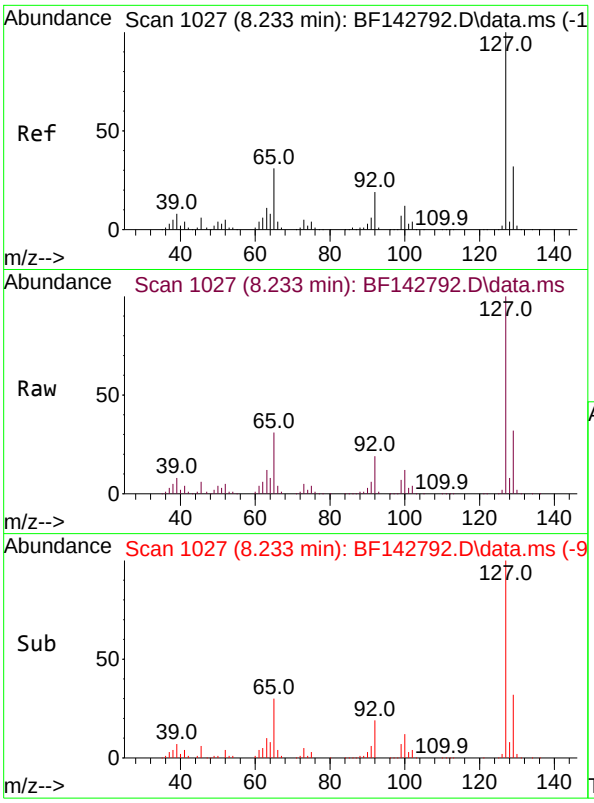


#32
Benzoic acid
Concen: 36.734 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:122 Resp: 98210

Ion	Ratio	Lower	Upper
122	100		
105	124.7	104.7	144.7
77	90.2	70.2	110.2



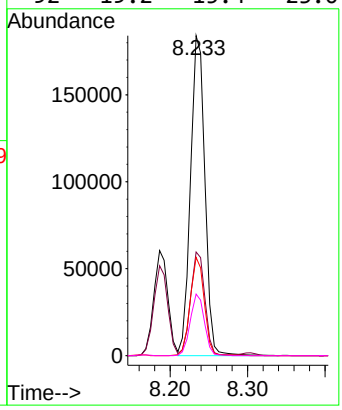


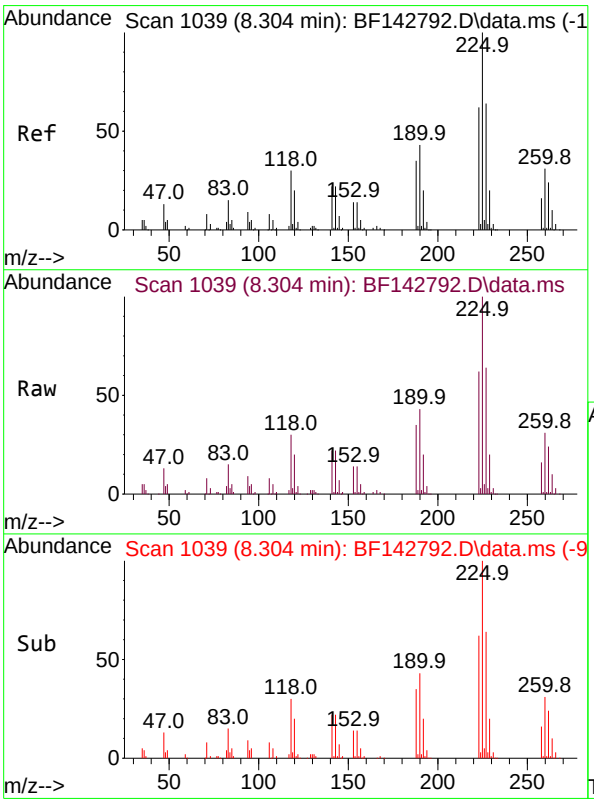
#33
4-Chloroaniline
Concen: 38.432 ng
RT: 8.233 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 237317

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	30.7	24.6	36.8
92	19.2	15.4	23.0

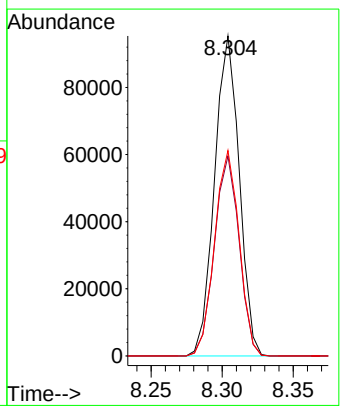


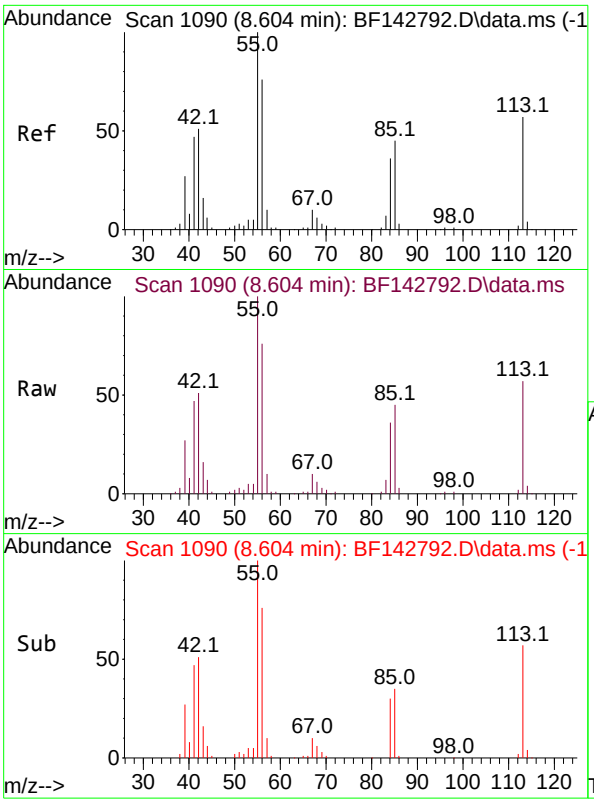


#34
Hexachlorobutadiene
Concen: 37.099 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:225 Resp: 115333

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	64.2	51.4	77.0



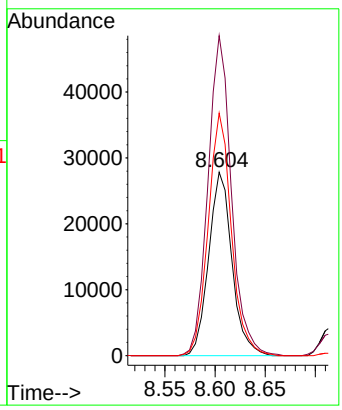


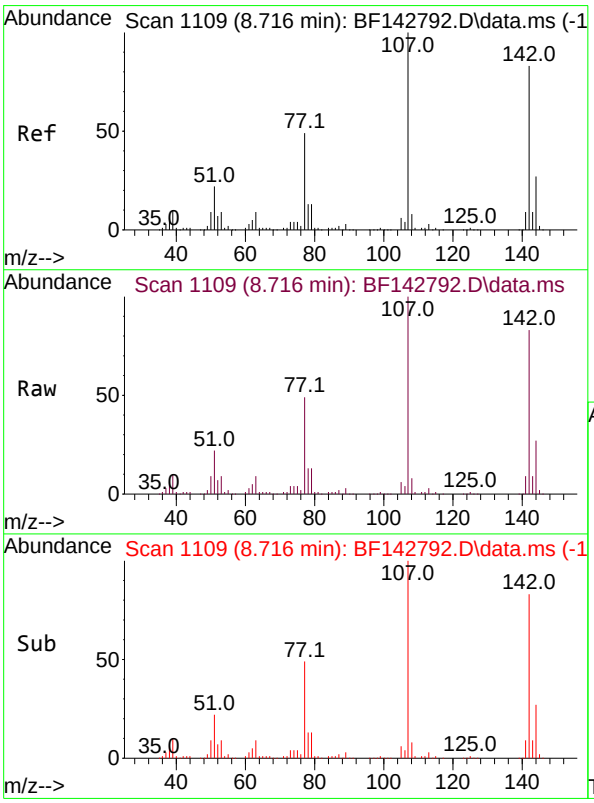
#35
Caprolactam
Concen: 37.583 ng
RT: 8.604 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 44914

Ion	Ratio	Lower	Upper
113	100		
55	174.4	154.4	194.4
56	132.1	112.1	152.1

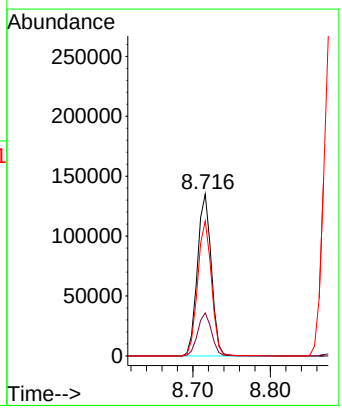


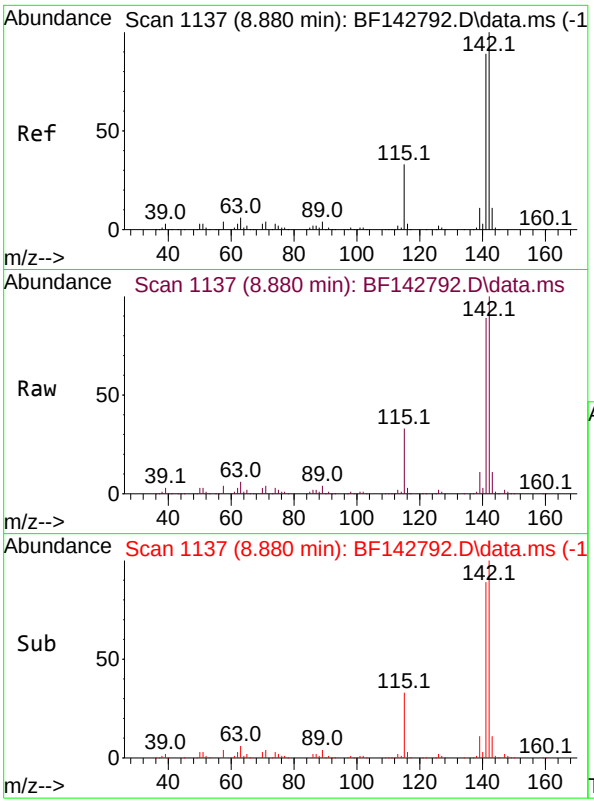


#36
4-Chloro-3-methylphenol
Concen: 36.695 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:107 Resp: 168353

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.3	31.9
142	83.3	66.6	100.0



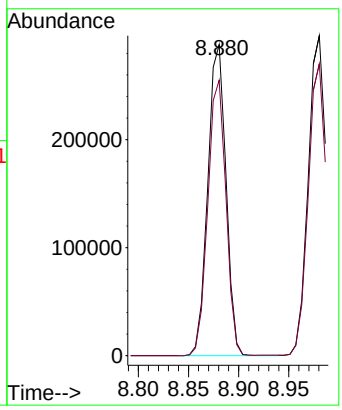


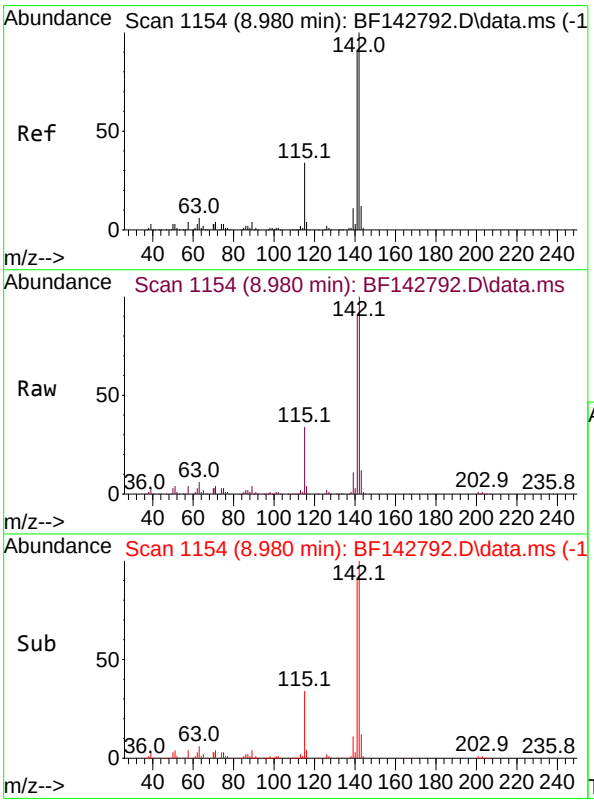
#37
2-Methylnaphthalene
Concen: 37.313 ng
RT: 8.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 362692

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3

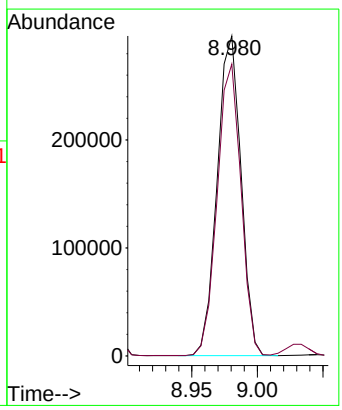


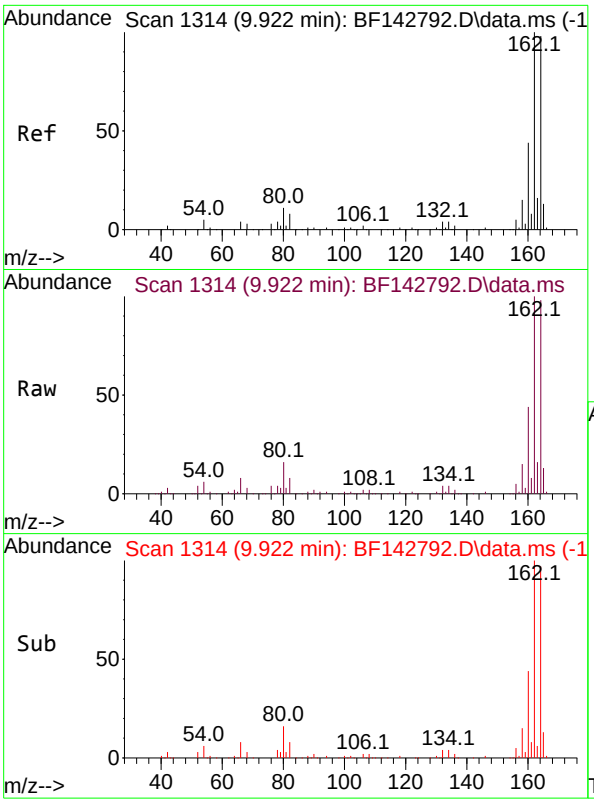


#38
1-Methylnaphthalene
Concen: 37.143 ng
RT: 8.980 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:142 Resp: 374836

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.4



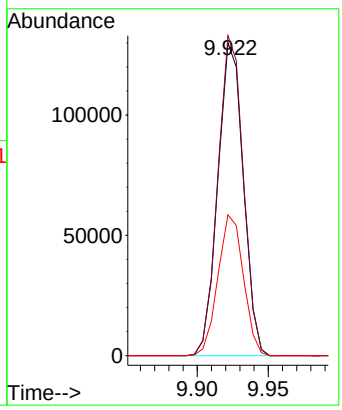


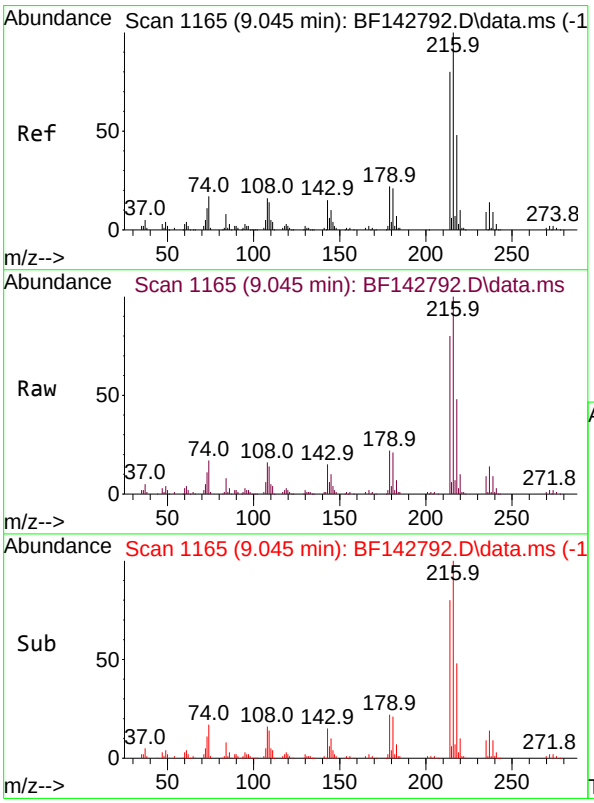
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 161991

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.8
160	45.0	36.0	54.0

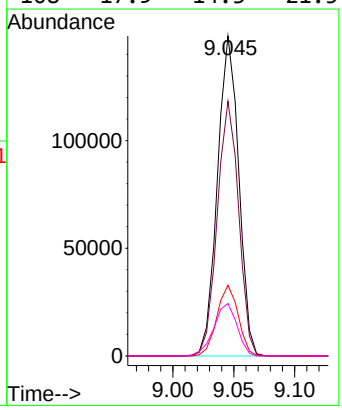


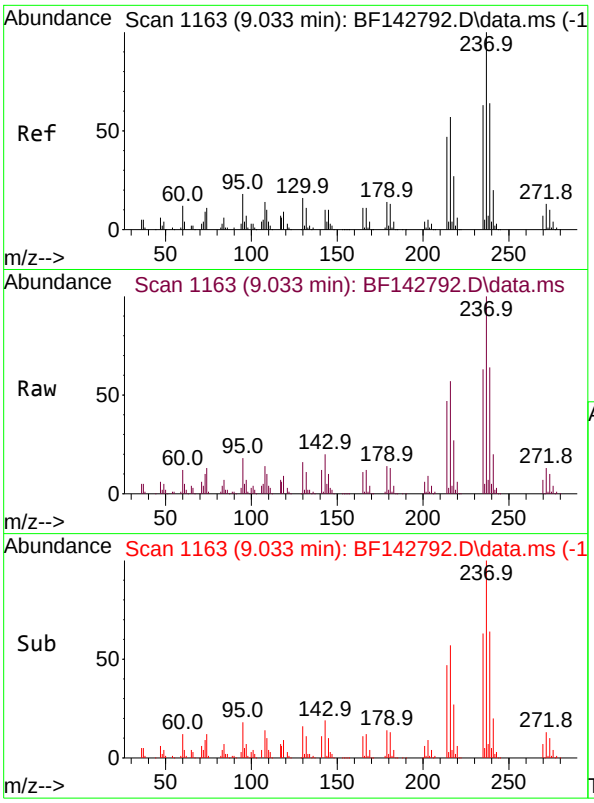


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.596 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:216 Resp: 180481

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	22.0	17.6	26.4
108	17.9	14.3	21.5



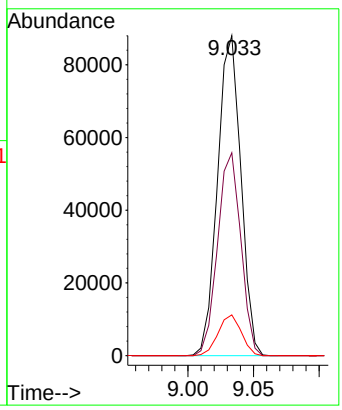


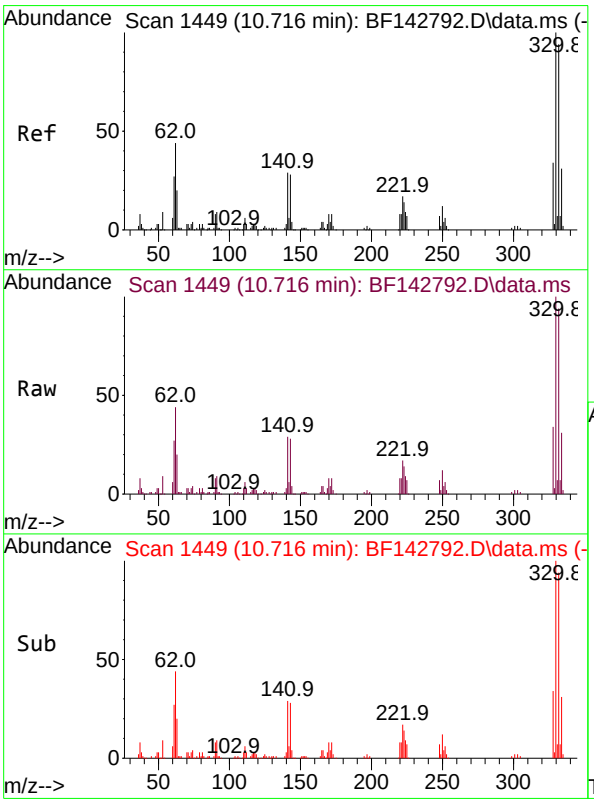
#41
Hexachlorocyclopentadiene
Concen: 36.863 ng
RT: 9.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 108999

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.4	83.4
272	12.7	0.0	32.7

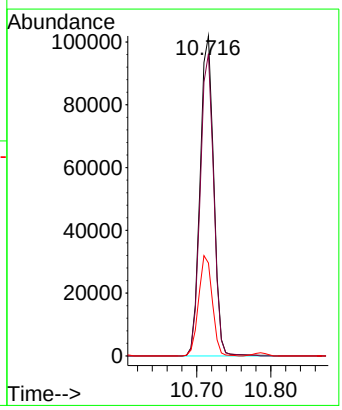


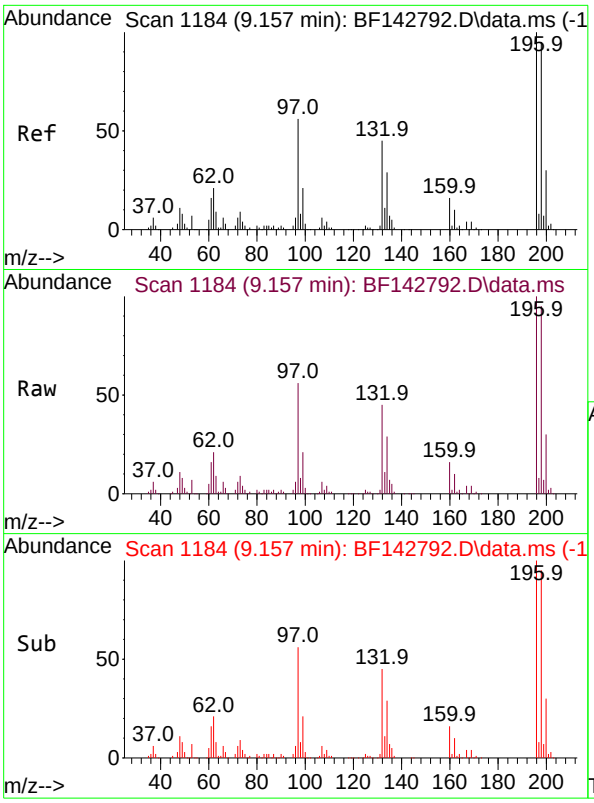


#42
2,4,6-Tribromophenol
Concen: 73.654 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:330 Resp: 129669

Ion	Ratio	Lower	Upper
330	100		
332	93.8	75.0	112.6
141	31.6	25.3	37.9



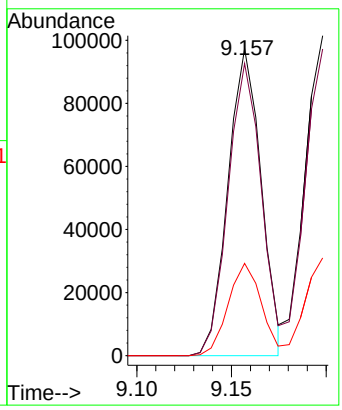


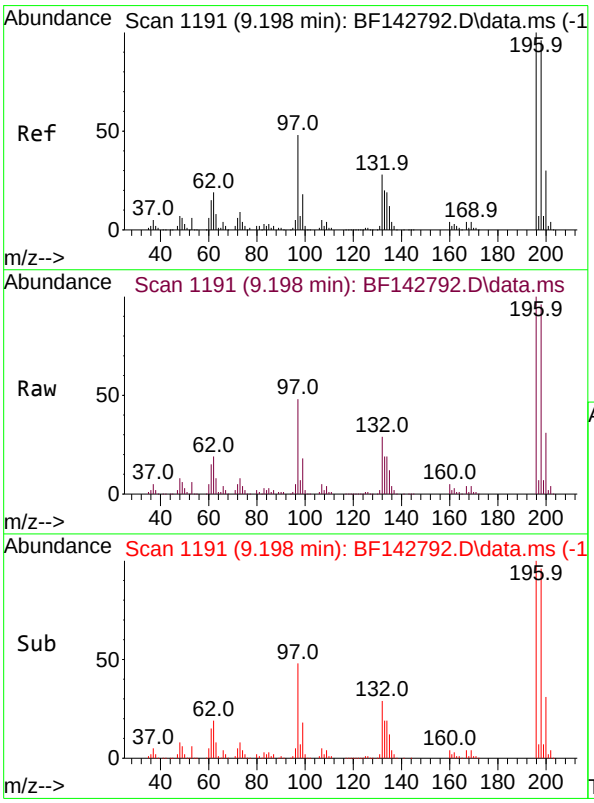
#43
2,4,6-Trichlorophenol
Concen: 39.129 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 118412

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.1	24.1	36.1

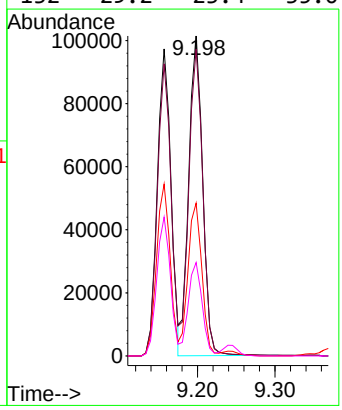


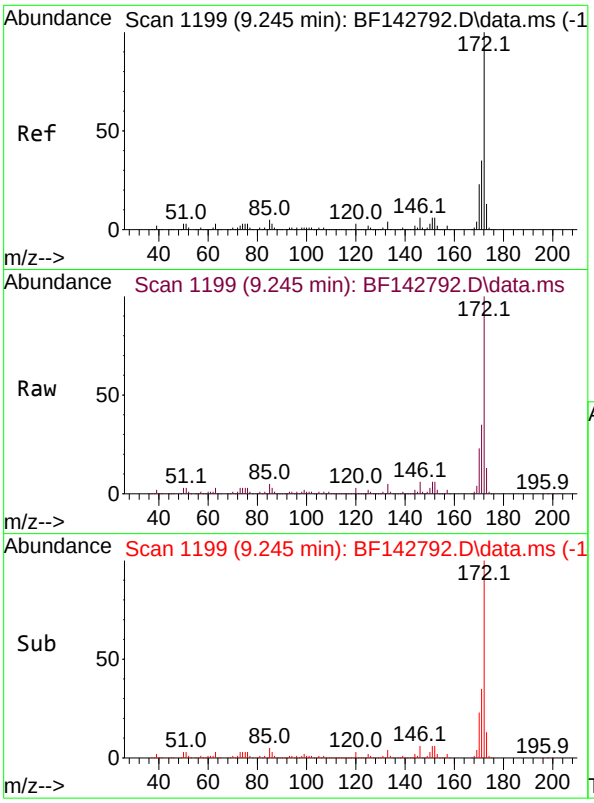


#44
2,4,5-Trichlorophenol
Concen: 38.774 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:196 Resp: 126712

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
97	47.7	38.2	57.2
132	29.2	23.4	35.0



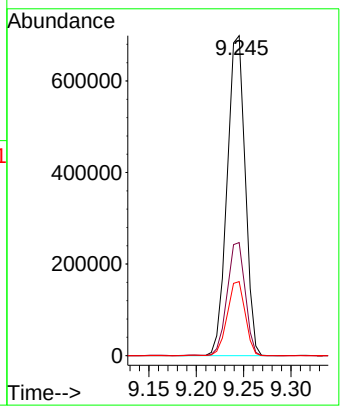


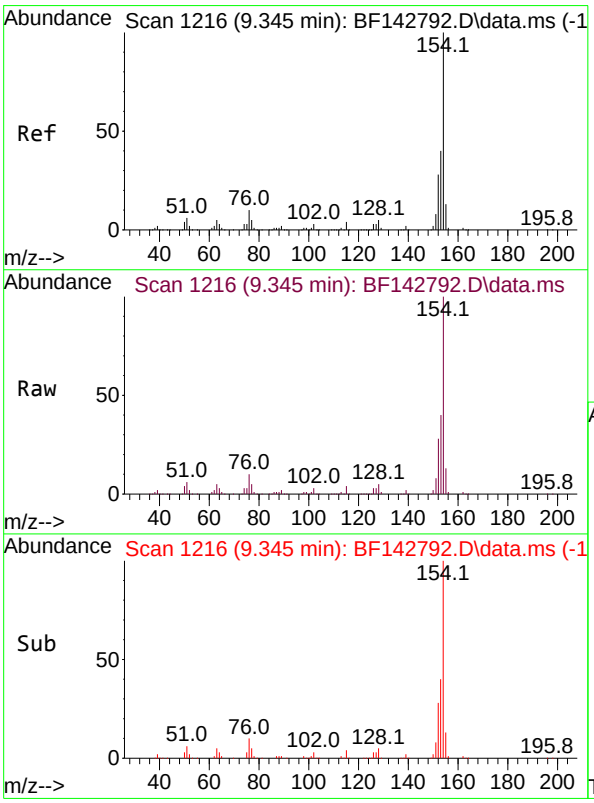
#45
2-Fluorobiphenyl
Concen: 76.120 ng
RT: 9.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 926905

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.1	18.5	27.7

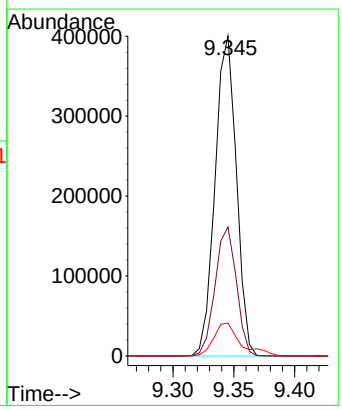


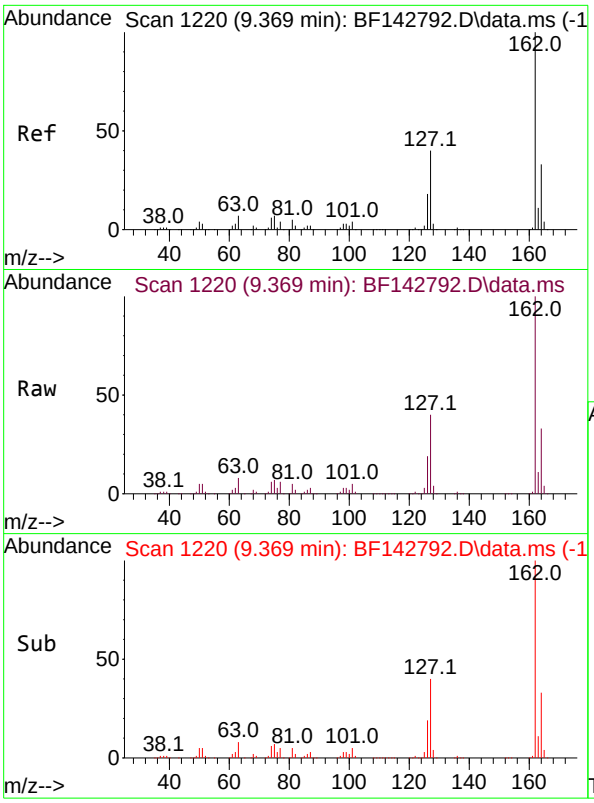


#46
1,1'-Biphenyl
Concen: 38.765 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:154 Resp: 487587

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	10.3	0.0	30.3



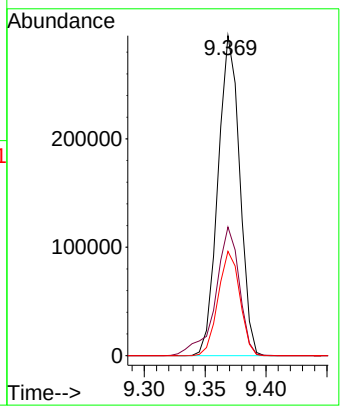


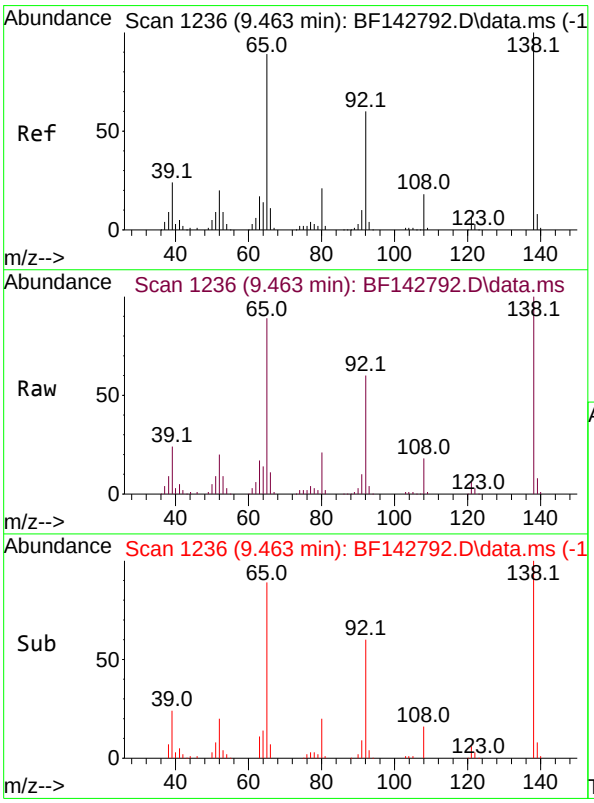
#47
2-Chloronaphthalene
Concen: 39.408 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 365760

Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.2	48.2
164	32.6	26.1	39.1

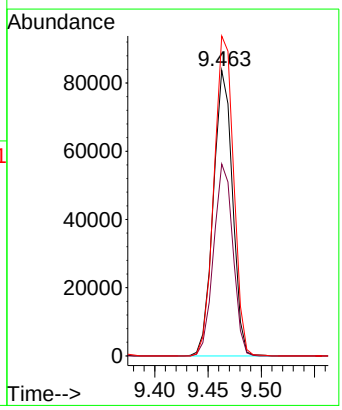


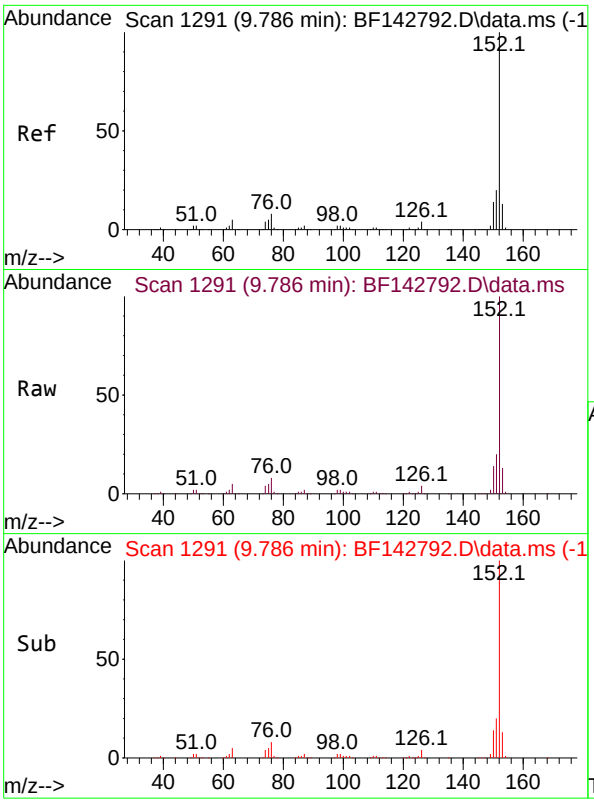


#48
2-Nitroaniline
Concen: 39.858 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 65 Resp: 105098

Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.8	80.6
138	112.0	89.6	134.4



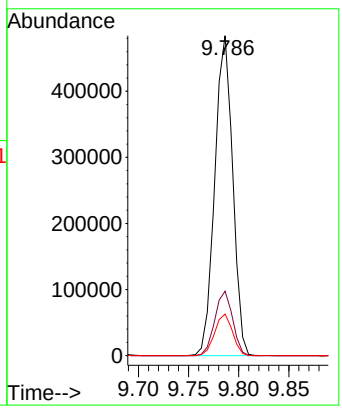


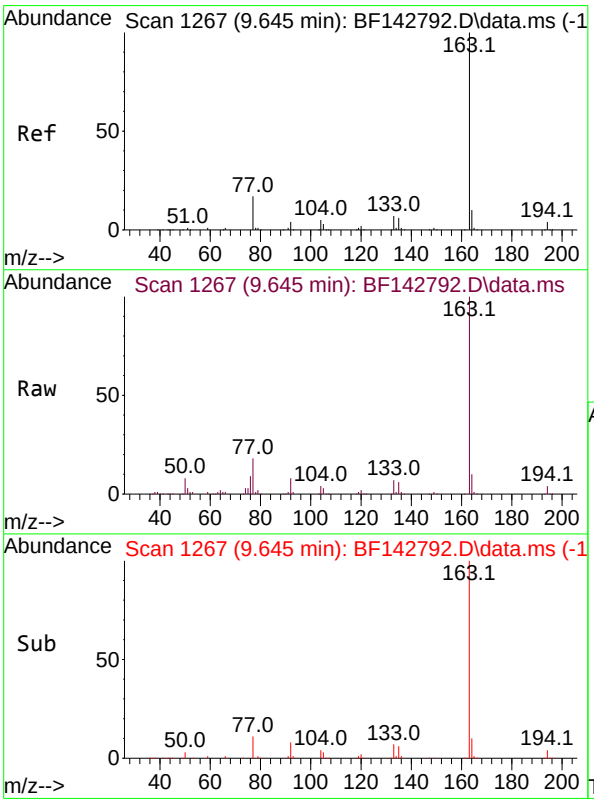
#49
Acenaphthylene
Concen: 38.649 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 603057

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.0	10.4	15.6

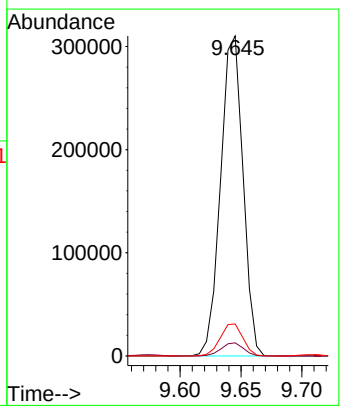


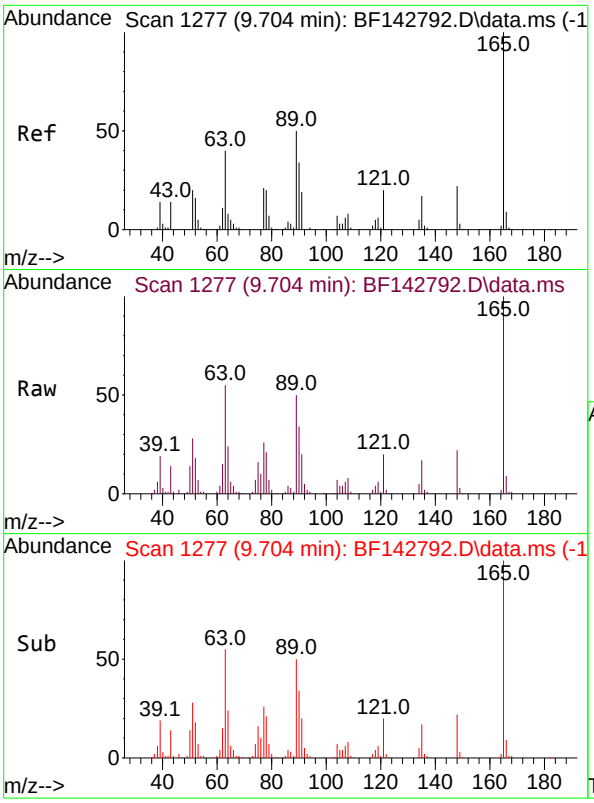


#50
Dimethylphthalate
Concen: 37.038 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:163 Resp: 397980

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.0	12.0



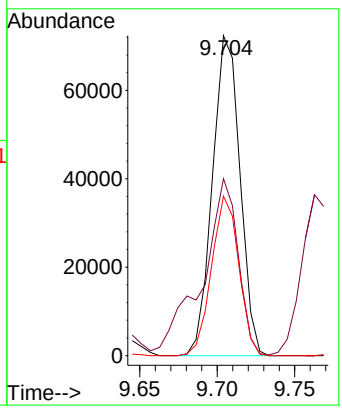


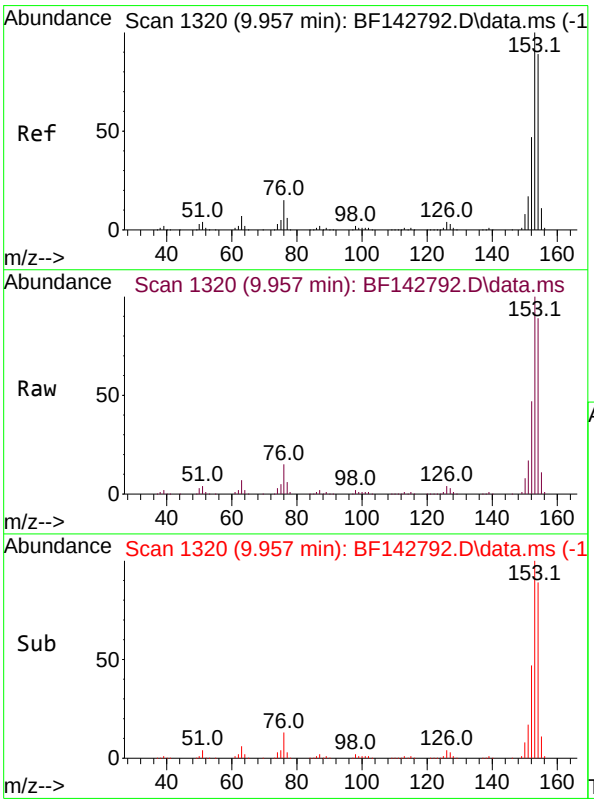
#51
2,6-Dinitrotoluene
Concen: 38.557 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 89811

Ion	Ratio	Lower	Upper
165	100		
63	55.3	44.2	66.4
89	49.8	39.8	59.8

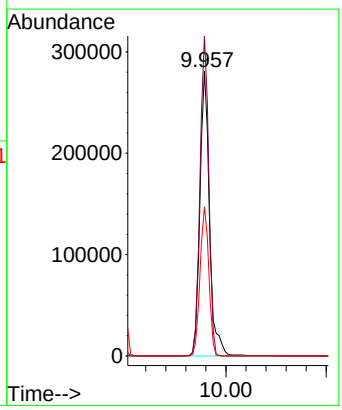


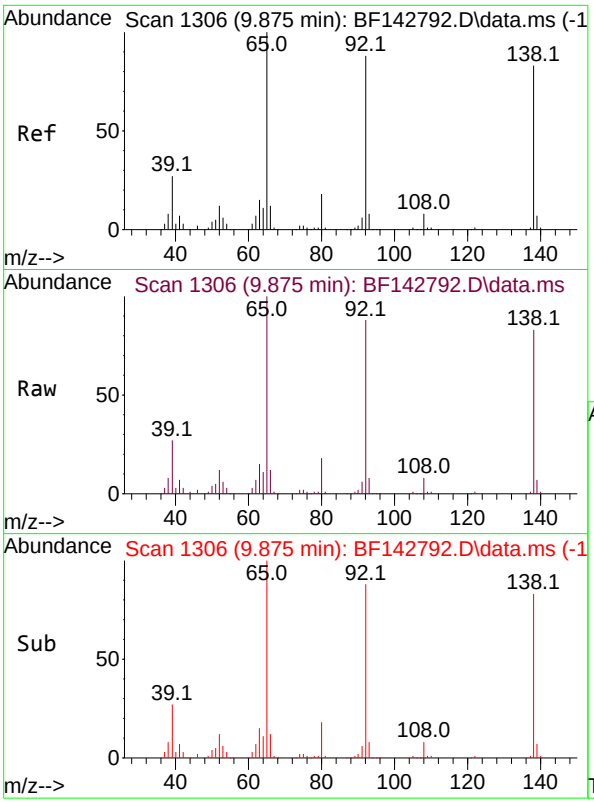


#52
Acenaphthene
Concen: 38.310 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:154 Resp: 369889

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	52.4	41.9	62.9



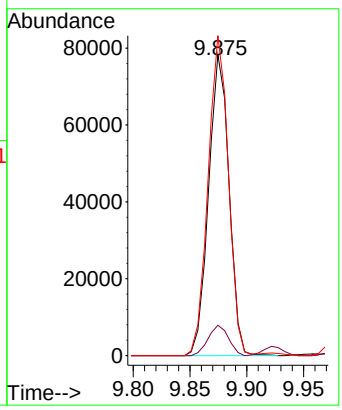


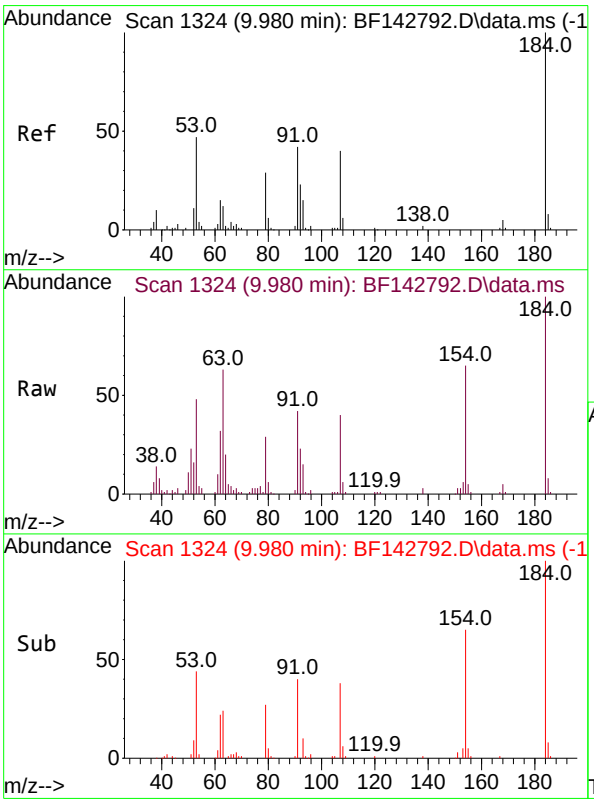
#53
3-Nitroaniline
Concen: 38.714 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 97950

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	106.4	85.1	127.7

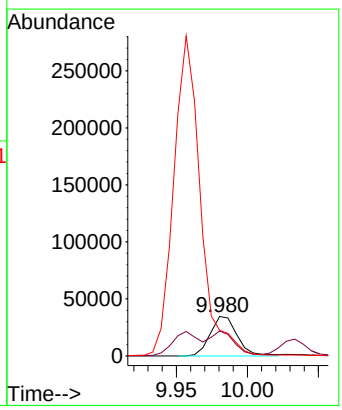


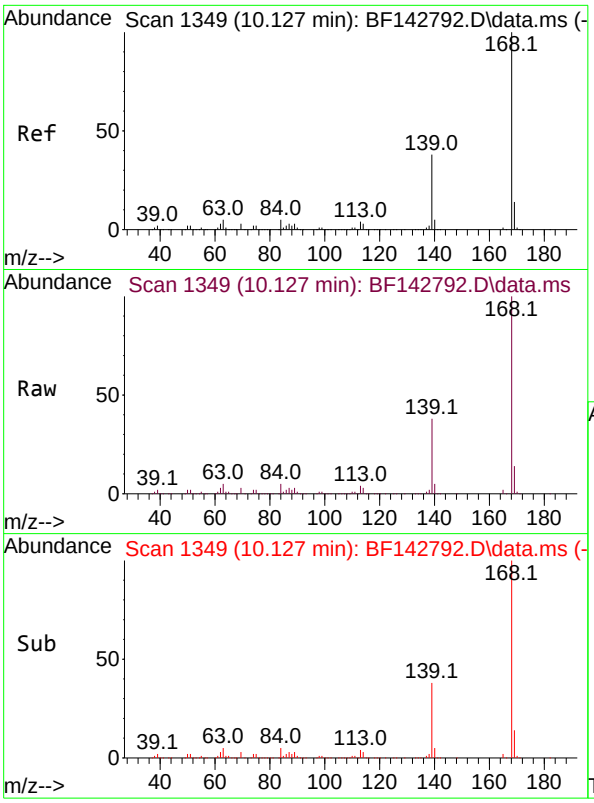


#54
2,4-Dinitrophenol
Concen: 36.494 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:184 Resp: 46000

Ion	Ratio	Lower	Upper
184	100		
63	63.2	50.6	75.8
154	64.8	51.8	77.8



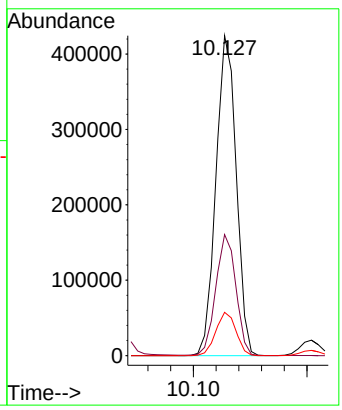


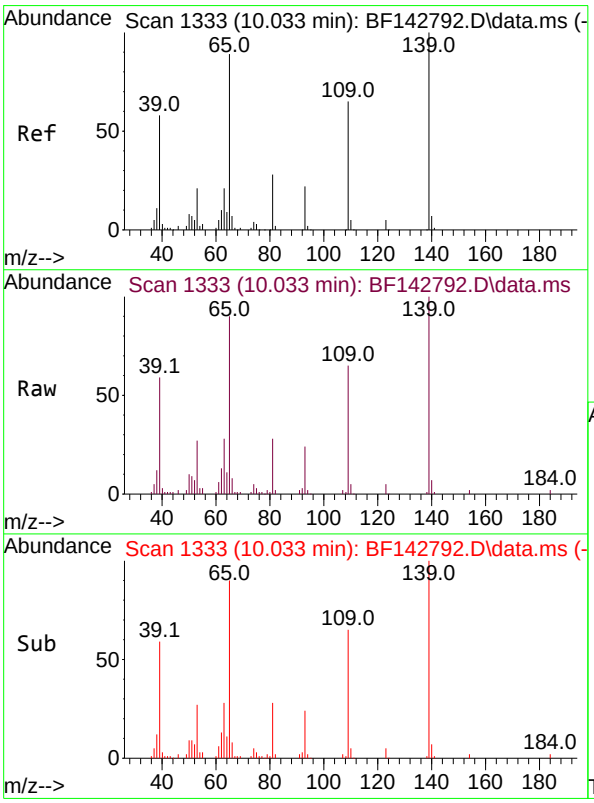
#55
Dibenzofuran
Concen: 38.235 ng
RT: 10.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 526718

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.4
169	13.5	10.8	16.2

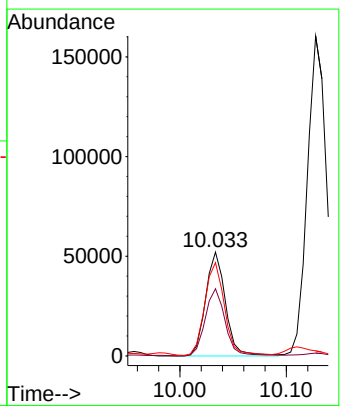


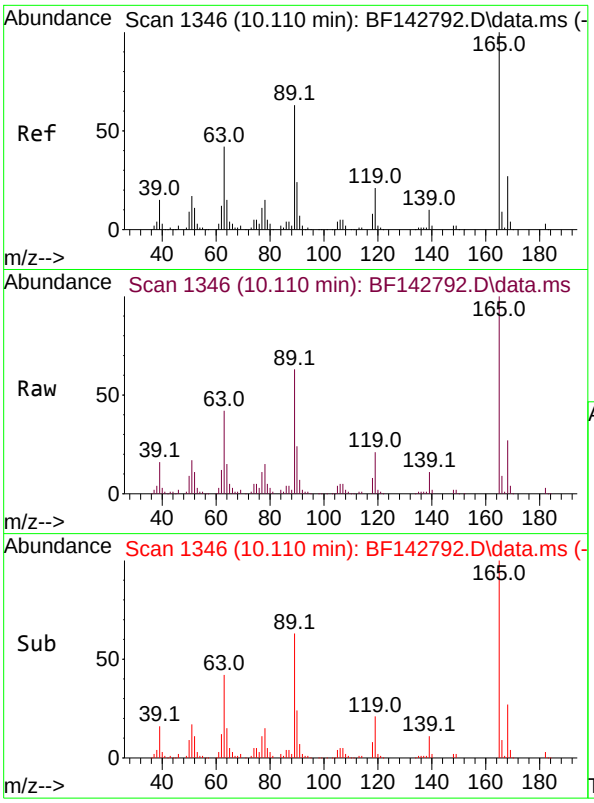


#56
4-Nitrophenol
Concen: 39.230 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:139 Resp: 67375

Ion	Ratio	Lower	Upper
139	100		
109	64.7	44.7	84.7
65	89.8	69.8	109.8



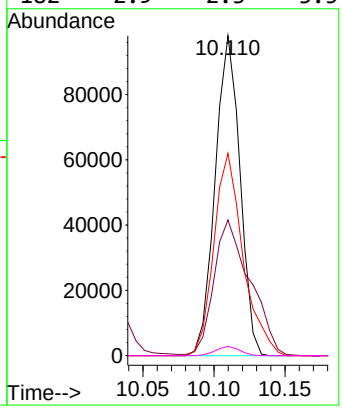


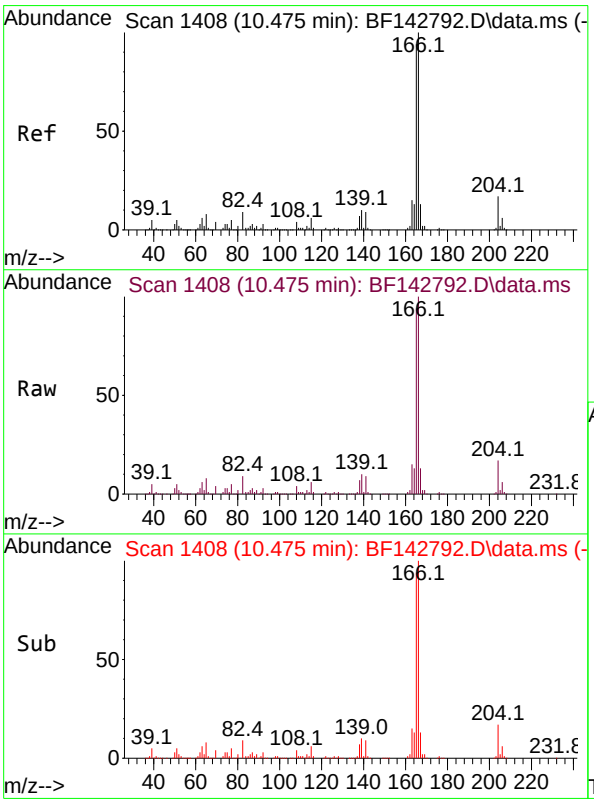
#57
2,4-Dinitrotoluene
Concen: 38.644 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 119021

Ion	Ratio	Lower	Upper
165	100		
63	42.4	33.9	50.9
89	63.2	50.6	75.8
182	2.9	2.3	3.5

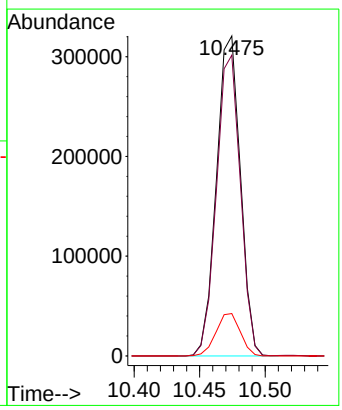


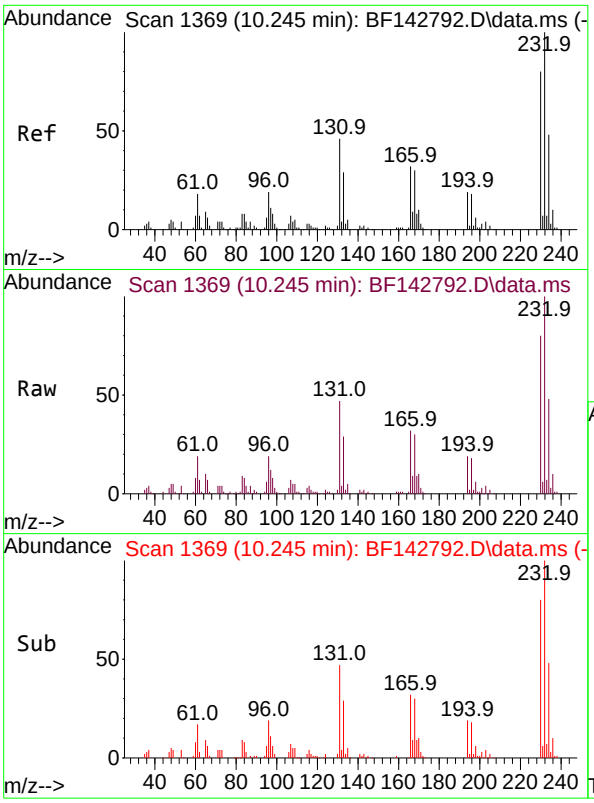


#58
Fluorene
Concen: 37.535 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:166 Resp: 408102

Ion	Ratio	Lower	Upper
166	100		
165	94.0	75.2	112.8
167	13.2	10.6	15.8



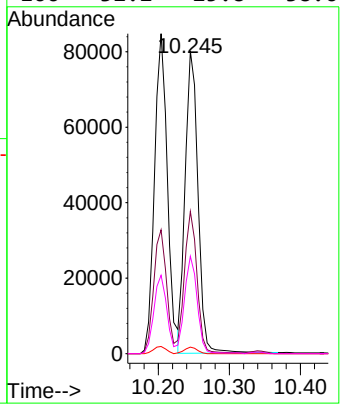


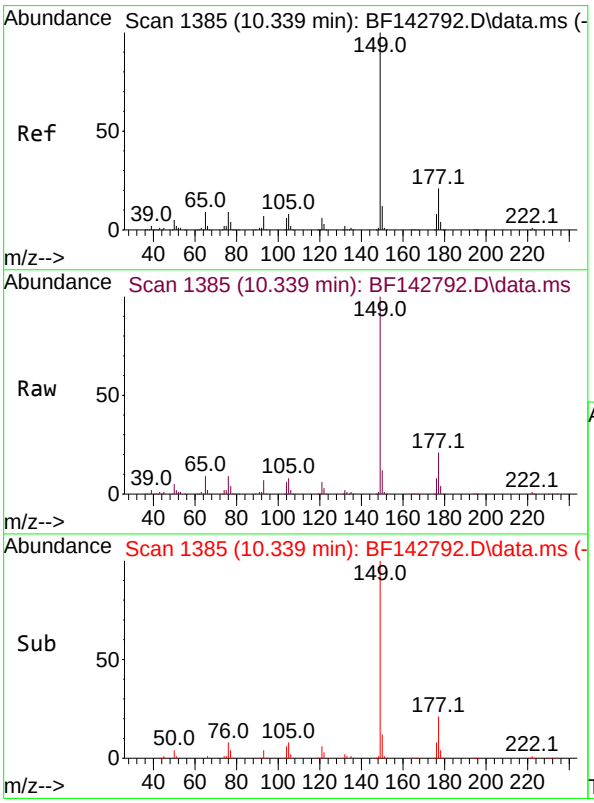
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.847 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 100957

Ion	Ratio	Lower	Upper
232	100		
131	47.0	37.6	56.4
130	2.1	1.7	2.5
166	32.2	25.8	38.6

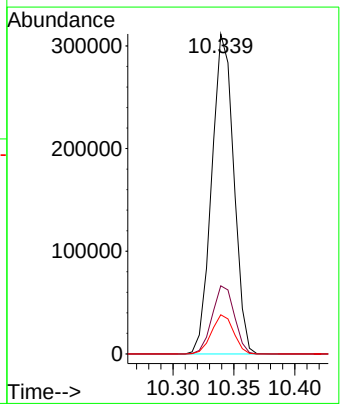


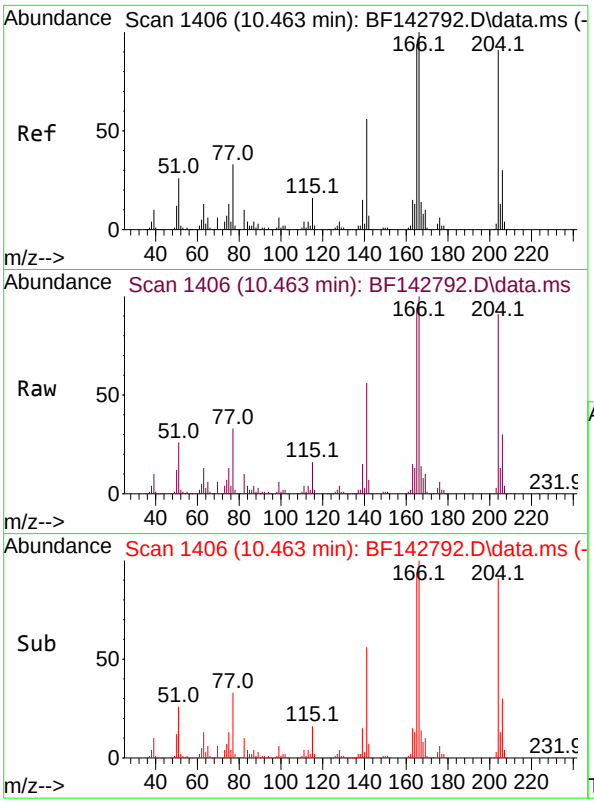


#60
Diethylphthalate
Concen: 36.752 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:149 Resp: 392278

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.0	25.6
150	12.2	9.8	14.6



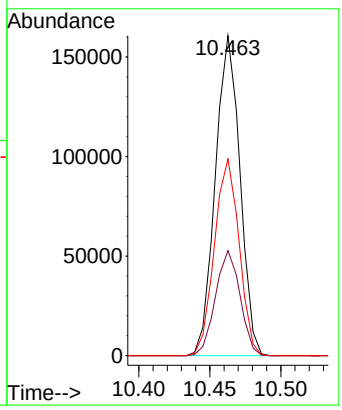


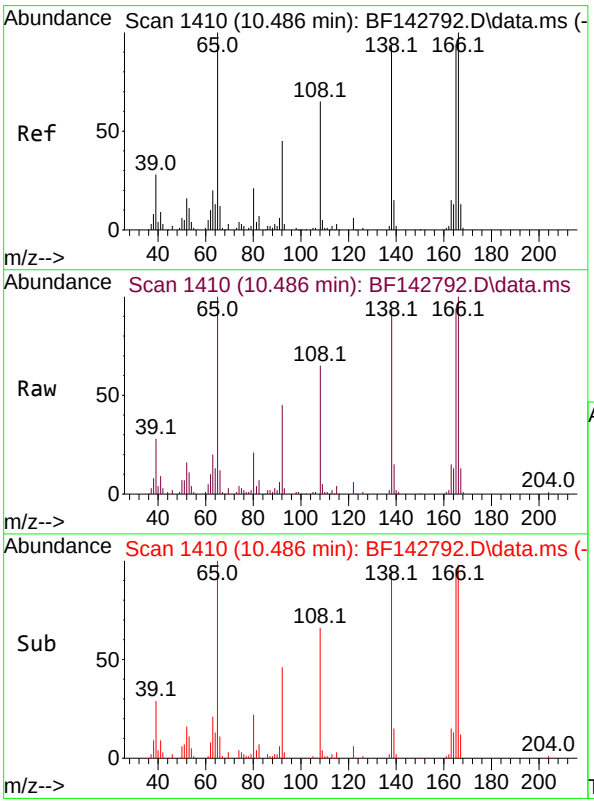
#61
4-Chlorophenyl-phenylether
Concen: 36.726 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 193928

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	61.4	49.1	73.7

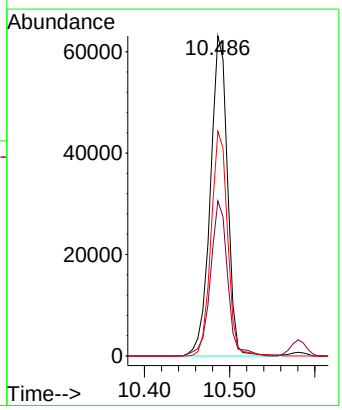


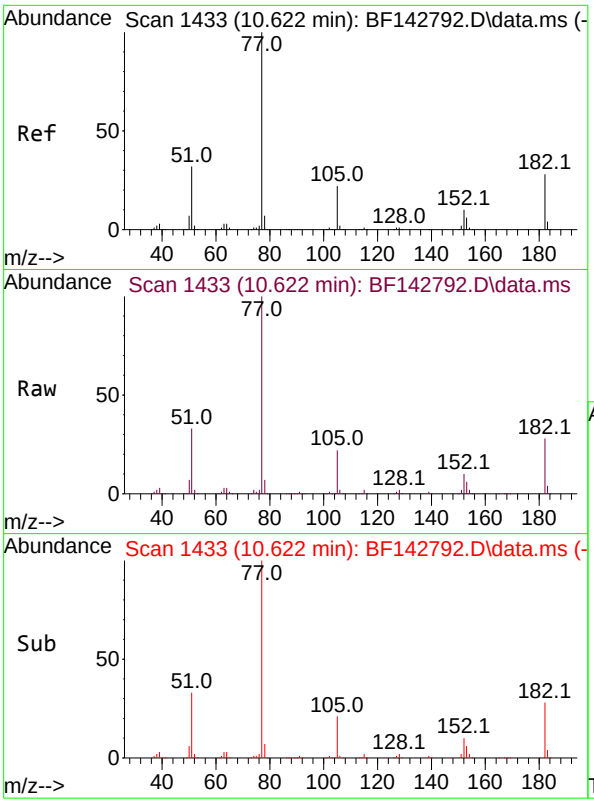


#62
4-Nitroaniline
Concen: 38.806 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:138 Resp: 88142

Ion	Ratio	Lower	Upper
138	100		
92	48.4	28.4	68.4
108	70.2	50.2	90.2



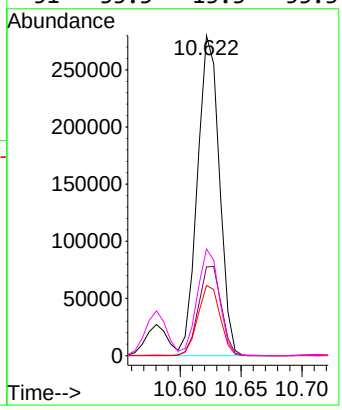


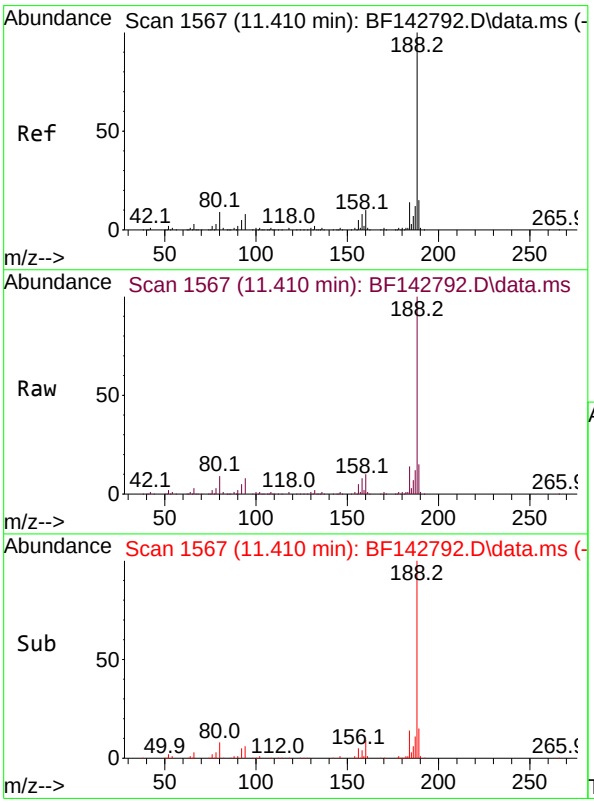
#63
Azobenzene
Concen: 37.534 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 350110

Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.7	47.7
105	21.9	1.9	41.9
51	33.3	13.3	53.3

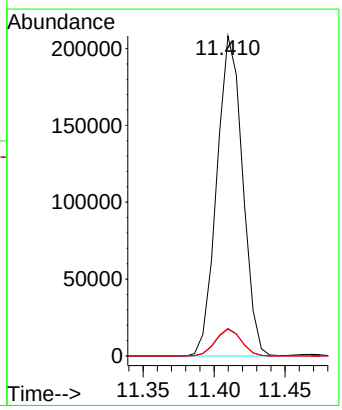


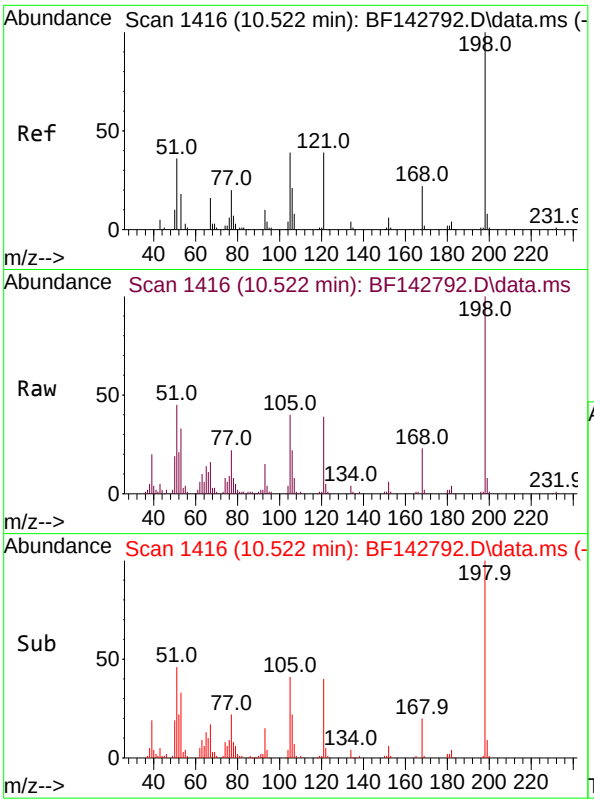


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:188 Resp: 263346

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	8.6	6.9	10.3



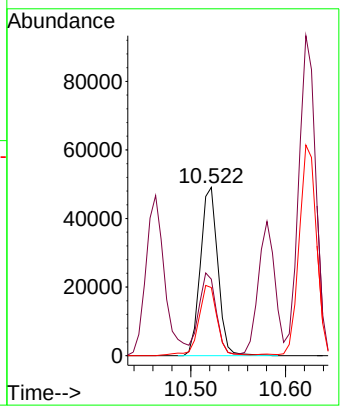


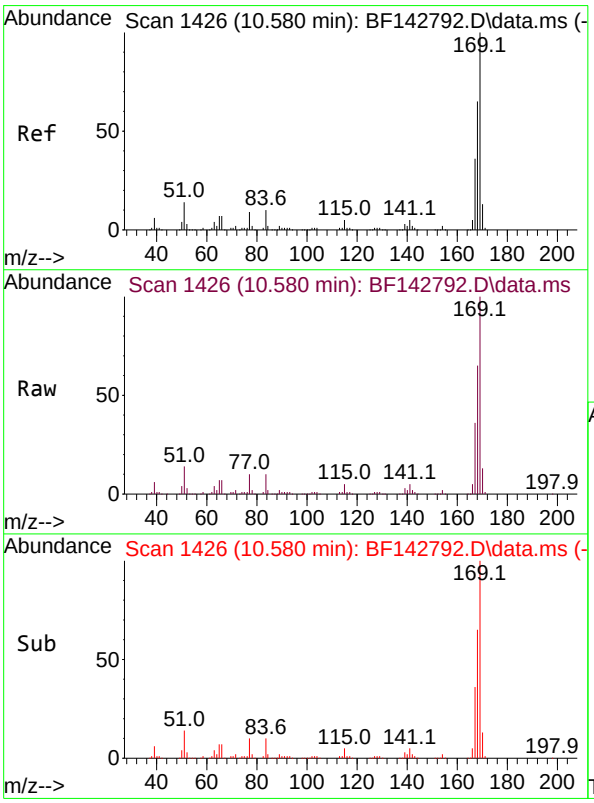
#65
4,6-Dinitro-2-methylphenol
Concen: 38.375 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 62800

Ion	Ratio	Lower	Upper
198	100		
51	45.4	25.4	65.4
105	40.4	20.4	60.4

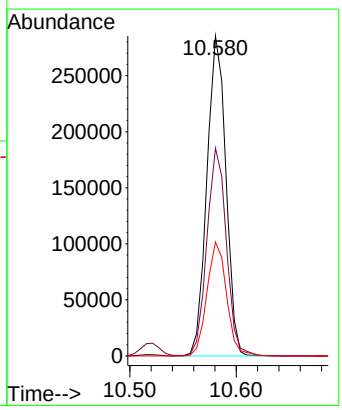


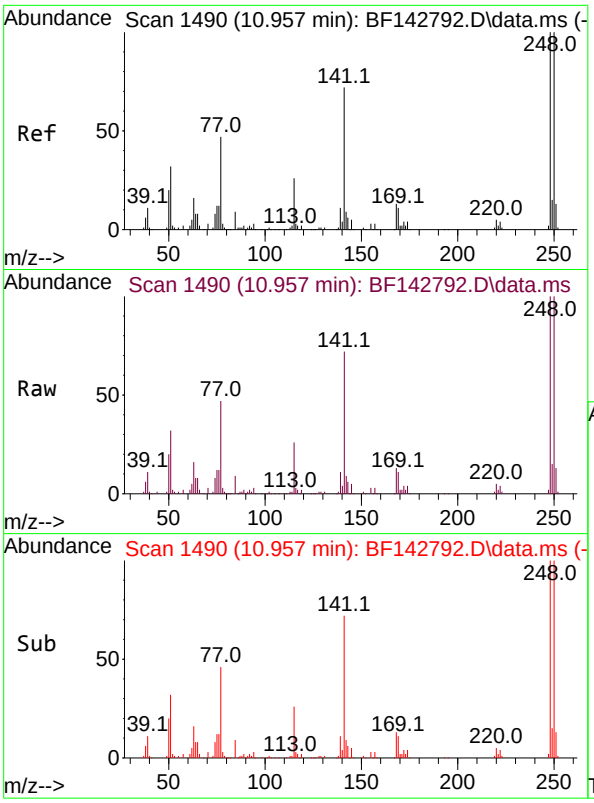


#66
n-Nitrosodiphenylamine
Concen: 39.014 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:169 Resp: 353033

Ion	Ratio	Lower	Upper
169	100		
168	64.9	51.9	77.9
167	35.6	28.5	42.7



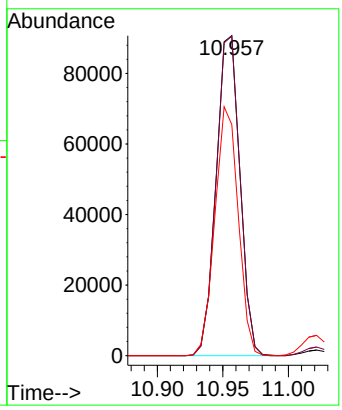


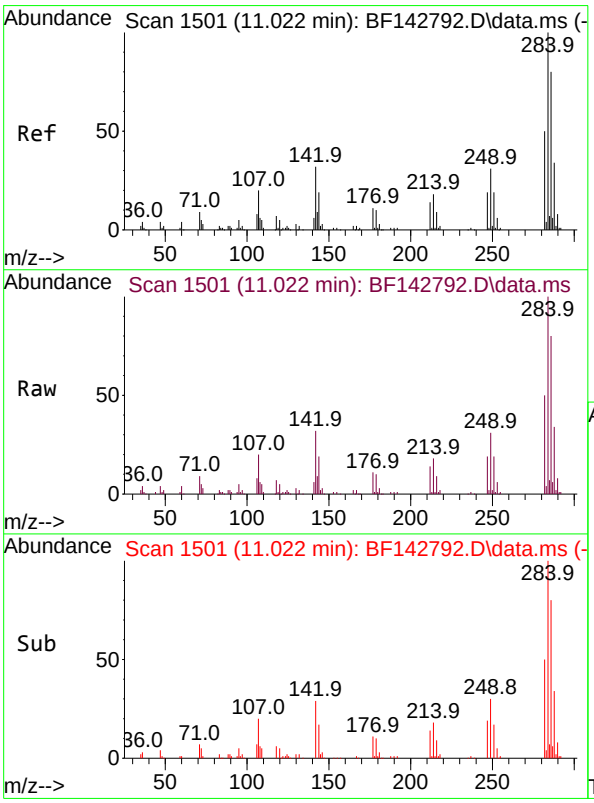
#67
4-Bromophenyl-phenylether
Concen: 37.246 ng
RT: 10.957 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 114874

Ion	Ratio	Lower	Upper
248	100		
250	99.8	79.8	119.8
141	72.2	57.8	86.6

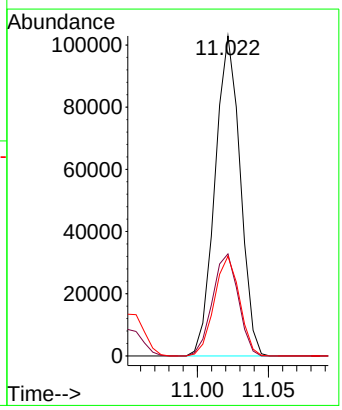


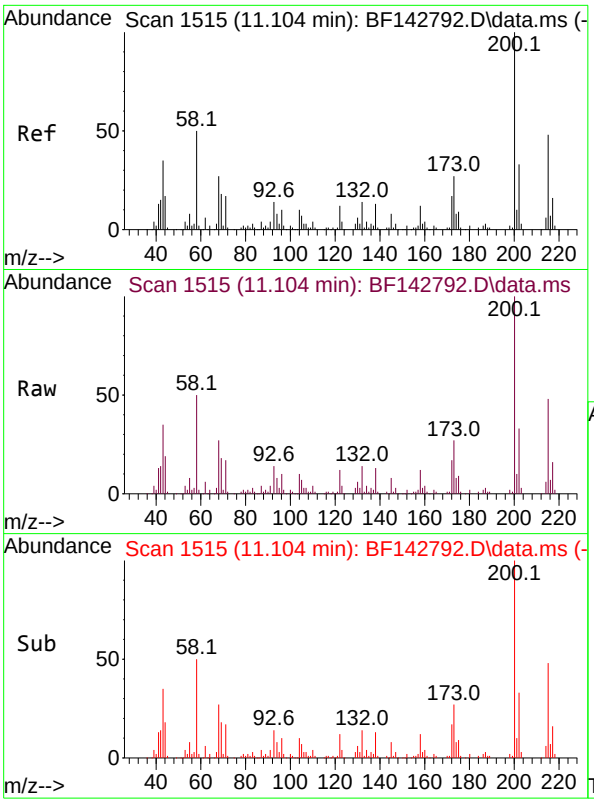


#68
Hexachlorobenzene
Concen: 37.057 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:284 Resp: 126882

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.5	38.3
249	31.1	24.9	37.3



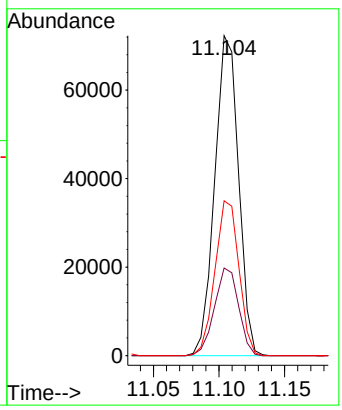


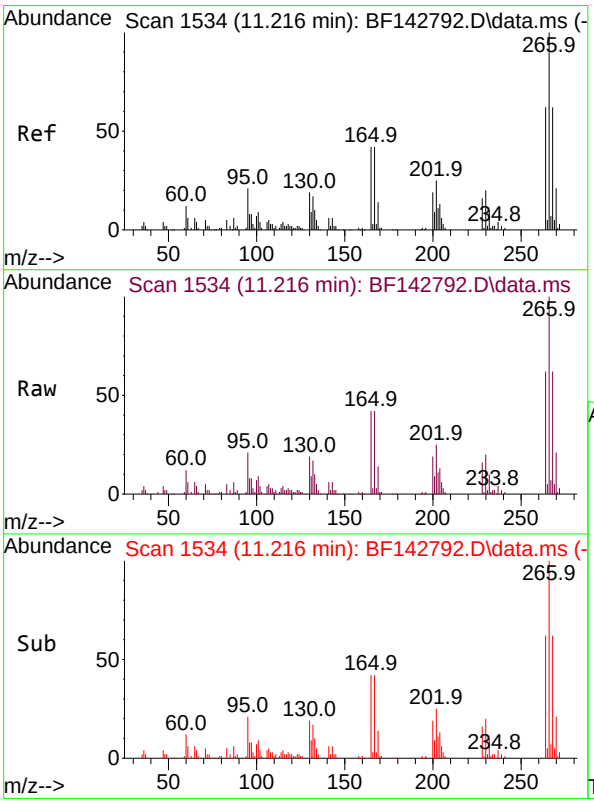
#69
Atrazine
Concen: 38.060 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 91444

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	48.4	28.4	68.4

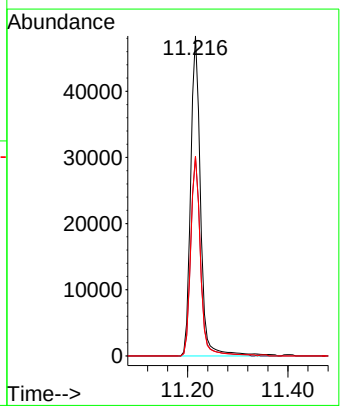


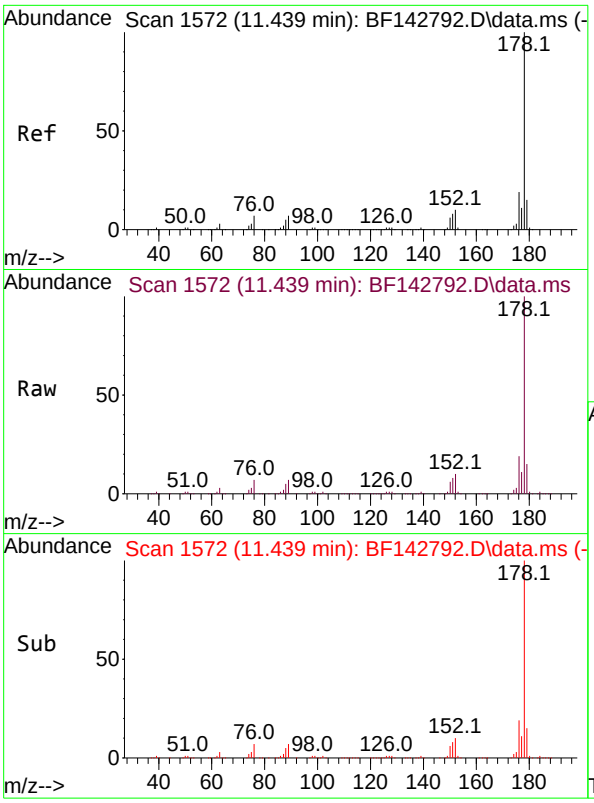


#70
Pentachlorophenol
Concen: 37.113 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:266 Resp: 65999

Ion	Ratio	Lower	Upper
266	100		
268	62.3	49.8	74.8
264	62.4	49.9	74.9



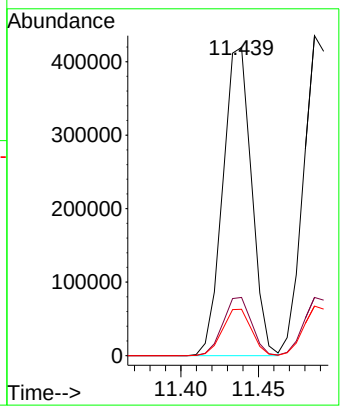


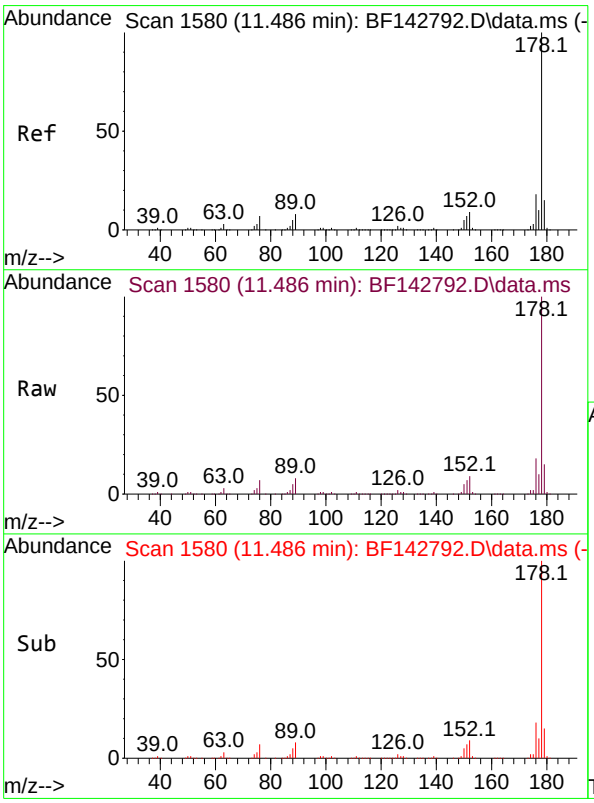
#71
Phenanthrene
Concen: 38.508 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 542935

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.0	12.0	18.0

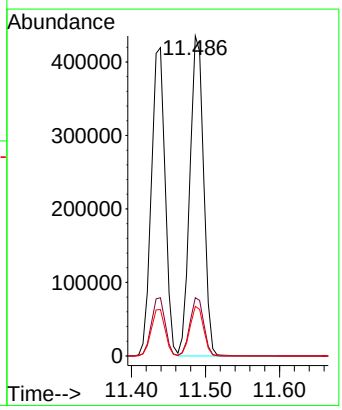


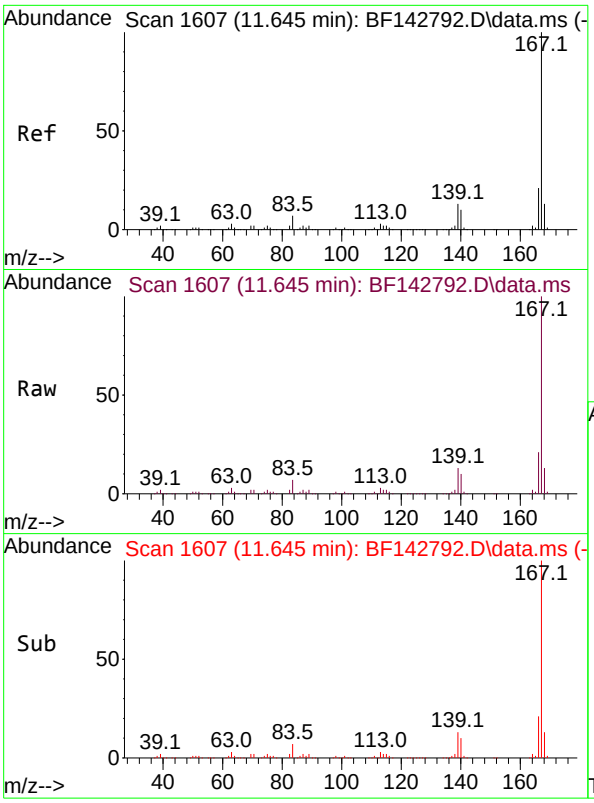


#72
Anthracene
Concen: 38.384 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:178 Resp: 560180

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.5	12.4	18.6



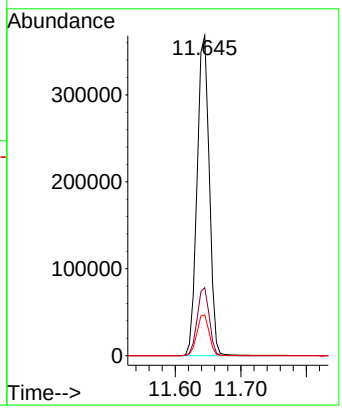


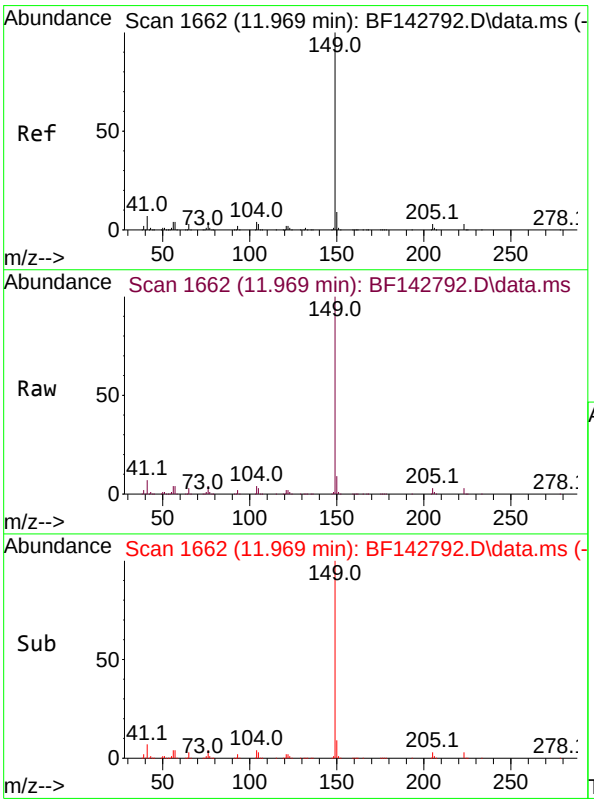
#73
Carbazole
Concen: 38.769 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 473801

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	12.7	10.2	15.2

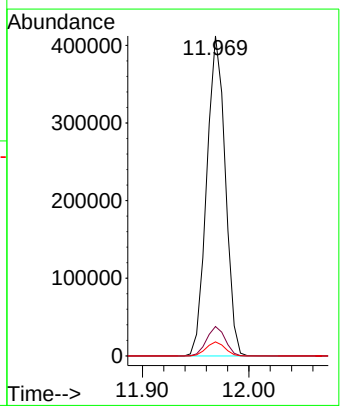


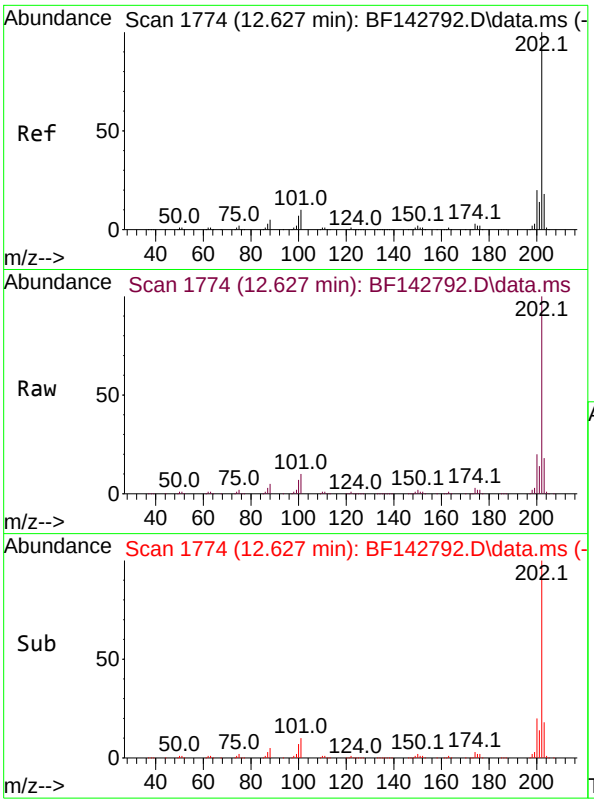


#74
Di-n-butylphthalate
Concen: 36.824 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:149 Resp: 498285

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.4	3.5	5.3



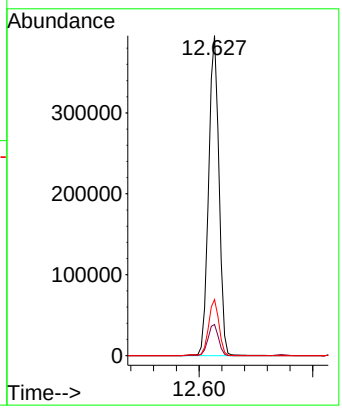


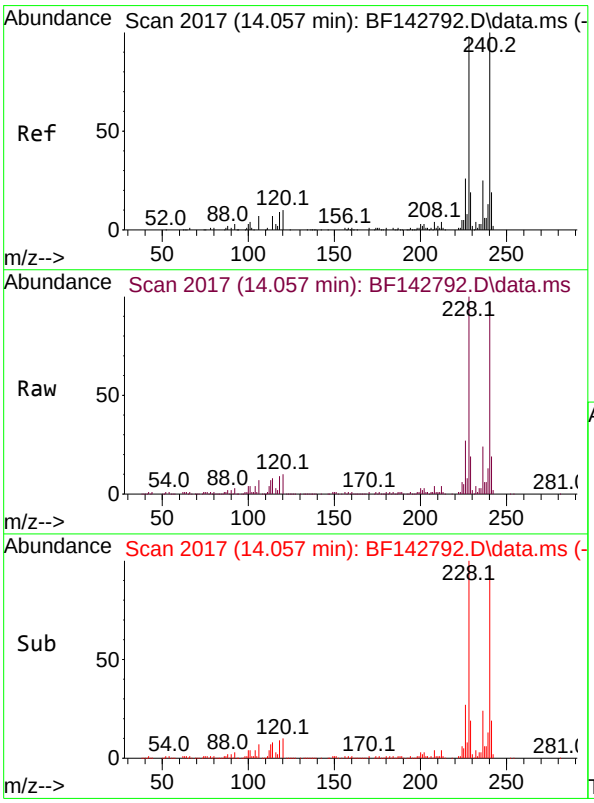
#75
Fluoranthene
Concen: 37.522 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 502656

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.7
203	17.5	0.0	37.5

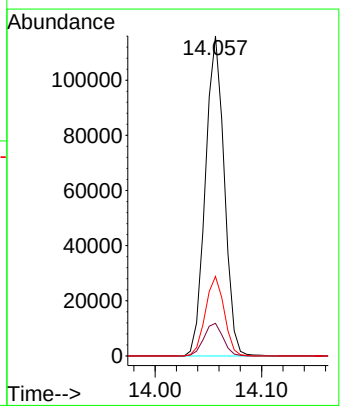


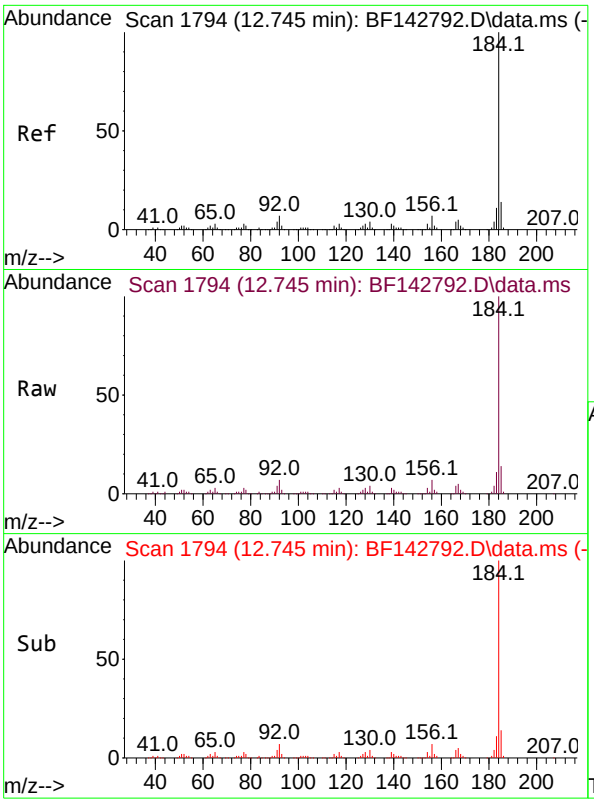


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:240 Resp: 142481

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	24.8	19.8	29.8



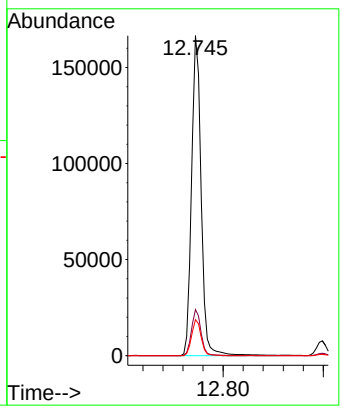


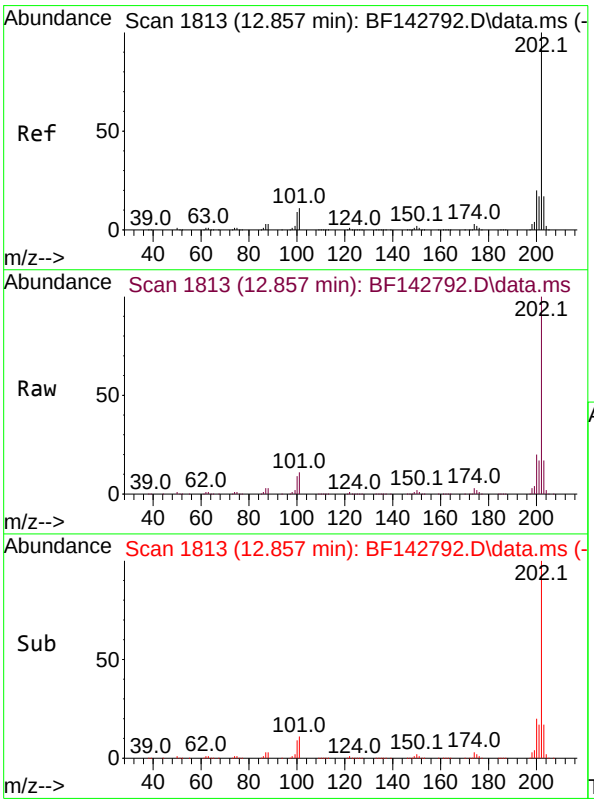
#77
Benzidine
Concen: 43.691 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 220379

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.2	9.0	13.4

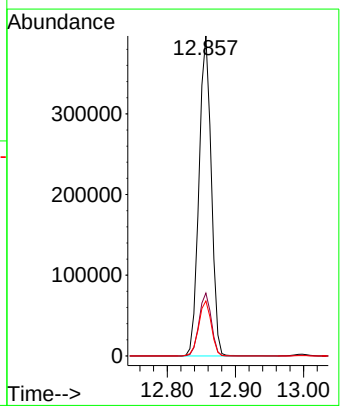


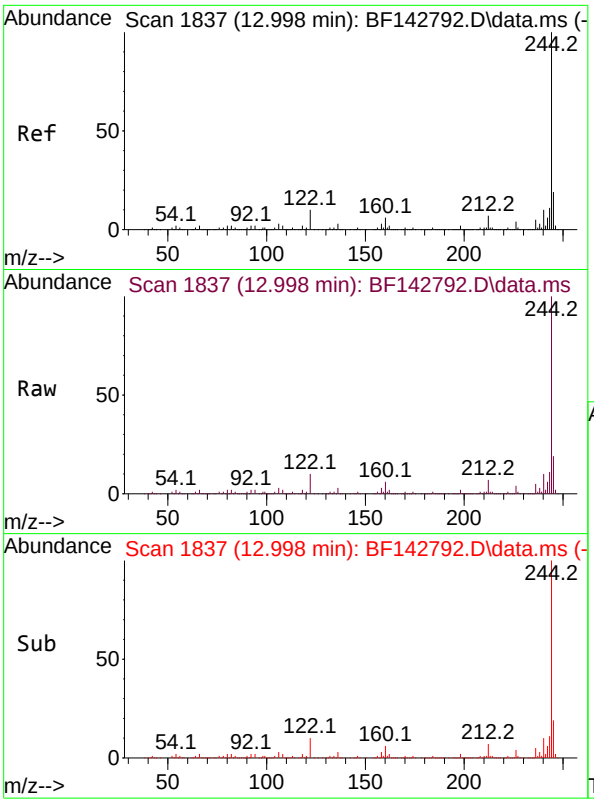


#78
Pyrene
Concen: 37.911 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:202 Resp: 496538

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.2	13.8	20.6



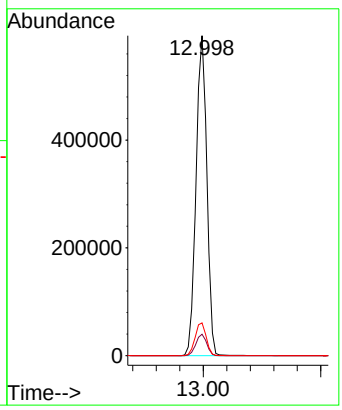


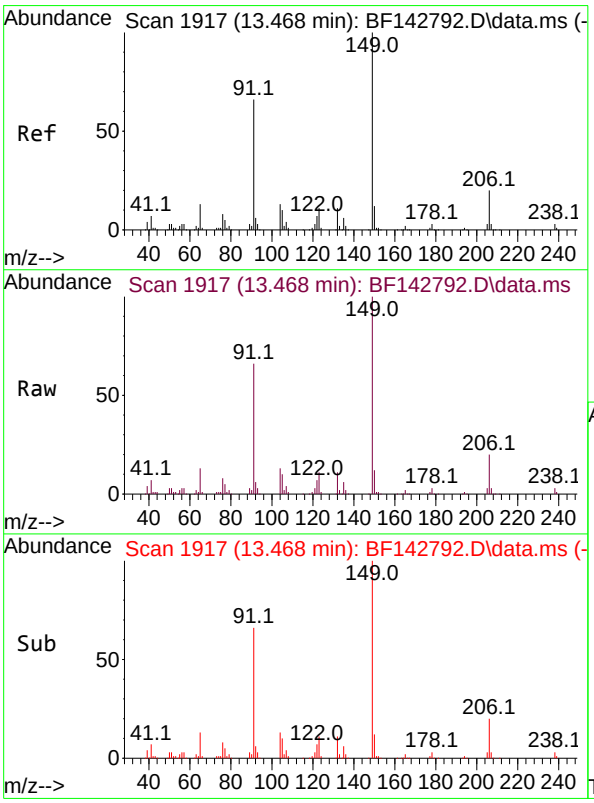
#79
Terphenyl-d14
Concen: 73.897 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 756495

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.2	8.2	12.2

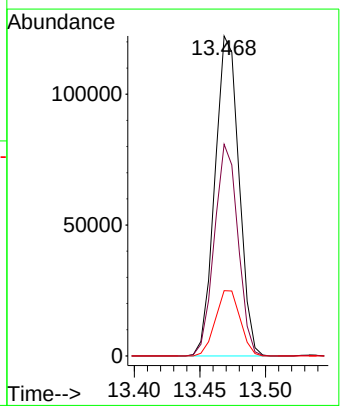


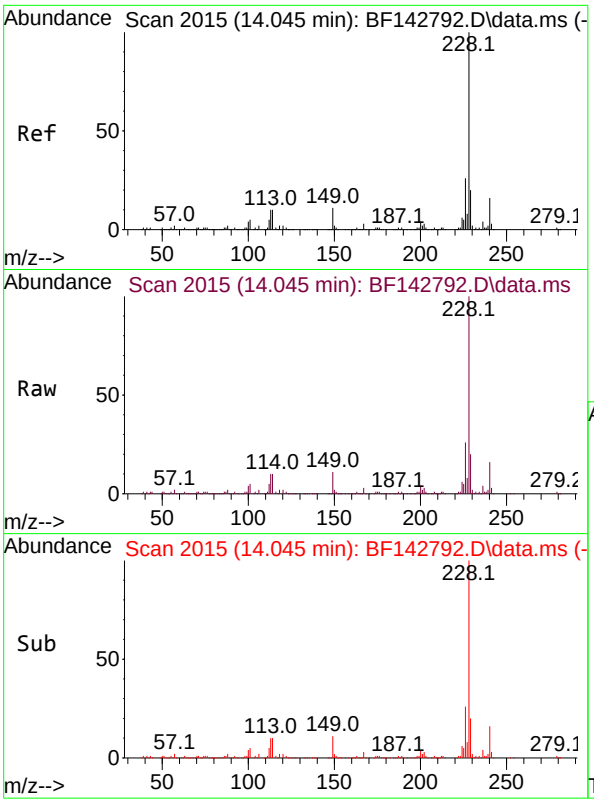


#80
Butylbenzylphthalate
Concen: 40.172 ng
RT: 13.468 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:149 Resp: 155920

Ion	Ratio	Lower	Upper
149	100		
91	66.1	52.9	79.3
206	20.4	16.3	24.5



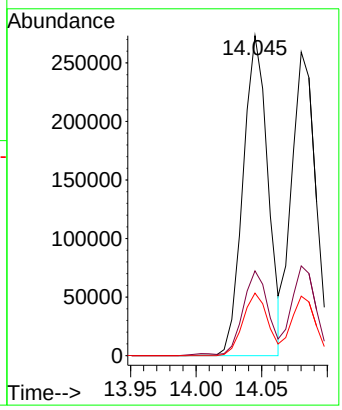


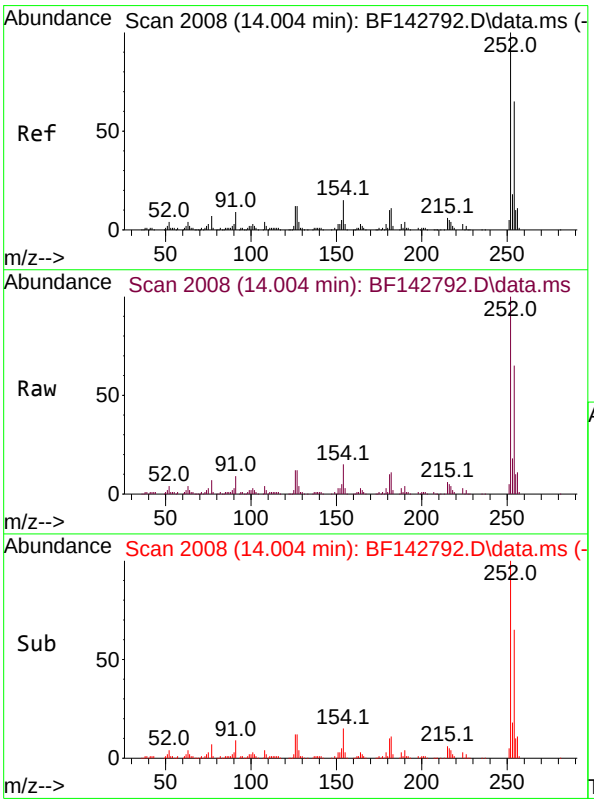
#81
Benzo(a)anthracene
Concen: 38.522 ng
RT: 14.045 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 360377

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	19.5	15.6	23.4

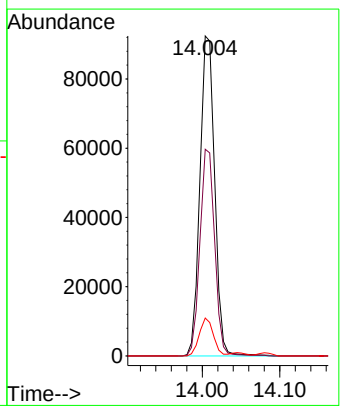


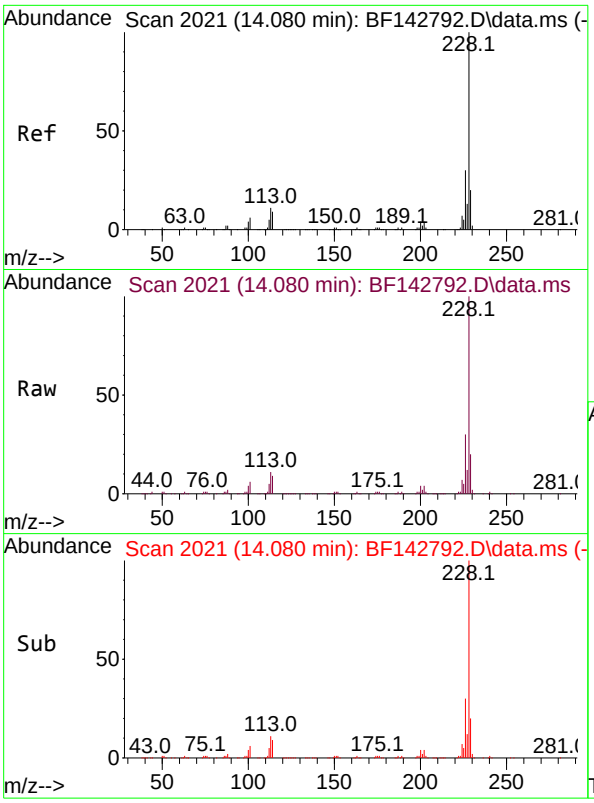


#82
3,3'-Dichlorobenzidine
Concen: 40.321 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:252 Resp: 122140

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.8	9.4	14.2



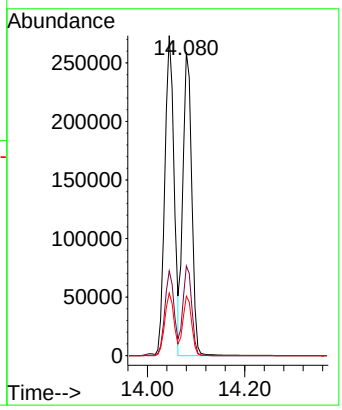


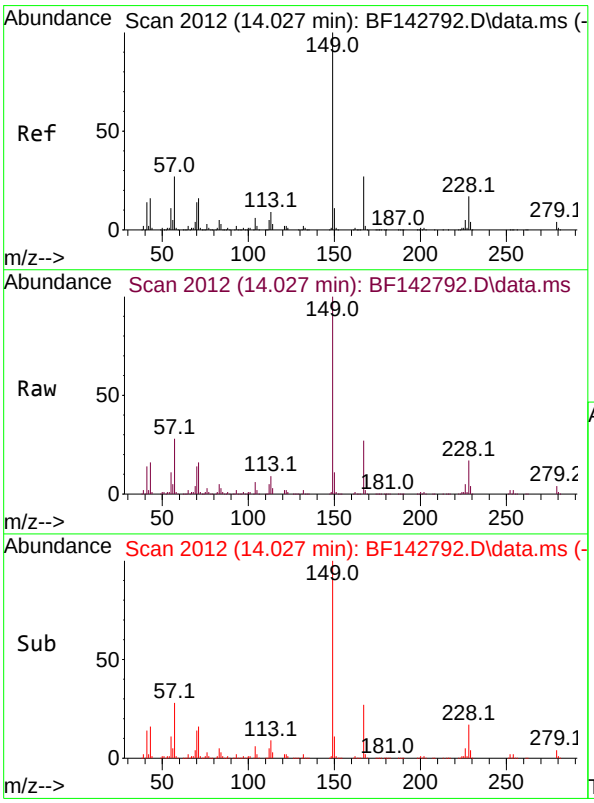
#83
Chrysene
Concen: 38.101 ng
RT: 14.080 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 331830

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	19.6	15.7	23.5

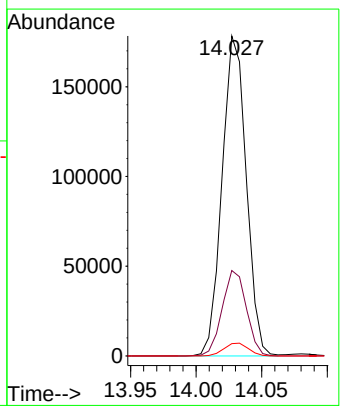


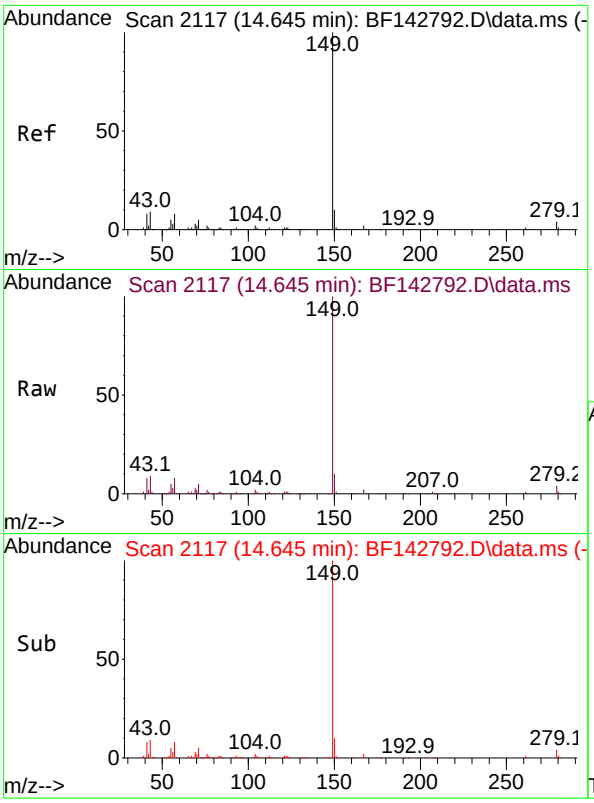


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.589 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:149 Resp: 228949

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	3.8	3.0	4.6



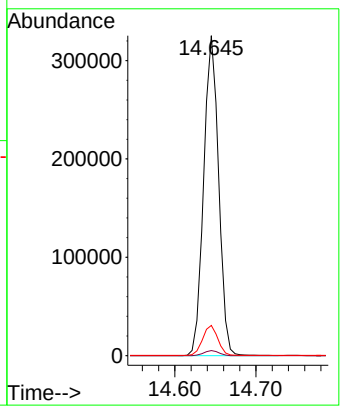


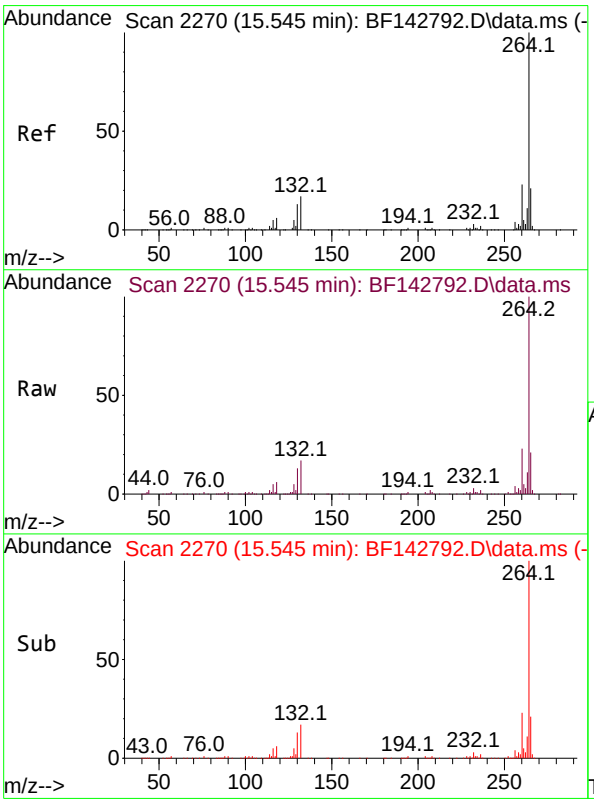
#85
Di-n-octyl phthalate
Concen: 37.837 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 416971

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.6	11.4

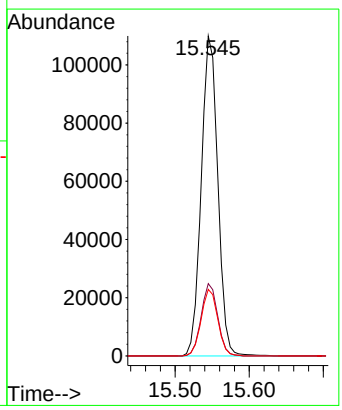


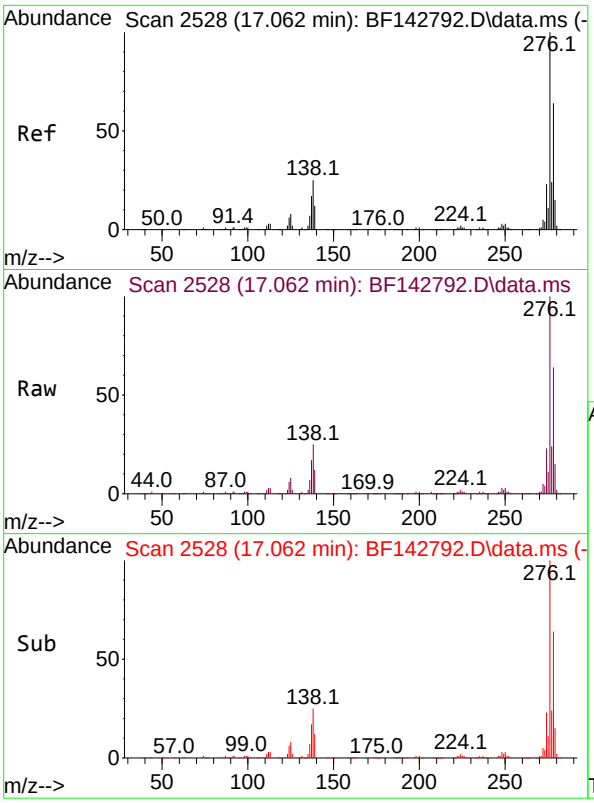


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:264 Resp: 170267

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.1	27.1
265	20.8	16.6	25.0



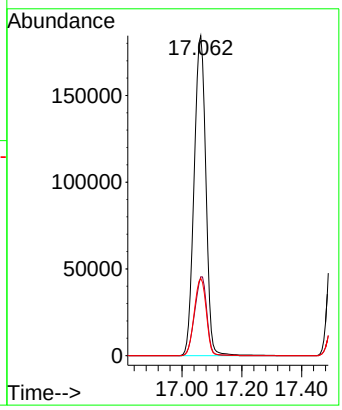


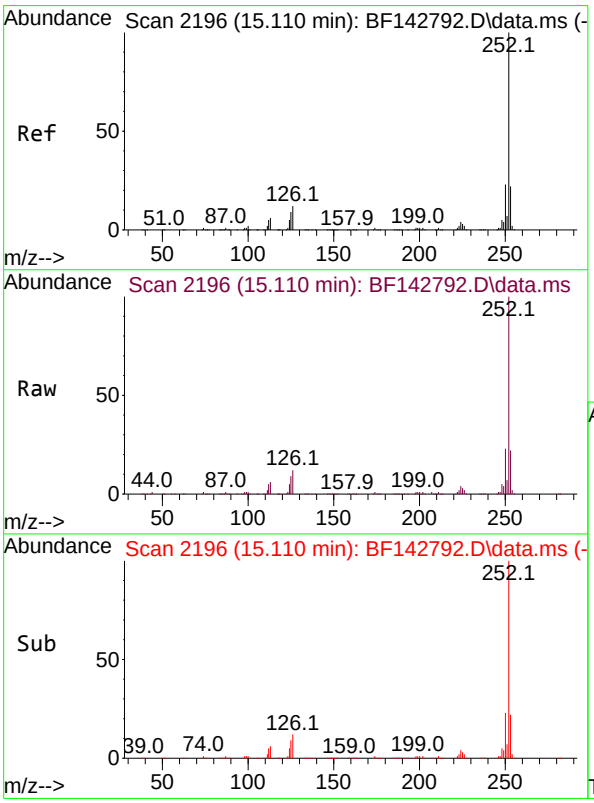
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.863 ng
RT: 17.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 501803

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.2	30.4
277	24.7	19.8	29.6

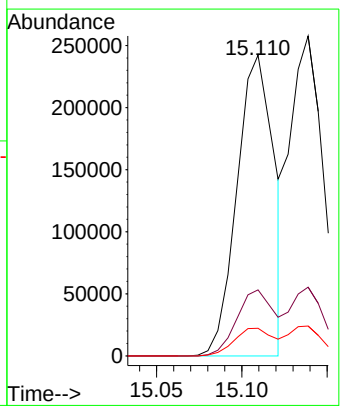


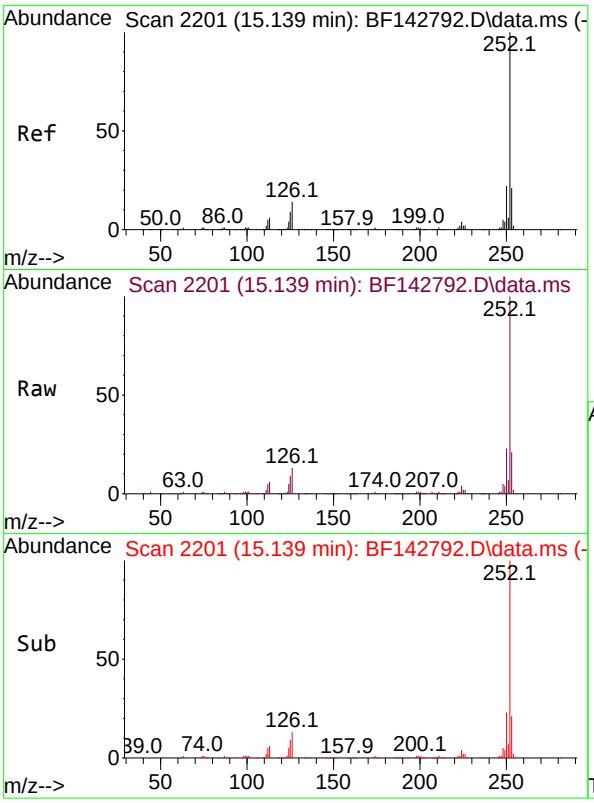


#88
Benzo(b)fluoranthene
Concen: 36.825 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:252 Resp: 365164

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.2	7.4	11.0



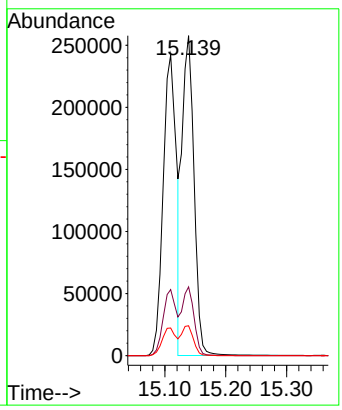


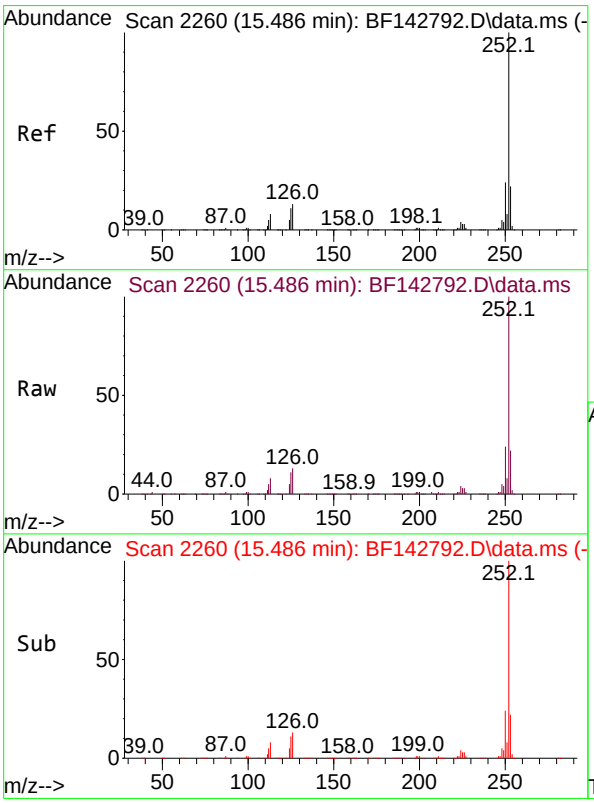
#89
Benzo(k)fluoranthene
Concen: 36.466 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 352993

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	9.3	7.4	11.2

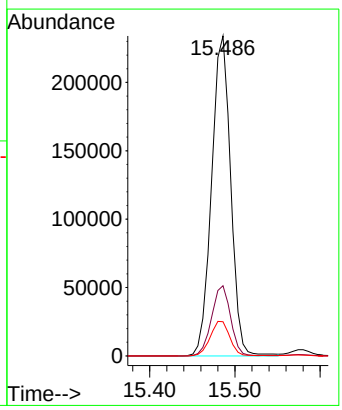


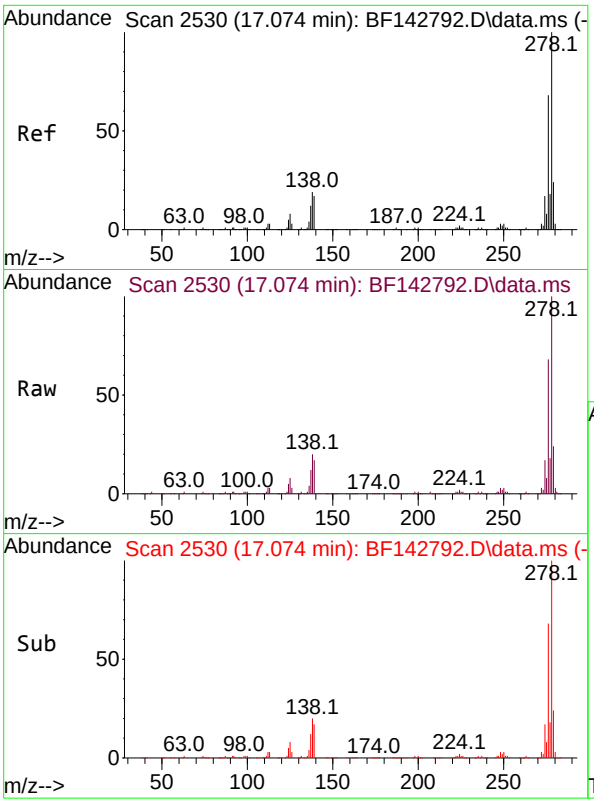


#90
Benzo(a)pyrene
Concen: 38.357 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:252 Resp: 363990

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.7	8.6	12.8



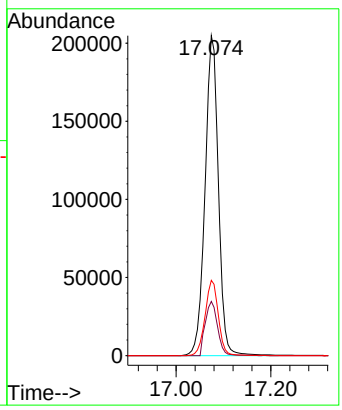


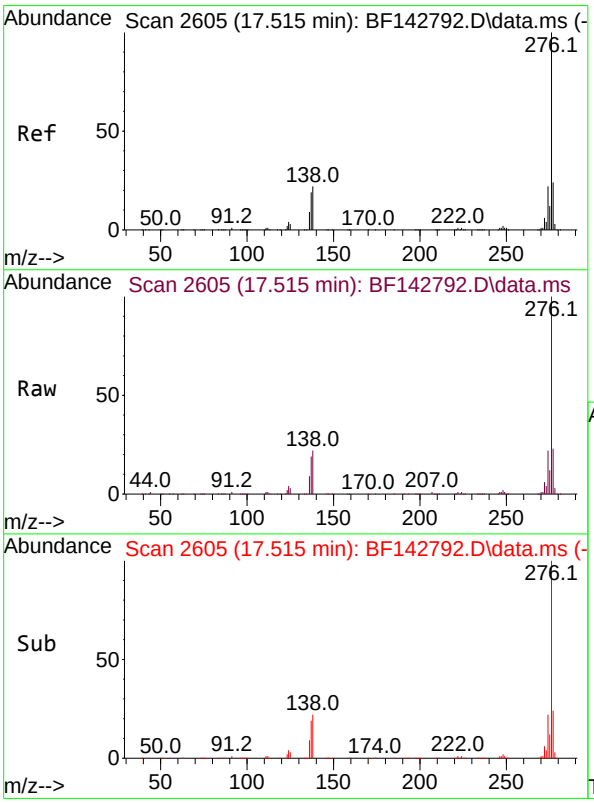
#91
Dibenzo(a,h)anthracene
Concen: 39.266 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 401876

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.5	20.3
279	23.5	18.8	28.2

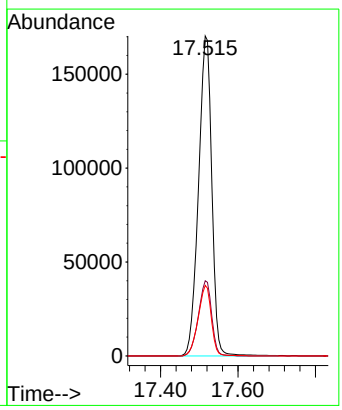




#92
Benzo(g,h,i)perylene
Concen: 39.635 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:276 Resp: 404711

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	22.0	17.6	26.4



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142793.D
Acq On : 19 Jun 2025 19:40
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jun 20 04:40:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69874	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	262911	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	139156	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	229780	20.000	ng	0.00
76) Chrysene-d12	14.057	240	117825	20.000	ng	0.00
86) Perylene-d12	15.545	264	139593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	441114	107.674	ng	0.00
7) Phenol-d6	6.510	99	516909	107.451	ng	0.00
23) Nitrobenzene-d5	7.451	82	506846	105.669	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	152358	100.743	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1043477	99.755	ng	0.00
79) Terphenyl-d14	12.998	244	904305	106.820	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	88835	54.606	ng	99
3) Pyridine	3.398	79	227576	55.874	ng	99
4) n-Nitrosodimethylamine	3.351	42	116636	55.913	ng	98
6) Aniline	6.545	93	346211	53.700	ng	99
8) 2-Chlorophenol	6.663	128	238691	53.507	ng	99
9) Benzaldehyde	6.434	77	145420	49.583	ng	99
10) Phenol	6.528	94	288461	53.781	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	206661	51.933	ng	100
12) 1,3-Dichlorobenzene	6.822	146	262098	51.598	ng	99
13) 1,4-Dichlorobenzene	6.898	146	266098	51.685	ng	99
14) 1,2-Dichlorobenzene	7.051	146	253411	51.487	ng	99
15) Benzyl Alcohol	7.022	79	193284	53.677	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	328251	52.354	ng	99
17) 2-Methylphenol	7.133	107	182167	53.415	ng	99
18) Hexachloroethane	7.392	117	94097	51.126	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	147905	48.753	ng	98
20) 3+4-Methylphenols	7.286	107	229169	53.390	ng	94
22) Acetophenone	7.292	105	303087	52.102	ng	98
24) Nitrobenzene	7.469	77	229219	53.773	ng	98
25) Isophorone	7.704	82	404886	50.334	ng	100
26) 2-Nitrophenol	7.781	139	127773	53.795	ng	99
27) 2,4-Dimethylphenol	7.816	122	216204	53.466	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	256119	51.148	ng	100
29) 2,4-Dichlorophenol	8.022	162	195589	52.478	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	213118	51.763	ng	100
31) Naphthalene	8.186	128	668713	51.717	ng	100
32) Benzoic acid	7.933	122	119196	53.128	ng	97
33) 4-Chloroaniline	8.239	127	276441	53.347	ng	99
34) Hexachlorobutadiene	8.304	225	131697	50.481	ng	99
35) Caprolactam	8.610	113	53024	52.873	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	195744	50.843	ng	99
37) 2-Methylnaphthalene	8.880	142	414854	50.859	ng	99
38) 1-Methylnaphthalene	8.980	142	430144	50.792	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	207997	51.779	ng	100
41) Hexachlorocyclopentadiene	9.033	237	127033	50.012	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	141932	54.597	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142793.D
Acq On : 19 Jun 2025 19:40
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jun 20 04:40:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

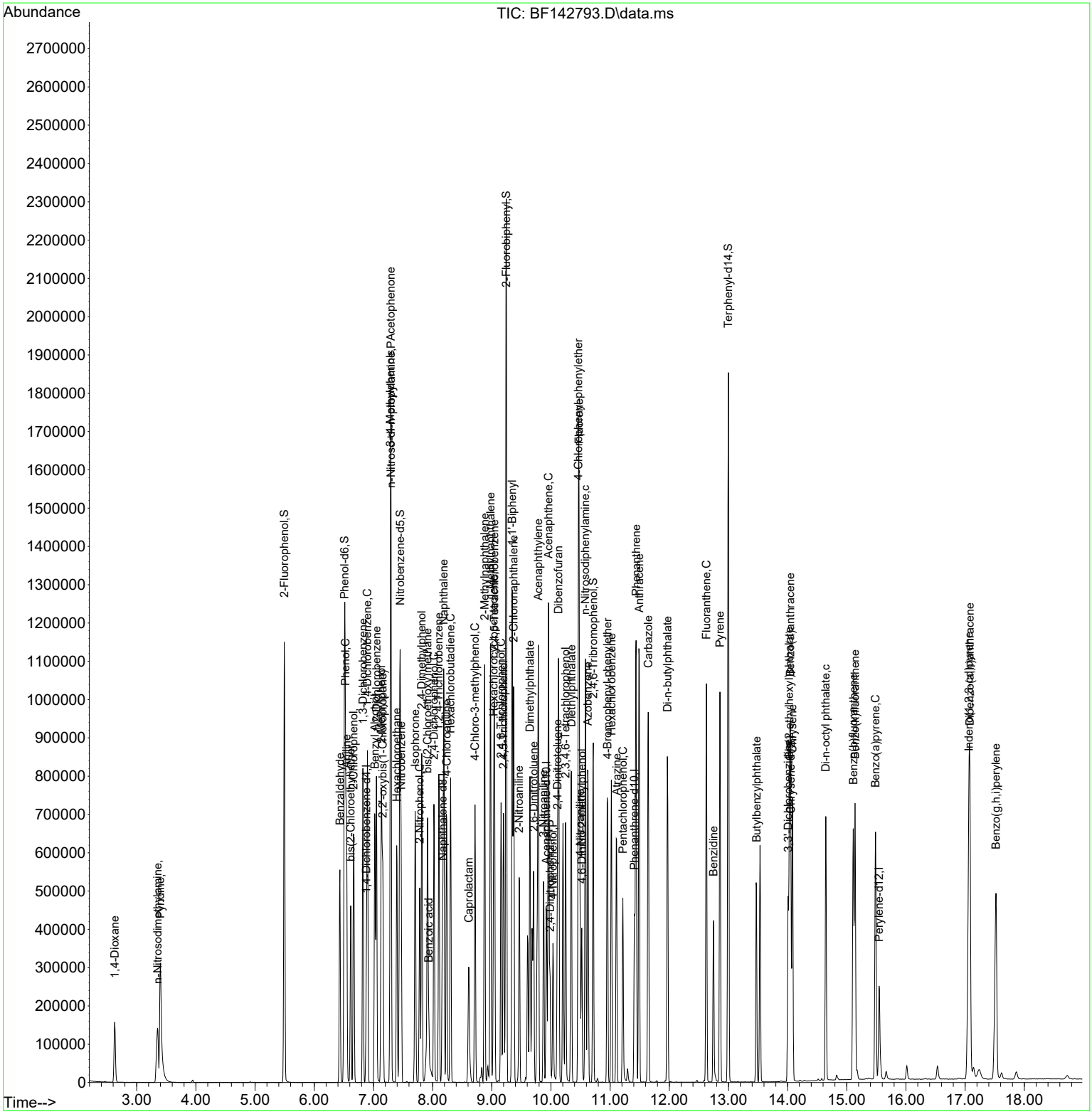
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	144717	51.550	ng	100
46) 1,1'-Biphenyl	9.345	154	559765	51.807	ng	99
47) 2-Chloronaphthalene	9.369	162	420603	52.754	ng	100
48) 2-Nitroaniline	9.463	65	124478	54.955	ng	99
49) Acenaphthylene	9.786	152	694098	51.783	ng	100
50) Dimethylphthalate	9.645	163	464372	50.308	ng	100
51) 2,6-Dinitrotoluene	9.710	165	102361	51.156	ng	98
52) Acenaphthene	9.957	154	427135	51.498	ng	100
53) 3-Nitroaniline	9.874	138	117448	54.038	ng	98
54) 2,4-Dinitrophenol	9.986	184	60308	55.696	ng	92
55) Dibenzofuran	10.127	168	609507	51.506	ng	100
56) 4-Nitrophenol	10.033	139	82688	56.047	ng	98
57) 2,4-Dinitrotoluene	10.110	165	141691	53.554	ng	98
58) Fluorene	10.474	166	473968	50.747	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	120008	50.988	ng	97
60) Diethylphthalate	10.345	149	458546	50.010	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	222613	49.076	ng	98
62) 4-Nitroaniline	10.492	138	109973	56.363	ng	97
63) Azobenzene	10.622	77	409164	51.063	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	76696	53.713	ng	97
66) n-Nitrosodiphenylamine	10.580	169	411917	52.171	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	135699	50.425	ng	98
68) Hexachlorobenzene	11.021	284	150669	50.432	ng	99
69) Atrazine	11.110	200	111915	53.385	ng	99
70) Pentachlorophenol	11.216	266	81577	52.574	ng	98
71) Phenanthrene	11.439	178	644668	52.403	ng	99
72) Anthracene	11.492	178	654942	51.433	ng	99
73) Carbazole	11.645	167	575784	53.996	ng	100
74) Di-n-butylphthalate	11.968	149	616452	52.211	ng	100
75) Fluoranthene	12.627	202	608190	52.032	ng	100
77) Benzidine	12.745	184	242794	58.208	ng	100
78) Pyrene	12.857	202	597913	55.205	ng	99
80) Butylbenzylphthalate	13.474	149	180565	56.257	ng	97
81) Benzo(a)anthracene	14.045	228	413349	53.431	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	140152	55.949	ng	99
83) Chrysene	14.080	228	381352	52.950	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	253542	53.016	ng	100
85) Di-n-octyl phthalate	14.645	149	474143	52.029	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	575271	55.741	ng	100
88) Benzo(b)fluoranthene	15.109	252	401915	49.437	ng	100
89) Benzo(k)fluoranthene	15.139	252	416169	52.440	ng	100
90) Benzo(a)pyrene	15.486	252	419030	53.860	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	466485	55.594	ng	99
92) Benzo(g,h,i)perylene	17.521	276	464951	55.540	ng	99

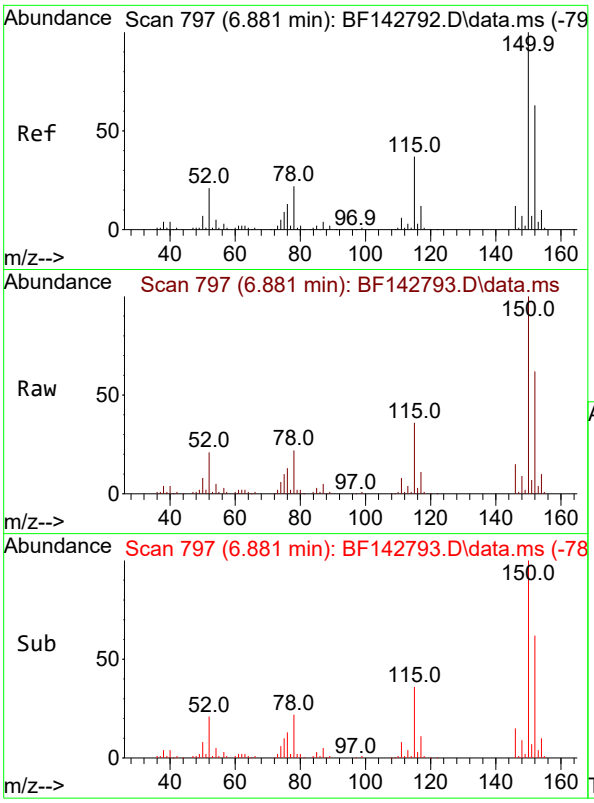
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142793.D
Acq On : 19 Jun 2025 19:40
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jun 20 04:40:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration



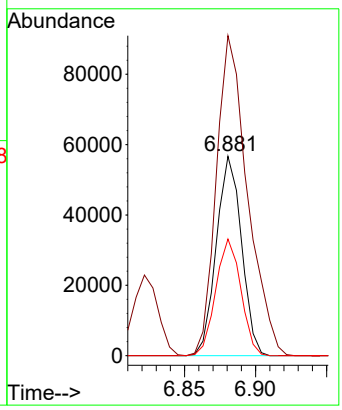


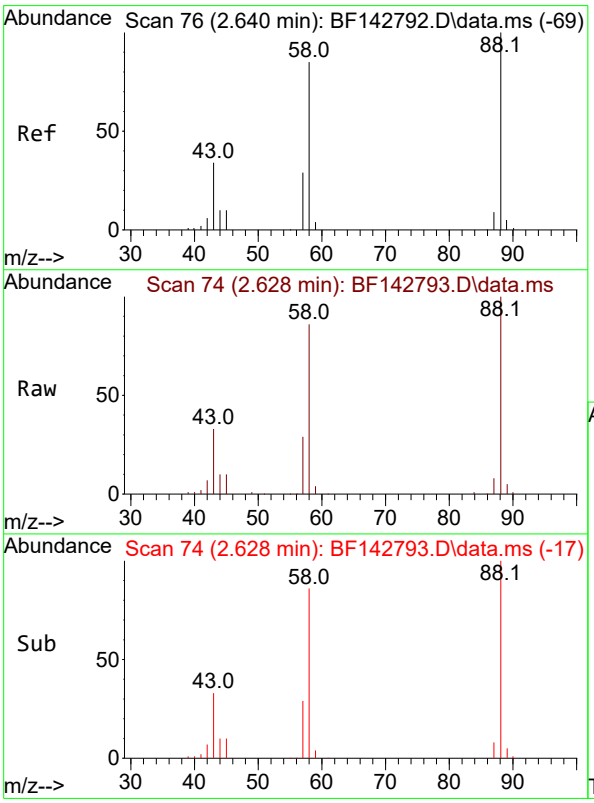
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 69874

Ion	Ratio	Lower	Upper
152	100		
150	160.5	127.2	190.8
115	58.5	46.6	69.8

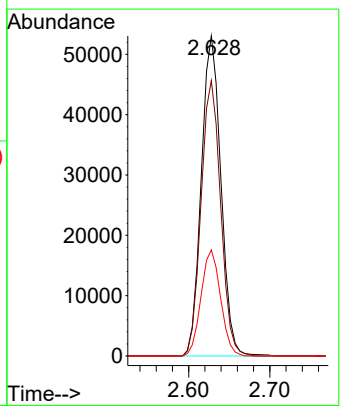


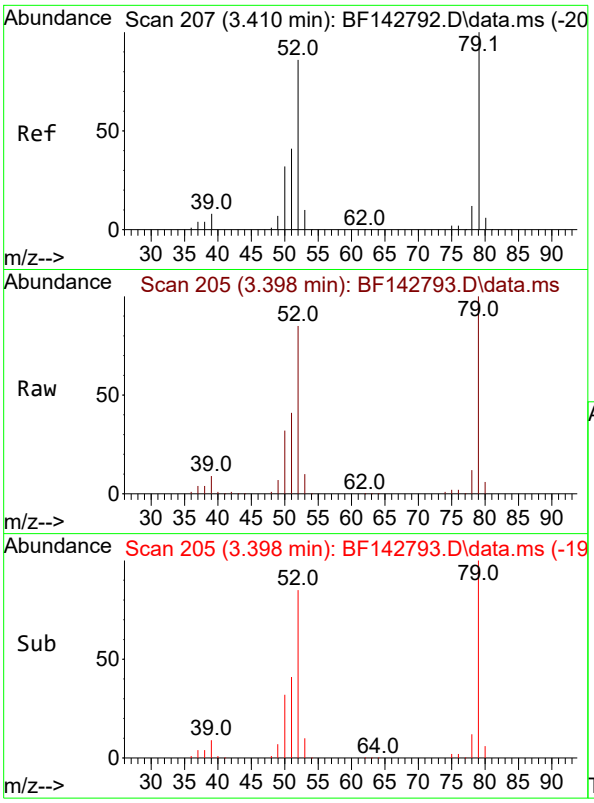


#2
1,4-Dioxane
Concen: 54.606 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 88 Resp: 88835

Ion	Ratio	Lower	Upper
88	100		
58	85.8	69.1	103.7
43	33.0	27.4	41.2



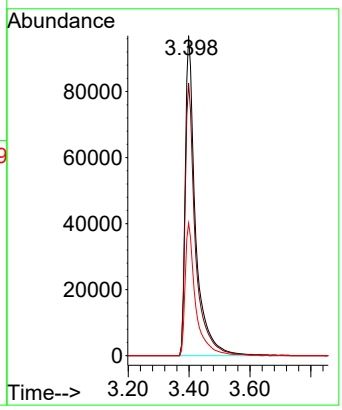


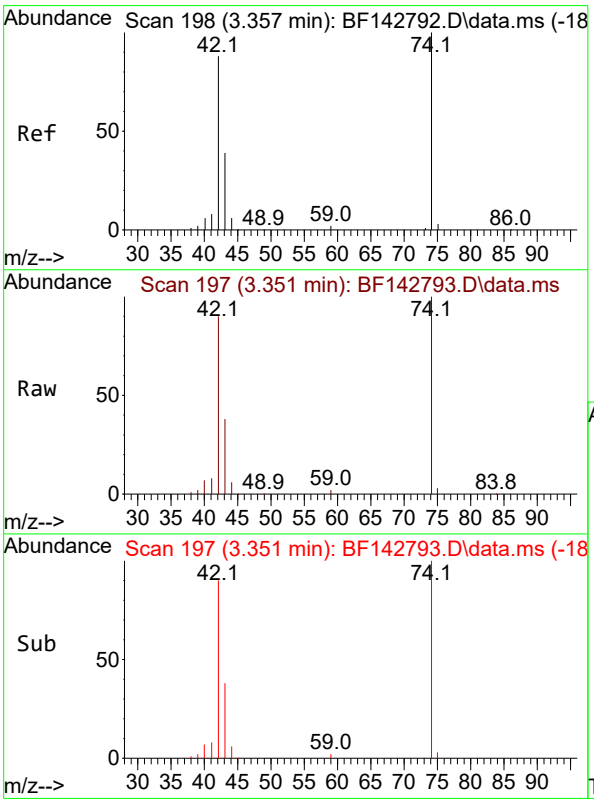
#3
Pyridine
Concen: 55.874 ng
RT: 3.398 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 227576

Ion	Ratio	Lower	Upper
79	100		
52	85.2	69.2	103.8
51	41.4	33.2	49.8

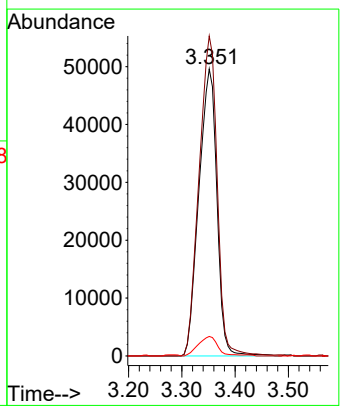


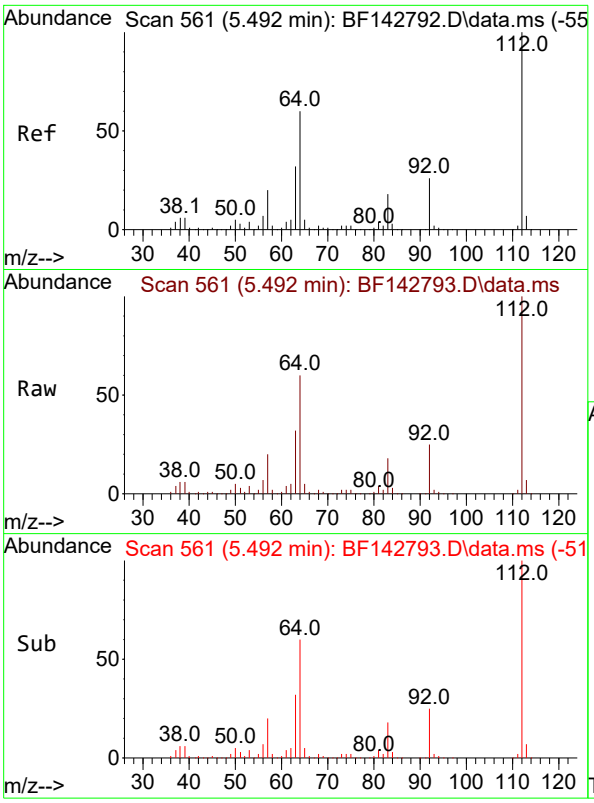


#4
n-Nitrosodimethylamine
Concen: 55.913 ng
RT: 3.351 min Scan# 197
Delta R.T. -0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 42 Resp: 116636

Ion	Ratio	Lower	Upper
42	100		
74	111.5	90.9	136.3
44	6.8	5.8	8.6



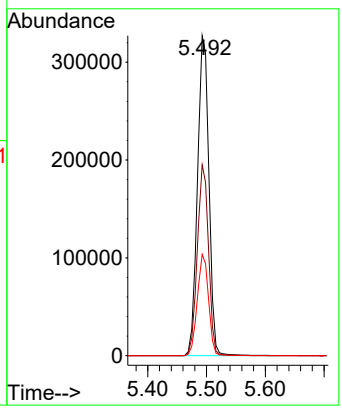


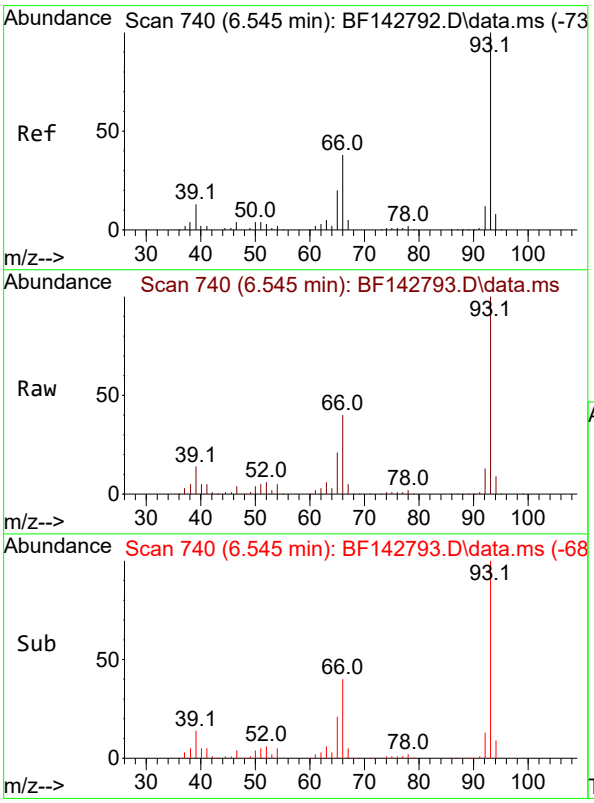
#5
2-Fluorophenol
Concen: 107.674 ng
RT: 5.492 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 441114

Ion	Ratio	Lower	Upper
112	100		
64	59.6	48.2	72.2
63	31.6	25.7	38.5

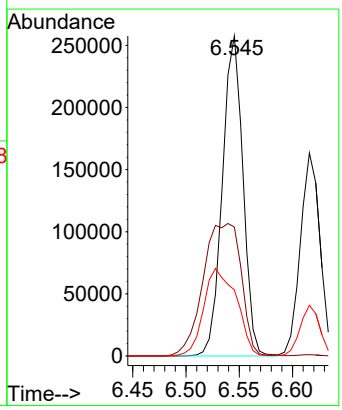


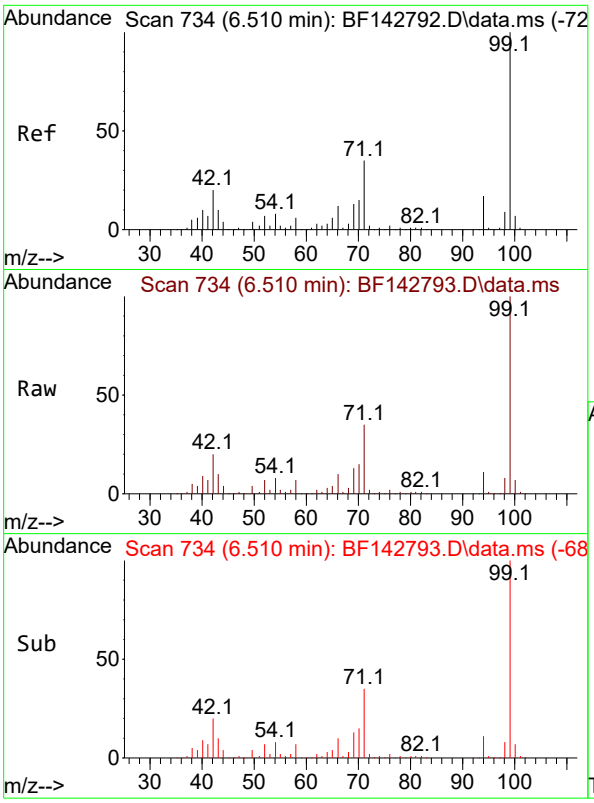


#6
Aniline
Concen: 53.700 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 93 Resp: 346211

Ion	Ratio	Lower	Upper
93	100		
66	40.3	31.8	47.6
65	20.7	16.2	24.2



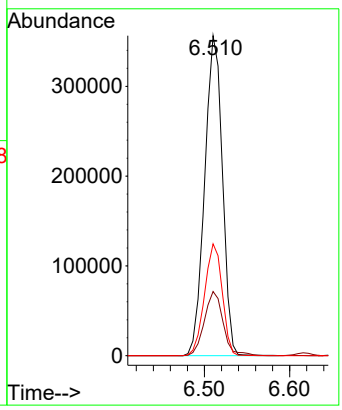


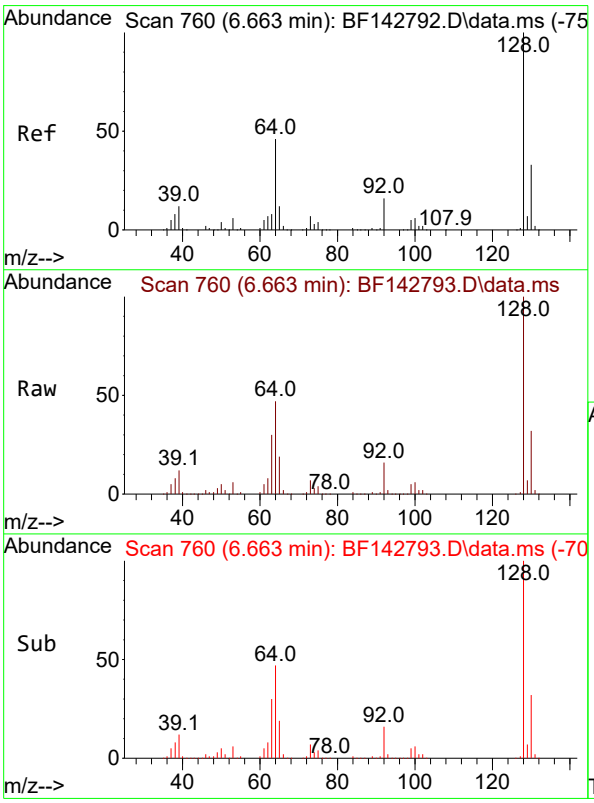
#7
Phenol-d6
Concen: 107.451 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 516909

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.9	23.9
71	34.9	27.8	41.8

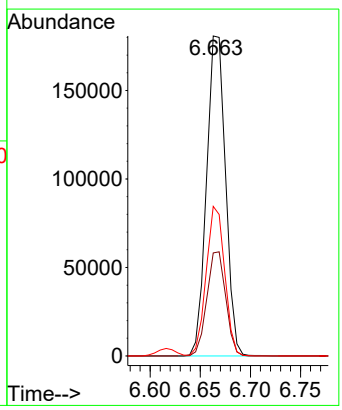


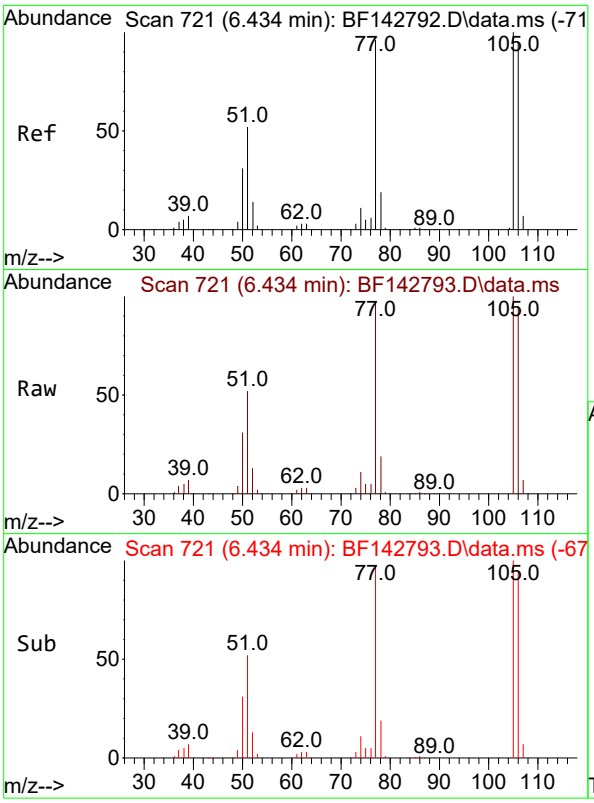


#8
2-Chlorophenol
Concen: 53.507 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:128 Resp: 238691

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	46.8	26.5	66.5



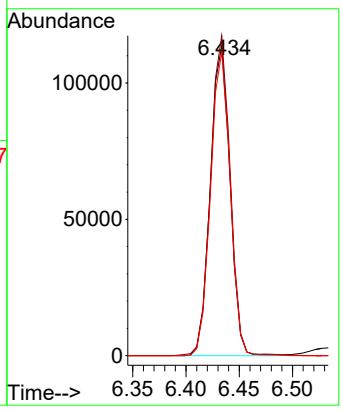


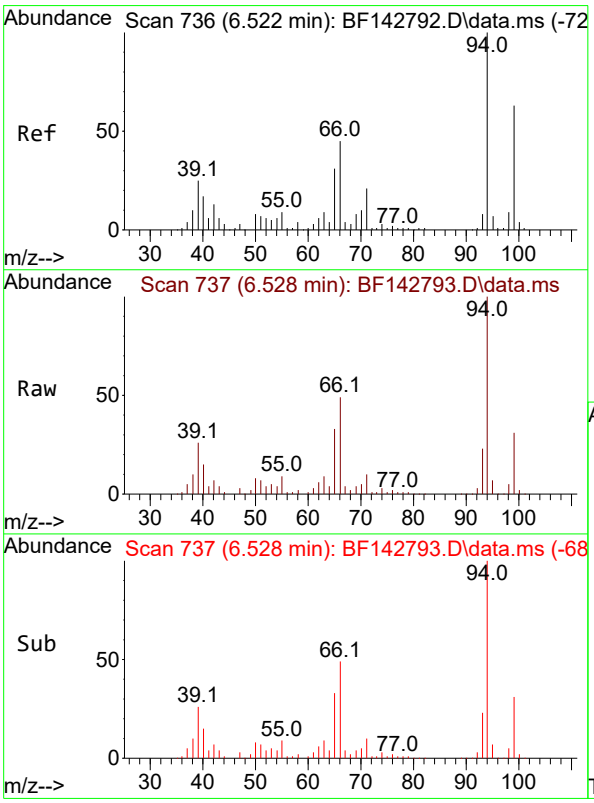
#9
Benzaldehyde
Concen: 49.583 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 145420

Ion	Ratio	Lower	Upper
77	100		
105	103.2	83.8	123.8
106	98.0	78.7	118.7

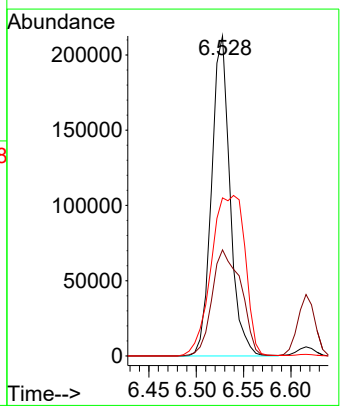


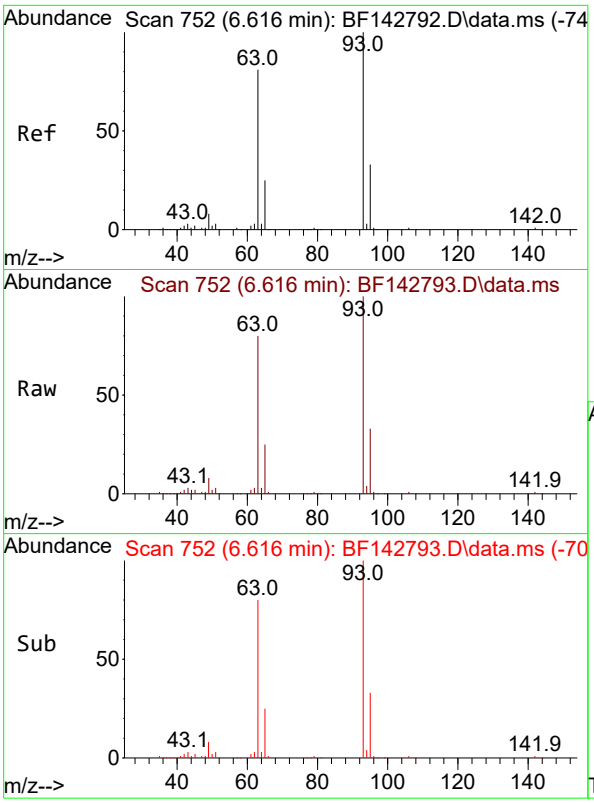


#10
Phenol
Concen: 53.781 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 94 Resp: 288461

Ion	Ratio	Lower	Upper
94	100		
65	33.2	11.3	51.3
66	49.4	24.9	64.9



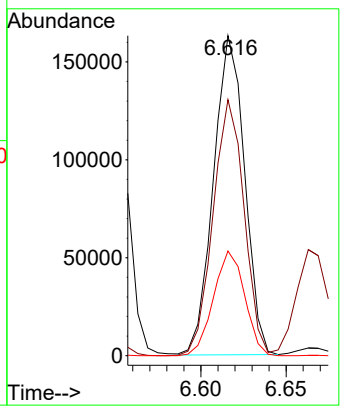


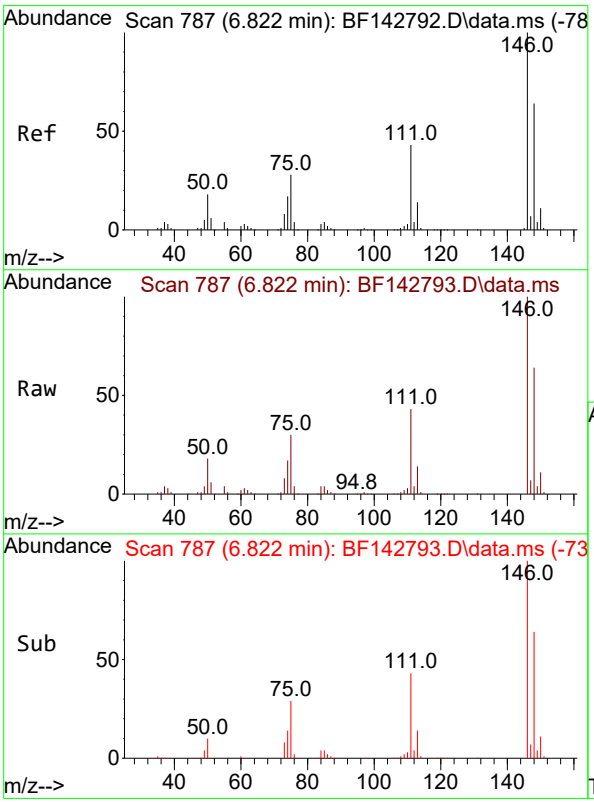
#11
bis(2-Chloroethyl)ether
Concen: 51.933 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 206661

Ion	Ratio	Lower	Upper
93	100		
63	80.0	60.3	100.3
95	32.7	12.5	52.5

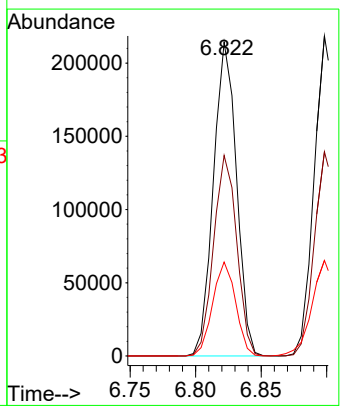


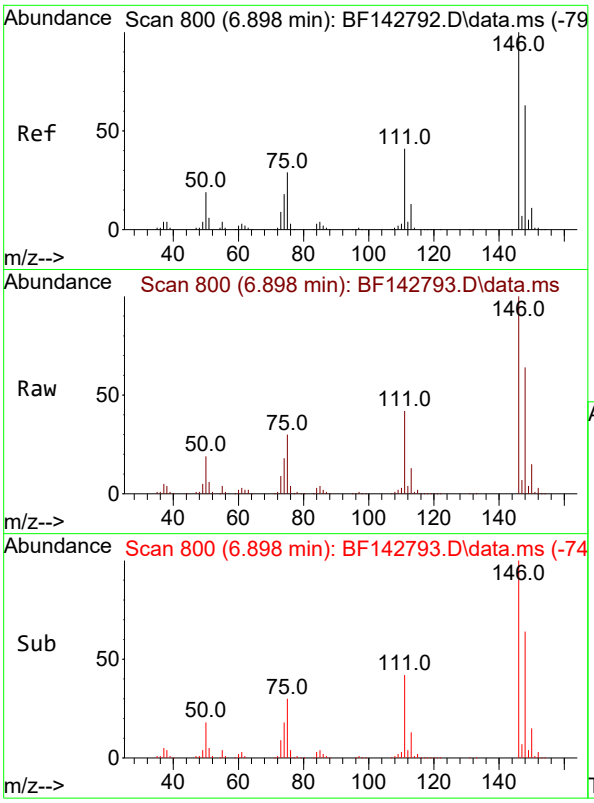


#12
1,3-Dichlorobenzene
Concen: 51.598 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:146 Resp: 262098

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
75	29.9	22.7	34.1



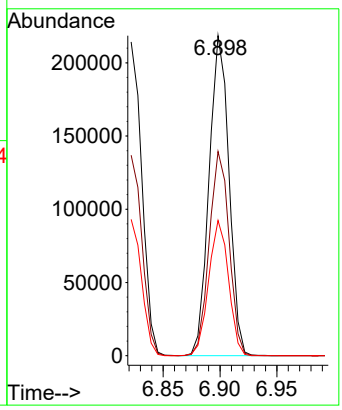


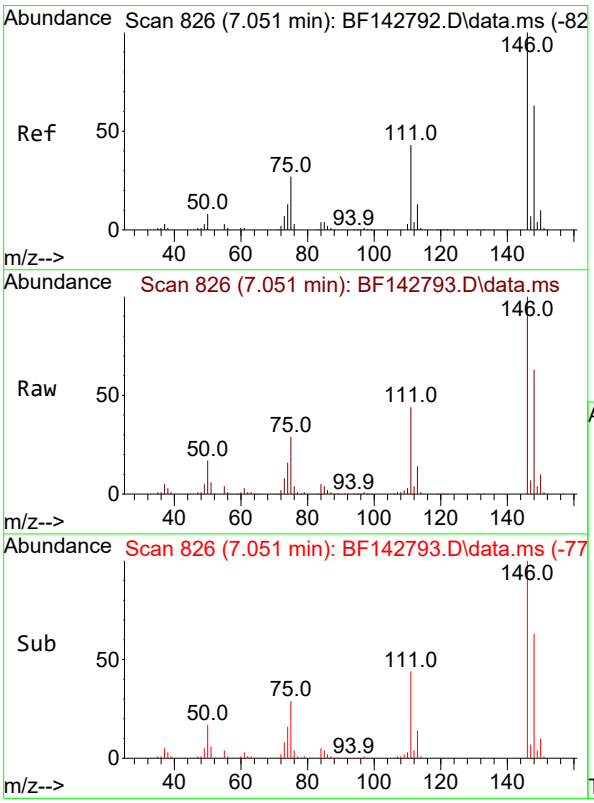
#13
1,4-Dichlorobenzene
Concen: 51.685 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 266098

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.2
111	42.2	33.2	49.8

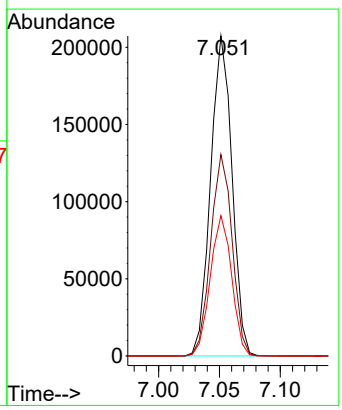


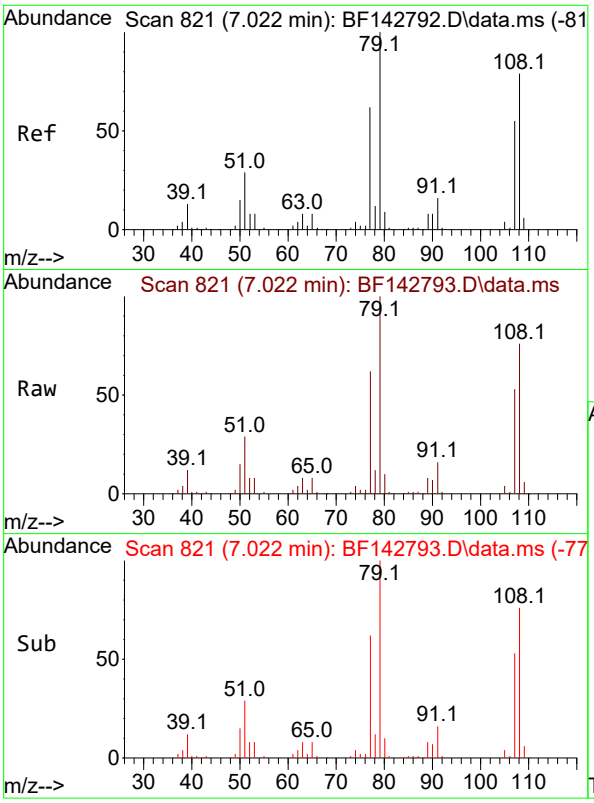


#14
1,2-Dichlorobenzene
Concen: 51.487 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:146 Resp: 253411

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.4	75.6
111	43.9	34.1	51.1



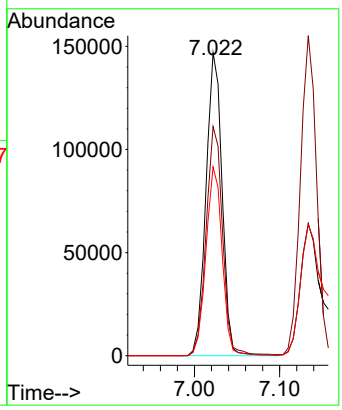


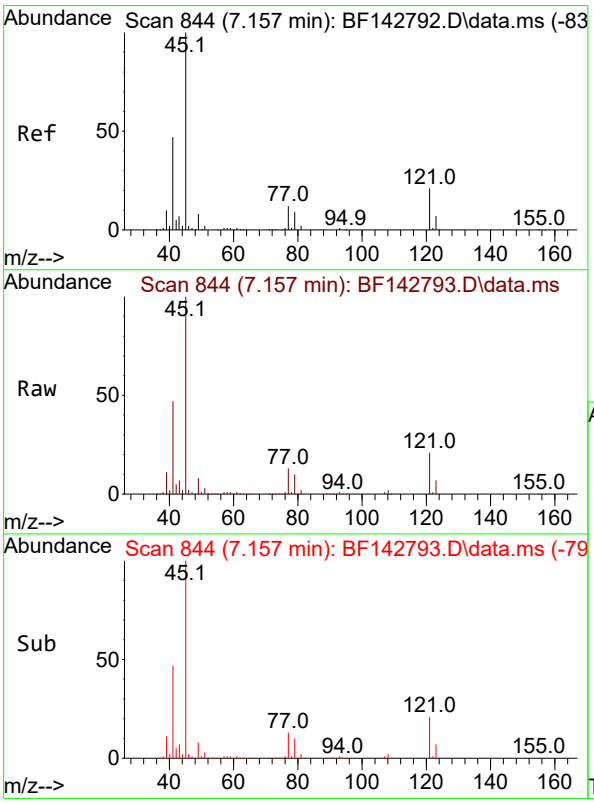
#15
Benzyl Alcohol
Concen: 53.677 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 193284

Ion	Ratio	Lower	Upper
79	100		
108	75.6	63.4	95.0
77	62.4	49.5	74.3

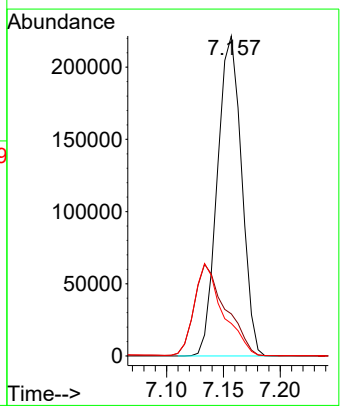


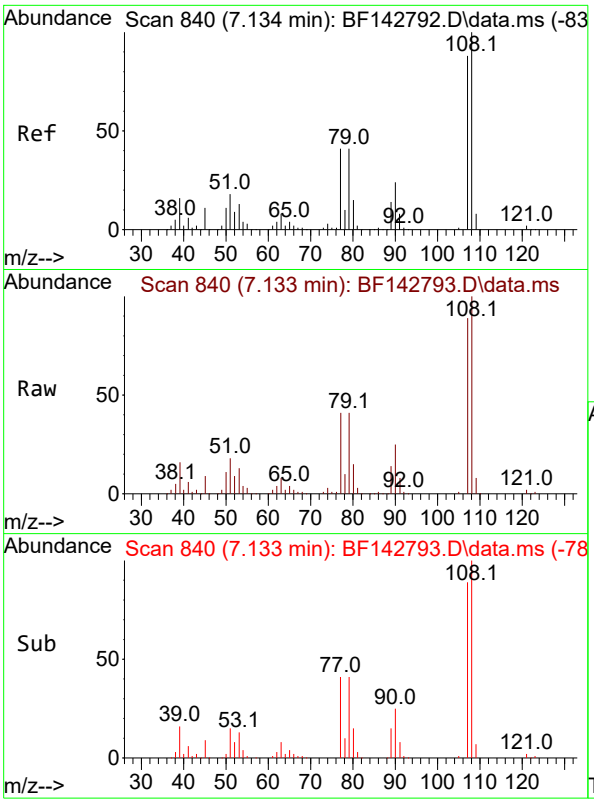


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.354 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 45 Resp: 328251

Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	32.8
79	10.2	0.0	29.8



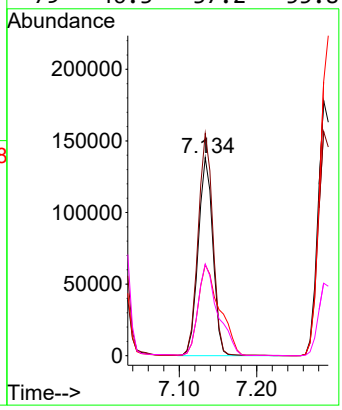


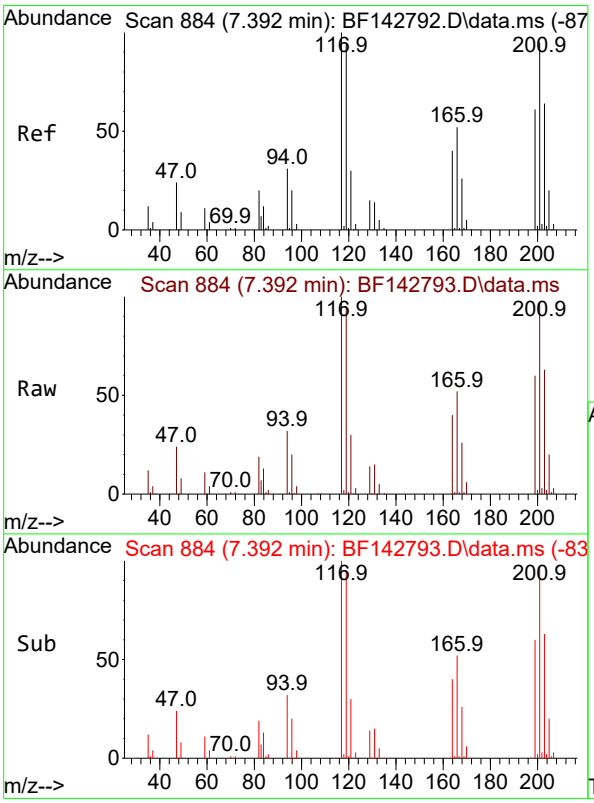
#17
2-Methylphenol
Concen: 53.415 ng
RT: 7.133 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 182167

Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.9	136.3
77	45.9	37.3	55.9
79	46.3	37.2	55.8

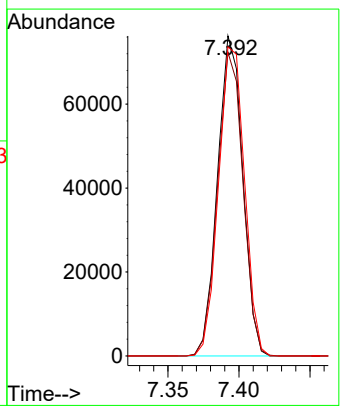


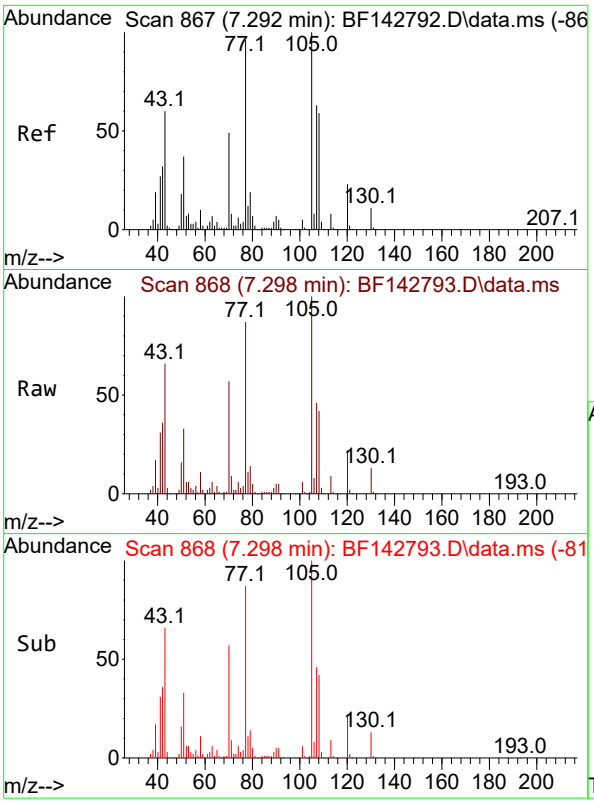


#18
Hexachloroethane
Concen: 51.126 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:117 Resp: 94097

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.4	113.0
201	96.6	75.9	113.9



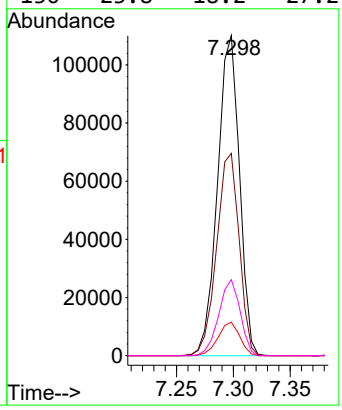


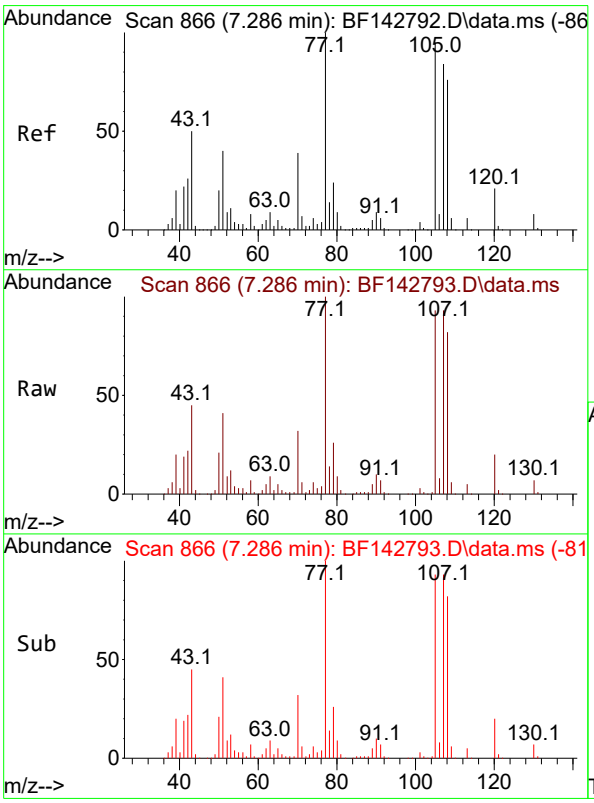
#19
n-Nitroso-di-n-propylamine
Concen: 48.753 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 147905

Ion	Ratio	Lower	Upper
70	100		
42	63.2	52.1	78.1
101	10.4	8.2	12.2
130	23.8	18.2	27.2

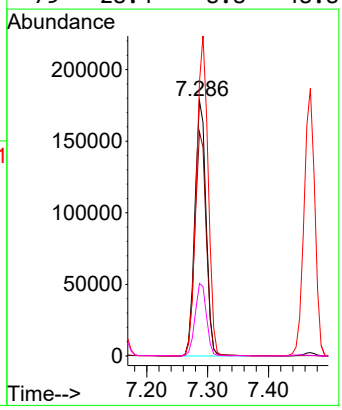


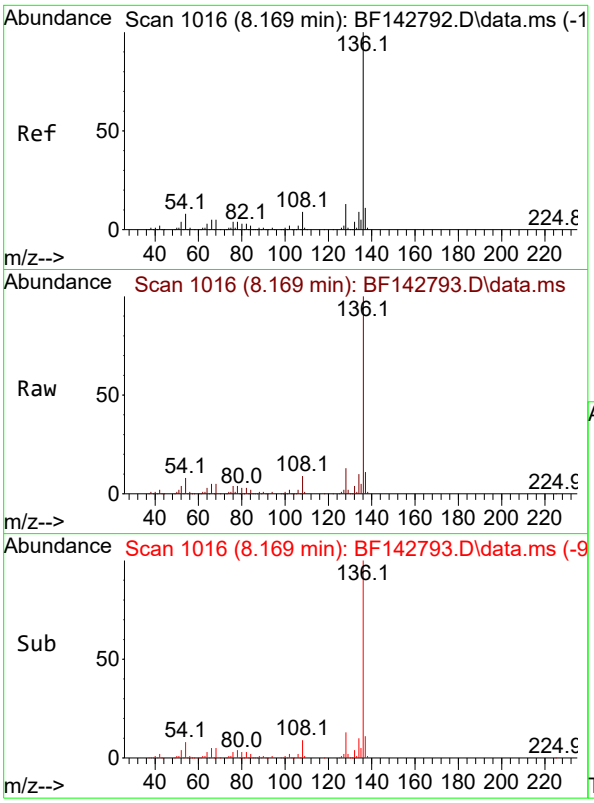


#20
3+4-Methylphenols
Concen: 53.390 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:107 Resp: 229169

Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.0	110.0
77	107.3	98.5	138.5
79	28.4	8.8	48.8



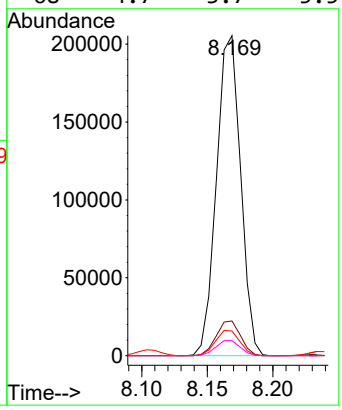


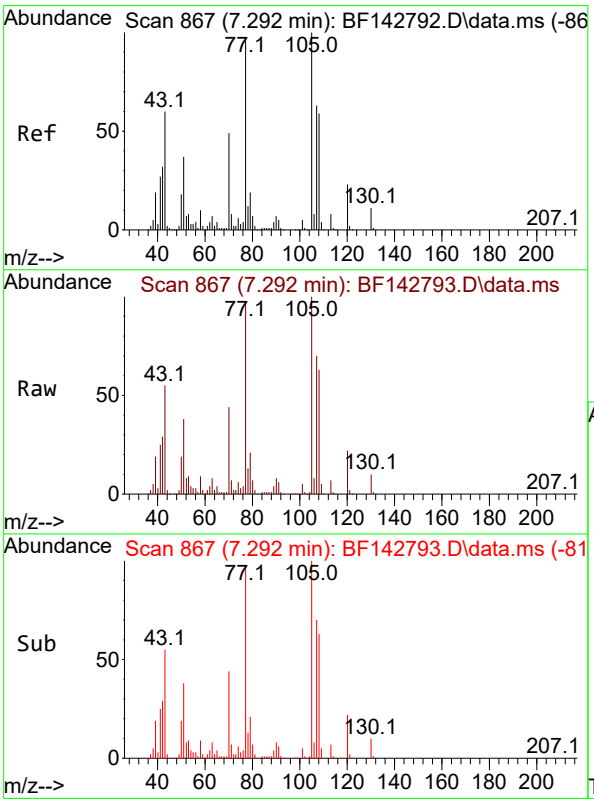
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 262911

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.7	6.3	9.5
68	4.7	3.7	5.5

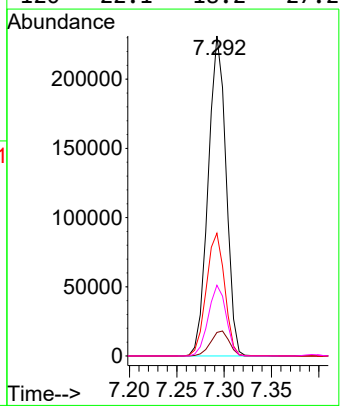


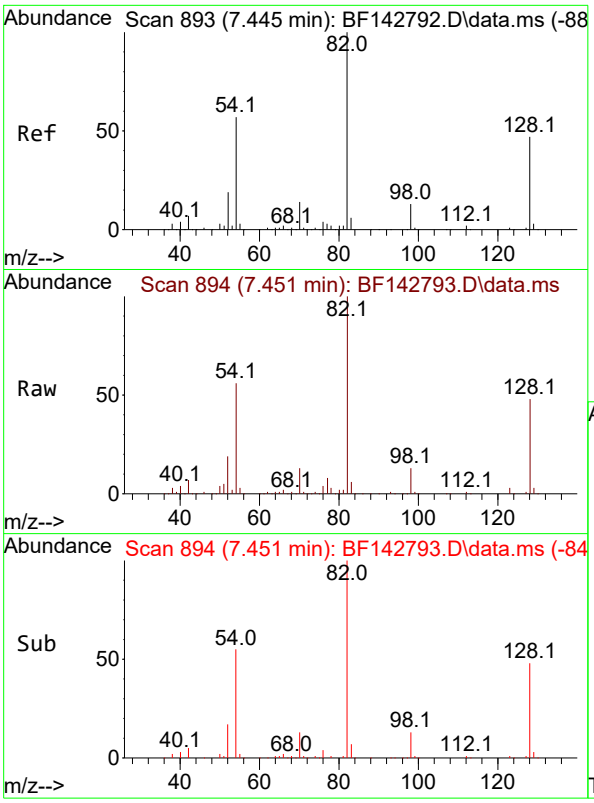


#22
Acetophenone
Concen: 52.102 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:105 Resp: 303087

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.5	9.7
51	38.4	29.8	44.8
120	22.1	18.2	27.2



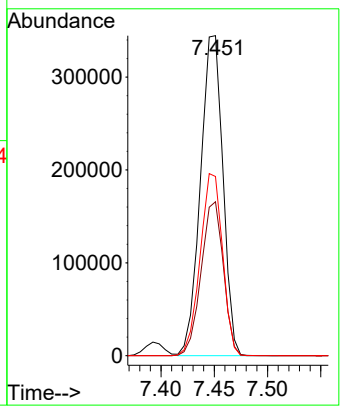


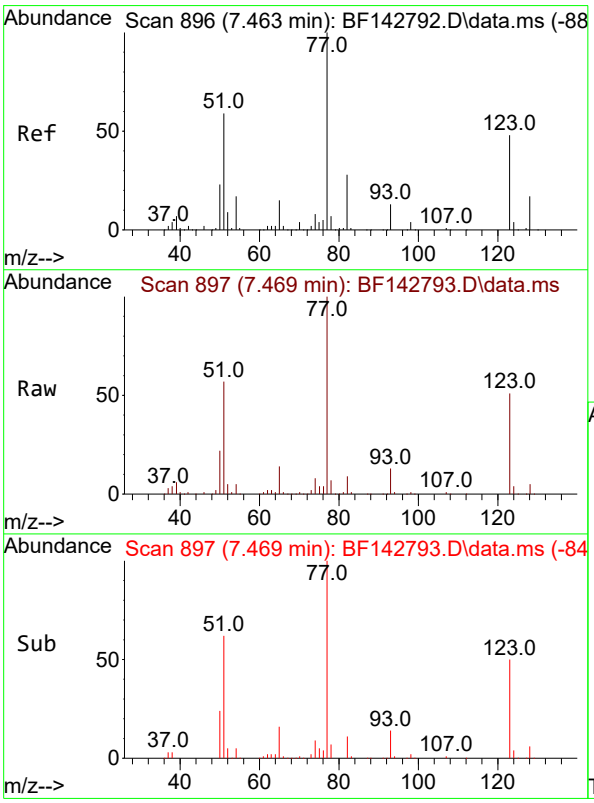
#23
Nitrobenzene-d5
Concen: 105.669 ng
RT: 7.451 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 506846

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.7	56.5
54	56.0	45.7	68.5

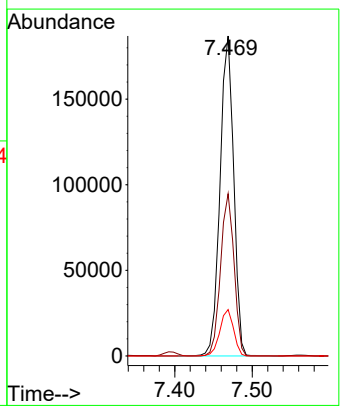


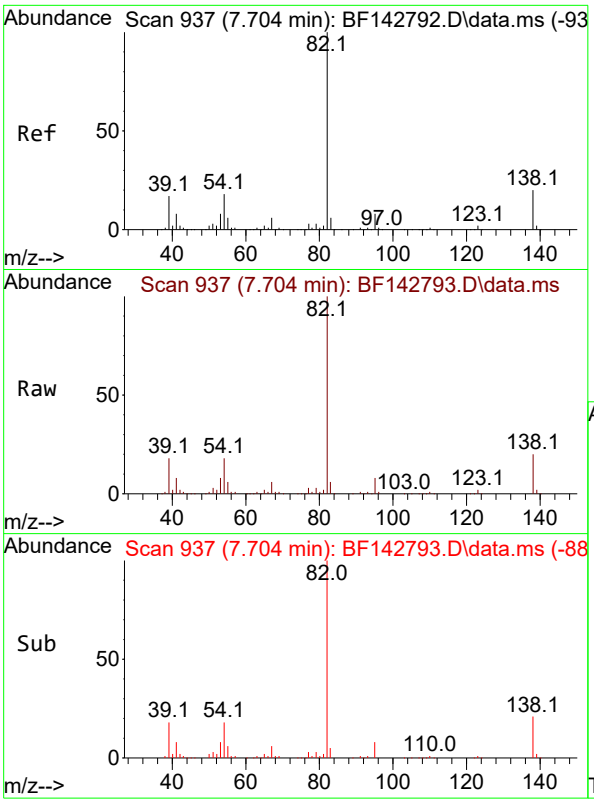


#24
Nitrobenzene
Concen: 53.773 ng
RT: 7.469 min Scan# 897
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 77 Resp: 229219

Ion	Ratio	Lower	Upper
77	100		
123	50.7	39.2	58.8
65	14.5	11.6	17.4



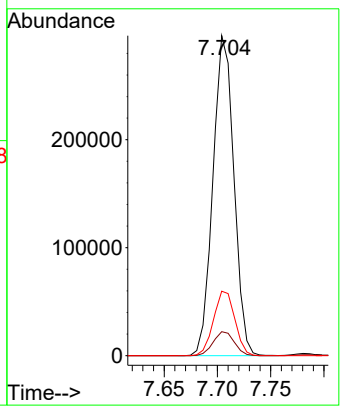


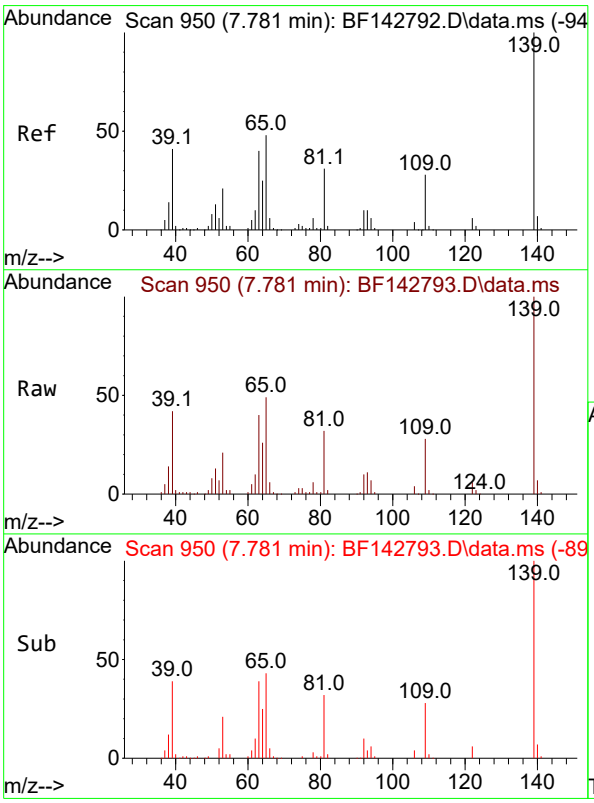
#25
Isophorone
Concen: 50.334 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 404886

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.2	9.2
138	20.2	16.2	24.4

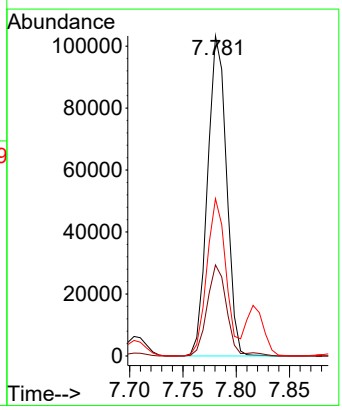


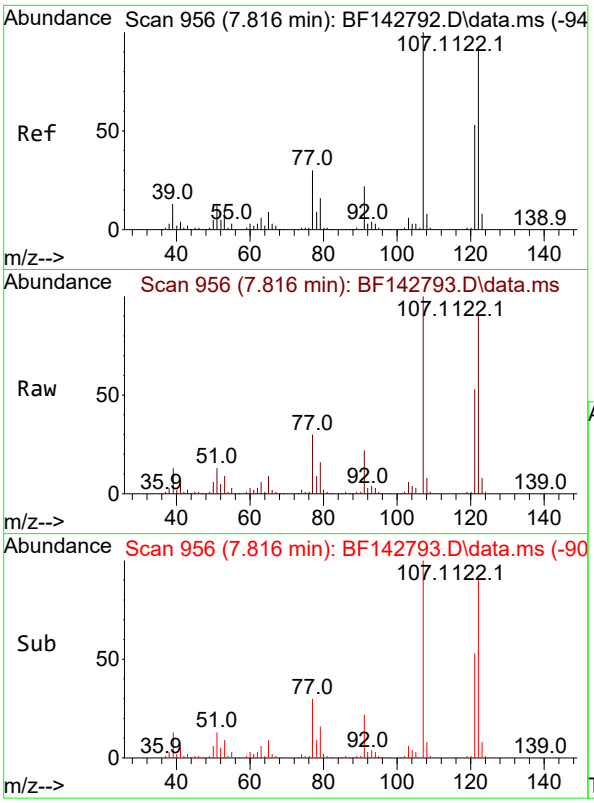


#26
2-Nitrophenol
Concen: 53.795 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:139 Resp: 127773

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.7	34.1
65	49.1	38.6	58.0



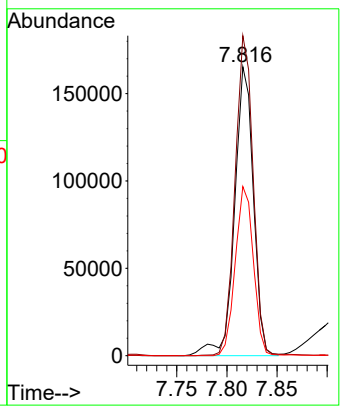


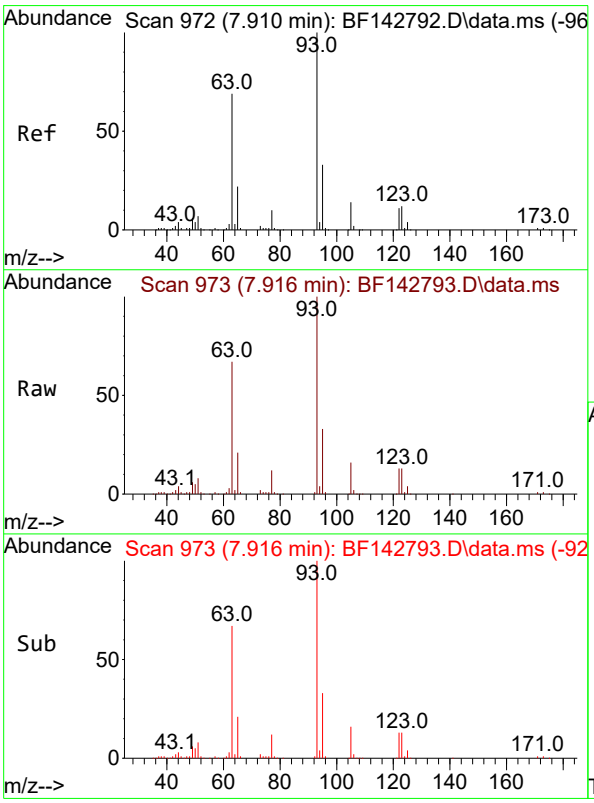
#27
2,4-Dimethylphenol
Concen: 53.466 ng
RT: 7.816 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 216204

Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.0	132.0
121	58.5	46.3	69.5

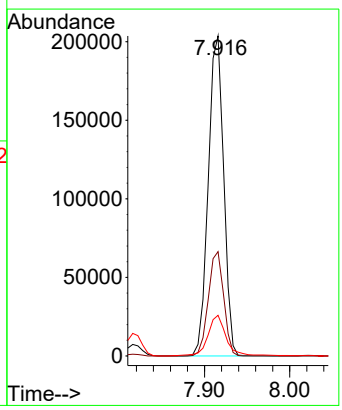


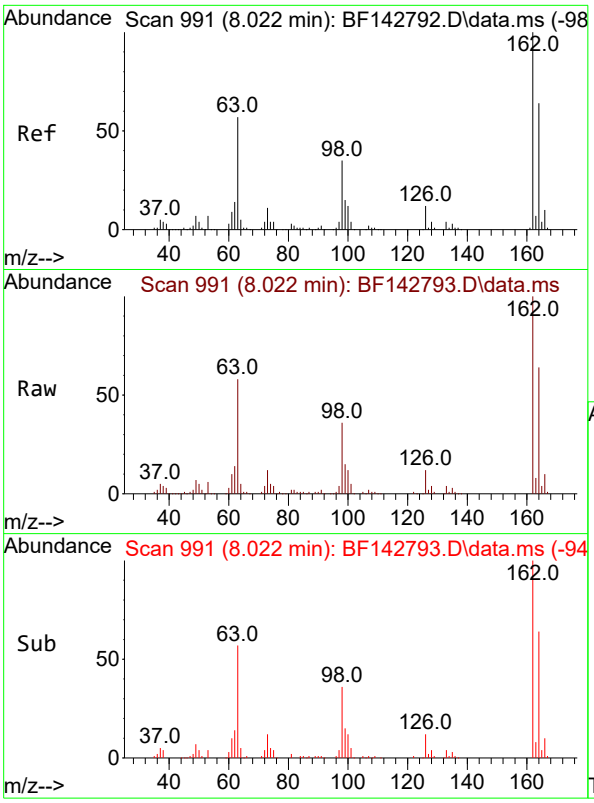


#28
bis(2-Chloroethoxy)methane
Concen: 51.148 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 93 Resp: 256119

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	12.7	9.9	14.9



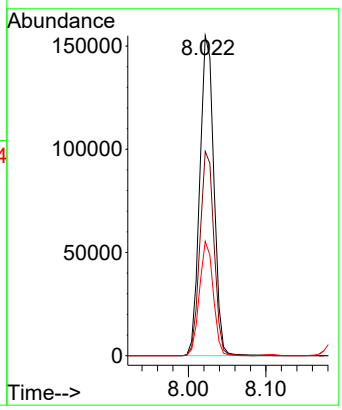


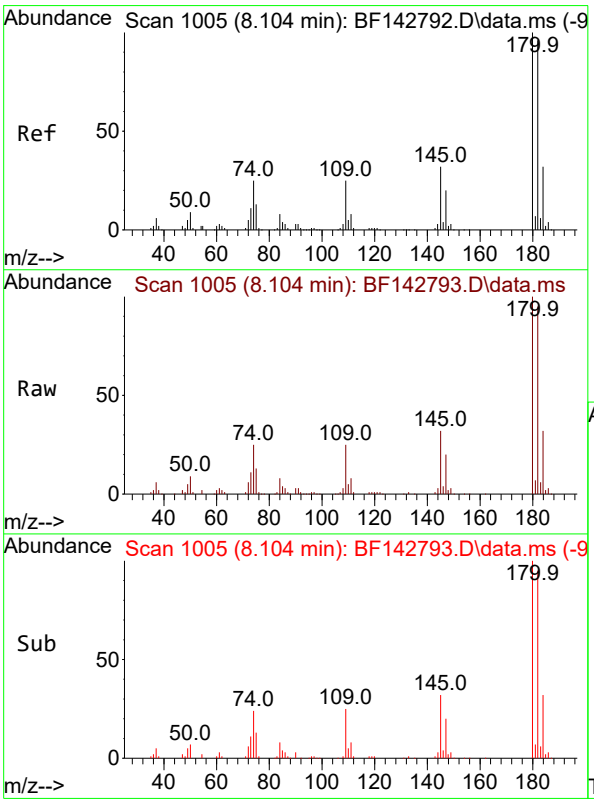
#29
2,4-Dichlorophenol
Concen: 52.478 ng
RT: 8.022 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 195589

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.0	84.0
98	35.8	15.4	55.4

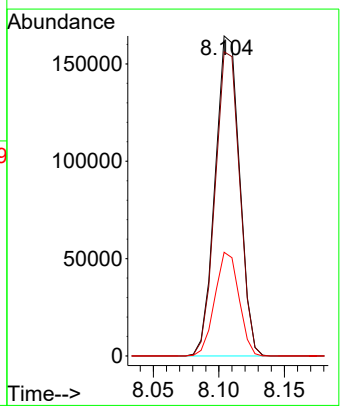


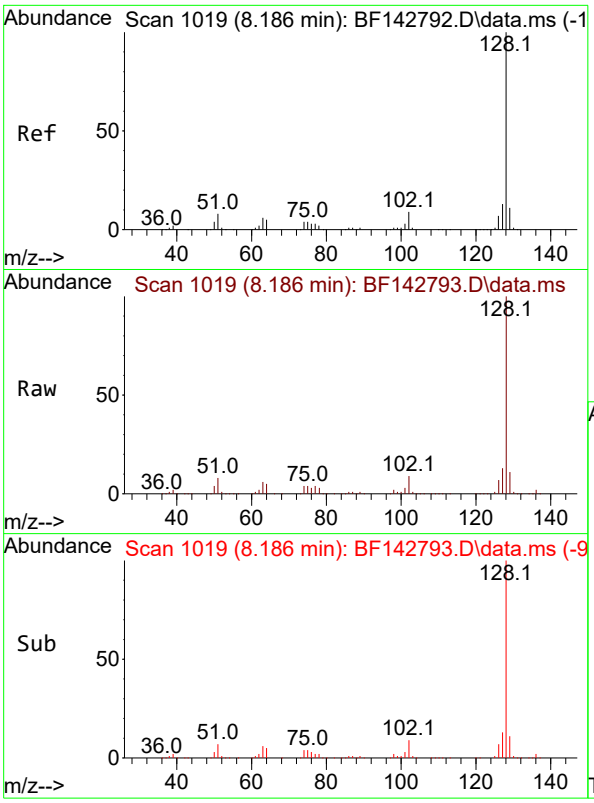


#30
1,2,4-Trichlorobenzene
Concen: 51.763 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:180 Resp: 213118

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	32.4	25.8	38.8



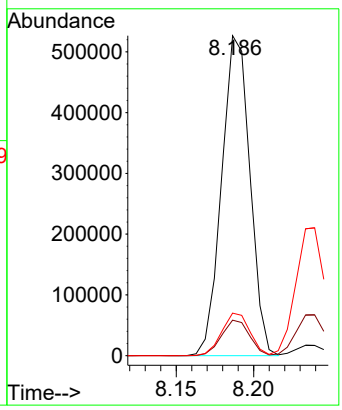


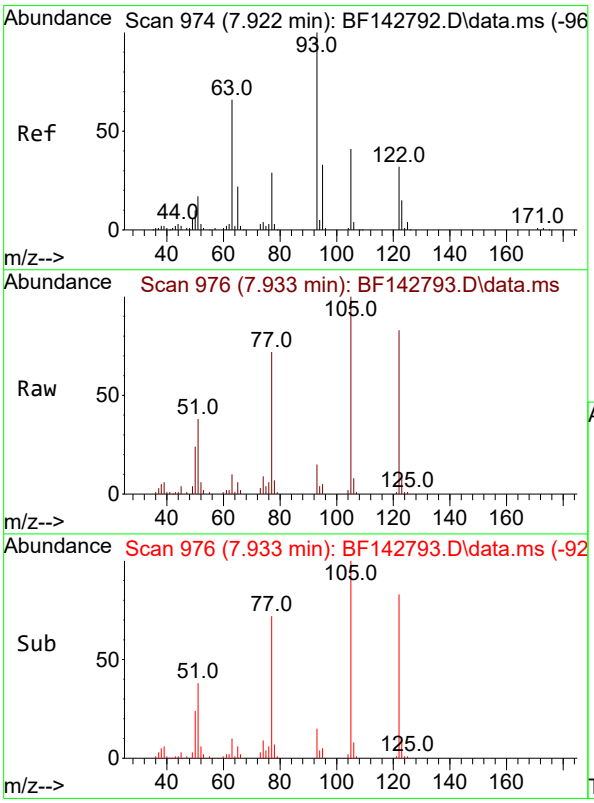
#31
Naphthalene
Concen: 51.717 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 668713

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.3	10.4	15.6

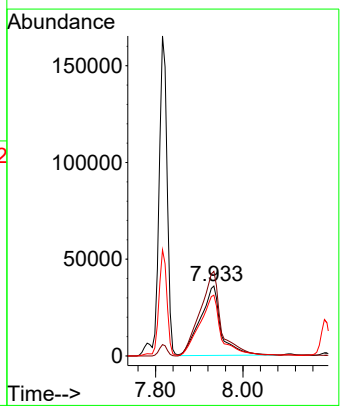


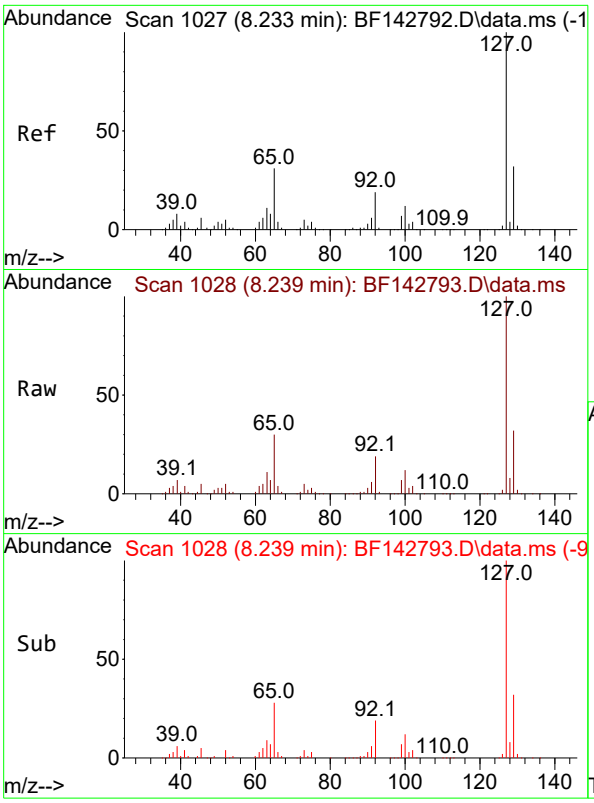


#32
Benzoic acid
Concen: 53.128 ng
RT: 7.933 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:122 Resp: 119196

Ion	Ratio	Lower	Upper
122	100		
105	121.1	104.7	144.7
77	87.0	70.2	110.2



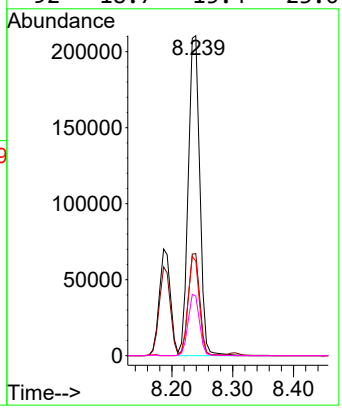


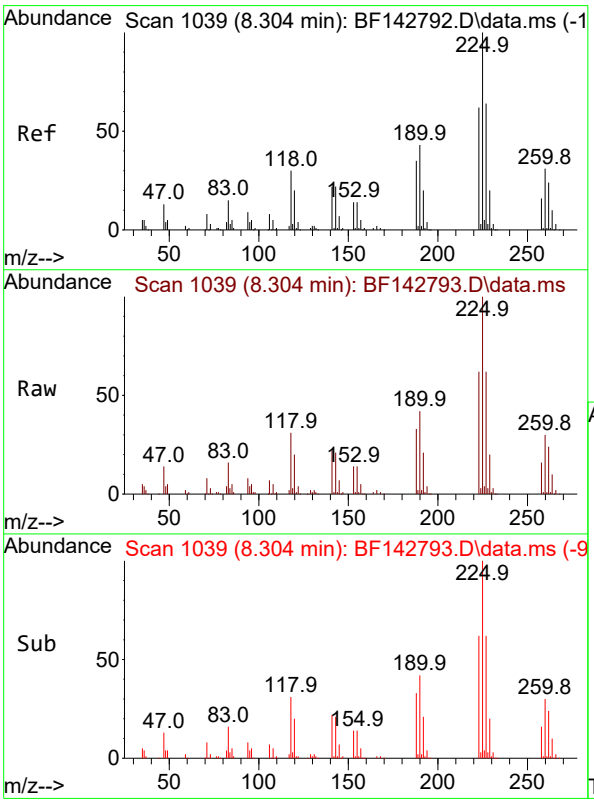
#33
4-Chloroaniline
Concen: 53.347 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 276441

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	29.6	24.6	36.8
92	18.7	15.4	23.0

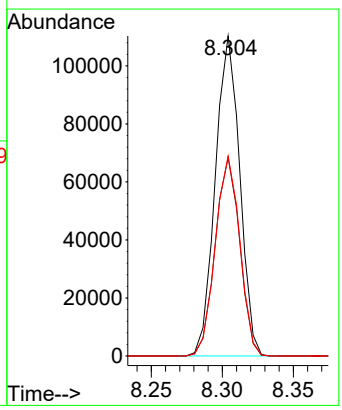


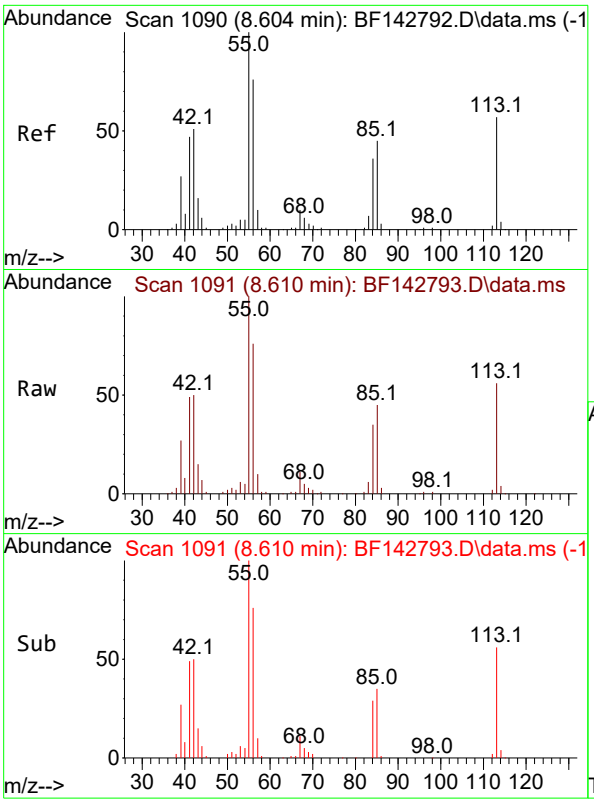


#34
Hexachlorobutadiene
Concen: 50.481 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:225 Resp: 131697

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.9	74.9
227	62.4	51.4	77.0



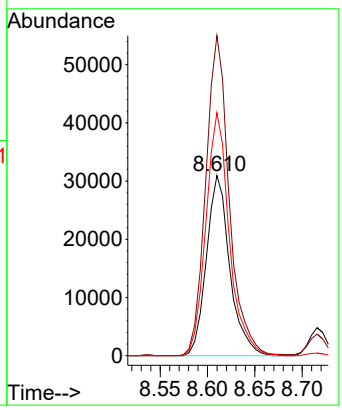


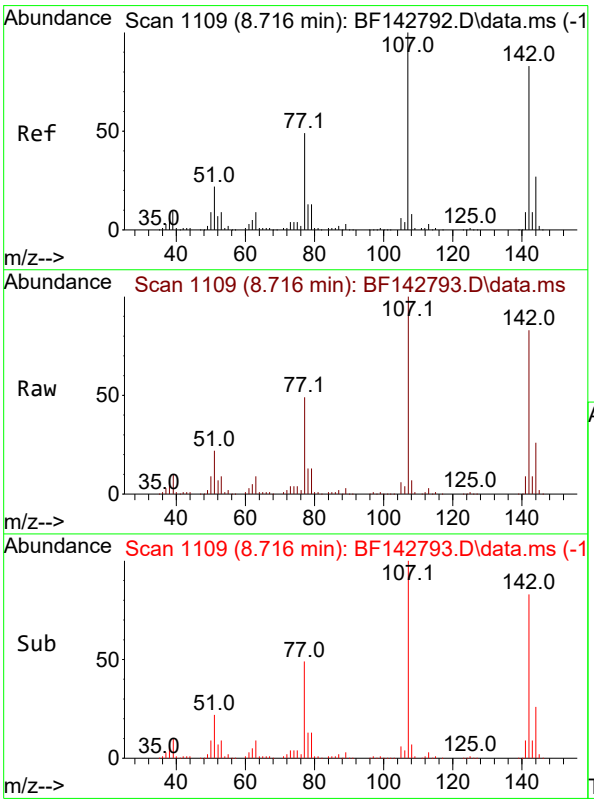
#35
Caprolactam
Concen: 52.873 ng
RT: 8.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 53024

Ion	Ratio	Lower	Upper
113	100		
55	177.6	154.4	194.4
56	134.9	112.1	152.1

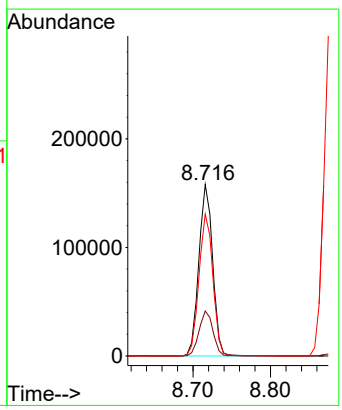


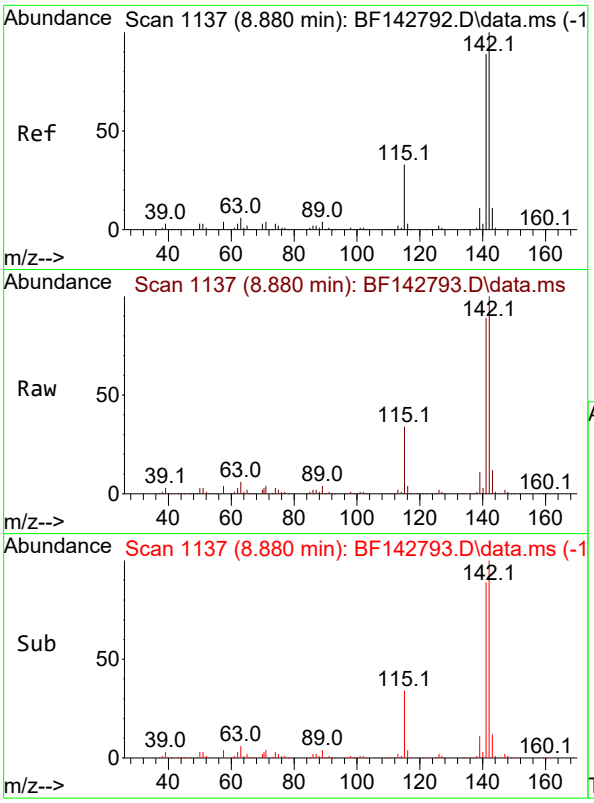


#36
4-Chloro-3-methylphenol
Concen: 50.843 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:107 Resp: 195744

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.3	31.9
142	82.9	66.6	100.0



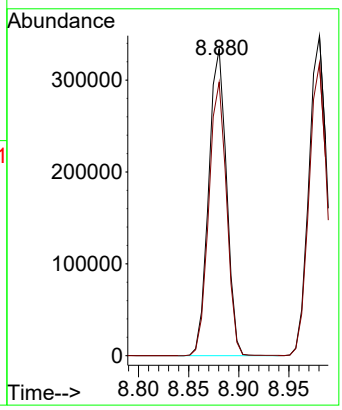


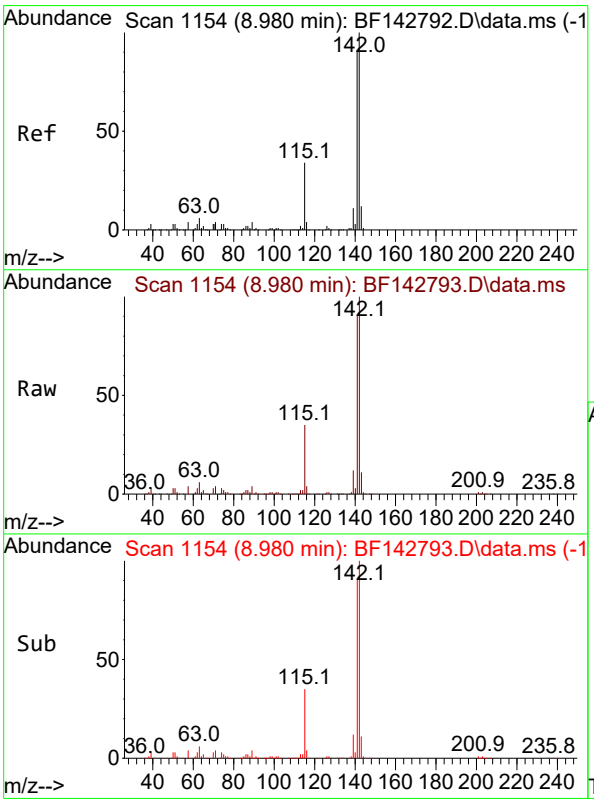
#37
2-Methylnaphthalene
Concen: 50.859 ng
RT: 8.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 414854

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.9	106.3

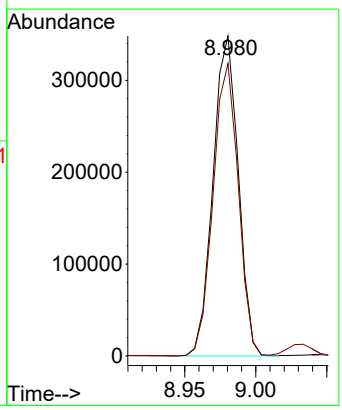


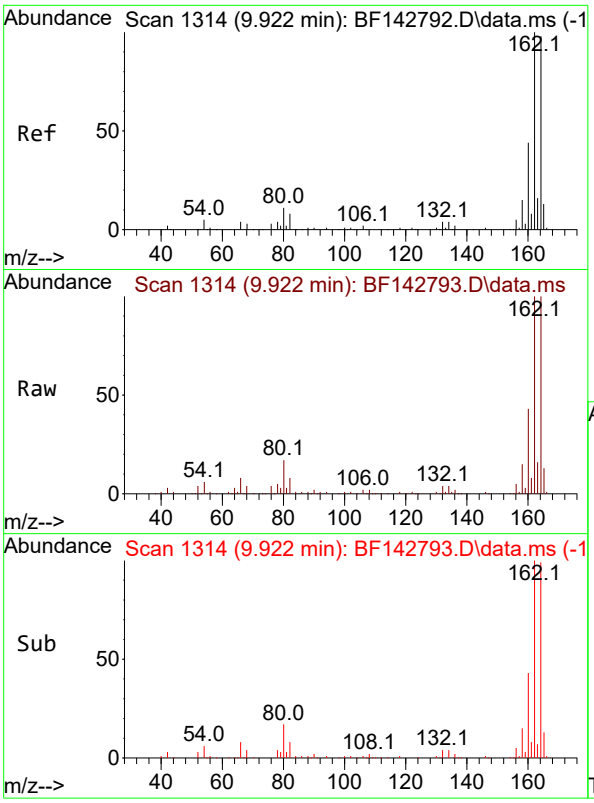


#38
1-Methylnaphthalene
Concen: 50.792 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:142 Resp: 430144

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.4



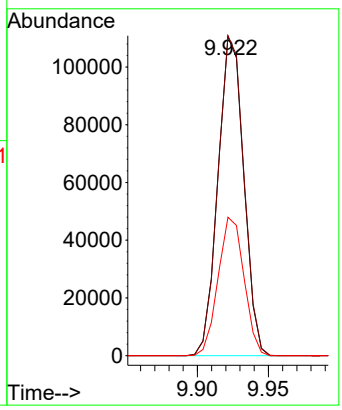


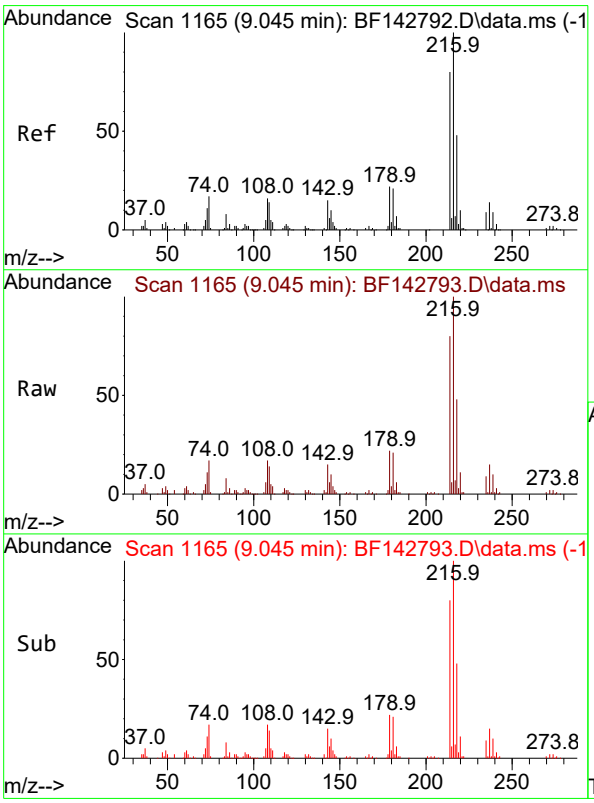
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 139156

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.8	122.8
160	43.4	36.0	54.0

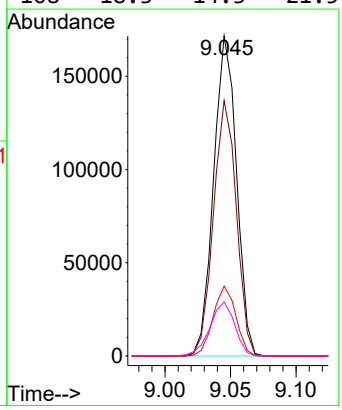


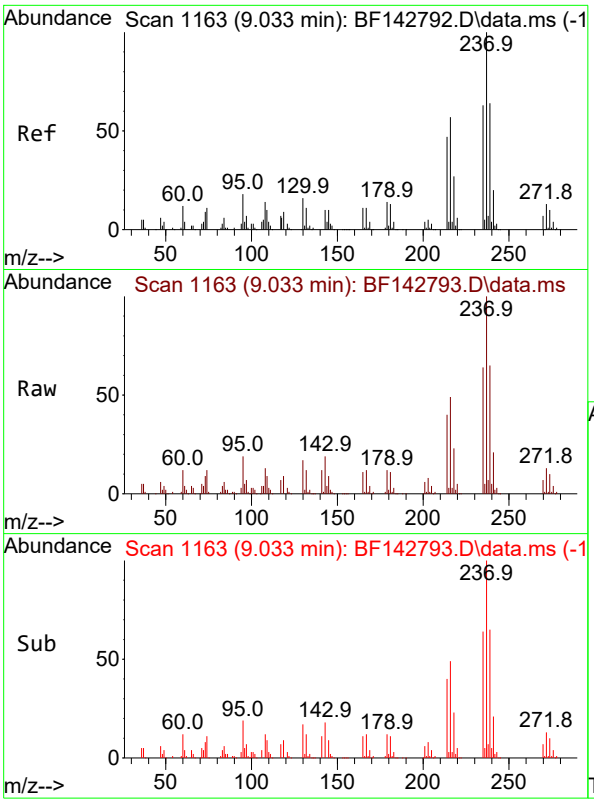


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.779 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:216 Resp: 207997

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.7	95.5
179	21.6	17.6	26.4
108	18.3	14.3	21.5



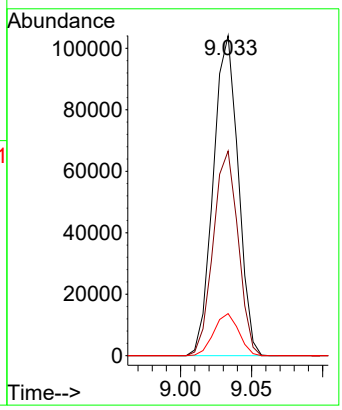


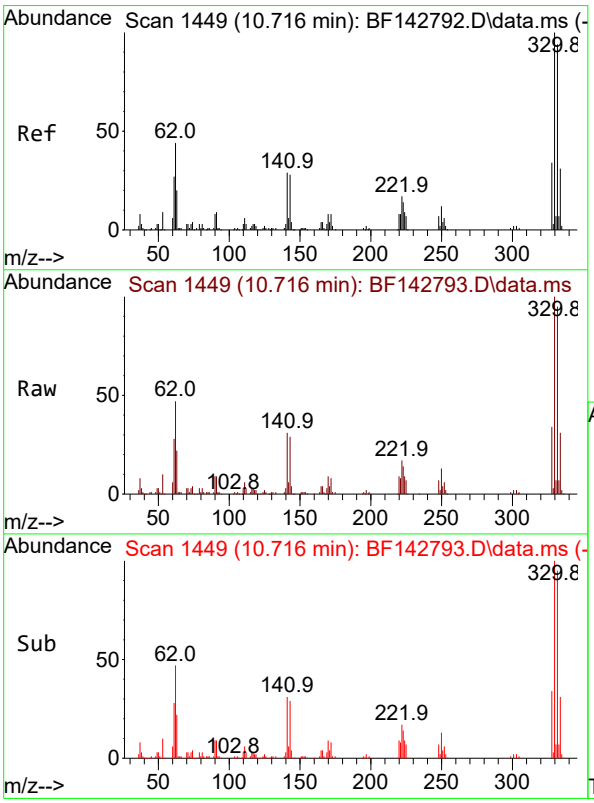
#41
Hexachlorocyclopentadiene
Concen: 50.012 ng
RT: 9.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 127033

Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.4	83.4
272	13.2	0.0	32.7

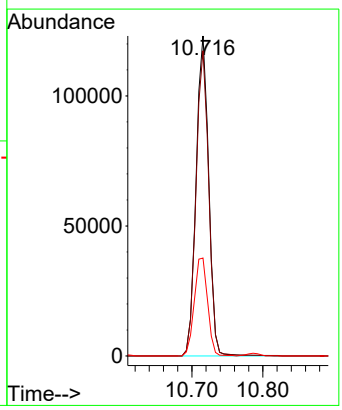


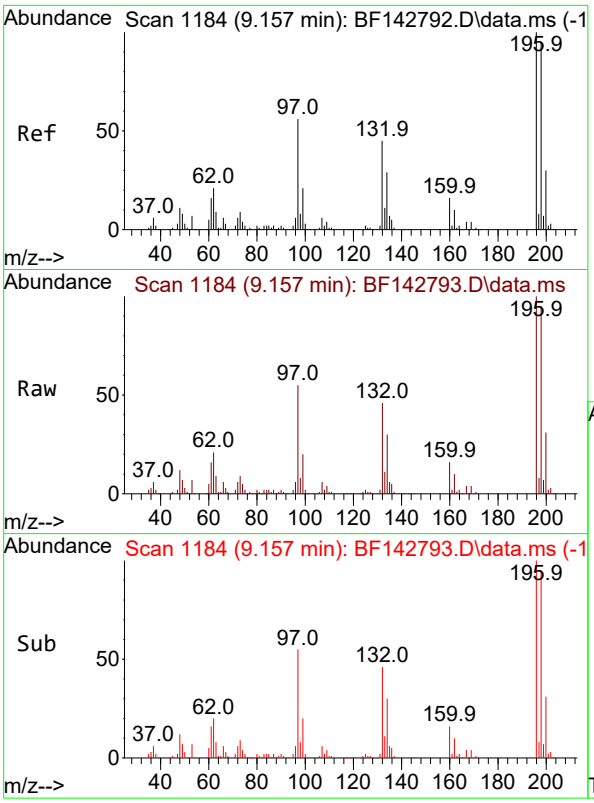


#42
2,4,6-Tribromophenol
Concen: 100.743 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:330 Resp: 152358

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.0	112.6
141	32.3	25.3	37.9



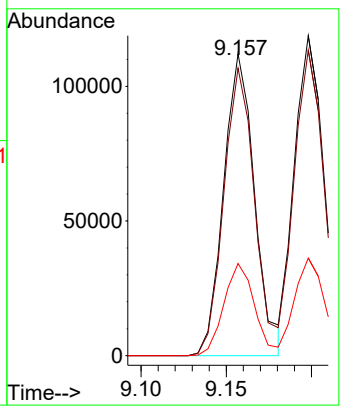


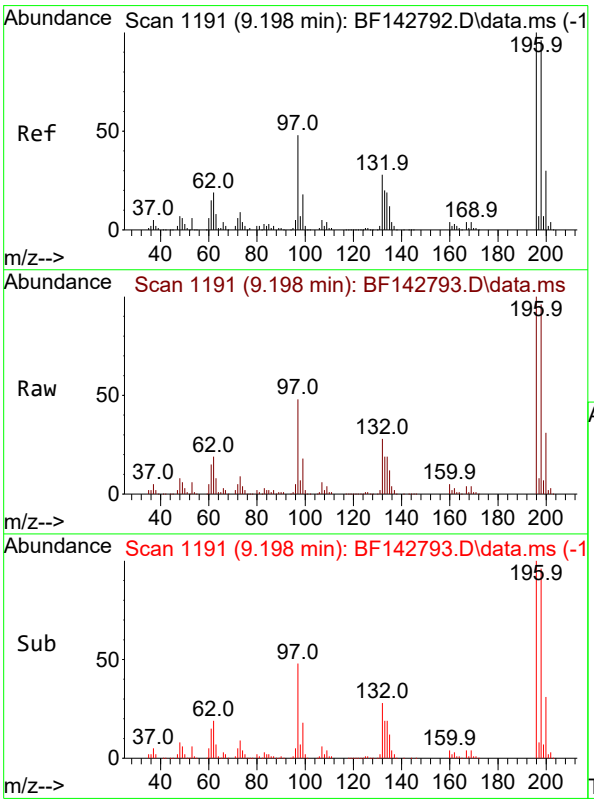
#43
2,4,6-Trichlorophenol
Concen: 54.597 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 141932

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.5	24.1	36.1

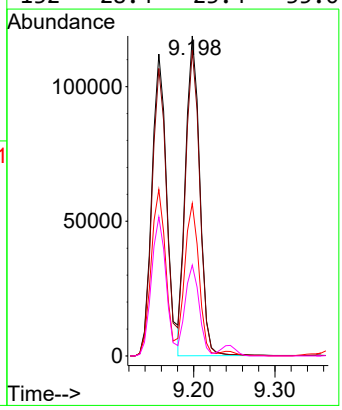


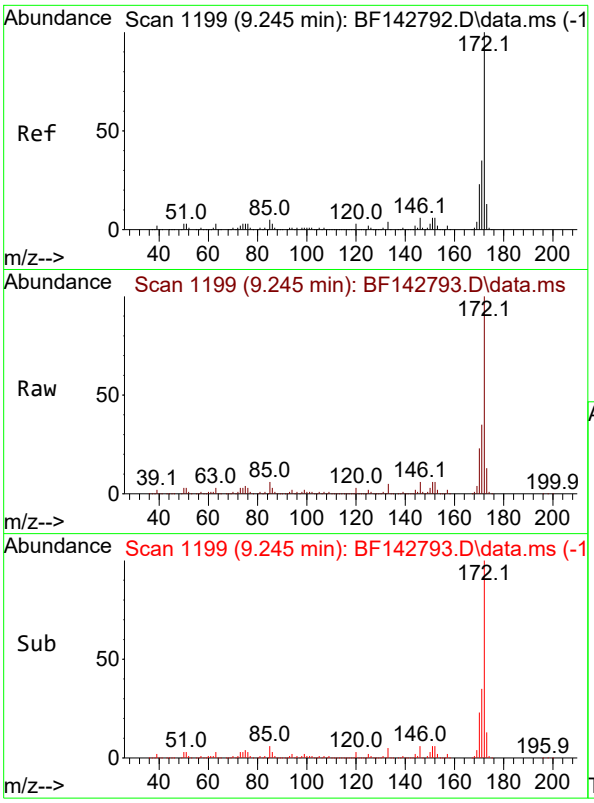


#44
2,4,5-Trichlorophenol
Concen: 51.550 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:196 Resp: 144717

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.6	115.0
97	47.7	38.2	57.2
132	28.4	23.4	35.0



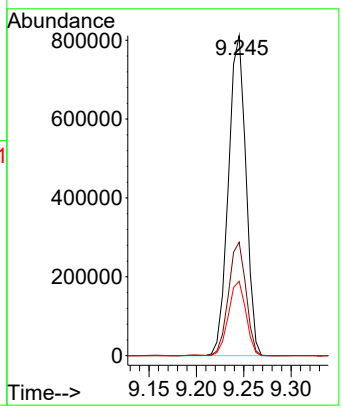


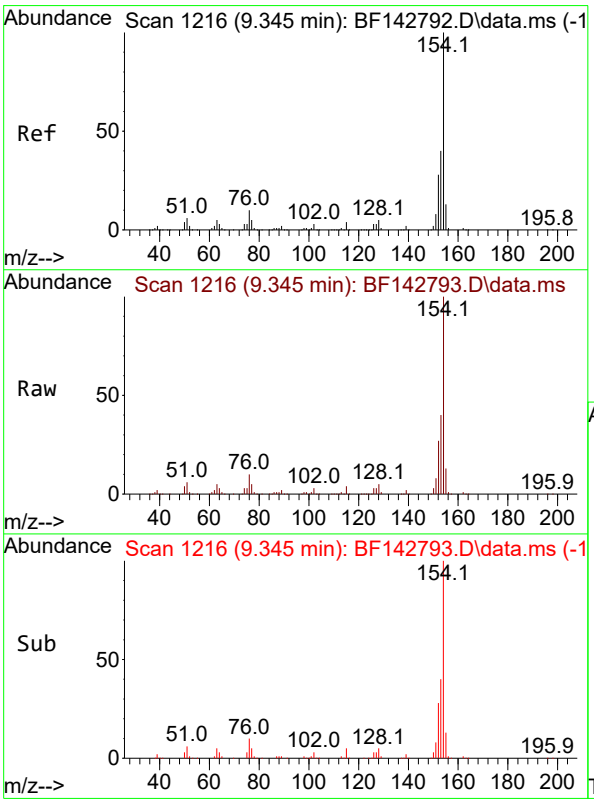
#45
2-Fluorobiphenyl
Concen: 99.755 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 1043477

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.3	18.5	27.7

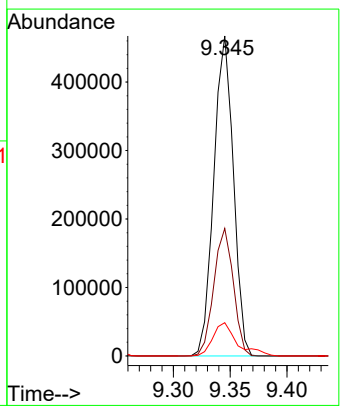


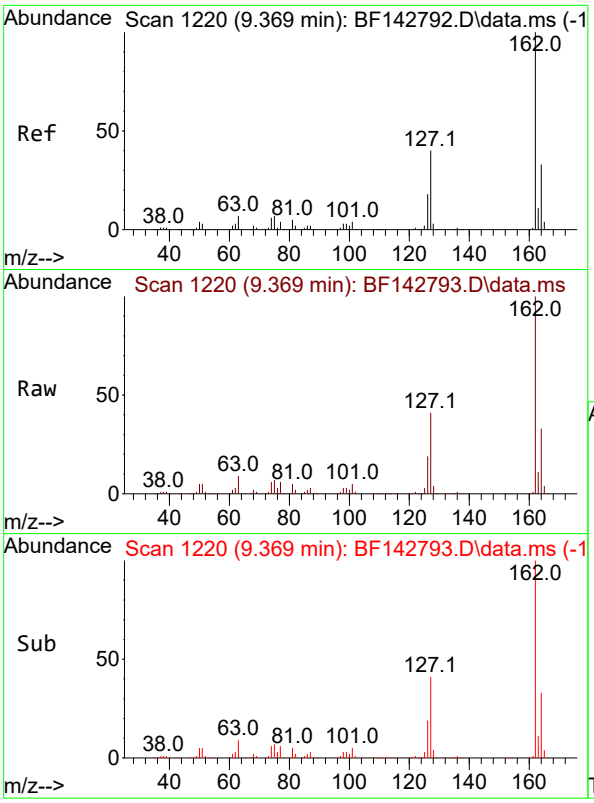


#46
1,1'-Biphenyl
Concen: 51.807 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:154 Resp: 559765

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	10.4	0.0	30.3



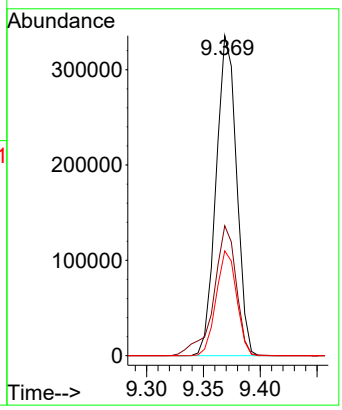


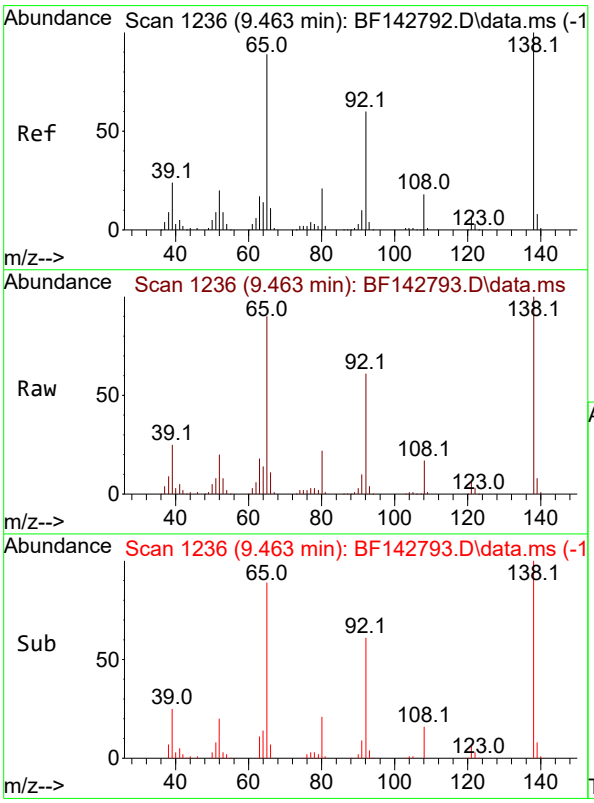
#47
2-Chloronaphthalene
Concen: 52.754 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 420603

Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.2	48.2
164	32.7	26.1	39.1

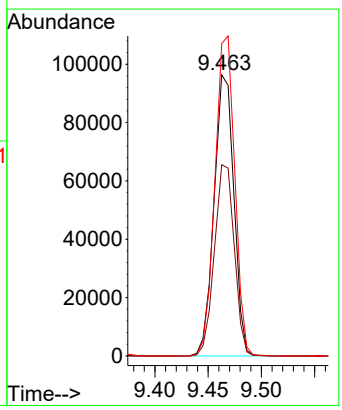


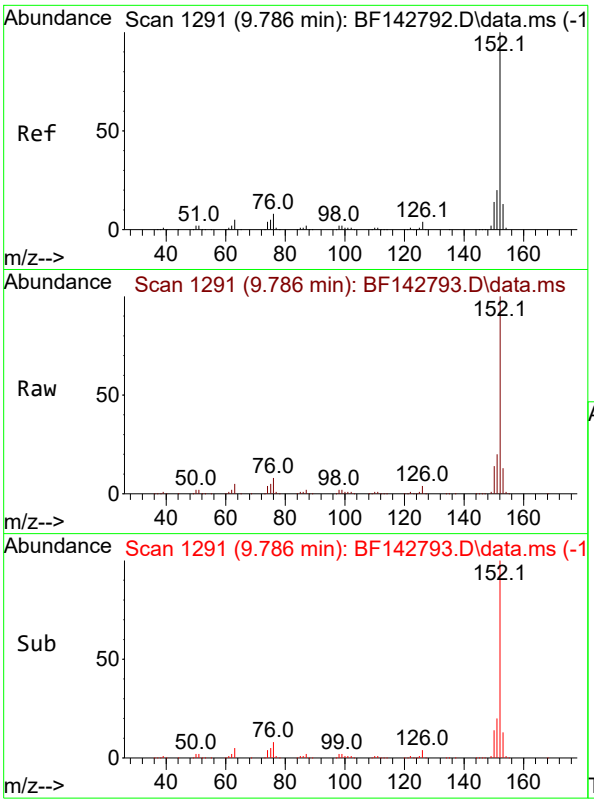


#48
2-Nitroaniline
Concen: 54.955 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 65 Resp: 124478

Ion	Ratio	Lower	Upper
65	100		
92	68.0	53.8	80.6
138	111.1	89.6	134.4



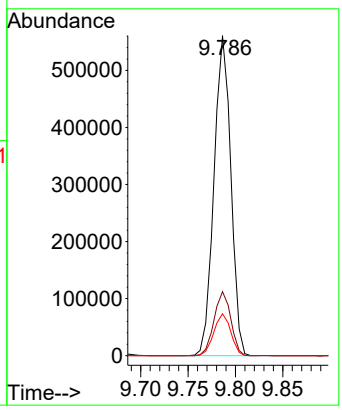


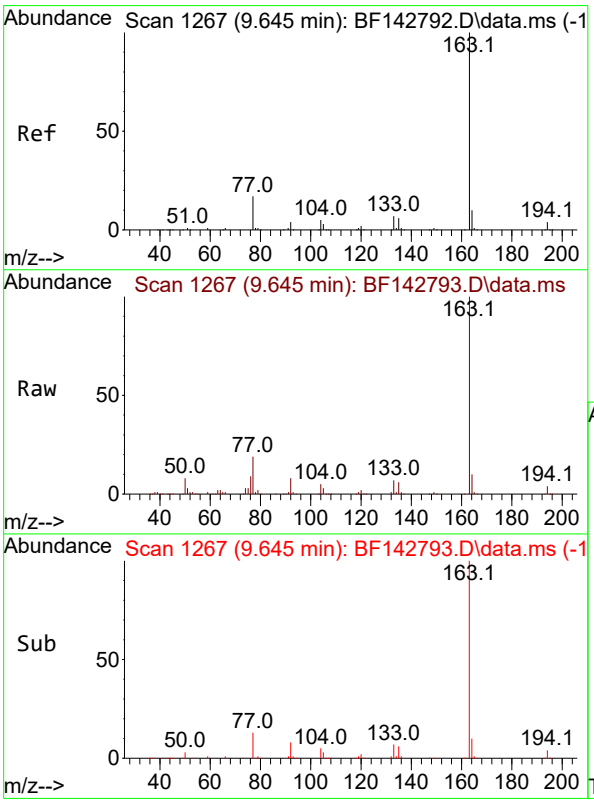
#49
Acenaphthylene
Concen: 51.783 ng
RT: 9.786 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 694098

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.1	10.4	15.6

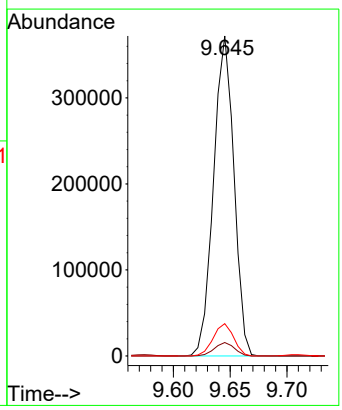


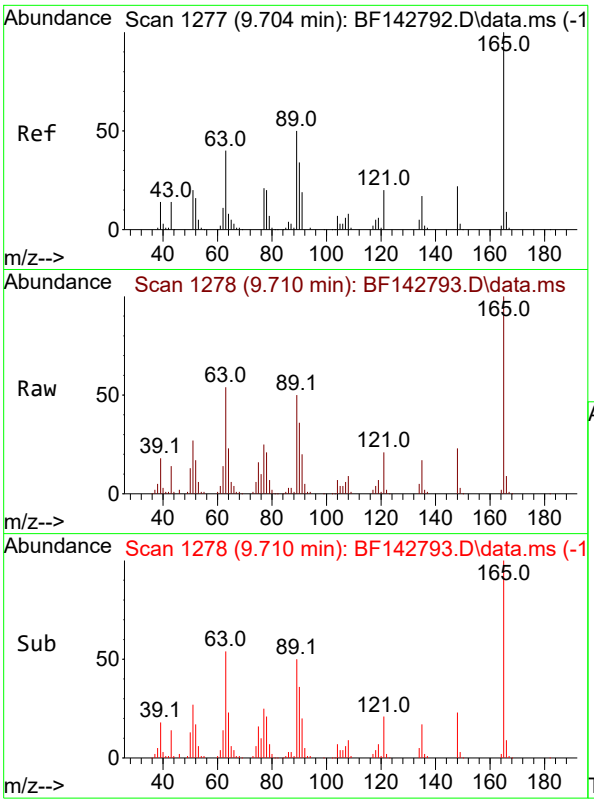


#50
Dimethylphthalate
Concen: 50.308 ng
RT: 9.645 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:163 Resp: 464372

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.0	12.0



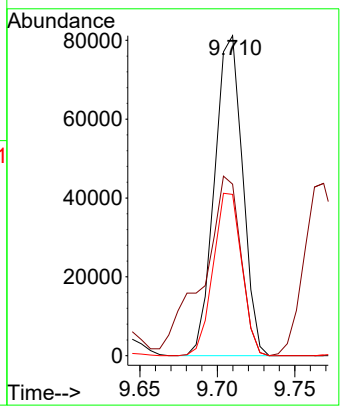


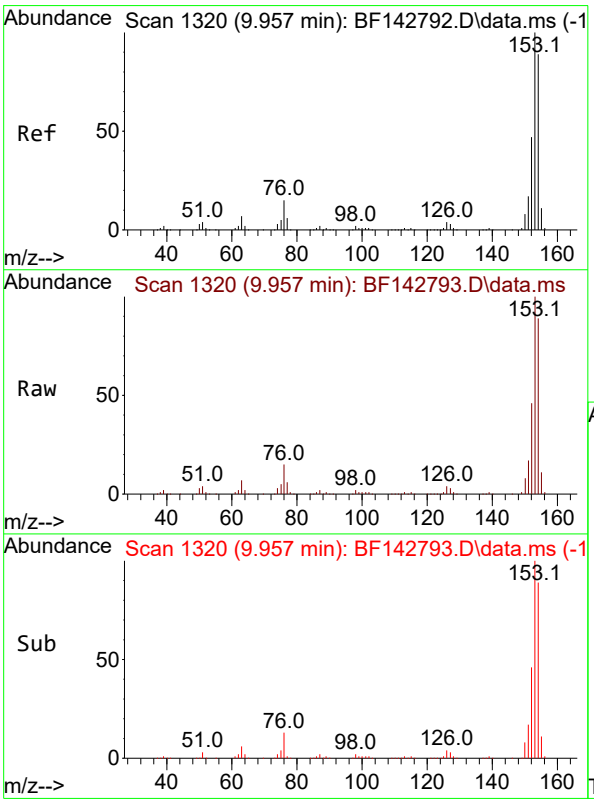
#51
2,6-Dinitrotoluene
Concen: 51.156 ng
RT: 9.710 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 102361

Ion	Ratio	Lower	Upper
165	100		
63	53.6	44.2	66.4
89	50.4	39.8	59.8

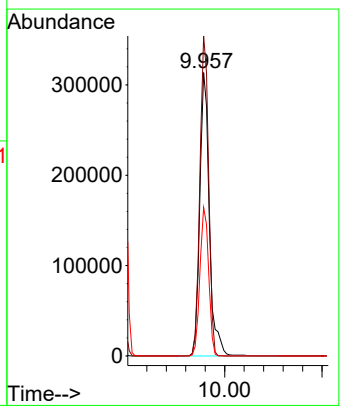


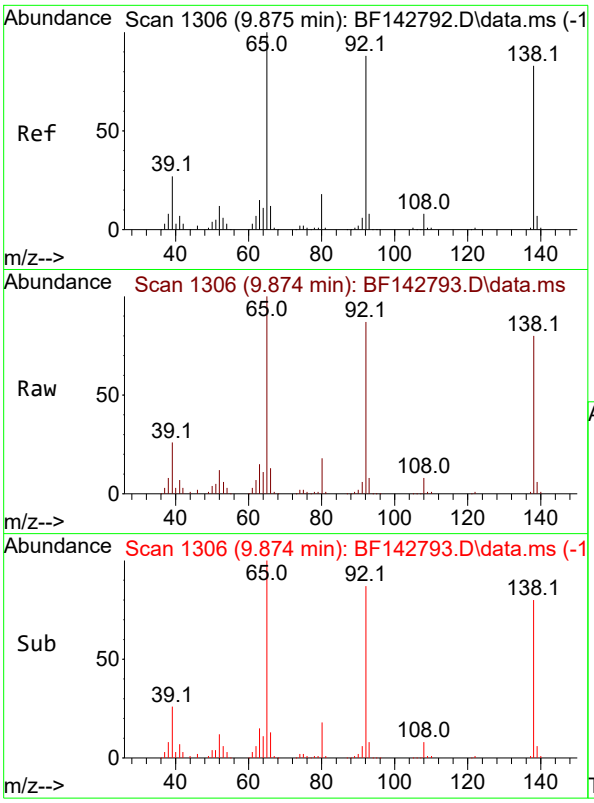


#52
Acenaphthene
Concen: 51.498 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:154 Resp: 427135

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.0	135.0
152	52.4	41.9	62.9



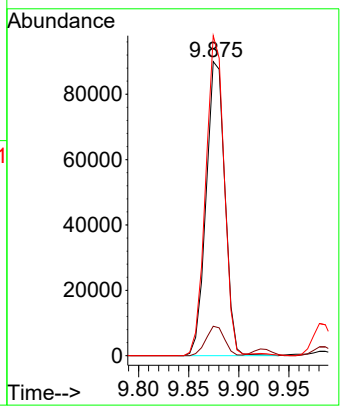


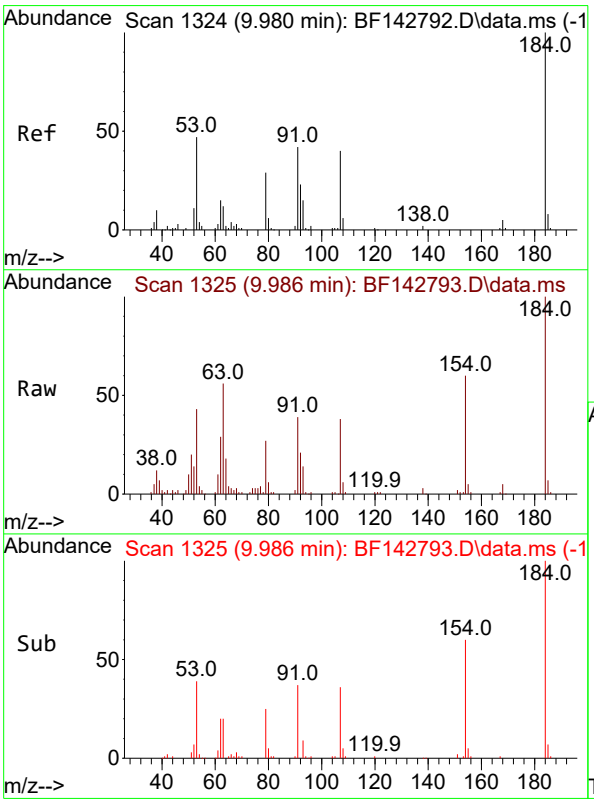
#53
3-Nitroaniline
Concen: 54.038 ng
RT: 9.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 117448

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.1	12.1
92	108.8	85.1	127.7

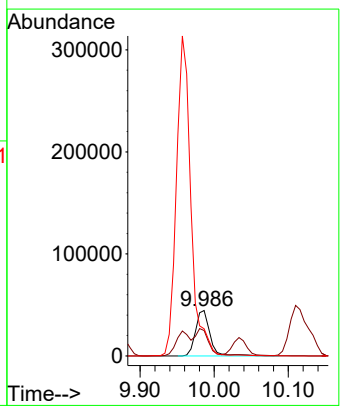


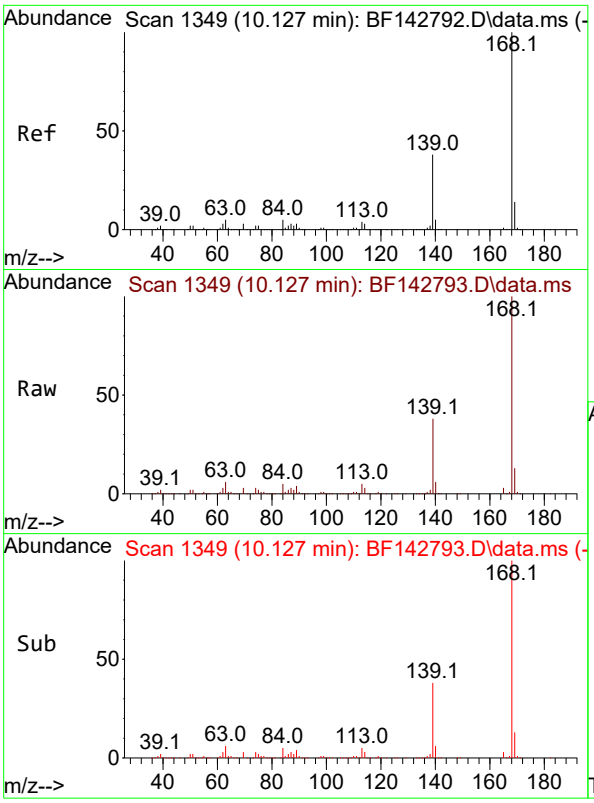


#54
2,4-Dinitrophenol
Concen: 55.696 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:184 Resp: 60308

Ion	Ratio	Lower	Upper
184	100		
63	56.0	50.6	75.8
154	59.9	51.8	77.8



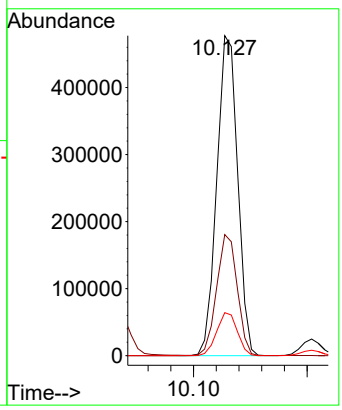


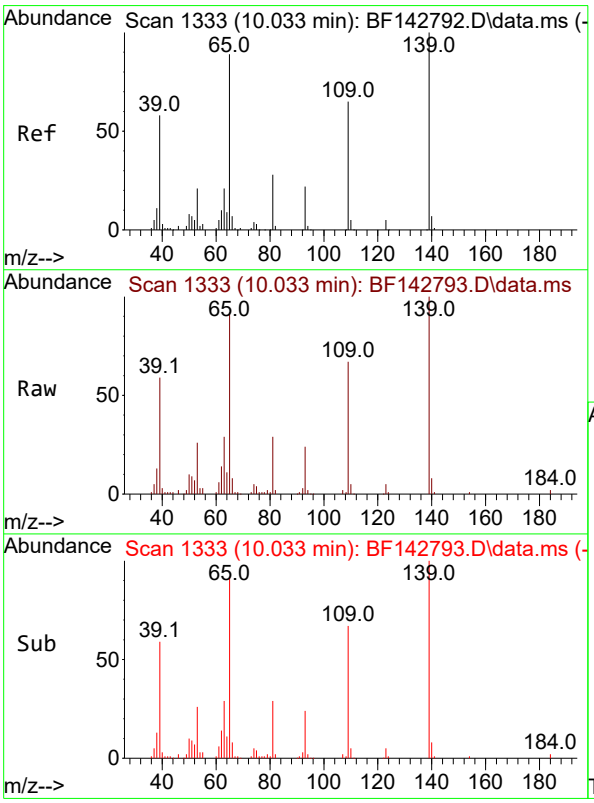
#55
Dibenzofuran
Concen: 51.506 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 609507

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.2	45.4
169	13.4	10.8	16.2

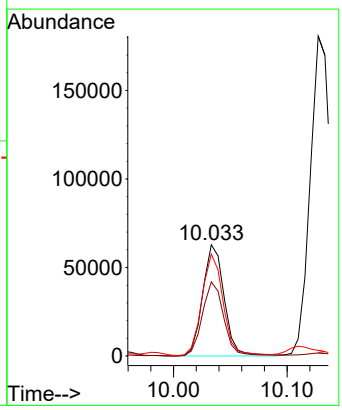


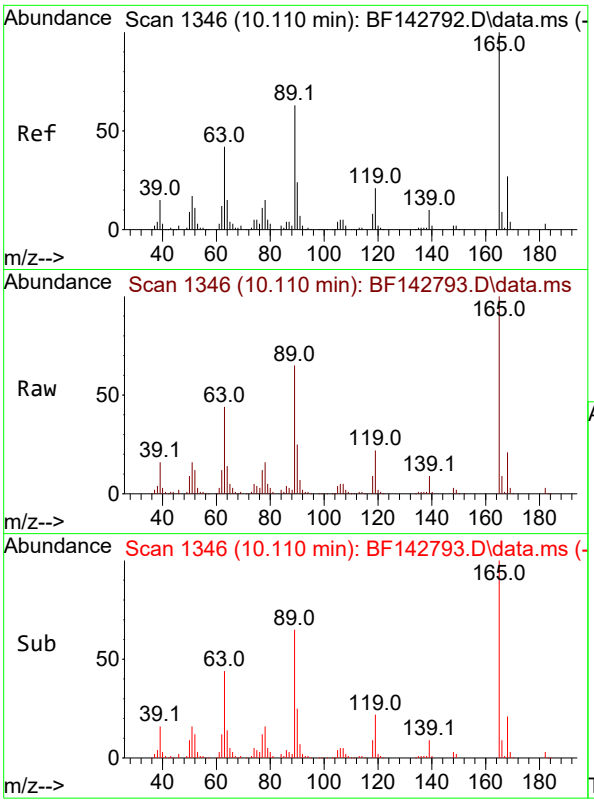


#56
4-Nitrophenol
Concen: 56.047 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:139 Resp: 82688

Ion	Ratio	Lower	Upper
139	100		
109	66.5	44.7	84.7
65	91.6	69.8	109.8



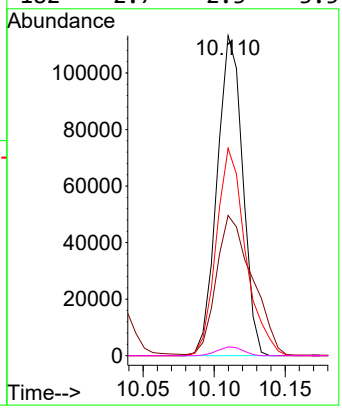


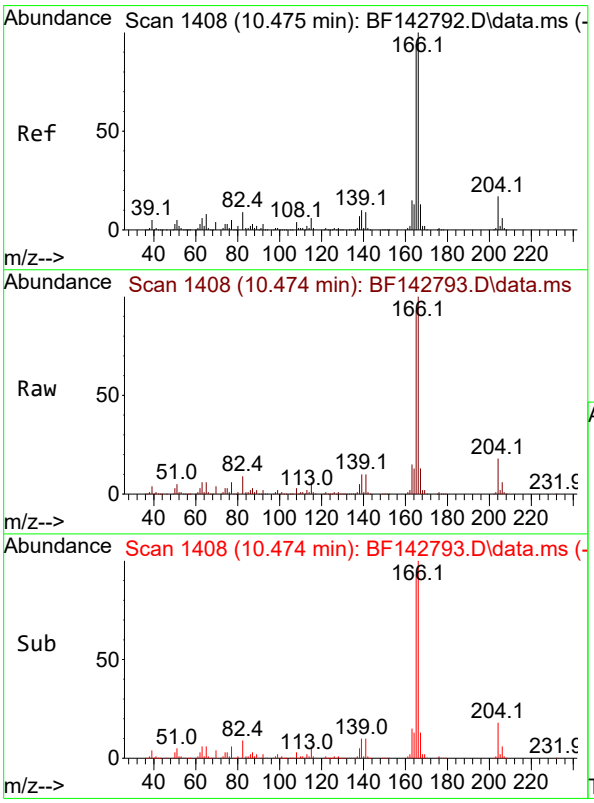
#57
2,4-Dinitrotoluene
Concen: 53.554 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 141691

Ion	Ratio	Lower	Upper
165	100		
63	43.8	33.9	50.9
89	64.8	50.6	75.8
182	2.7	2.3	3.5

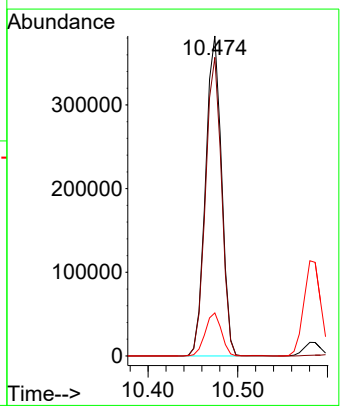


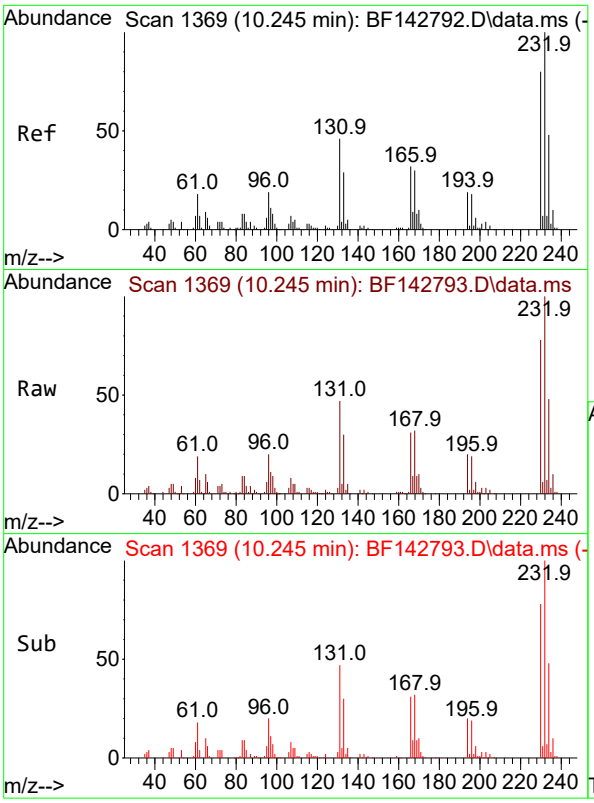


#58
Fluorene
Concen: 50.747 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:166 Resp: 473968

Ion	Ratio	Lower	Upper
166	100		
165	93.3	75.2	112.8
167	13.5	10.6	15.8



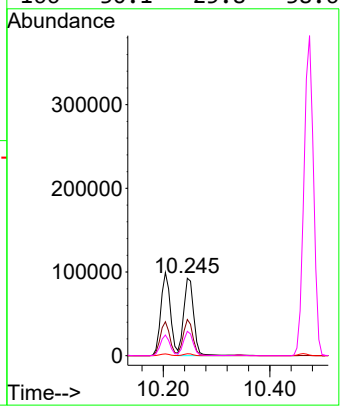


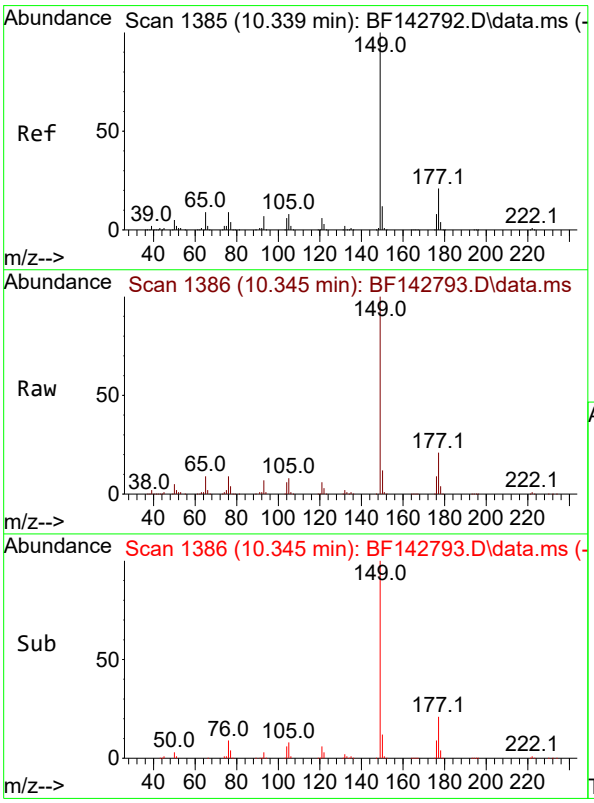
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.988 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 120008

Ion	Ratio	Lower	Upper
232	100		
131	44.8	37.6	56.4
130	2.3	1.7	2.5
166	30.1	25.8	38.6

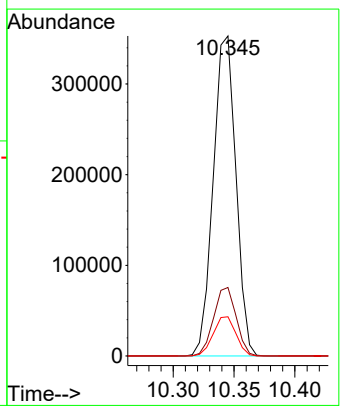


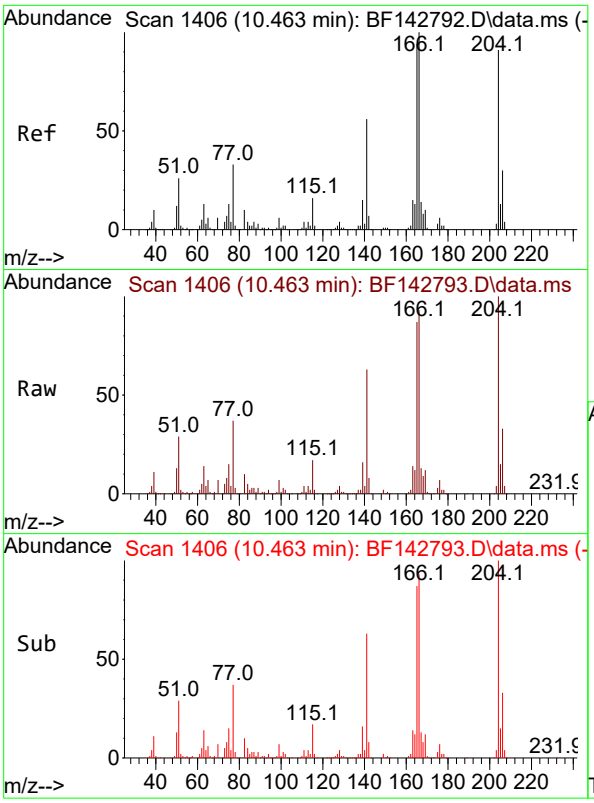


#60
Diethylphthalate
Concen: 50.010 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:149 Resp: 458546

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	12.3	9.8	14.6



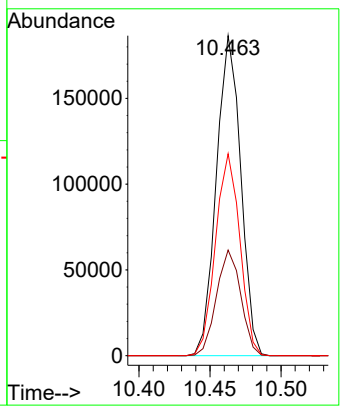


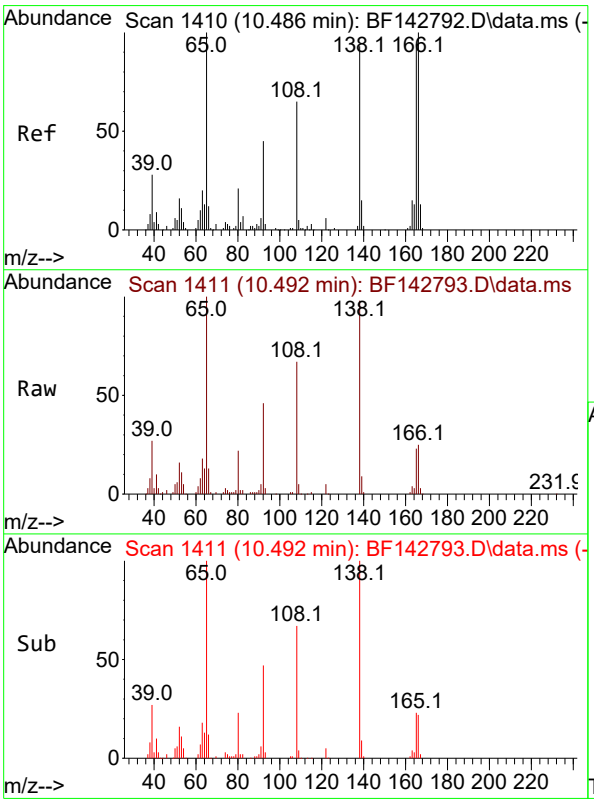
#61
4-Chlorophenyl-phenylether
Concen: 49.076 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 222613

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	63.1	49.1	73.7

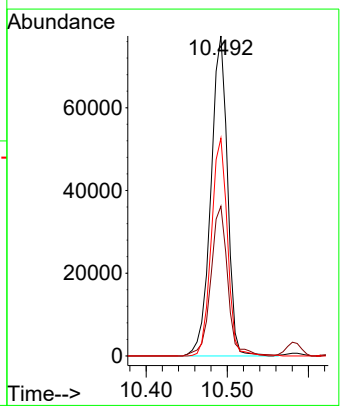


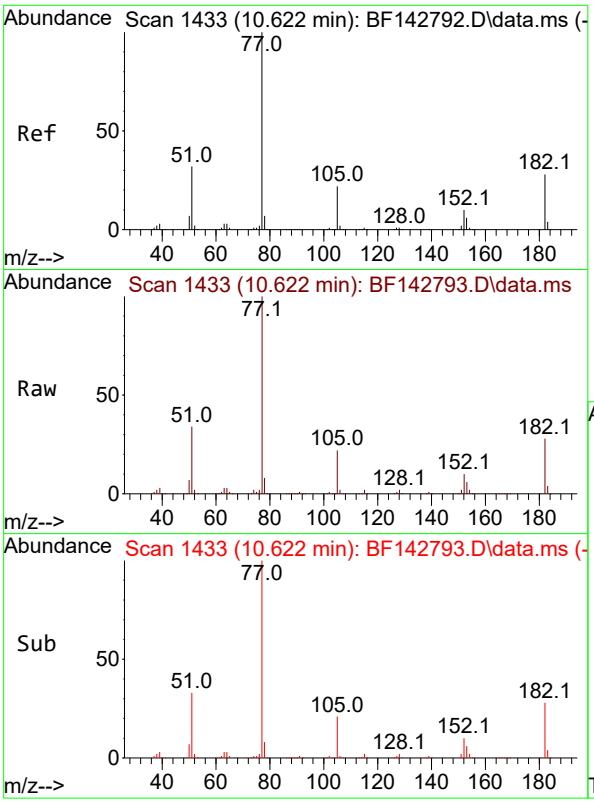


#62
4-Nitroaniline
Concen: 56.363 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:138 Resp: 109973

Ion	Ratio	Lower	Upper
138	100		
92	46.8	28.4	68.4
108	68.1	50.2	90.2



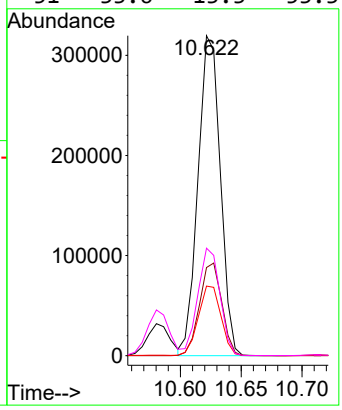


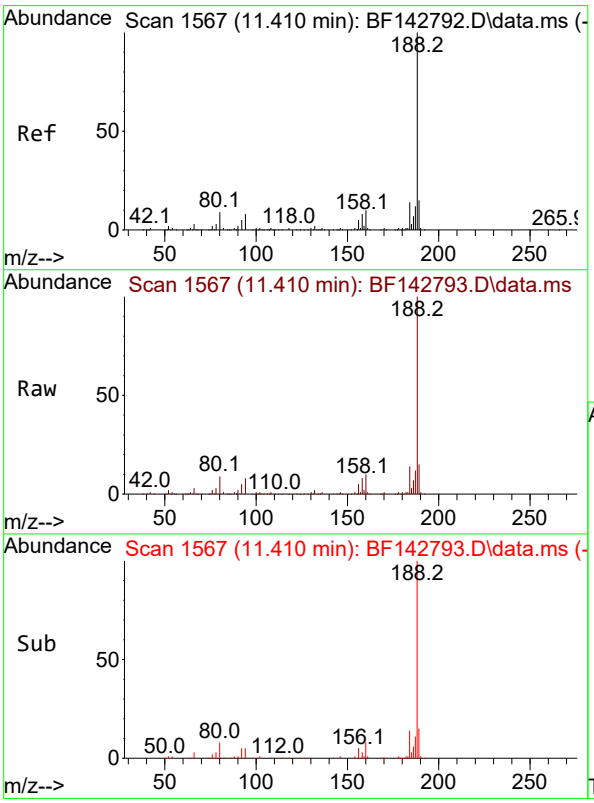
#63
Azobenzene
Concen: 51.063 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 409164

Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.7	47.7
105	21.8	1.9	41.9
51	33.6	13.3	53.3

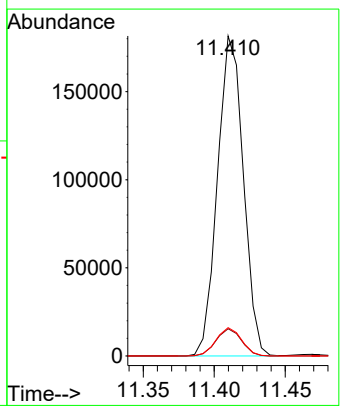


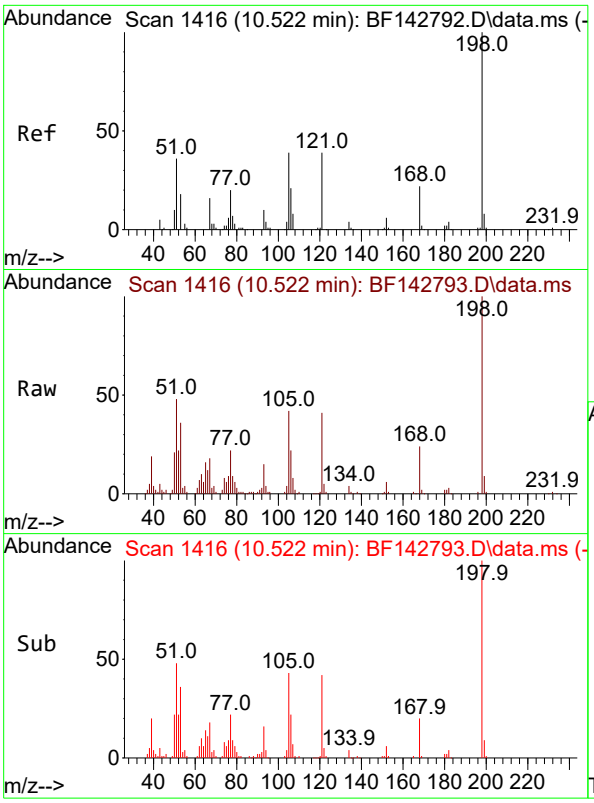


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:188 Resp: 229780

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	8.9	6.9	10.3



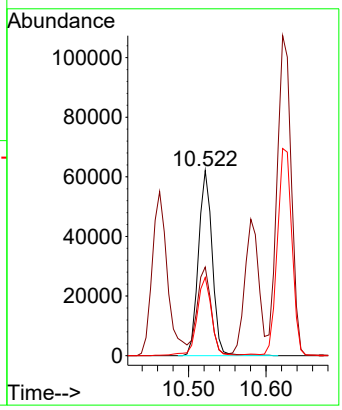


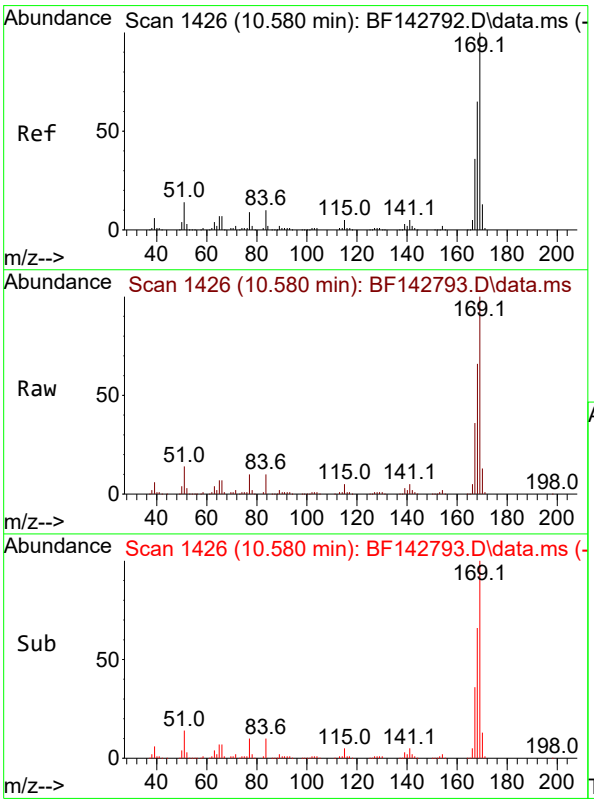
#65
4,6-Dinitro-2-methylphenol
Concen: 53.713 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 76696

Ion	Ratio	Lower	Upper
198	100		
51	47.9	25.4	65.4
105	42.3	20.4	60.4

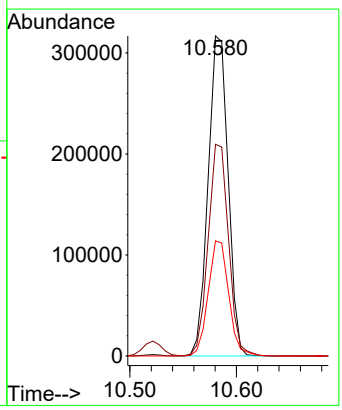


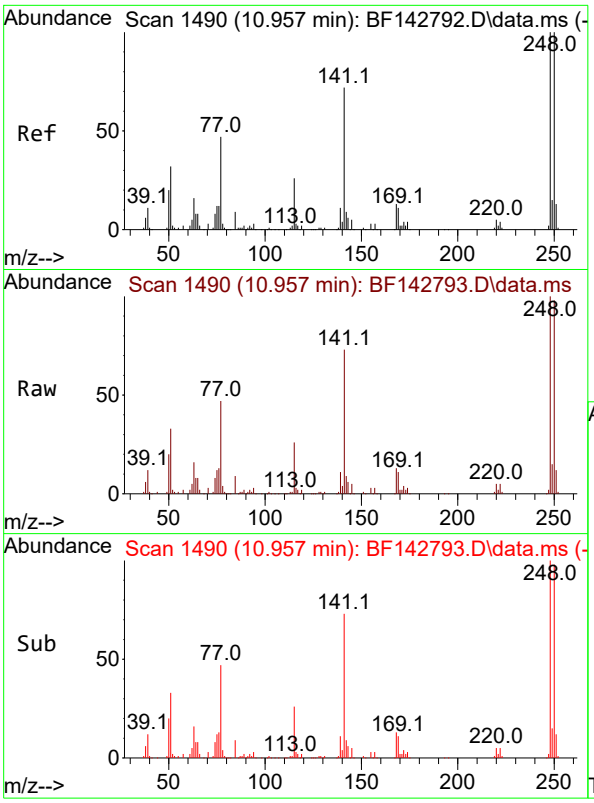


#66
n-Nitrosodiphenylamine
Concen: 52.171 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:169 Resp: 411917

Ion	Ratio	Lower	Upper
169	100		
168	66.1	51.9	77.9
167	35.9	28.5	42.7



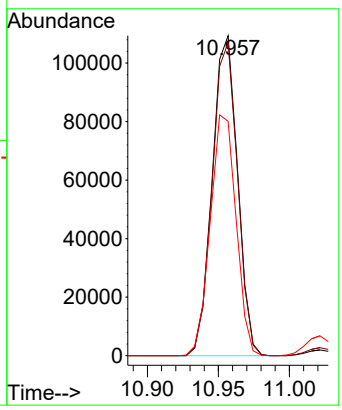


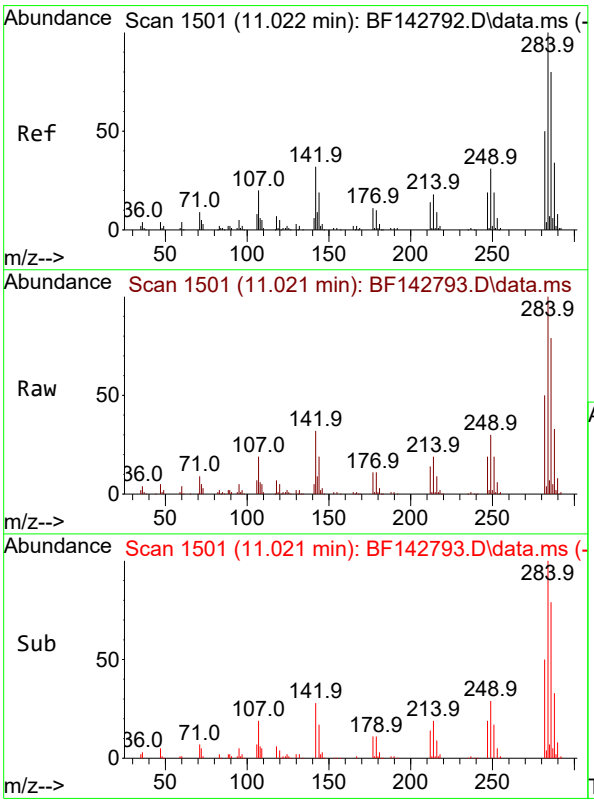
#67
4-Bromophenyl-phenylether
Concen: 50.425 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 135699

Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.8	119.8
141	73.3	57.8	86.6

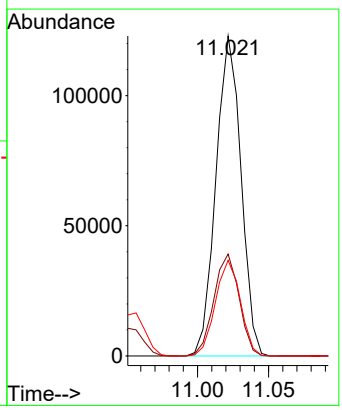


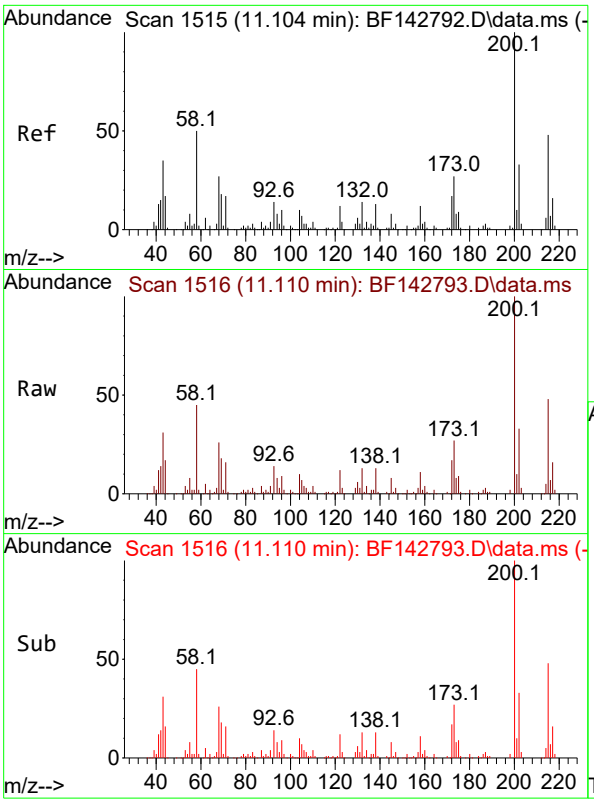


#68
Hexachlorobenzene
Concen: 50.432 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:284 Resp: 150669

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.5	38.3
249	29.9	24.9	37.3



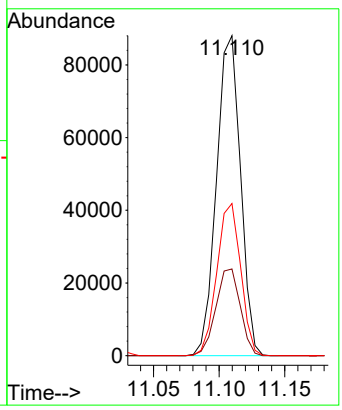


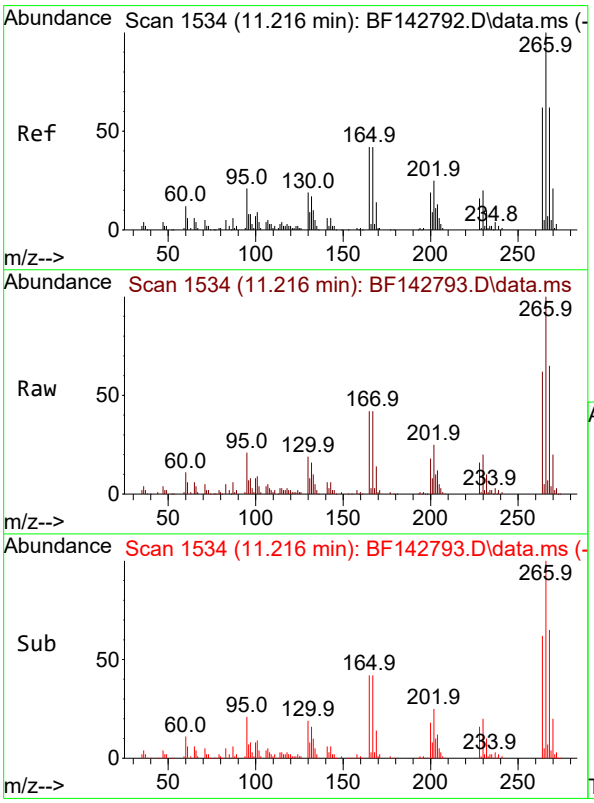
#69
Atrazine
Concen: 53.385 ng
RT: 11.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 111915

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.4	47.4
215	47.5	28.4	68.4

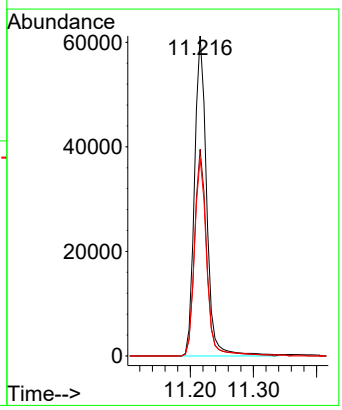


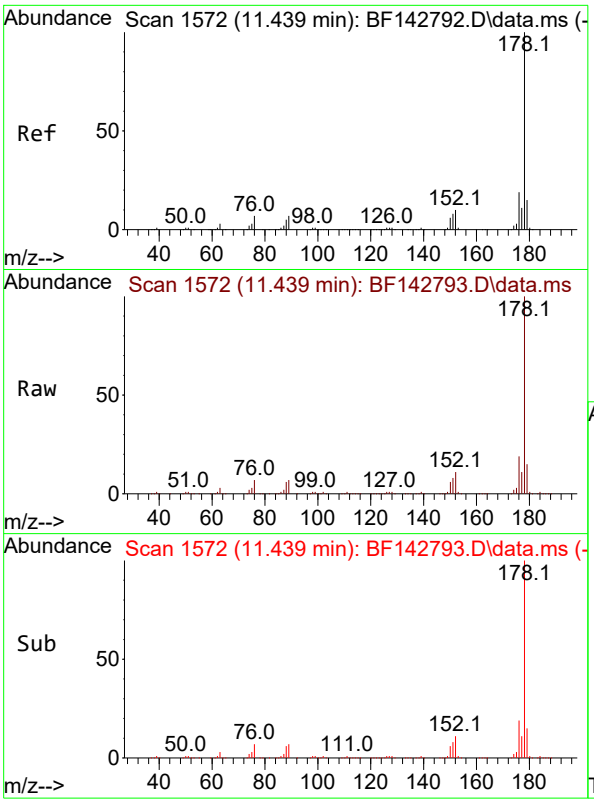


#70
Pentachlorophenol
Concen: 52.574 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:266 Resp: 81577

Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.8	74.8
264	61.7	49.9	74.9



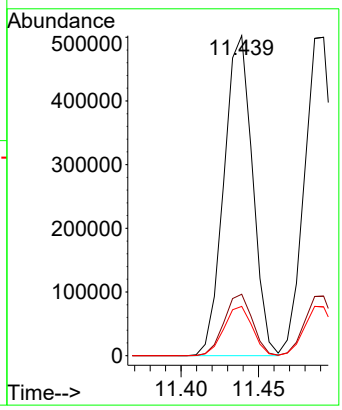


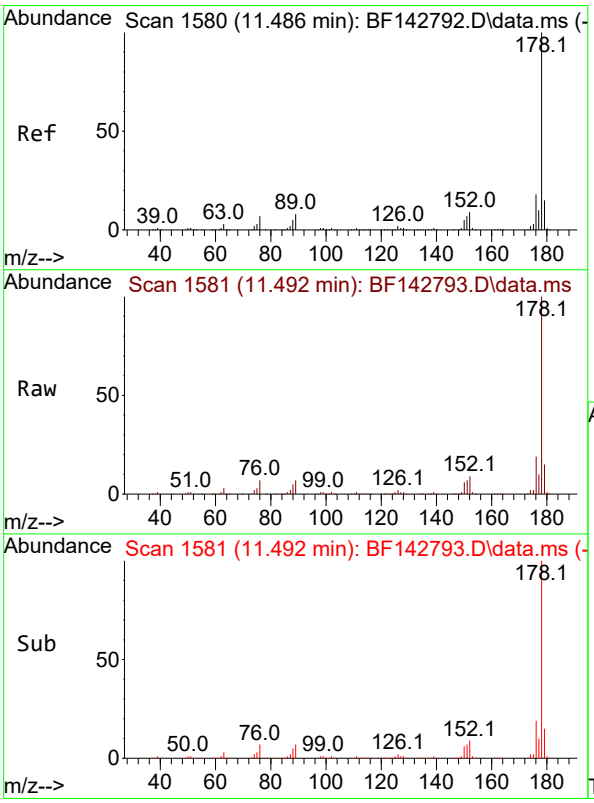
#71
Phenanthrene
Concen: 52.403 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 644668

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.4	12.0	18.0

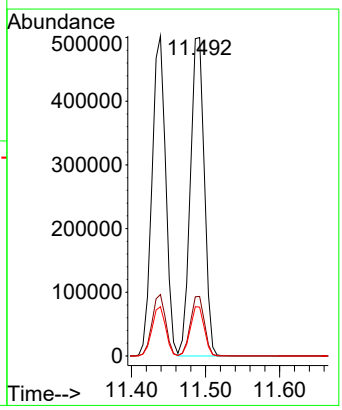


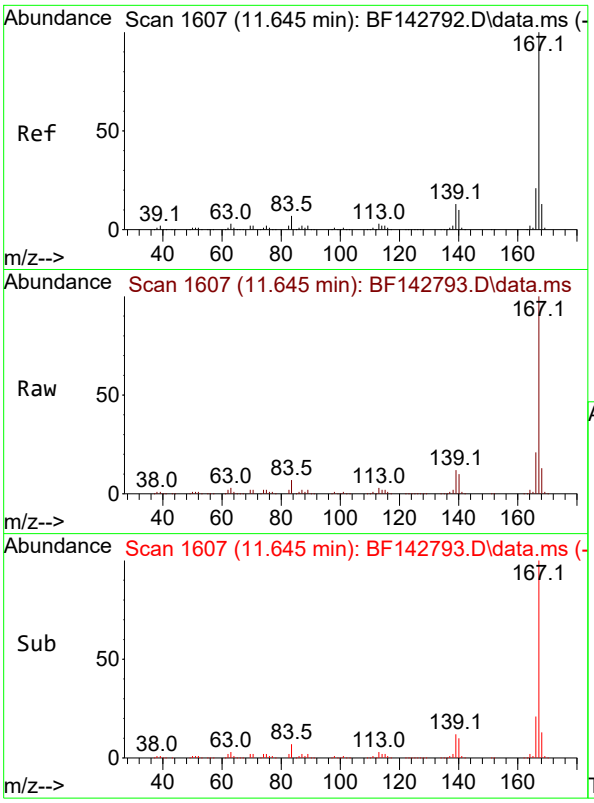


#72
Anthracene
Concen: 51.433 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:178 Resp: 654942

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.4	12.4	18.6



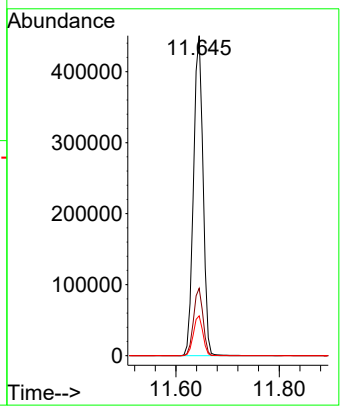


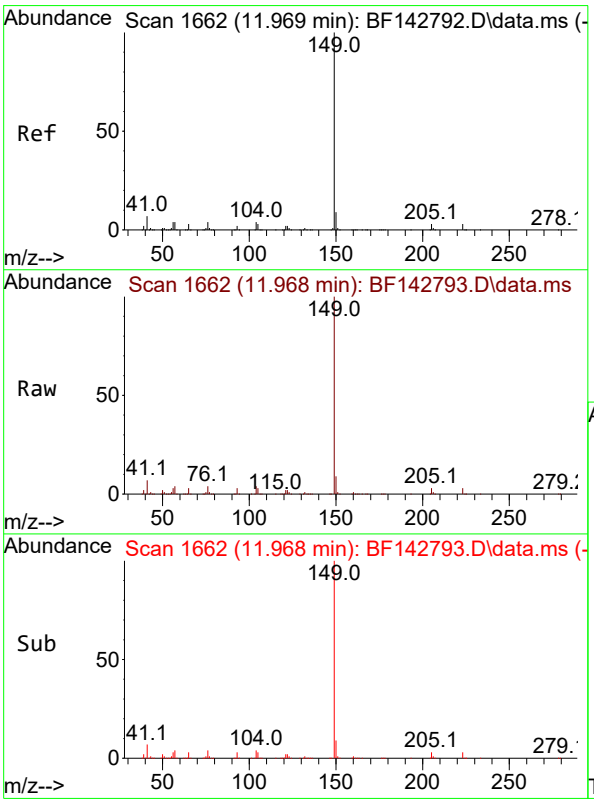
#73
Carbazole
Concen: 53.996 ng
RT: 11.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 575784

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.4
139	12.5	10.2	15.2

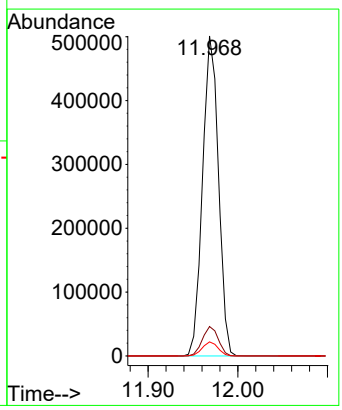


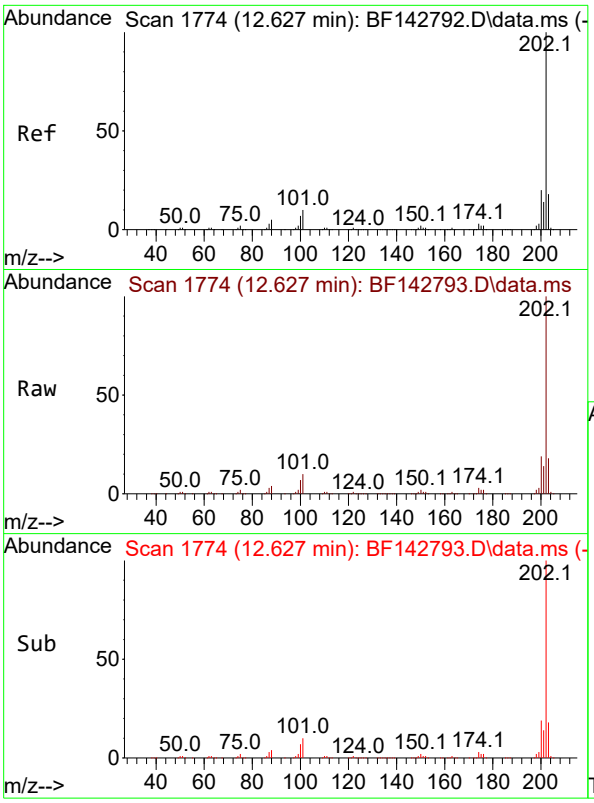


#74
Di-n-butylphthalate
Concen: 52.211 ng
RT: 11.968 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:149 Resp: 616452

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.4	3.5	5.3



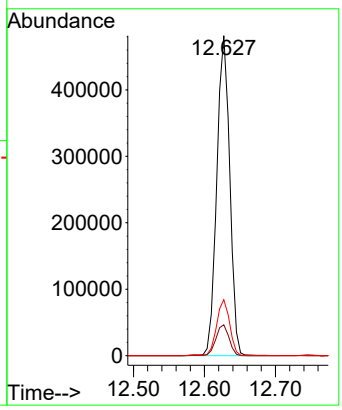


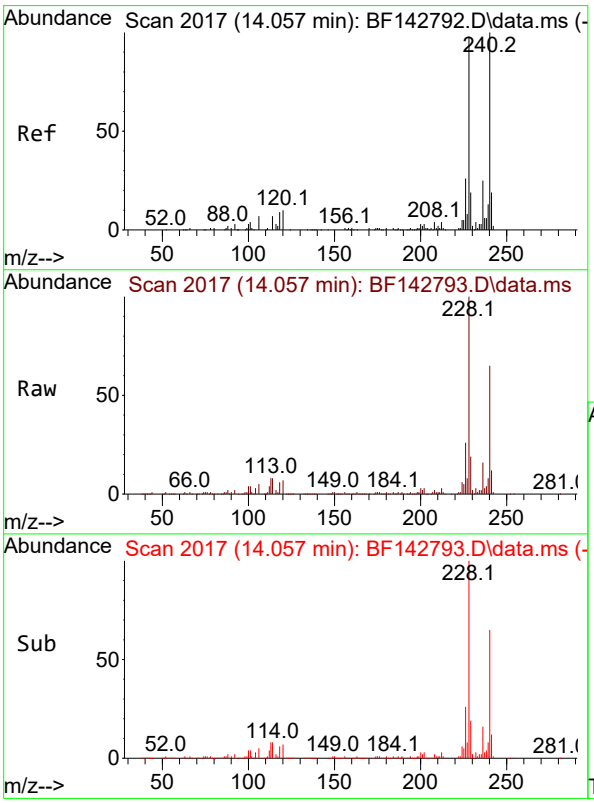
#75
Fluoranthene
Concen: 52.032 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 608190

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.7
203	17.5	0.0	37.5

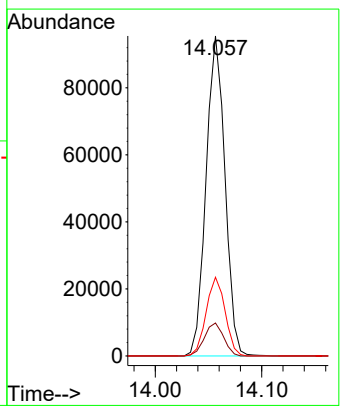


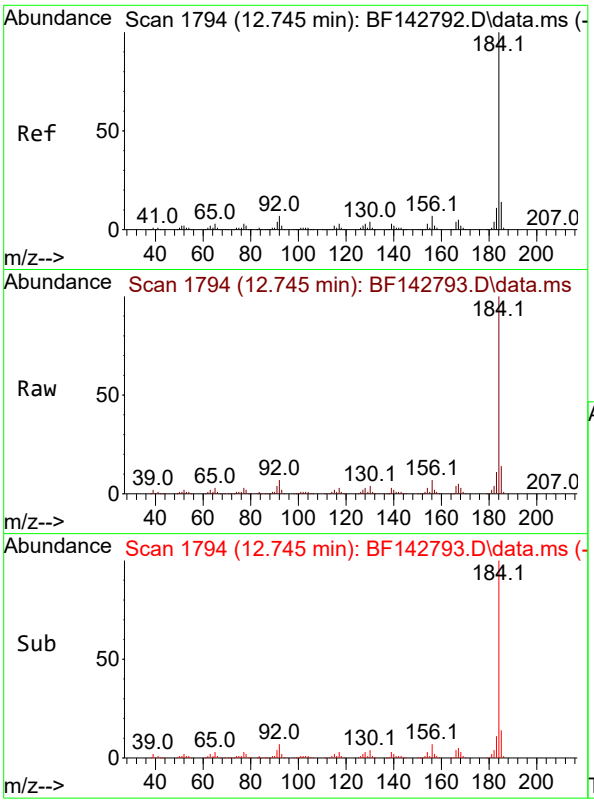


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:240 Resp: 117825

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.2	12.2
236	24.6	19.8	29.8



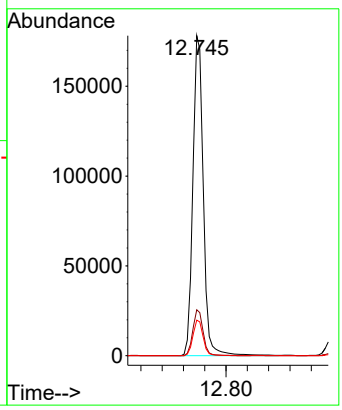


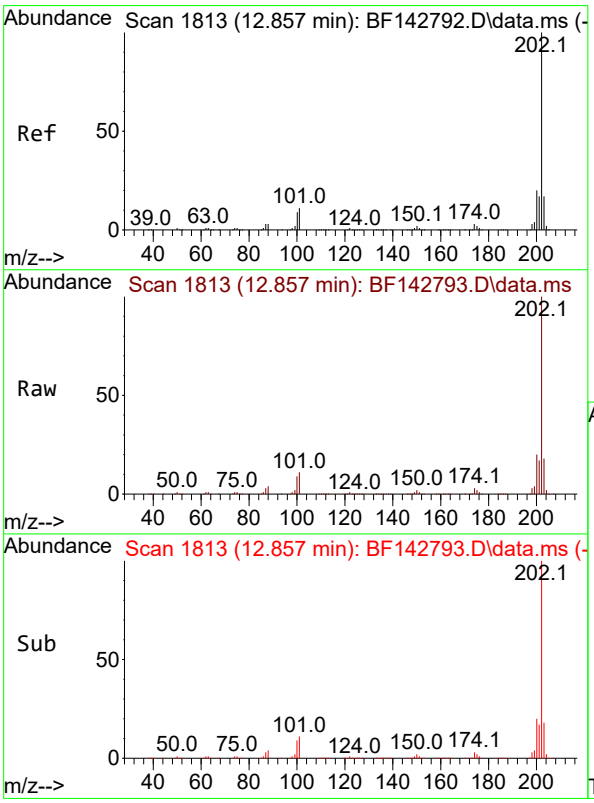
#77
Benzidine
Concen: 58.208 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 242794

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.1	9.0	13.4

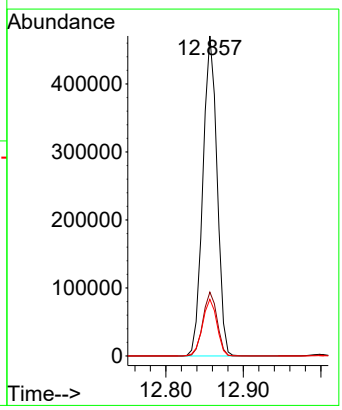


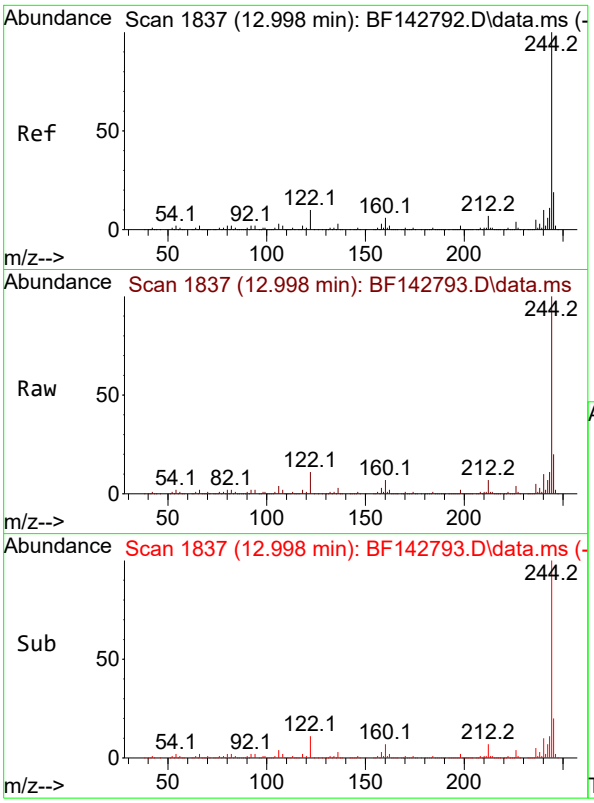


#78
Pyrene
Concen: 55.205 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:202 Resp: 597913

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	17.7	13.8	20.6



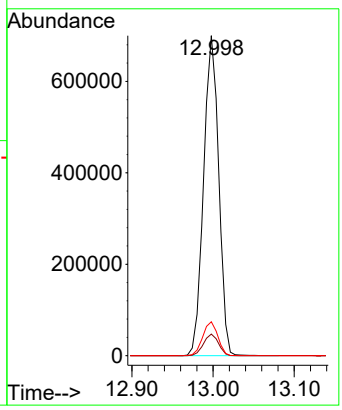


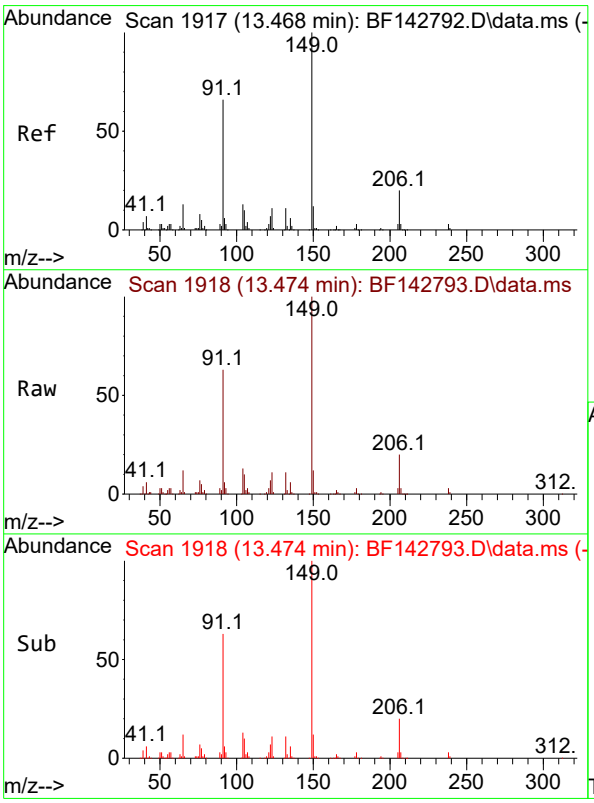
#79
Terphenyl-d14
Concen: 106.820 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 904305

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.6	8.2	12.2

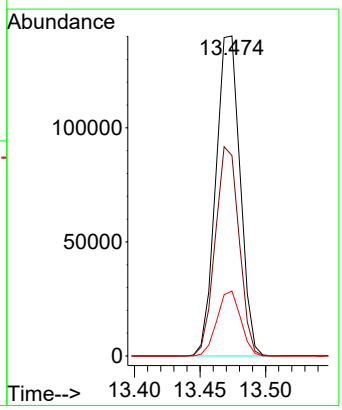


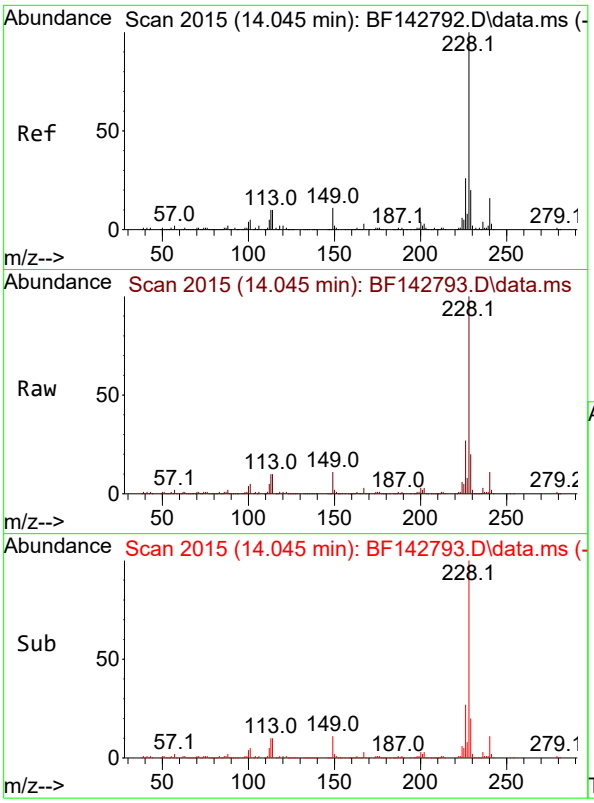


#80
Butylbenzylphthalate
Concen: 56.257 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:149 Resp: 180565

Ion	Ratio	Lower	Upper
149	100		
91	62.6	52.9	79.3
206	20.3	16.3	24.5



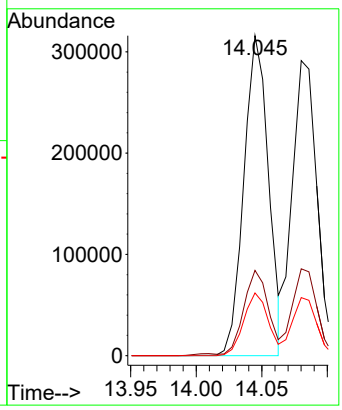


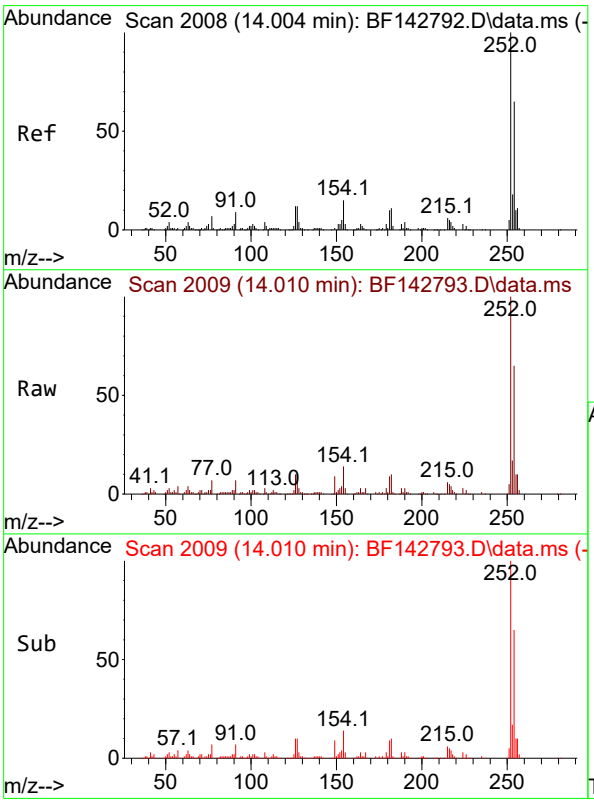
#81
Benzo(a)anthracene
Concen: 53.431 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 413349

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.2	31.8
229	19.6	15.6	23.4

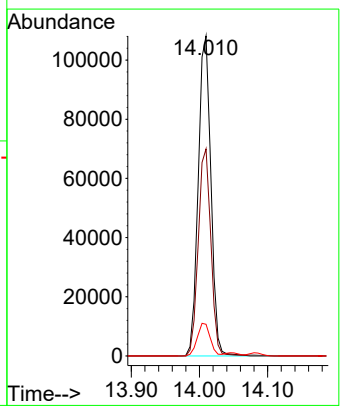


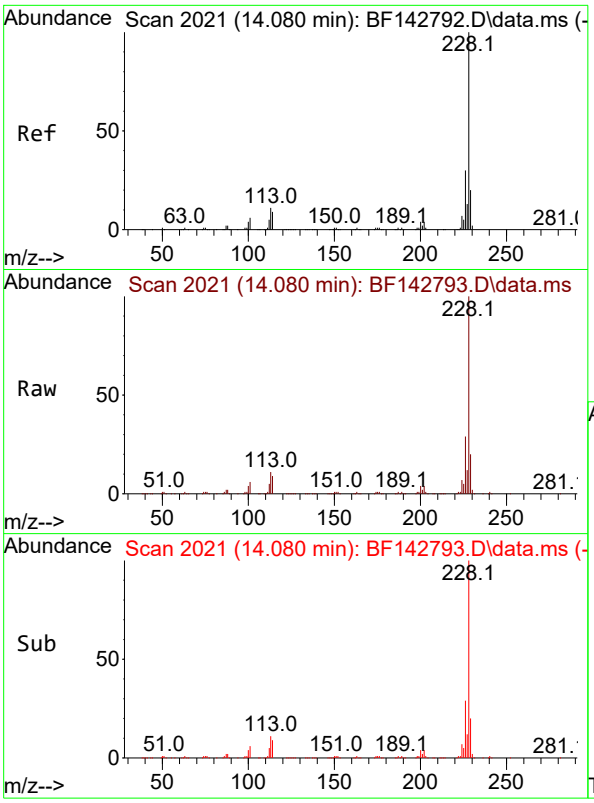


#82
3,3'-Dichlorobenzidine
Concen: 55.949 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:252 Resp: 140152

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.7	77.5
126	9.9	9.4	14.2



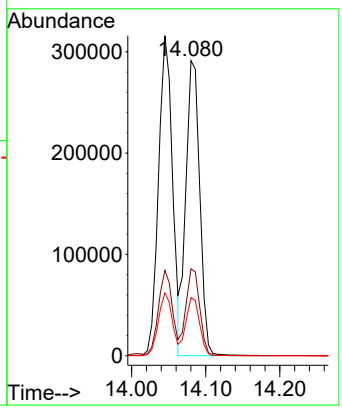


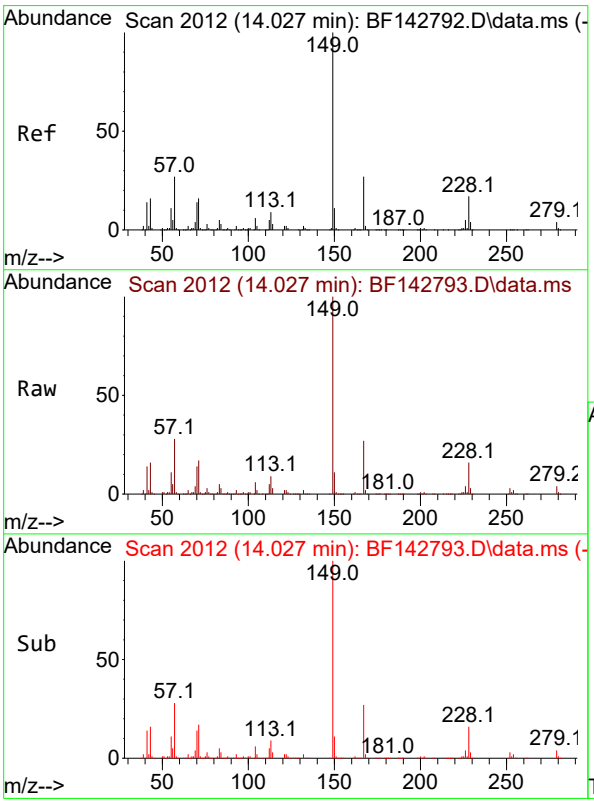
#83
Chrysene
Concen: 52.950 ng
RT: 14.080 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 381352

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	19.7	15.7	23.5

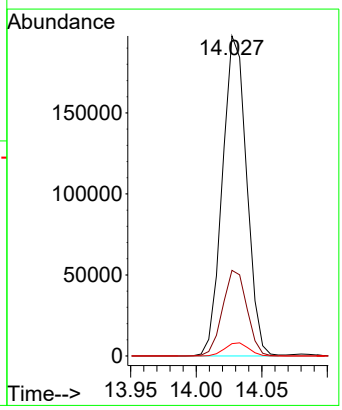


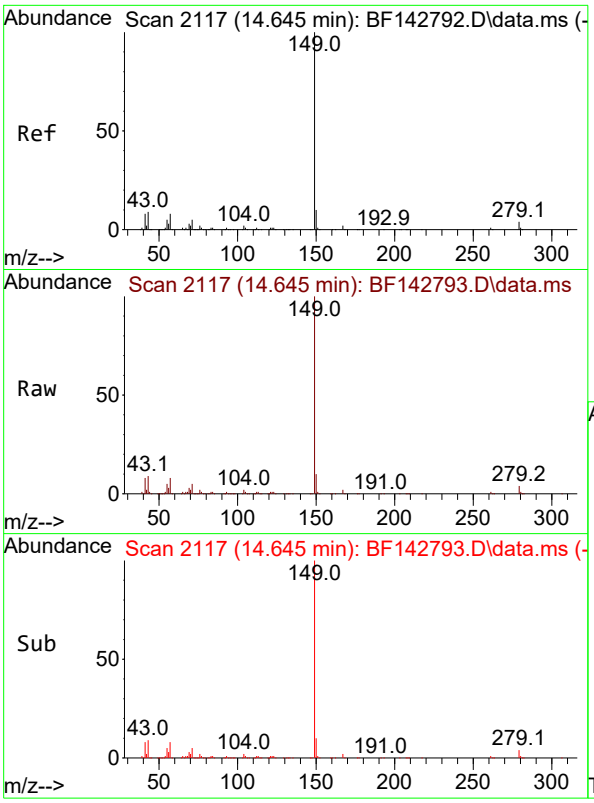


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.016 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:149 Resp: 253542

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	3.8	3.0	4.6



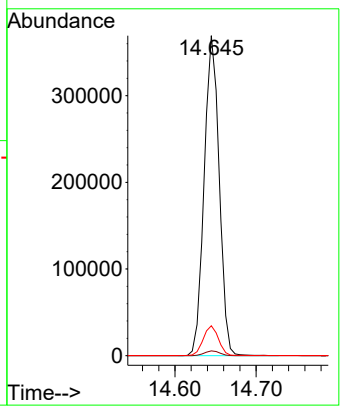


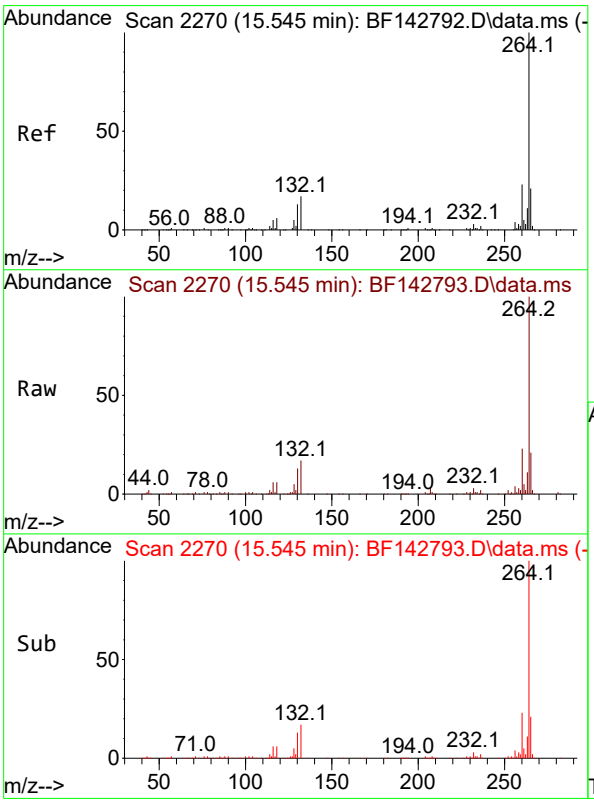
#85
Di-n-octyl phthalate
Concen: 52.029 ng
RT: 14.645 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 474143

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.4	7.6	11.4

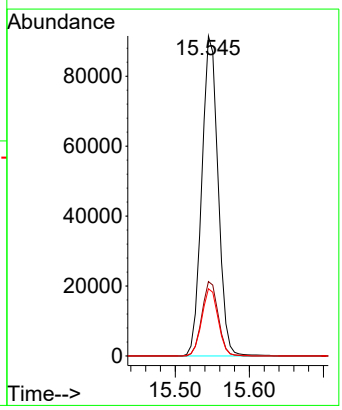


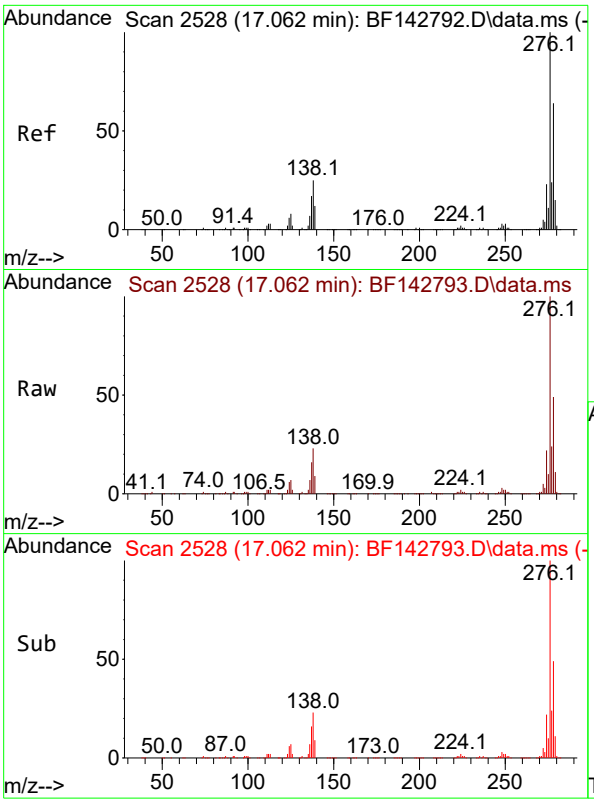


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:264 Resp: 139593

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.1	27.1
265	21.0	16.6	25.0



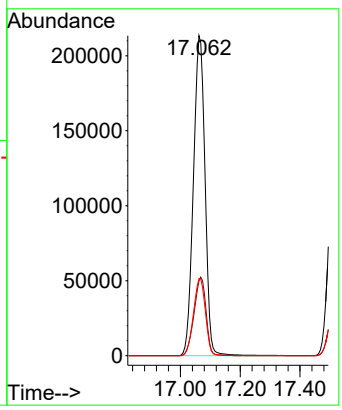


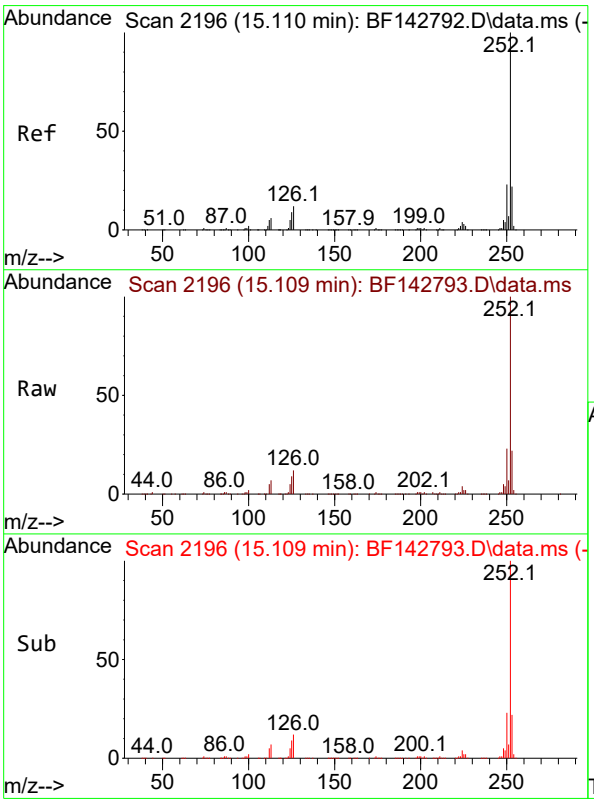
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.741 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 575271

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.2	30.4
277	24.7	19.8	29.6

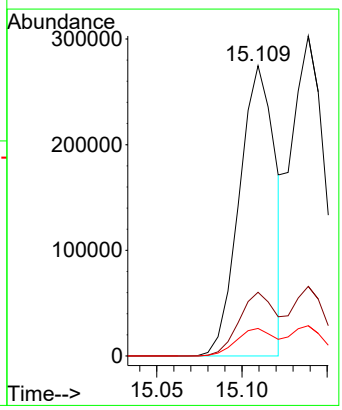


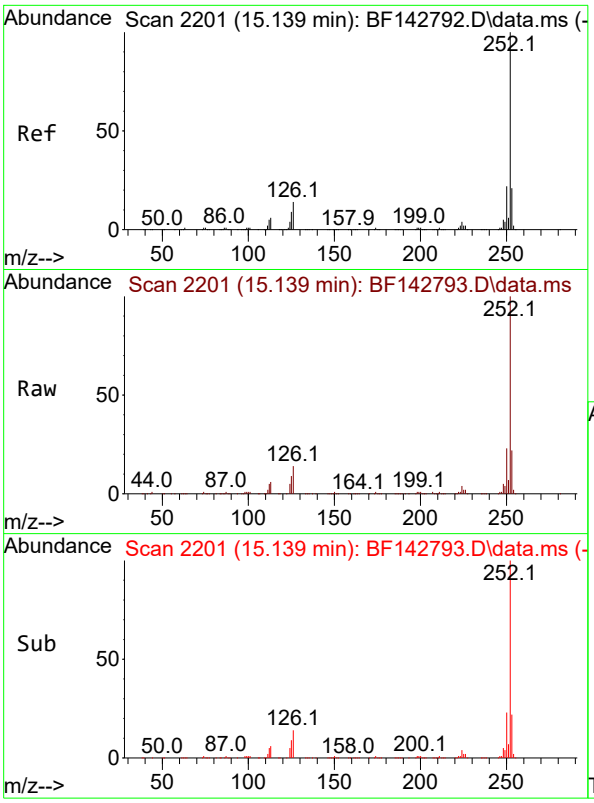


#88
Benzo(b)fluoranthene
Concen: 49.437 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:252 Resp: 401915

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.5	7.4	11.0



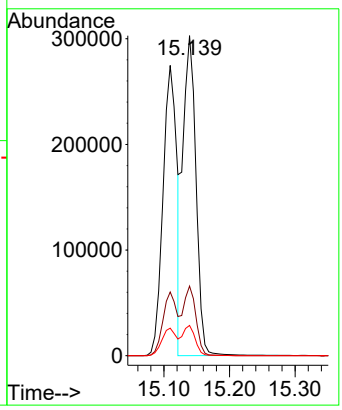


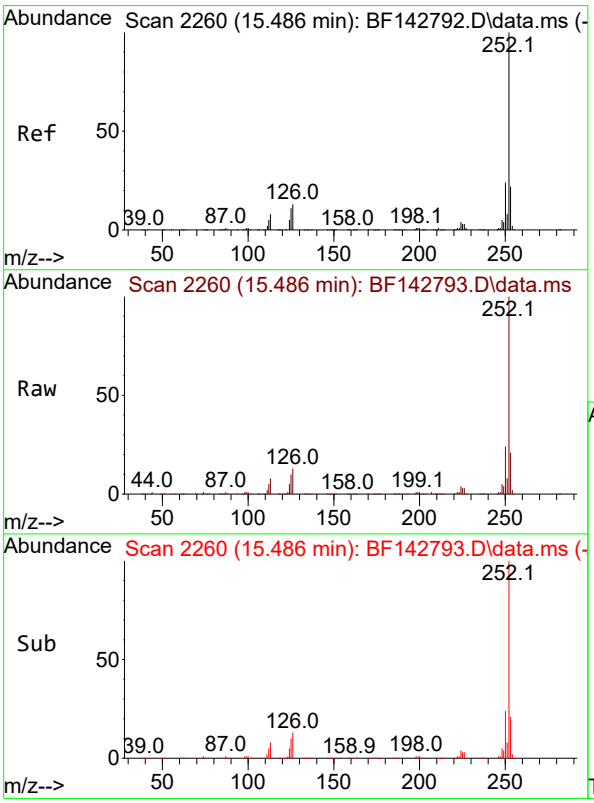
#89
Benzo(k)fluoranthene
Concen: 52.440 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 416169

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.5	7.4	11.2

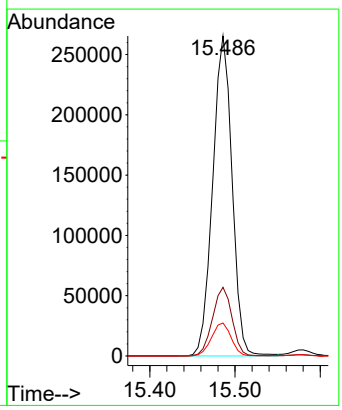


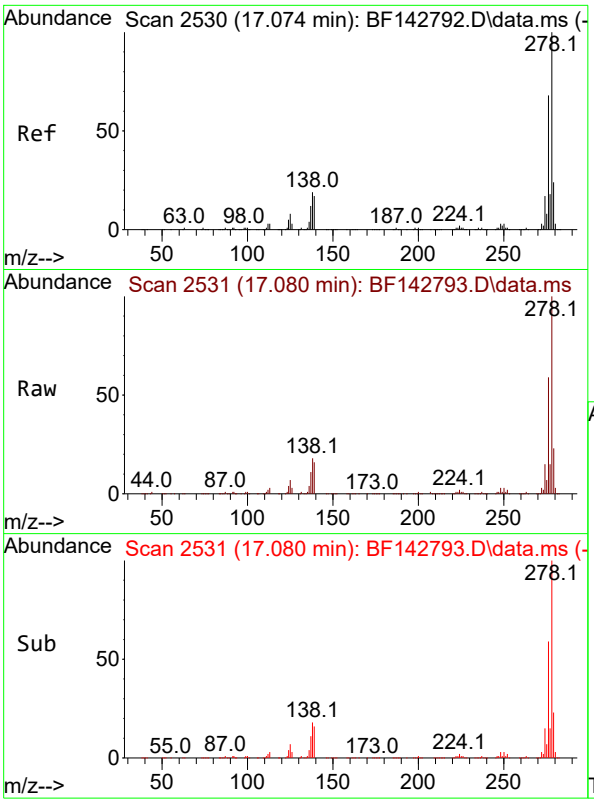


#90
Benzo(a)pyrene
Concen: 53.860 ng
RT: 15.486 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:252 Resp: 419030

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	10.3	8.6	12.8



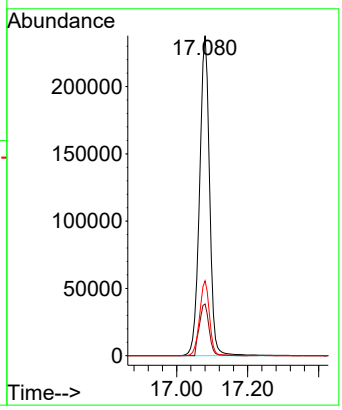


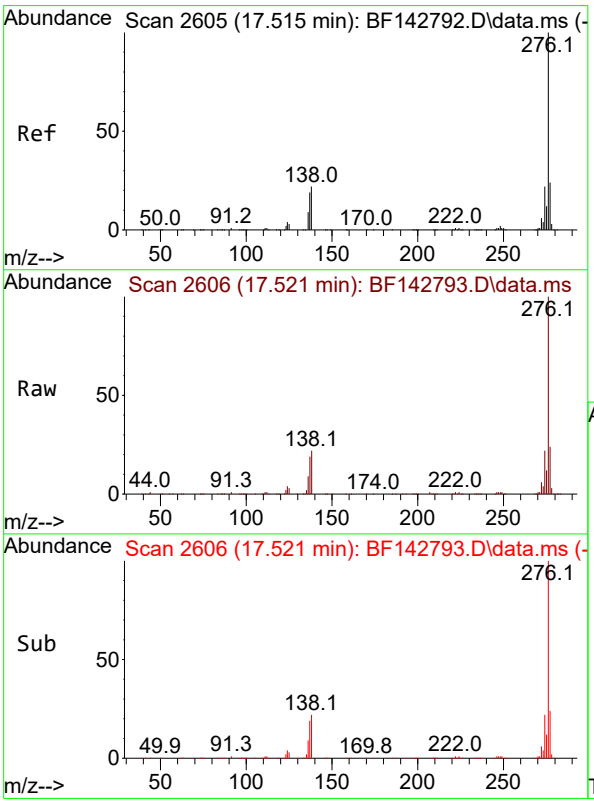
#91
Dibenzo(a,h)anthracene
Concen: 55.594 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 466485

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.5	20.3
279	23.4	18.8	28.2

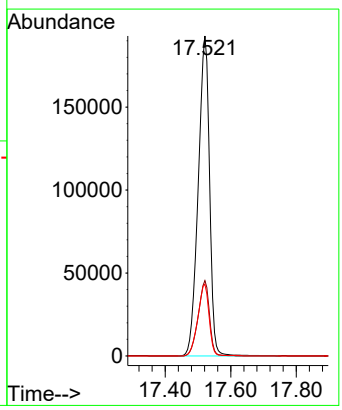




#92
Benzo(g,h,i)perylene
Concen: 55.540 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:276 Resp: 464951

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	22.4	17.6	26.4



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142794.D
Acq On : 19 Jun 2025 20:10
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jun 20 04:41:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83273	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	313390	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	161044	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	264336	20.000	ng	0.00
76) Chrysene-d12	14.057	240	133196	20.000	ng	0.00
86) Perylene-d12	15.551	264	166457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	585158	119.852	ng	0.00
7) Phenol-d6	6.516	99	689436	120.255	ng	0.00
23) Nitrobenzene-d5	7.451	82	680402	119.003	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	198721	113.541	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1360586	112.392	ng	0.00
79) Terphenyl-d14	12.998	244	1107704	115.747	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	119634	61.705	ng	99
3) Pyridine	3.410	79	302137	62.244	ng	99
4) n-Nitrosodimethylamine	3.375	42	157914	63.520	ng	99
6) Aniline	6.545	93	466855	60.761	ng	93
8) 2-Chlorophenol	6.669	128	317743	59.767	ng	99
9) Benzaldehyde	6.434	77	170843	48.878	ng	100
10) Phenol	6.528	94	382126	59.780	ng	92
11) bis(2-Chloroethyl)ether	6.622	93	278869	58.802	ng	98
12) 1,3-Dichlorobenzene	6.822	146	353155	58.337	ng	98
13) 1,4-Dichlorobenzene	6.898	146	356089	58.035	ng	99
14) 1,2-Dichlorobenzene	7.051	146	338121	57.645	ng	99
15) Benzyl Alcohol	7.028	79	257749	60.062	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	439082	58.763	ng	97
17) 2-Methylphenol	7.134	107	242711	59.716	ng	100
18) Hexachloroethane	7.392	117	124457	56.741	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	202914	56.123	ng	97
20) 3+4-Methylphenols	7.292	107	298960	58.442	ng	99
22) Acetophenone	7.298	105	402615	58.063	ng	99
24) Nitrobenzene	7.469	77	306032	60.229	ng	99
25) Isophorone	7.710	82	548612	57.216	ng	100
26) 2-Nitrophenol	7.786	139	175072	61.836	ng	98
27) 2,4-Dimethylphenol	7.822	122	288532	59.859	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	343925	57.620	ng	100
29) 2,4-Dichlorophenol	8.028	162	260228	58.574	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	282721	57.608	ng	99
31) Naphthalene	8.192	128	886614	57.524	ng	100
32) Benzoic acid	7.945	122	169471	63.369	ng	96
33) 4-Chloroaniline	8.239	127	369911	59.887	ng	99
34) Hexachlorobutadiene	8.304	225	173425	55.768	ng	99
35) Caprolactam	8.622	113	73108	61.157	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	261249	56.927	ng	99
37) 2-Methylnaphthalene	8.881	142	548439	56.406	ng	100
38) 1-Methylnaphthalene	8.980	142	567801	56.247	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	278551	59.918	ng	99
41) Hexachlorocyclopentadiene	9.033	237	181771	61.835	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	187708	62.392	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142794.D
Acq On : 19 Jun 2025 20:10
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jun 20 04:41:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

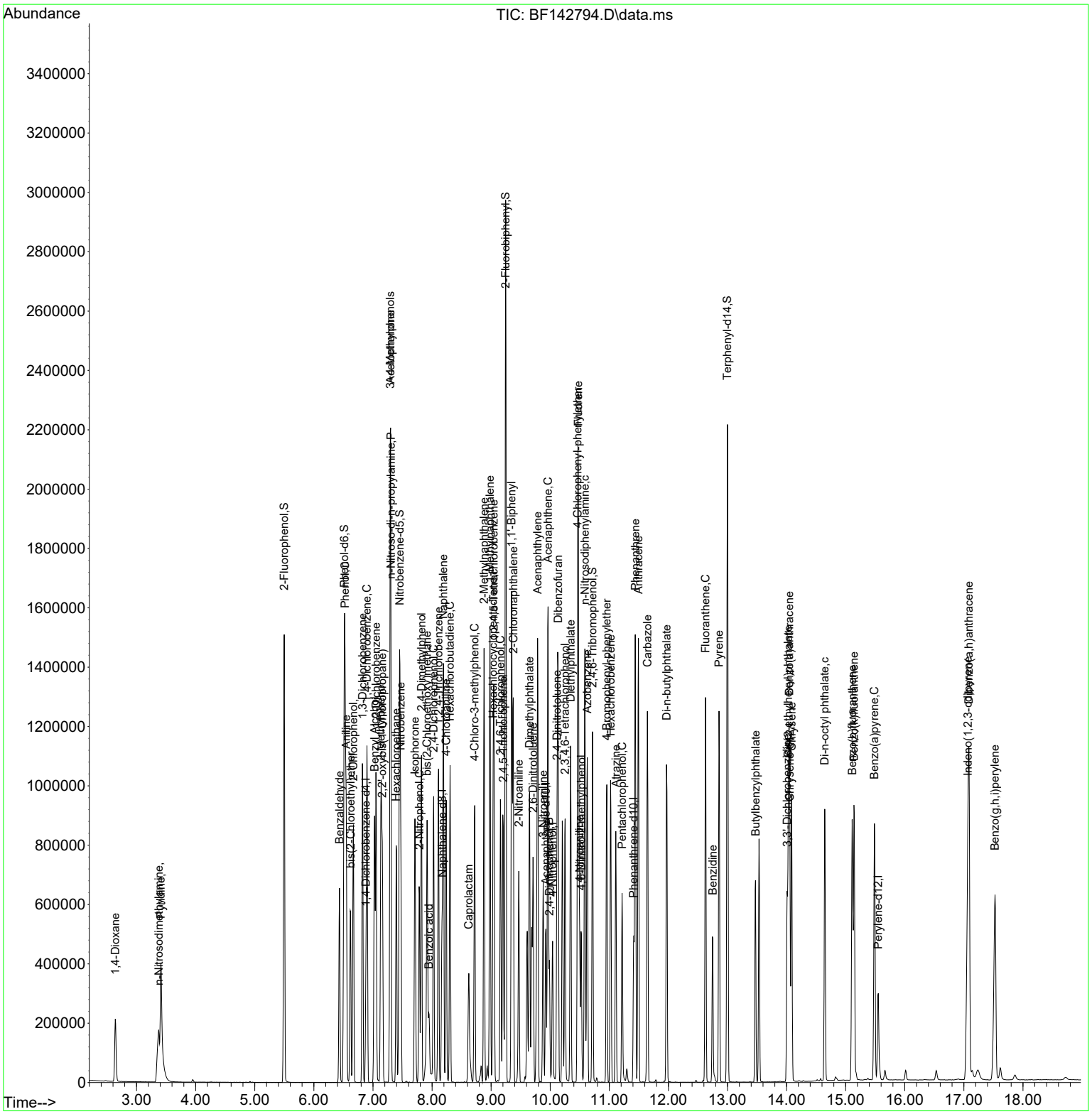
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	196769	60.565	ng	99
46) 1,1'-Biphenyl	9.345	154	736970	58.937	ng	99
47) 2-Chloronaphthalene	9.375	162	553304	59.966	ng	99
48) 2-Nitroaniline	9.469	65	162701	62.067	ng	96
49) Acenaphthylene	9.786	152	913540	58.892	ng	100
50) Dimethylphthalate	9.651	163	617097	57.767	ng	100
51) 2,6-Dinitrotoluene	9.710	165	137318	59.299	ng	99
52) Acenaphthene	9.963	154	566138	58.980	ng	100
53) 3-Nitroaniline	9.880	138	154402	61.386	ng	99
54) 2,4-Dinitrophenol	9.986	184	78750	62.843	ng	99
55) Dibenzofuran	10.133	168	802087	58.567	ng	99
56) 4-Nitrophenol	10.039	139	110658	64.811	ng	100
57) 2,4-Dinitrotoluene	10.116	165	184840	60.367	ng	97
58) Fluorene	10.475	166	608786	56.322	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	159997	58.739	ng	97
60) Diethylphthalate	10.345	149	611873	57.662	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	294444	56.089	ng	98
62) 4-Nitroaniline	10.498	138	144821	64.135	ng	98
63) Azobenzene	10.627	77	542118	58.460	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	103180	62.814	ng	100
66) n-Nitrosodiphenylamine	10.586	169	531713	58.540	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	180519	58.311	ng	97
68) Hexachlorobenzene	11.022	284	199479	58.041	ng	99
69) Atrazine	11.110	200	144880	60.075	ng	98
70) Pentachlorophenol	11.216	266	107141	60.023	ng	98
71) Phenanthrene	11.439	178	815330	57.611	ng	99
72) Anthracene	11.492	178	844549	57.653	ng	100
73) Carbazole	11.645	167	729372	59.457	ng	100
74) Di-n-butylphthalate	11.969	149	784514	57.759	ng	100
75) Fluoranthene	12.627	202	770481	57.300	ng	99
77) Benzidine	12.751	184	287238	60.916	ng	100
78) Pyrene	12.857	202	744567	60.812	ng	99
80) Butylbenzylphthalate	13.474	149	238584	65.755	ng	97
81) Benzo(a)anthracene	14.045	228	550008	62.892	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	177798	62.787	ng	100
83) Chrysene	14.086	228	470124	57.743	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	336951	62.326	ng	99
85) Di-n-octyl phthalate	14.645	149	627090	60.871	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	768324	62.432	ng	99
88) Benzo(b)fluoranthene	15.110	252	597533	61.638	ng	100
89) Benzo(k)fluoranthene	15.139	252	518514	54.792	ng	99
90) Benzo(a)pyrene	15.486	252	569694	61.408	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	619236	61.889	ng	99
92) Benzo(g,h,i)perylene	17.527	276	626847	62.795	ng	100

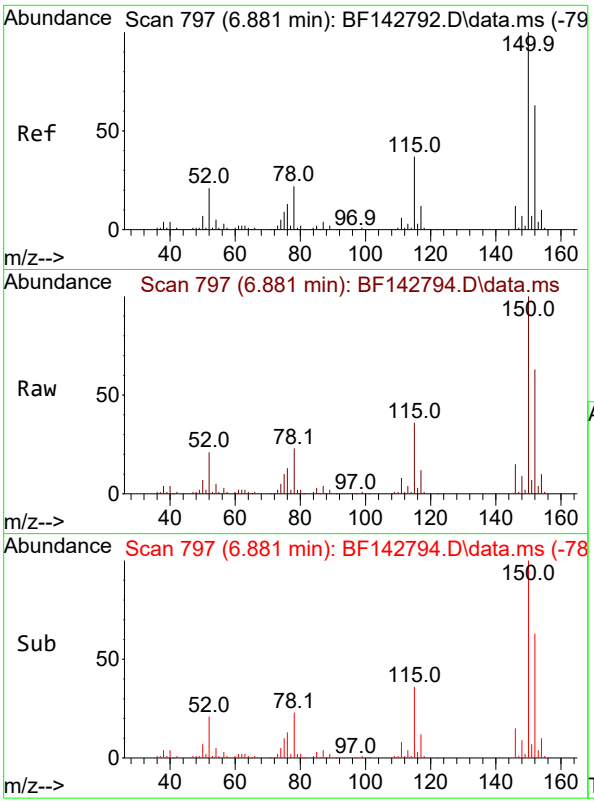
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142794.D
Acq On : 19 Jun 2025 20:10
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jun 20 04:41:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration



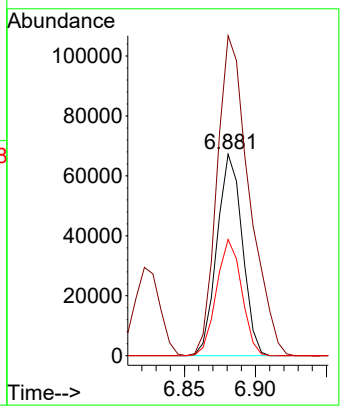


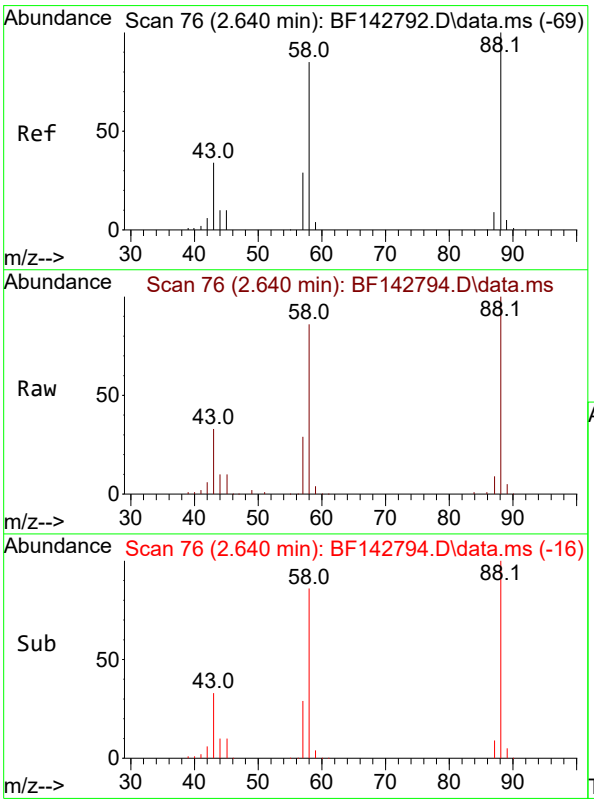
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 83273

Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.2	190.8
115	57.7	46.6	69.8

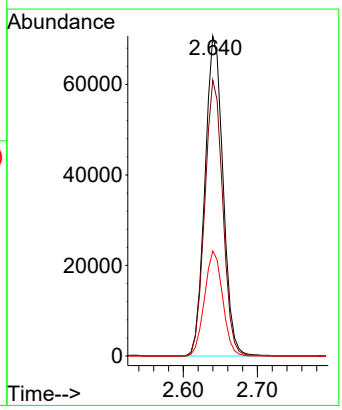


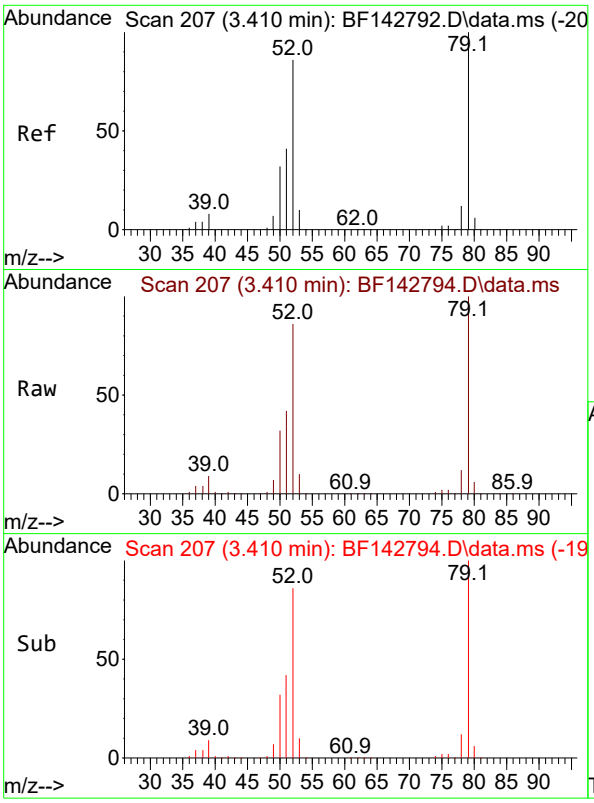


#2
1,4-Dioxane
Concen: 61.705 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion: 88 Resp: 119634

Ion	Ratio	Lower	Upper
88	100		
58	85.7	69.1	103.7
43	32.8	27.4	41.2



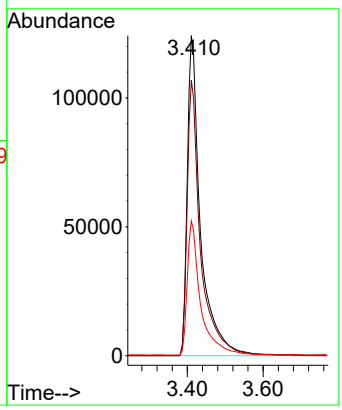


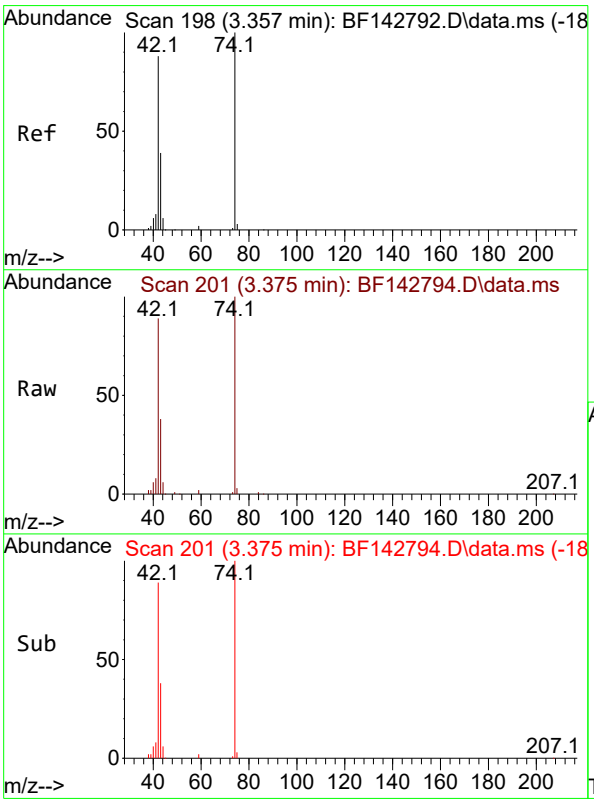
#3
Pyridine
Concen: 62.244 ng
RT: 3.410 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 302137

Ion	Ratio	Lower	Upper
79	100		
52	86.1	69.2	103.8
51	42.1	33.2	49.8

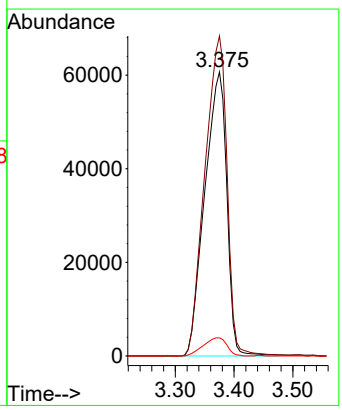


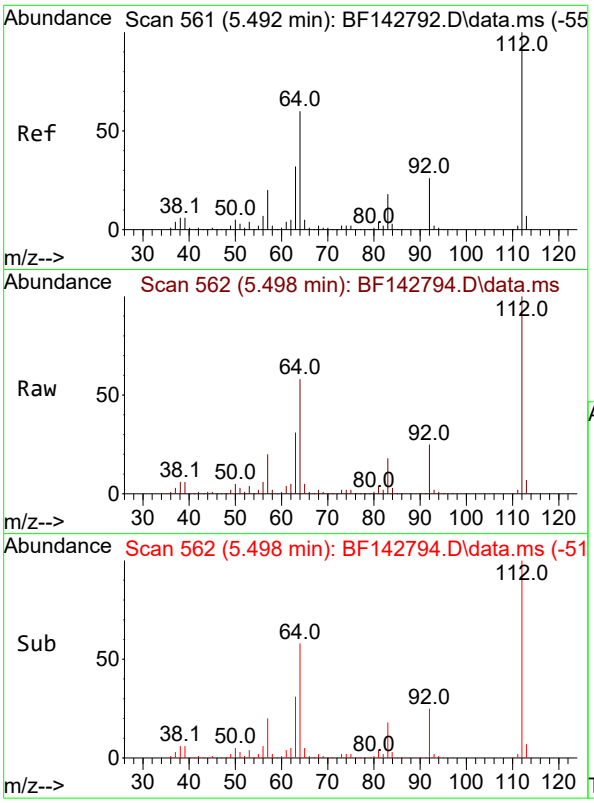


#4
n-Nitrosodimethylamine
Concen: 63.520 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion: 42 Resp: 157914

Ion	Ratio	Lower	Upper
42	100		
74	112.7	90.9	136.3
44	6.4	5.8	8.6



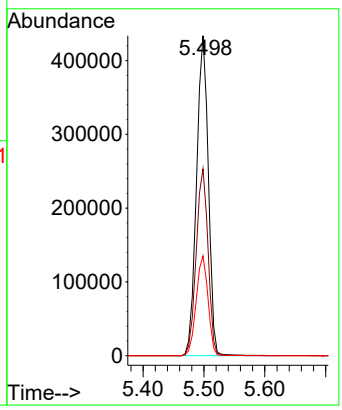


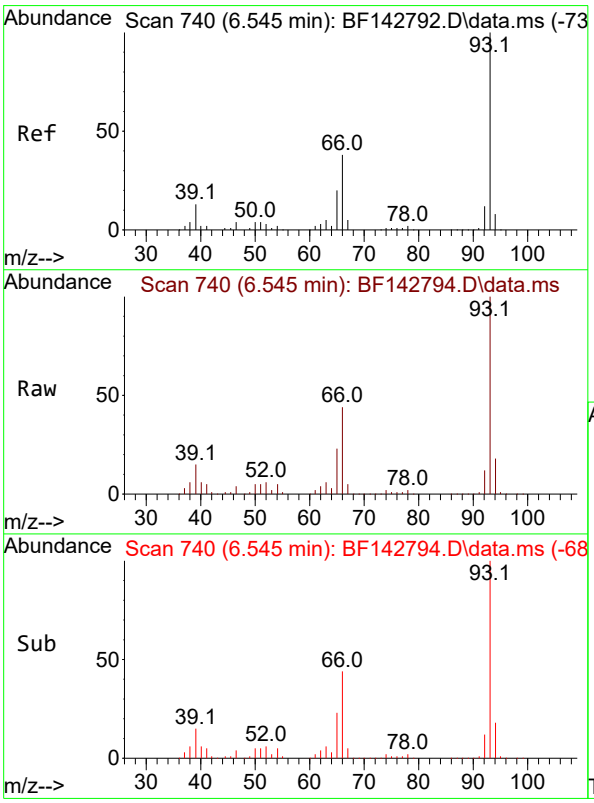
#5
2-Fluorophenol
Concen: 119.852 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 585158

Ion	Ratio	Lower	Upper
112	100		
64	58.4	48.2	72.2
63	31.2	25.7	38.5

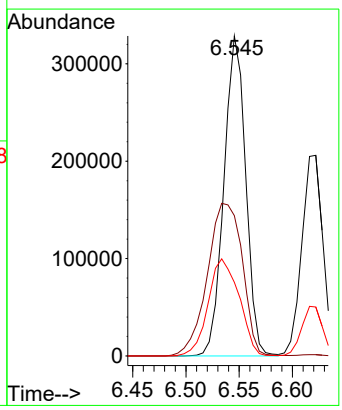


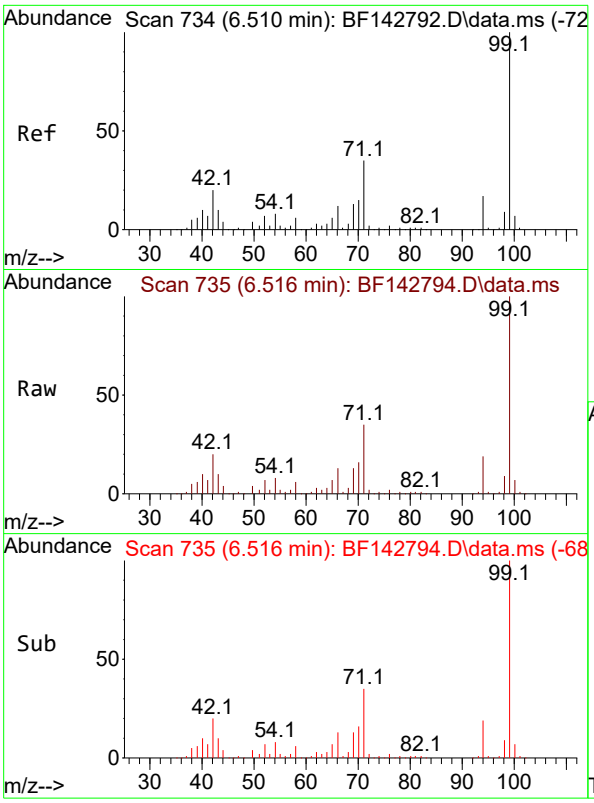


#6
Aniline
Concen: 60.761 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion: 93 Resp: 466855

Ion	Ratio	Lower	Upper
93	100		
66	43.9	31.8	47.6
65	23.0	16.2	24.2



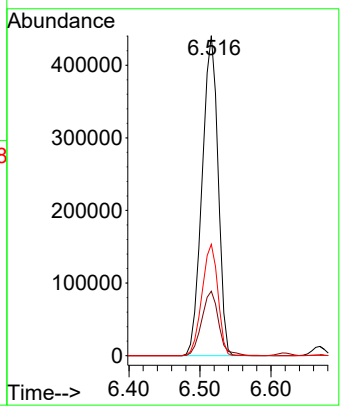


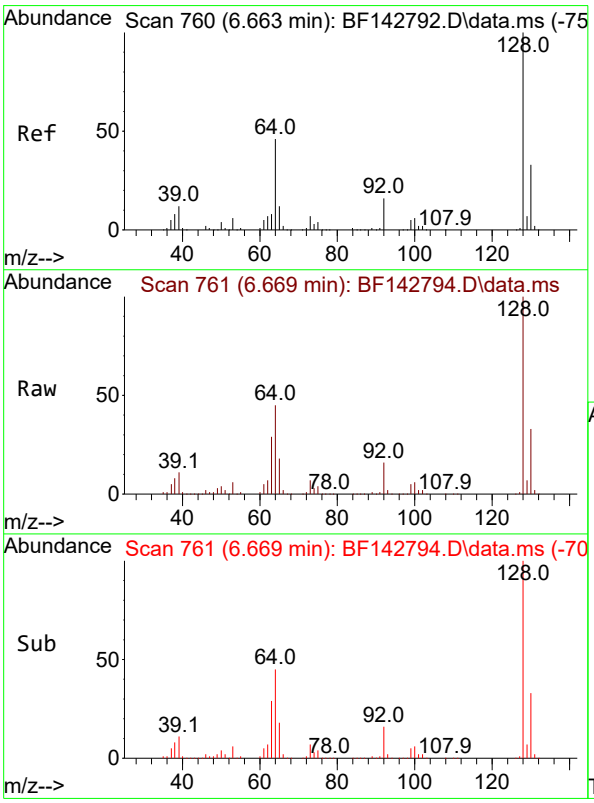
#7
Phenol-d6
Concen: 120.255 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 689436

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.9	23.9
71	34.8	27.8	41.8

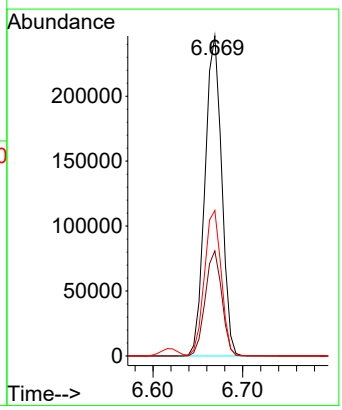


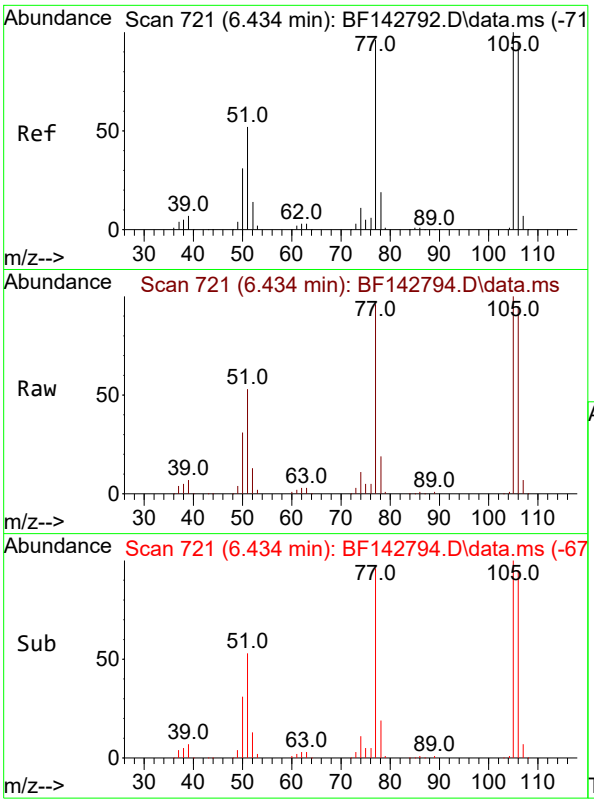


#8
2-Chlorophenol
Concen: 59.767 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:128 Resp: 317743

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	45.5	26.5	66.5



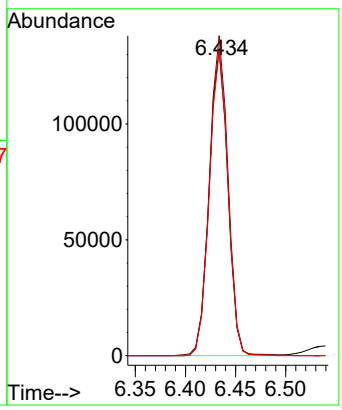


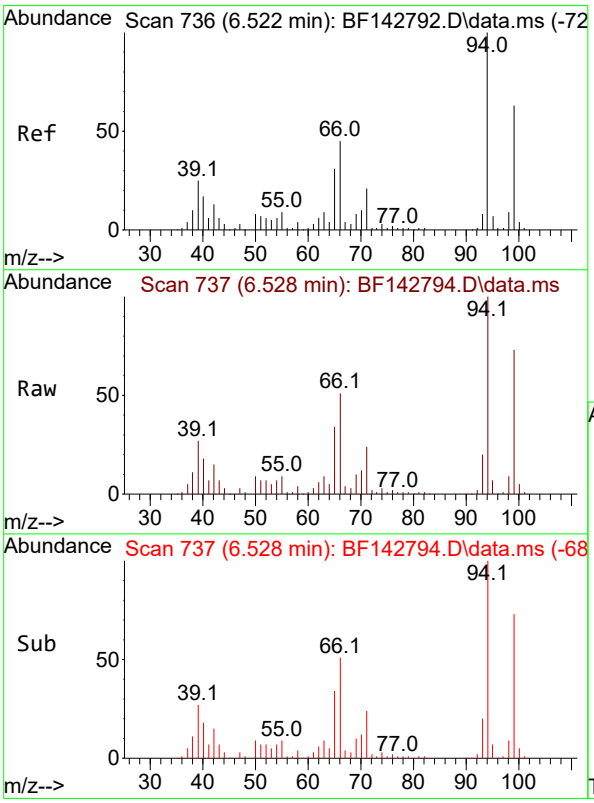
#9
Benzaldehyde
Concen: 48.878 ng
RT: 6.434 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 170843

Ion	Ratio	Lower	Upper
77	100		
105	104.2	83.8	123.8
106	99.1	78.7	118.7

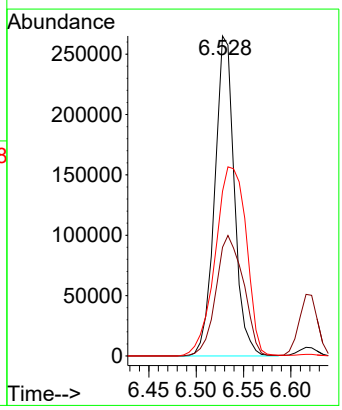


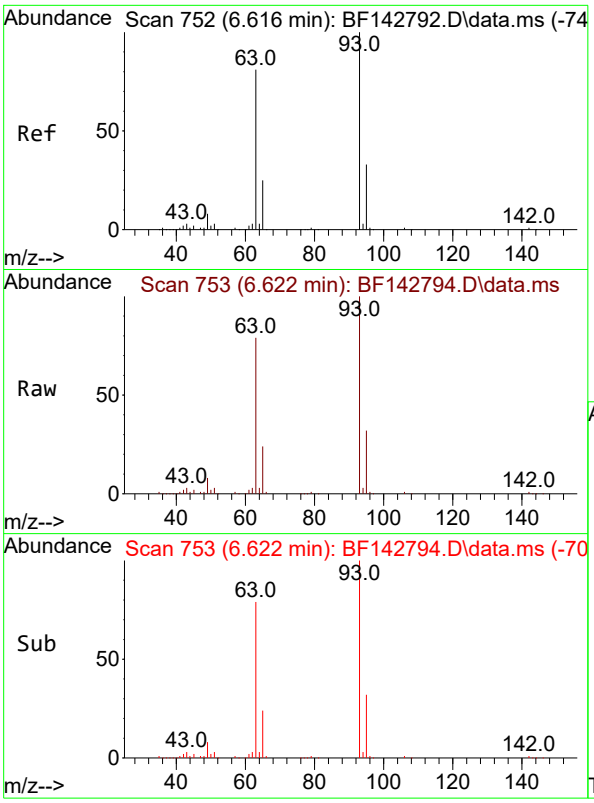


#10
Phenol
Concen: 59.780 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion: 94 Resp: 382126

Ion	Ratio	Lower	Upper
94	100		
65	34.0	11.3	51.3
66	51.4	24.9	64.9



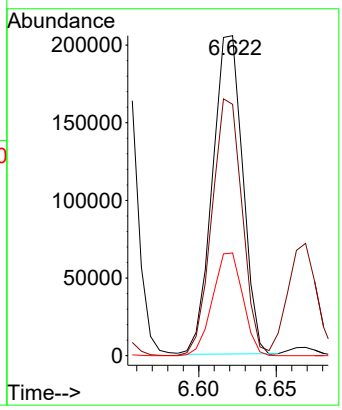


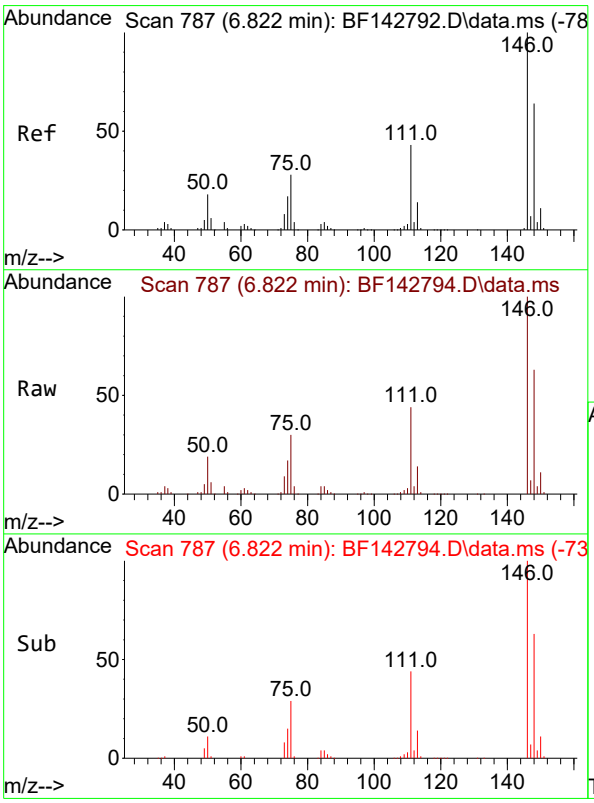
#11
bis(2-Chloroethyl)ether
Concen: 58.802 ng
RT: 6.622 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 278869

Ion	Ratio	Lower	Upper
93	100		
63	78.5	60.3	100.3
95	32.1	12.5	52.5

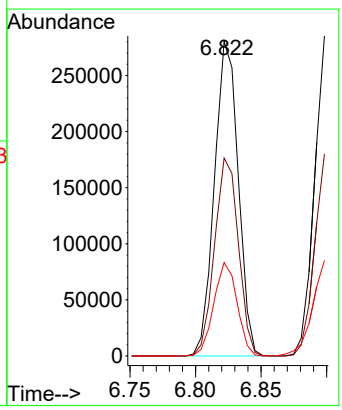


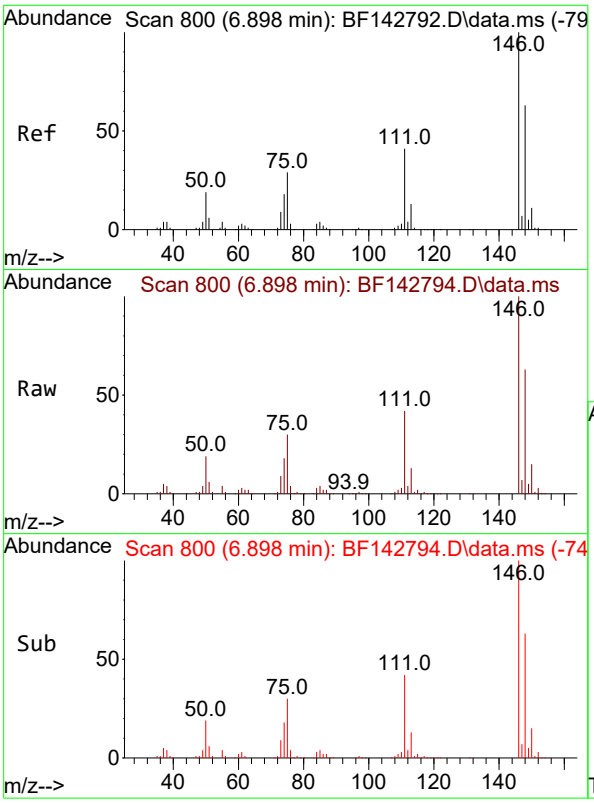


#12
1,3-Dichlorobenzene
Concen: 58.337 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:146 Resp: 353155

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
75	29.7	22.7	34.1



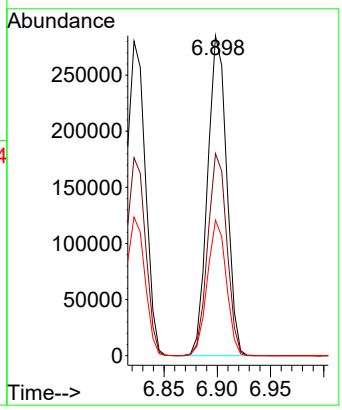


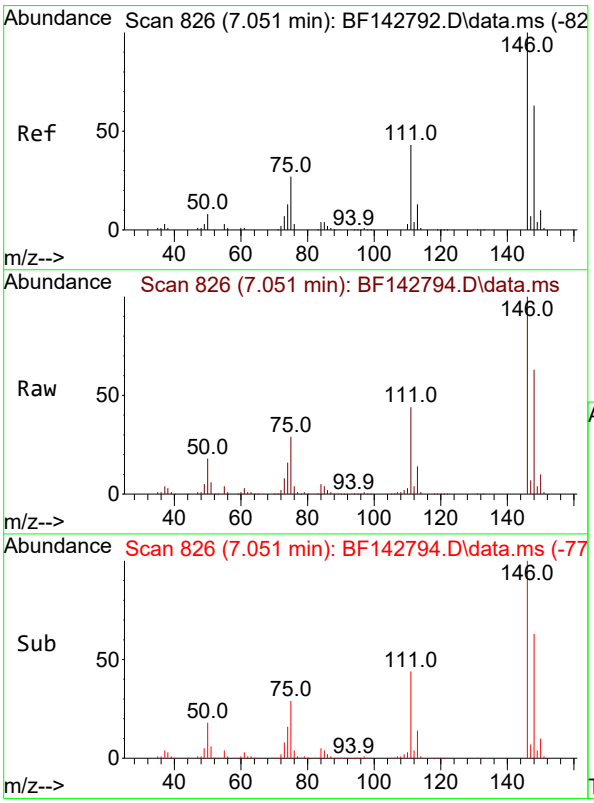
#13
1,4-Dichlorobenzene
Concen: 58.035 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 356089

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.2	75.2
111	42.4	33.2	49.8

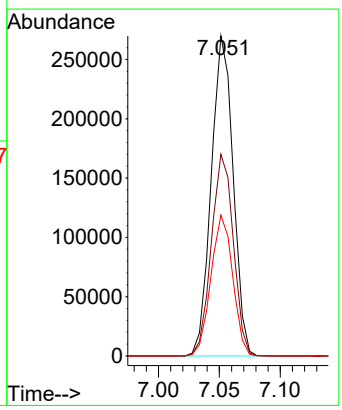


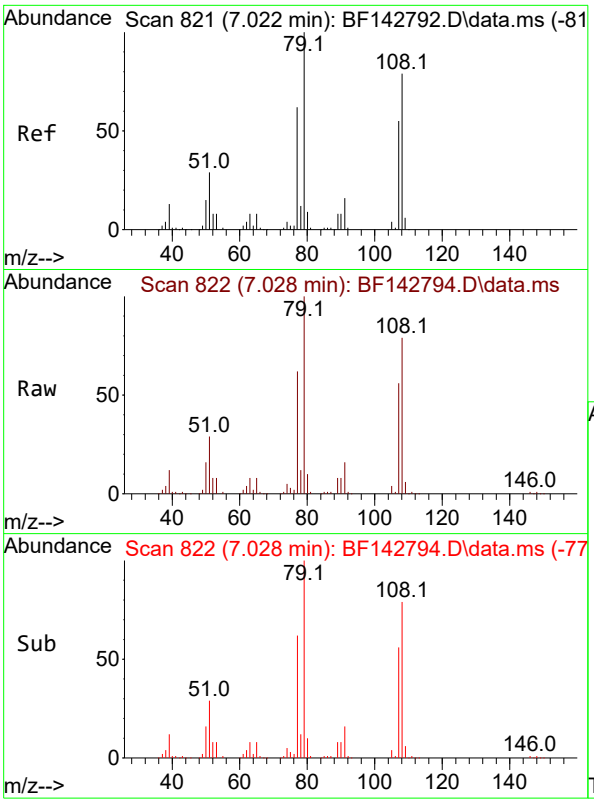


#14
1,2-Dichlorobenzene
Concen: 57.645 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:146 Resp: 338121

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	44.0	34.1	51.1



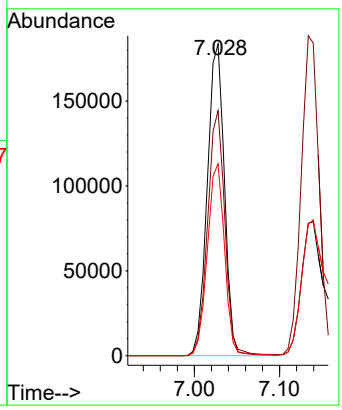


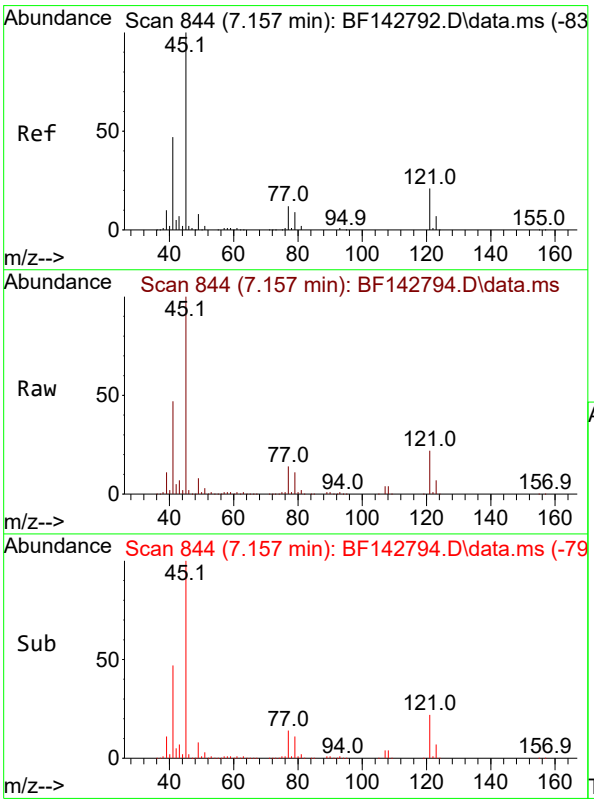
#15
Benzyl Alcohol
Concen: 60.062 ng
RT: 7.028 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 257749

Ion	Ratio	Lower	Upper
79	100		
108	78.6	63.4	95.0
77	61.5	49.5	74.3

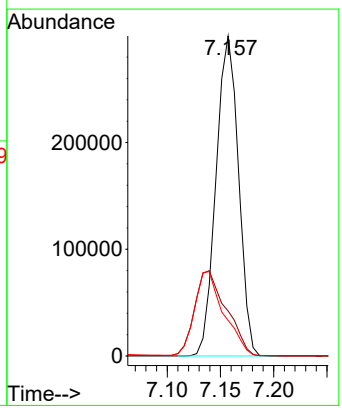


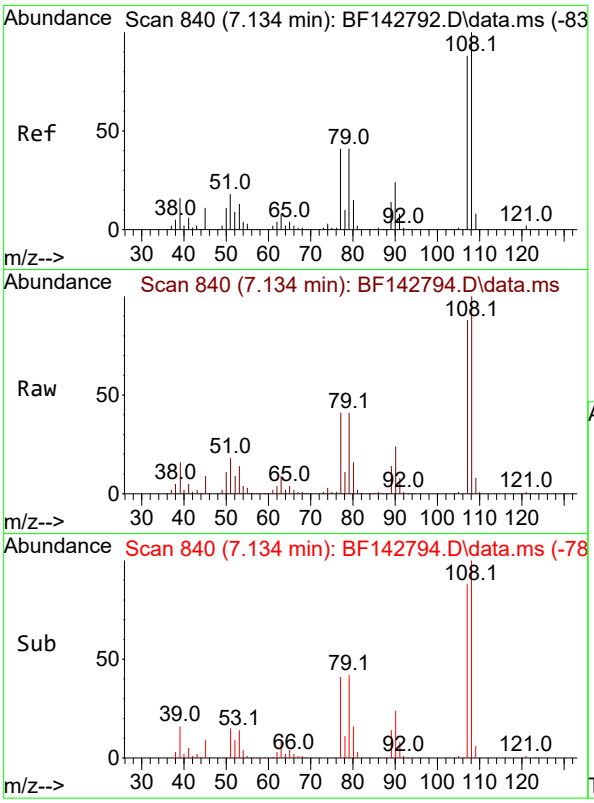


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.763 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion: 45 Resp: 439082

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	32.8
79	11.1	0.0	29.8



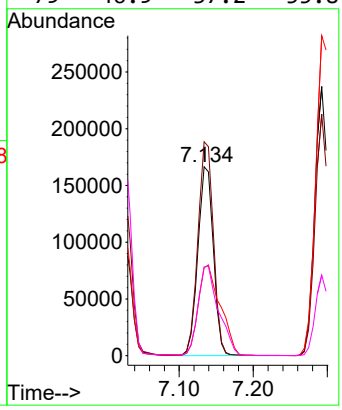


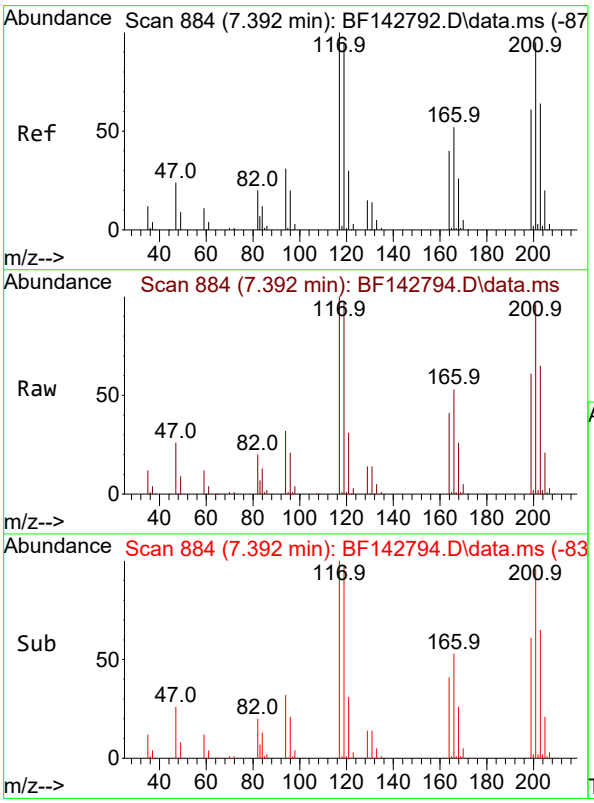
#17
2-Methylphenol
Concen: 59.716 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 242711

Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.9	136.3
77	46.6	37.3	55.9
79	46.9	37.2	55.8

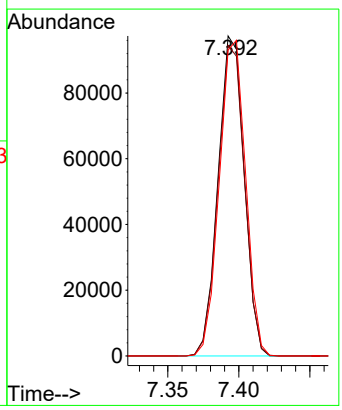


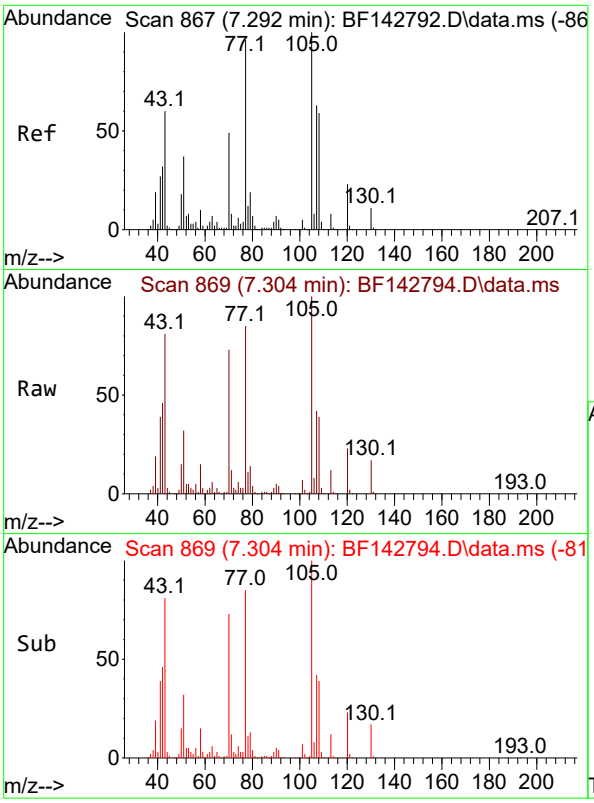


#18
Hexachloroethane
Concen: 56.741 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:117 Resp: 124457

Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.4	113.0
201	95.6	75.9	113.9



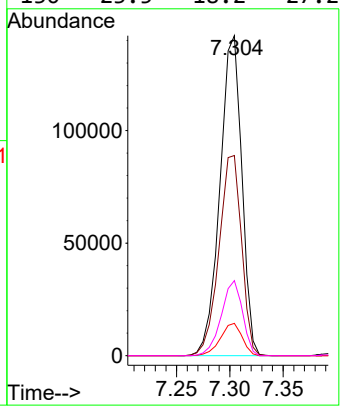


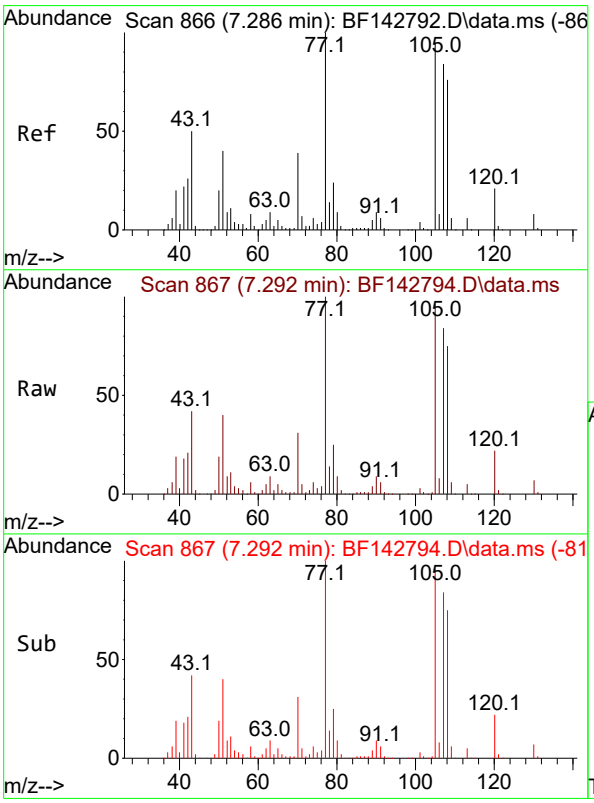
#19
n-Nitroso-di-n-propylamine
Concen: 56.123 ng
RT: 7.304 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 202914

Ion	Ratio	Lower	Upper
70	100		
42	62.6	52.1	78.1
101	10.1	8.2	12.2
130	23.5	18.2	27.2

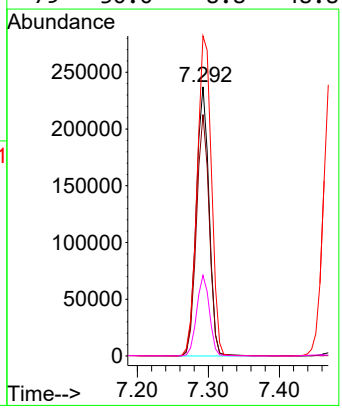


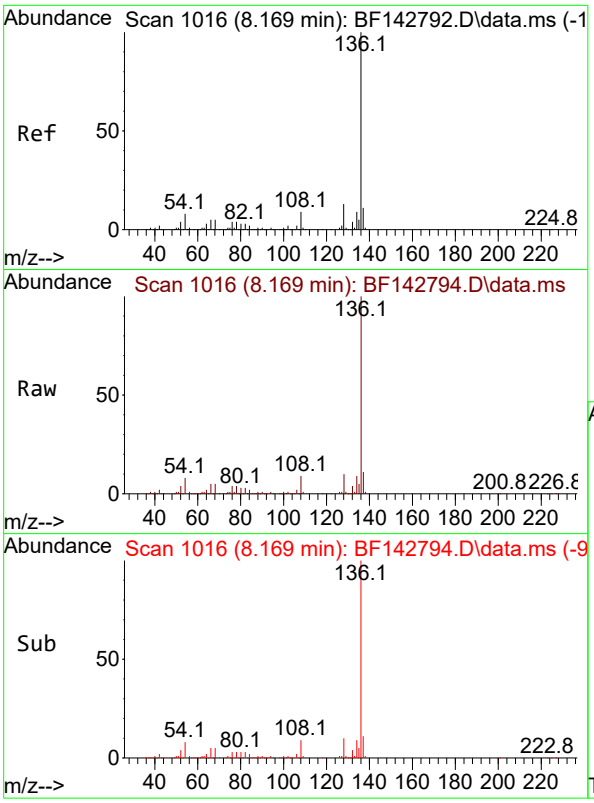


#20
3+4-Methylphenols
Concen: 58.442 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:107 Resp: 298960

Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.0	110.0
77	118.9	98.5	138.5
79	30.0	8.8	48.8



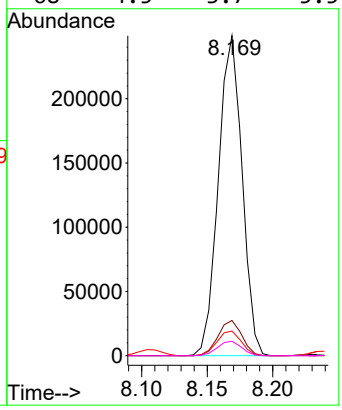


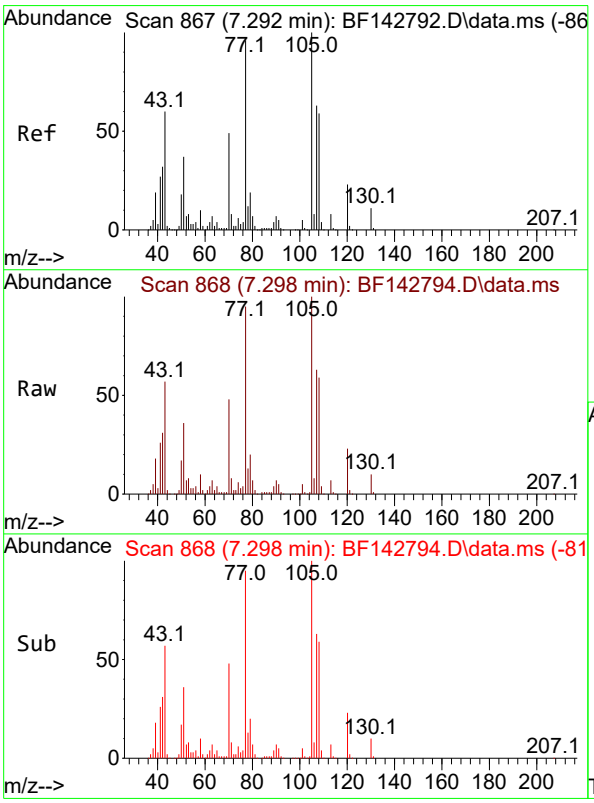
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 313390

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.7	6.3	9.5
68	4.5	3.7	5.5

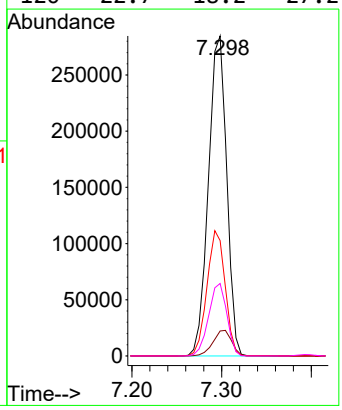


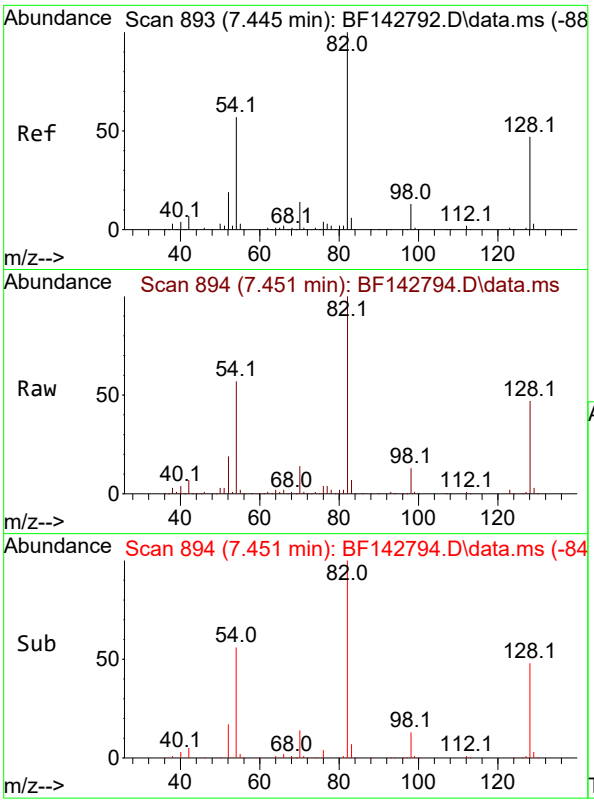


#22
Acetophenone
Concen: 58.063 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:105 Resp: 402615

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.5	9.7
51	36.1	29.8	44.8
120	22.7	18.2	27.2



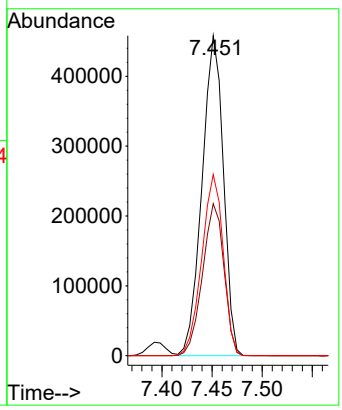


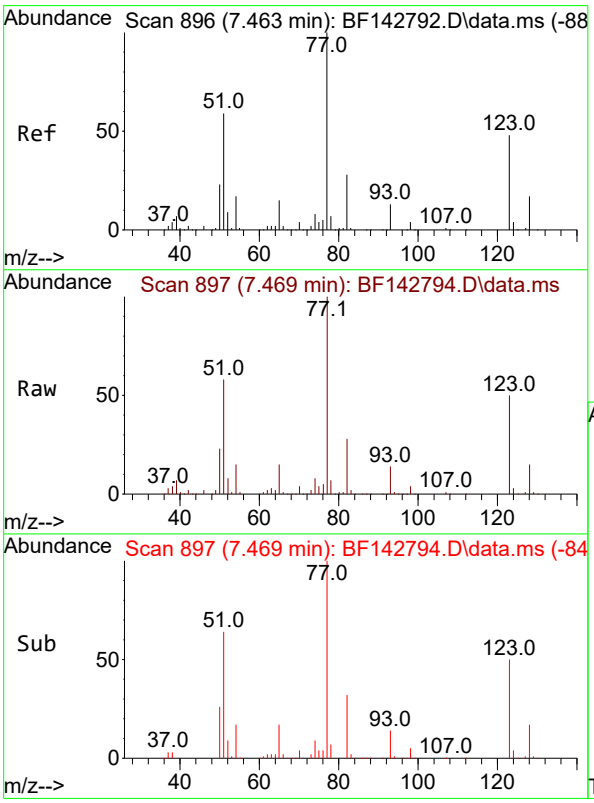
#23
Nitrobenzene-d5
Concen: 119.003 ng
RT: 7.451 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 680402

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.7	56.5
54	56.6	45.7	68.5

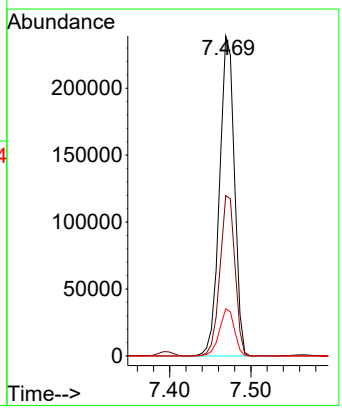


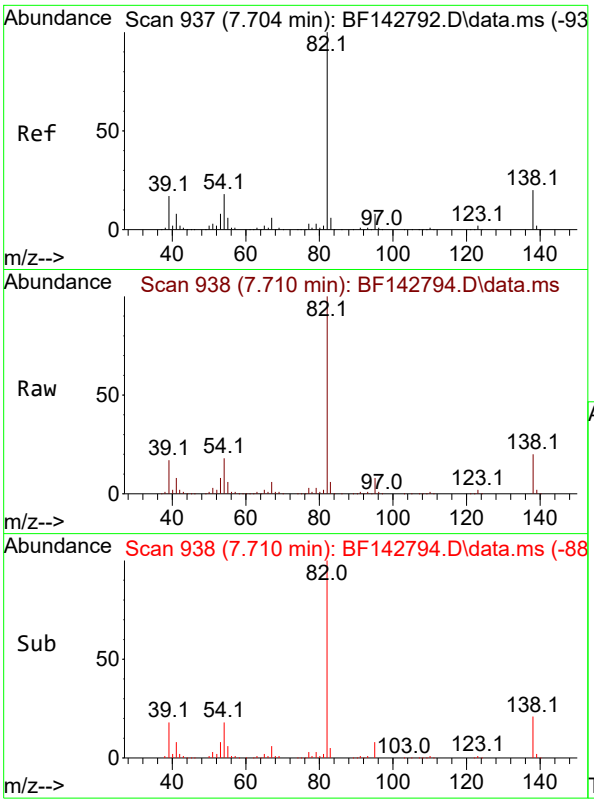


#24
Nitrobenzene
Concen: 60.229 ng
RT: 7.469 min Scan# 897
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion: 77 Resp: 306032

Ion	Ratio	Lower	Upper
77	100		
123	50.1	39.2	58.8
65	14.7	11.6	17.4



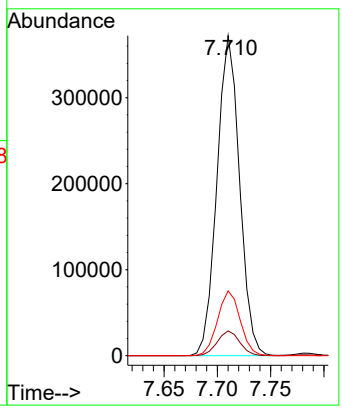


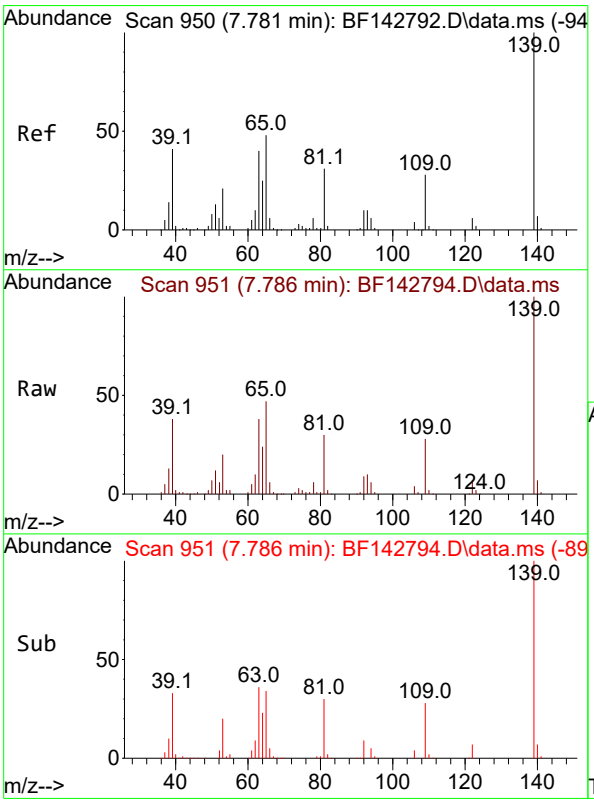
#25
Isophorone
Concen: 57.216 ng
RT: 7.710 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 548612

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.2	9.2
138	20.3	16.2	24.4

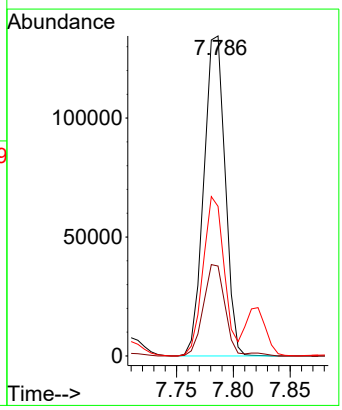


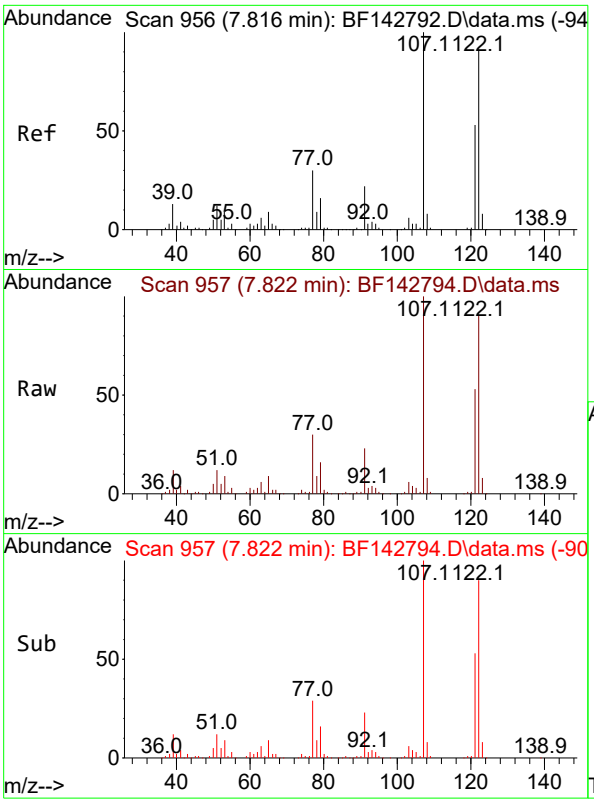


#26
2-Nitrophenol
Concen: 61.836 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:139 Resp: 175072

Ion	Ratio	Lower	Upper
139	100		
109	28.1	22.7	34.1
65	46.8	38.6	58.0



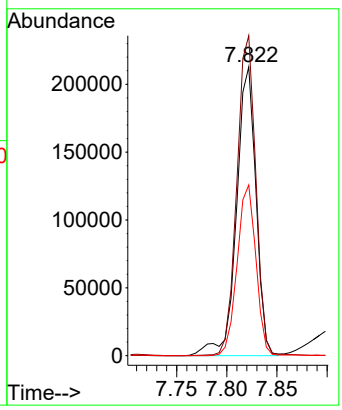


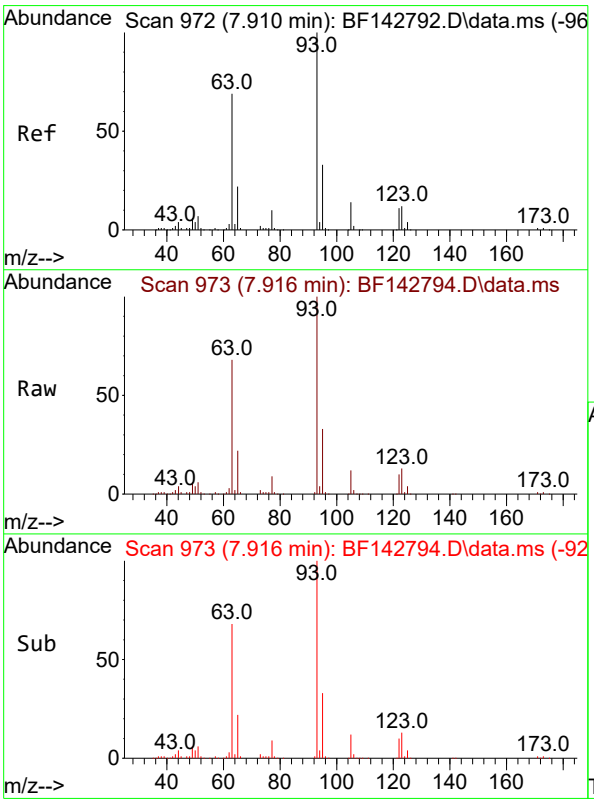
#27
2,4-Dimethylphenol
Concen: 59.859 ng
RT: 7.822 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 288532

Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.0	132.0
121	59.1	46.3	69.5

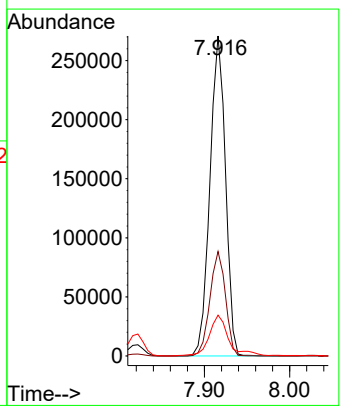


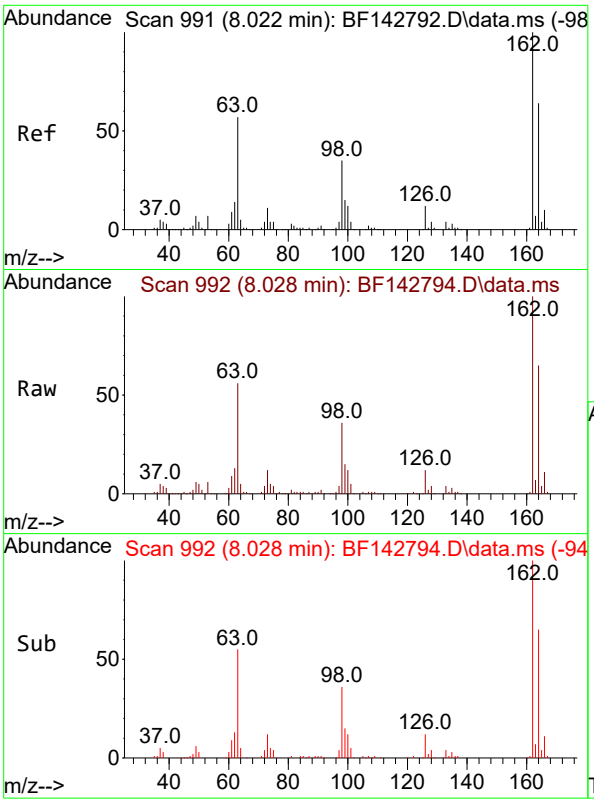


#28
bis(2-Chloroethoxy)methane
Concen: 57.620 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion: 93 Resp: 343925

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	12.8	9.9	14.9



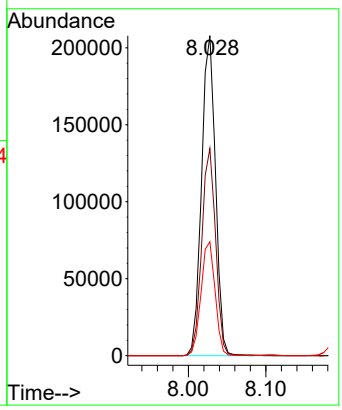


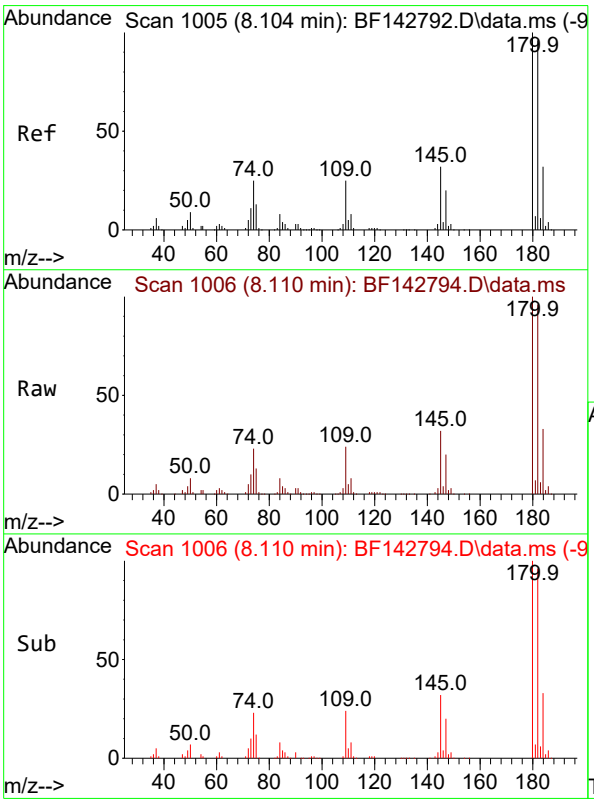
#29
2,4-Dichlorophenol
Concen: 58.574 ng
RT: 8.028 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 260228

Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.0	84.0
98	35.6	15.4	55.4

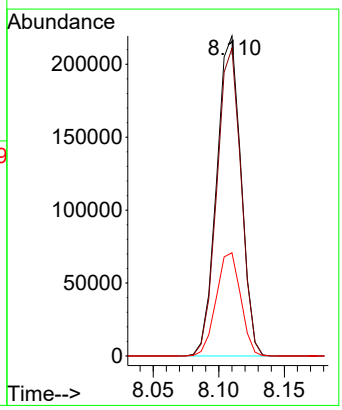


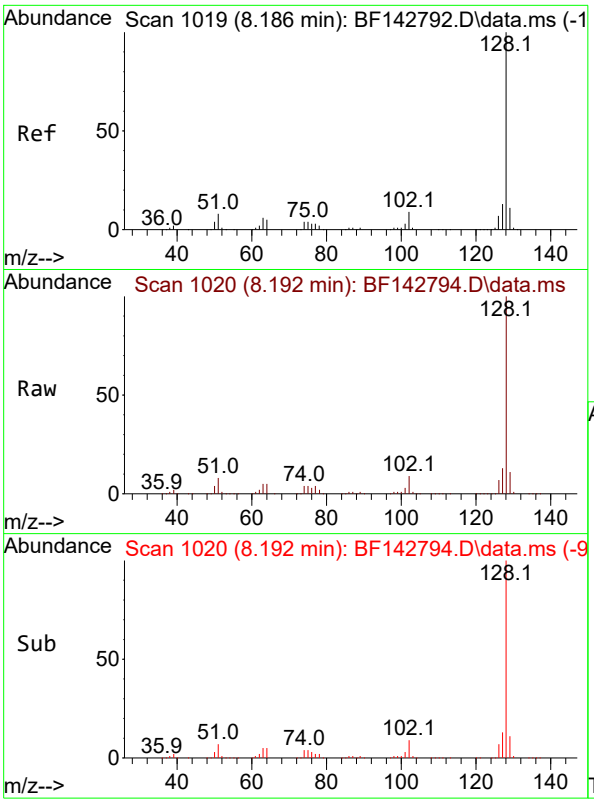


#30
1,2,4-Trichlorobenzene
Concen: 57.608 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:180 Resp: 282721

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	32.2	25.8	38.8



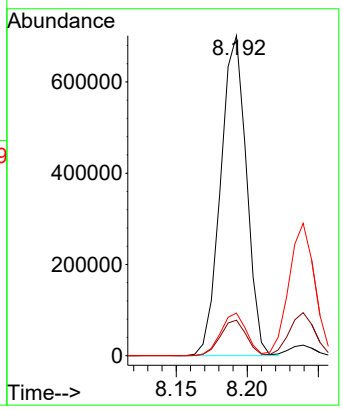


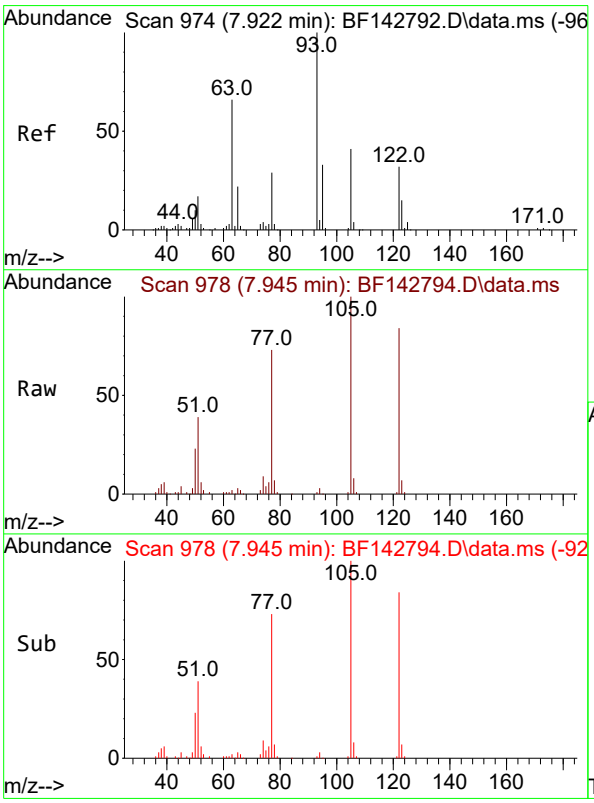
#31
Naphthalene
Concen: 57.524 ng
RT: 8.192 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 886614

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.3	10.4	15.6

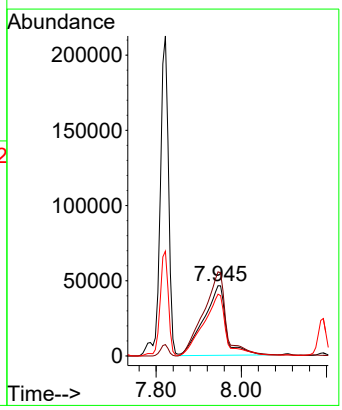


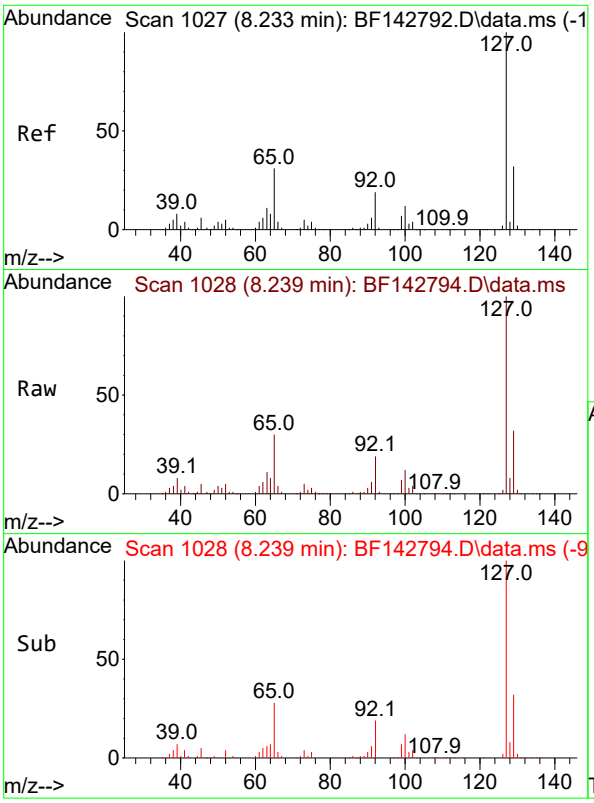


#32
Benzoic acid
Concen: 63.369 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.024 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:122 Resp: 169471

Ion	Ratio	Lower	Upper
122	100		
105	119.7	104.7	144.7
77	87.9	70.2	110.2



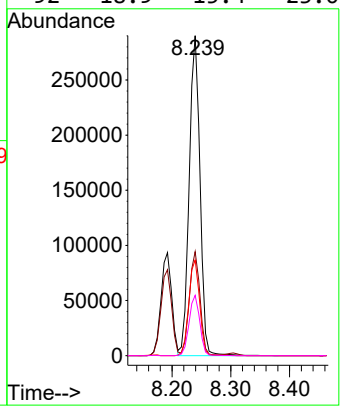


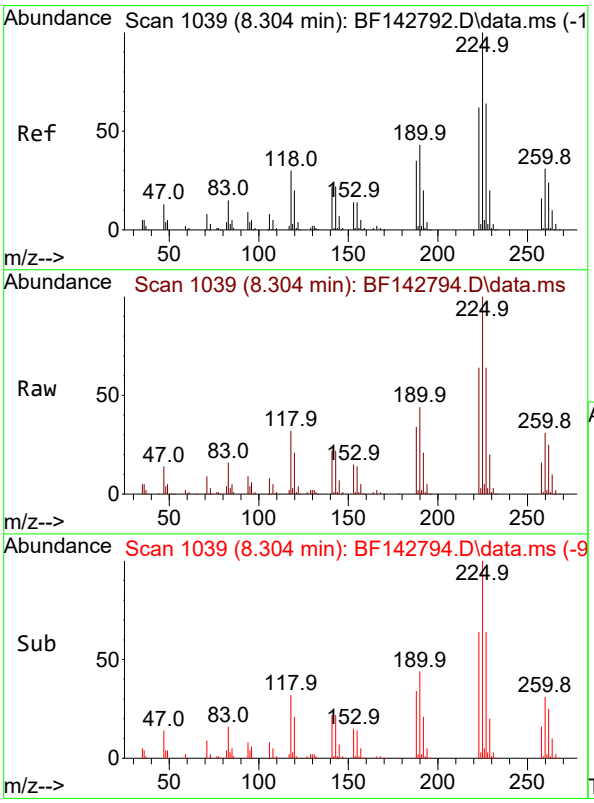
#33
4-Chloroaniline
Concen: 59.887 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 369911

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	29.9	24.6	36.8
92	18.9	15.4	23.0

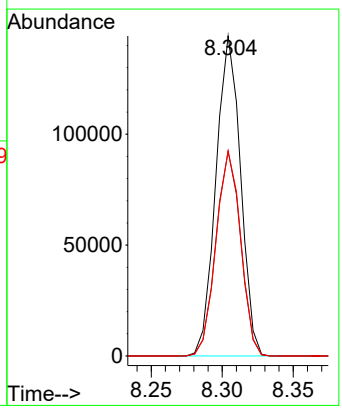


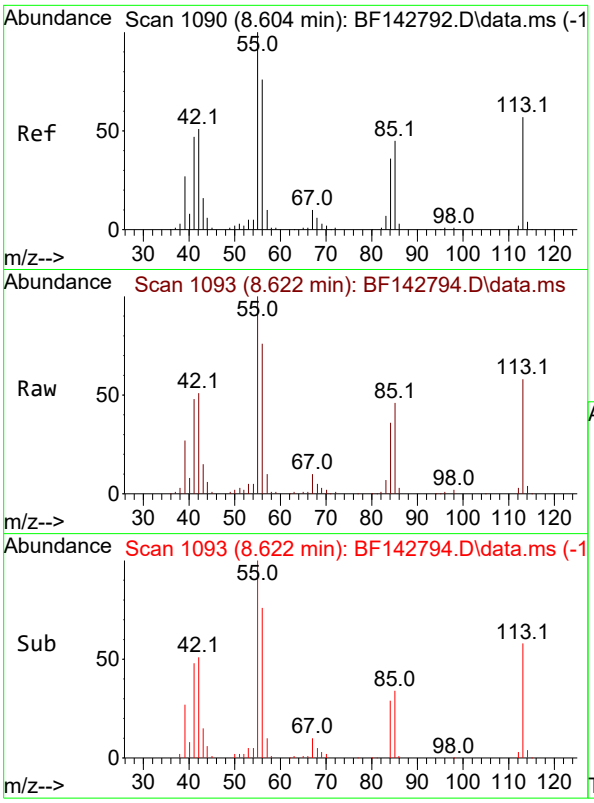


#34
Hexachlorobutadiene
Concen: 55.768 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:225 Resp: 173425

Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.9	74.9
227	64.0	51.4	77.0



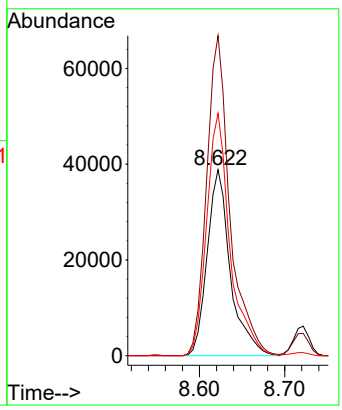


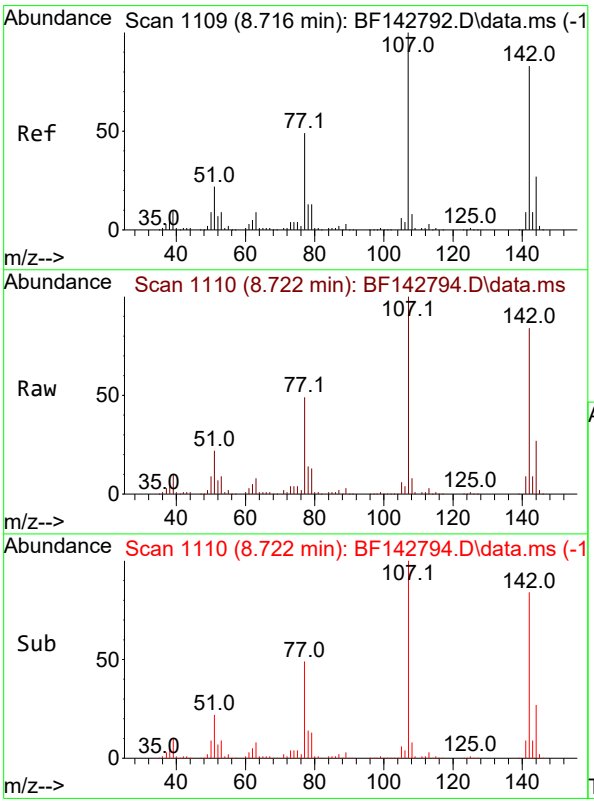
#35
Caprolactam
Concen: 61.157 ng
RT: 8.622 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 73108

Ion	Ratio	Lower	Upper
113	100		
55	172.2	154.4	194.4
56	130.3	112.1	152.1

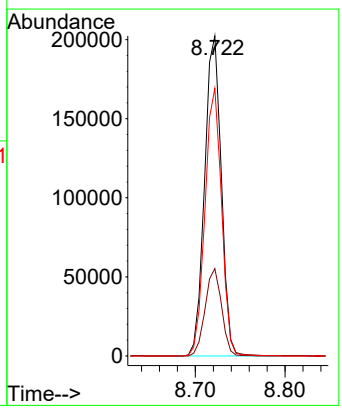


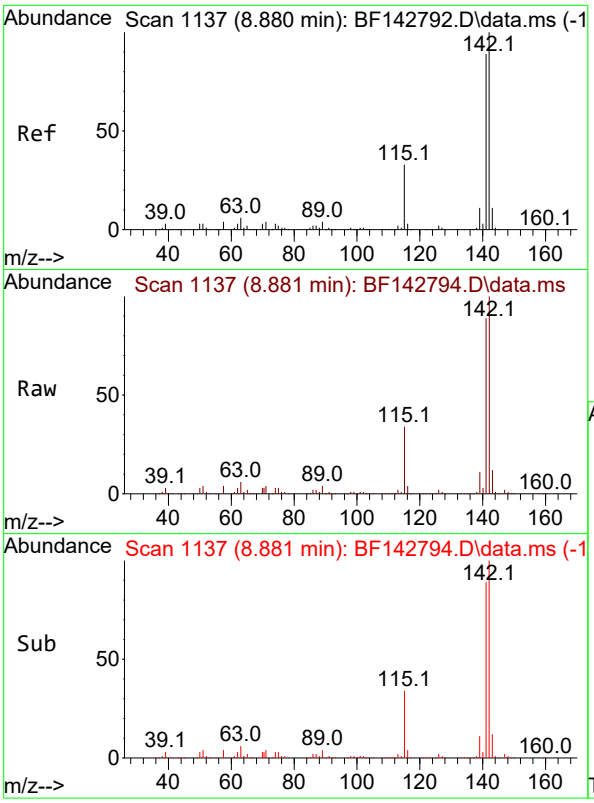


#36
4-Chloro-3-methylphenol
Concen: 56.927 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:107 Resp: 261249

Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.3	31.9
142	83.6	66.6	100.0



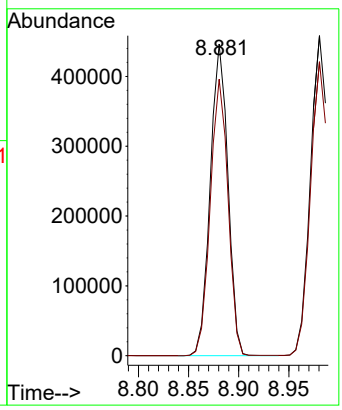


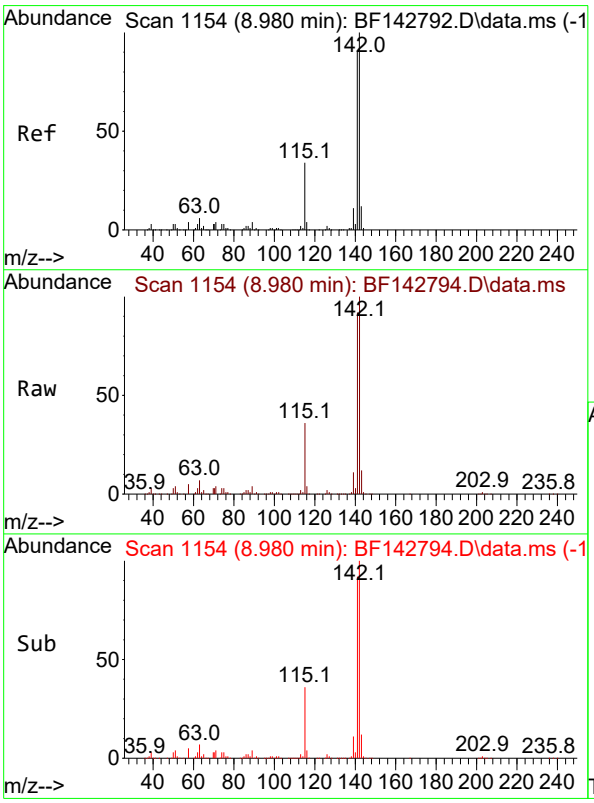
#37
2-Methylnaphthalene
Concen: 56.406 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 548439

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3

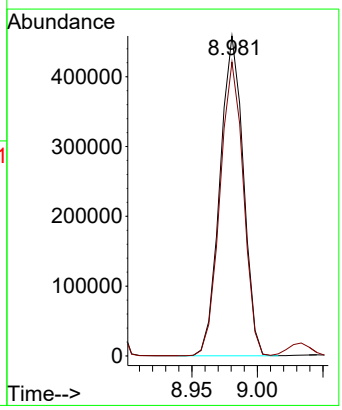


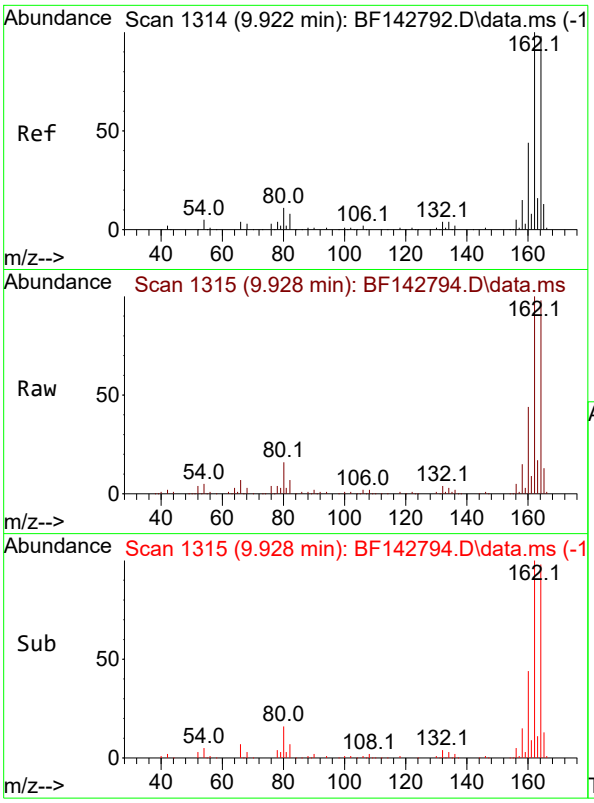


#38
1-Methylnaphthalene
Concen: 56.247 ng
RT: 8.980 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:142 Resp: 567801

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.0	109.4



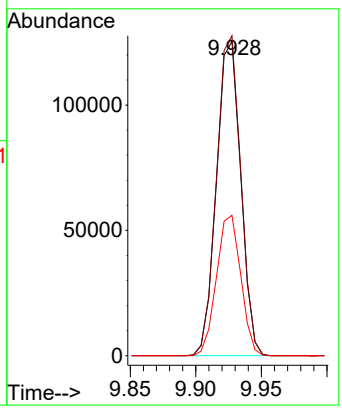


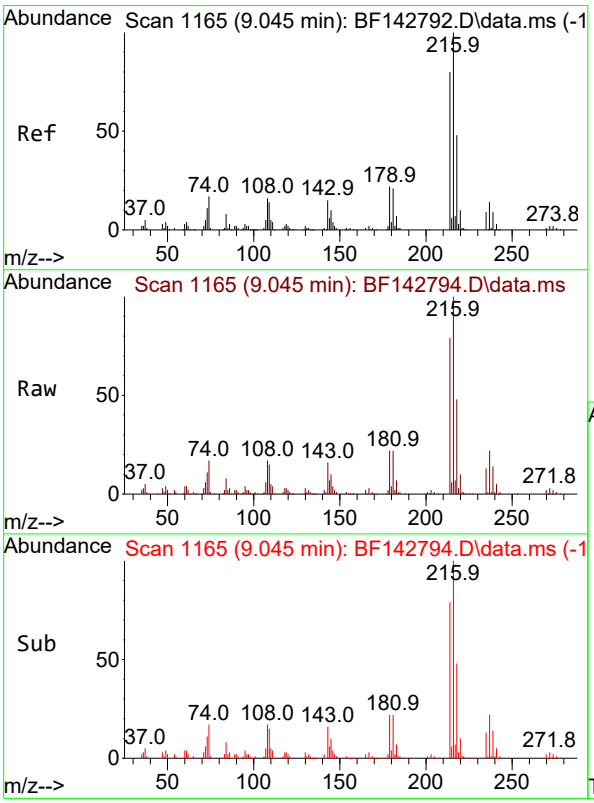
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 161044

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.8
160	44.7	36.0	54.0

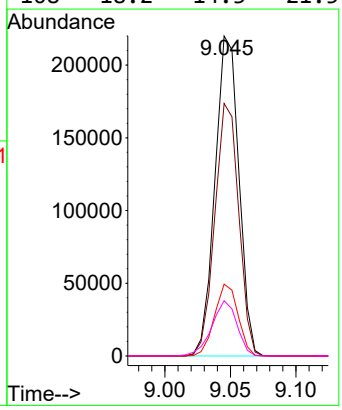


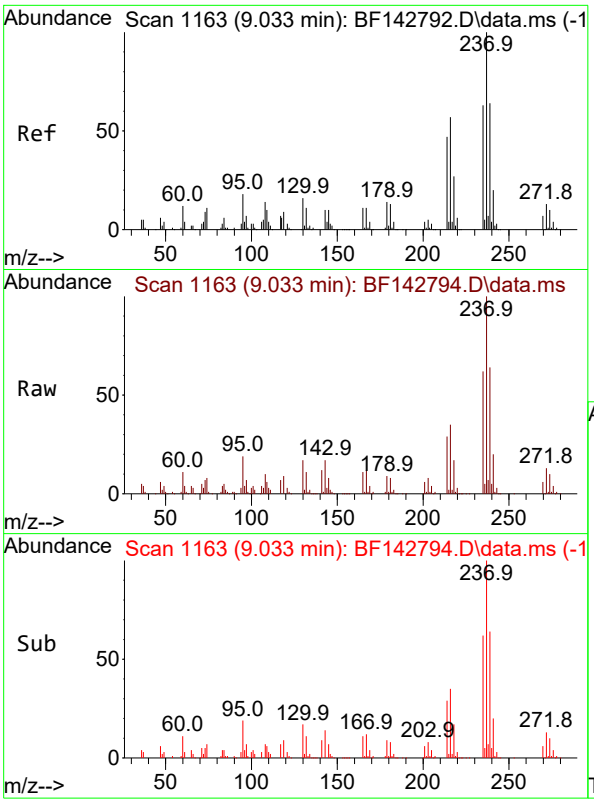


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.918 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:216 Resp: 278551

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.7	95.5
179	22.1	17.6	26.4
108	18.2	14.3	21.5



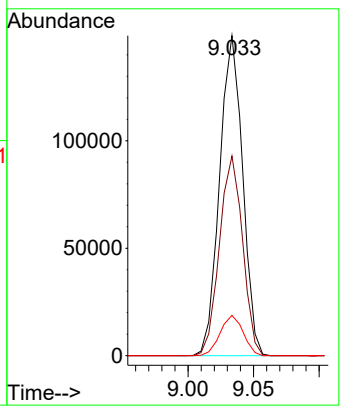


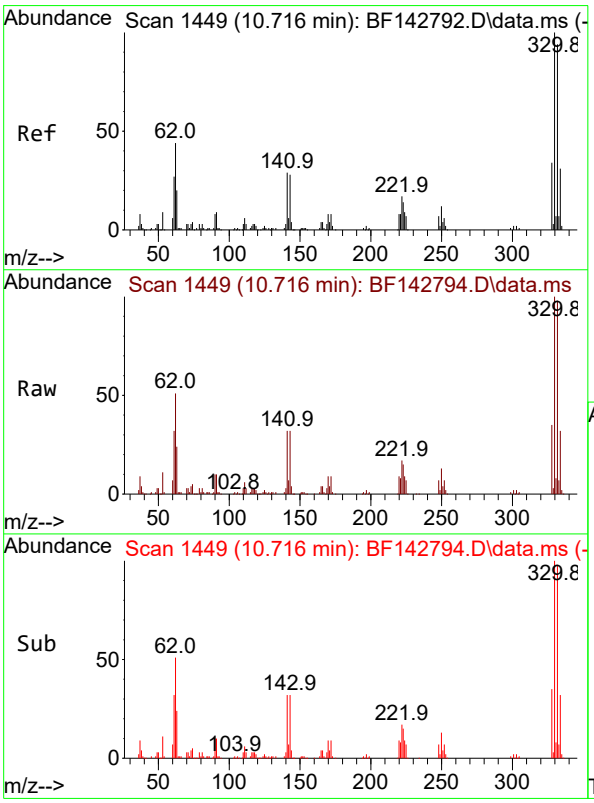
#41
Hexachlorocyclopentadiene
Concen: 61.835 ng
RT: 9.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 181771

Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.4	83.4
272	12.6	0.0	32.7

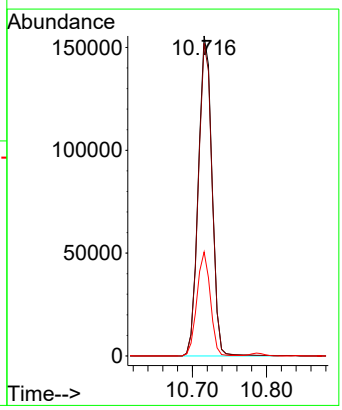


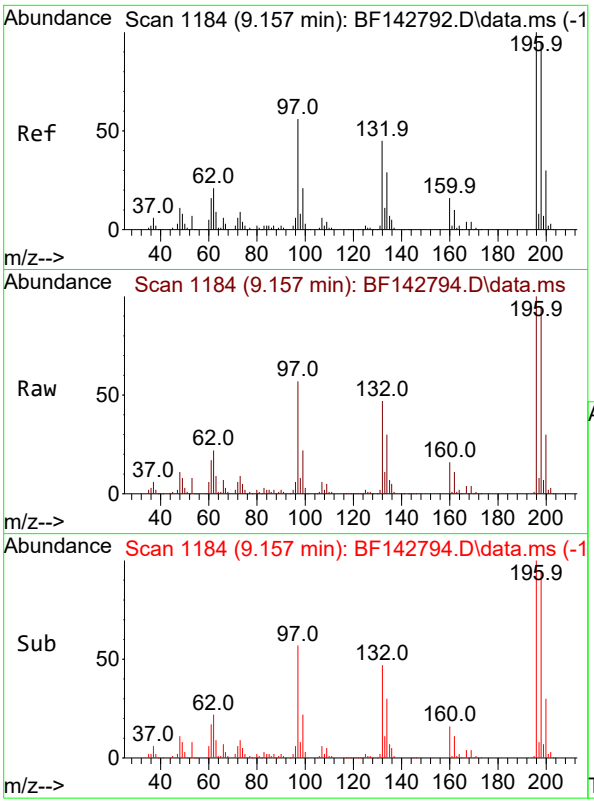


#42
2,4,6-Tribromophenol
Concen: 113.541 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:330 Resp: 198721

Ion	Ratio	Lower	Upper
330	100		
332	98.3	75.0	112.6
141	32.0	25.3	37.9



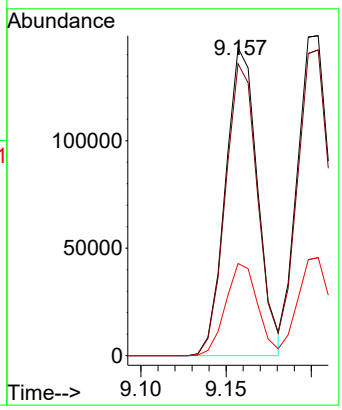


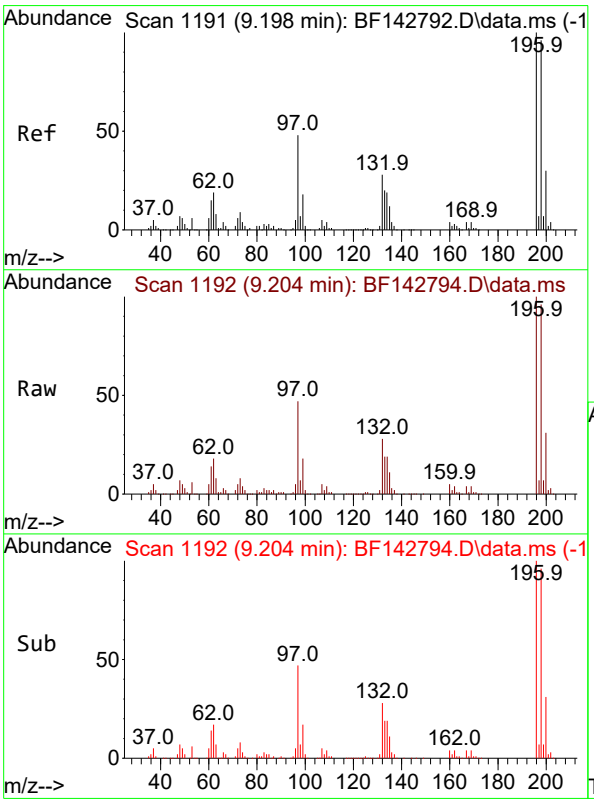
#43
2,4,6-Trichlorophenol
Concen: 62.392 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 187708

Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.2	114.2
200	29.9	24.1	36.1

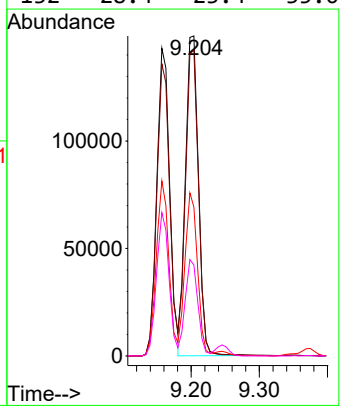


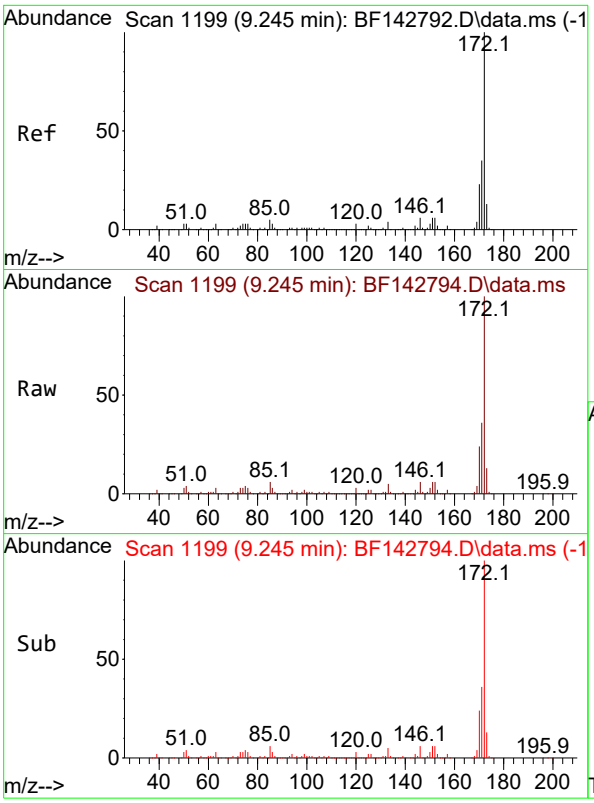


#44
2,4,5-Trichlorophenol
Concen: 60.565 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:196 Resp: 196769

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.6	115.0
97	46.6	38.2	57.2
132	28.4	23.4	35.0



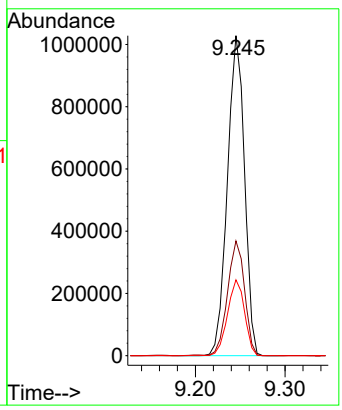


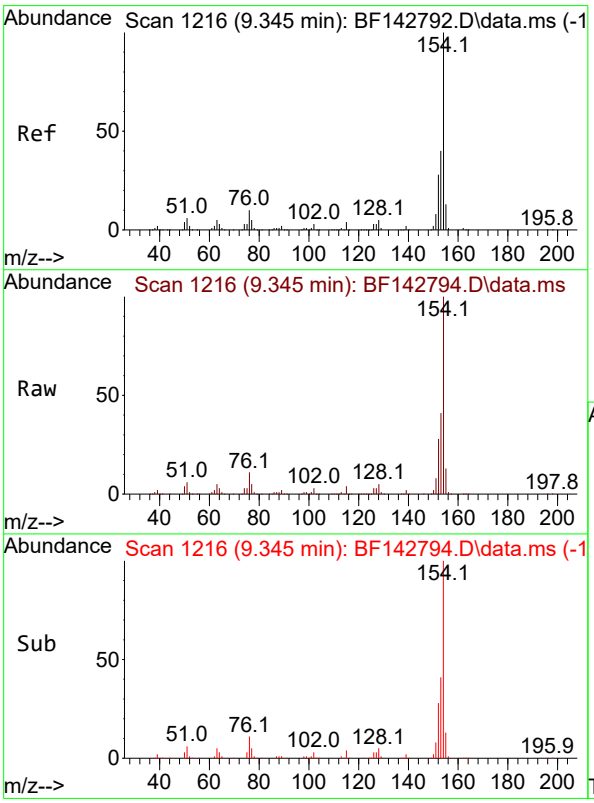
#45
2-Fluorobiphenyl
Concen: 112.392 ng
RT: 9.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 1360586

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	23.7	18.5	27.7

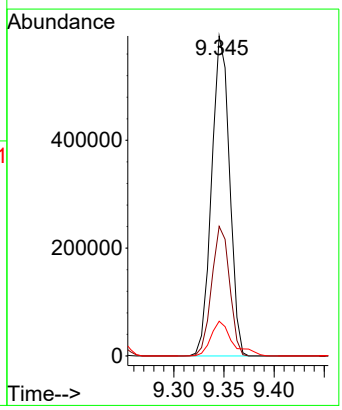


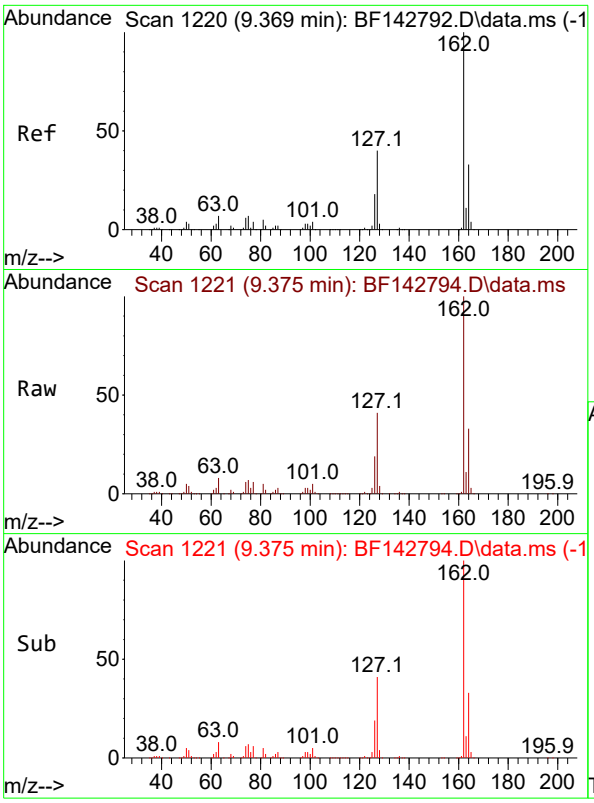


#46
1,1'-Biphenyl
Concen: 58.937 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:154 Resp: 736970

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	10.9	0.0	30.3



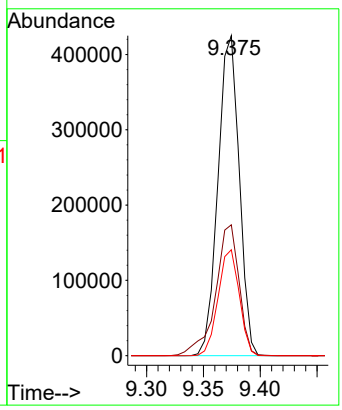


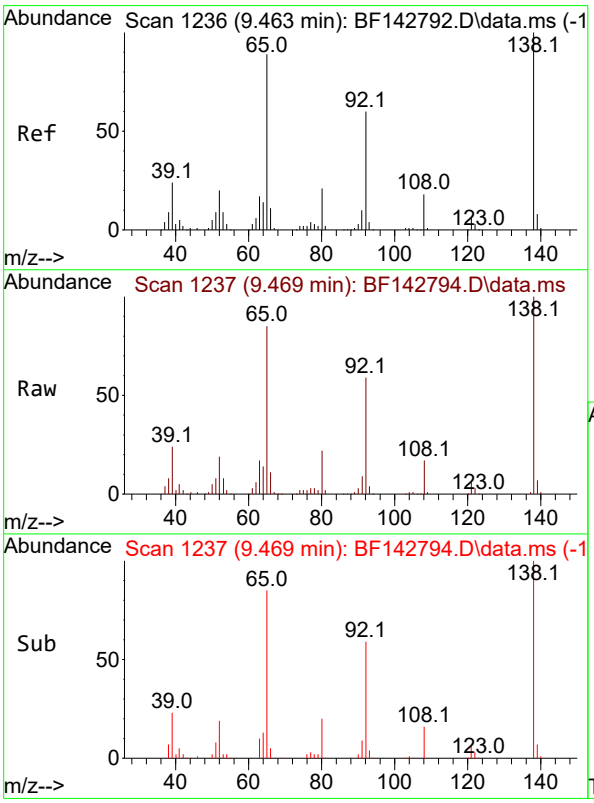
#47
2-Chloronaphthalene
Concen: 59.966 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 553304

Ion	Ratio	Lower	Upper
162	100		
127	40.9	32.2	48.2
164	33.1	26.1	39.1

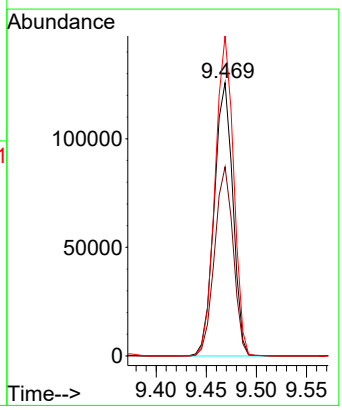


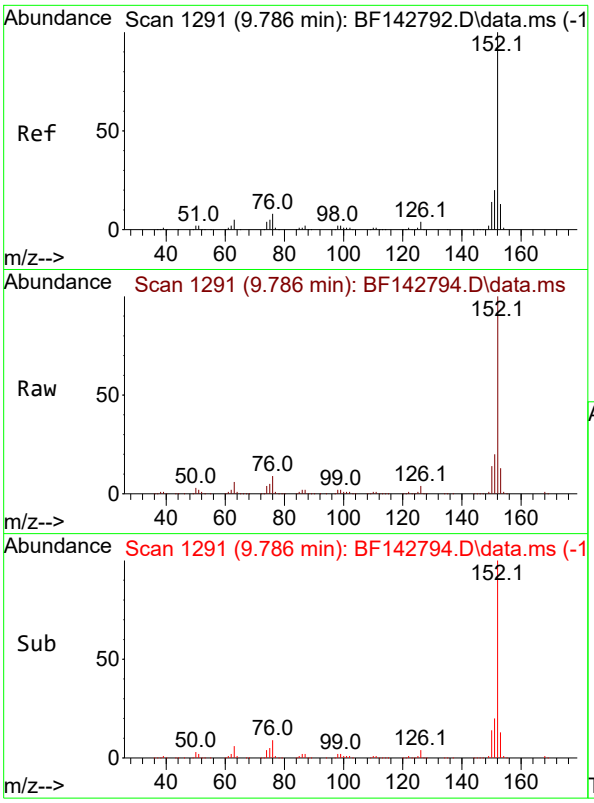


#48
2-Nitroaniline
Concen: 62.067 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion: 65 Resp: 162701

Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.8	80.6
138	117.1	89.6	134.4



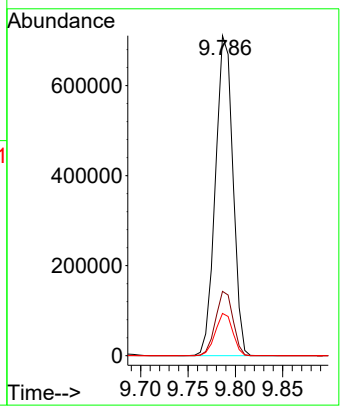


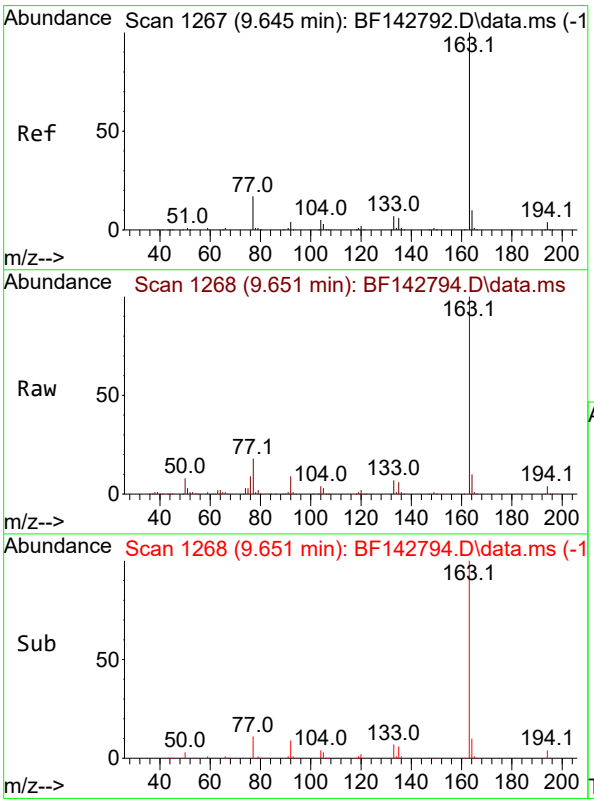
#49
Acenaphthylene
Concen: 58.892 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 913540

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.2	10.4	15.6

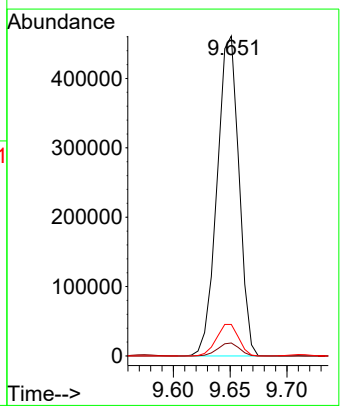


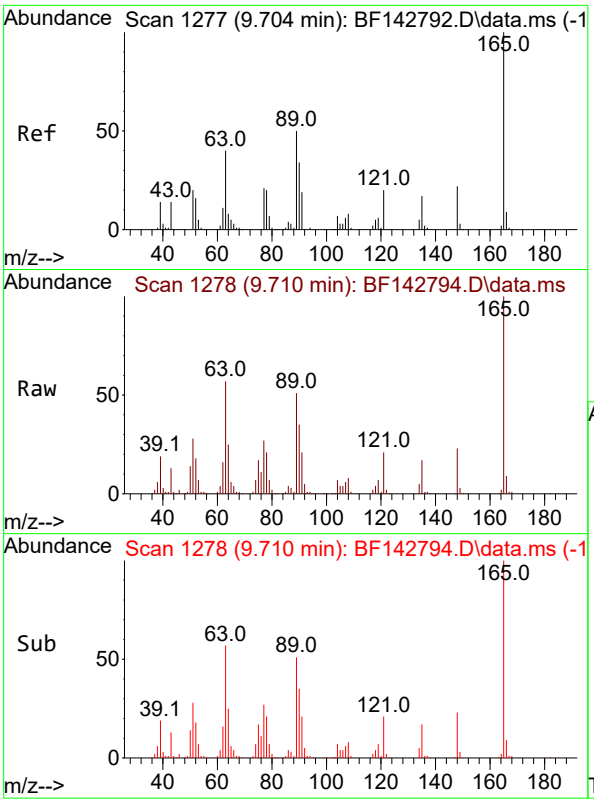


#50
Dimethylphthalate
Concen: 57.767 ng
RT: 9.651 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:163 Resp: 617097

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	8.0	12.0



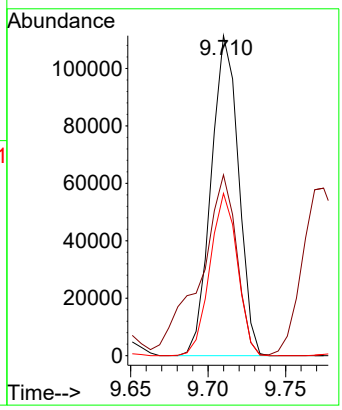


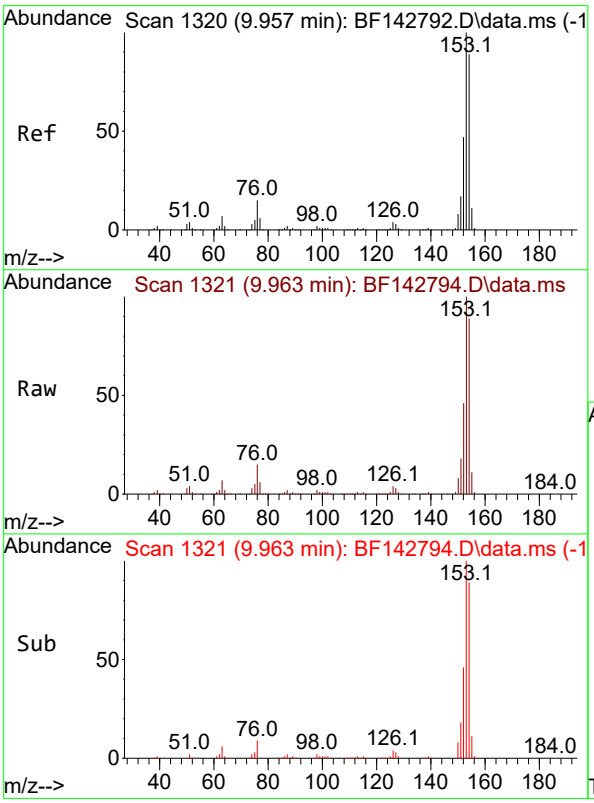
#51
2,6-Dinitrotoluene
Concen: 59.299 ng
RT: 9.710 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 137318

Ion	Ratio	Lower	Upper
165	100		
63	56.5	44.2	66.4
89	50.7	39.8	59.8

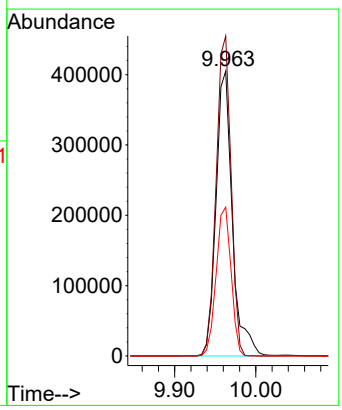


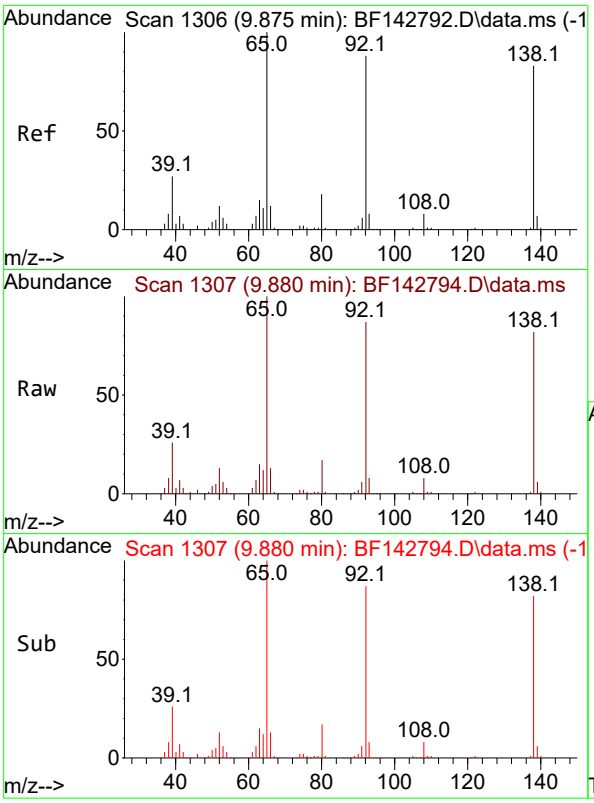


#52
Acenaphthene
Concen: 58.980 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:154 Resp: 566138

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.0	135.0
152	52.2	41.9	62.9



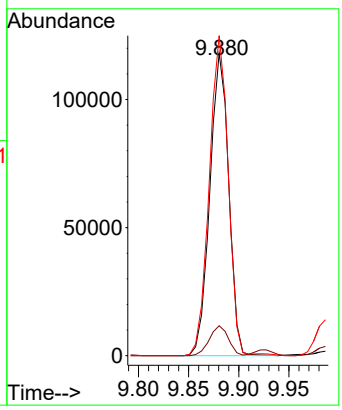


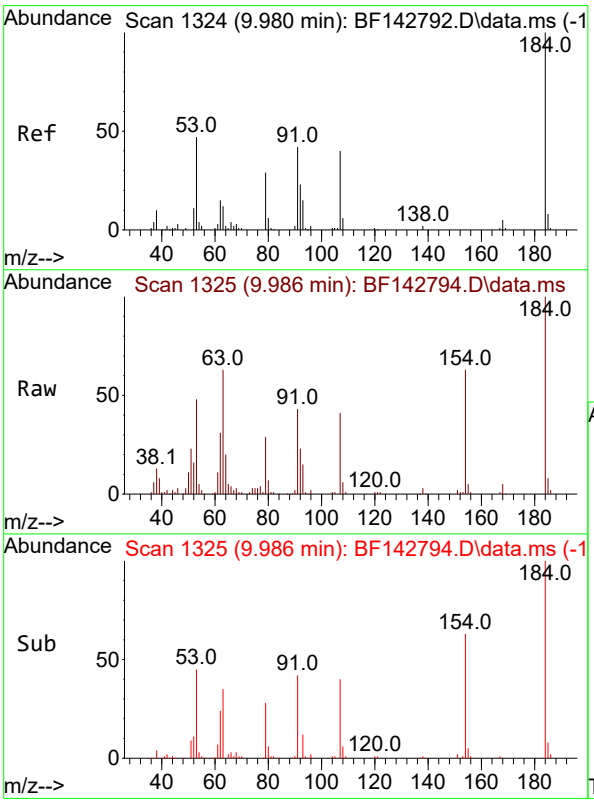
#53
3-Nitroaniline
Concen: 61.386 ng
RT: 9.880 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 154402

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.1	12.1
92	105.7	85.1	127.7

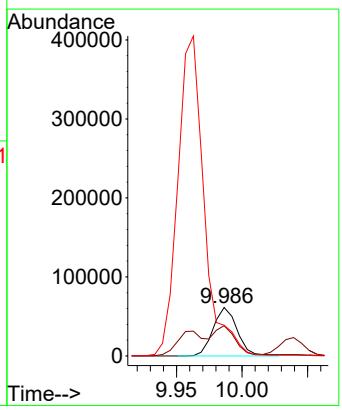


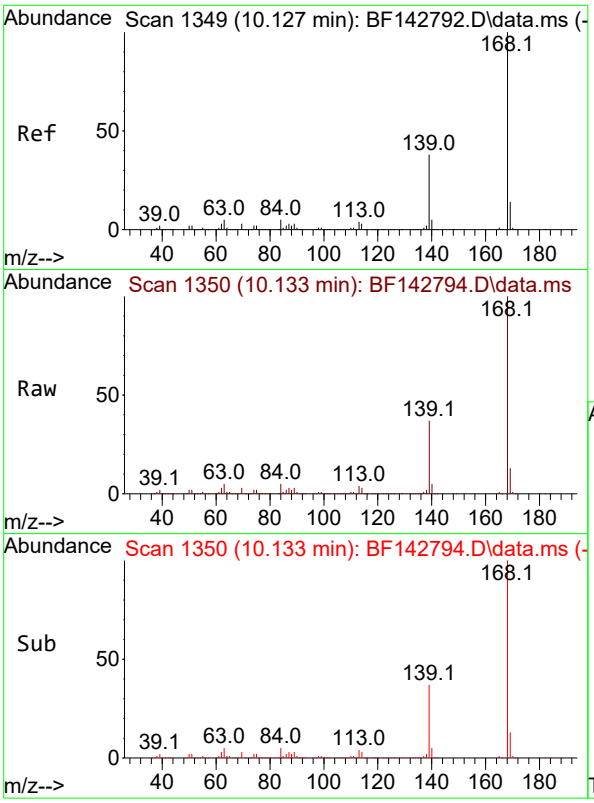


#54
2,4-Dinitrophenol
Concen: 62.843 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:184 Resp: 78750

Ion	Ratio	Lower	Upper
184	100		
63	62.6	50.6	75.8
154	63.4	51.8	77.8



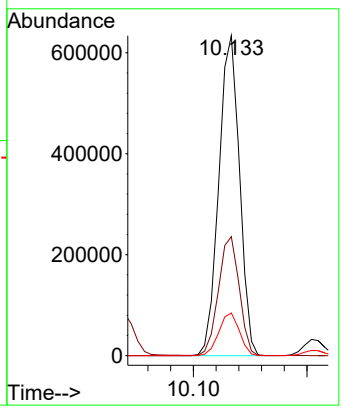


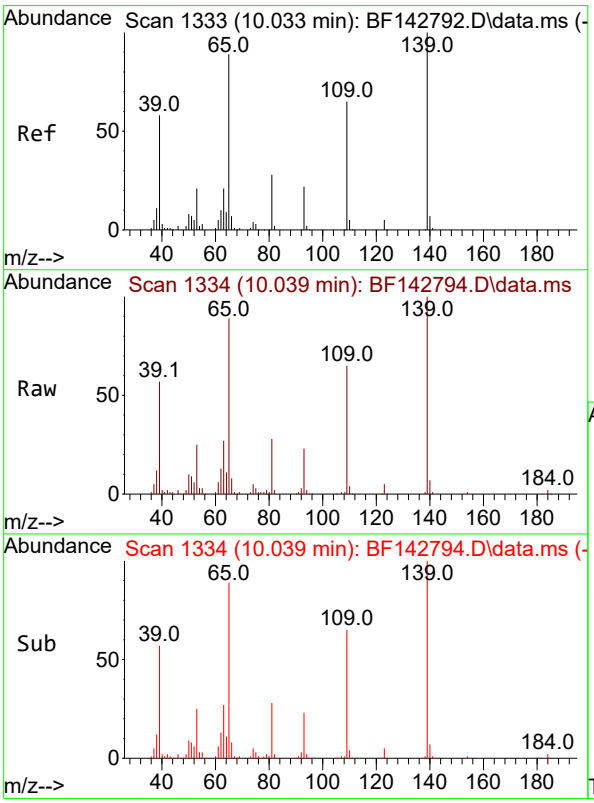
#55
Dibenzofuran
Concen: 58.567 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 802087

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.2	45.4
169	13.3	10.8	16.2

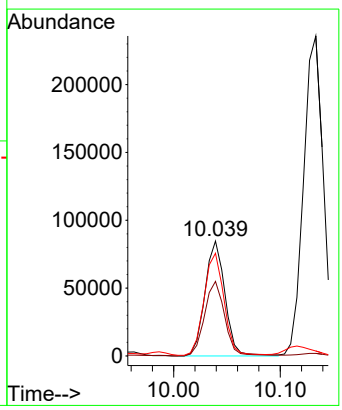


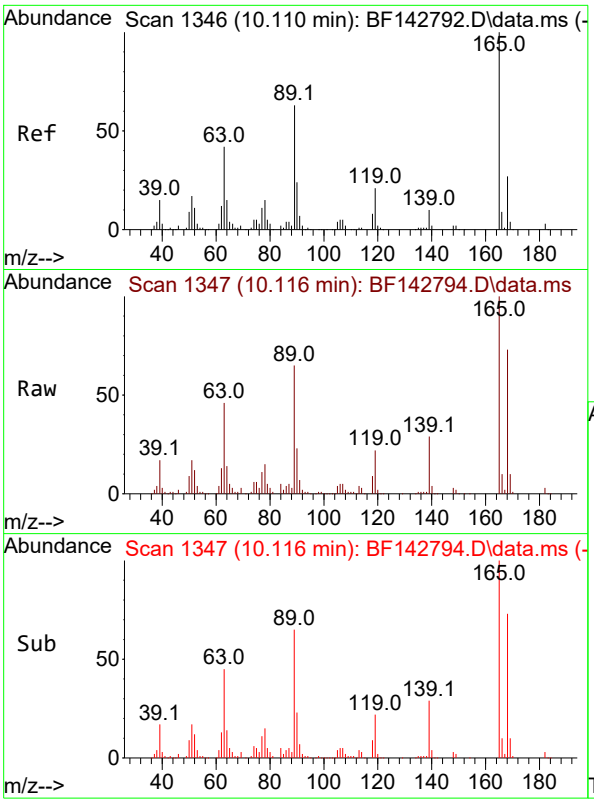


#56
4-Nitrophenol
Concen: 64.811 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:139 Resp: 110658

Ion	Ratio	Lower	Upper
139	100		
109	64.8	44.7	84.7
65	89.3	69.8	109.8



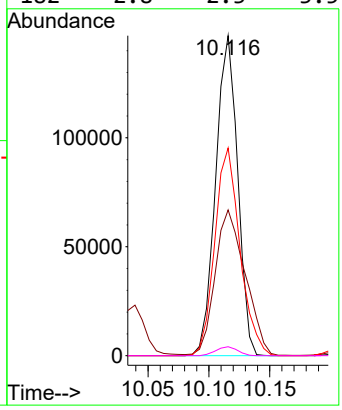


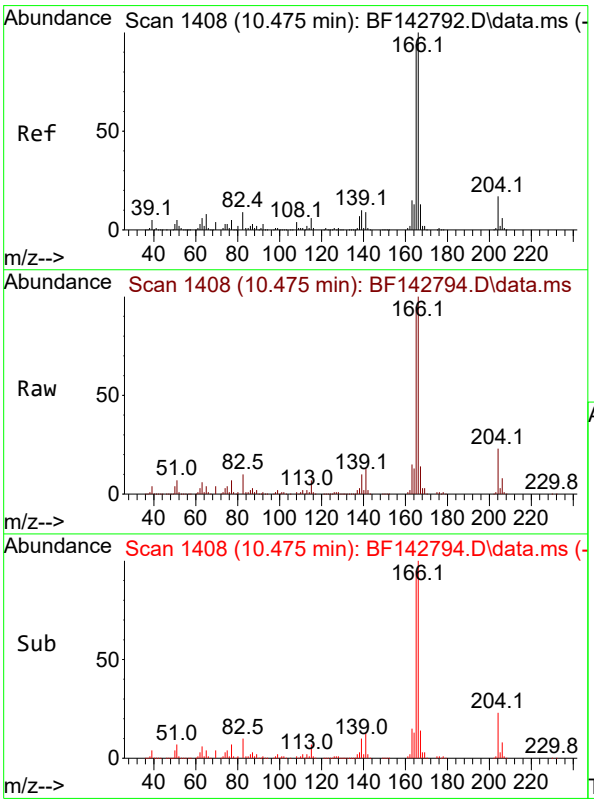
#57
2,4-Dinitrotoluene
Concen: 60.367 ng
RT: 10.116 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 184840

Ion	Ratio	Lower	Upper
165	100		
63	45.6	33.9	50.9
89	64.9	50.6	75.8
182	2.8	2.3	3.5

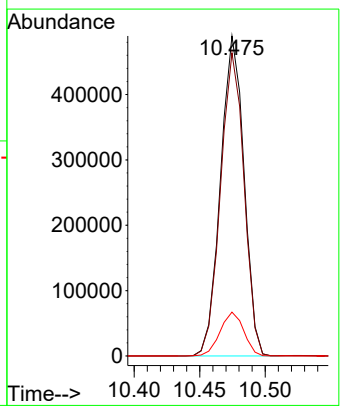


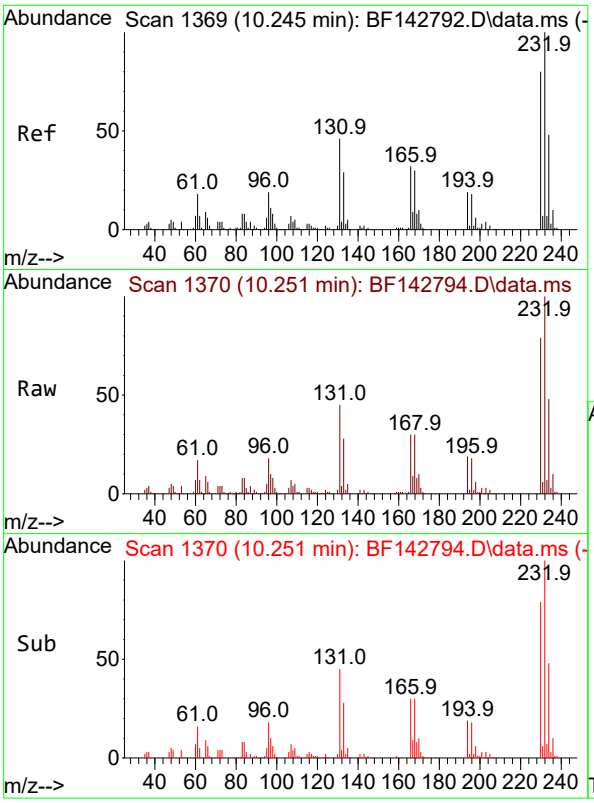


#58
Fluorene
Concen: 56.322 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:166 Resp: 608786

Ion	Ratio	Lower	Upper
166	100		
165	94.7	75.2	112.8
167	13.7	10.6	15.8



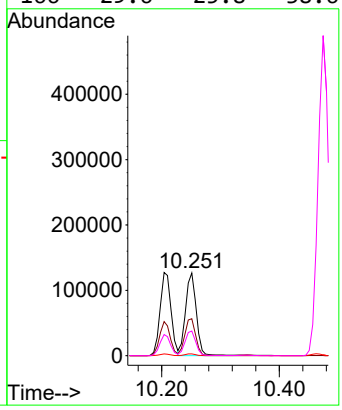


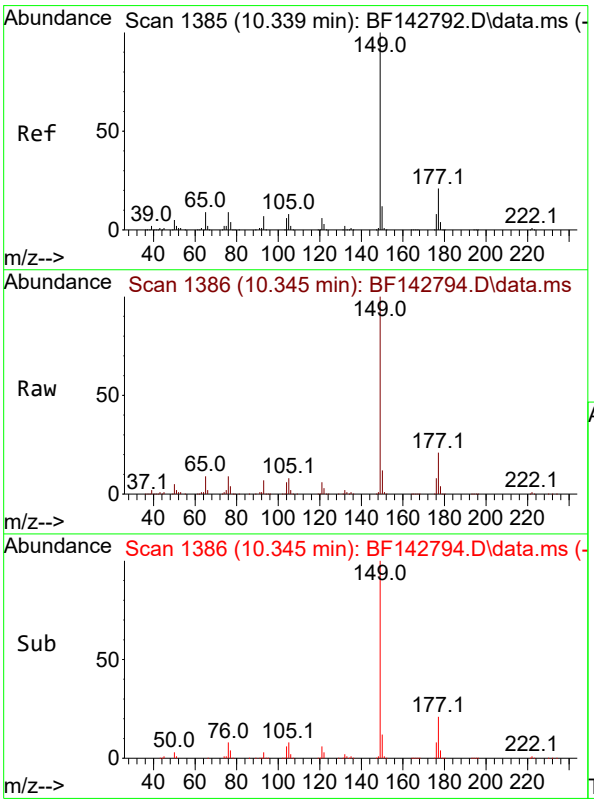
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.739 ng
RT: 10.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 159997

Ion	Ratio	Lower	Upper
232	100		
131	45.6	37.6	56.4
130	2.2	1.7	2.5
166	29.6	25.8	38.6

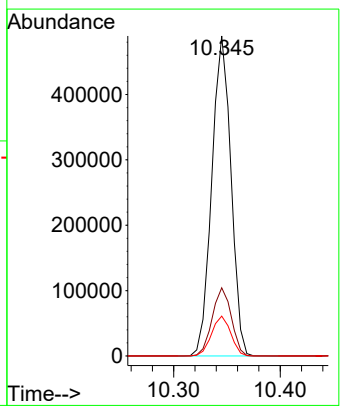


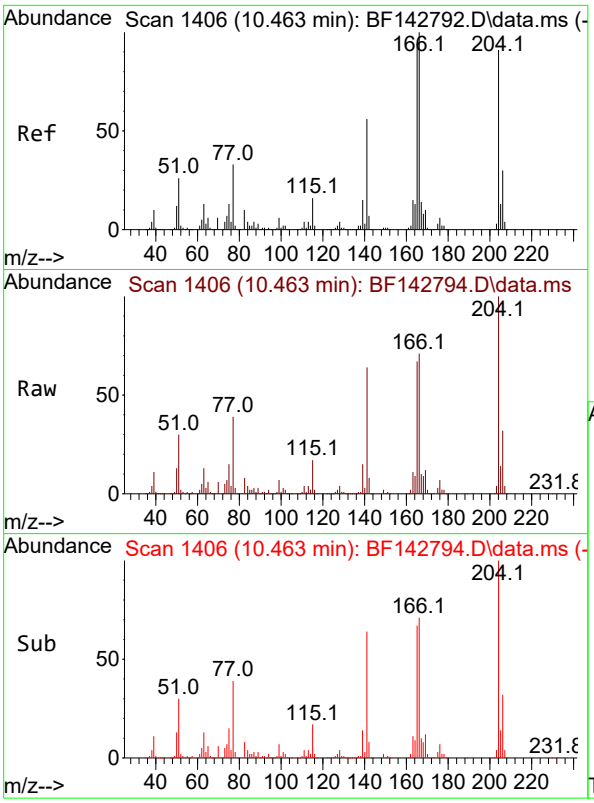


#60
Diethylphthalate
Concen: 57.662 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:149 Resp: 611873

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.0	25.6
150	12.5	9.8	14.6



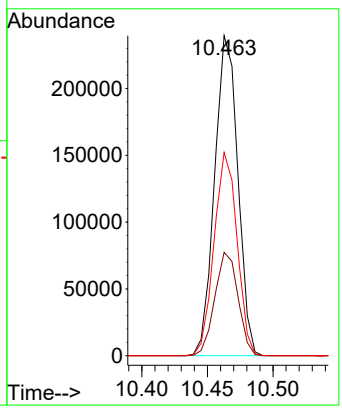


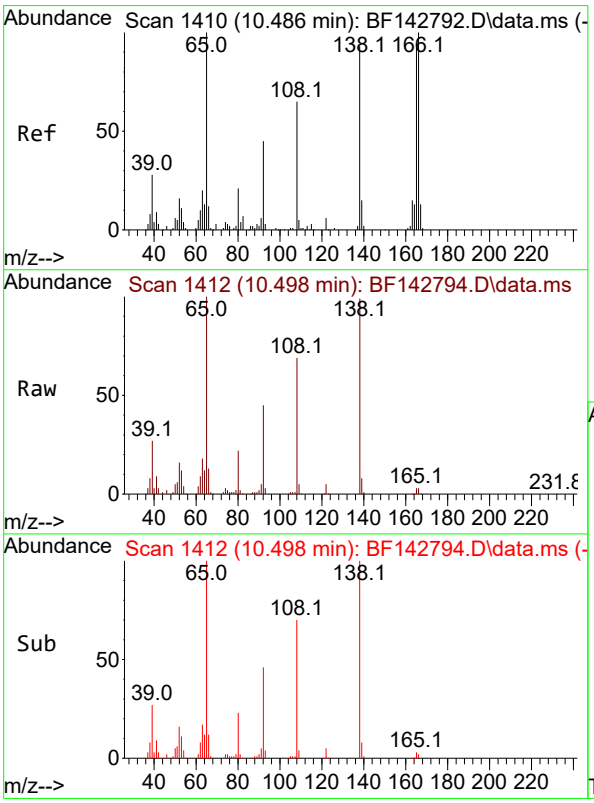
#61
4-Chlorophenyl-phenylether
Concen: 56.089 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 294444

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	63.5	49.1	73.7

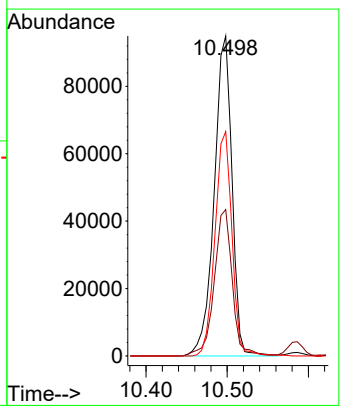


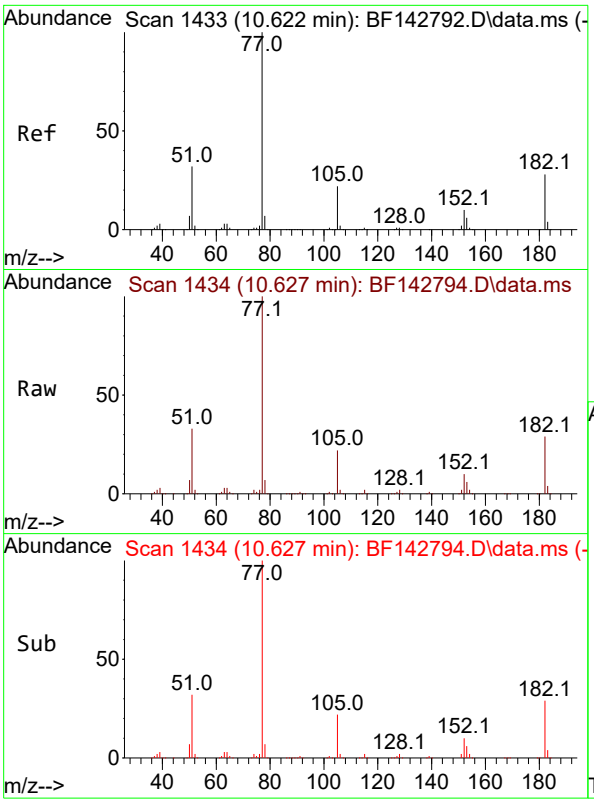


#62
4-Nitroaniline
Concen: 64.135 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:138 Resp: 144821

Ion	Ratio	Lower	Upper
138	100		
92	45.7	28.4	68.4
108	70.1	50.2	90.2



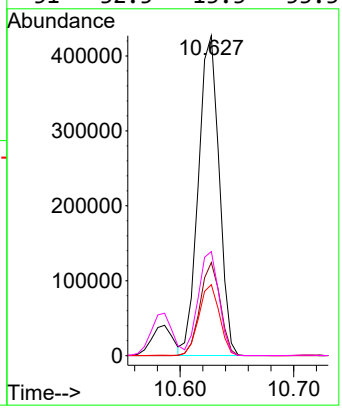


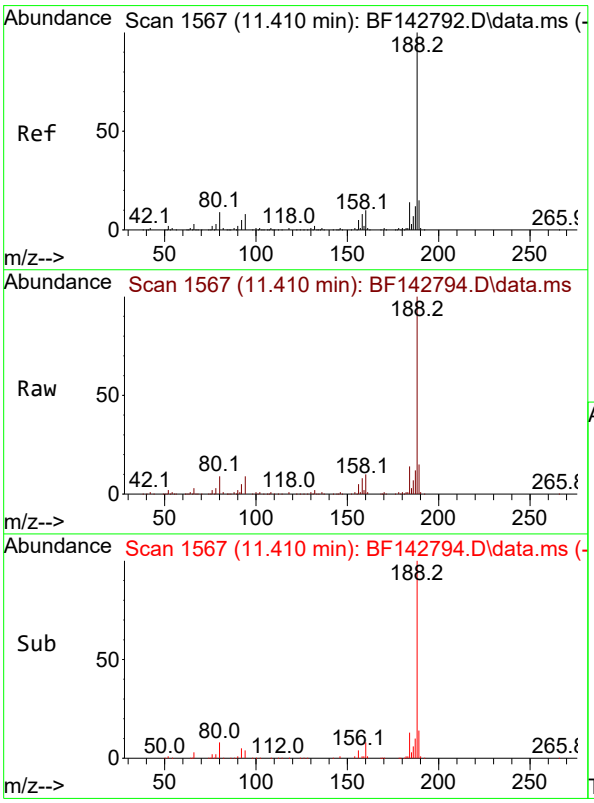
#63
Azobenzene
Concen: 58.460 ng
RT: 10.627 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 542118

Ion	Ratio	Lower	Upper
77	100		
182	29.1	7.7	47.7
105	22.2	1.9	41.9
51	32.5	13.3	53.3

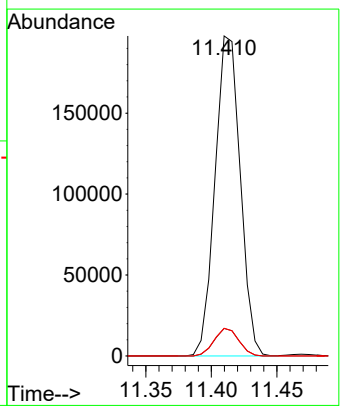


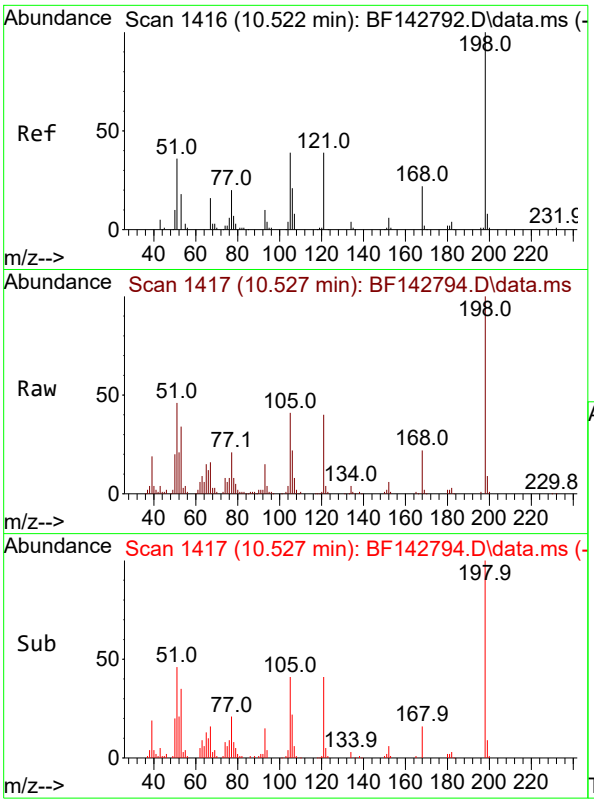


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:188 Resp: 264336

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	8.6	6.9	10.3



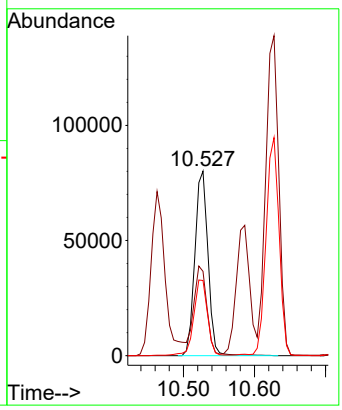


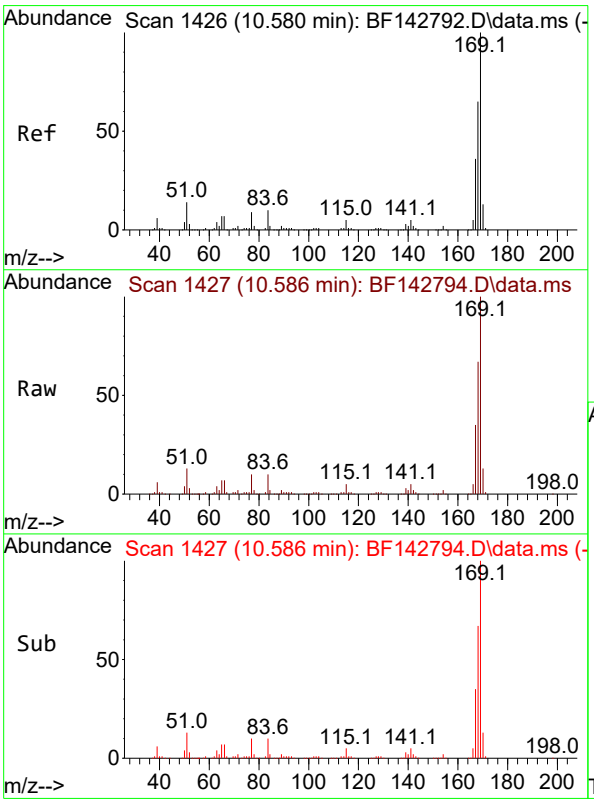
#65
4,6-Dinitro-2-methylphenol
Concen: 62.814 ng
RT: 10.527 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 103180

Ion	Ratio	Lower	Upper
198	100		
51	45.7	25.4	65.4
105	40.7	20.4	60.4

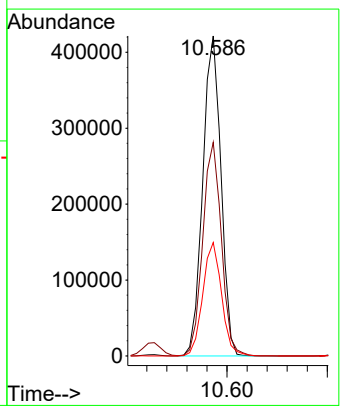


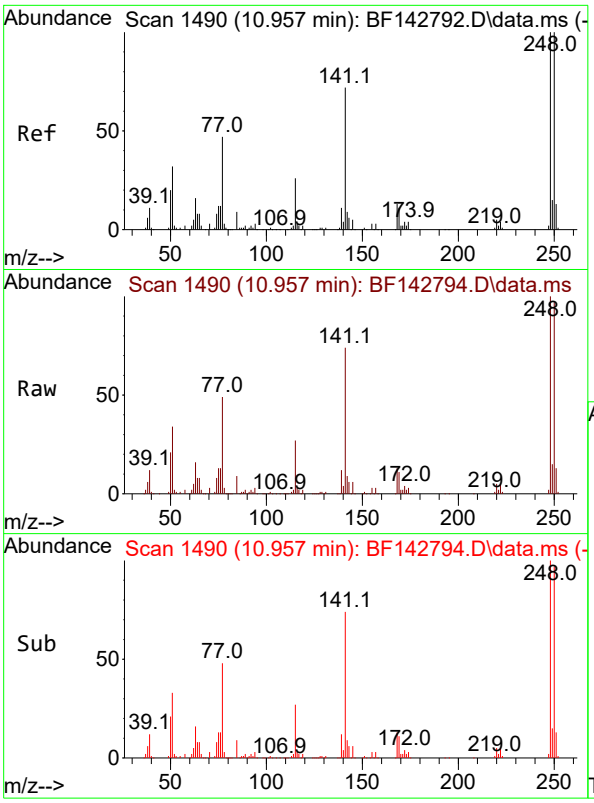


#66
n-Nitrosodiphenylamine
Concen: 58.540 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:169 Resp: 531713

Ion	Ratio	Lower	Upper
169	100		
168	66.7	51.9	77.9
167	35.4	28.5	42.7



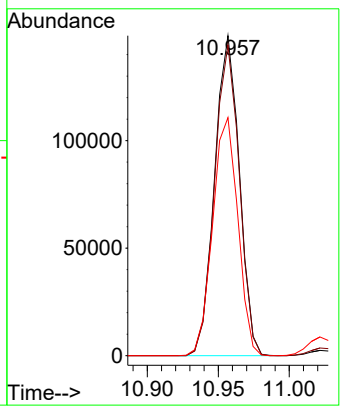


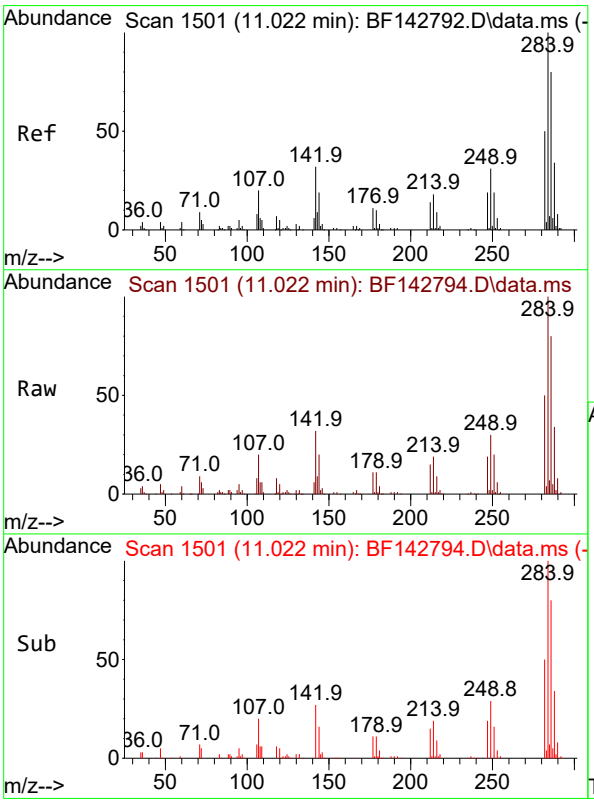
#67
4-Bromophenyl-phenylether
Concen: 58.311 ng
RT: 10.957 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 180519

Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.8	119.8
141	74.4	57.8	86.6

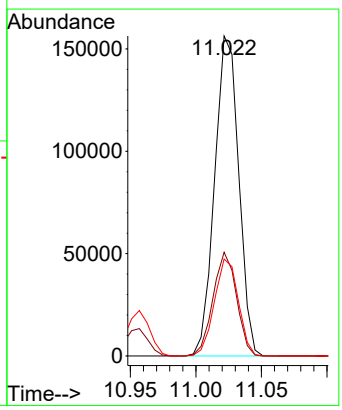


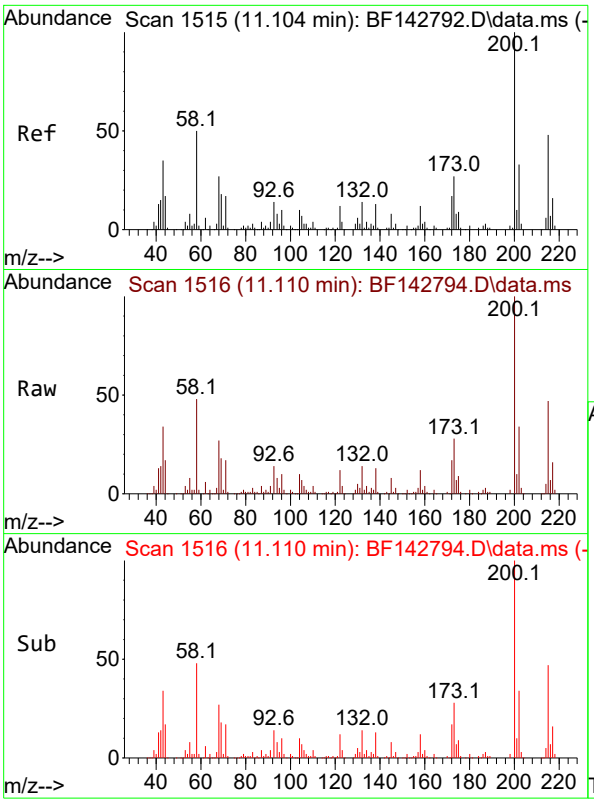


#68
Hexachlorobenzene
Concen: 58.041 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:284 Resp: 199479

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.5	38.3
249	30.3	24.9	37.3



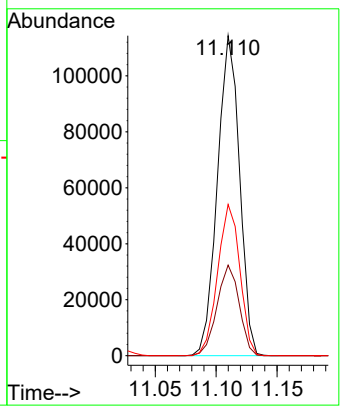


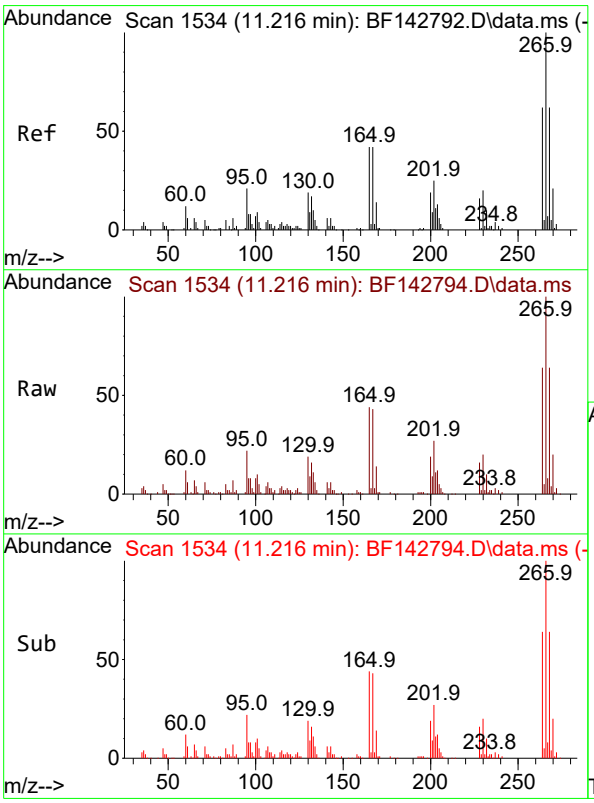
#69
Atrazine
Concen: 60.075 ng
RT: 11.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 144880

Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.4	47.4
215	47.2	28.4	68.4

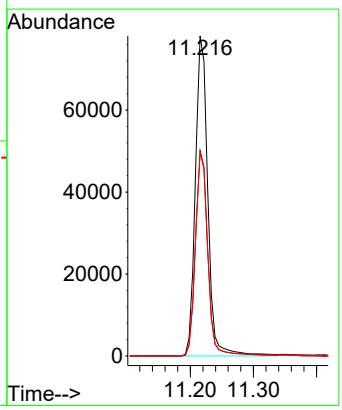


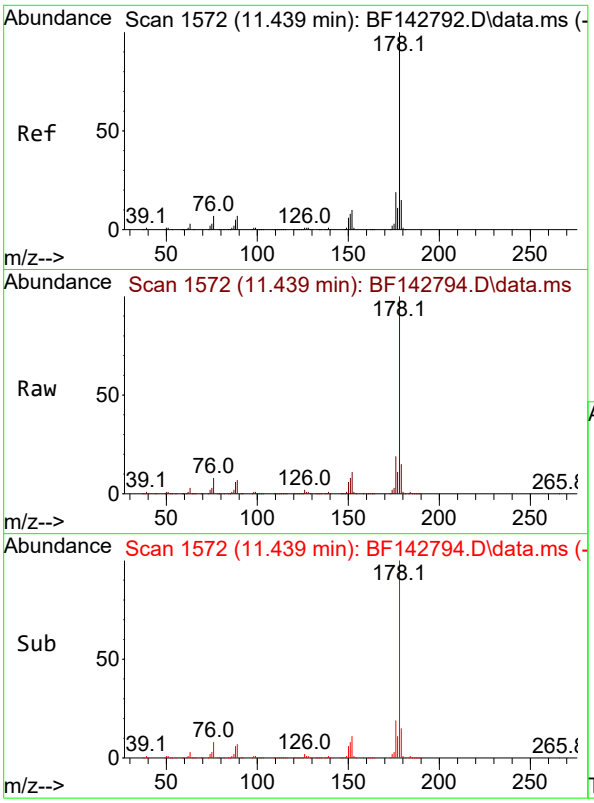


#70
Pentachlorophenol
Concen: 60.023 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:266 Resp: 107141

Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.8	74.8
264	63.5	49.9	74.9



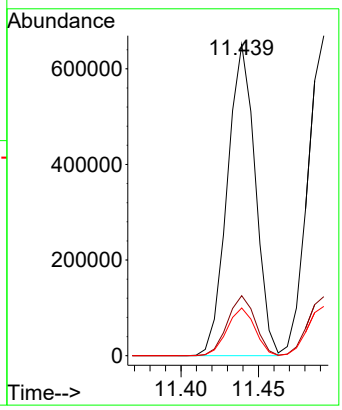


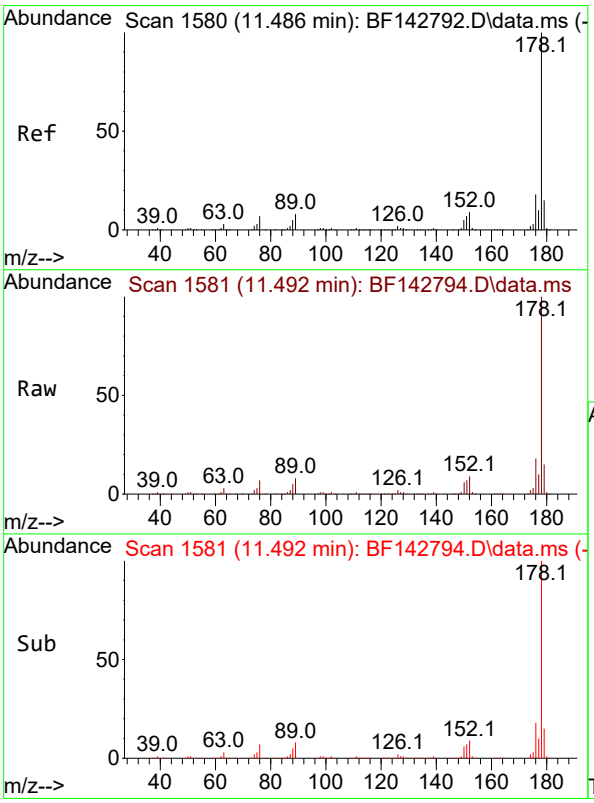
#71
Phenanthrene
Concen: 57.611 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 815330

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.4	12.0	18.0

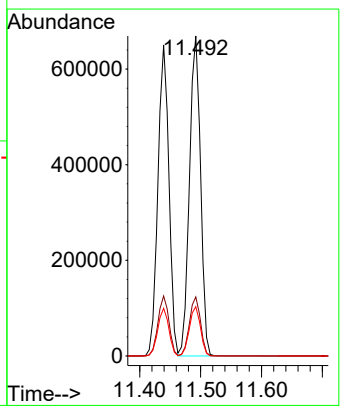


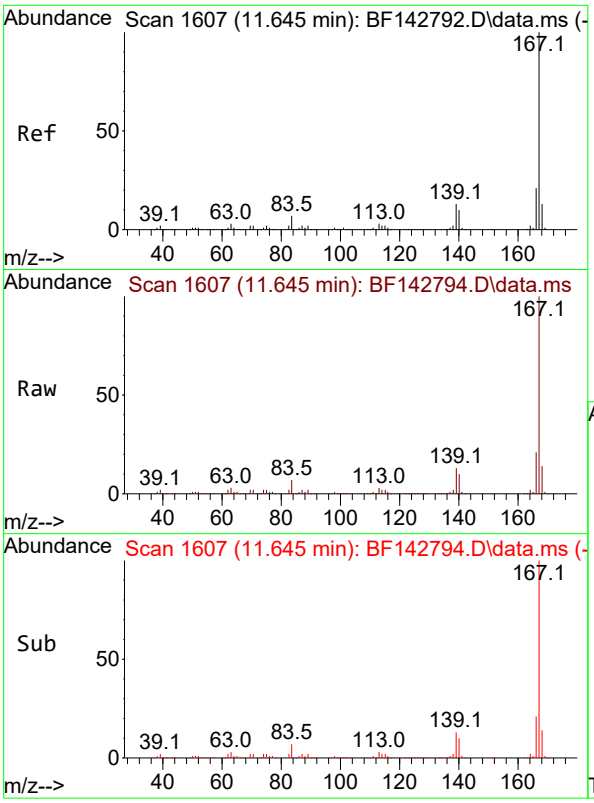


#72
Anthracene
Concen: 57.653 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:178 Resp: 844549

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.4	12.4	18.6



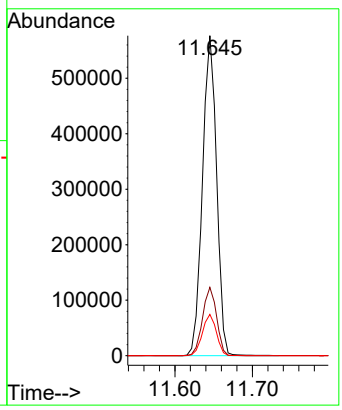


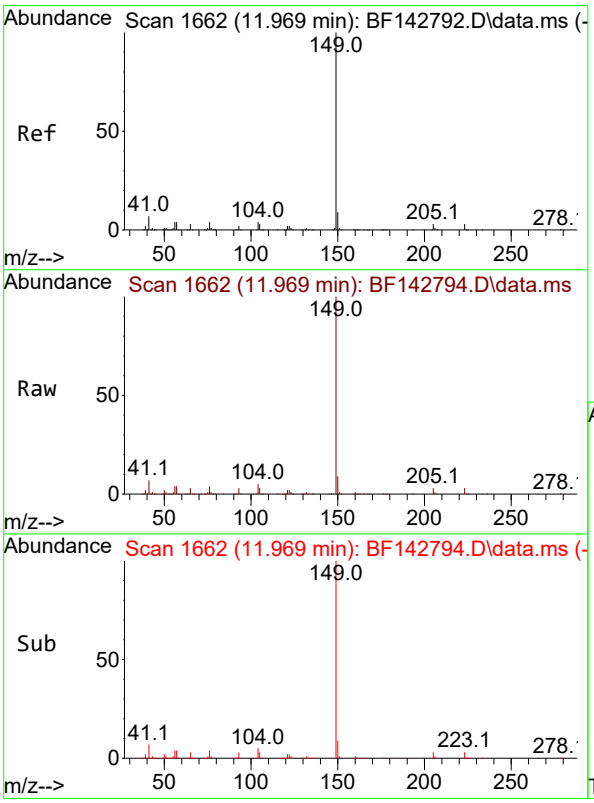
#73
Carbazole
Concen: 59.457 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 729372

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	12.9	10.2	15.2

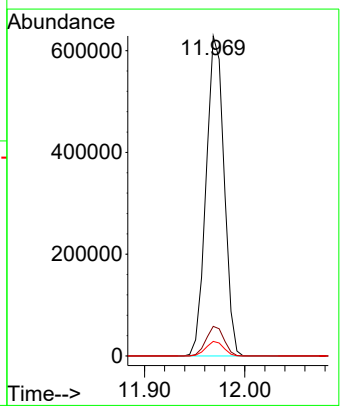


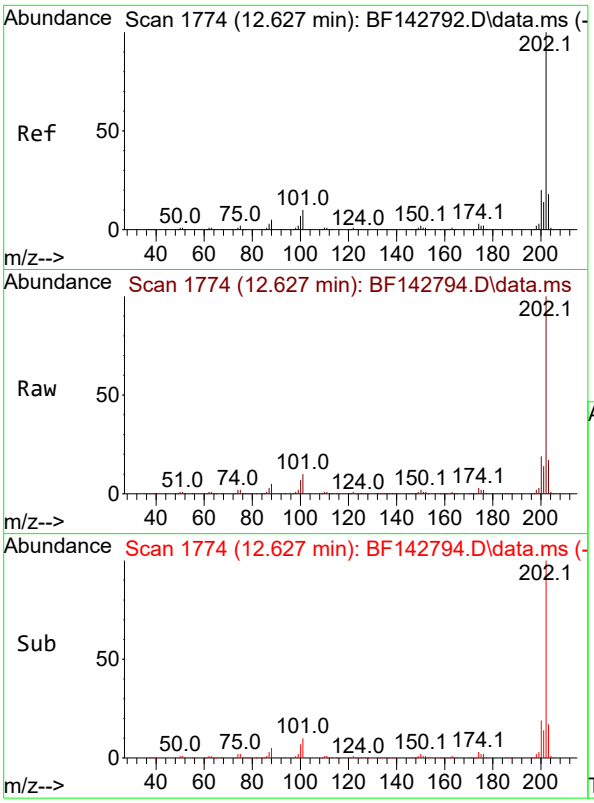


#74
Di-n-butylphthalate
Concen: 57.759 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:149 Resp: 784514

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.6	3.5	5.3



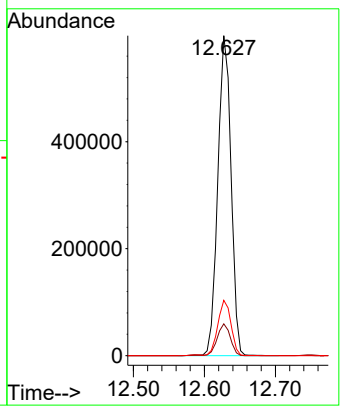


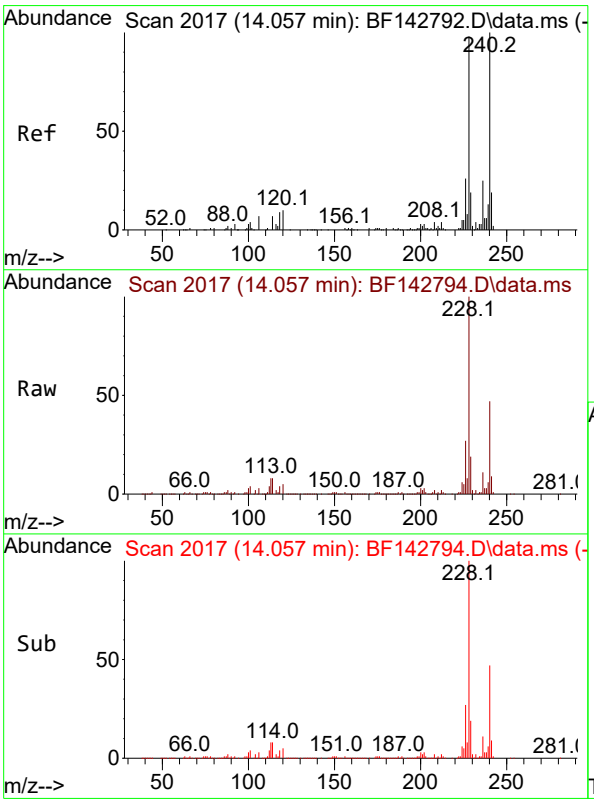
#75
Fluoranthene
Concen: 57.300 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 770481

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.7
203	17.3	0.0	37.5

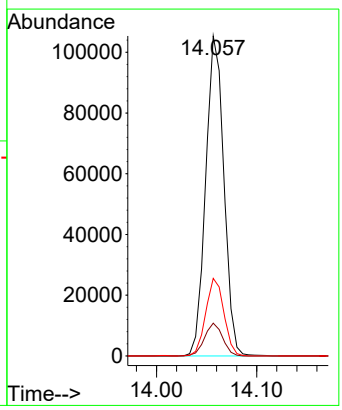


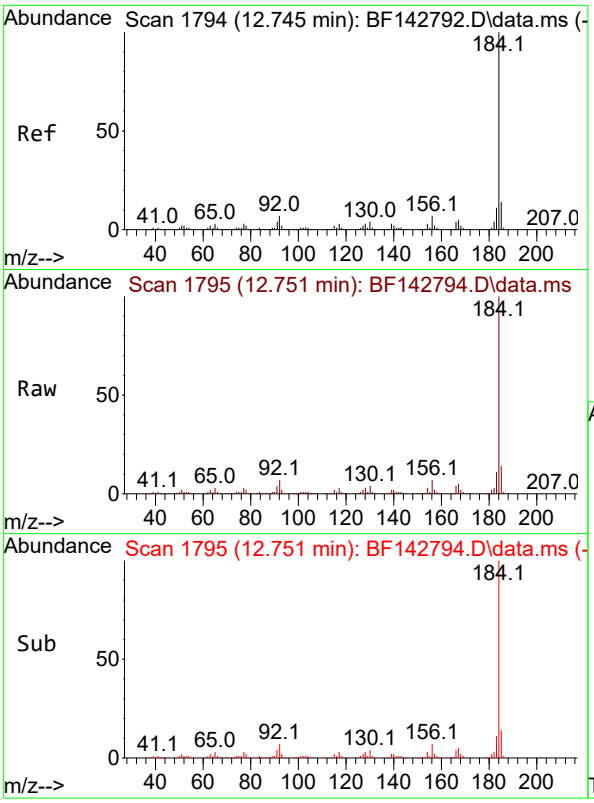


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:240 Resp: 133196

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.2	12.2
236	24.2	19.8	29.8



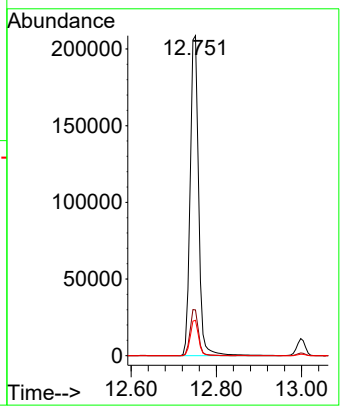


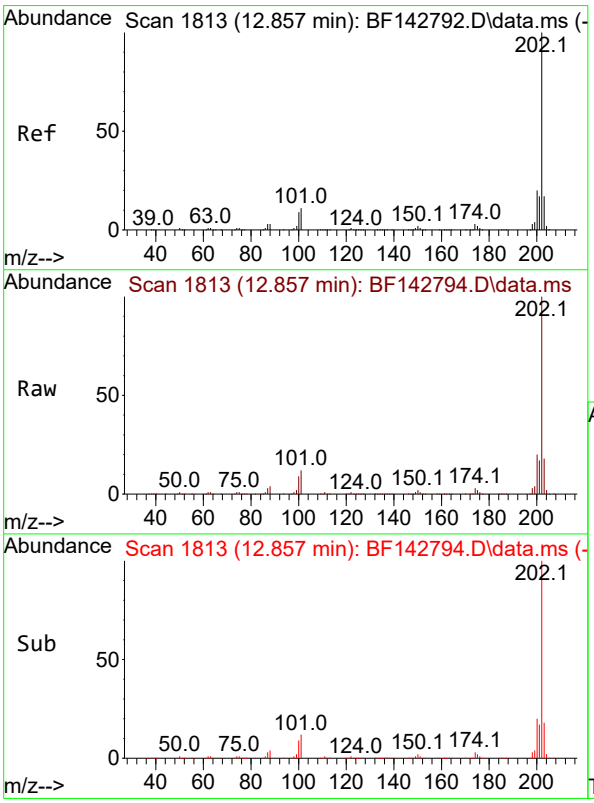
#77
Benzidine
Concen: 60.916 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 287238

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	11.1	9.0	13.4

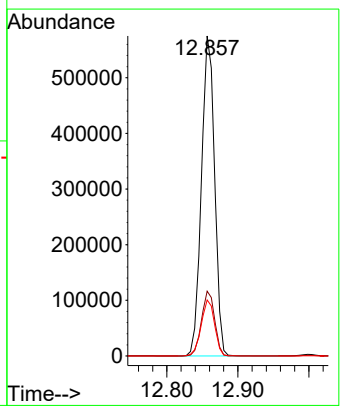


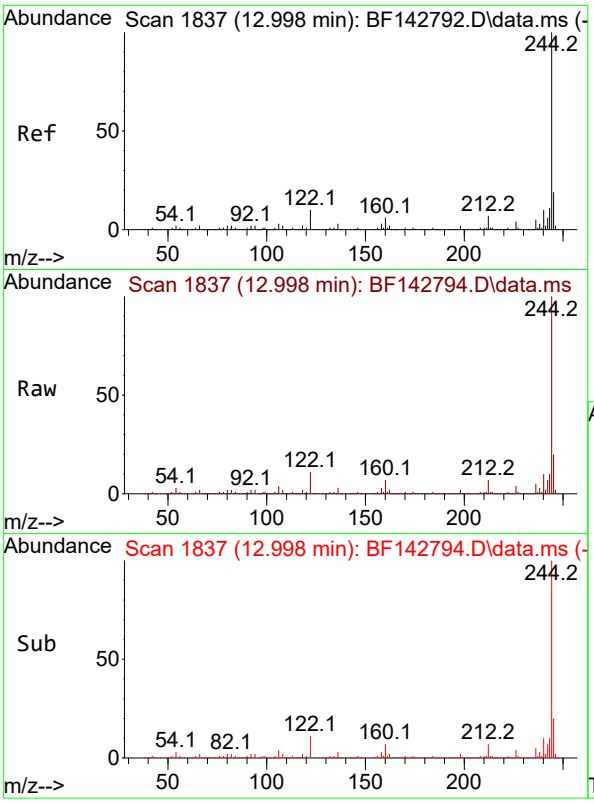


#78
Pyrene
Concen: 60.812 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:202 Resp: 744567

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.7	23.5
203	17.5	13.8	20.6



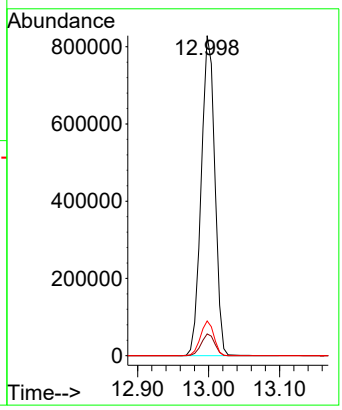


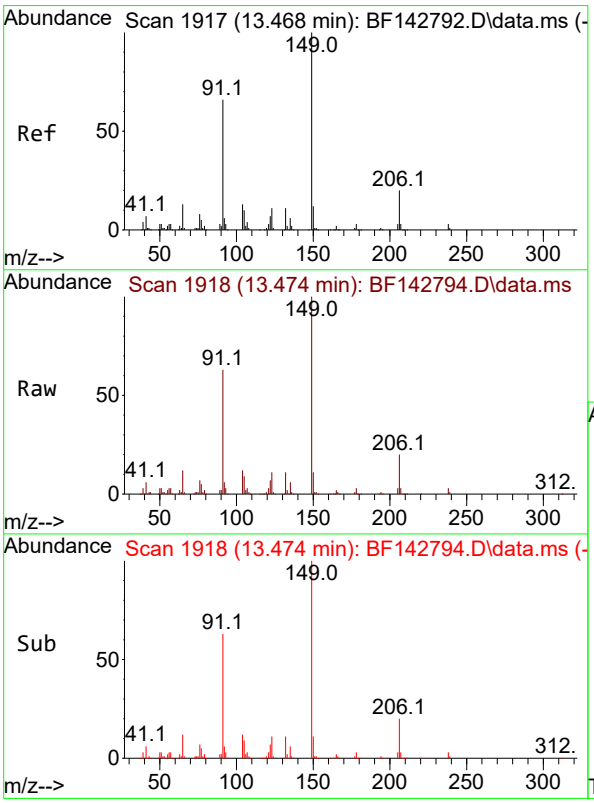
#79
Terphenyl-d14
Concen: 115.747 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 1107704

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.9	8.2	12.2

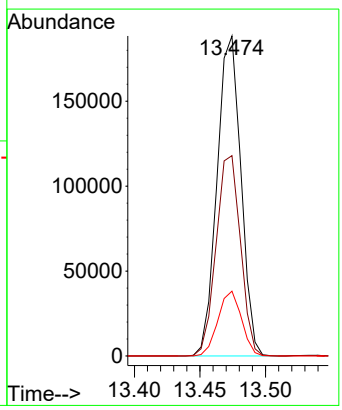


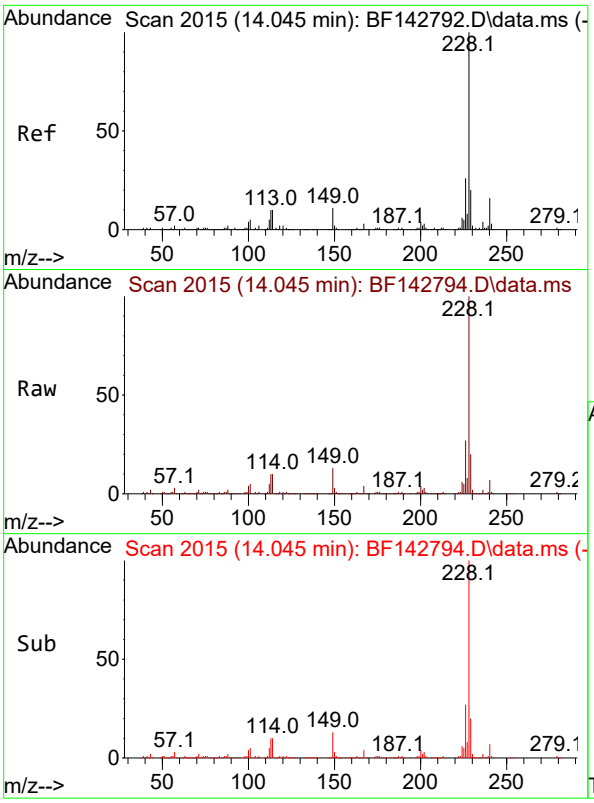


#80
Butylbenzylphthalate
Concen: 65.755 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:149 Resp: 238584

Ion	Ratio	Lower	Upper
149	100		
91	62.6	52.9	79.3
206	20.2	16.3	24.5



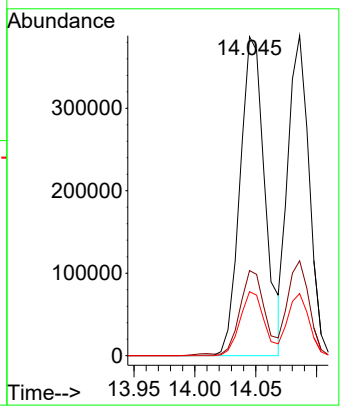


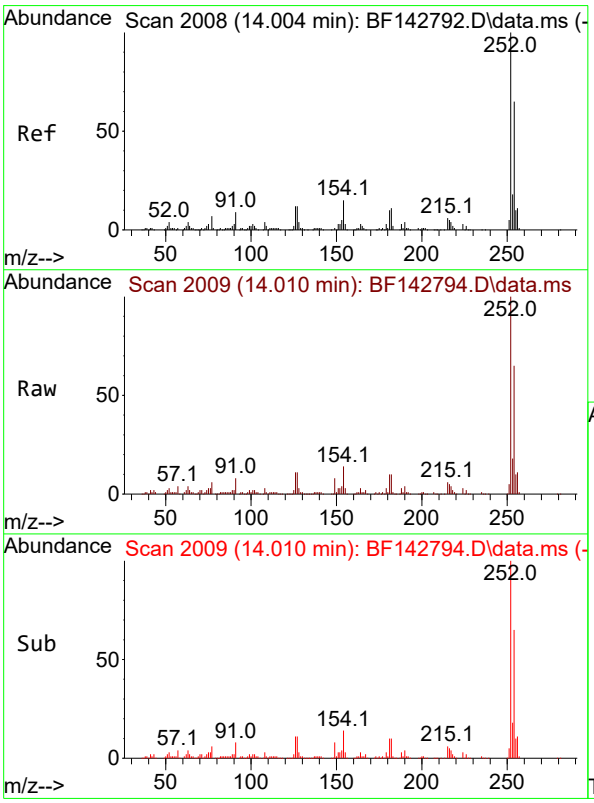
#81
Benzo(a)anthracene
Concen: 62.892 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 550008

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.2	31.8
229	20.0	15.6	23.4

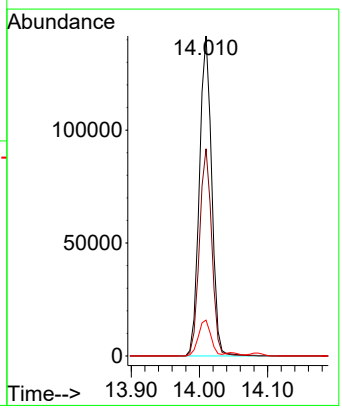


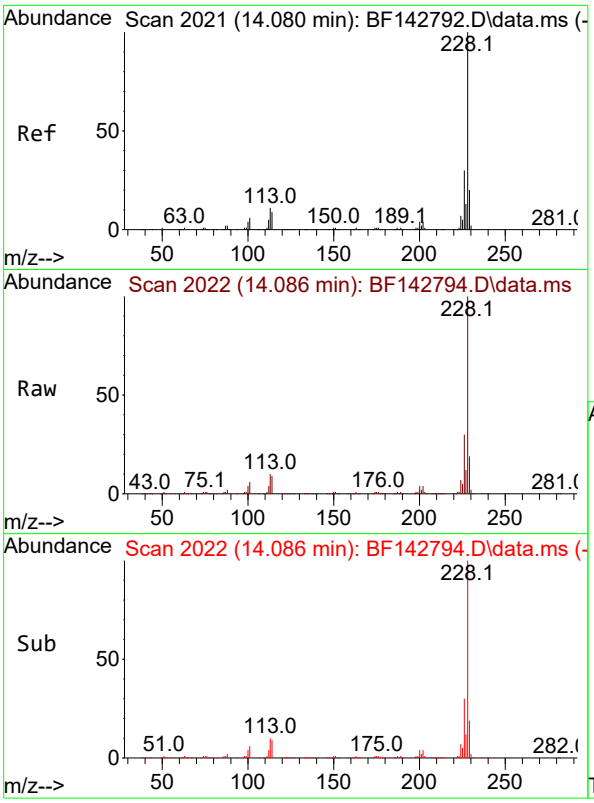


#82
3,3'-Dichlorobenzidine
Concen: 62.787 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:252 Resp: 177798

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	11.2	9.4	14.2



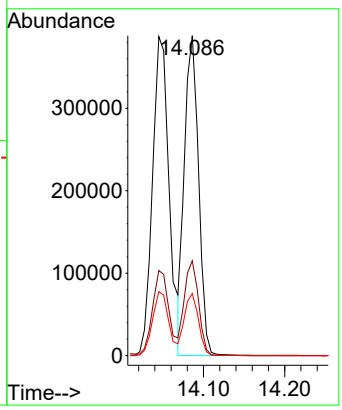


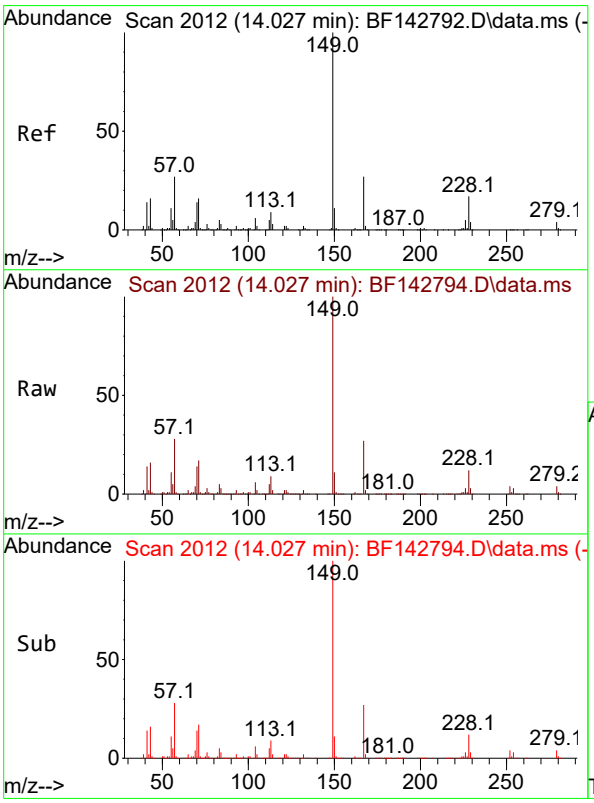
#83
Chrysene
Concen: 57.743 ng
RT: 14.086 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 470124

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.4	15.7	23.5

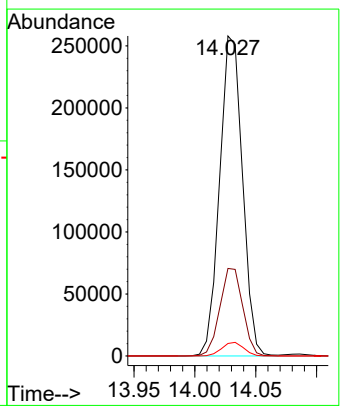


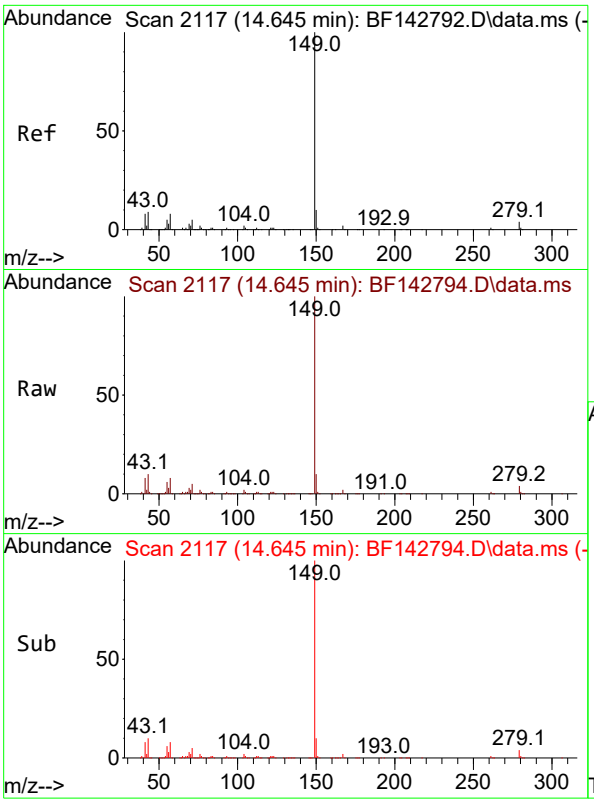


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.326 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:149 Resp: 336951

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.4	32.0
279	3.9	3.0	4.6



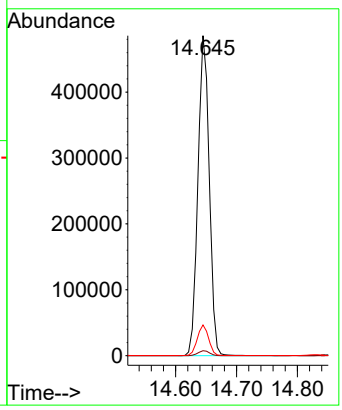


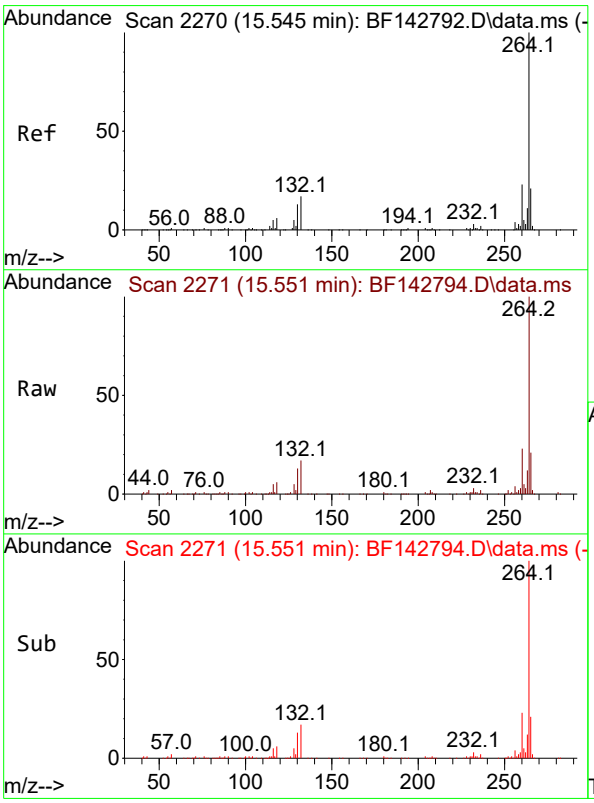
#85
Di-n-octyl phthalate
Concen: 60.871 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 627090

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.6	11.4

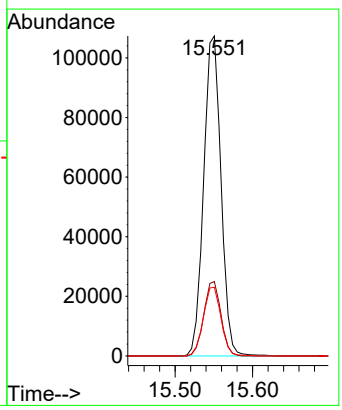


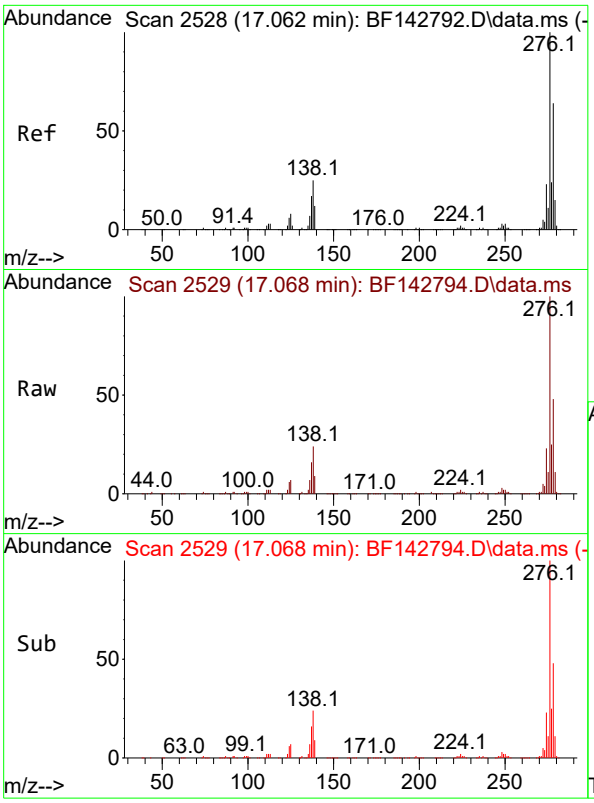


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:264 Resp: 166457

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.1	27.1
265	21.4	16.6	25.0



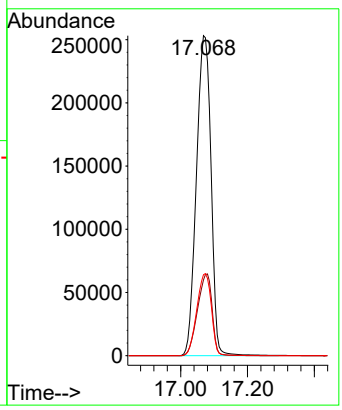


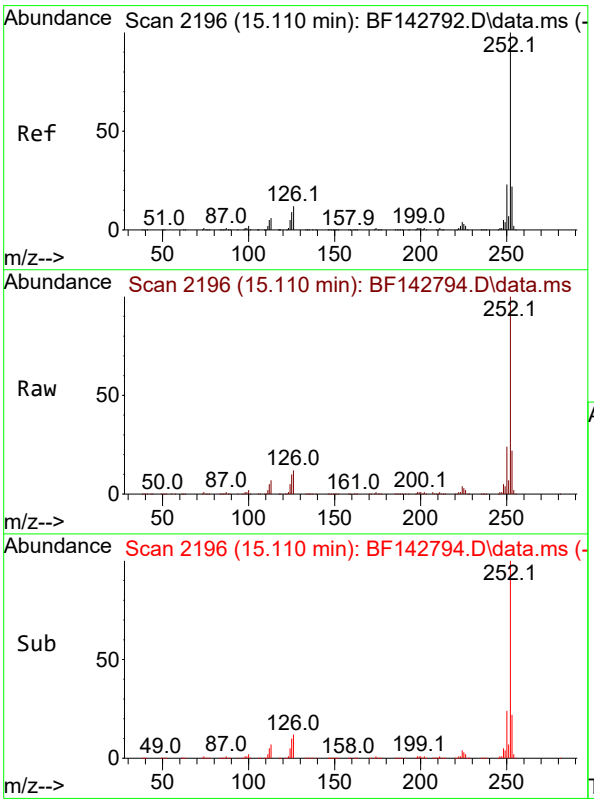
#87
Indeno(1,2,3-cd)pyrene
Concen: 62.432 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 768324

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.2	30.4
277	25.6	19.8	29.6

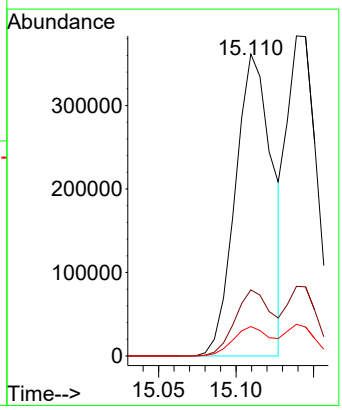


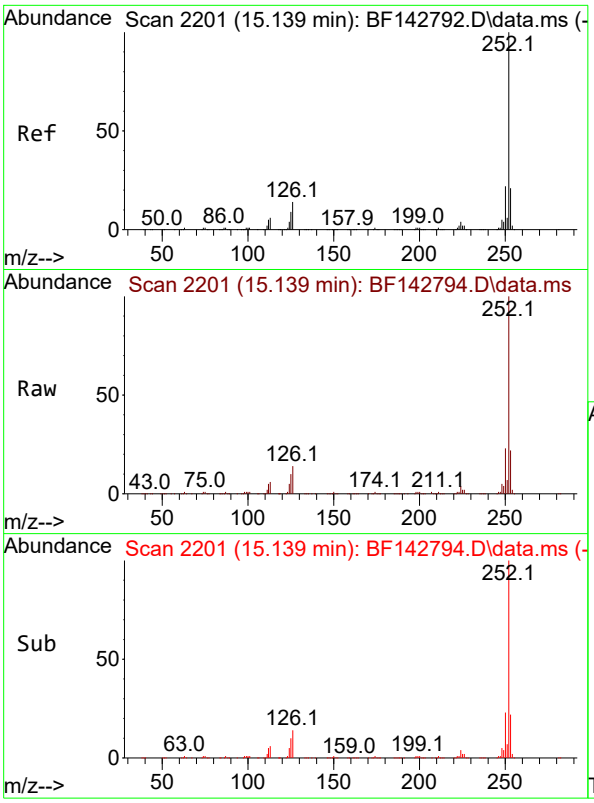


#88
Benzo(b)fluoranthene
Concen: 61.638 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:252 Resp: 597533

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.7	7.4	11.0



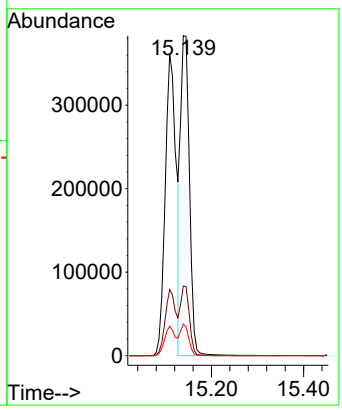


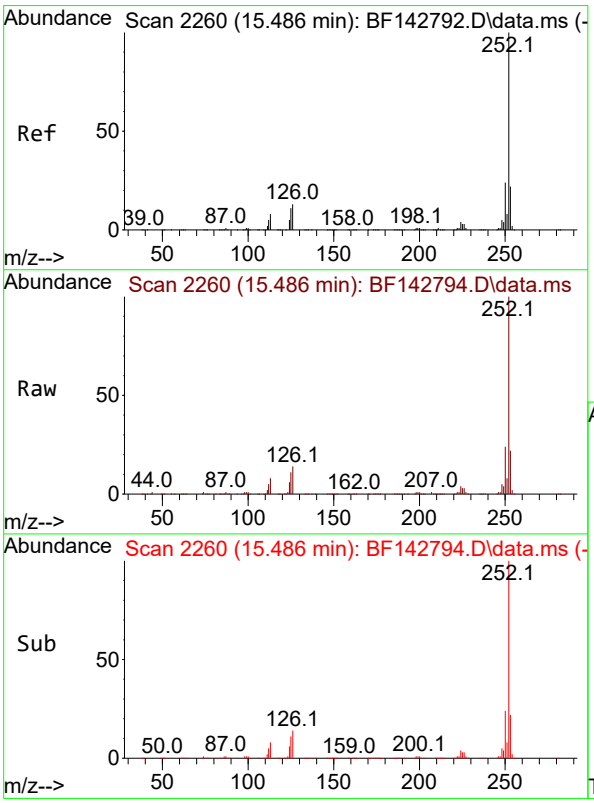
#89
Benzo(k)fluoranthene
Concen: 54.792 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 518514

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.9	7.4	11.2

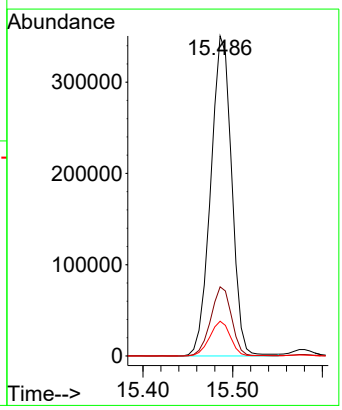


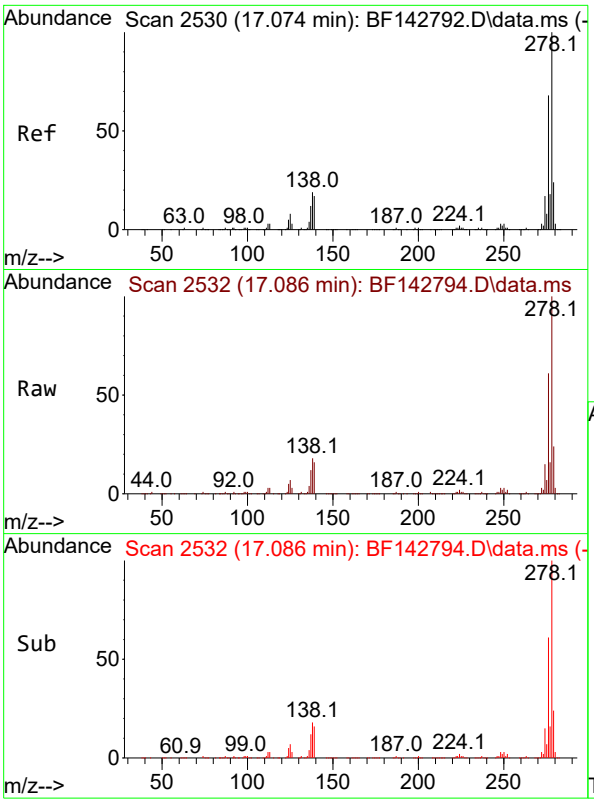


#90
Benzo(a)pyrene
Concen: 61.408 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:252 Resp: 569694

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.9	8.6	12.8



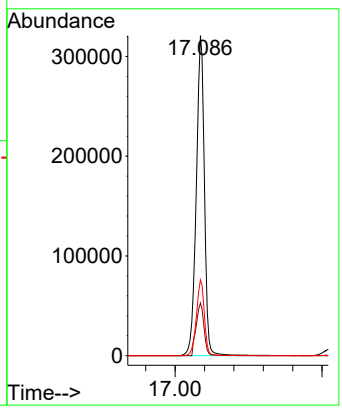


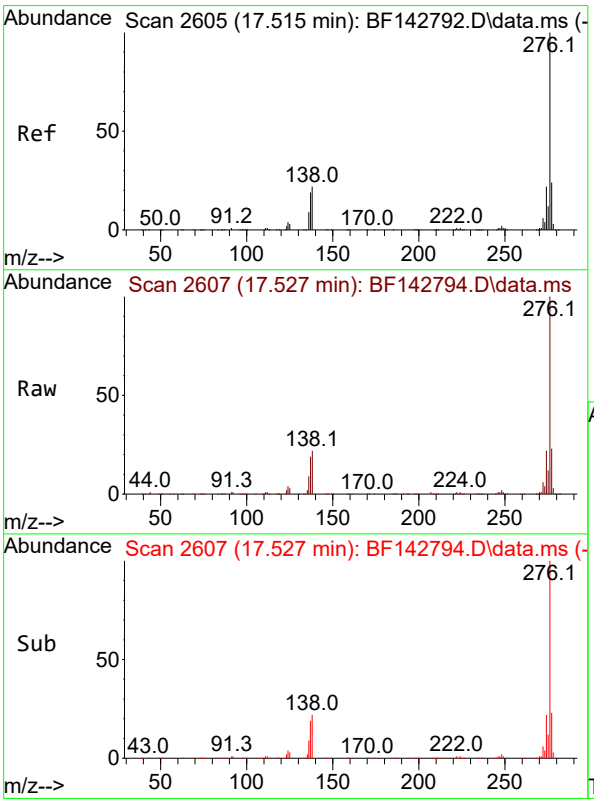
#91
Dibenzo(a,h)anthracene
Concen: 61.889 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 619236

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.5	20.3
279	23.7	18.8	28.2

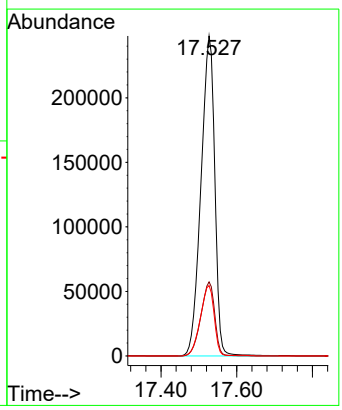




#92
Benzo(g,h,i)perylene
Concen: 62.795 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:276 Resp: 626847

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	22.0	17.6	26.4



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142795.D
Acq On : 19 Jun 2025 20:40
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jun 20 04:42:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	77938	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	285299	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	140262	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	213216	20.000	ng		0.00
76) Chrysene-d12	14.063	240	127713	20.000	ng		0.00
86) Perylene-d12	15.551	264	175125	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	703164	153.880	ng		0.00
7) Phenol-d6	6.516	99	813626	151.631	ng		0.00
23) Nitrobenzene-d5	7.457	82	792380	152.234	ng		0.01
42) 2,4,6-Tribromophenol	10.722	330	210092	137.823	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1515847	143.770	ng		0.00
79) Terphenyl-d14	12.998	244	1127781	122.904	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	145434	80.147	ng		99
3) Pyridine	3.410	79	368129	81.031	ng		99
4) n-Nitrosodimethylamine	3.375	42	191412	82.265	ng		98
6) Aniline	6.545	93	544167	75.672	ng	#	83
8) 2-Chlorophenol	6.669	128	383707	77.116	ng		99
10) Phenol	6.534	94	448139	74.906	ng		84
11) bis(2-Chloroethyl)ether	6.622	93	335736	75.639	ng		98
12) 1,3-Dichlorobenzene	6.822	146	420352	74.190	ng		99
13) 1,4-Dichlorobenzene	6.898	146	419873	73.115	ng		99
14) 1,2-Dichlorobenzene	7.051	146	400191	72.897	ng		98
15) Benzyl Alcohol	7.028	79	307100	76.460	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	512514	73.285	ng		94
17) 2-Methylphenol	7.140	107	289573	76.123	ng		98
18) Hexachloroethane	7.392	117	150991	73.550	ng		99
19) n-Nitroso-di-n-propyla...	7.304	70	238778	70.563	ng		98
20) 3+4-Methylphenols	7.292	107	345456	72.154	ng		96
22) Acetophenone	7.298	105	463019	73.349	ng	#	98
24) Nitrobenzene	7.475	77	358834	77.574	ng		98
25) Isophorone	7.716	82	632390	72.447	ng		99
26) 2-Nitrophenol	7.787	139	201064	78.009	ng		99
27) 2,4-Dimethylphenol	7.822	122	335771	76.518	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	400973	73.793	ng		100
29) 2,4-Dichlorophenol	8.028	162	306123	75.689	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	332721	74.472	ng		100
31) Naphthalene	8.192	128	1029082	73.342	ng		100
32) Benzoic acid	7.957	122	192536	79.082	ng		96
33) 4-Chloroaniline	8.239	127	413911	73.608	ng		100
34) Hexachlorobutadiene	8.304	225	204081	72.088	ng		99
35) Caprolactam	8.628	113	78302	71.952	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	296520	70.974	ng		98
37) 2-Methylnaphthalene	8.881	142	627195	70.857	ng		100
38) 1-Methylnaphthalene	8.981	142	642853	69.952	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	315930	78.028	ng		99
41) Hexachlorocyclopentadiene	9.034	237	218091	85.183	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	207984	79.375	ng		98
44) 2,4,5-Trichlorophenol	9.204	196	217860	76.993	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142795.D
Acq On : 19 Jun 2025 20:40
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jun 20 04:42:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.345	154	822529	75.525	ng	99
47) 2-Chloronaphthalene	9.375	162	620399	77.199	ng	99
48) 2-Nitroaniline	9.469	65	179718	78.716	ng	97
49) Acenaphthylene	9.786	152	1002569	74.207	ng	100
50) Dimethylphthalate	9.651	163	665322	71.510	ng	100
51) 2,6-Dinitrotoluene	9.710	165	150567	74.654	ng	99
52) Acenaphthene	9.963	154	621336	74.322	ng	100
53) 3-Nitroaniline	9.881	138	164090	74.903	ng	99
54) 2,4-Dinitrophenol	9.986	184	85185	78.050	ng	97
55) Dibenzofuran	10.133	168	862110	72.277	ng	99
56) 4-Nitrophenol	10.039	139	114163	76.771	ng	98
57) 2,4-Dinitrotoluene	10.116	165	189684	71.128	ng	95
58) Fluorene	10.475	166	663463	70.475	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	170453	71.850	ng	97
60) Diethylphthalate	10.345	149	640148	69.265	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	318782	69.722	ng	98
62) 4-Nitroaniline	10.498	138	147879	75.193	ng	98
63) Azobenzene	10.628	77	578765	71.659	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	106528	80.401	ng	98
66) n-Nitrosodiphenylamine	10.586	169	564677	77.075	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	191698	76.768	ng	97
68) Hexachlorobenzene	11.022	284	210925	76.086	ng	98
69) Atrazine	11.110	200	148117	76.143	ng	100
70) Pentachlorophenol	11.216	266	113104	78.555	ng	99
71) Phenanthrene	11.439	178	845899	74.102	ng	99
72) Anthracene	11.492	178	862662	73.008	ng	99
73) Carbazole	11.645	167	738174	74.602	ng	100
74) Di-n-butylphthalate	11.969	149	798500	72.884	ng	100
75) Fluoranthene	12.627	202	766933	70.711	ng	99
77) Benzidine	12.751	184	299985	66.350	ng	100
78) Pyrene	12.857	202	750100	63.894	ng	98
80) Butylbenzylphthalate	13.474	149	287568	82.658	ng	97
81) Benzo(a)anthracene	14.051	228	655753	78.202	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	223571	82.340	ng	100
83) Chrysene	14.086	228	587658	75.278	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	448387	86.499	ng	99
85) Di-n-octyl phthalate	14.651	149	843227	85.366	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1010374	78.036	ng	99
88) Benzo(b)fluoranthene	15.115	252	749341	73.471	ng	100
89) Benzo(k)fluoranthene	15.145	252	747789	75.108	ng	99
90) Benzo(a)pyrene	15.492	252	759483	77.813	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	806991	76.662	ng	99
92) Benzo(g,h,i)perylene	17.539	276	813177	77.429	ng	99

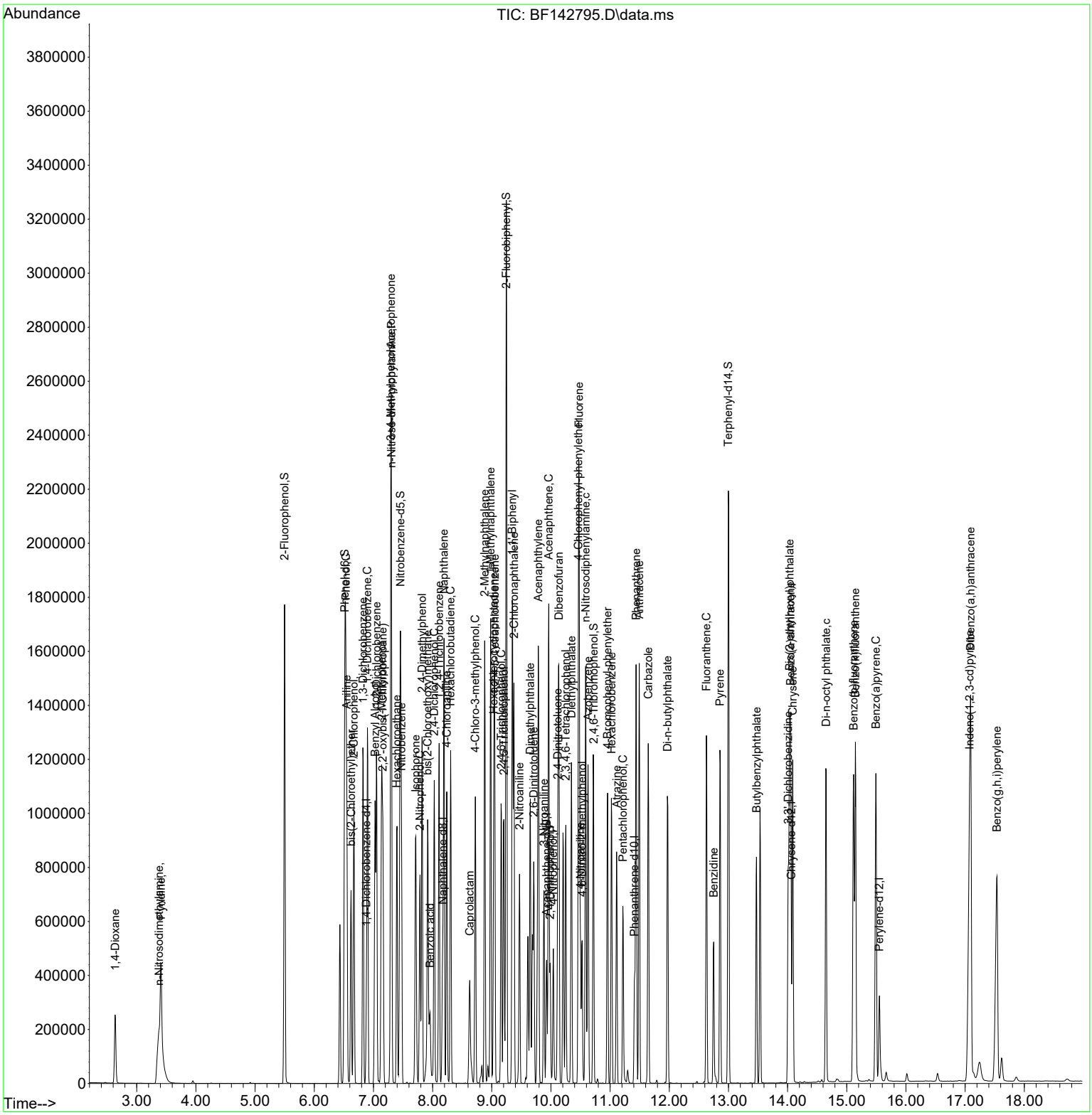
(#) = qualifier out of range (m) = manual integration (+) = signals summed

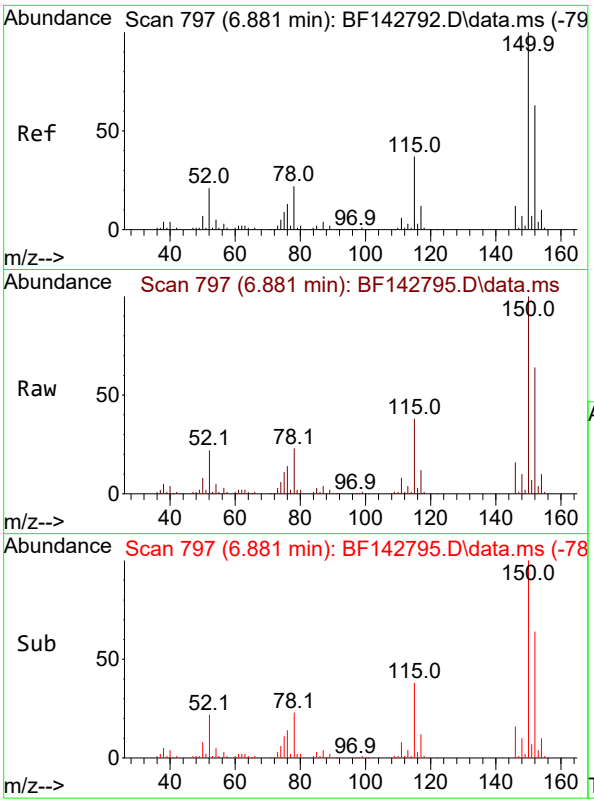
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142795.D
Acq On : 19 Jun 2025 20:40
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jun 20 04:42:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration



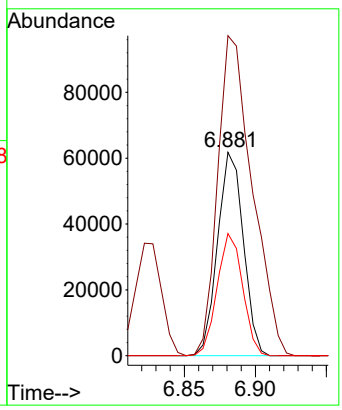


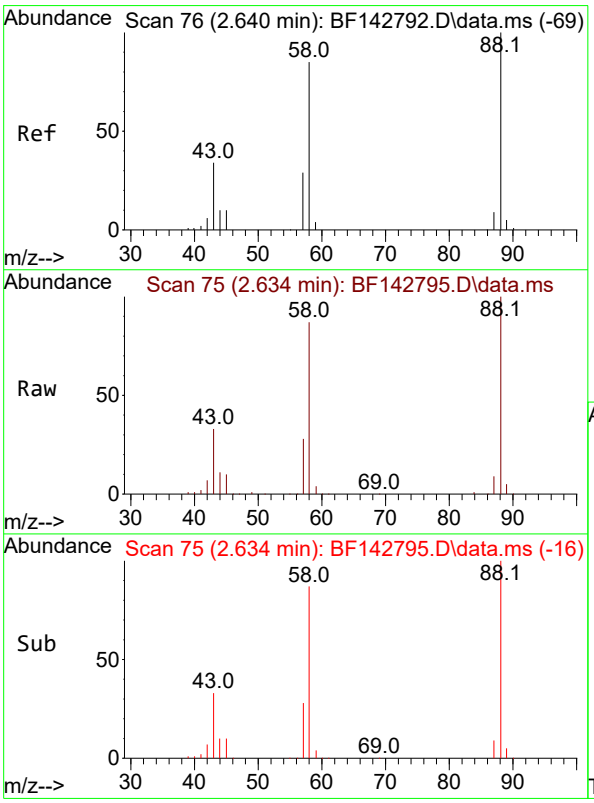
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 77938

Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.2	190.8
115	60.0	46.6	69.8

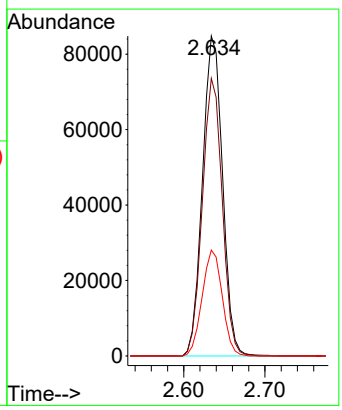


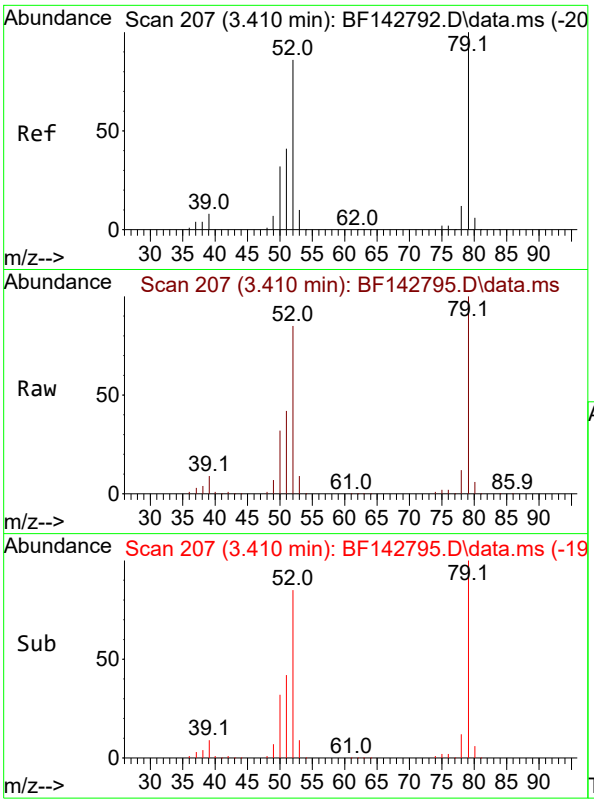


#2
1,4-Dioxane
Concen: 80.147 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 88 Resp: 145434

Ion	Ratio	Lower	Upper
88	100		
58	86.0	69.1	103.7
43	33.2	27.4	41.2



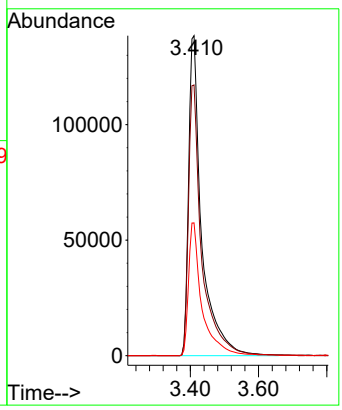


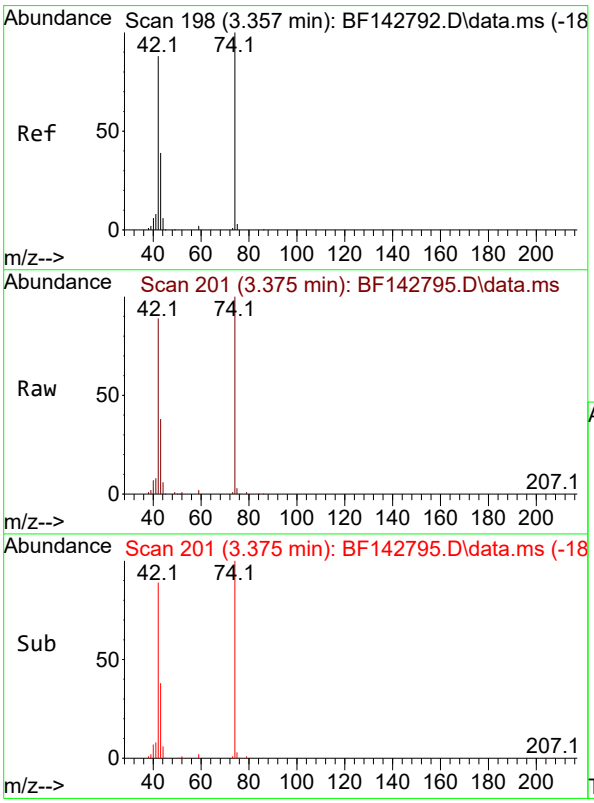
#3
Pyridine
Concen: 81.031 ng
RT: 3.410 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 368129

Ion	Ratio	Lower	Upper
79	100		
52	84.6	69.2	103.8
51	41.5	33.2	49.8

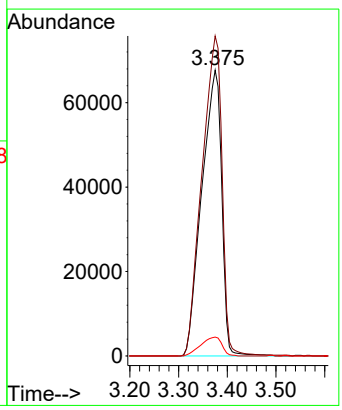


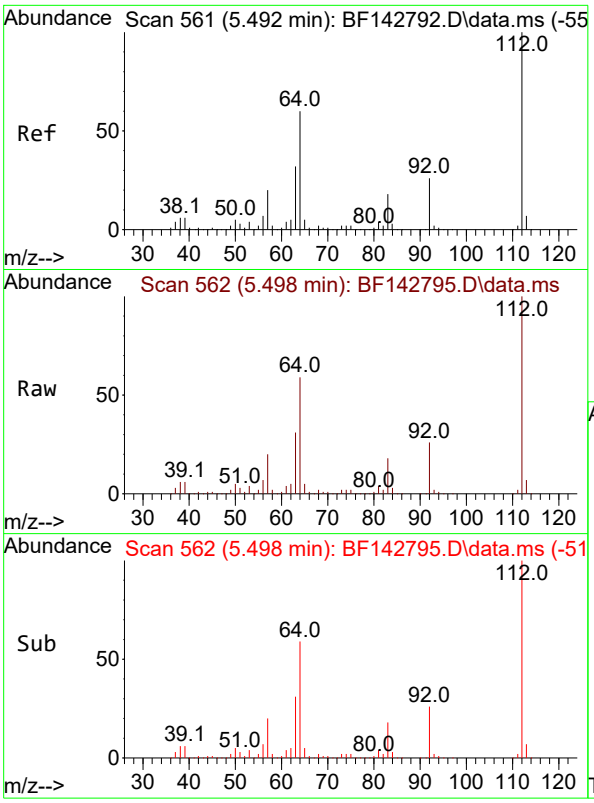


#4
n-Nitrosodimethylamine
Concen: 82.265 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 42 Resp: 191412

Ion	Ratio	Lower	Upper
42	100		
74	112.0	90.9	136.3
44	6.6	5.8	8.6



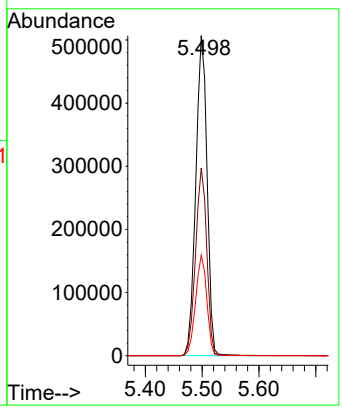


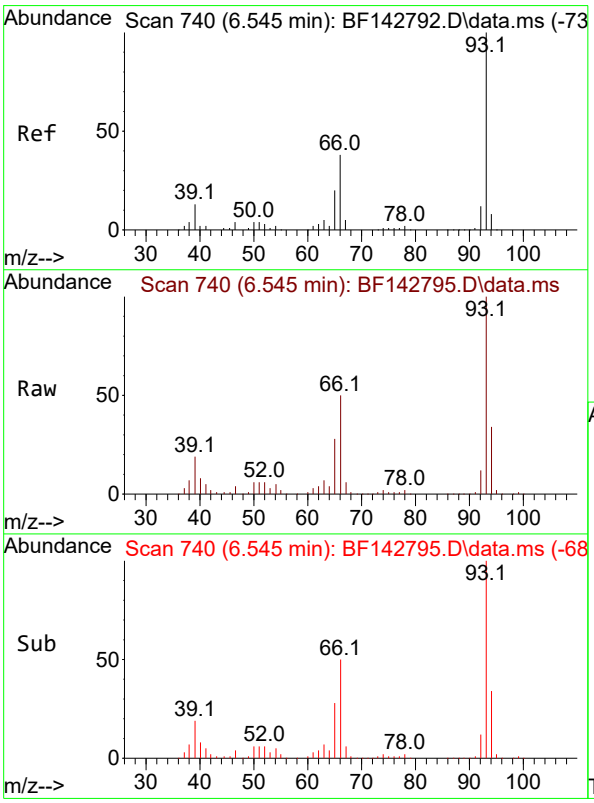
#5
2-Fluorophenol
Concen: 153.880 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 703164

Ion	Ratio	Lower	Upper
112	100		
64	58.7	48.2	72.2
63	31.4	25.7	38.5

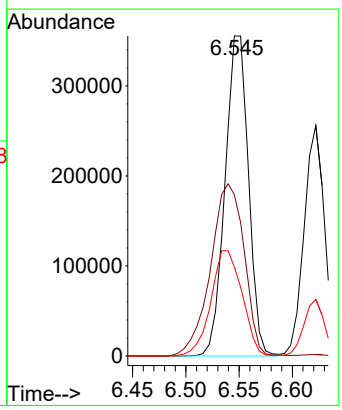


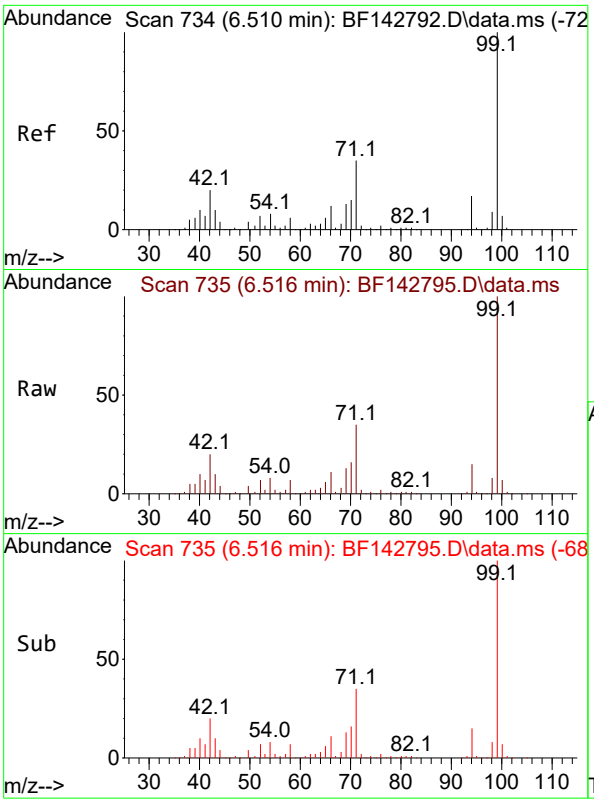


#6
Aniline
Concen: 75.672 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 93 Resp: 544167

Ion	Ratio	Lower	Upper
93	100		
66	50.4	31.8	47.6#
65	27.8	16.2	24.2#



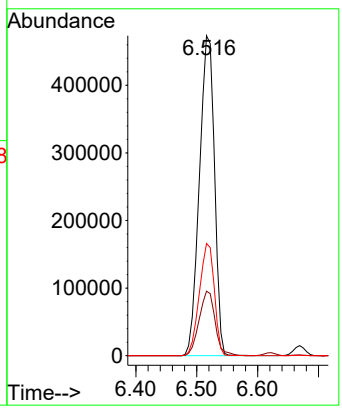


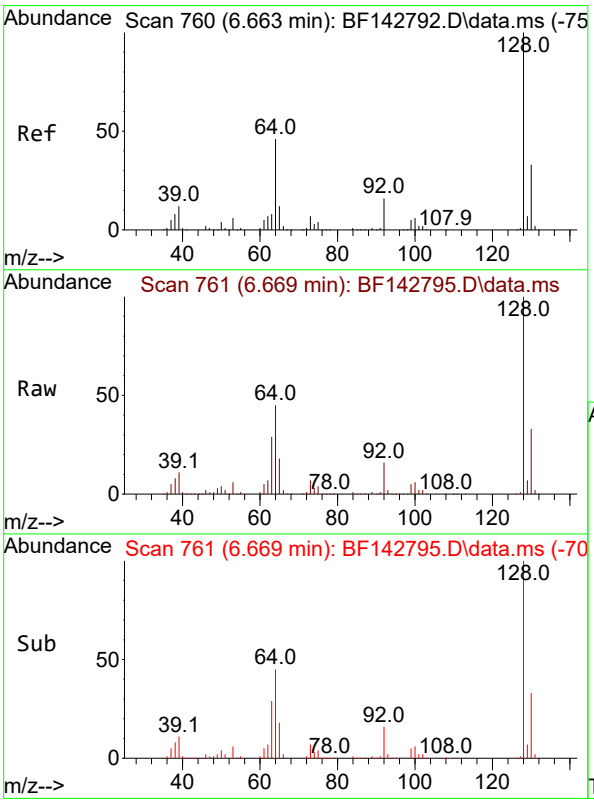
#7
Phenol-d6
Concen: 151.631 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 813626

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.9	23.9
71	35.1	27.8	41.8

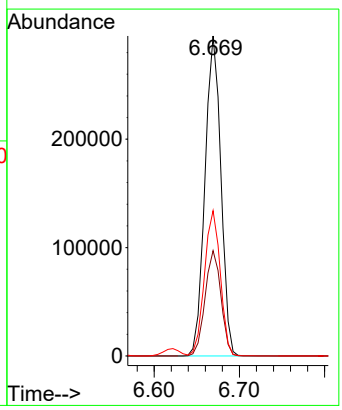


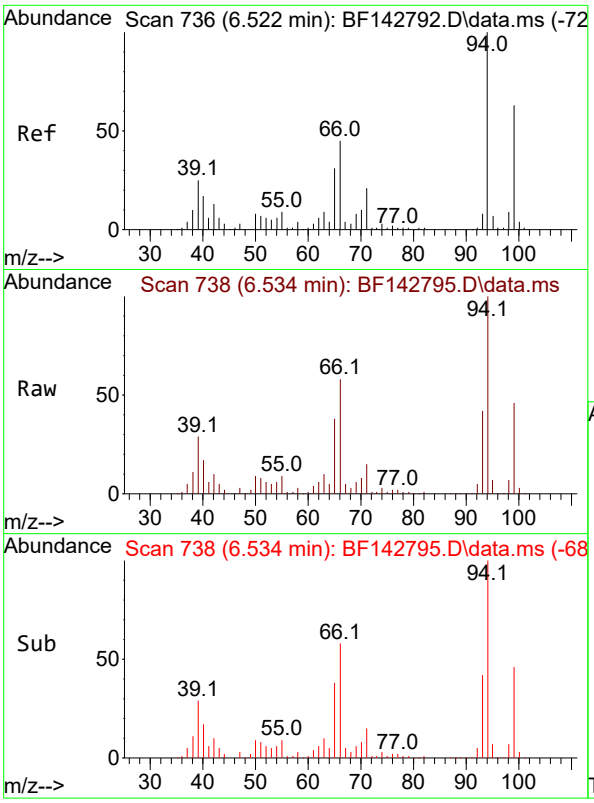


#8
2-Chlorophenol
Concen: 77.116 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:128 Resp: 383707

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	45.4	26.5	66.5



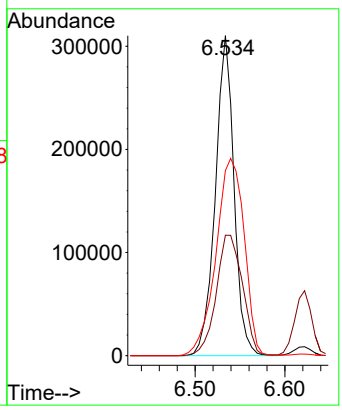


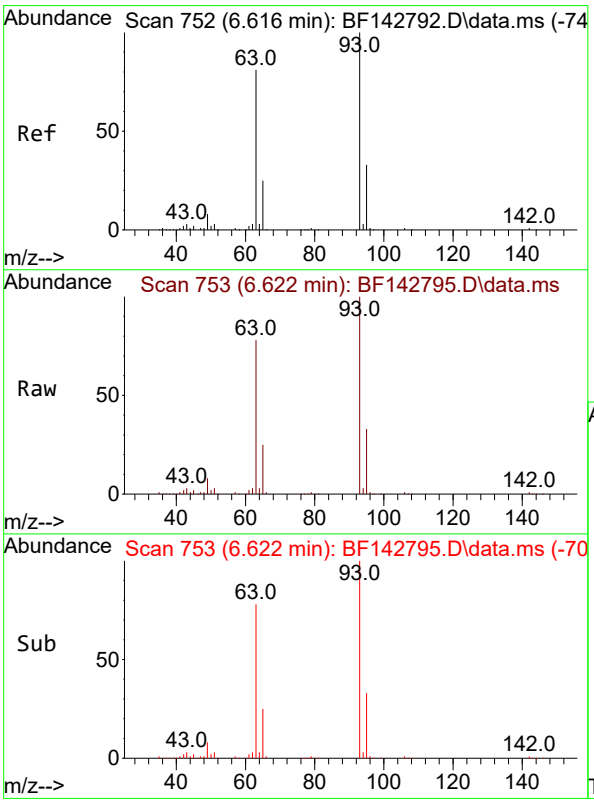
#10
Phenol
Concen: 74.906 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 94 Resp: 448139

Ion	Ratio	Lower	Upper
94	100		
65	37.7	11.3	51.3
66	57.8	24.9	64.9

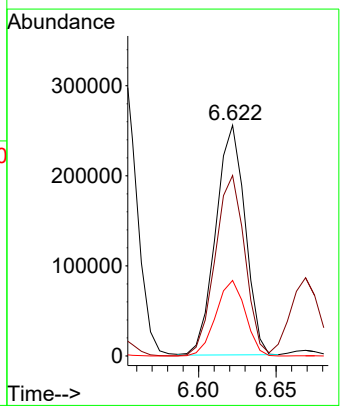


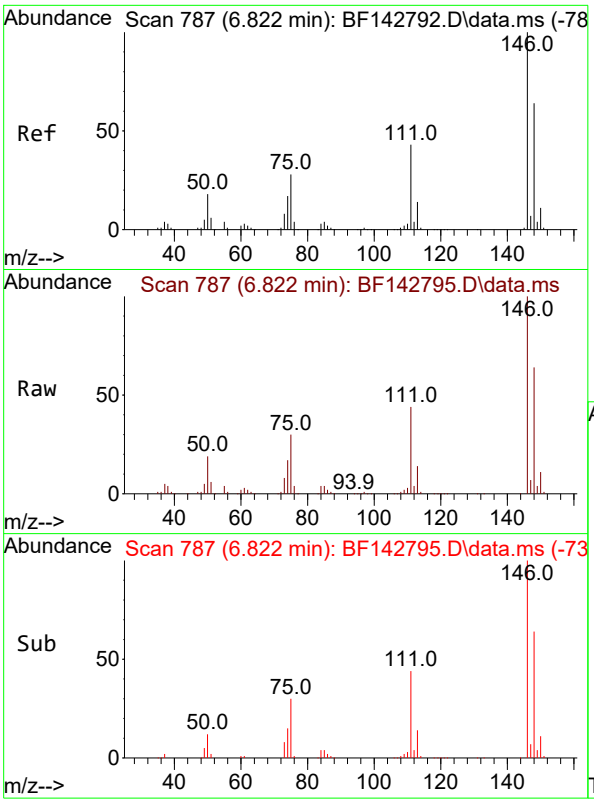


#11
bis(2-Chloroethyl)ether
Concen: 75.639 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 93 Resp: 335736

Ion	Ratio	Lower	Upper
93	100		
63	78.2	60.3	100.3
95	32.8	12.5	52.5



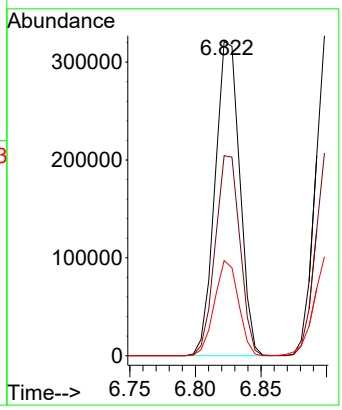


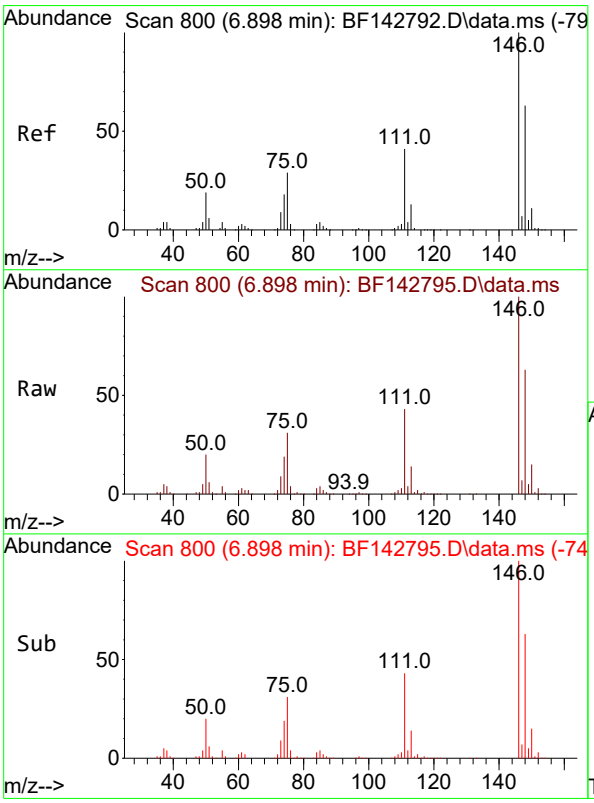
#12
1,3-Dichlorobenzene
Concen: 74.190 ng
RT: 6.822 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 420352

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
75	30.2	22.7	34.1

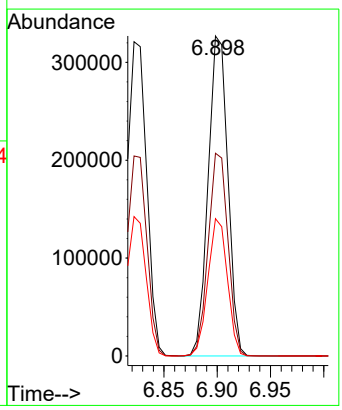


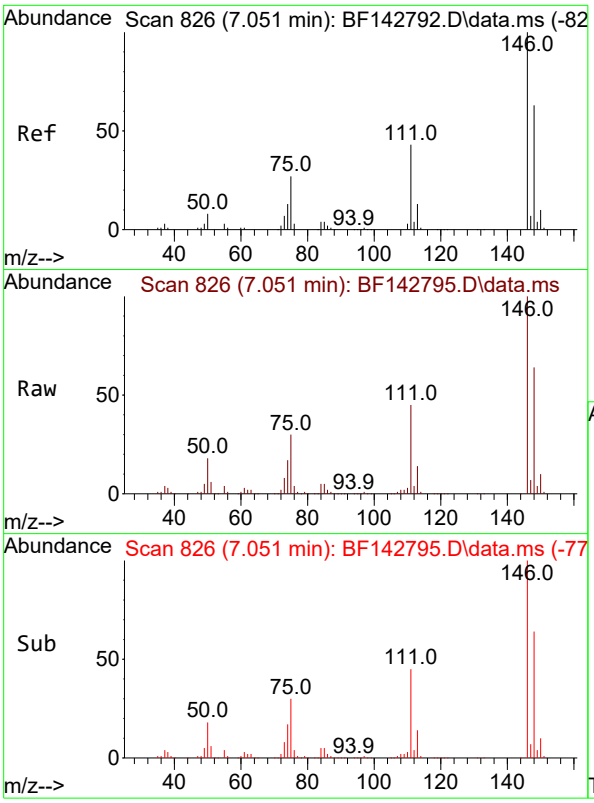


#13
1,4-Dichlorobenzene
Concen: 73.115 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:146 Resp: 419873

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.2	75.2
111	42.9	33.2	49.8



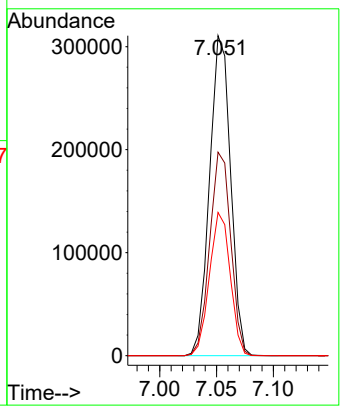


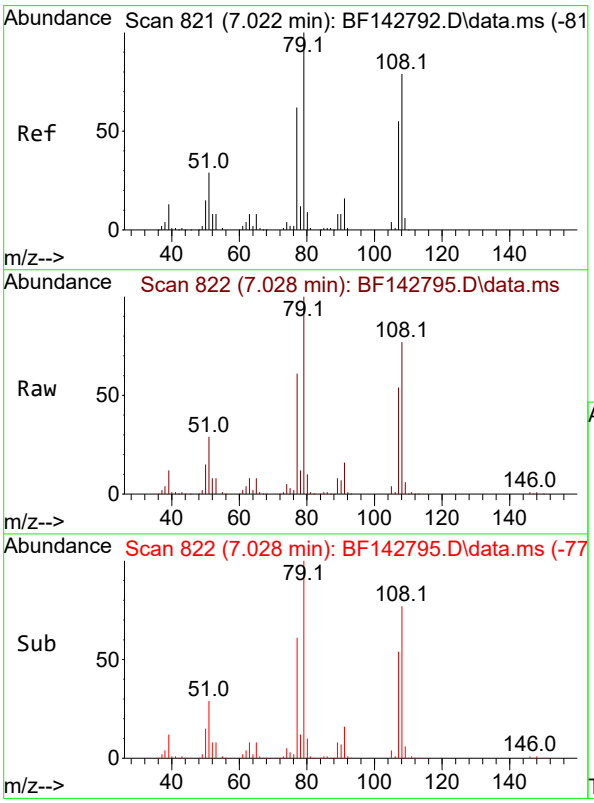
#14
1,2-Dichlorobenzene
Concen: 72.897 ng
RT: 7.051 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 400191

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	44.8	34.1	51.1

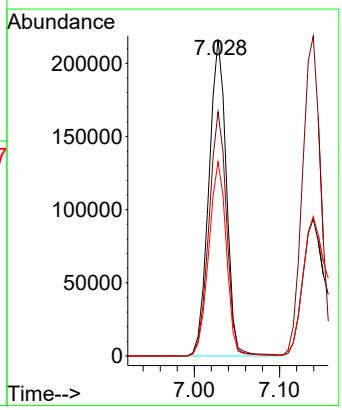


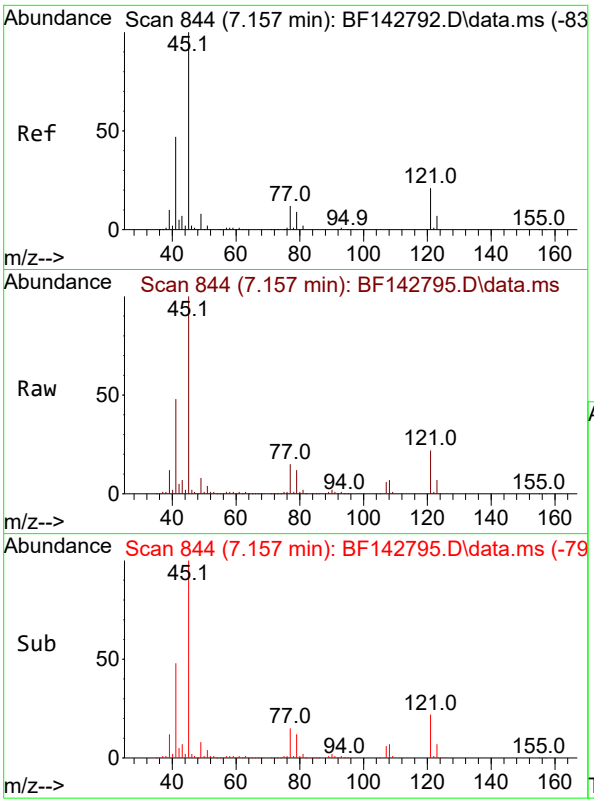


#15
Benzyl Alcohol
Concen: 76.460 ng
RT: 7.028 min Scan# 822
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 79 Resp: 307100

Ion	Ratio	Lower	Upper
79	100		
108	77.2	63.4	95.0
77	61.4	49.5	74.3



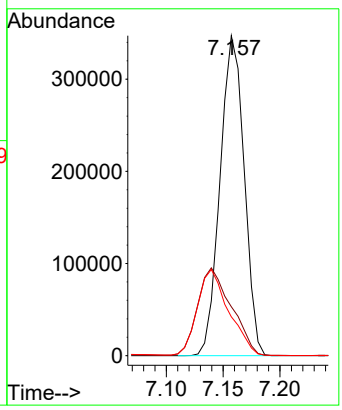


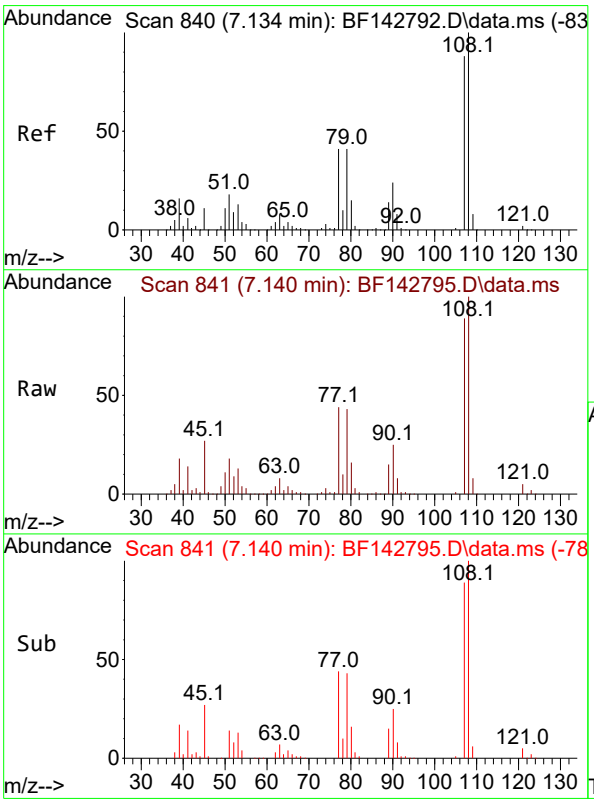
#16
2,2'-oxybis(1-Chloropropane)
Concen: 73.285 ng
RT: 7.157 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 45 Resp: 512514

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	32.8
79	12.1	0.0	29.8

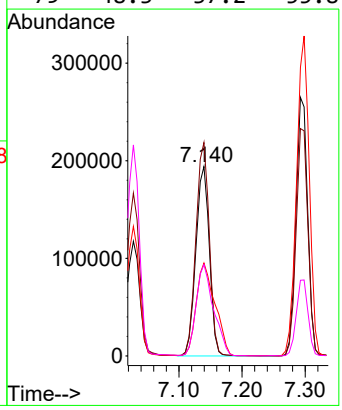


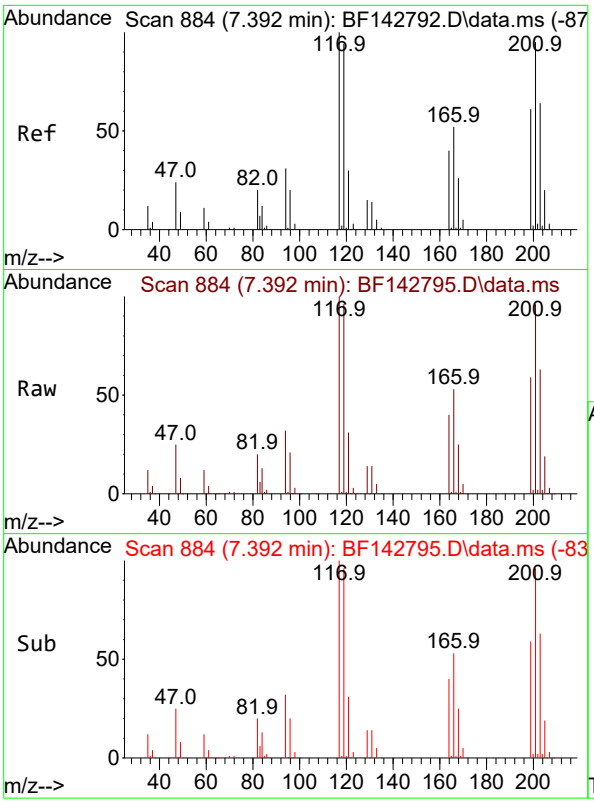


#17
2-Methylphenol
Concen: 76.123 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:107 Resp: 289573

Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.9	136.3
77	49.1	37.3	55.9
79	48.3	37.2	55.8



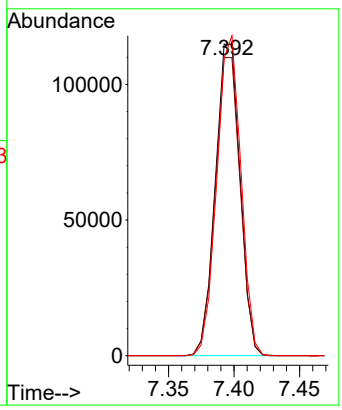


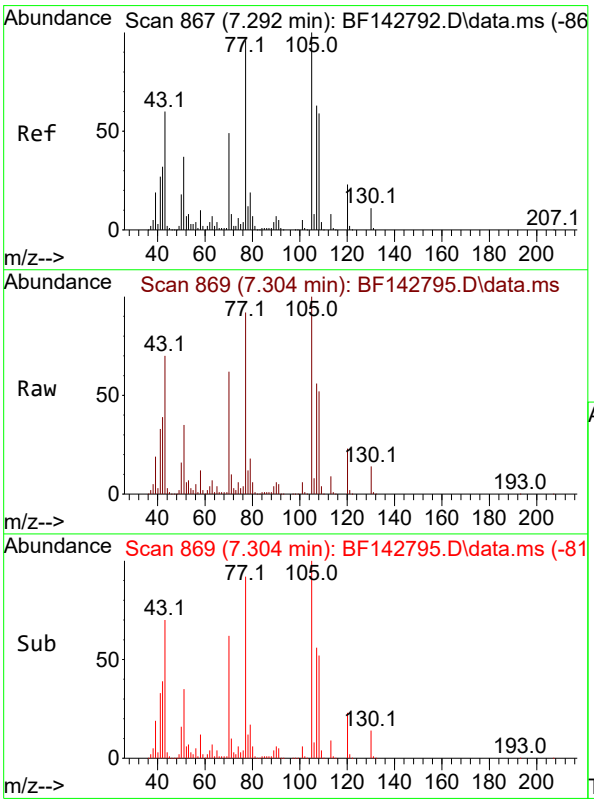
#18
Hexachloroethane
Concen: 73.550 ng
RT: 7.392 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:117 Resp: 150991

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
201	95.5	75.9	113.9

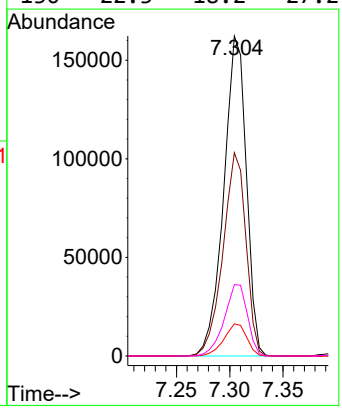


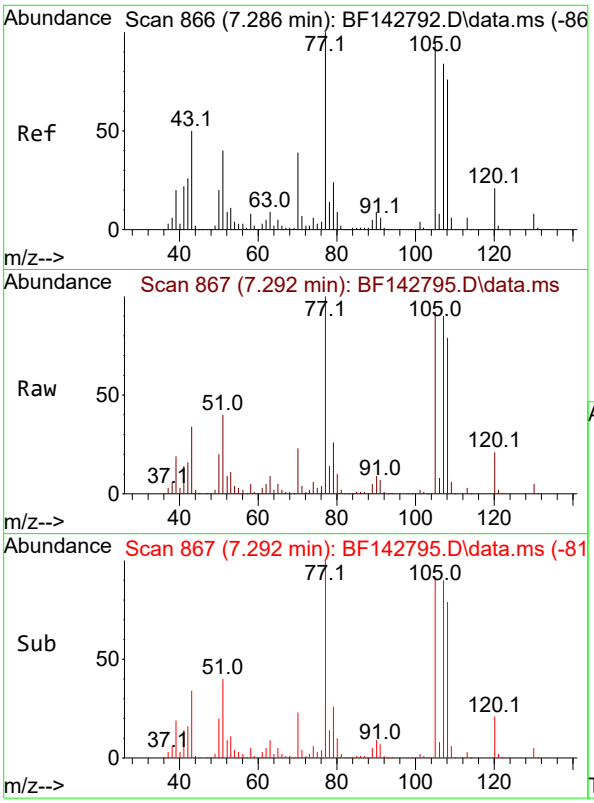


#19
n-Nitroso-di-n-propylamine
Concen: 70.563 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 70 Resp: 238778

Ion	Ratio	Lower	Upper
70	100		
42	63.5	52.1	78.1
101	10.0	8.2	12.2
130	22.3	18.2	27.2



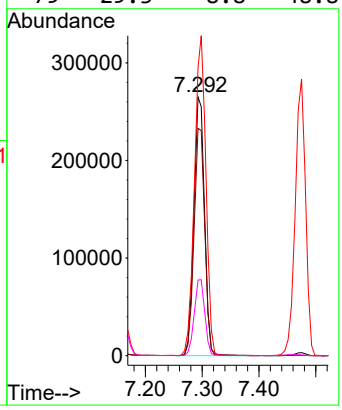


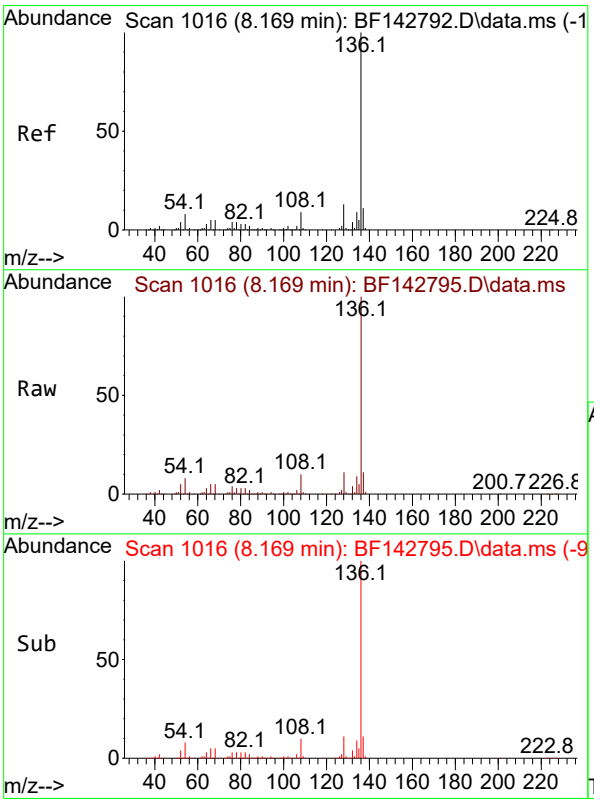
#20
3+4-Methylphenols
Concen: 72.154 ng
RT: 7.292 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 345456

Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.0	110.0
77	111.5	98.5	138.5
79	29.3	8.8	48.8

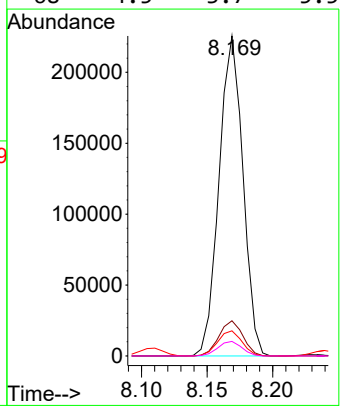


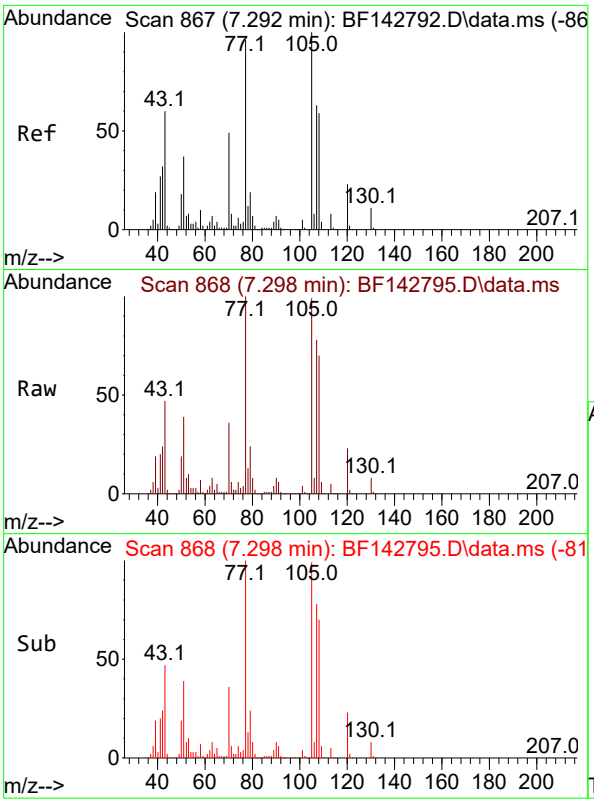


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:136 Resp: 285299

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.9	6.3	9.5
68	4.5	3.7	5.5



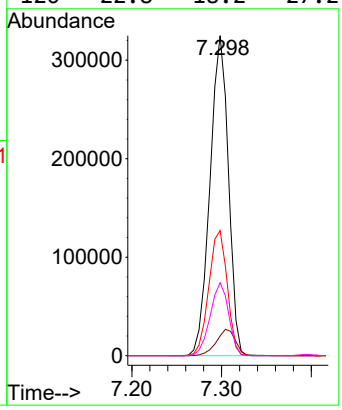


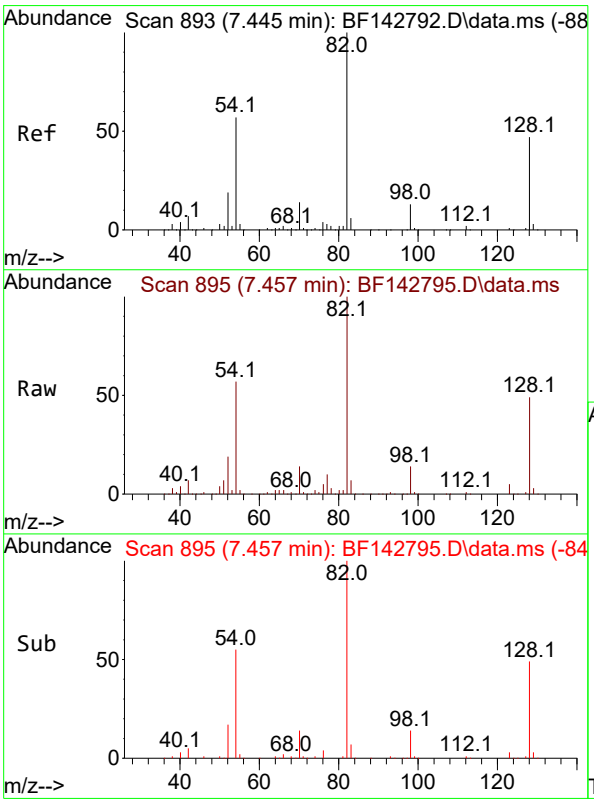
#22
Acetophenone
Concen: 73.349 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:105 Resp: 463019

Ion	Ratio	Lower	Upper
105	100		
71	6.2	6.5	9.7#
51	39.1	29.8	44.8
120	22.8	18.2	27.2

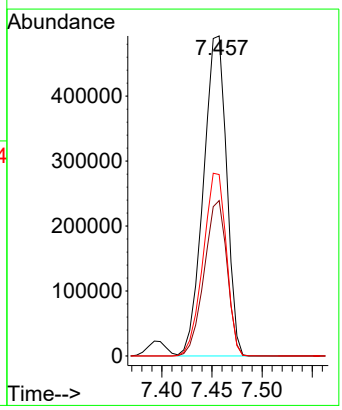


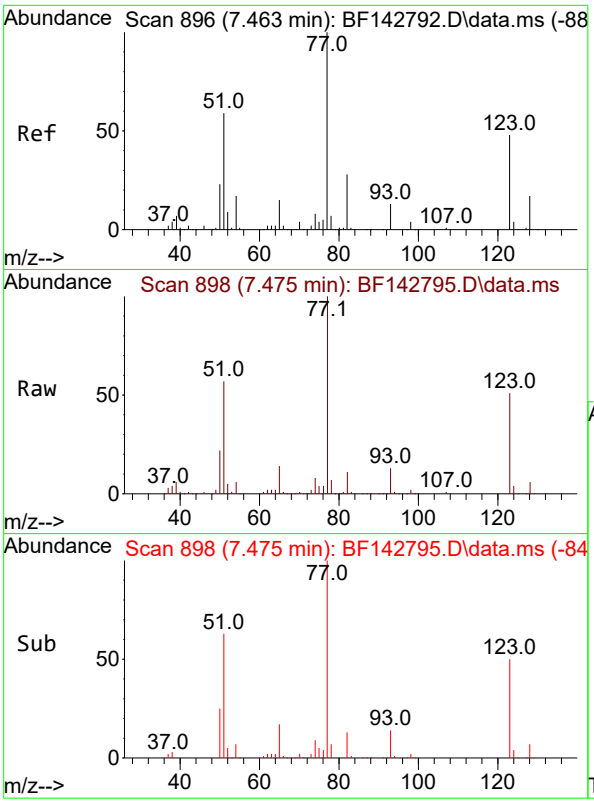


#23
Nitrobenzene-d5
Concen: 152.234 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 82 Resp: 792380

Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.7	56.5
54	56.7	45.7	68.5



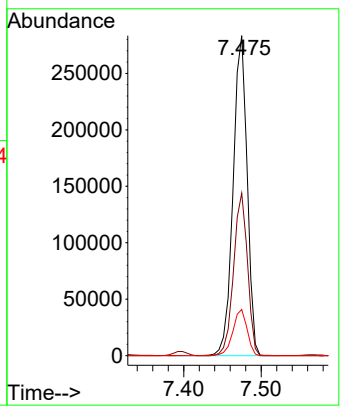


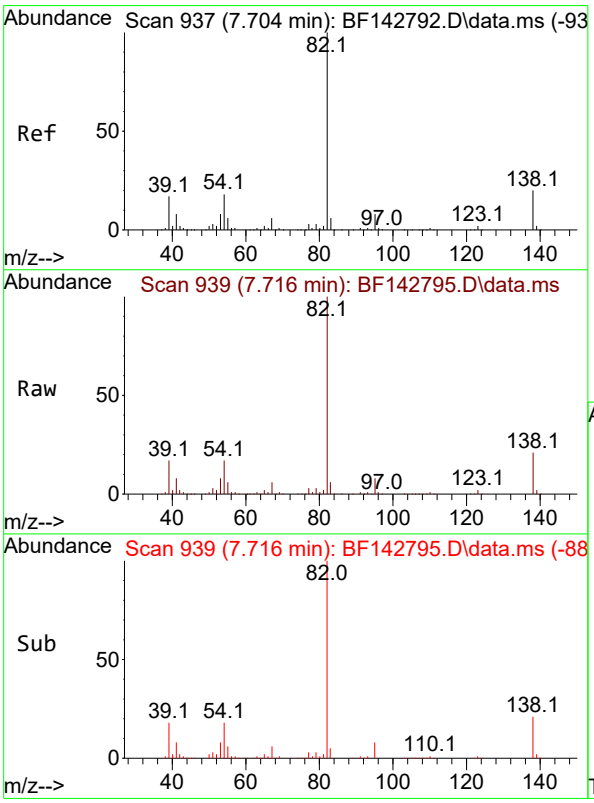
#24
Nitrobenzene
Concen: 77.574 ng
RT: 7.475 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 358834

Ion	Ratio	Lower	Upper
77	100		
123	50.8	39.2	58.8
65	14.4	11.6	17.4

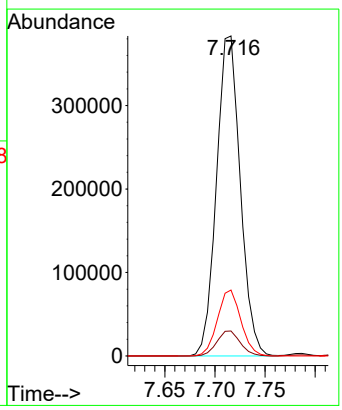


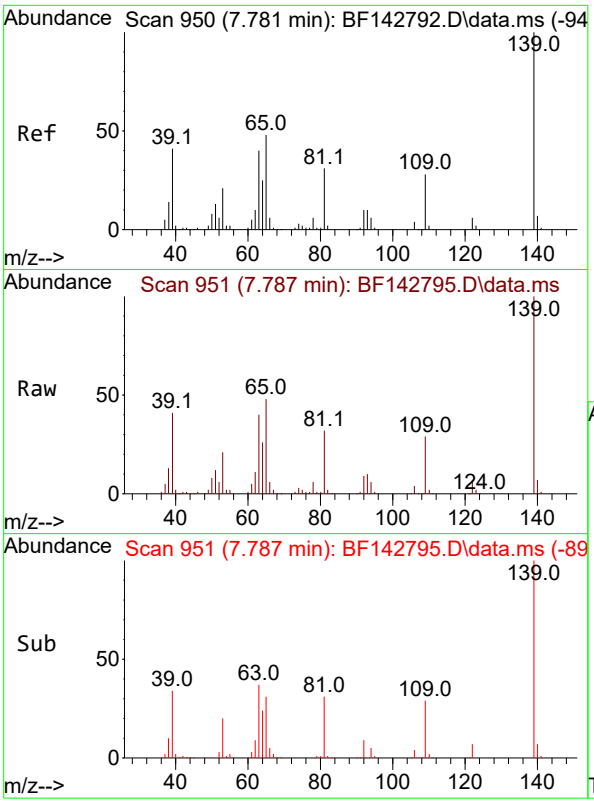


#25
Isophorone
Concen: 72.447 ng
RT: 7.716 min Scan# 939
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 82 Resp: 632390

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.2	9.2
138	20.6	16.2	24.4



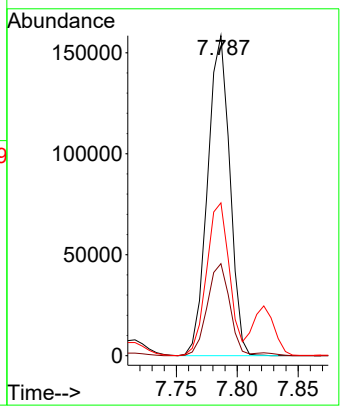


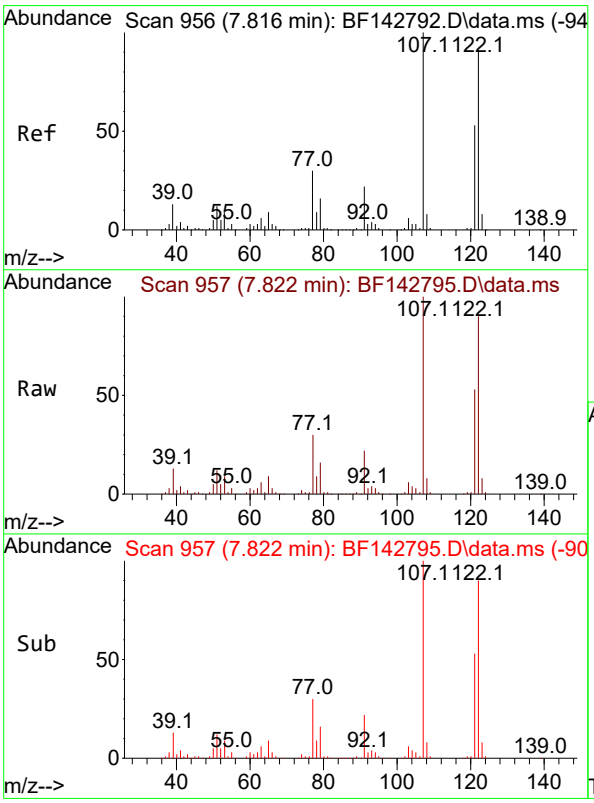
#26
2-Nitrophenol
Concen: 78.009 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 201064

Ion	Ratio	Lower	Upper
139	100		
109	28.8	22.7	34.1
65	47.8	38.6	58.0

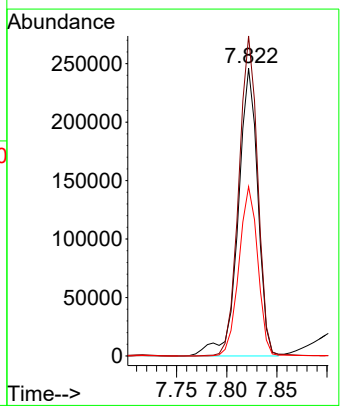


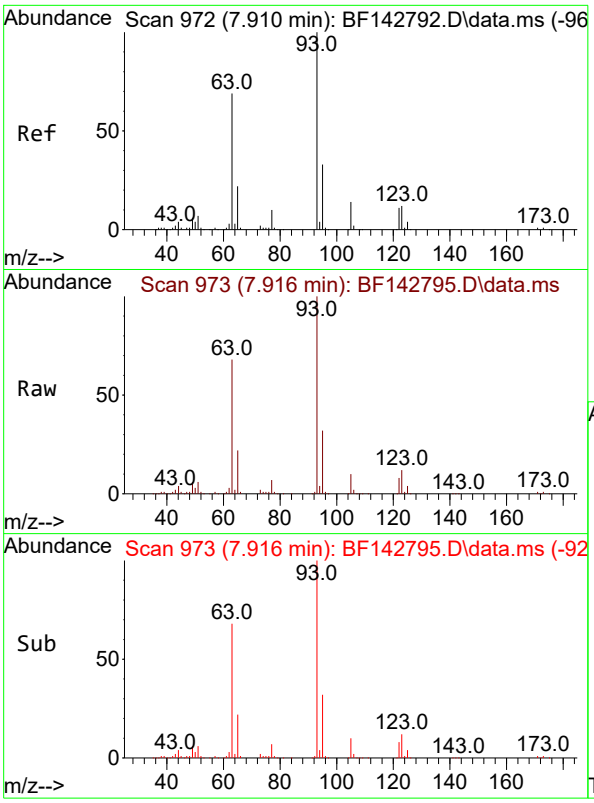


#27
2,4-Dimethylphenol
Concen: 76.518 ng
RT: 7.822 min Scan# 957
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:122 Resp: 335771

Ion	Ratio	Lower	Upper
122	100		
107	111.2	88.0	132.0
121	58.9	46.3	69.5



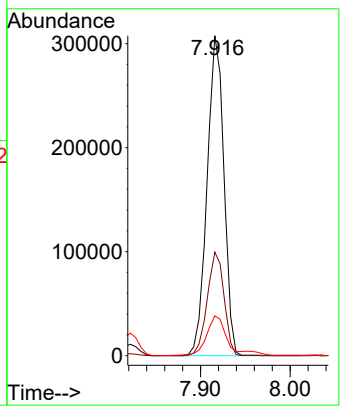


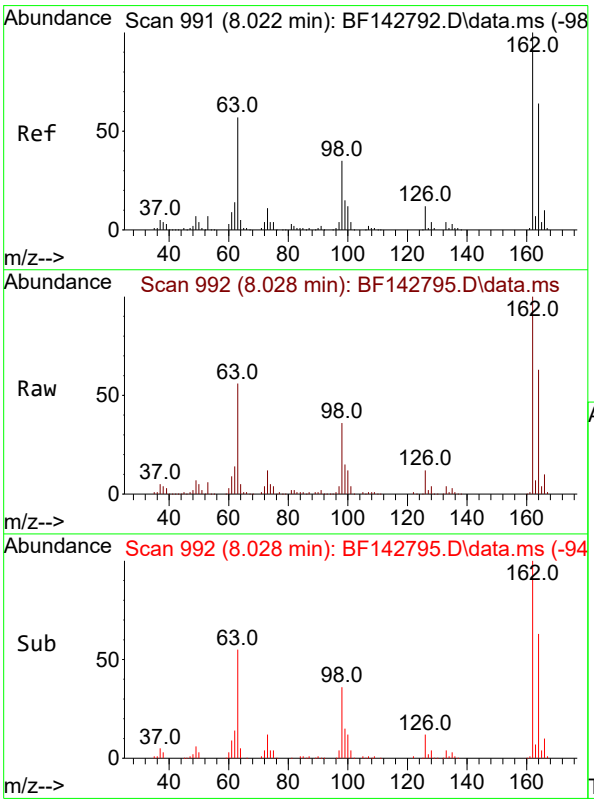
#28
bis(2-Chloroethoxy)methane
Concen: 73.793 ng
RT: 7.916 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 400973

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	12.4	9.9	14.9

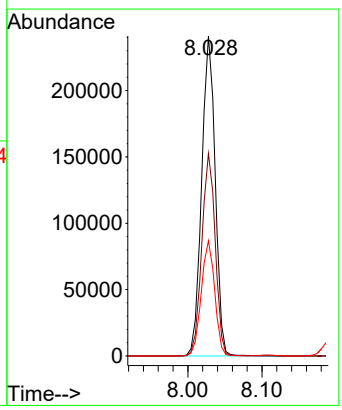


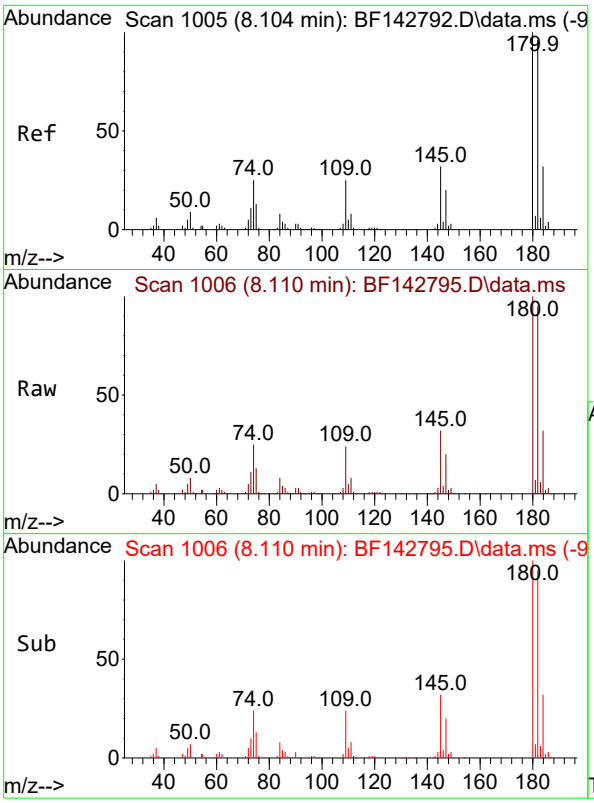


#29
2,4-Dichlorophenol
Concen: 75.689 ng
RT: 8.028 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:162 Resp: 306123

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.0	84.0
98	36.0	15.4	55.4



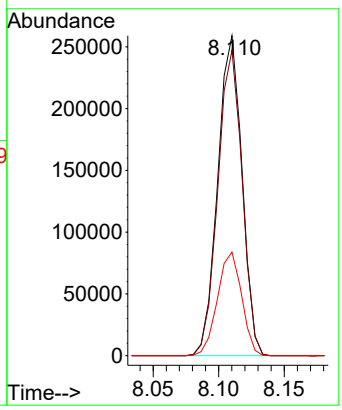


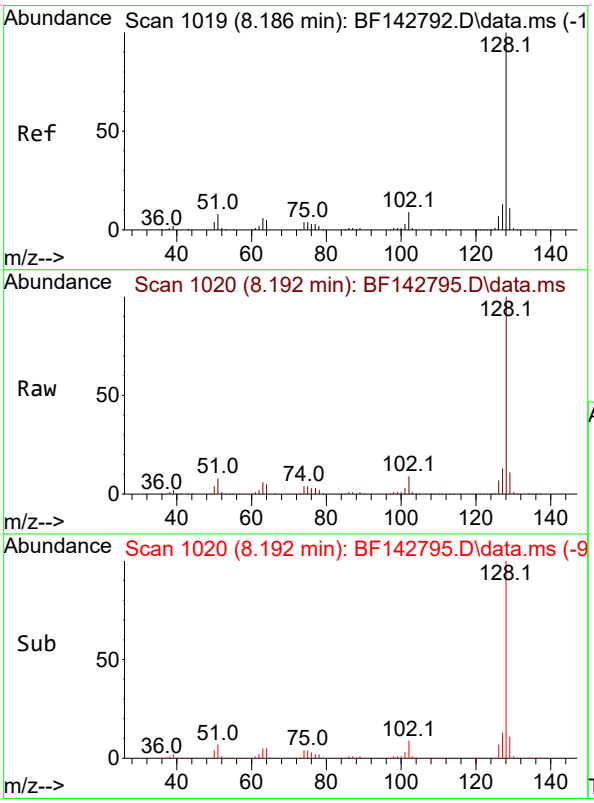
#30
1,2,4-Trichlorobenzene
Concen: 74.472 ng
RT: 8.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:180 Resp: 332721

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.4	114.6
145	32.3	25.8	38.8

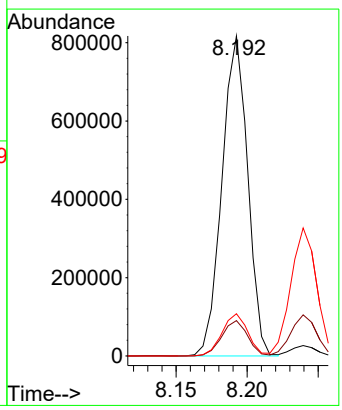


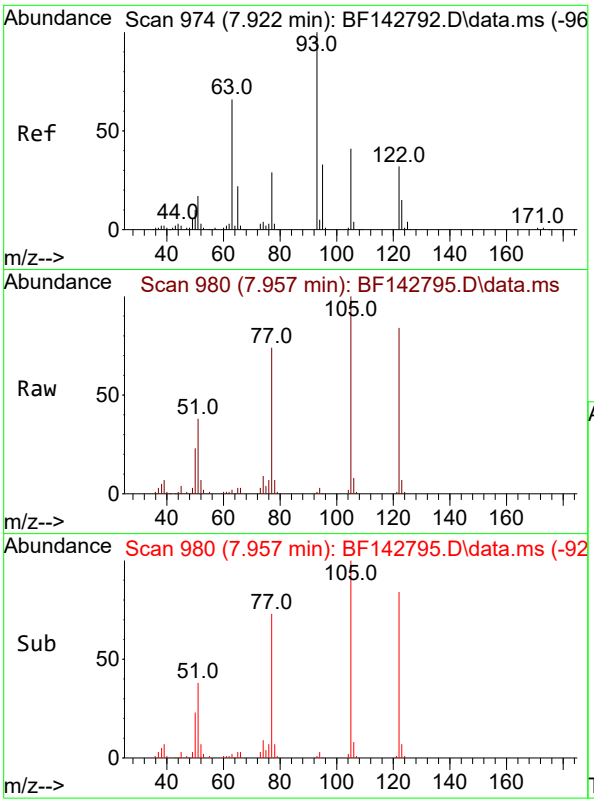


#31
Naphthalene
Concen: 73.342 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:128 Resp: 1029082

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.4	15.6



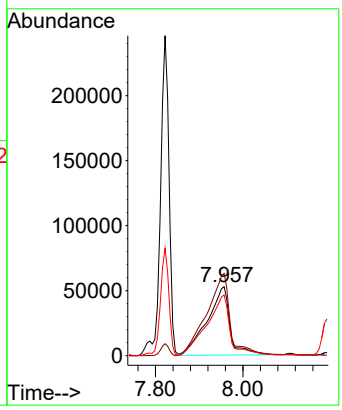


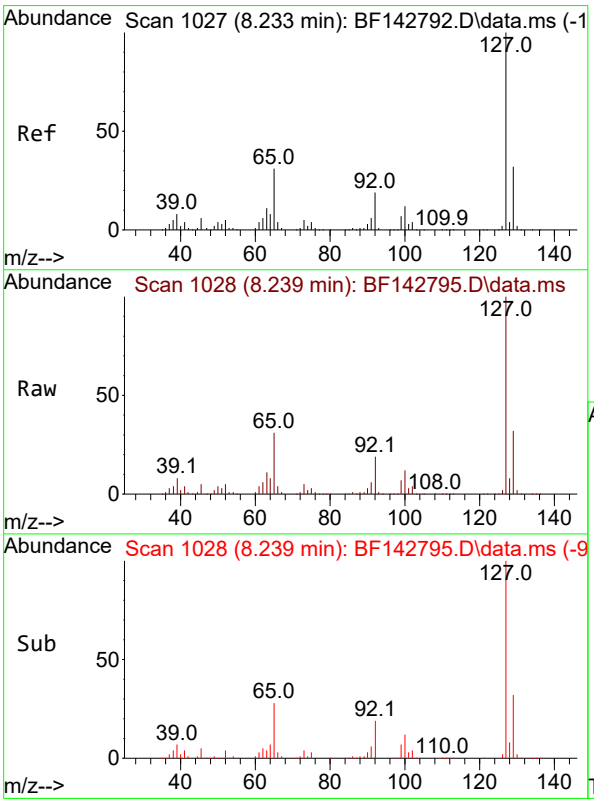
#32
Benzoic acid
Concen: 79.082 ng
RT: 7.957 min Scan# 9
Delta R.T. 0.035 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 192536

Ion	Ratio	Lower	Upper
122	100		
105	119.5	104.7	144.7
77	88.0	70.2	110.2

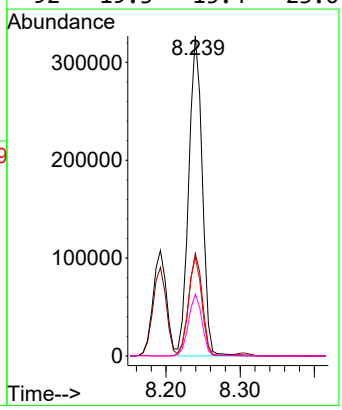


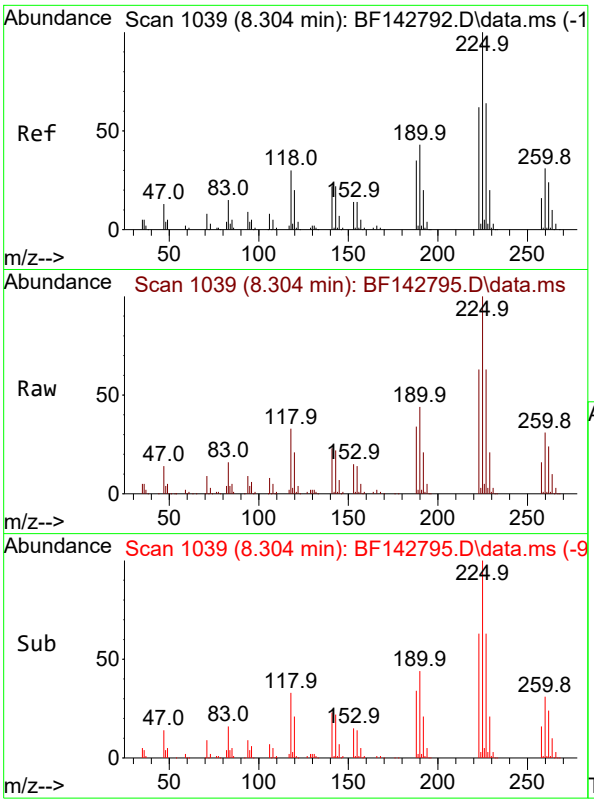


#33
4-Chloroaniline
Concen: 73.608 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:127 Resp: 413911

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	30.8	24.6	36.8
92	19.3	15.4	23.0



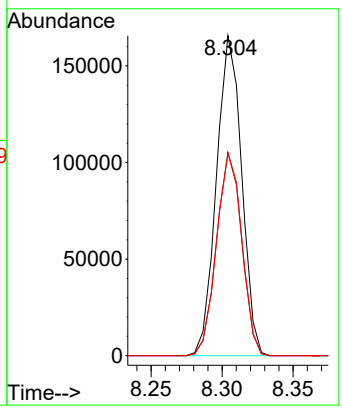


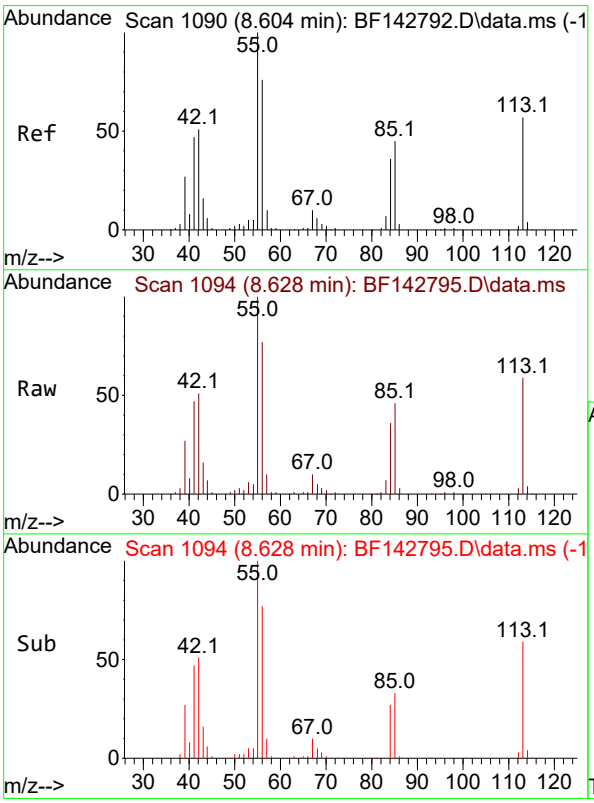
#34
Hexachlorobutadiene
Concen: 72.088 ng
RT: 8.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:225 Resp: 204081

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.9	74.9
227	63.5	51.4	77.0

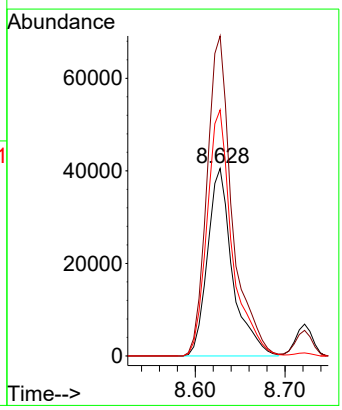


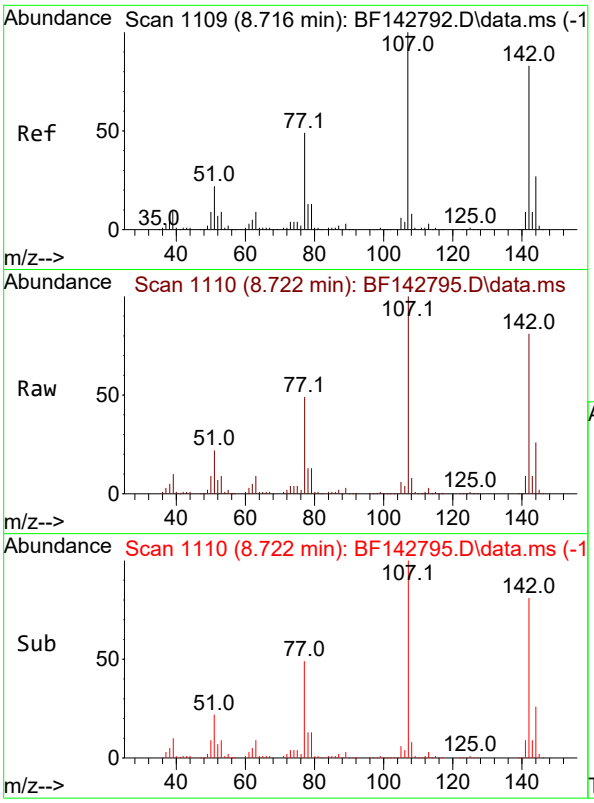


#35
Caprolactam
Concen: 71.952 ng
RT: 8.628 min Scan# 1094
Delta R.T. 0.024 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:113 Resp: 78302

Ion	Ratio	Lower	Upper
113	100		
55	170.6	154.4	194.4
56	131.2	112.1	152.1



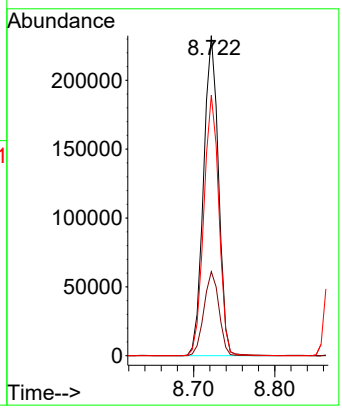


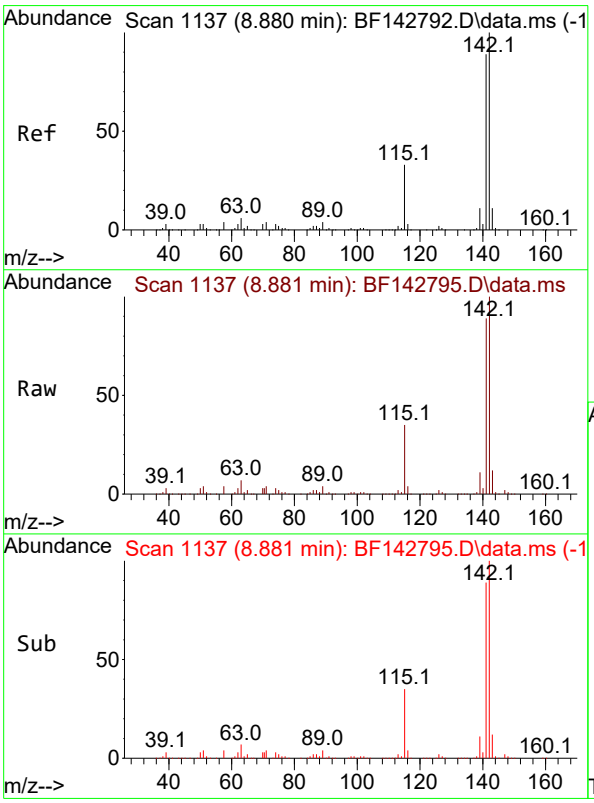
#36
4-Chloro-3-methylphenol
Concen: 70.974 ng
RT: 8.722 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 296520

Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.3	31.9
142	81.4	66.6	100.0

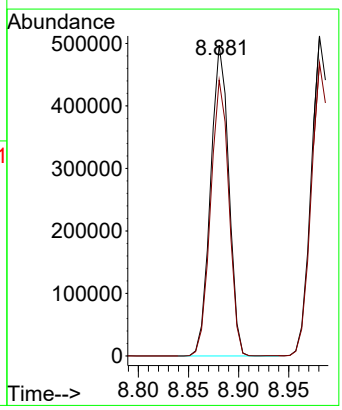


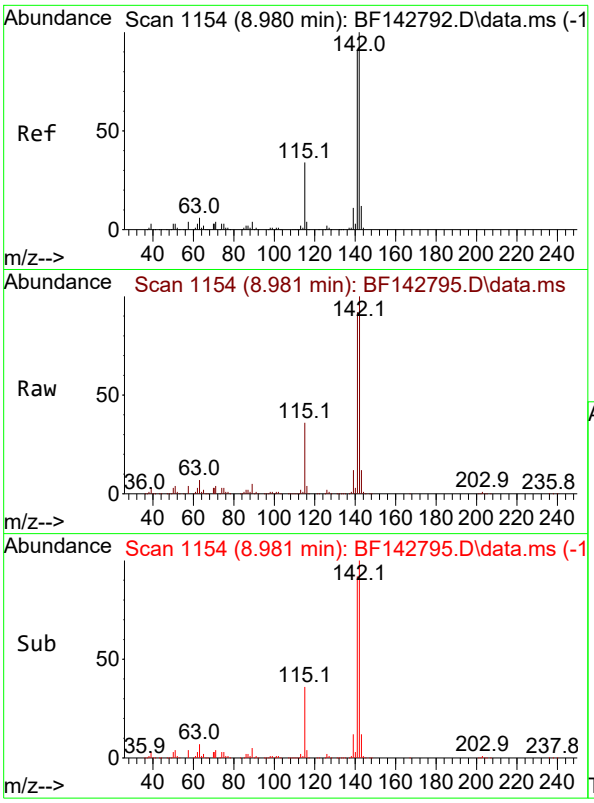


#37
2-Methylnaphthalene
Concen: 70.857 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:142 Resp: 627195

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.9	106.3



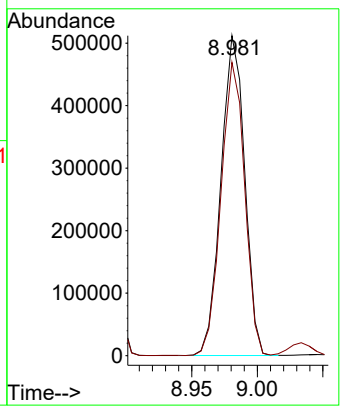


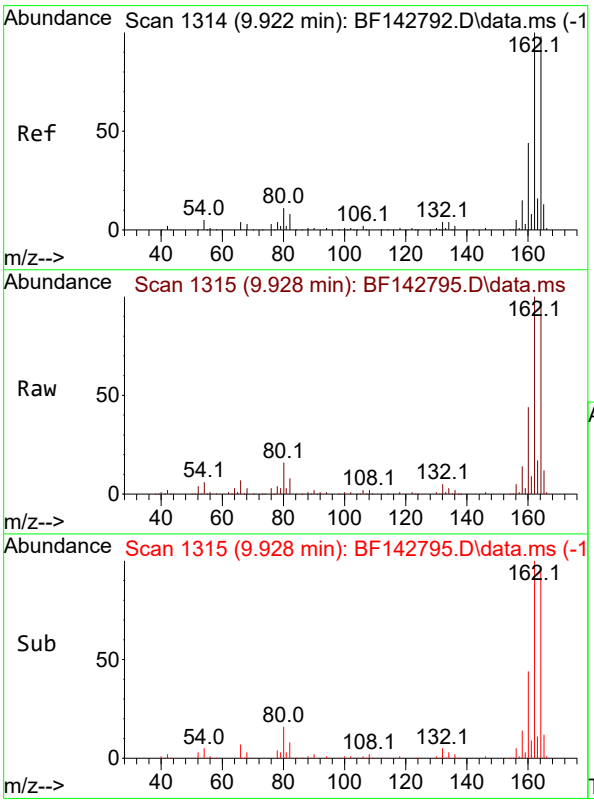
#38
1-Methylnaphthalene
Concen: 69.952 ng
RT: 8.981 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 642853

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.0	109.4

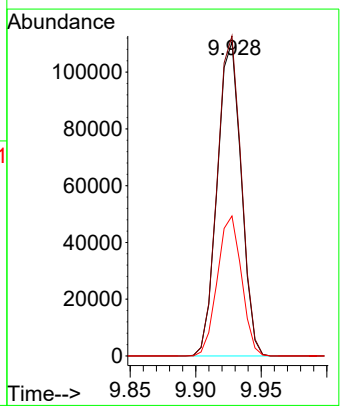


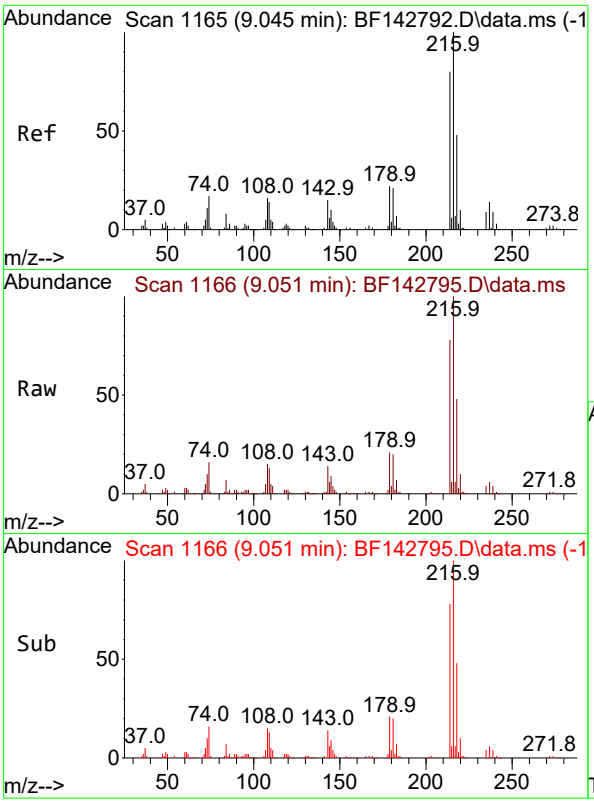


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:164 Resp: 140262

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.8
160	44.6	36.0	54.0



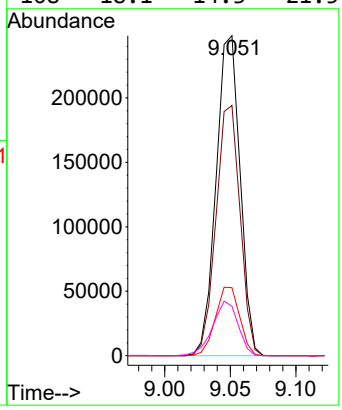


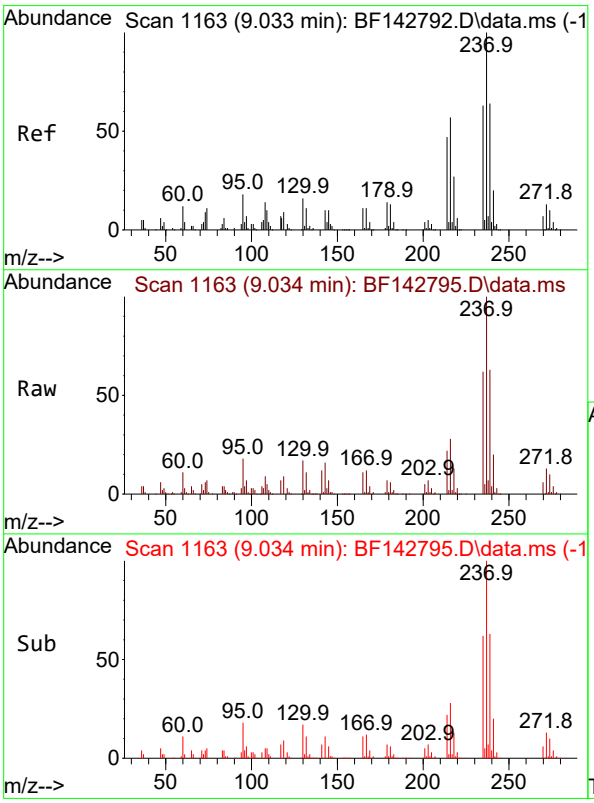
#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.028 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:216 Resp: 315930

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.7	95.5
179	21.7	17.6	26.4
108	18.1	14.3	21.5

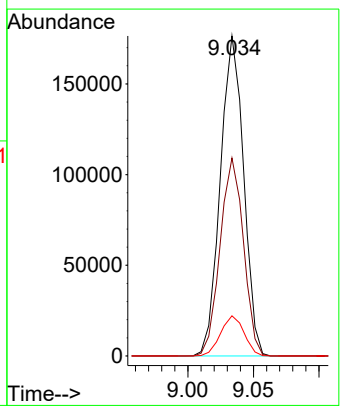


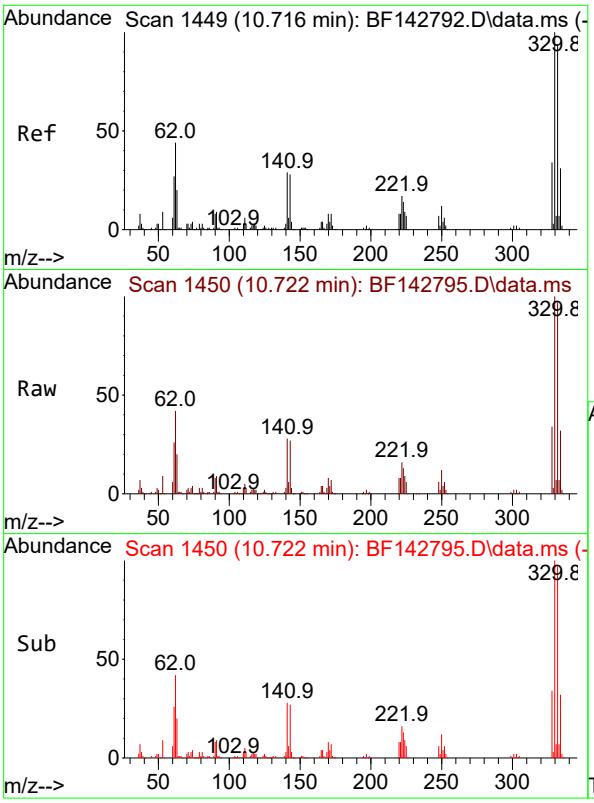


#41
Hexachlorocyclopentadiene
Concen: 85.183 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:237 Resp: 218091

Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.4	83.4
272	12.6	0.0	32.7



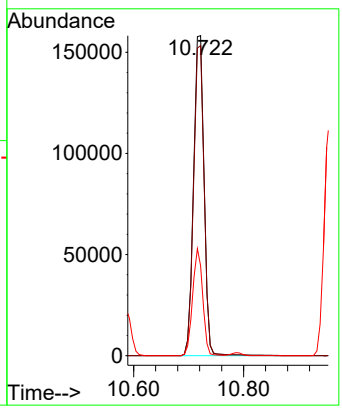


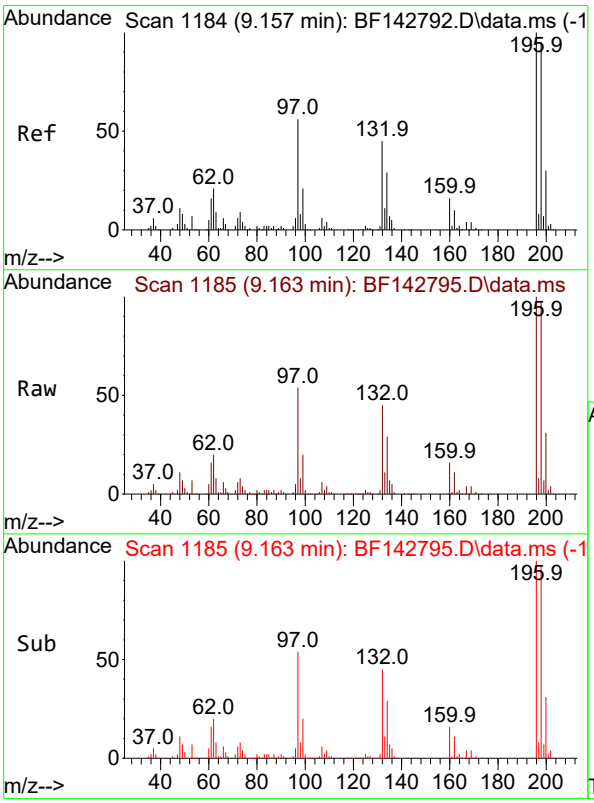
#42
2,4,6-Tribromophenol
Concen: 137.823 ng
RT: 10.722 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:330 Resp: 210092

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.0	112.6
141	31.9	25.3	37.9

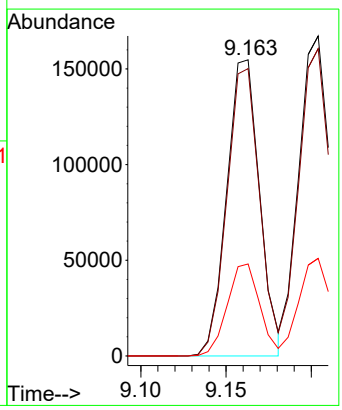


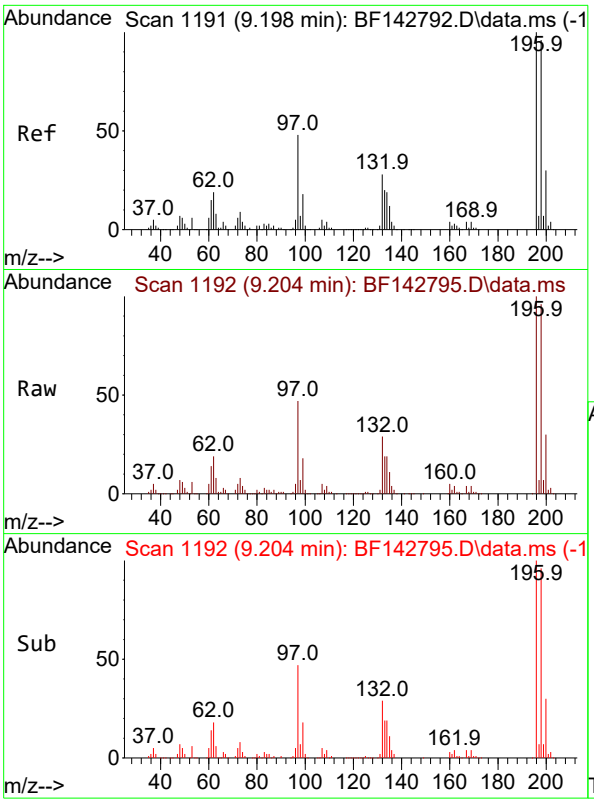


#43
2,4,6-Trichlorophenol
Concen: 79.375 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:196 Resp: 207984

Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.2	114.2
200	31.1	24.1	36.1



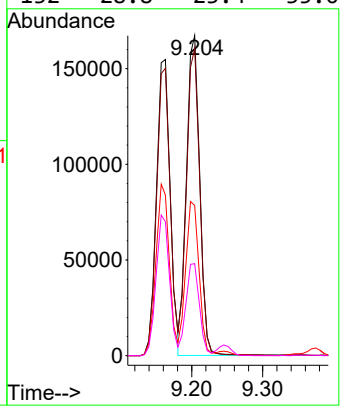


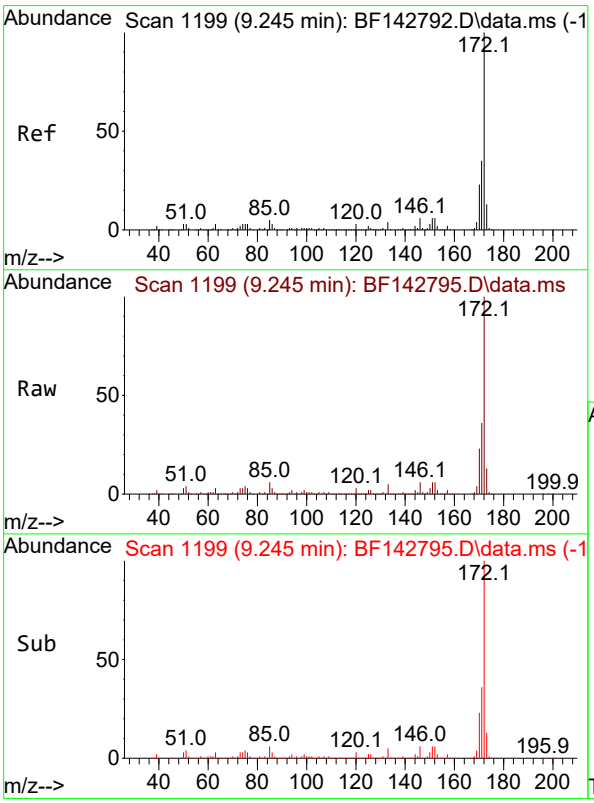
#44
2,4,5-Trichlorophenol
Concen: 76.993 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 217860

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	115.0
97	47.0	38.2	57.2
132	28.8	23.4	35.0

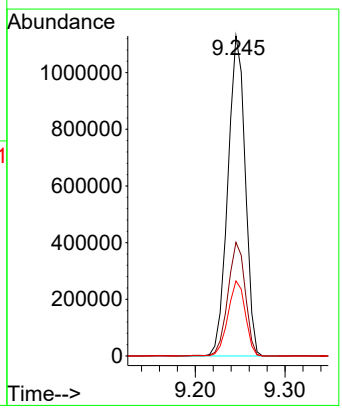


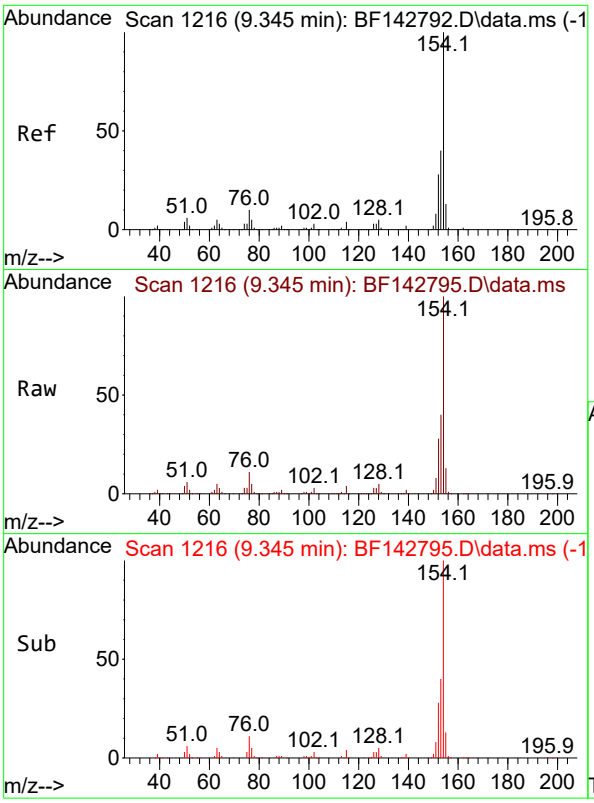


#45
2-Fluorobiphenyl
Concen: 143.770 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:172 Resp: 1515847

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.5	18.5	27.7



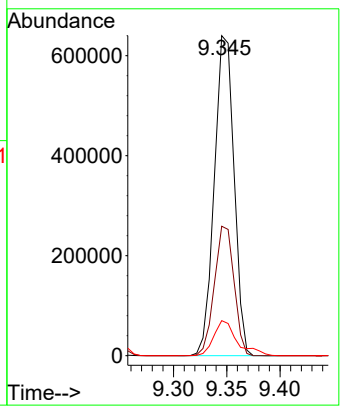


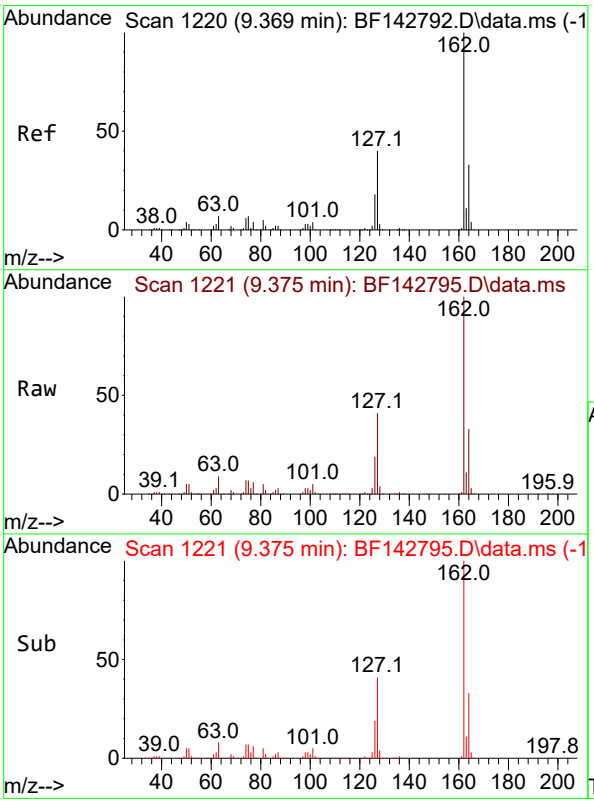
#46
1,1'-Biphenyl
Concen: 75.525 ng
RT: 9.345 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 822529

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	10.9	0.0	30.3

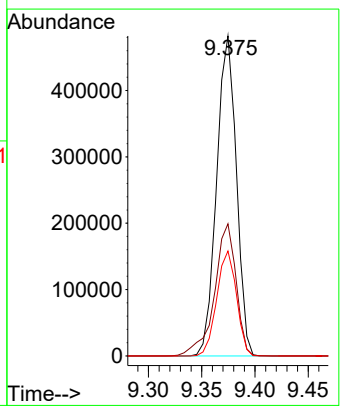


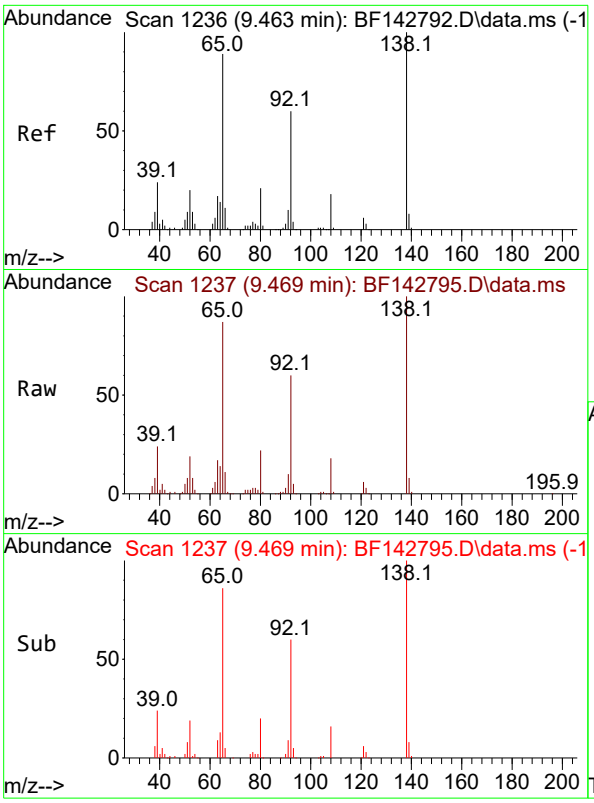


#47
2-Chloronaphthalene
Concen: 77.199 ng
RT: 9.375 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:162 Resp: 620399

Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.2	48.2
164	32.8	26.1	39.1



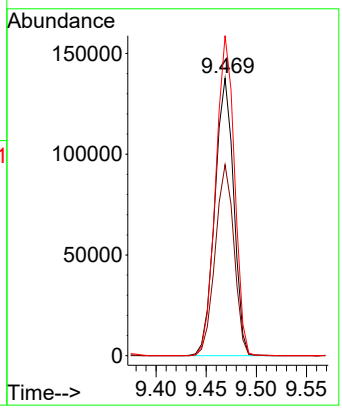


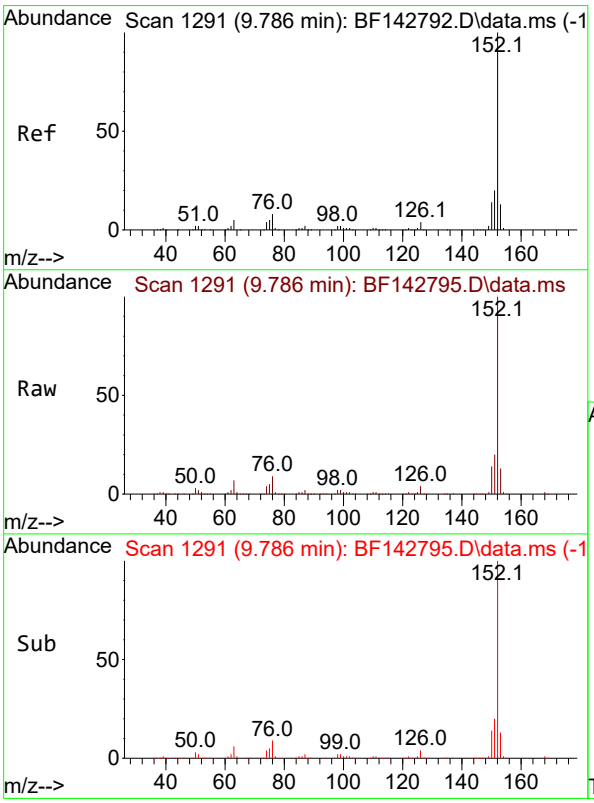
#48
2-Nitroaniline
Concen: 78.716 ng
RT: 9.469 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 65 Resp: 179718

Ion	Ratio	Lower	Upper
65	100		
92	68.8	53.8	80.6
138	115.3	89.6	134.4

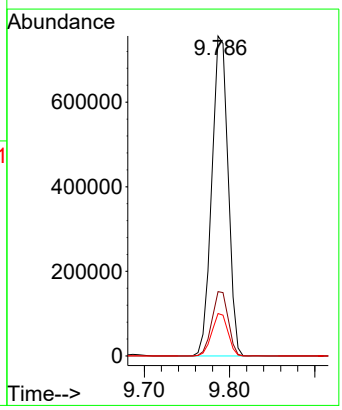


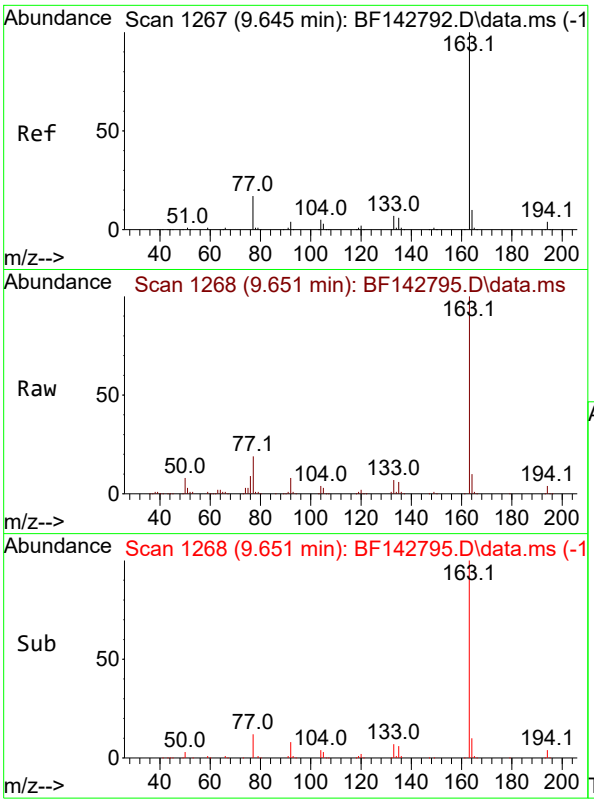


#49
Acenaphthylene
Concen: 74.207 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:152 Resp: 1002569

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.2	10.4	15.6



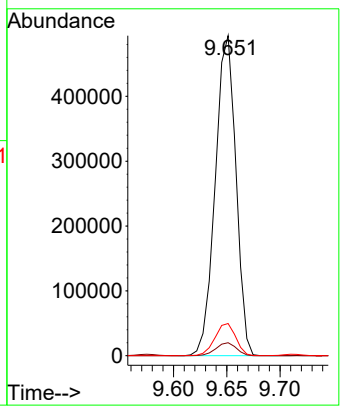


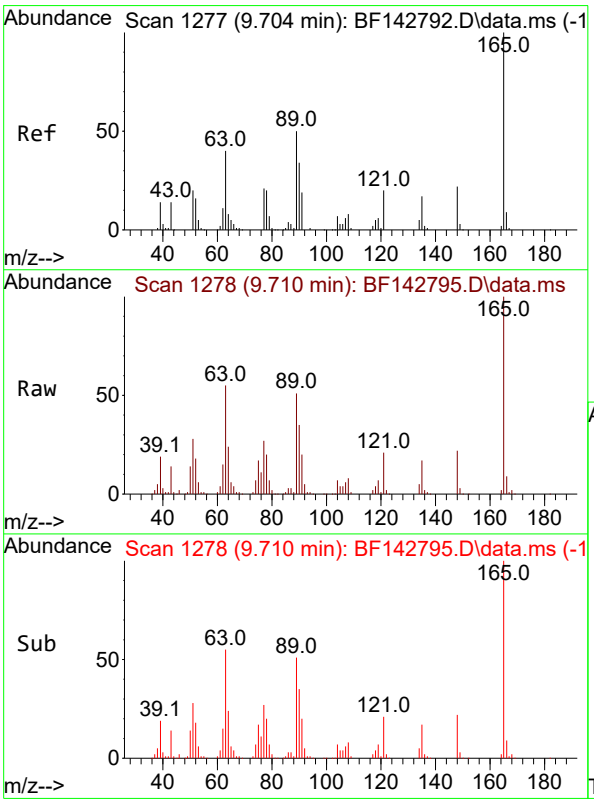
#50
Dimethylphthalate
Concen: 71.510 ng
RT: 9.651 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 665322

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	8.0	12.0

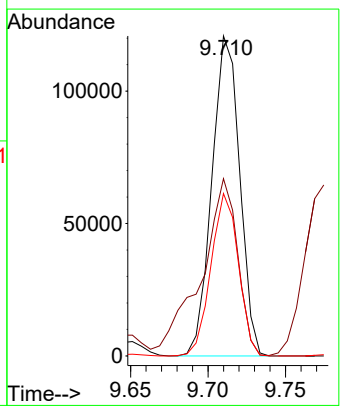


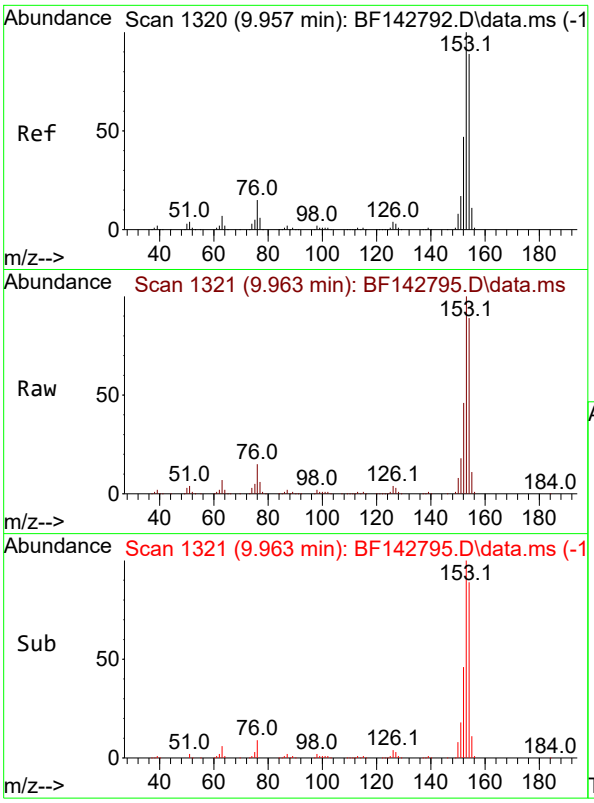


#51
2,6-Dinitrotoluene
Concen: 74.654 ng
RT: 9.710 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:165 Resp: 150567

Ion	Ratio	Lower	Upper
165	100		
63	55.4	44.2	66.4
89	50.8	39.8	59.8



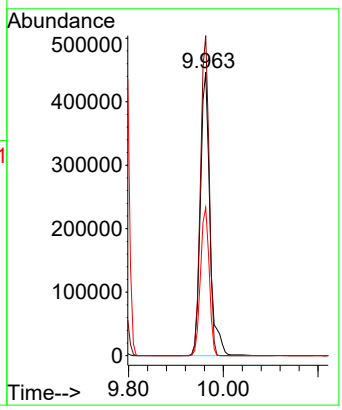


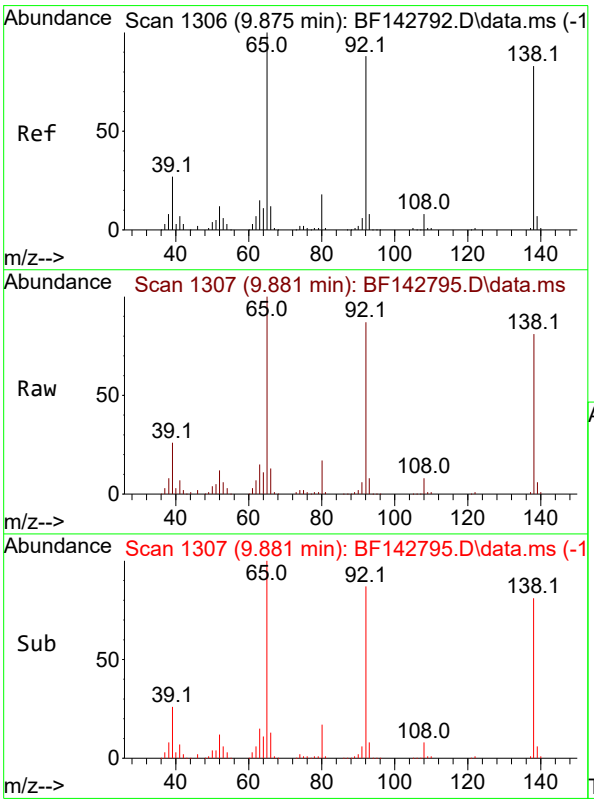
#52
Acenaphthene
Concen: 74.322 ng
RT: 9.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 621336

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.0	135.0
152	52.3	41.9	62.9

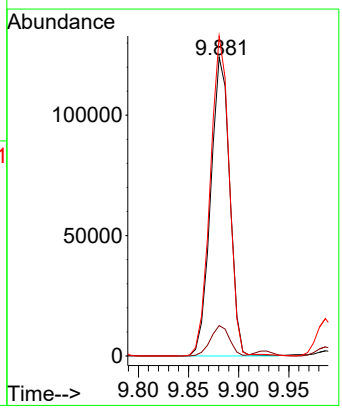


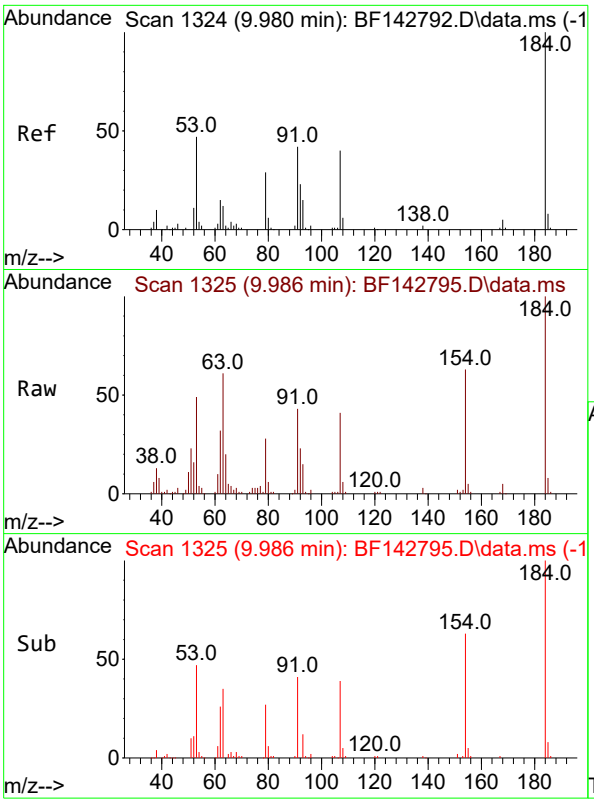


#53
3-Nitroaniline
Concen: 74.903 ng
RT: 9.881 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:138 Resp: 164090

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.1	12.1
92	107.1	85.1	127.7



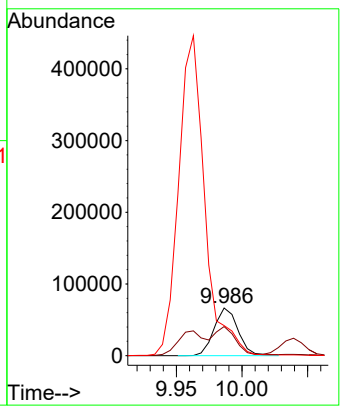


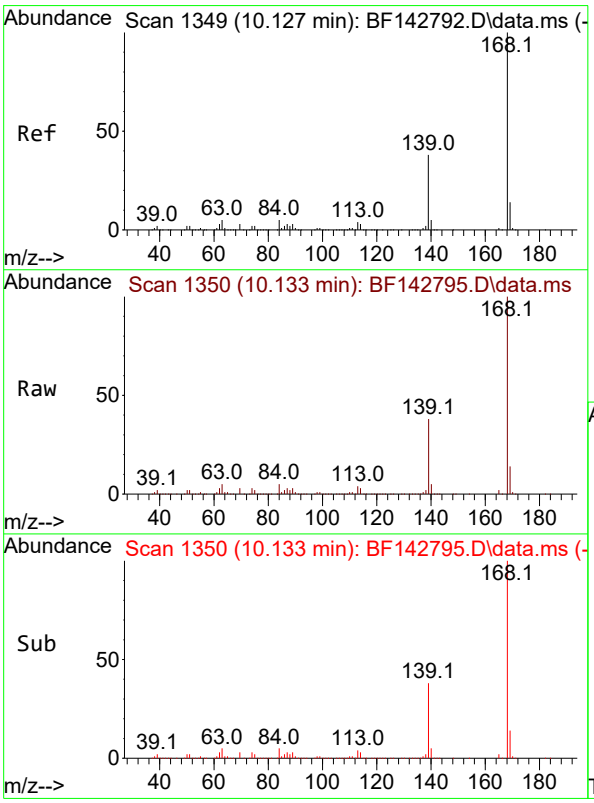
#54
2,4-Dinitrophenol
Concen: 78.050 ng
RT: 9.986 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 85185

Ion	Ratio	Lower	Upper
184	100		
63	61.0	50.6	75.8
154	63.1	51.8	77.8

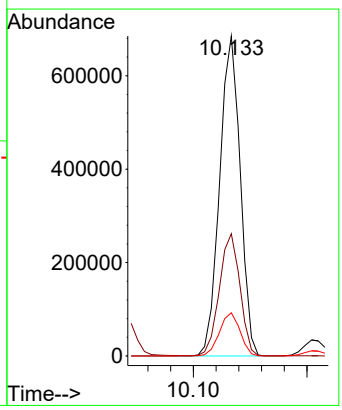


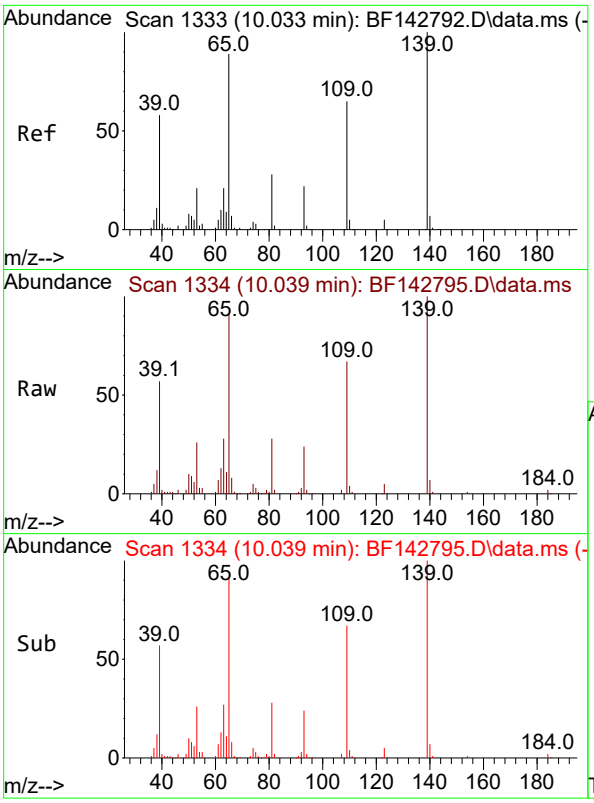


#55
Dibenzofuran
Concen: 72.277 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:168 Resp: 862110

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.2	45.4
169	13.5	10.8	16.2



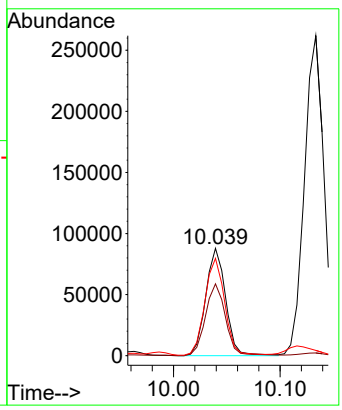


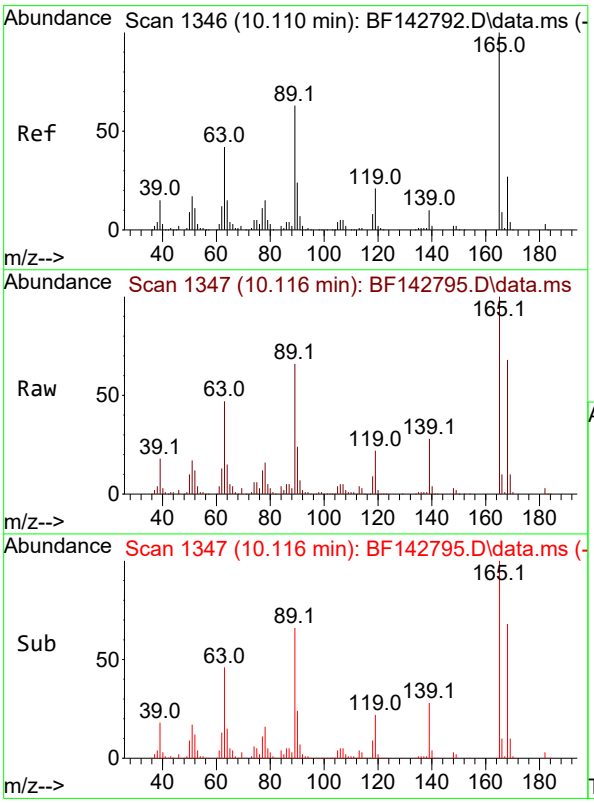
#56
4-Nitrophenol
Concen: 76.771 ng
RT: 10.039 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 114163

Ion	Ratio	Lower	Upper
139	100		
109	67.0	44.7	84.7
65	90.7	69.8	109.8

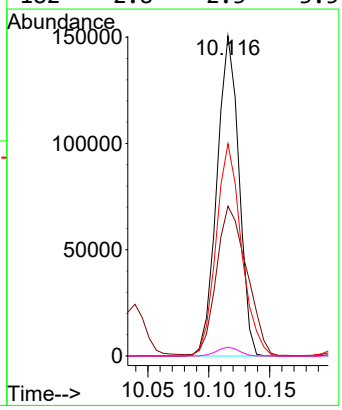


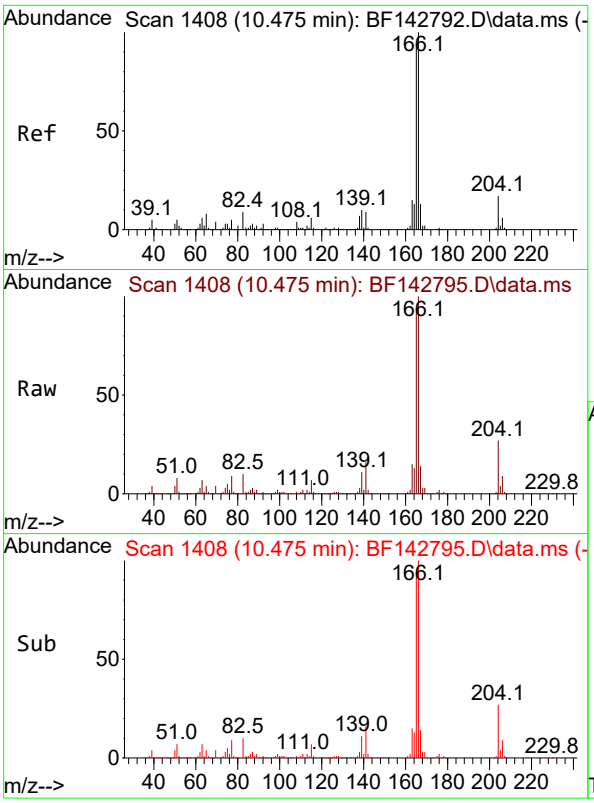


#57
2,4-Dinitrotoluene
Concen: 71.128 ng
RT: 10.116 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:165 Resp: 189684

Ion	Ratio	Lower	Upper
165	100		
63	46.8	33.9	50.9
89	66.3	50.6	75.8
182	2.8	2.3	3.5



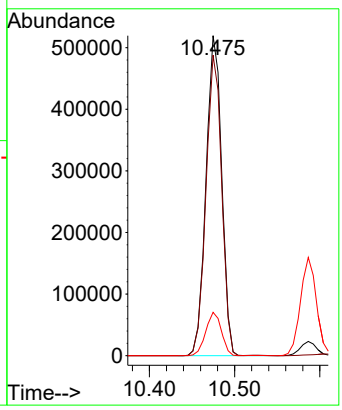


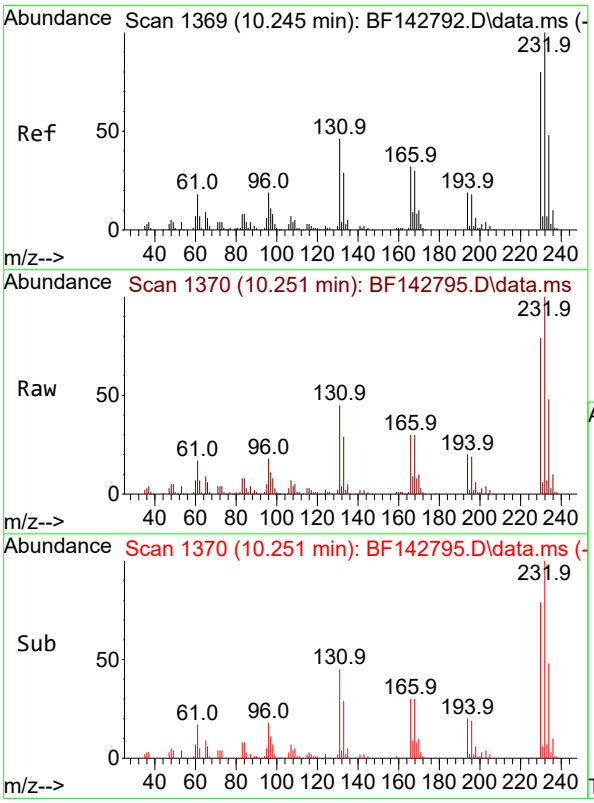
#58
Fluorene
Concen: 70.475 ng
RT: 10.475 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:166 Resp: 663463

Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.2	112.8
167	13.5	10.6	15.8

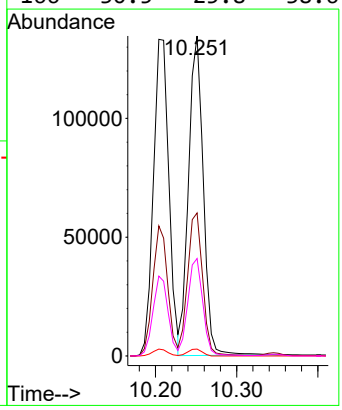


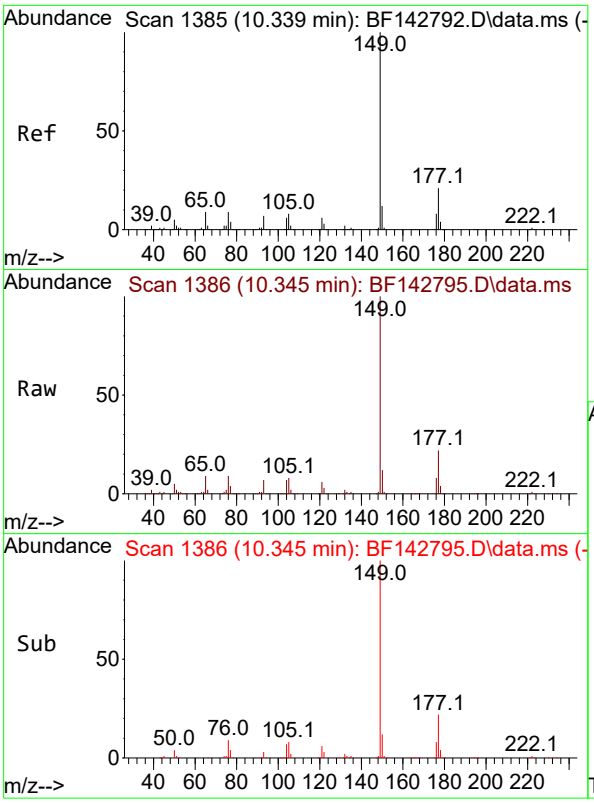


#59
2,3,4,6-Tetrachlorophenol
Concen: 71.850 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:232 Resp: 170453

Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.6	56.4
130	2.1	1.7	2.5
166	30.5	25.8	38.6



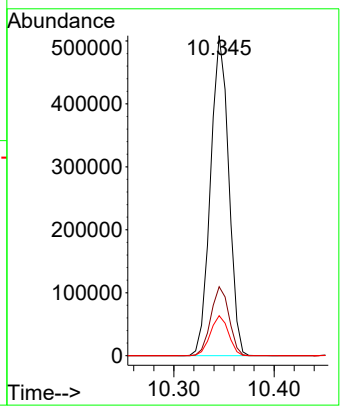


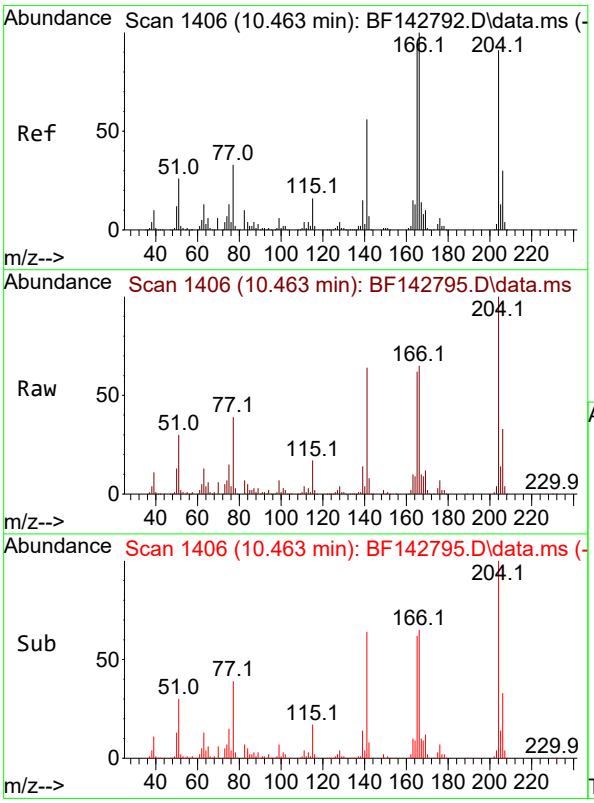
#60
Diethylphthalate
Concen: 69.265 ng
RT: 10.345 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 640148

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.5	9.8	14.6

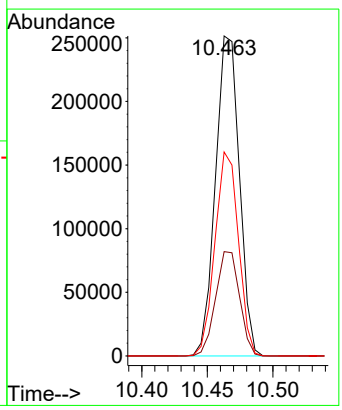


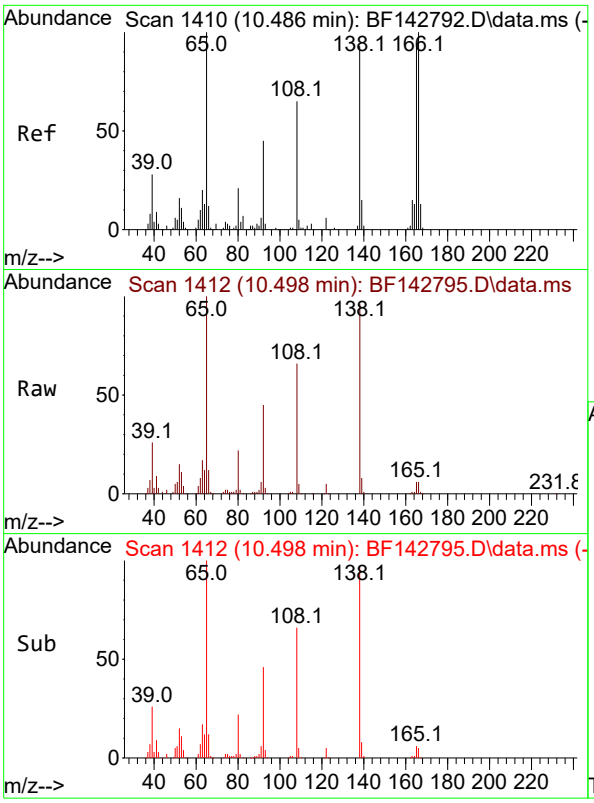


#61
4-Chlorophenyl-phenylether
Concen: 69.722 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:204 Resp: 318782

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	63.8	49.1	73.7



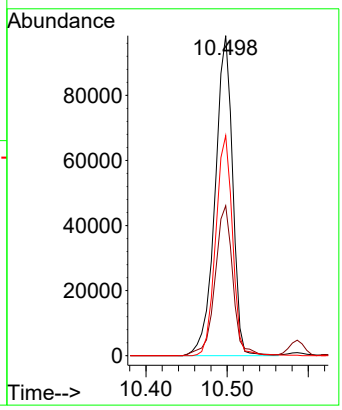


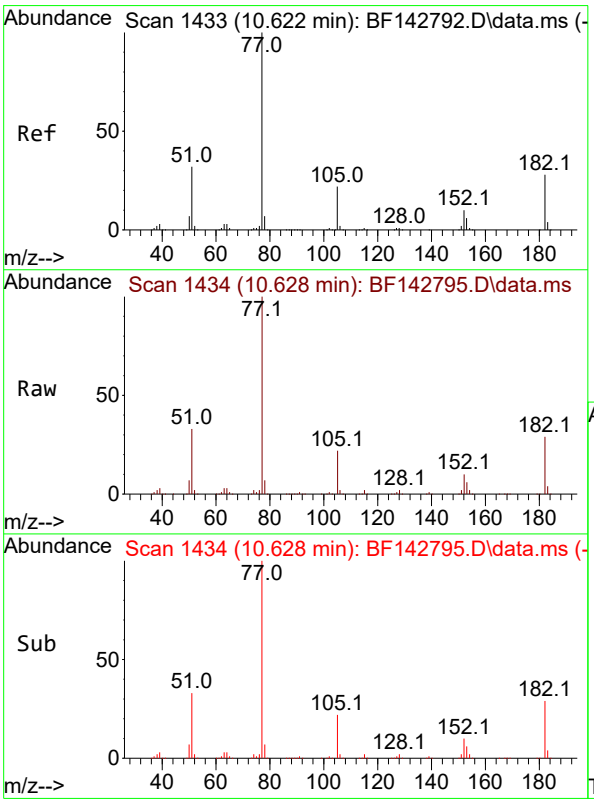
#62
4-Nitroaniline
Concen: 75.193 ng
RT: 10.498 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 147879

Ion	Ratio	Lower	Upper
138	100		
92	46.8	28.4	68.4
108	68.8	50.2	90.2

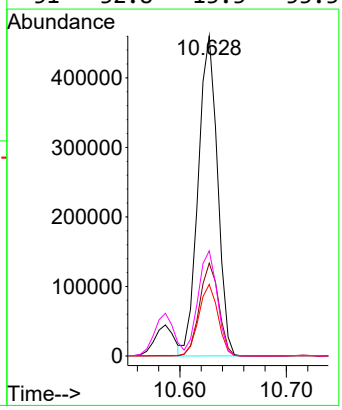


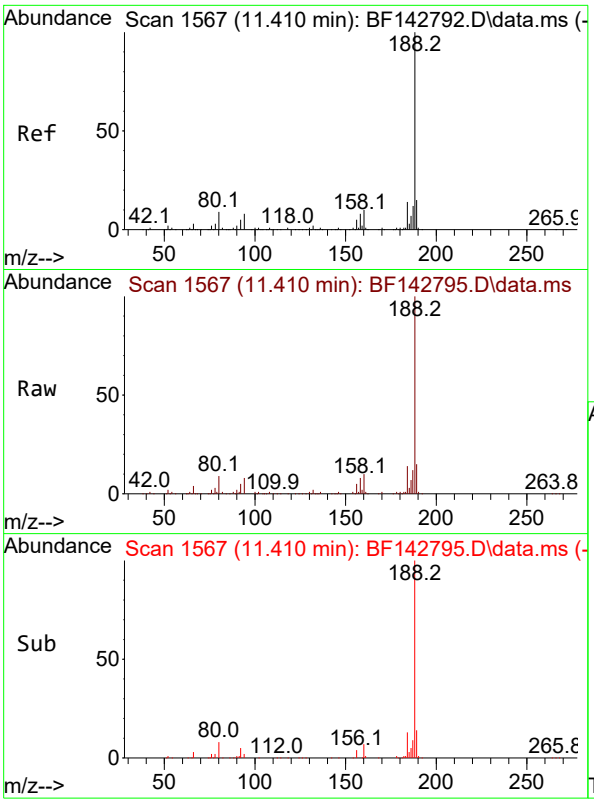


#63
Azobenzene
Concen: 71.659 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 77 Resp: 578765

Ion	Ratio	Lower	Upper
77	100		
182	29.0	7.7	47.7
105	22.4	1.9	41.9
51	32.8	13.3	53.3



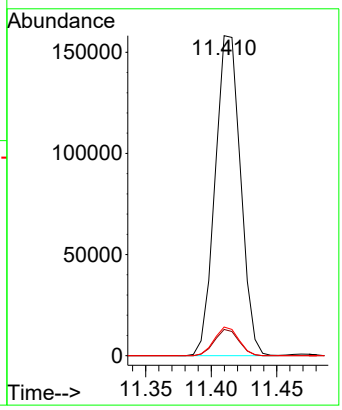


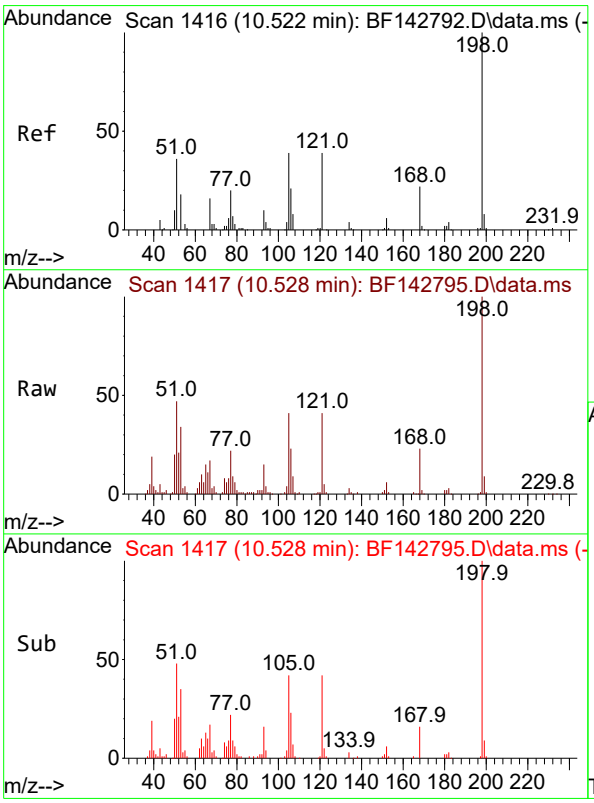
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:188 Resp: 213216

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.0	6.9	10.3

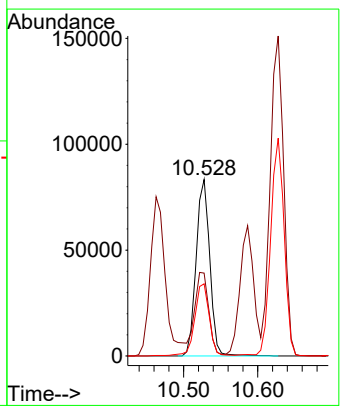


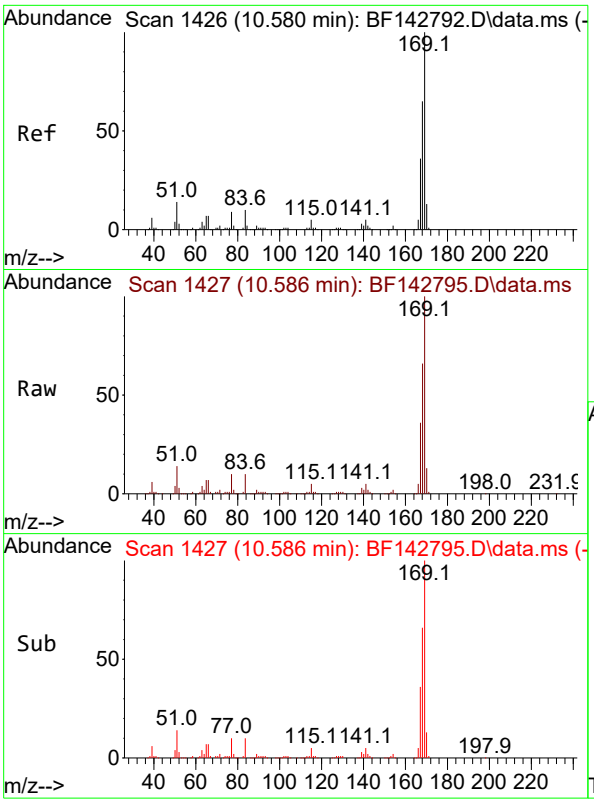


#65
4,6-Dinitro-2-methylphenol
Concen: 80.401 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:198 Resp: 106528

Ion	Ratio	Lower	Upper
198	100		
51	47.0	25.4	65.4
105	40.9	20.4	60.4



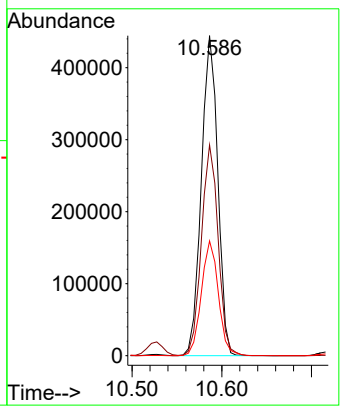


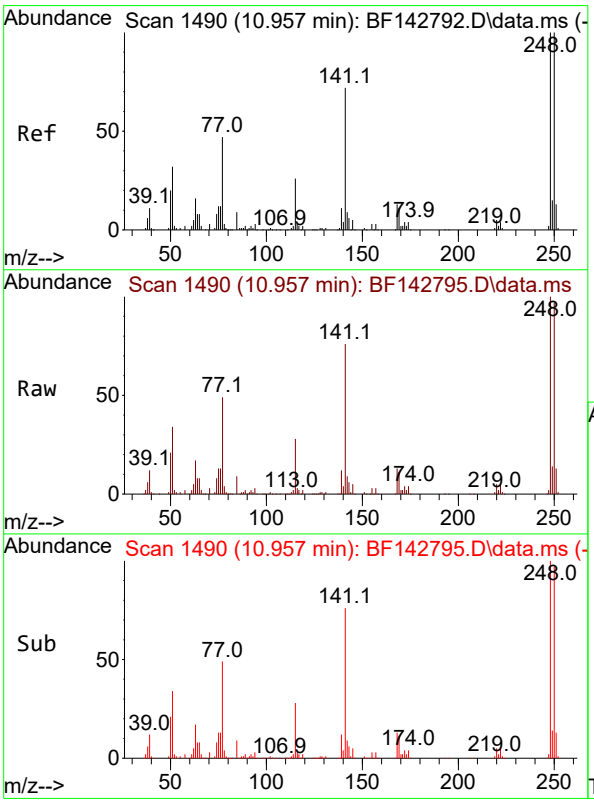
#66
n-Nitrosodiphenylamine
Concen: 77.075 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:169 Resp: 564677

Ion	Ratio	Lower	Upper
169	100		
168	65.9	51.9	77.9
167	35.9	28.5	42.7

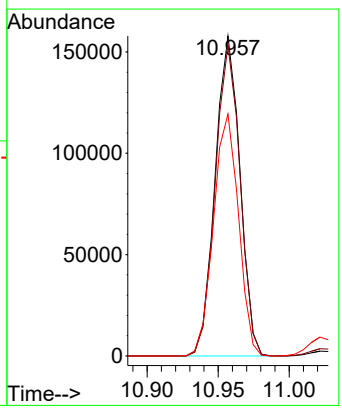


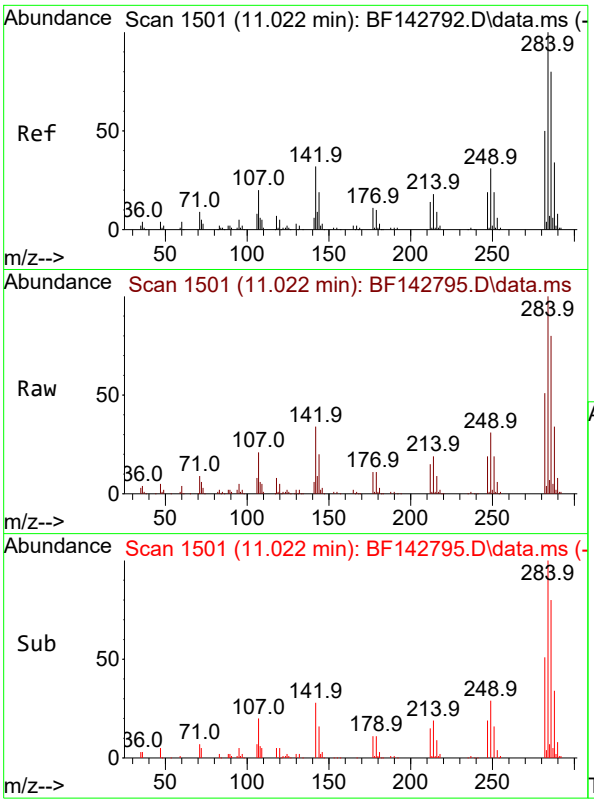


#67
4-Bromophenyl-phenylether
Concen: 76.768 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:248 Resp: 191698

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.8	119.8
141	75.6	57.8	86.6



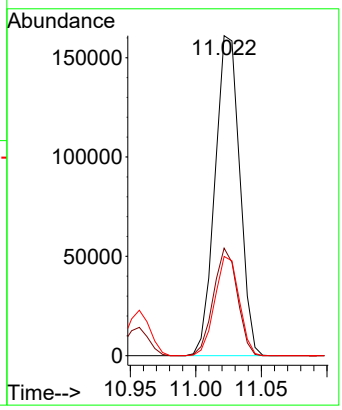


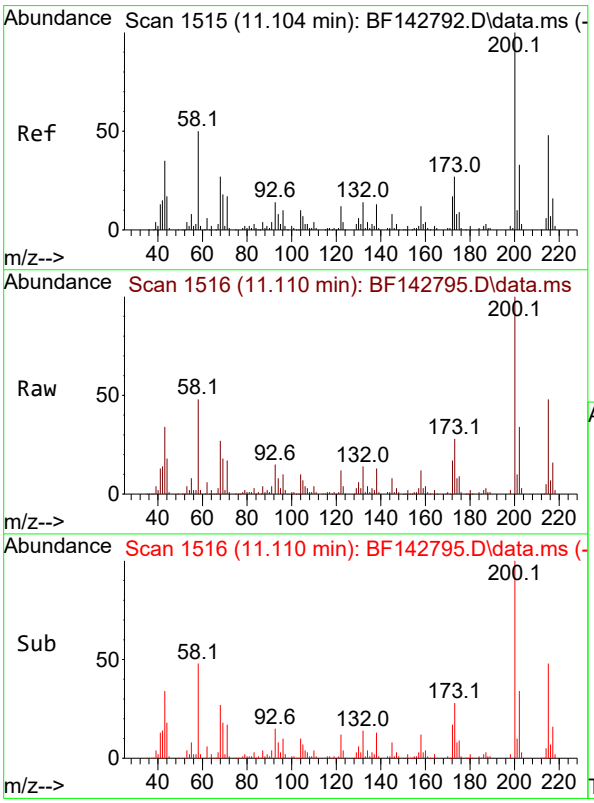
#68
Hexachlorobenzene
Concen: 76.086 ng
RT: 11.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 210925

Ion	Ratio	Lower	Upper
284	100		
142	33.6	25.5	38.3
249	31.0	24.9	37.3

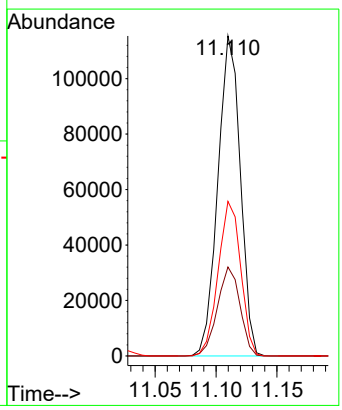


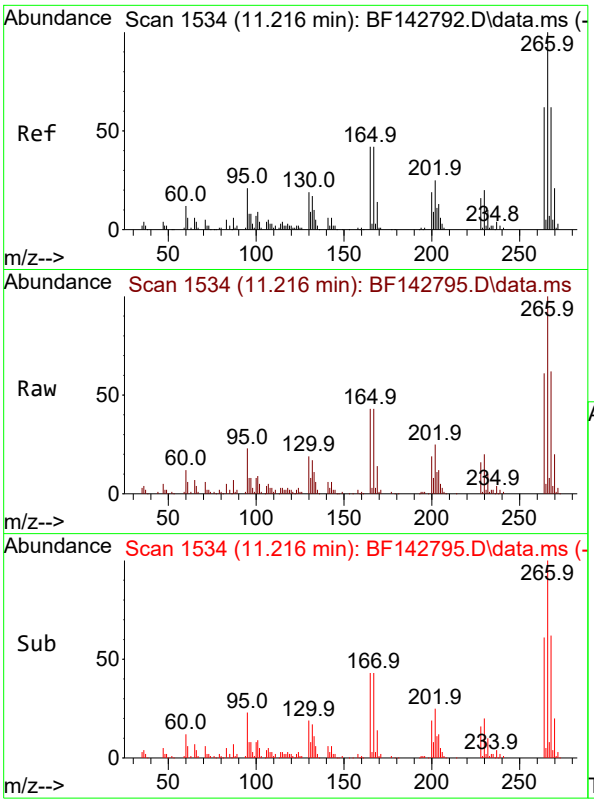


#69
Atrazine
Concen: 76.143 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:200 Resp: 148117

Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.4	47.4
215	48.3	28.4	68.4



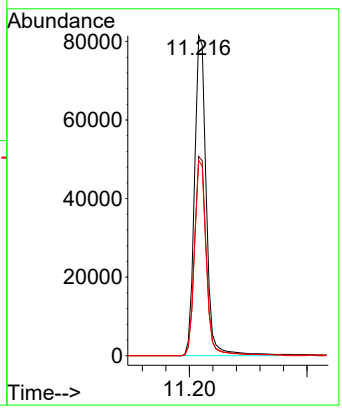


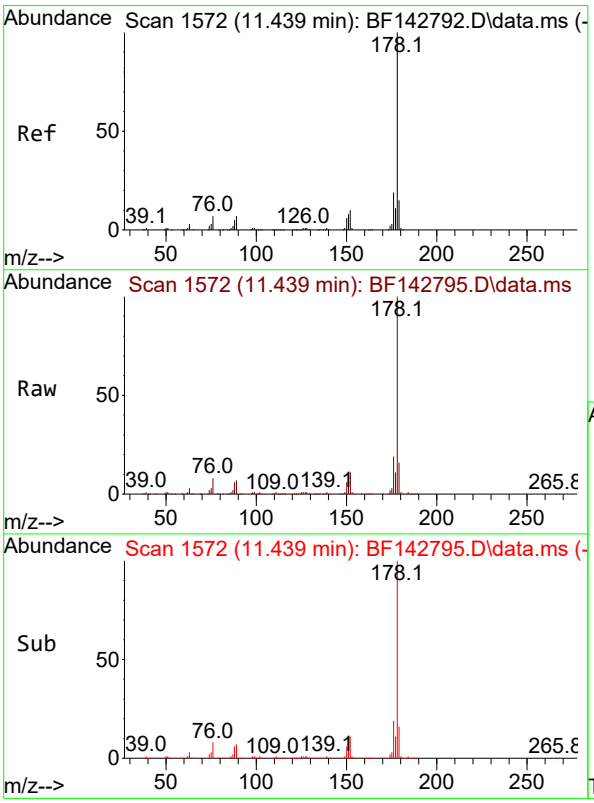
#70
Pentachlorophenol
Concen: 78.555 ng
RT: 11.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 113104

Ion	Ratio	Lower	Upper
266	100		
268	62.2	49.8	74.8
264	61.0	49.9	74.9

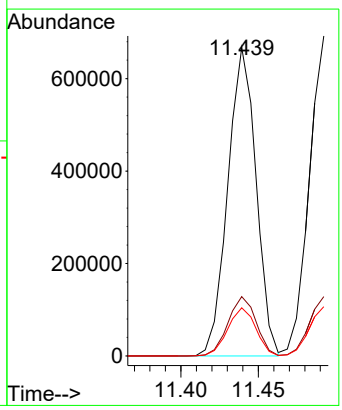


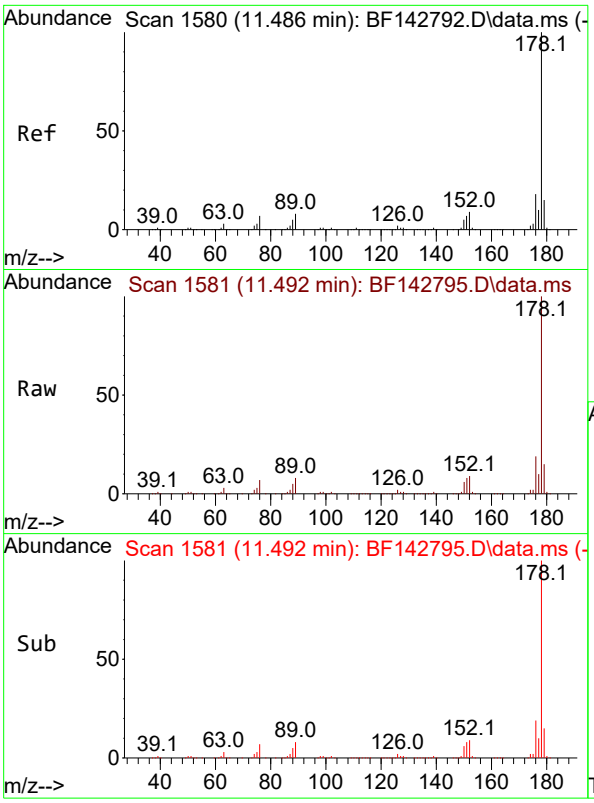


#71
Phenanthrene
Concen: 74.102 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:178 Resp: 845899

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.6	12.0	18.0



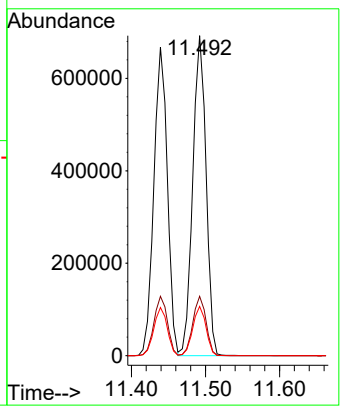


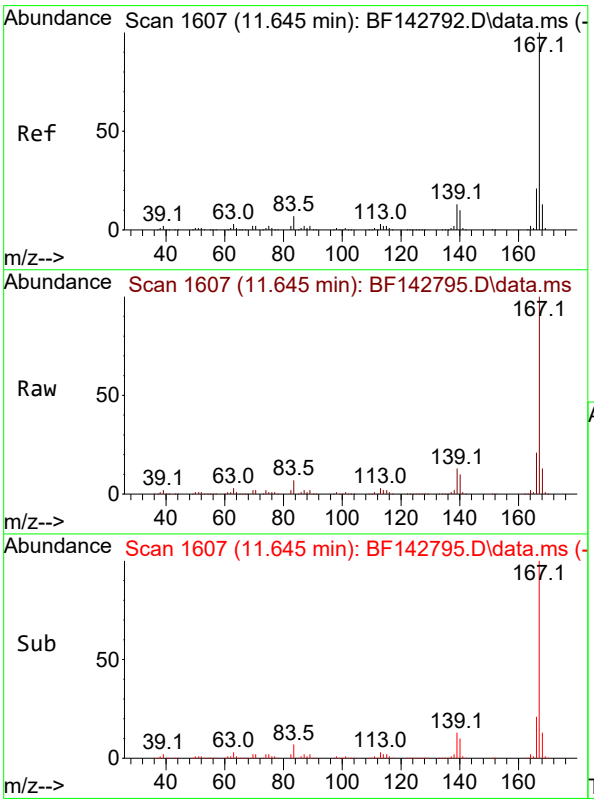
#72
Anthracene
Concen: 73.008 ng
RT: 11.492 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 862662

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.4	12.4	18.6

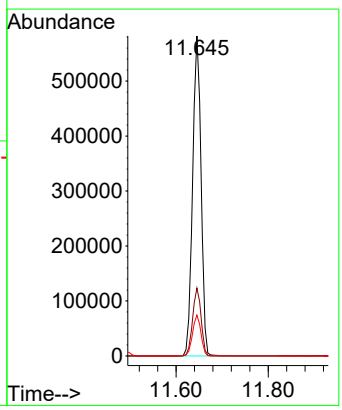


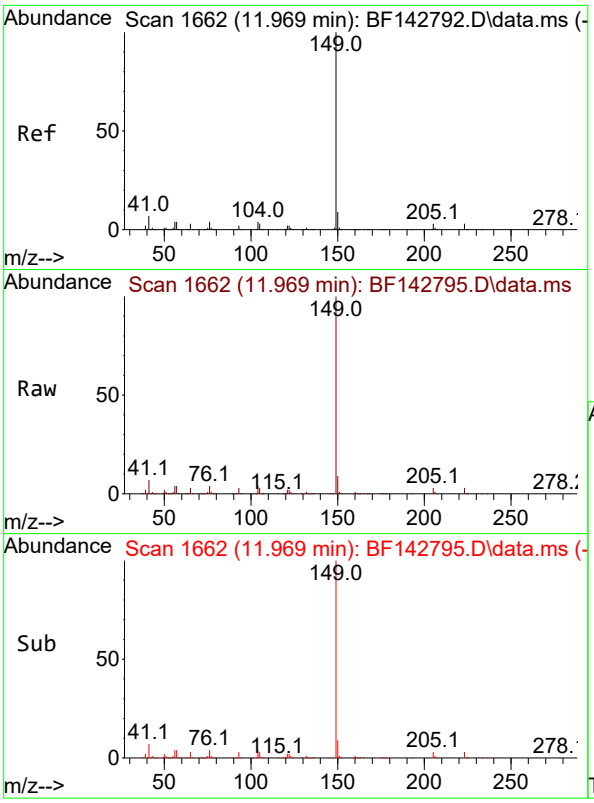


#73
Carbazole
Concen: 74.602 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:167 Resp: 738174

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	12.7	10.2	15.2



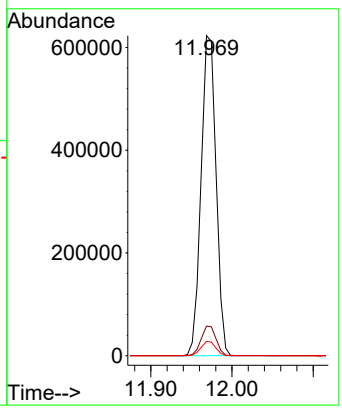


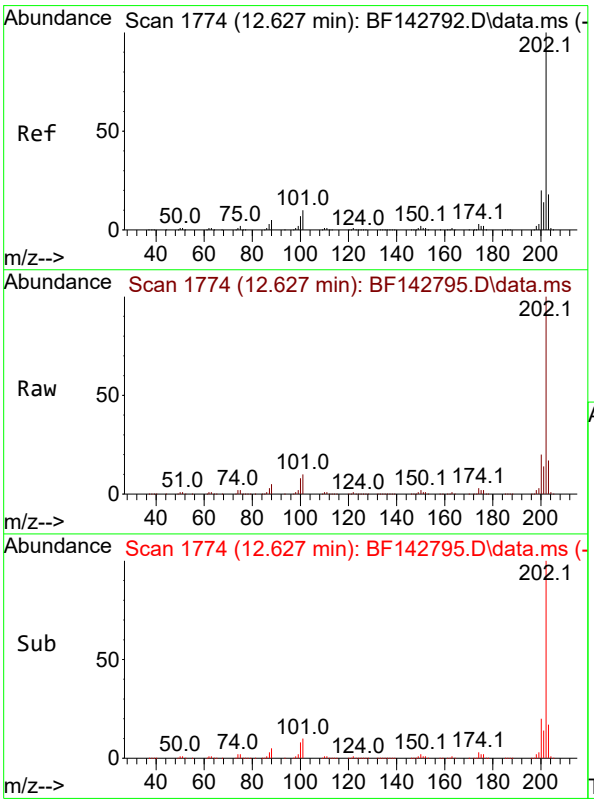
#74
Di-n-butylphthalate
Concen: 72.884 ng
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 798500

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.5	3.5	5.3

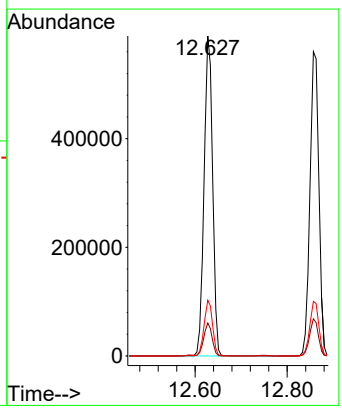


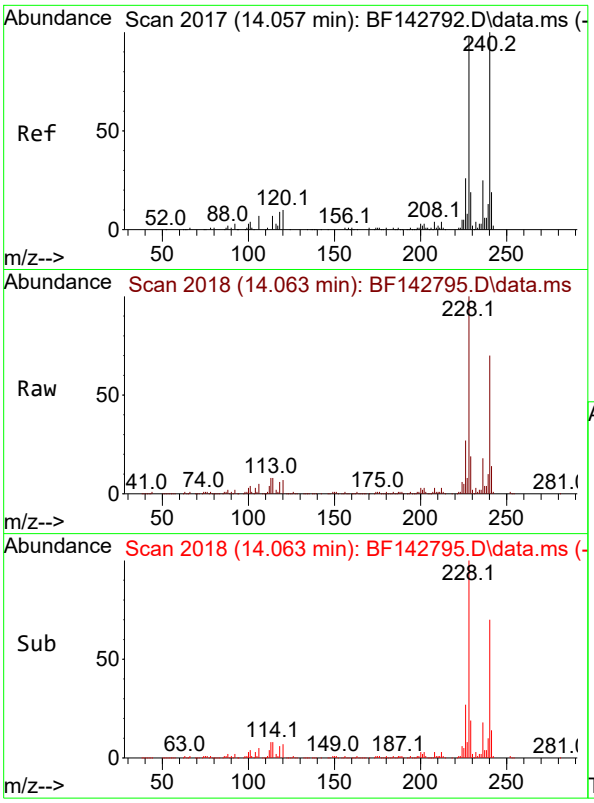


#75
Fluoranthene
Concen: 70.711 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:202 Resp: 766933

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.7
203	17.4	0.0	37.5



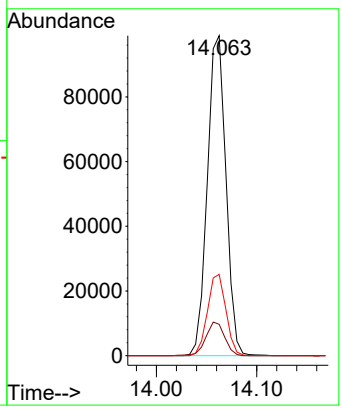


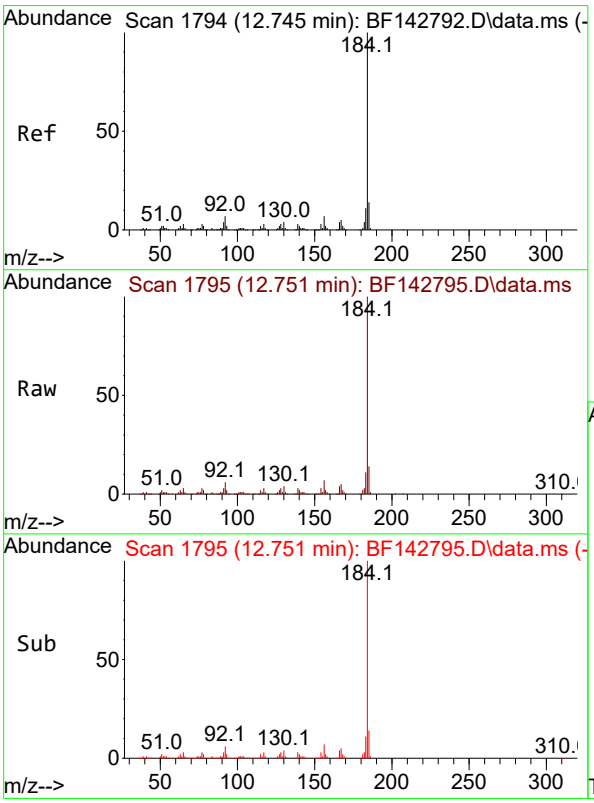
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 127713

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.2	12.2
236	25.4	19.8	29.8

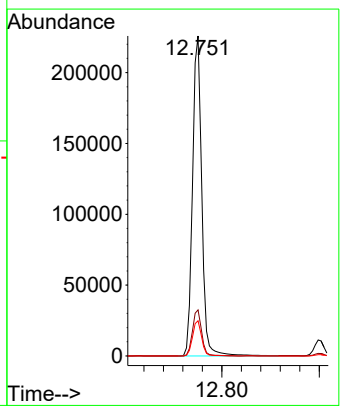


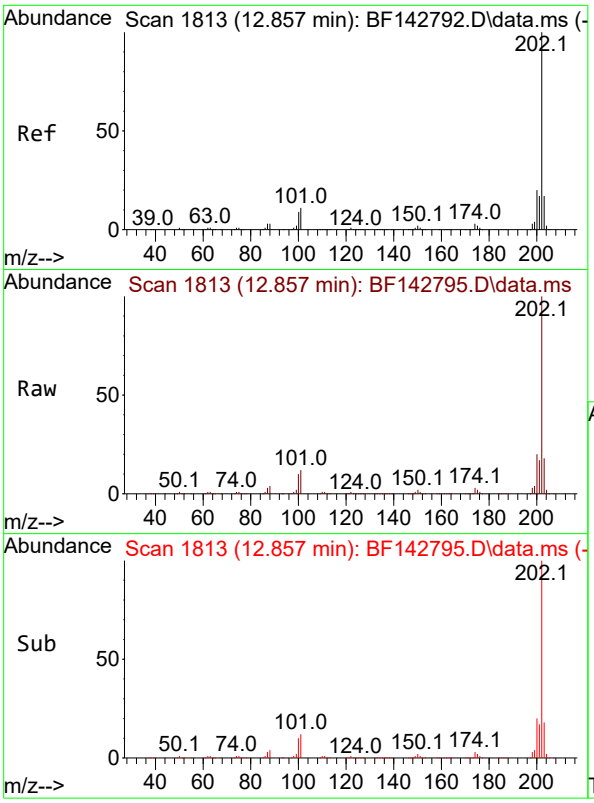


#77
Benzidine
Concen: 66.350 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:184 Resp: 299985

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.0	9.0	13.4



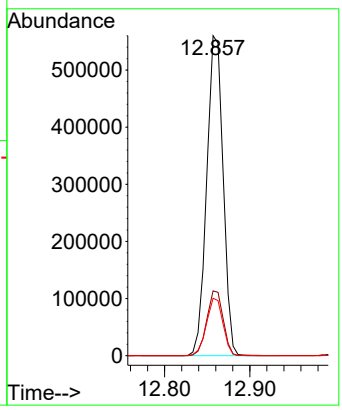


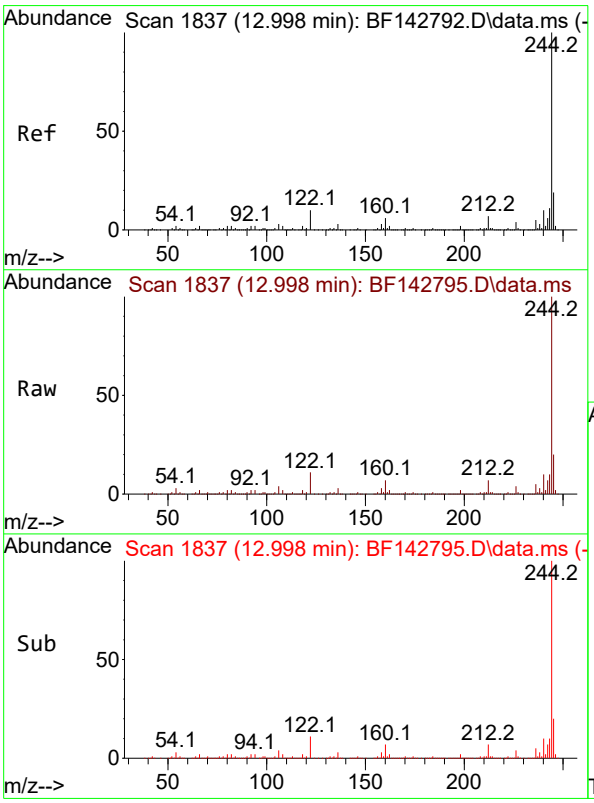
#78
Pyrene
Concen: 63.894 ng
RT: 12.857 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 750100

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.7	23.5
203	17.9	13.8	20.6

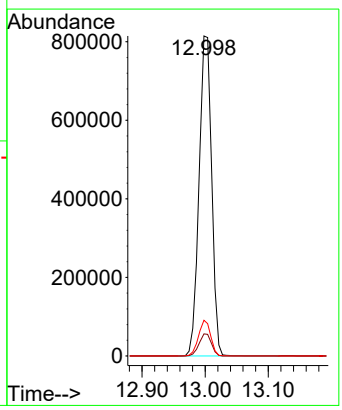


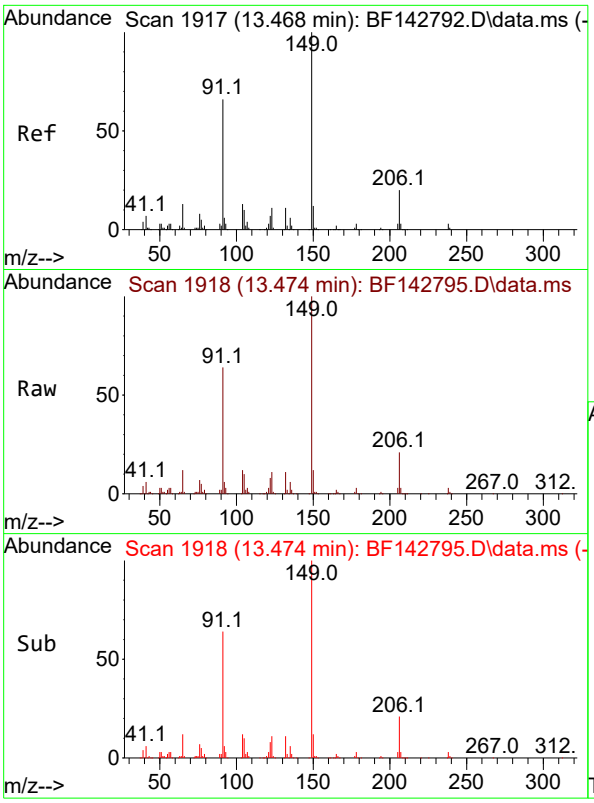


#79
Terphenyl-d14
Concen: 122.904 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:244 Resp: 1127781

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.1	8.2	12.2



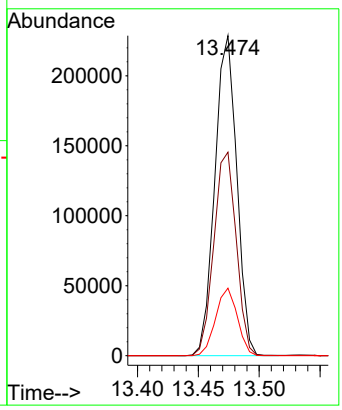


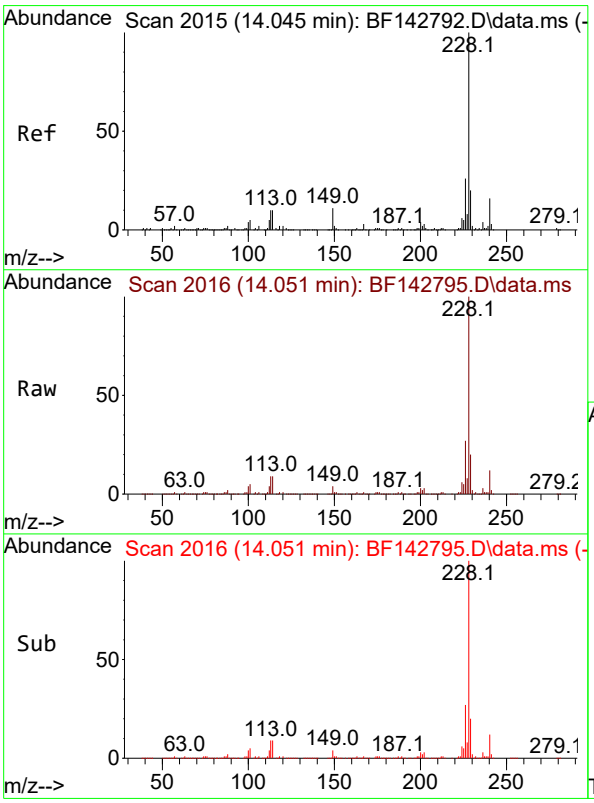
#80
Butylbenzylphthalate
Concen: 82.658 ng
RT: 13.474 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 287568

Ion	Ratio	Lower	Upper
149	100		
91	63.6	52.9	79.3
206	21.1	16.3	24.5

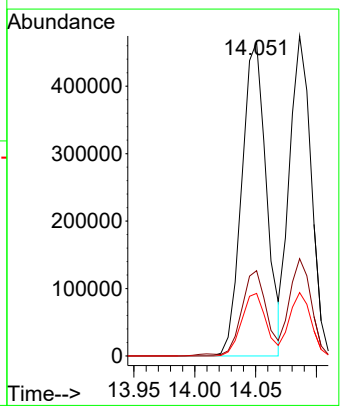


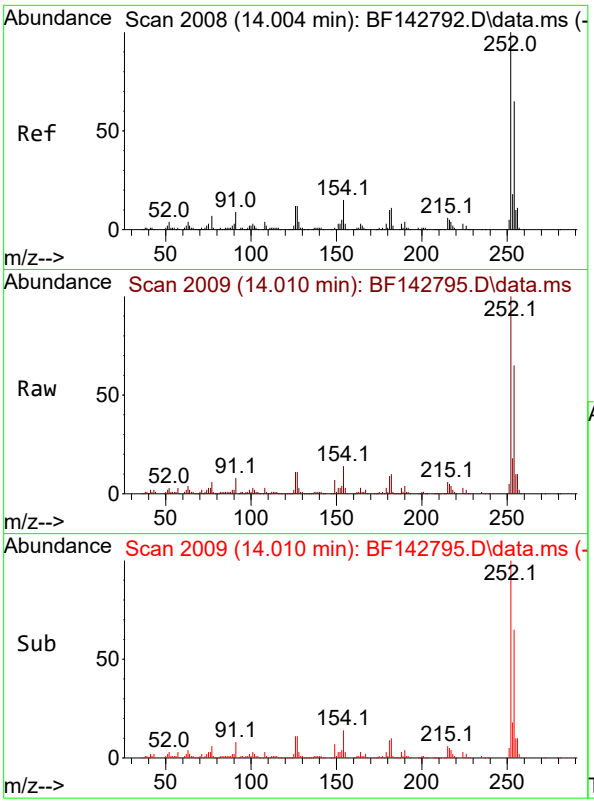


#81
Benzo(a)anthracene
Concen: 78.202 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:228 Resp: 655753

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.2	31.8
229	19.9	15.6	23.4



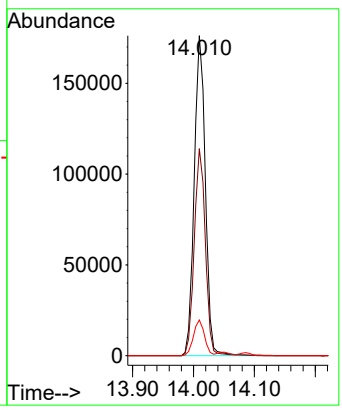


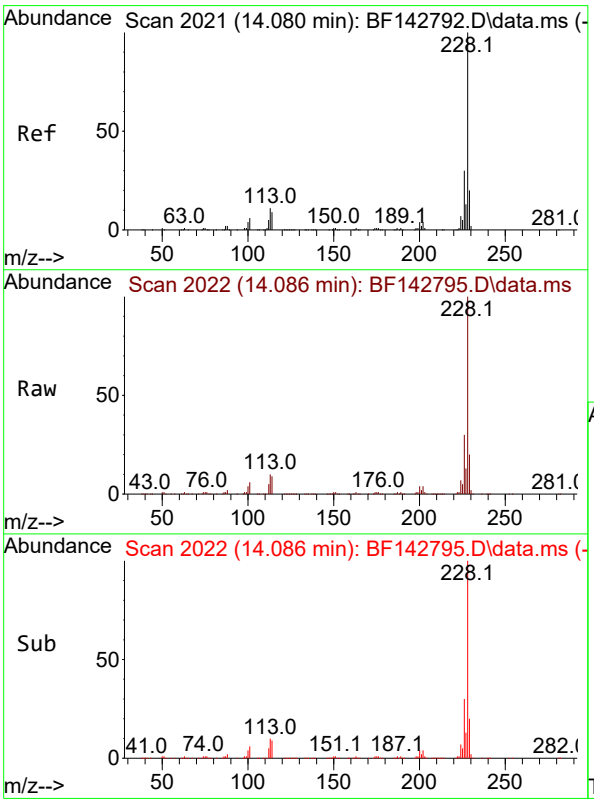
#82
3,3'-Dichlorobenzidine
Concen: 82.340 ng
RT: 14.010 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 223571

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.7	77.5
126	11.1	9.4	14.2

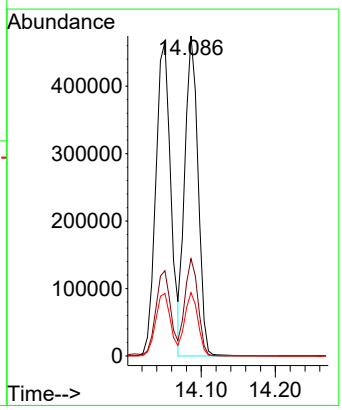


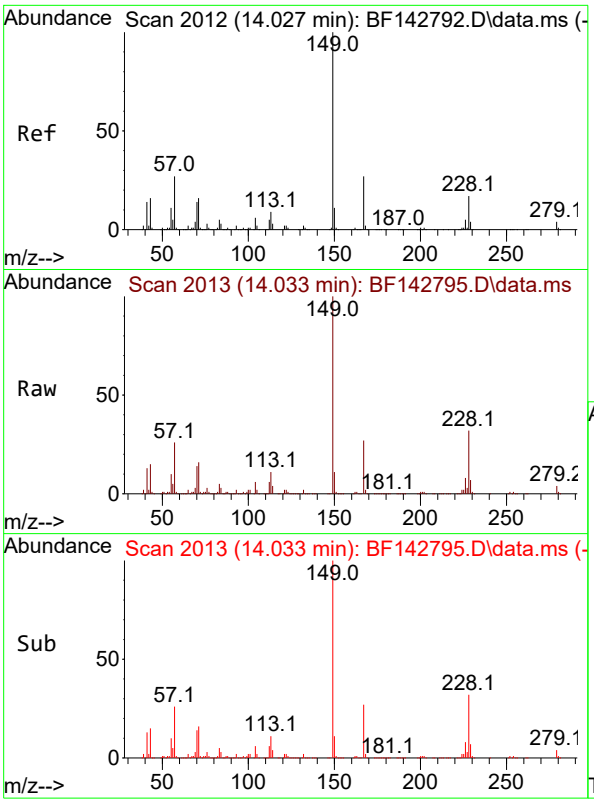


#83
Chrysene
Concen: 75.278 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:228 Resp: 587658

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.7	35.5
229	19.8	15.7	23.5



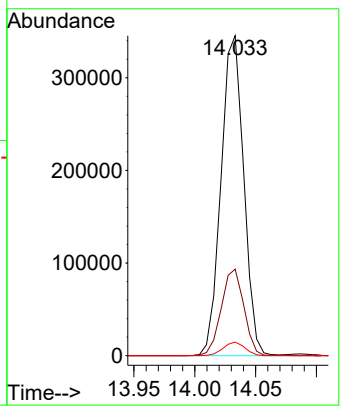


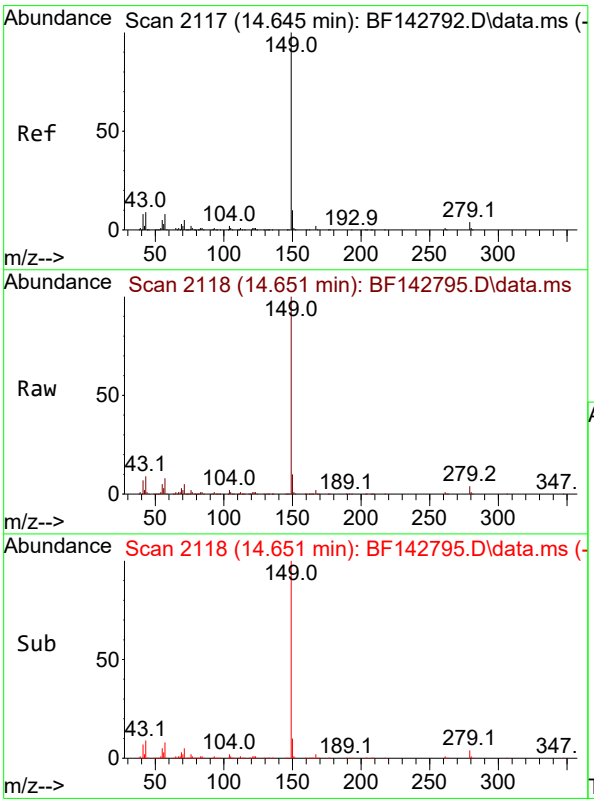
#84
Bis(2-ethylhexyl)phthalate
Concen: 86.499 ng
RT: 14.033 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 448387

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	4.3	3.0	4.6

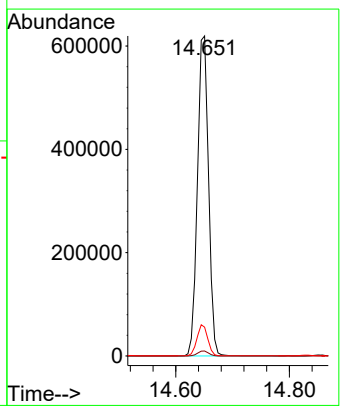


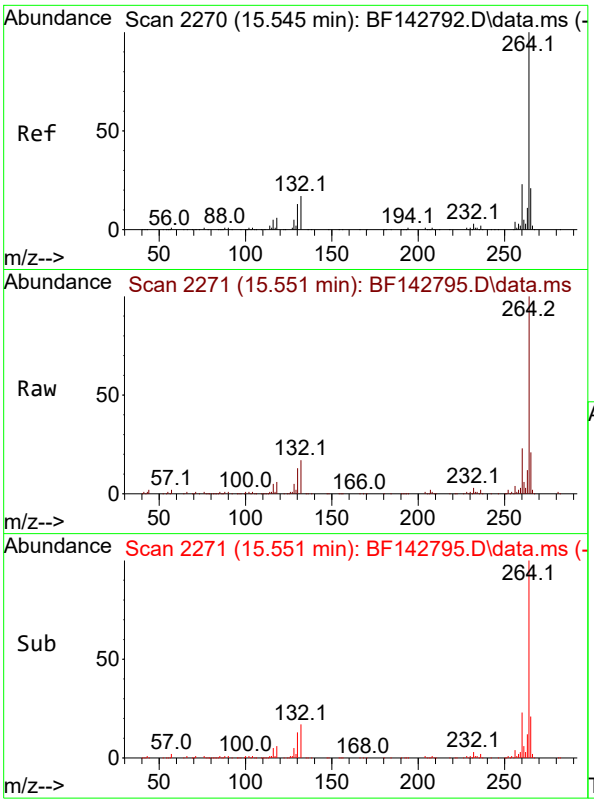


#85
Di-n-octyl phthalate
Concen: 85.366 ng
RT: 14.651 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:149 Resp: 843227

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.5	7.6	11.4



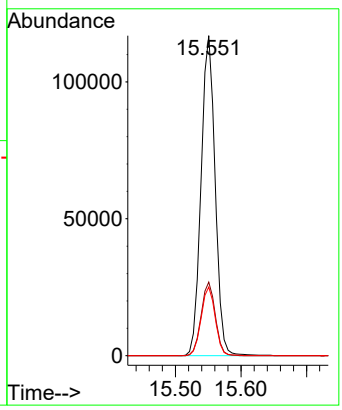


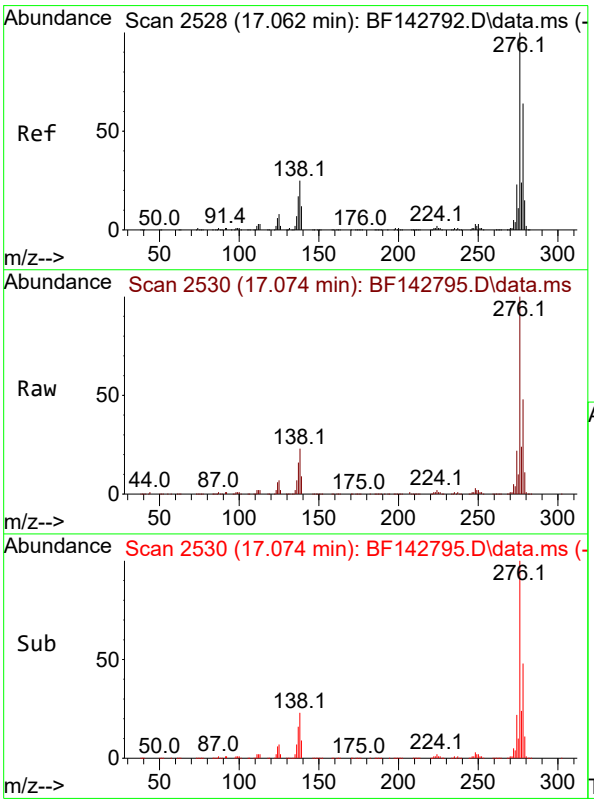
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 175125

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.1	27.1
265	21.5	16.6	25.0

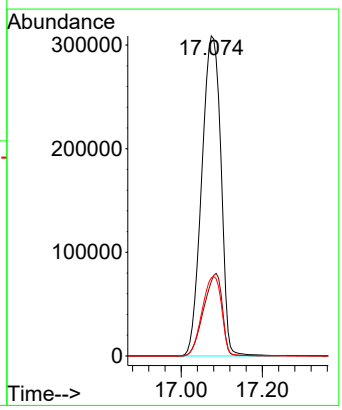


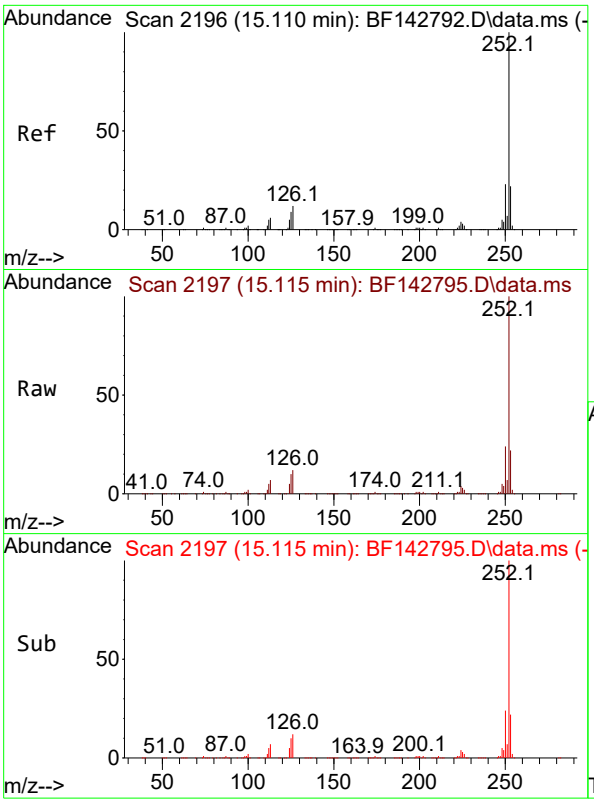


#87
Indeno(1,2,3-cd)pyrene
Concen: 78.036 ng
RT: 17.074 min Scan# 2530
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:276 Resp: 1010374

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.2	30.4
277	25.2	19.8	29.6



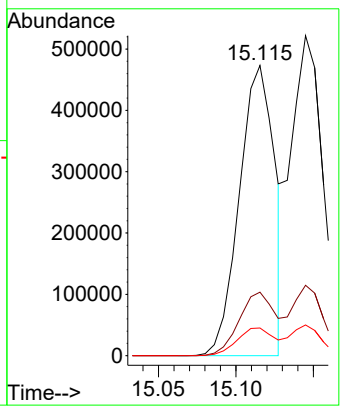


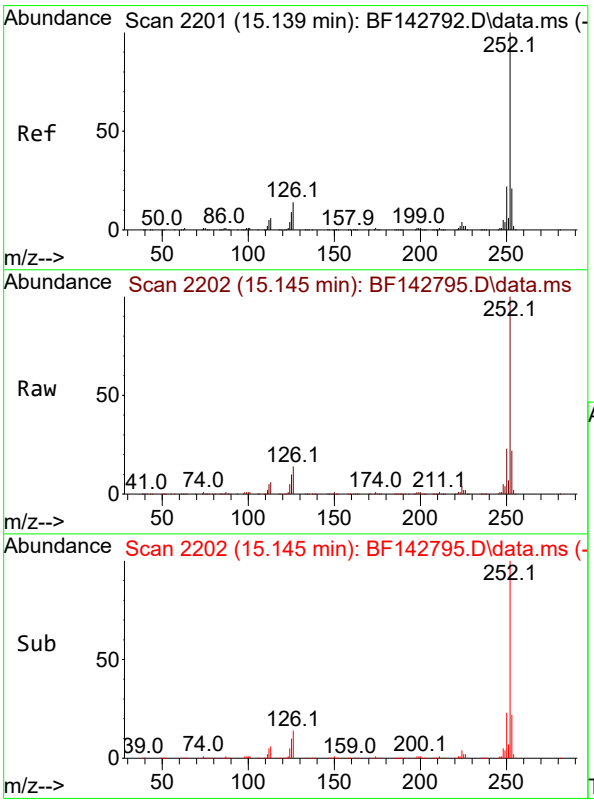
#88
Benzo(b)fluoranthene
Concen: 73.471 ng
RT: 15.115 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 749341

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.5	7.4	11.0

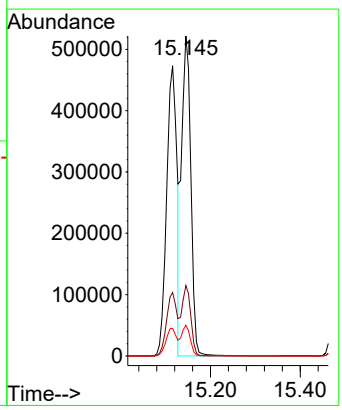


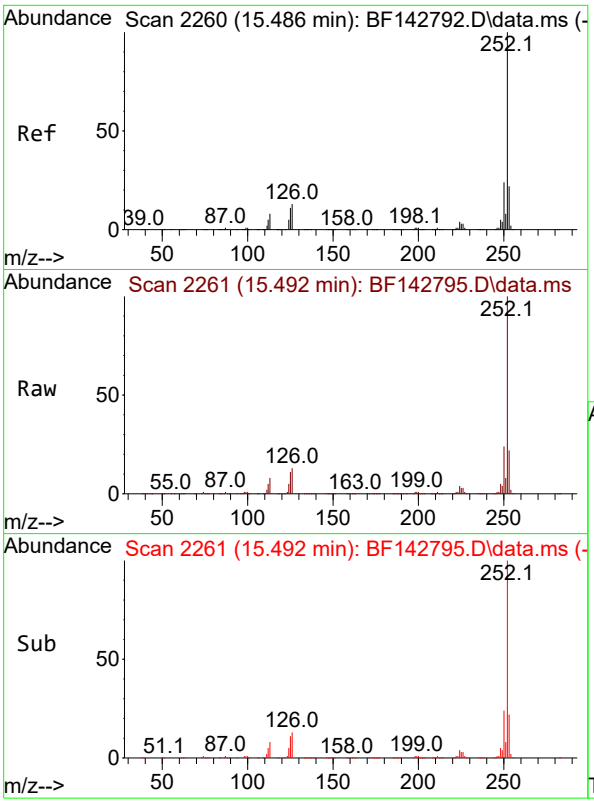


#89
Benzo(k)fluoranthene
Concen: 75.108 ng
RT: 15.145 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:252 Resp: 747789

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.6	7.4	11.2



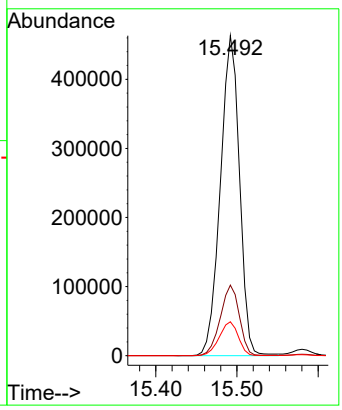


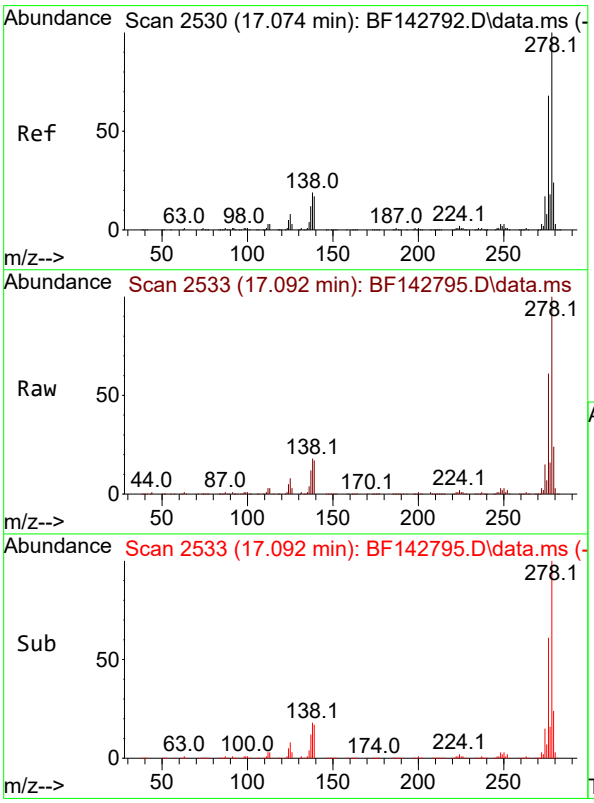
#90
Benzo(a)pyrene
Concen: 77.813 ng
RT: 15.492 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 759483

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.6	8.6	12.8

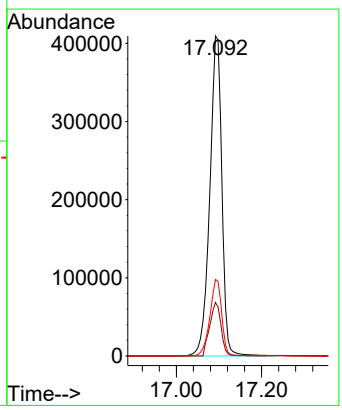


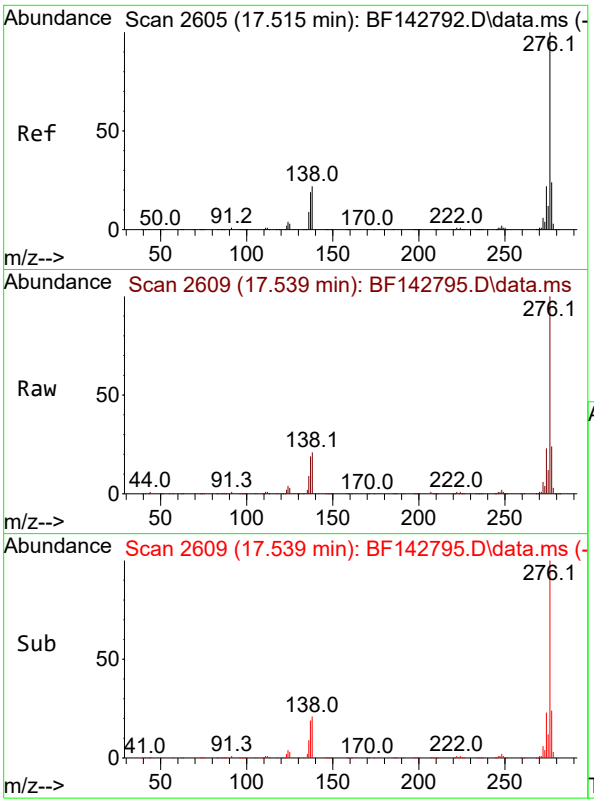


#91
Dibenzo(a,h)anthracene
Concen: 76.662 ng
RT: 17.092 min Scan# 2533
Delta R.T. 0.018 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:278 Resp: 806991

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.5	20.3
279	23.9	18.8	28.2



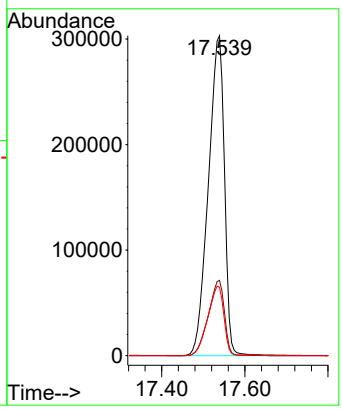


#92
Benzo(g,h,i)perylene
Concen: 77.429 ng
RT: 17.539 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 813177

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	21.4	17.6	26.4



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142796.D
Acq On : 19 Jun 2025 21:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Quant Time: Jun 24 15:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	74183	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	279139	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	142968	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	228099	20.000	ng	0.00
76) Chrysene-d12	14.057	240	122573	20.000	ng	0.00
86) Perylene-d12	15.545	264	153363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	361762	81.192	ng	0.00
7) Phenol-d6	6.510	99	421918	80.262	ng	0.00
23) Nitrobenzene-d5	7.445	82	373199	73.334	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	117795	80.065	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	785440	72.171	ng	0.00
79) Terphenyl-d14	12.998	244	628420	70.839	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	70139	39.357	ng	100
3) Pyridine	3.404	79	185173	41.446	ng	99
4) n-Nitrosodimethylamine	3.357	42	96831	41.912	ng	99
6) Aniline	6.545	93	296519	42.392	ng	99
8) 2-Chlorophenol	6.663	128	202041	42.036	ng	100
9) Benzaldehyde	6.434	77	148174	47.511	ng	99
10) Phenol	6.522	94	244839	41.901	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	176058	42.157	ng	99
12) 1,3-Dichlorobenzene	6.822	146	228820	42.568	ng	99
13) 1,4-Dichlorobenzene	6.898	146	229234	42.268	ng	99
14) 1,2-Dichlorobenzene	7.051	146	218720	42.520	ng	99
15) Benzyl Alcohol	7.022	79	160044	42.114	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	284352	42.379	ng	100
17) 2-Methylphenol	7.134	107	154746	42.485	ng	98
18) Hexachloroethane	7.392	117	80788	42.589	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	127308	41.640	ng	99
20) 3+4-Methylphenols	7.287	107	194841	42.904	ng	98
22) Acetophenone	7.292	105	261474	42.478	ng	99
24) Nitrobenzene	7.463	77	193310	41.968	ng	99
25) Isophorone	7.704	82	338001	41.403	ng	99
26) 2-Nitrophenol	7.781	139	108455	43.224	ng	100
27) 2,4-Dimethylphenol	7.816	122	183273	42.168	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	217774	41.960	ng	99
29) 2,4-Dichlorophenol	8.022	162	166286	42.196	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	182768	42.177	ng	100
31) Naphthalene	8.187	128	576847	42.218	ng	100
32) Benzoic acid	7.922	122	101203	45.685	ng	95
33) 4-Chloroaniline	8.234	127	232045	41.766	ng	98
34) Hexachlorobutadiene	8.304	225	113068	42.657	ng	99
35) Caprolactam	8.604	113	42561	40.928	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	164064	41.890	ng	99
37) 2-Methylnaphthalene	8.881	142	353484	41.730	ng	100
38) 1-Methylnaphthalene	8.981	142	364378	41.554	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	182379	43.233	ng	99
41) Hexachlorocyclopentadiene	9.034	237	108592	45.361	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	116946	42.543	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142796.D
Acq On : 19 Jun 2025 21:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Quant Time: Jun 24 15:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

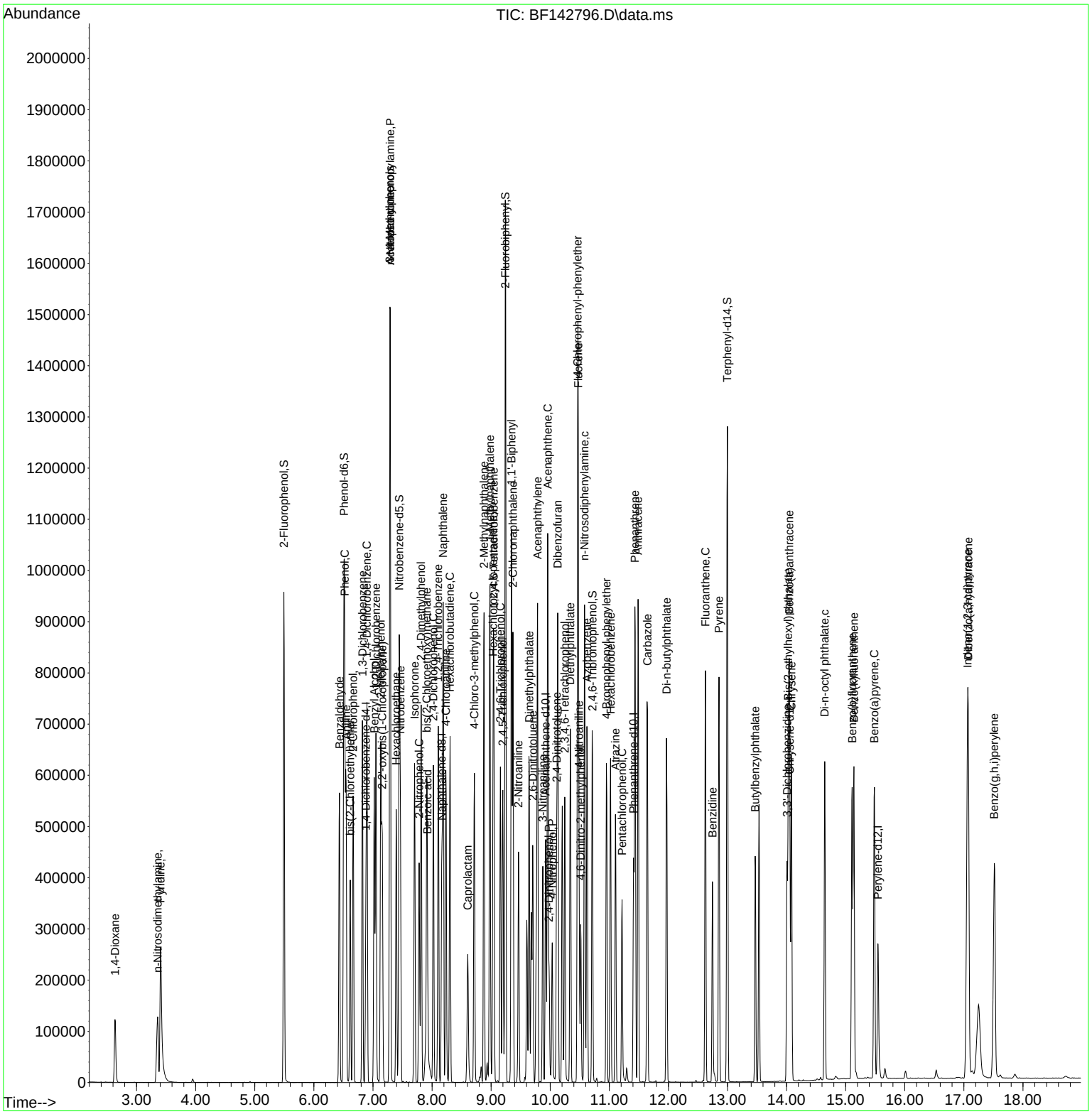
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	124558	43.045	ng	99
46) 1,1'-Biphenyl	9.345	154	476133	42.159	ng	100
47) 2-Chloronaphthalene	9.369	162	354405	41.817	ng	100
48) 2-Nitroaniline	9.463	65	99137	41.724	ng	97
49) Acenaphthylene	9.786	152	580204	41.586	ng	100
50) Dimethylphthalate	9.645	163	381573	41.232	ng	100
51) 2,6-Dinitrotoluene	9.704	165	84111	41.386	ng	99
52) Acenaphthene	9.957	154	356031	41.825	ng	100
53) 3-Nitroaniline	9.875	138	92889	41.512	ng	99
54) 2,4-Dinitrophenol	9.981	184	44513	43.742	ng	99
55) Dibenzofuran	10.128	168	502290	41.150	ng	100
56) 4-Nitrophenol	10.033	139	62127	40.556	ng	97
57) 2,4-Dinitrotoluene	10.110	165	111649	41.358	ng	100
58) Fluorene	10.475	166	391356	41.052	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	97630	41.857	ng	97
60) Diethylphthalate	10.339	149	371453	40.937	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	185884	40.862	ng	99
62) 4-Nitroaniline	10.486	138	83143	40.628	ng	99
63) Azobenzene	10.622	77	332701	41.025	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	59797	43.341	ng	94
66) n-Nitrosodiphenylamine	10.580	169	331671	41.955	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	112604	43.376	ng	96
68) Hexachlorobenzene	11.022	284	122976	42.632	ng	98
69) Atrazine	11.104	200	87455	42.840	ng	99
70) Pentachlorophenol	11.216	266	62292	43.337	ng	99
71) Phenanthrene	11.433	178	514049	41.603	ng	99
72) Anthracene	11.486	178	532397	42.013	ng	99
73) Carbazole	11.645	167	446814	40.858	ng	100
74) Di-n-butylphthalate	11.969	149	481078	42.228	ng	100
75) Fluoranthene	12.627	202	473431	40.372	ng	100
77) Benzidine	12.745	184	218884	47.530	ng	99
78) Pyrene	12.857	202	468692	40.794	ng	100
80) Butylbenzylphthalate	13.469	149	154743	46.431	ng	99
81) Benzo(a)anthracene	14.045	228	346202	41.868	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	124771	46.521	ng	99
83) Chrysene	14.080	228	321976	43.637	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	230046	47.976	ng	99
85) Di-n-octyl phthalate	14.645	149	425193	47.026	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	491326	42.060	ng	100
88) Benzo(b)fluoranthene	15.110	252	362077	40.801	ng	100
89) Benzo(k)fluoranthene	15.139	252	347044	41.800	ng	100
90) Benzo(a)pyrene	15.486	252	361077	42.117	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	399293	42.069	ng	99
92) Benzo(g,h,i)perylene	17.515	276	397566	42.006	ng	100

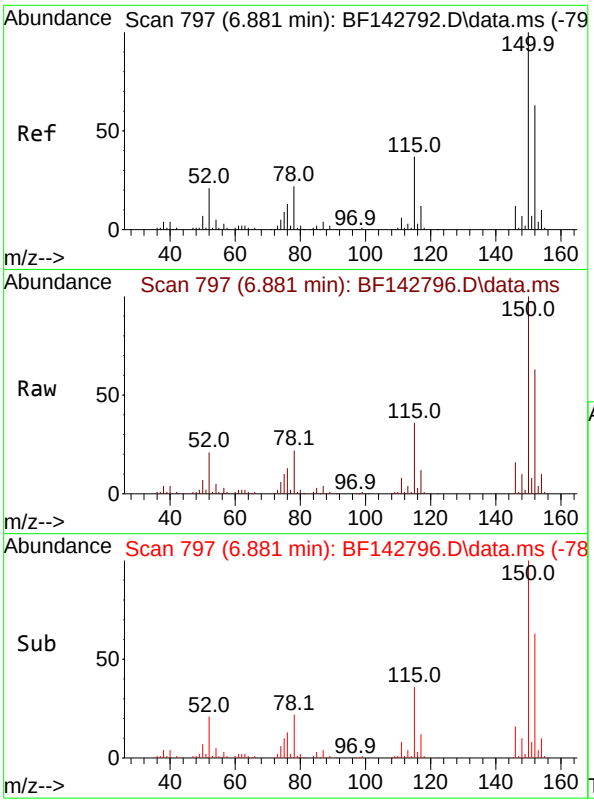
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142796.D
Acq On : 19 Jun 2025 21:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Quant Time: Jun 24 15:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



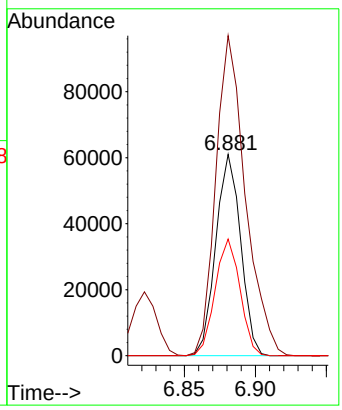


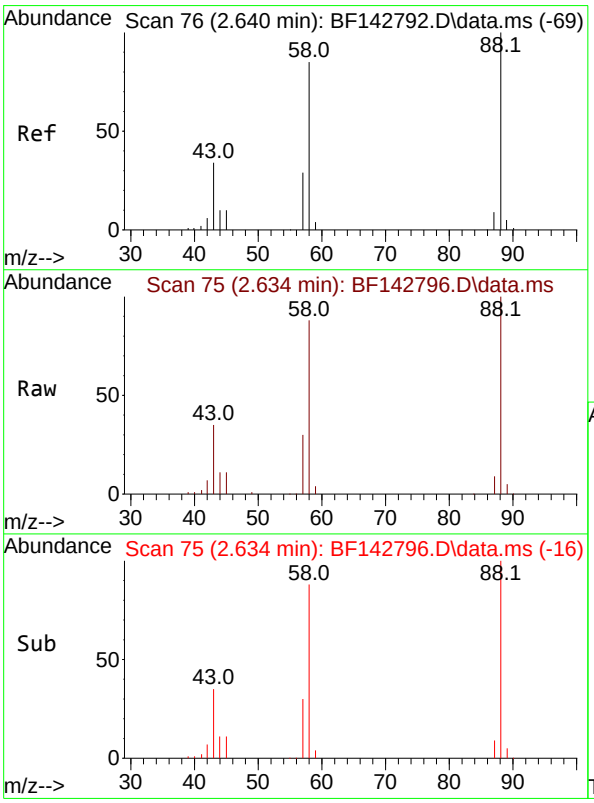
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:152 Resp: 74183

Ion	Ratio	Lower	Upper
152	100		
150	159.0	127.2	190.8
115	57.9	46.6	69.8

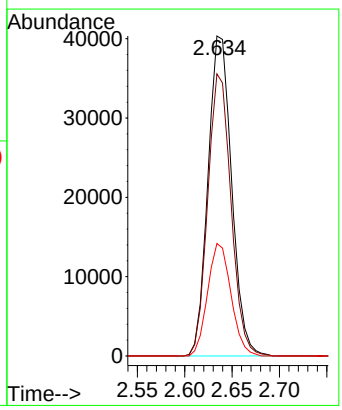


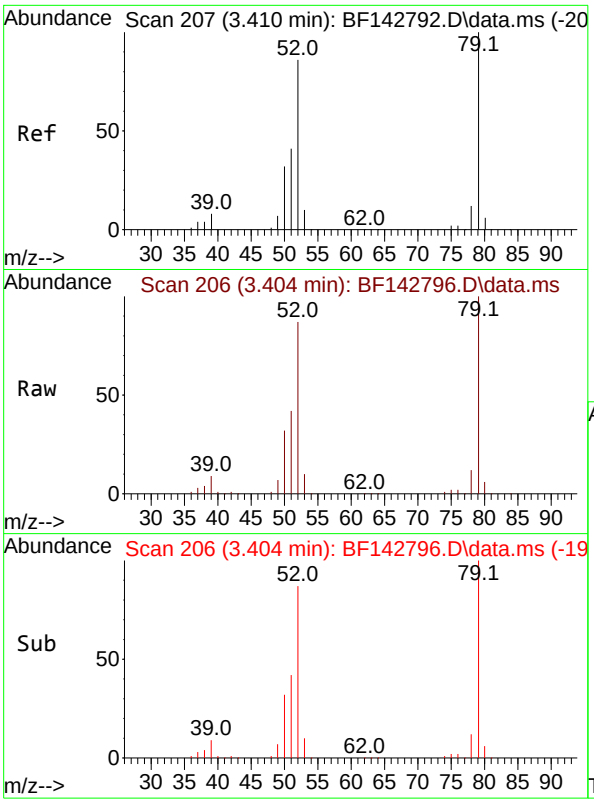


#2
1,4-Dioxane
Concen: 39.357 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 88 Resp: 70139

Ion	Ratio	Lower	Upper
88	100		
58	86.6	69.1	103.7
43	34.8	27.4	41.2



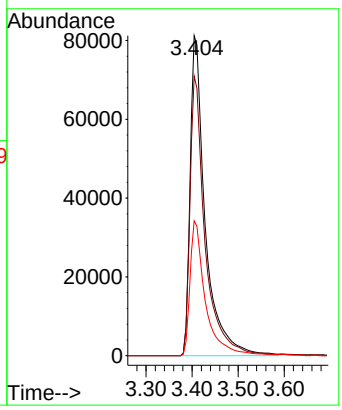


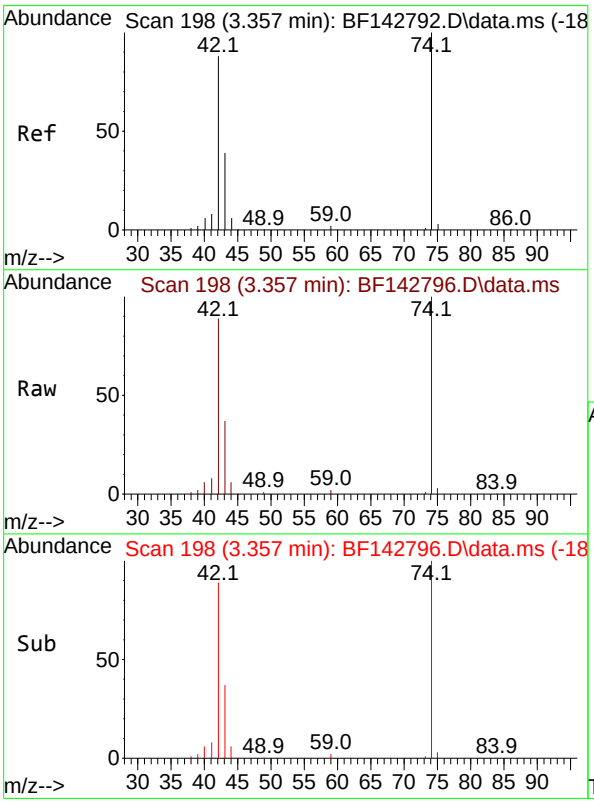
#3
Pyridine
Concen: 41.446 ng
RT: 3.404 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion: 79 Resp: 185173

Ion	Ratio	Lower	Upper
79	100		
52	87.4	69.2	103.8
51	42.1	33.2	49.8

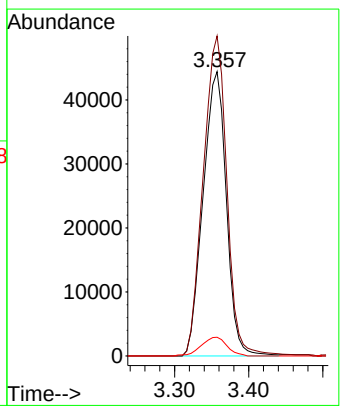


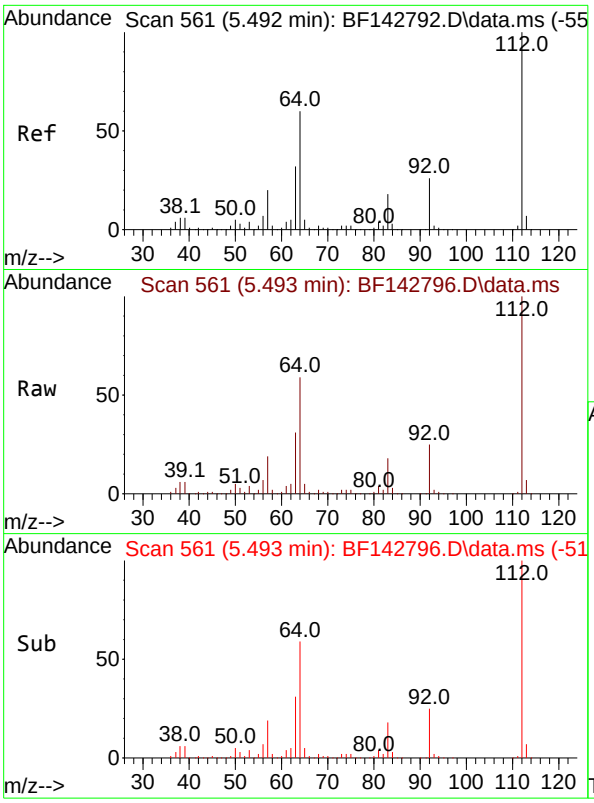


#4
n-Nitrosodimethylamine
Concen: 41.912 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 42 Resp: 96831

Ion	Ratio	Lower	Upper
42	100		
74	112.6	90.9	136.3
44	6.6	5.8	8.6



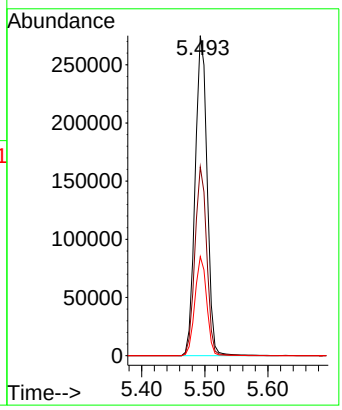


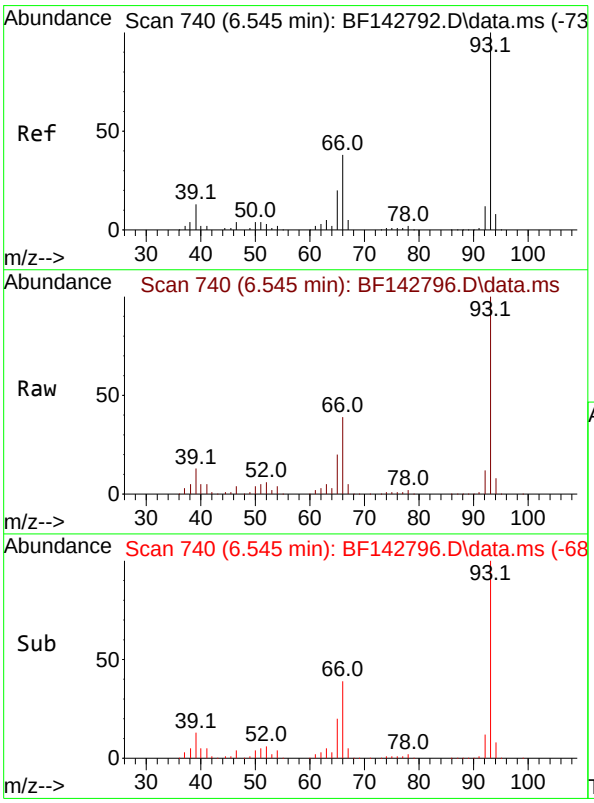
#5
2-Fluorophenol
Concen: 81.192 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.001 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:112 Resp: 361762

Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.2	72.2
63	31.0	25.7	38.5

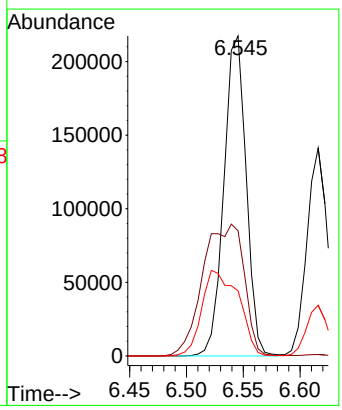


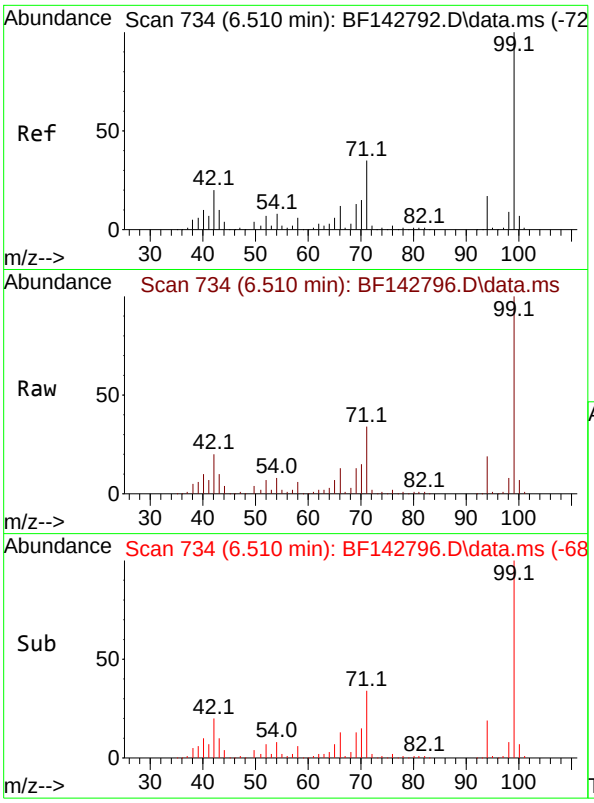


#6
Aniline
Concen: 42.392 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 93 Resp: 296519

Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.8	47.6
65	20.4	16.2	24.2



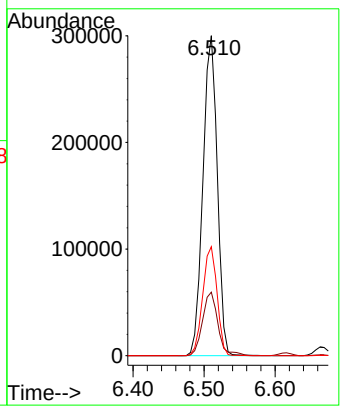


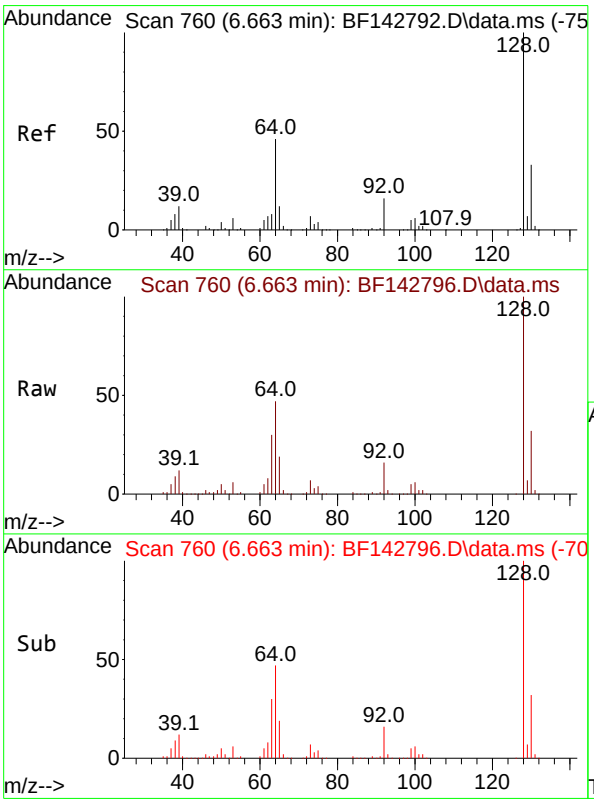
#7
Phenol-d6
Concen: 80.262 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion: 99 Resp: 421918

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.9	23.9
71	34.1	27.8	41.8

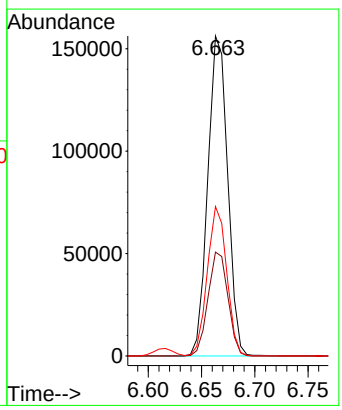


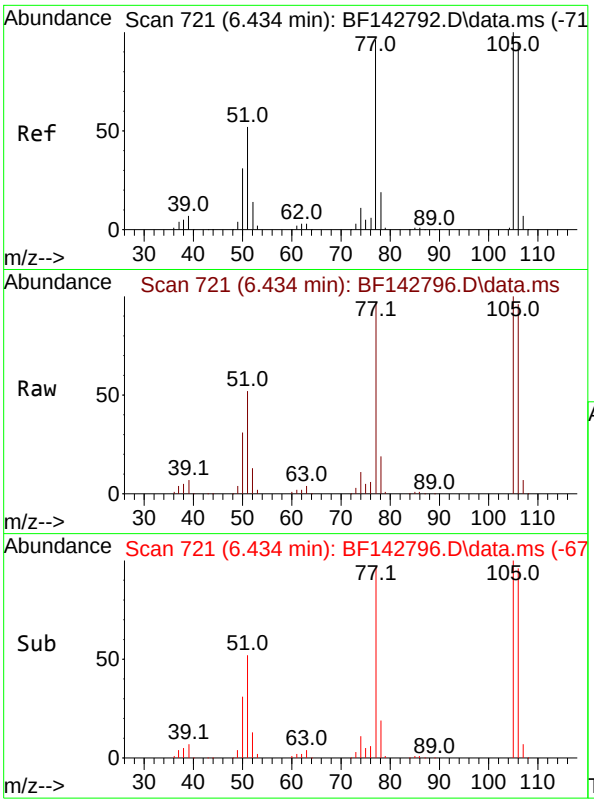


#8
2-Chlorophenol
Concen: 42.036 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:128 Resp: 202041

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	46.7	26.5	66.5



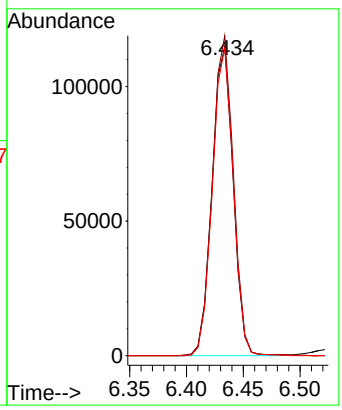


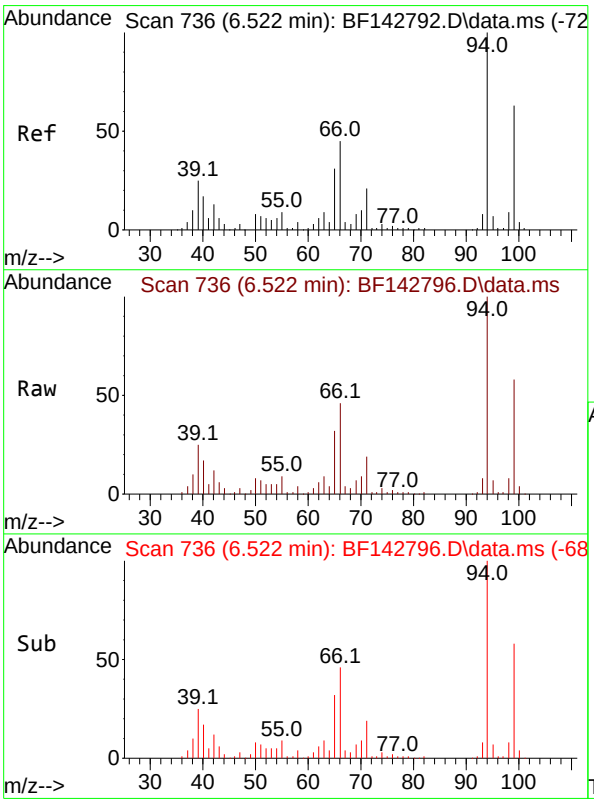
#9
Benzaldehyde
Concen: 47.511 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion: 77 Resp: 148174

Ion	Ratio	Lower	Upper
77	100		
105	103.4	83.8	123.8
106	99.4	78.7	118.7

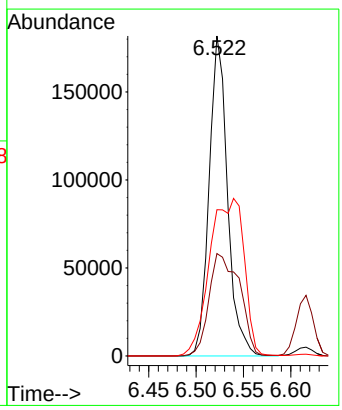


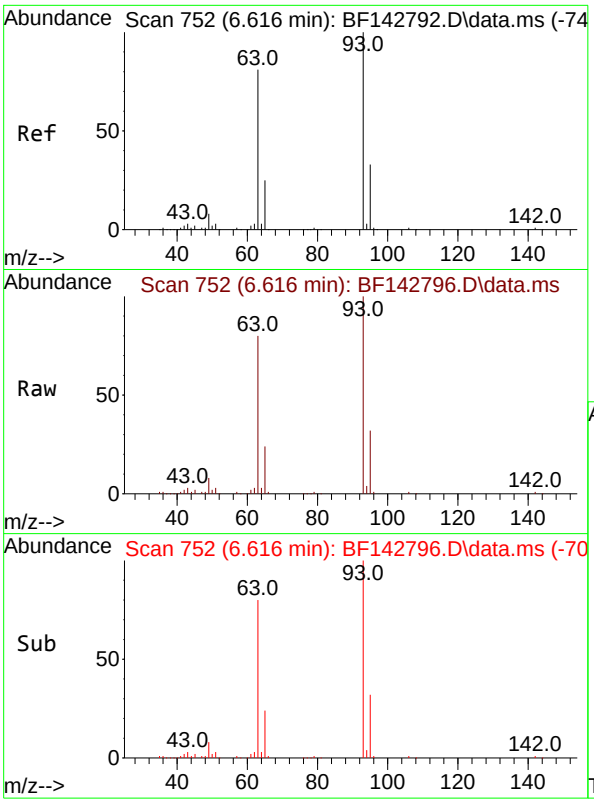


#10
Phenol
Concen: 41.901 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 94 Resp: 244839

Ion	Ratio	Lower	Upper
94	100		
65	32.0	11.3	51.3
66	45.7	24.9	64.9



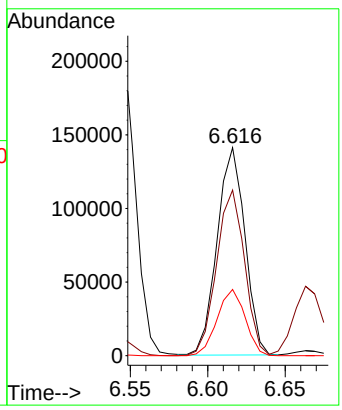


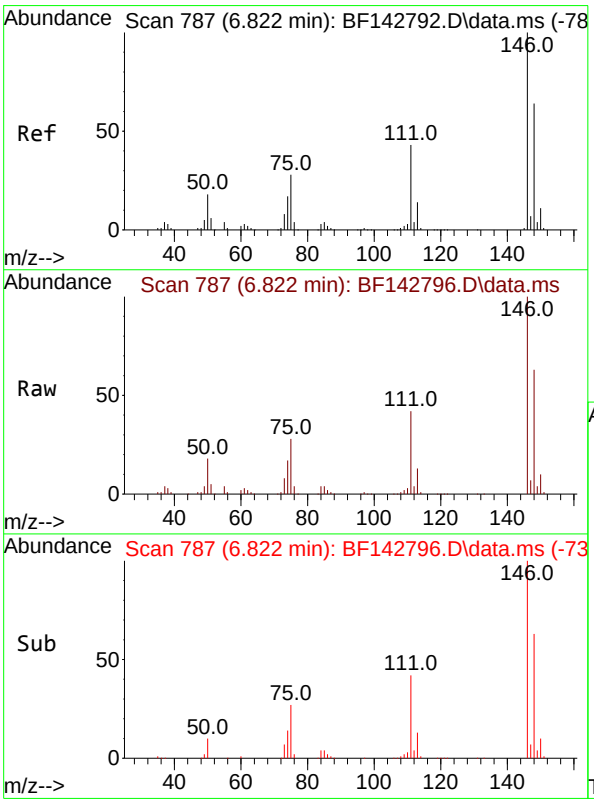
#11
bis(2-Chloroethyl)ether
Concen: 42.157 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion: 93 Resp: 176058

Ion	Ratio	Lower	Upper
93	100		
63	79.6	60.3	100.3
95	31.9	12.5	52.5

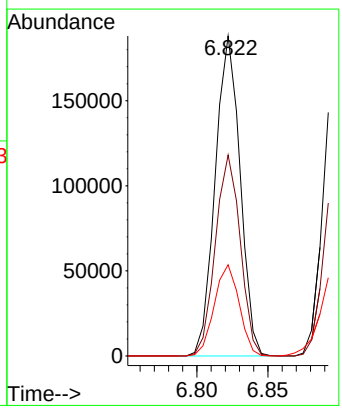


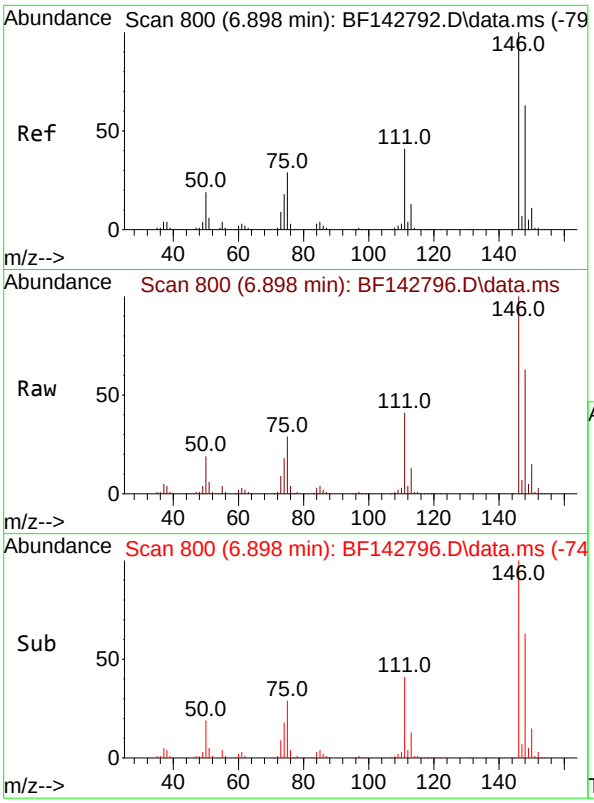


#12
1,3-Dichlorobenzene
Concen: 42.568 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:146 Resp: 228820

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.1	76.7
75	28.5	22.7	34.1



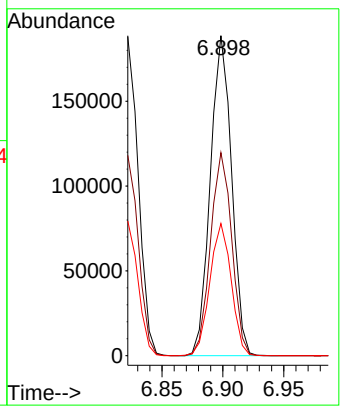


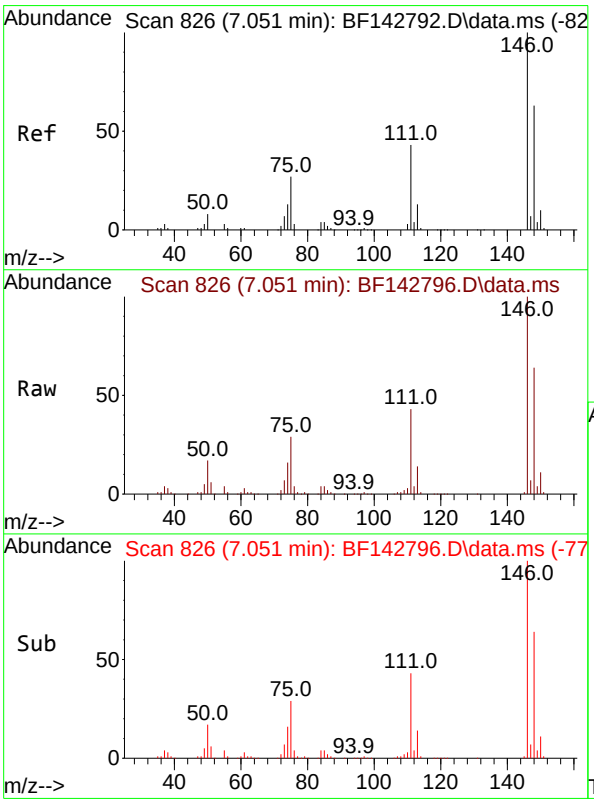
#13
1,4-Dichlorobenzene
Concen: 42.268 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:146 Resp: 229234

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.2	75.2
111	41.3	33.2	49.8

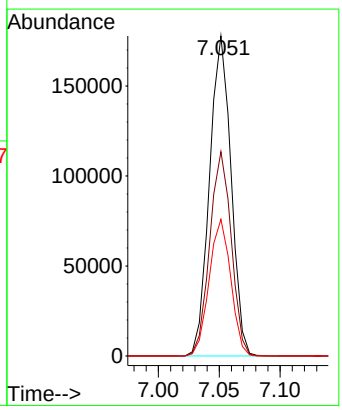


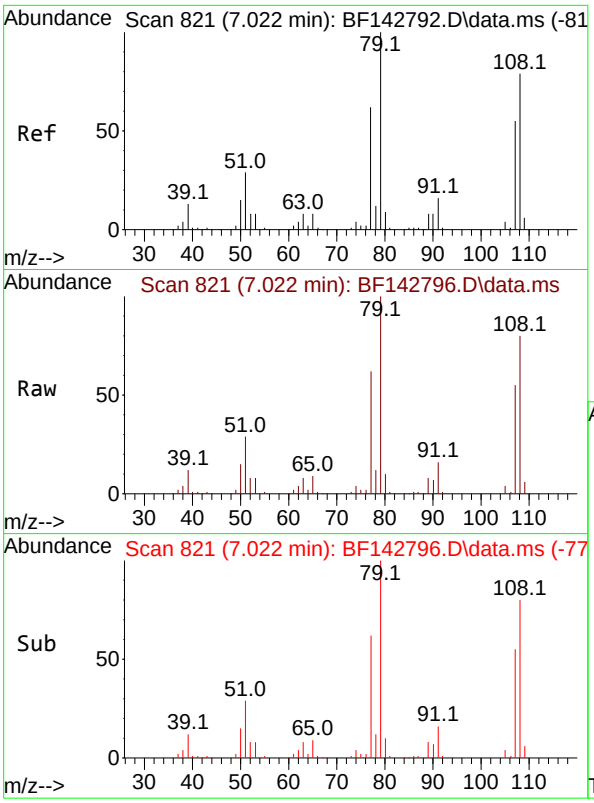


#14
1,2-Dichlorobenzene
Concen: 42.520 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:146 Resp: 218720

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	42.7	34.1	51.1



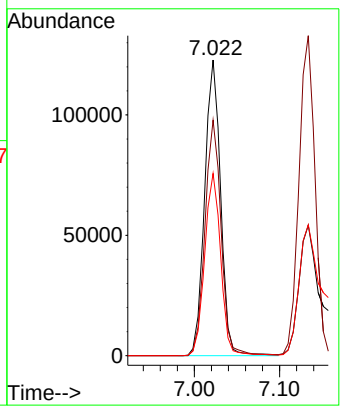


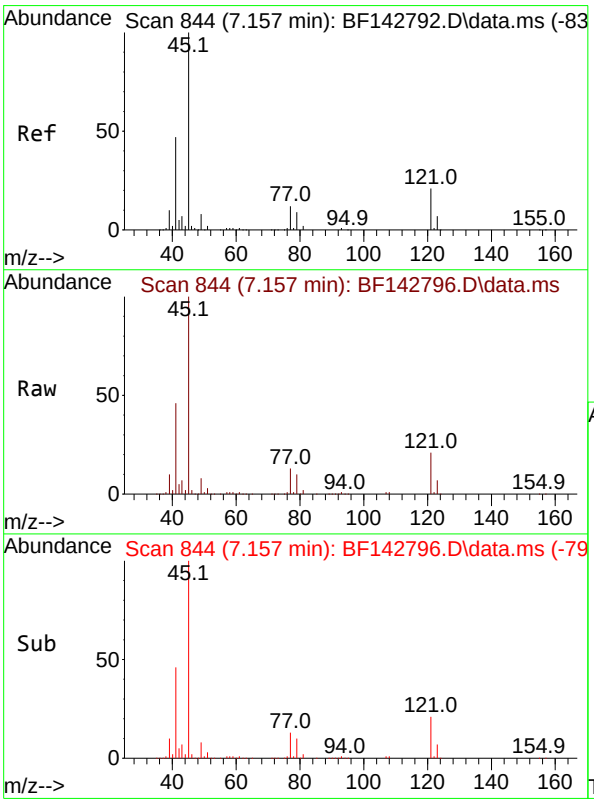
#15
Benzyl Alcohol
Concen: 42.114 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion: 79 Resp: 160044

Ion	Ratio	Lower	Upper
79	100		
108	79.6	63.4	95.0
77	61.7	49.5	74.3

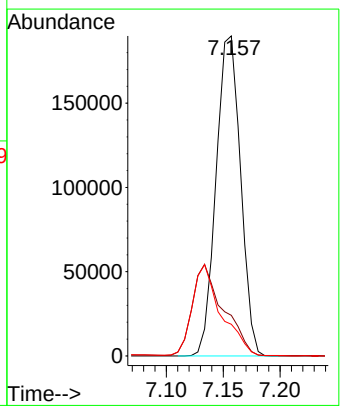


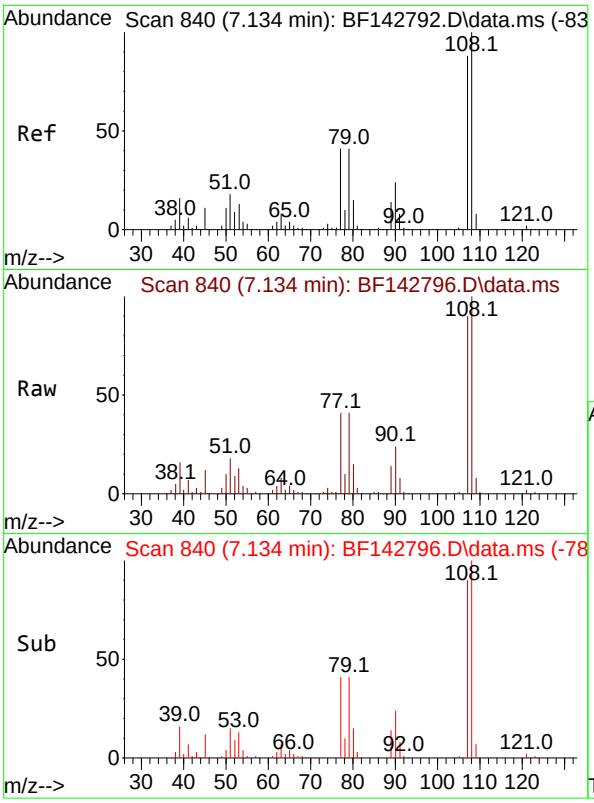


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.379 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 45 Resp: 284352

Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	32.8
79	9.9	0.0	29.8



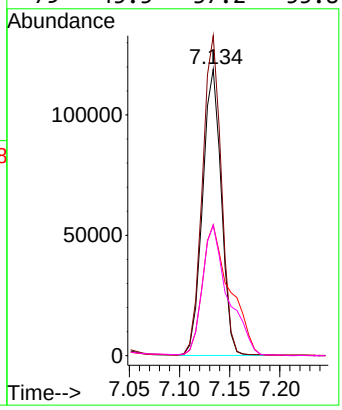


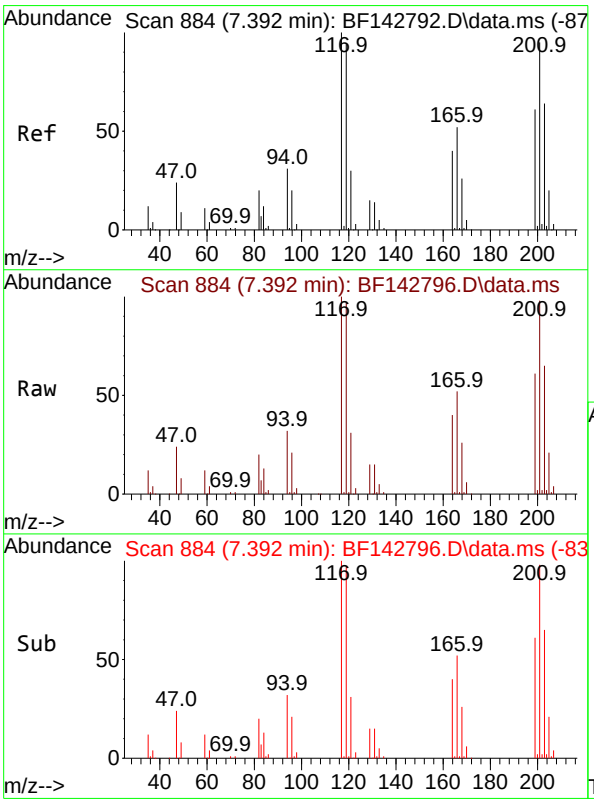
#17
2-Methylphenol
Concen: 42.485 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:107 Resp: 154746

Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.9	136.3
77	45.7	37.3	55.9
79	45.5	37.2	55.8

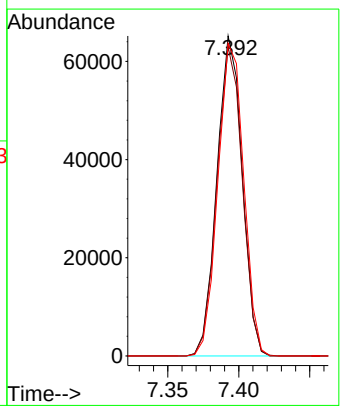


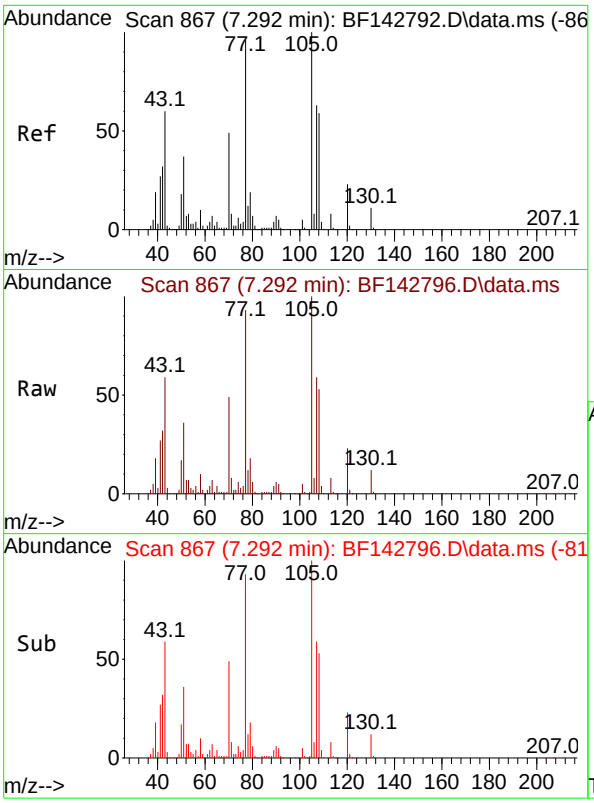


#18
Hexachloroethane
Concen: 42.589 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:117 Resp: 80788

Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.0
201	97.7	75.9	113.9



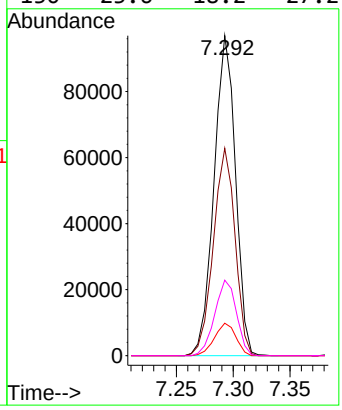


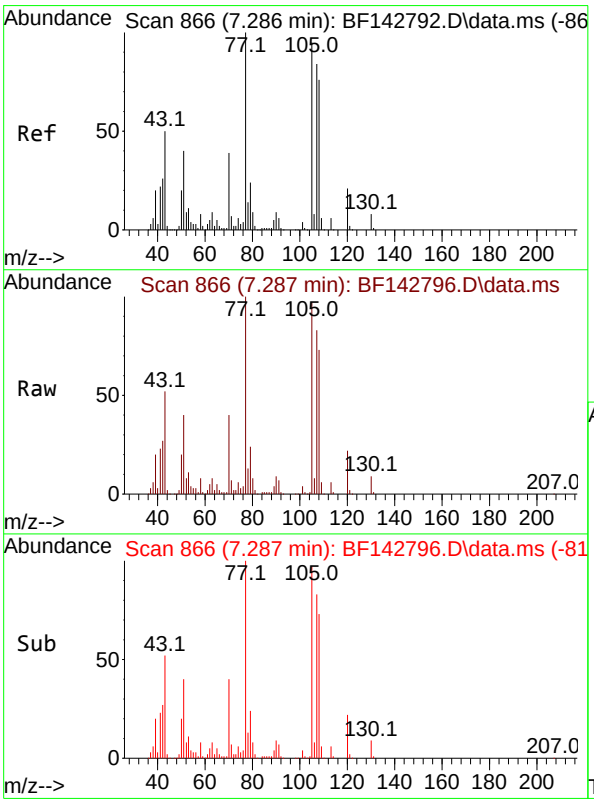
#19
n-Nitroso-di-n-propylamine
Concen: 41.640 ng
RT: 7.292 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion: 70 Resp: 127308

Ion	Ratio	Lower	Upper
70	100		
42	64.8	52.1	78.1
101	10.1	8.2	12.2
130	23.6	18.2	27.2

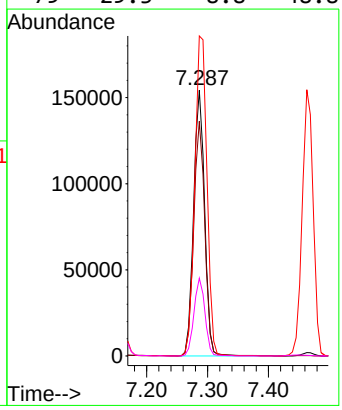


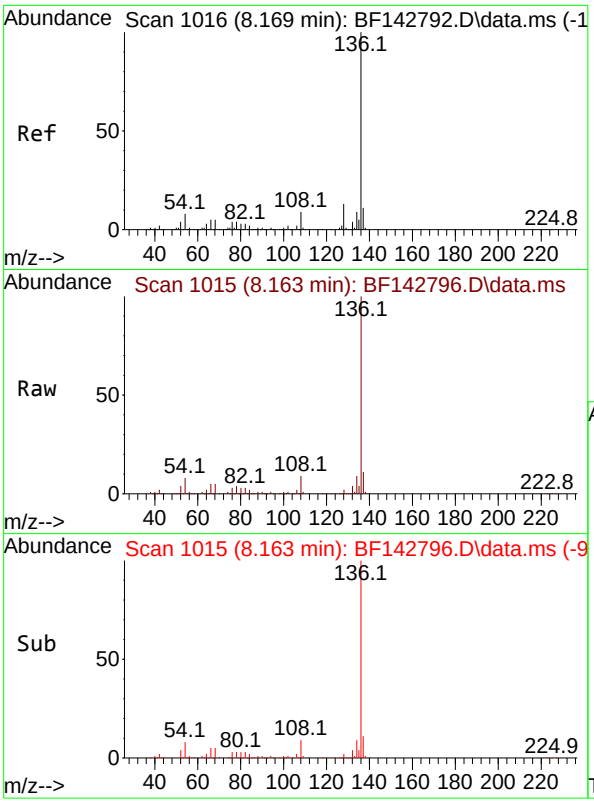


#20
3+4-Methylphenols
Concen: 42.904 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:107 Resp: 194841

Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.0	110.0
77	120.4	98.5	138.5
79	29.3	8.8	48.8



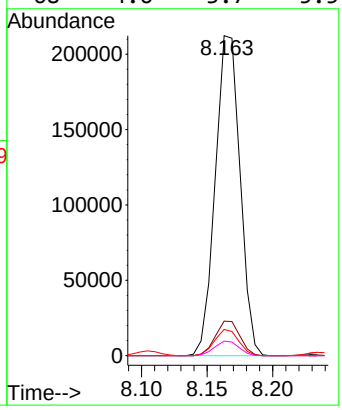


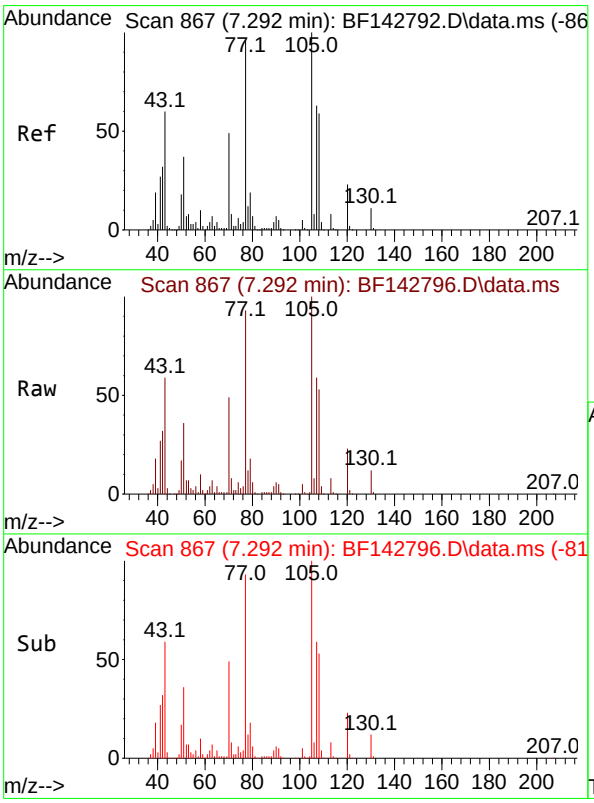
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:136 Resp: 279139

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.2	6.3	9.5
68	4.6	3.7	5.5

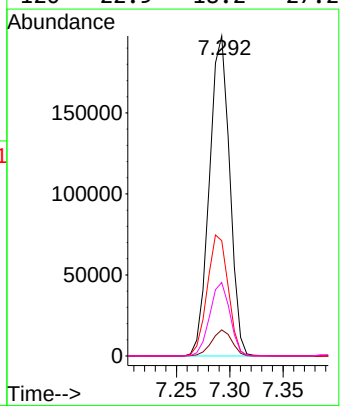


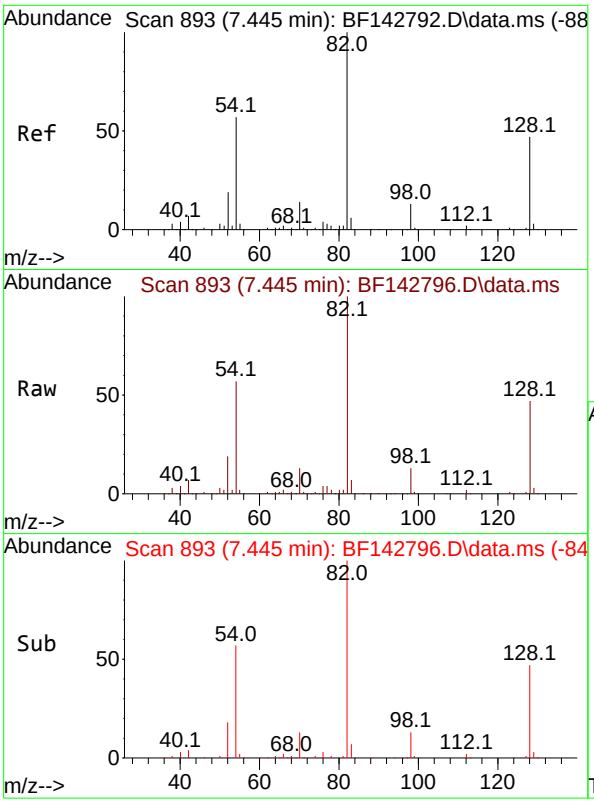


#22
Acetophenone
Concen: 42.478 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:105 Resp: 261474

Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.5	9.7
51	36.0	29.8	44.8
120	22.9	18.2	27.2



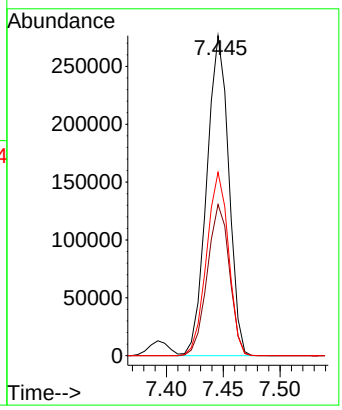


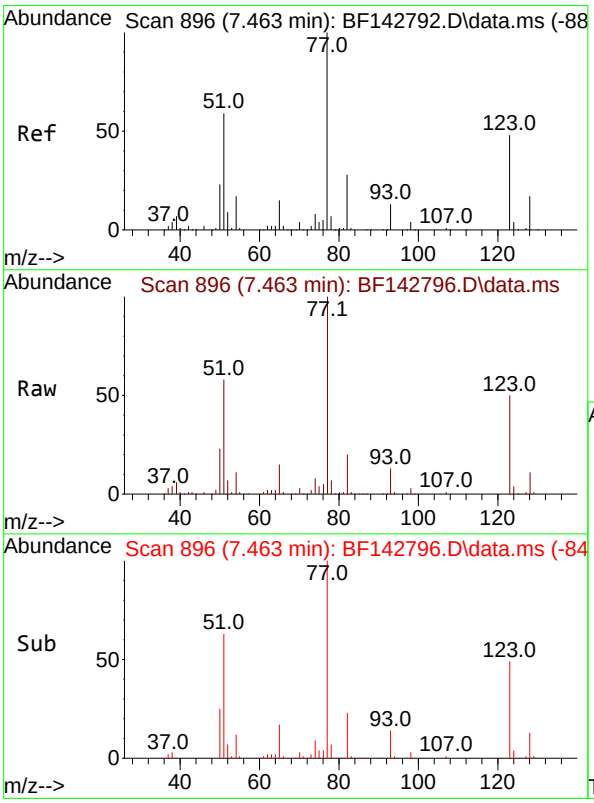
#23
Nitrobenzene-d5
Concen: 73.334 ng
RT: 7.445 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion: 82 Resp: 373199

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.7	56.5
54	57.3	45.7	68.5

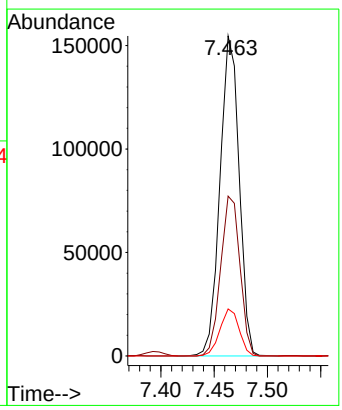


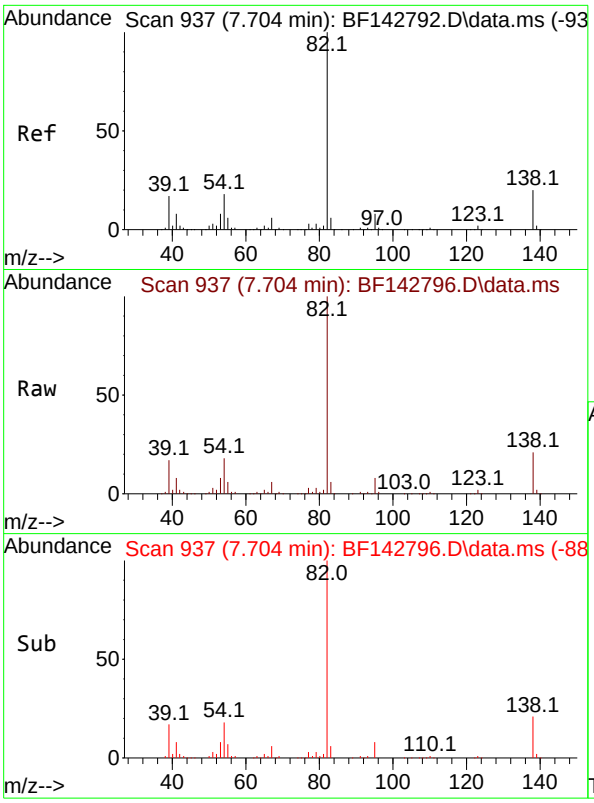


#24
Nitrobenzene
Concen: 41.968 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 77 Resp: 193310

Ion	Ratio	Lower	Upper
77	100		
123	50.0	39.2	58.8
65	14.7	11.6	17.4



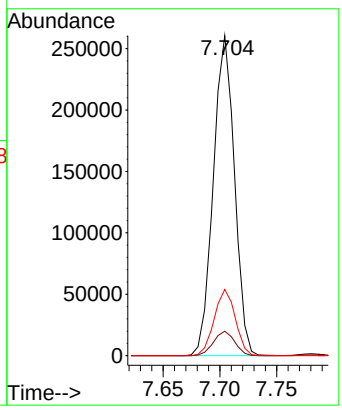


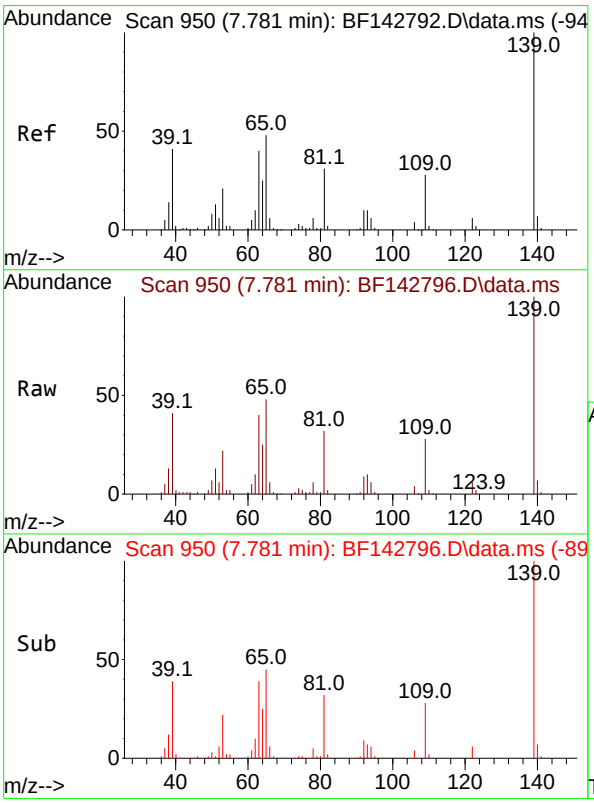
#25
Isophorone
Concen: 41.403 ng
RT: 7.704 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion: 82 Resp: 338001

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	20.7	16.2	24.4

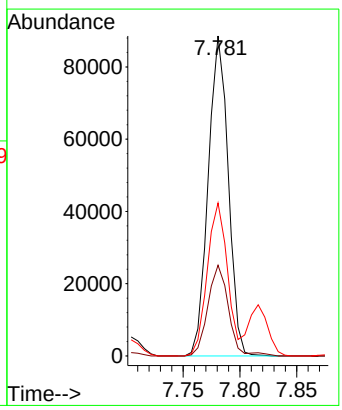


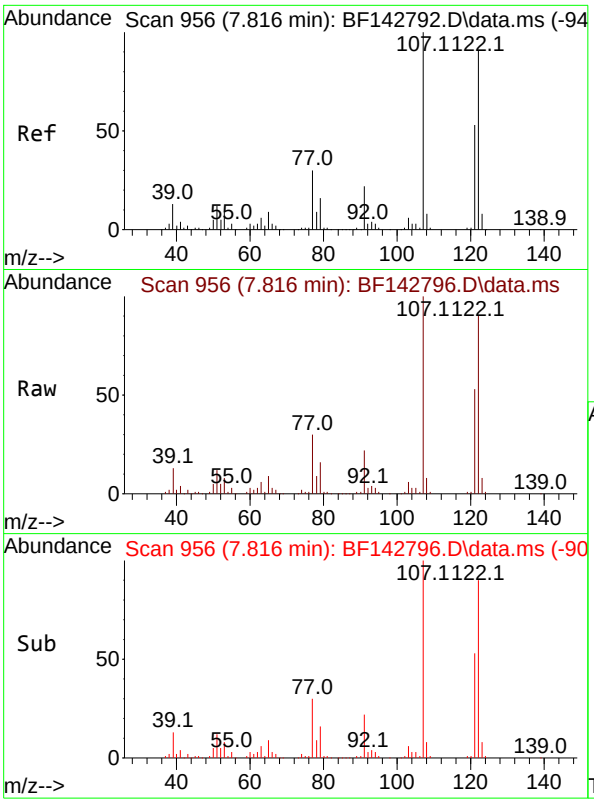


#26
2-Nitrophenol
Concen: 43.224 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:139 Resp: 108455

Ion	Ratio	Lower	Upper
139	100		
109	28.4	22.7	34.1
65	47.8	38.6	58.0



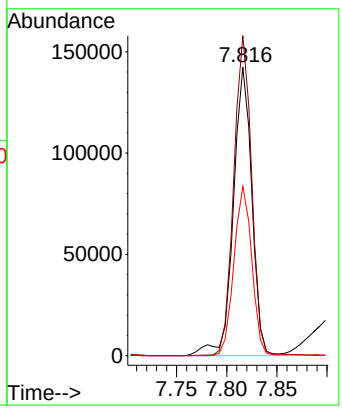


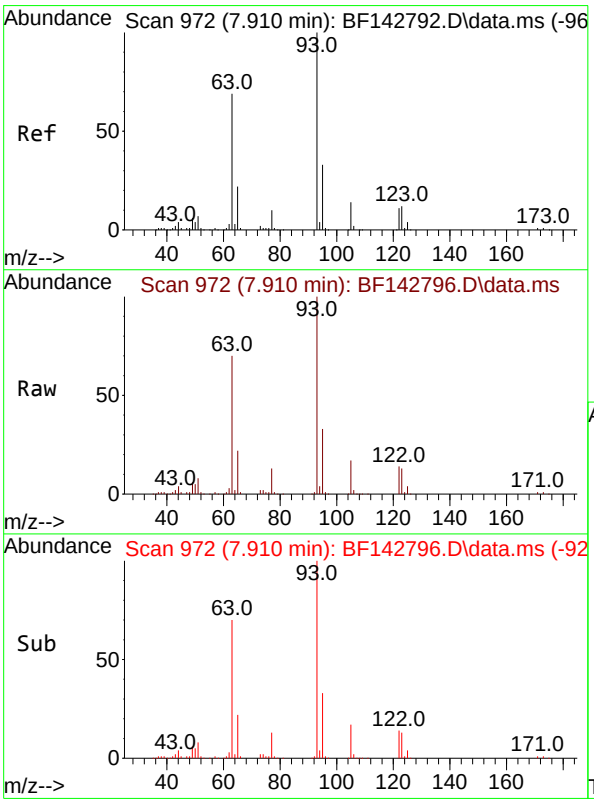
#27
2,4-Dimethylphenol
Concen: 42.168 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:122 Resp: 183273

Ion	Ratio	Lower	Upper
122	100		
107	110.9	88.0	132.0
121	58.6	46.3	69.5

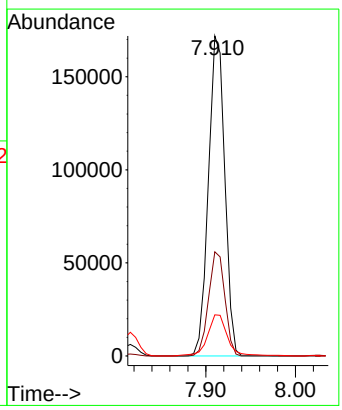


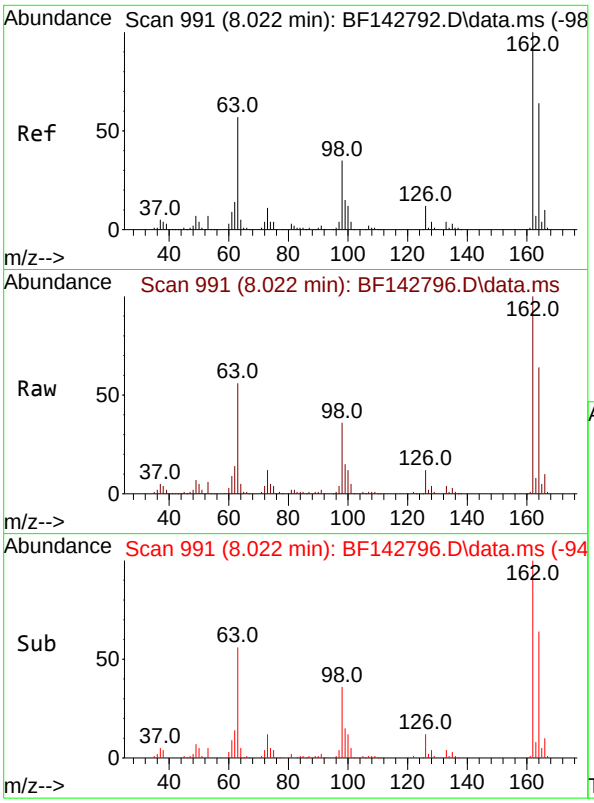


#28
bis(2-Chloroethoxy)methane
Concen: 41.960 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 93 Resp: 217774

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	12.9	9.9	14.9



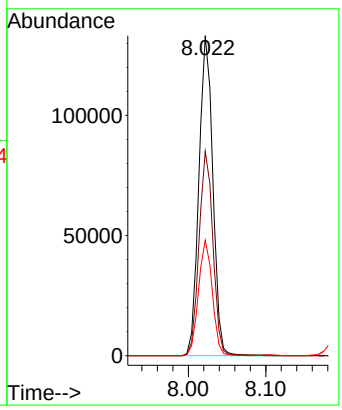


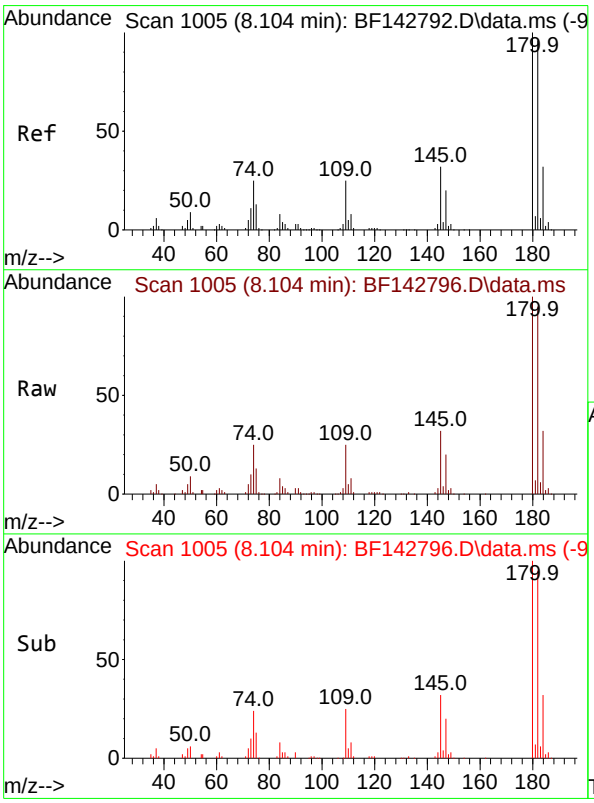
#29
2,4-Dichlorophenol
Concen: 42.196 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:162 Resp: 166286

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.0	84.0
98	36.1	15.4	55.4

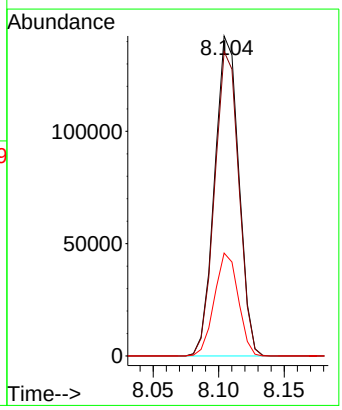


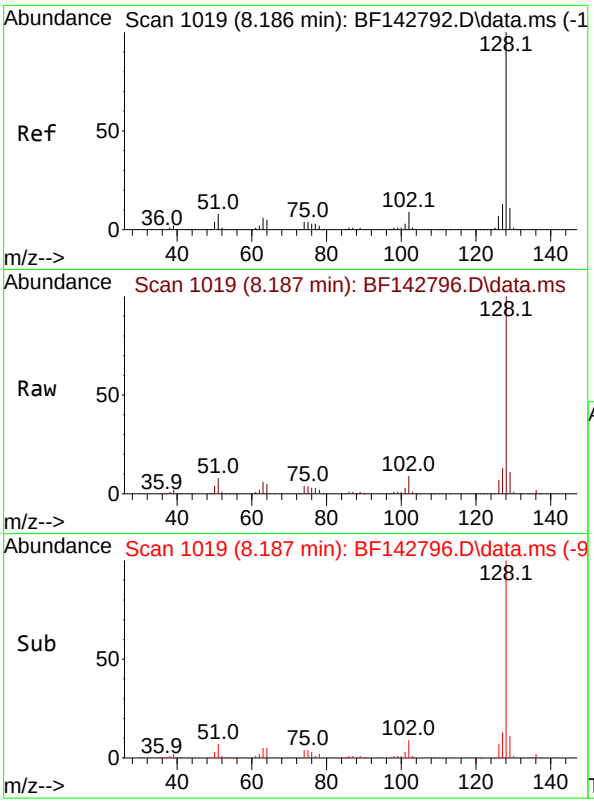


#30
1,2,4-Trichlorobenzene
Concen: 42.177 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:180 Resp: 182768

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	32.1	25.8	38.8



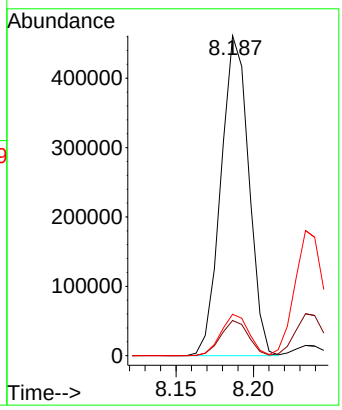


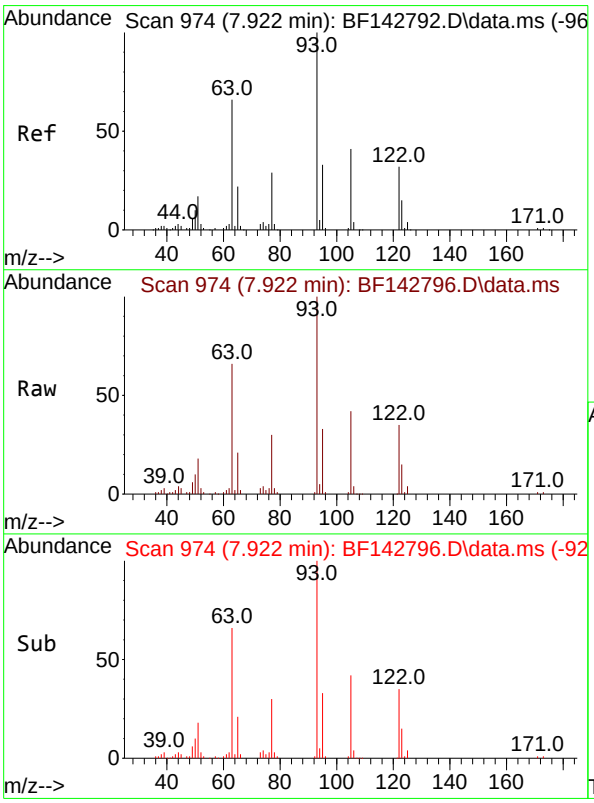
#31
Naphthalene
Concen: 42.218 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:128 Resp: 576847

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.9	10.4	15.6

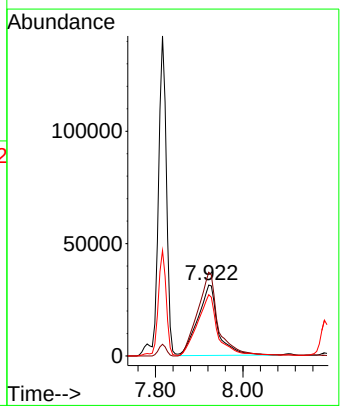


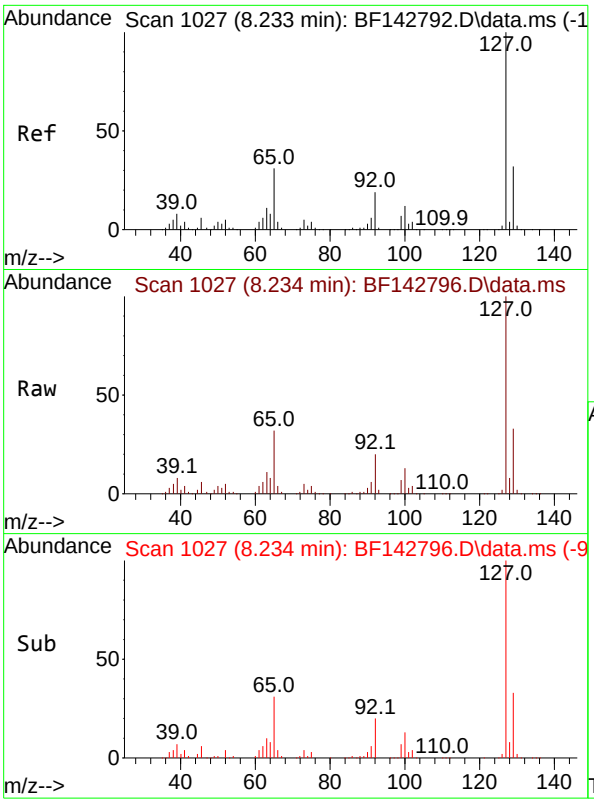


#32
Benzoic acid
Concen: 45.685 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:122 Resp: 101203

Ion	Ratio	Lower	Upper
122	100		
105	118.1	104.7	144.7
77	86.4	70.2	110.2



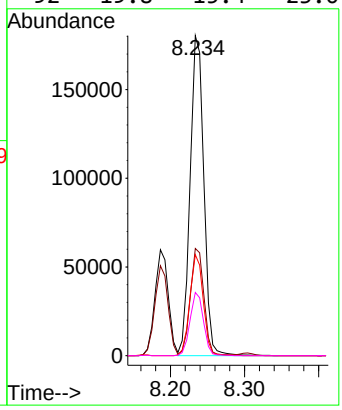


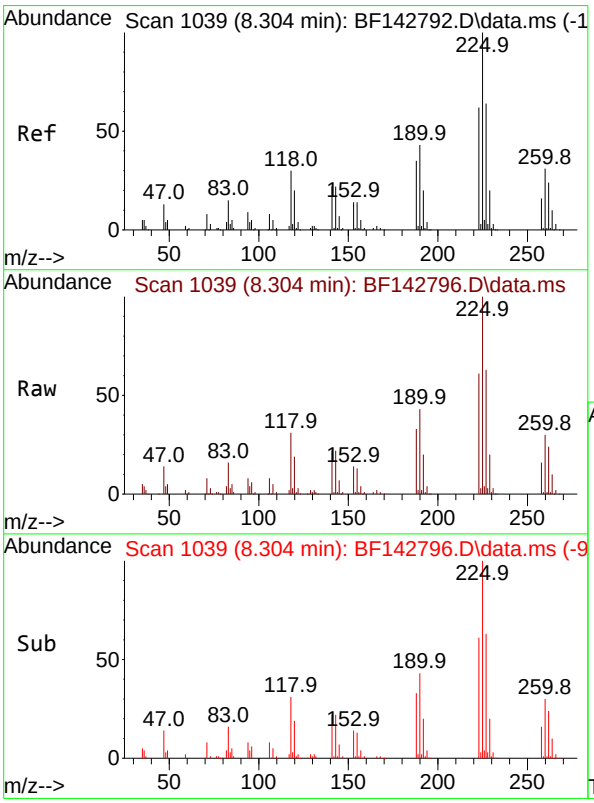
#33
4-Chloroaniline
Concen: 41.766 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:127 Resp: 232045

Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	31.6	24.6	36.8
92	19.8	15.4	23.0

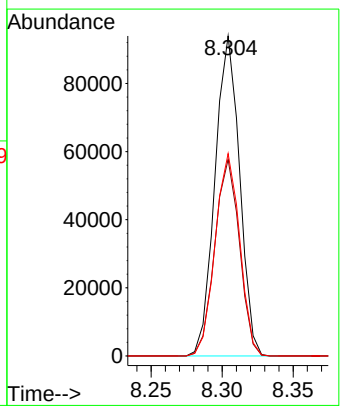


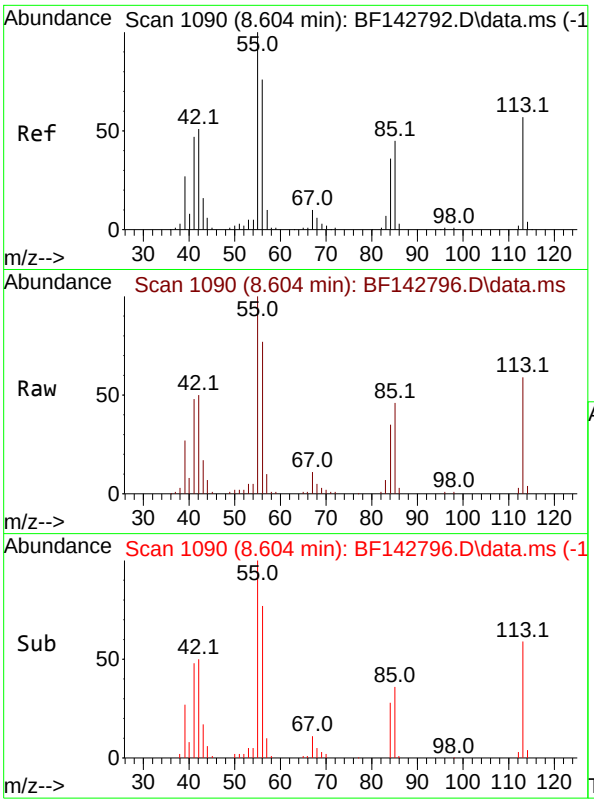


#34
Hexachlorobutadiene
Concen: 42.657 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:225 Resp: 113068

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.9	74.9
227	63.3	51.4	77.0



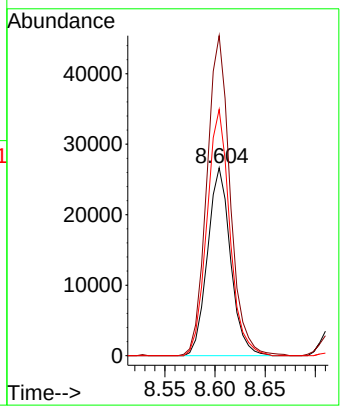


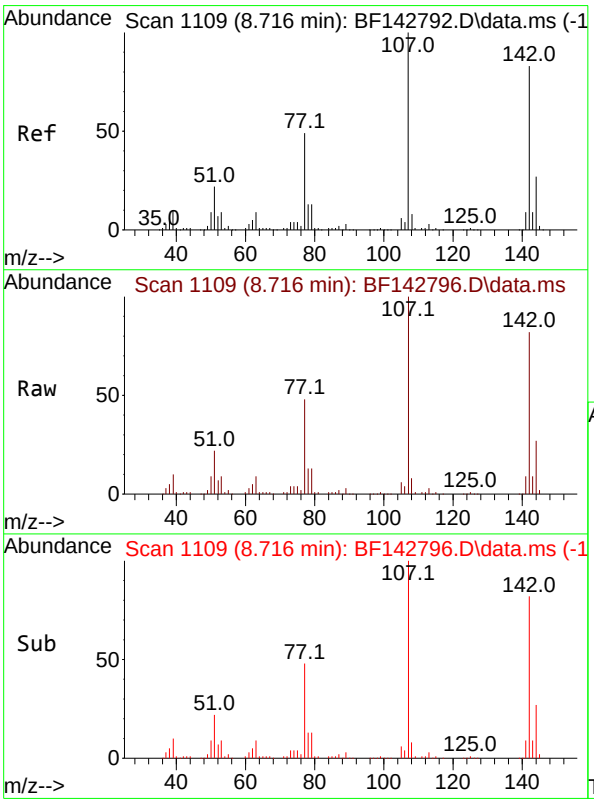
#35
Caprolactam
Concen: 40.928 ng
RT: 8.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:113 Resp: 42561

Ion	Ratio	Lower	Upper
113	100		
55	170.4	154.4	194.4
56	131.1	112.1	152.1

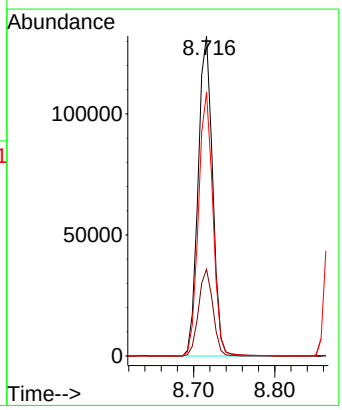


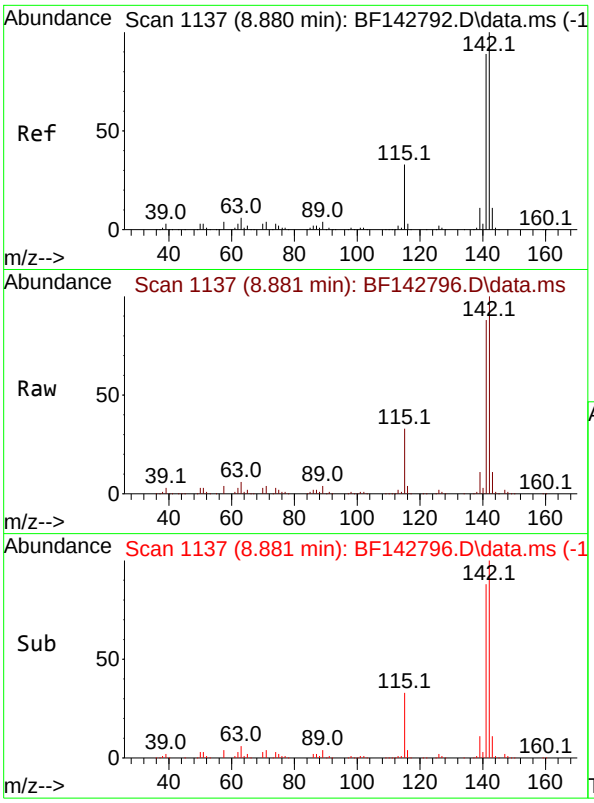


#36
4-Chloro-3-methylphenol
Concen: 41.890 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:107 Resp: 164064

Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.3	31.9
142	82.4	66.6	100.0



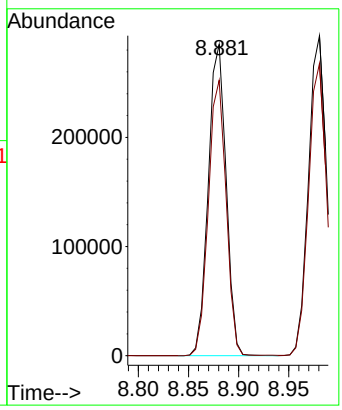


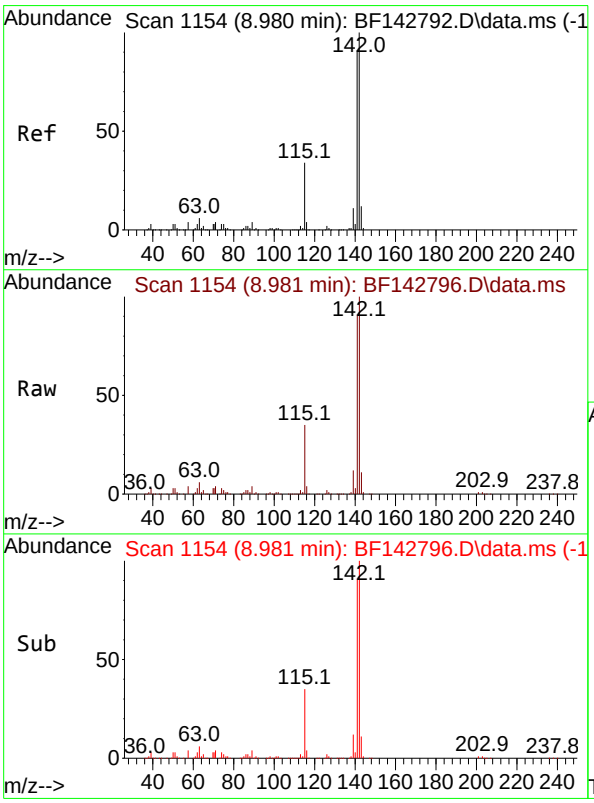
#37
2-Methylnaphthalene
Concen: 41.730 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:142 Resp: 353484

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3

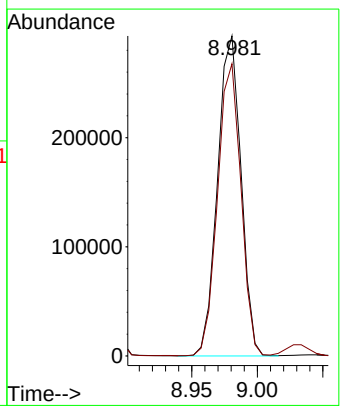


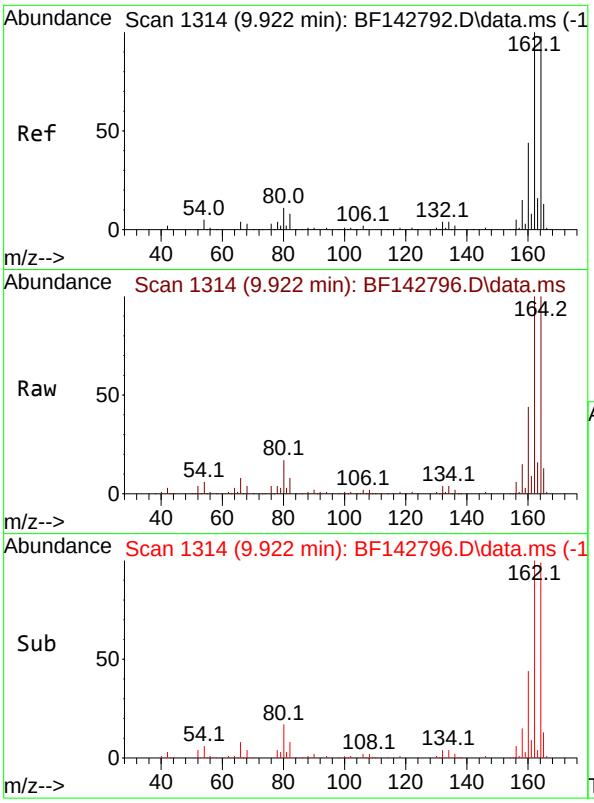


#38
1-Methylnaphthalene
Concen: 41.554 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:142 Resp: 364378

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.4



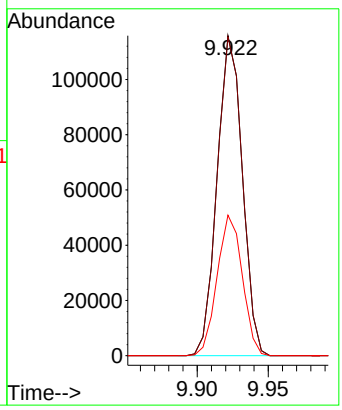


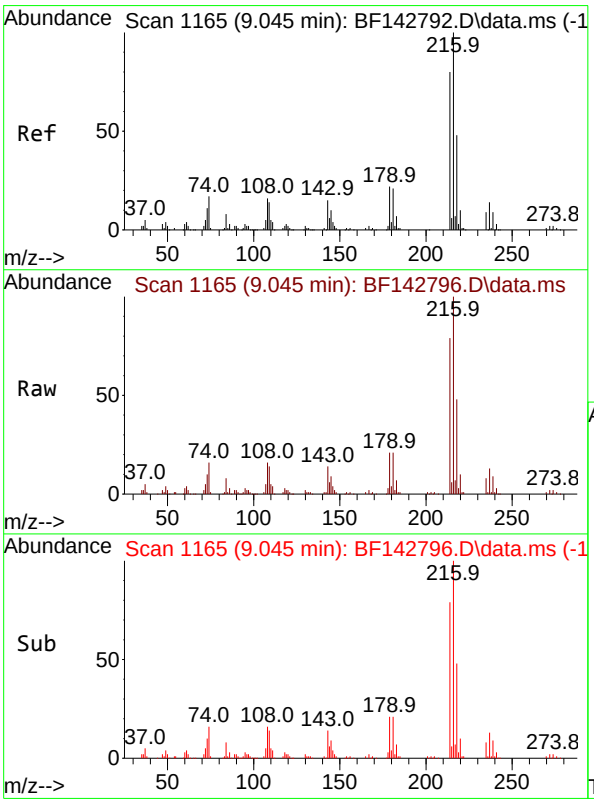
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:164 Resp: 142968

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.8	122.8
160	43.9	36.0	54.0

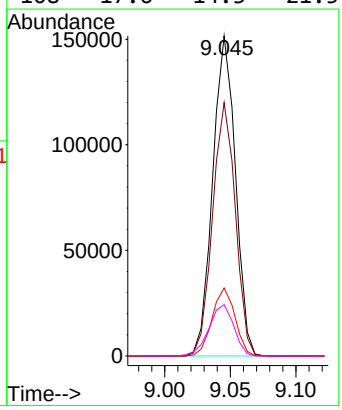


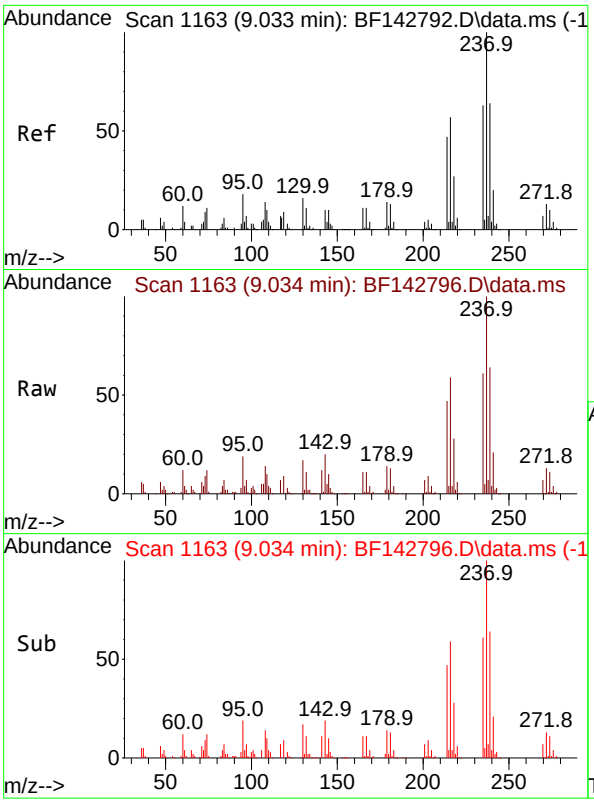


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.233 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:216 Resp: 182379

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.7	95.5
179	21.3	17.6	26.4
108	17.6	14.3	21.5



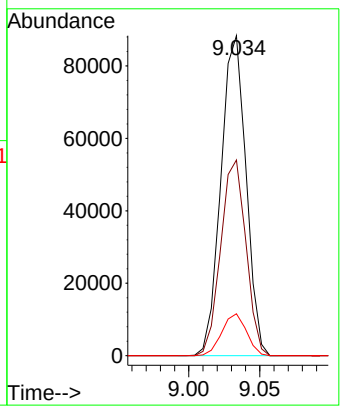


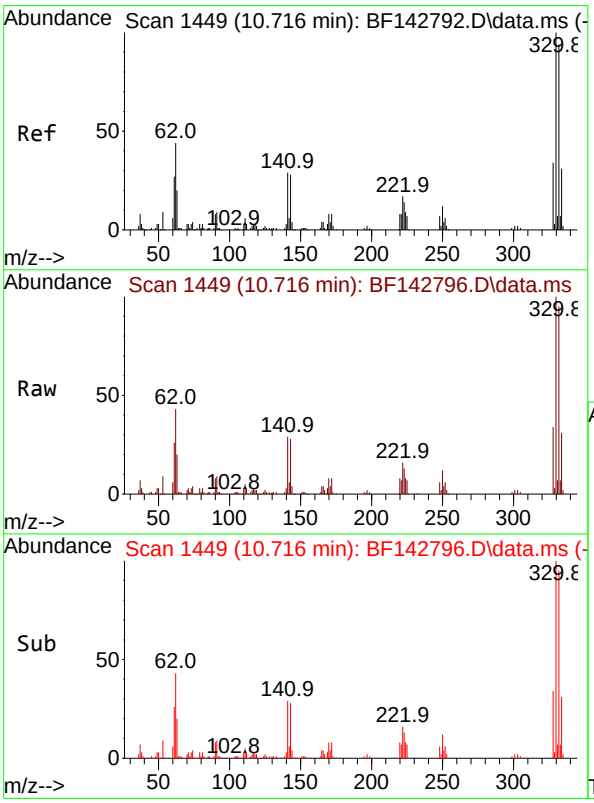
#41
Hexachlorocyclopentadiene
Concen: 45.361 ng
RT: 9.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:237 Resp: 108592

Ion	Ratio	Lower	Upper
237	100		
235	61.2	43.4	83.4
272	13.1	0.0	32.7

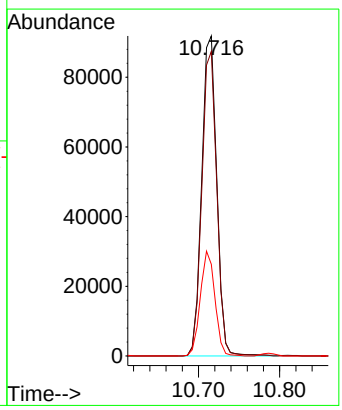


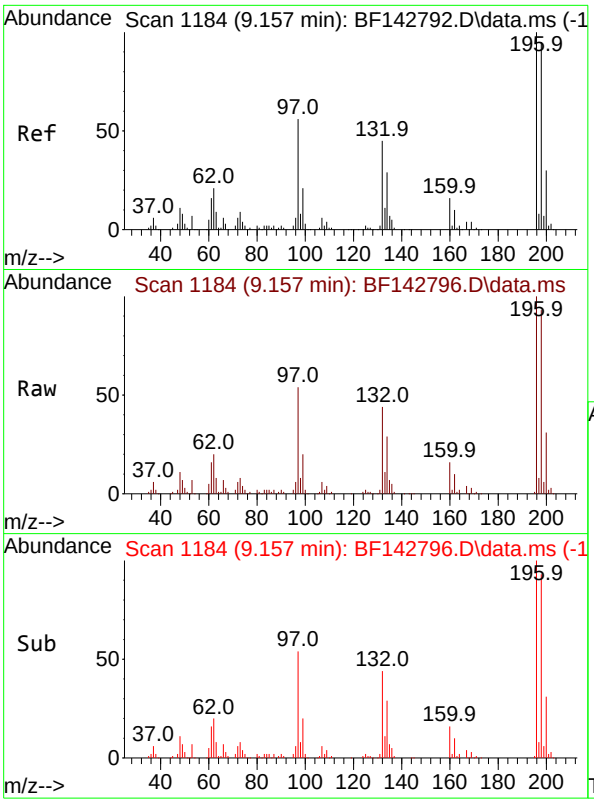


#42
2,4,6-Tribromophenol
Concen: 80.065 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:330 Resp: 117795

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.0	112.6
141	31.9	25.3	37.9



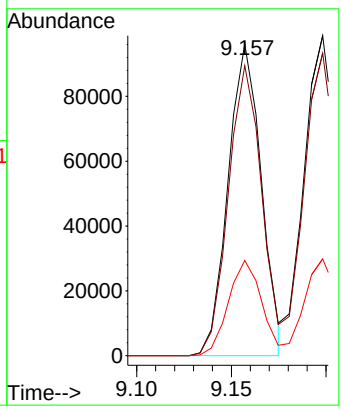


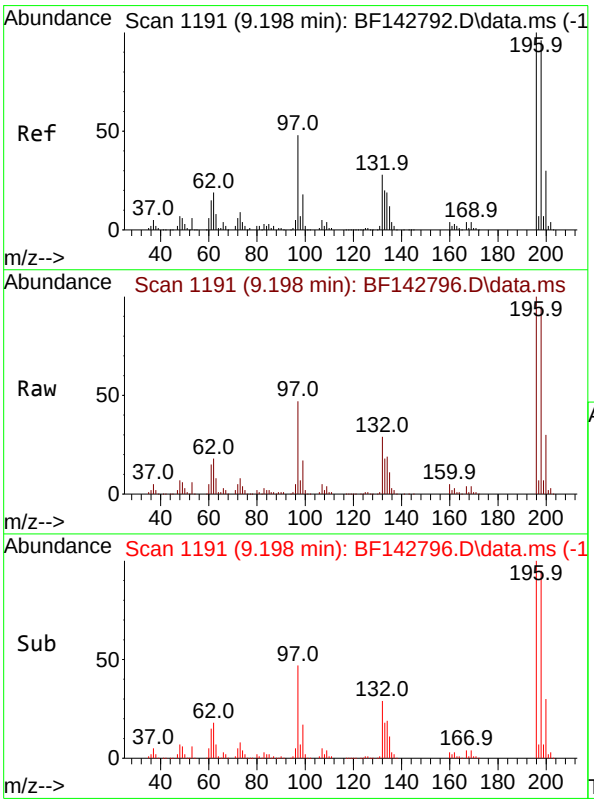
#43
2,4,6-Trichlorophenol
Concen: 42.543 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:196 Resp: 116946

Ion	Ratio	Lower	Upper
196	100		
198	93.0	76.2	114.2
200	30.5	24.1	36.1

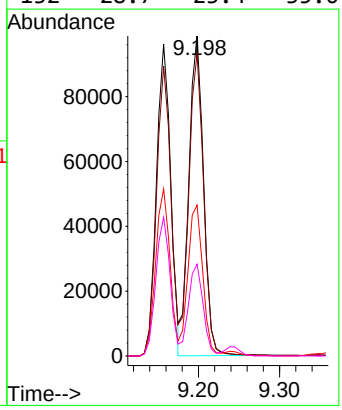


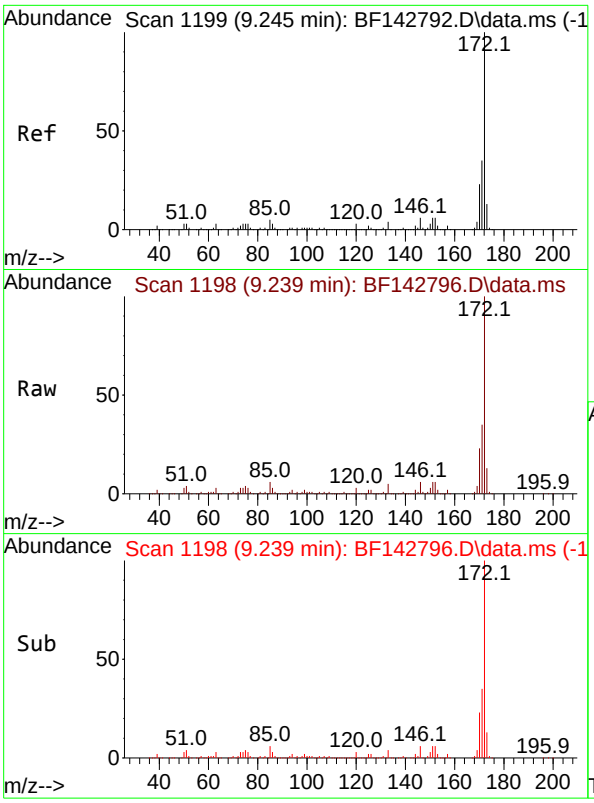


#44
2,4,5-Trichlorophenol
Concen: 43.045 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:196 Resp: 124558

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.6	115.0
97	47.1	38.2	57.2
132	28.7	23.4	35.0



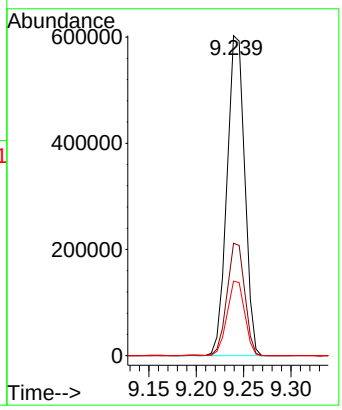


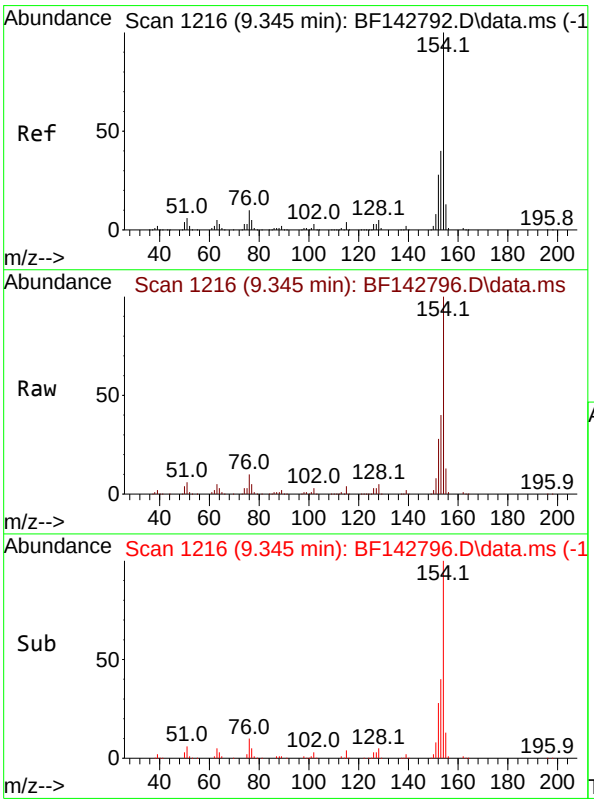
#45
2-Fluorobiphenyl
Concen: 72.171 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:172 Resp: 785440

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.3	18.5	27.7

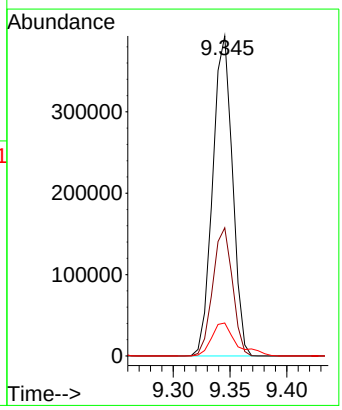


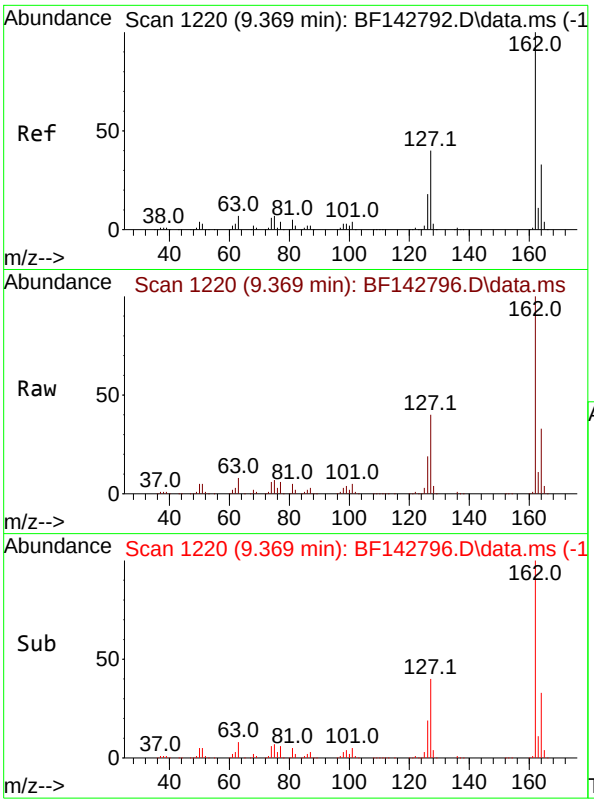


#46
1,1'-Biphenyl
Concen: 42.159 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:154 Resp: 476133

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	10.3	0.0	30.3



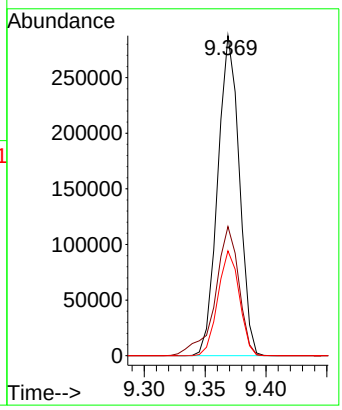


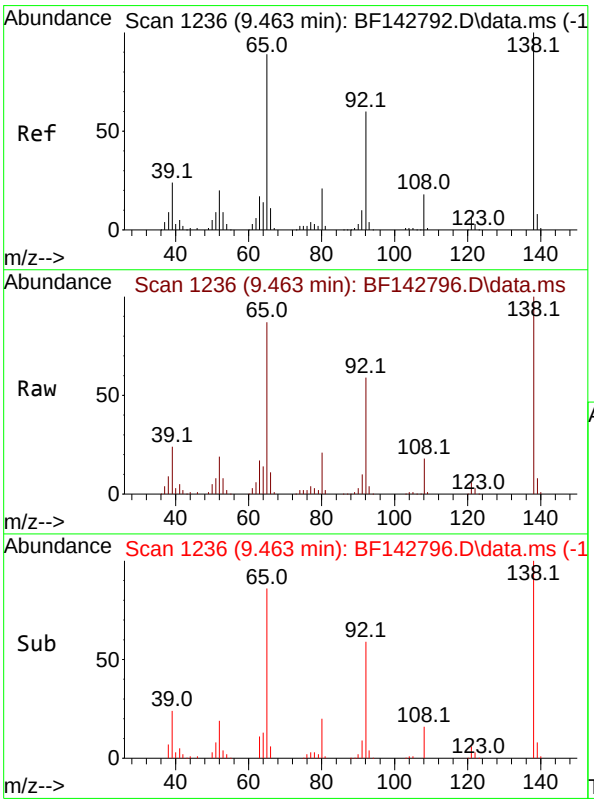
#47
2-Chloronaphthalene
Concen: 41.817 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:162 Resp: 354405

Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.2	48.2
164	32.8	26.1	39.1

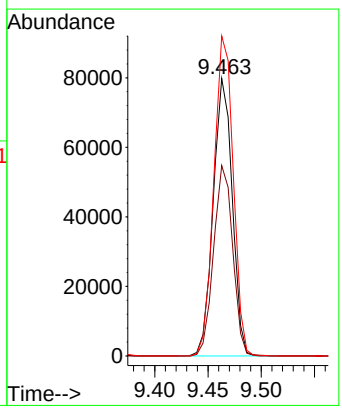


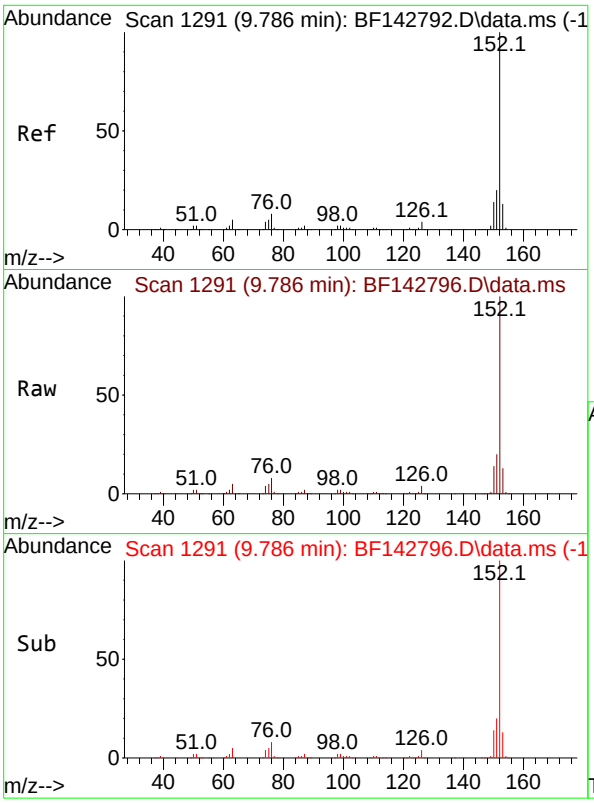


#48
2-Nitroaniline
Concen: 41.724 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 65 Resp: 99137

Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.8	80.6
138	115.4	89.6	134.4



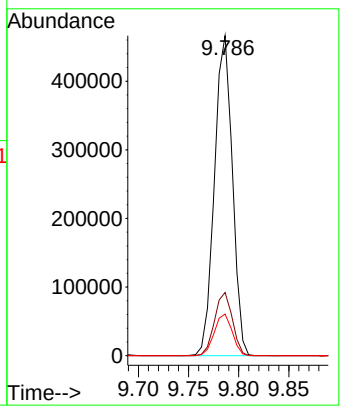


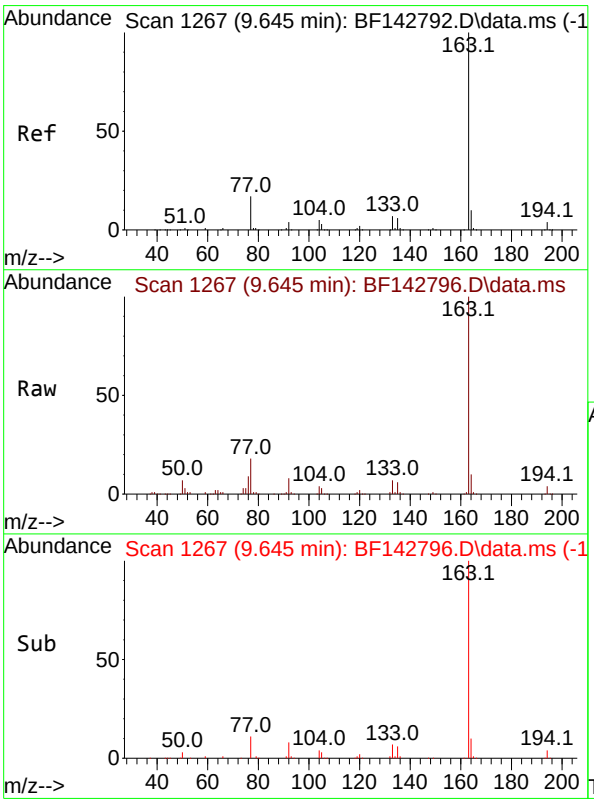
#49
Acenaphthylene
Concen: 41.586 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:152 Resp: 580204

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.0	10.4	15.6

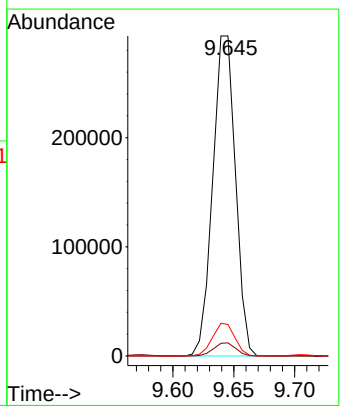


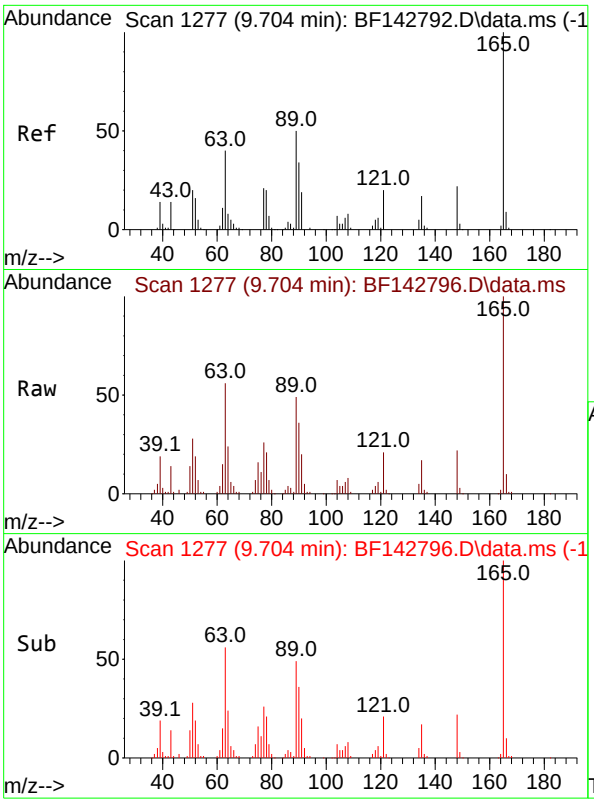


#50
Dimethylphthalate
Concen: 41.232 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:163 Resp: 381573

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	8.0	12.0



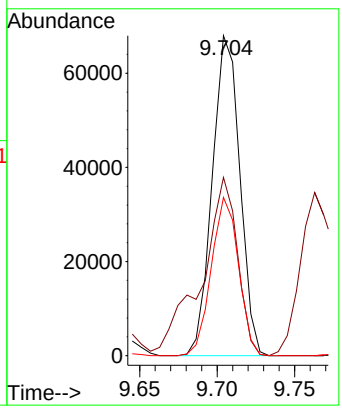


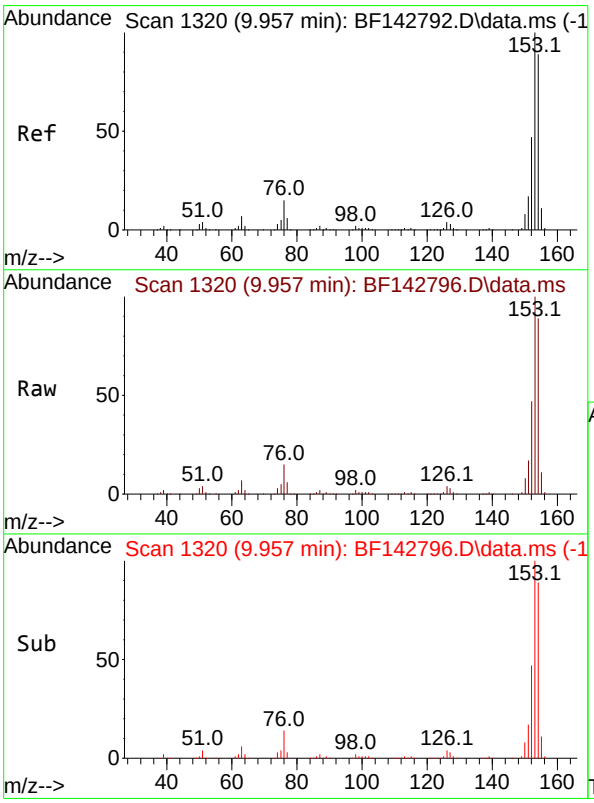
#51
2,6-Dinitrotoluene
Concen: 41.386 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:165 Resp: 84111

Ion	Ratio	Lower	Upper
165	100		
63	55.7	44.2	66.4
89	49.5	39.8	59.8

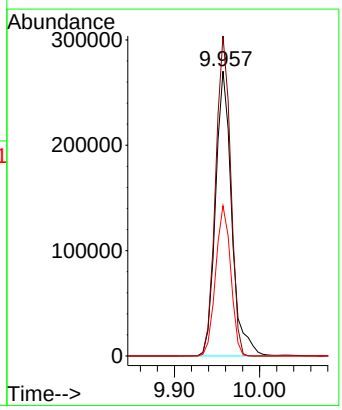


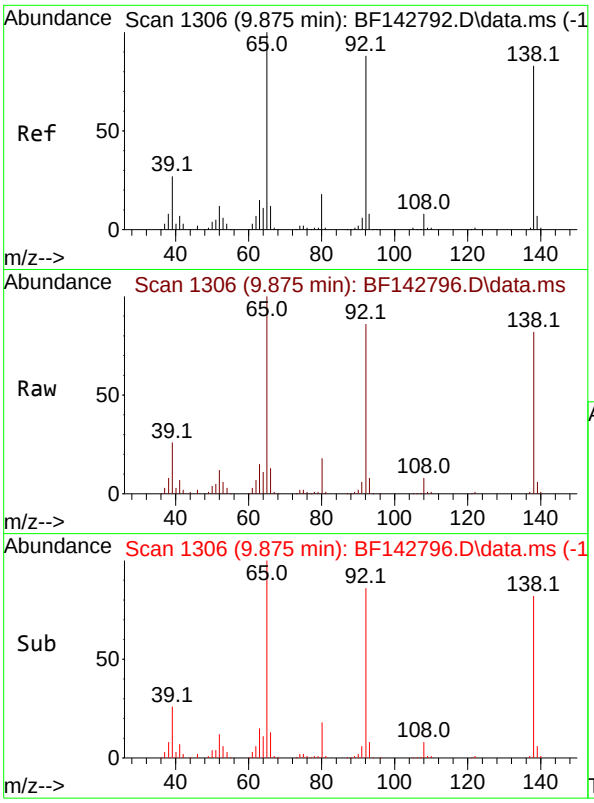


#52
Acenaphthene
Concen: 41.825 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:154 Resp: 356031

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.0	135.0
152	52.8	41.9	62.9



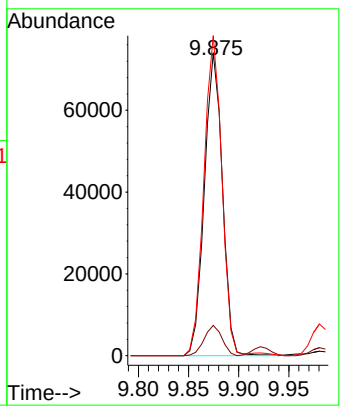


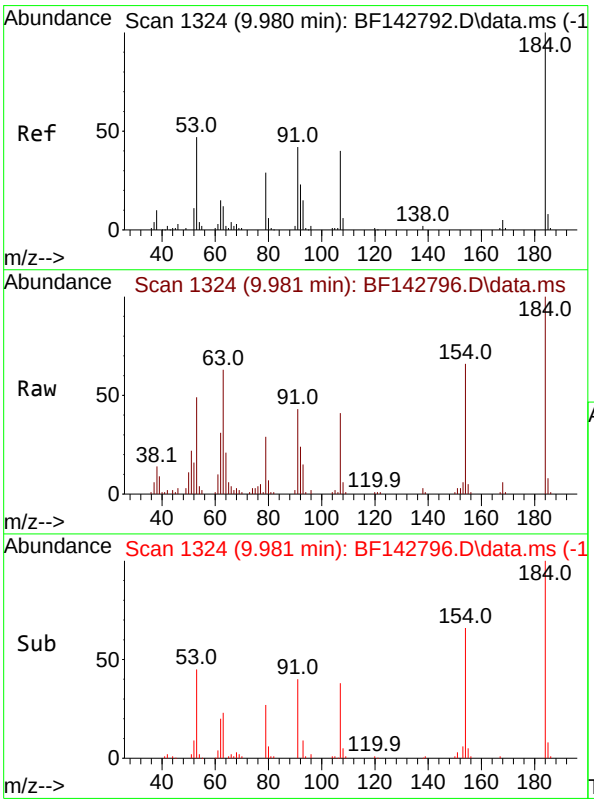
#53
3-Nitroaniline
Concen: 41.512 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:138 Resp: 92889

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.1	12.1
92	105.6	85.1	127.7

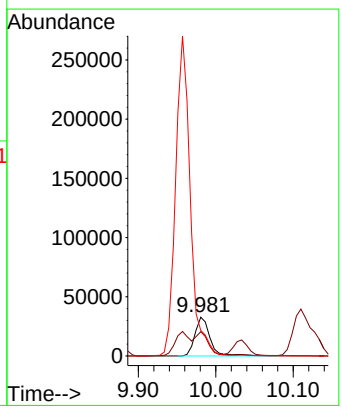


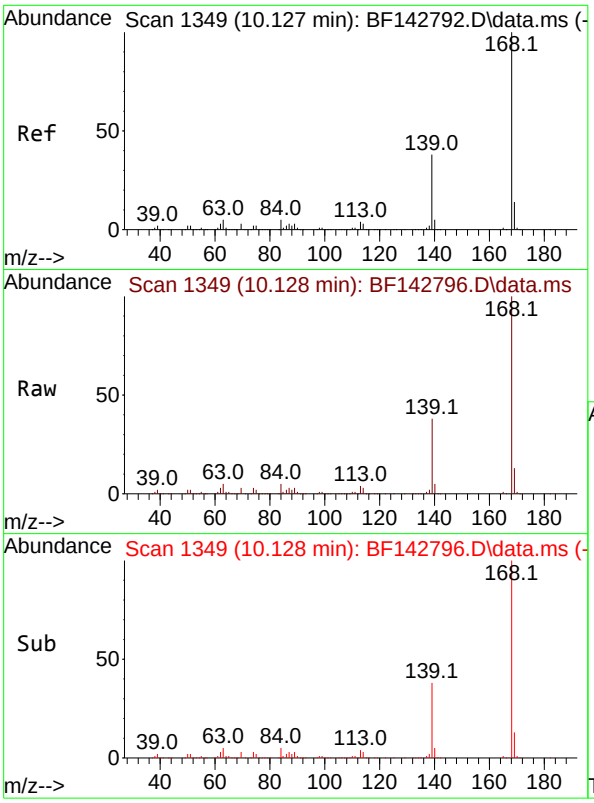


#54
2,4-Dinitrophenol
Concen: 43.742 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:184 Resp: 44513

Ion	Ratio	Lower	Upper
184	100		
63	62.8	50.6	75.8
154	66.3	51.8	77.8



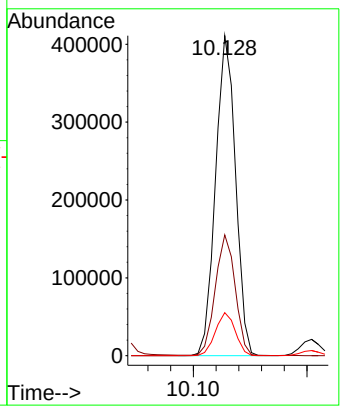


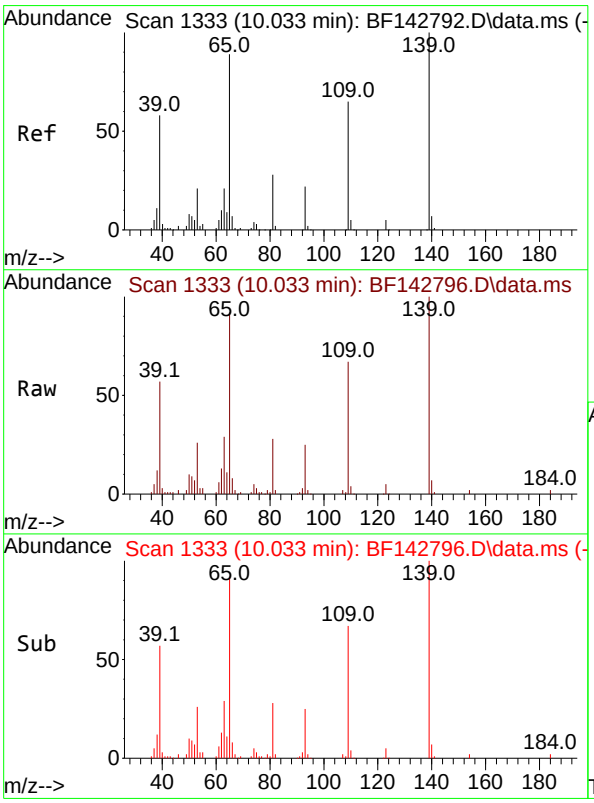
#55
Dibenzofuran
Concen: 41.150 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:168 Resp: 502290

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.2	45.4
169	13.4	10.8	16.2

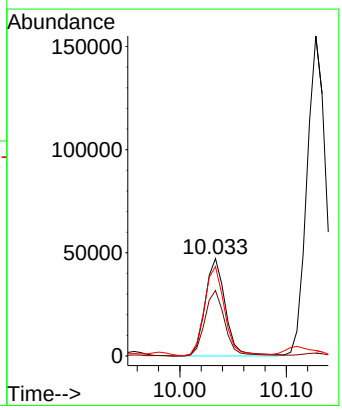


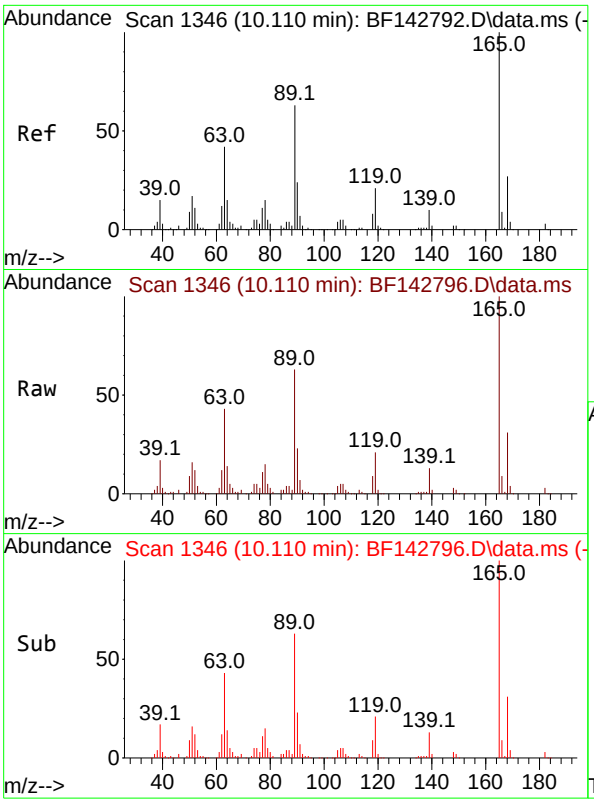


#56
4-Nitrophenol
Concen: 40.556 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:139 Resp: 62127

Ion	Ratio	Lower	Upper
139	100		
109	67.2	44.7	84.7
65	91.8	69.8	109.8



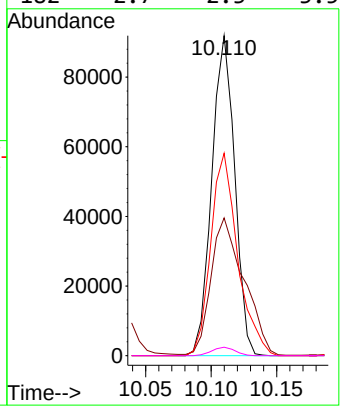


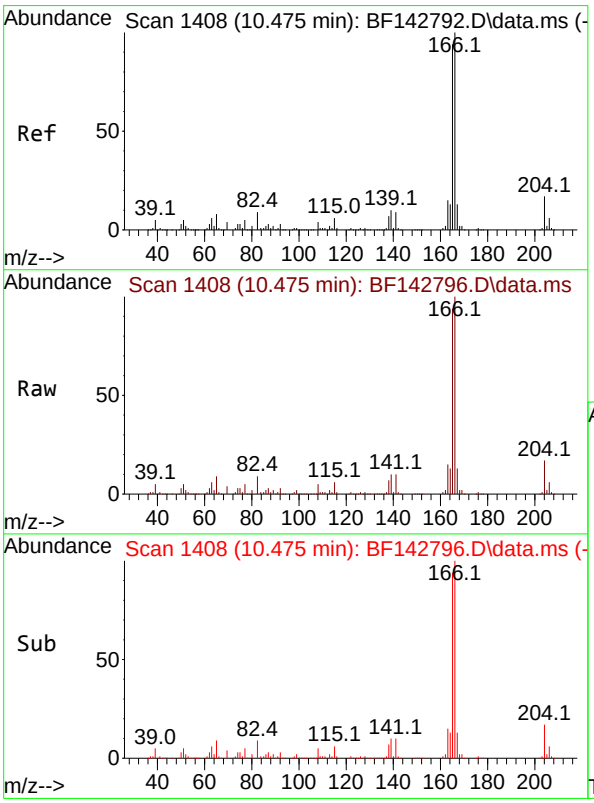
#57
2,4-Dinitrotoluene
Concen: 41.358 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:165 Resp: 111649

Ion	Ratio	Lower	Upper
165	100		
63	43.0	33.9	50.9
89	63.3	50.6	75.8
182	2.7	2.3	3.5

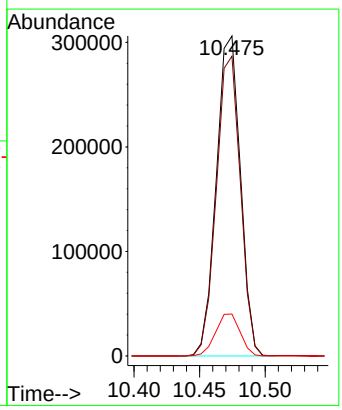


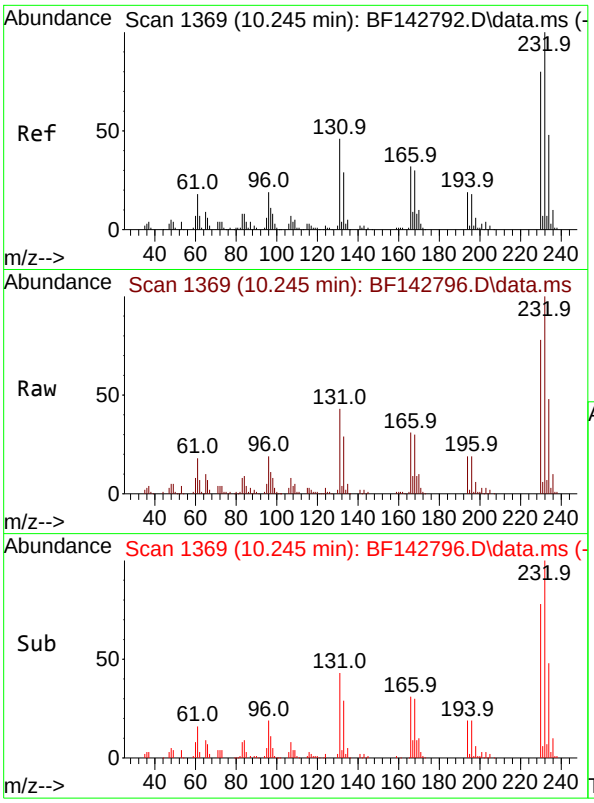


#58
Fluorene
Concen: 41.052 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:166 Resp: 391356

Ion	Ratio	Lower	Upper
166	100		
165	93.7	75.2	112.8
167	13.1	10.6	15.8



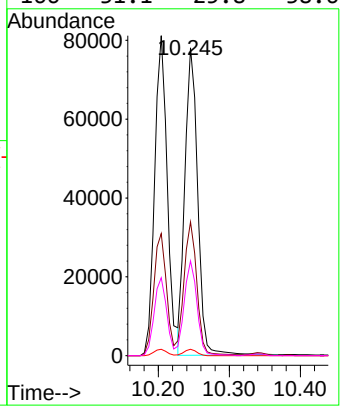


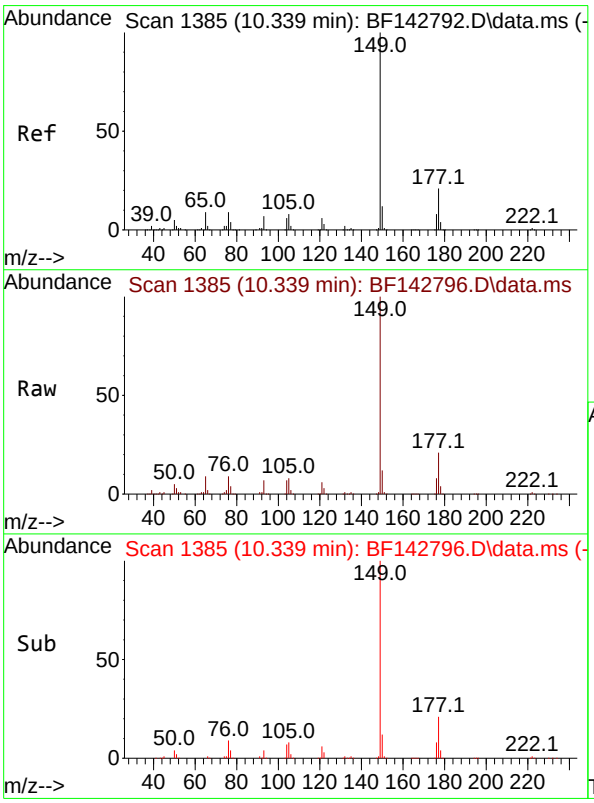
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.857 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:232 Resp: 97630

Ion	Ratio	Lower	Upper
232	100		
131	44.4	37.6	56.4
130	2.1	1.7	2.5
166	31.1	25.8	38.6

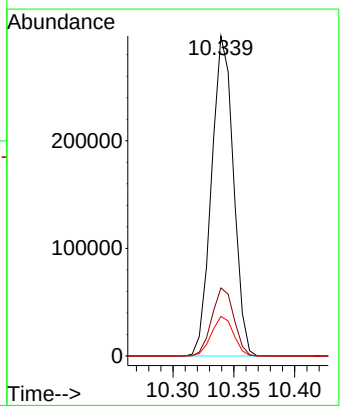


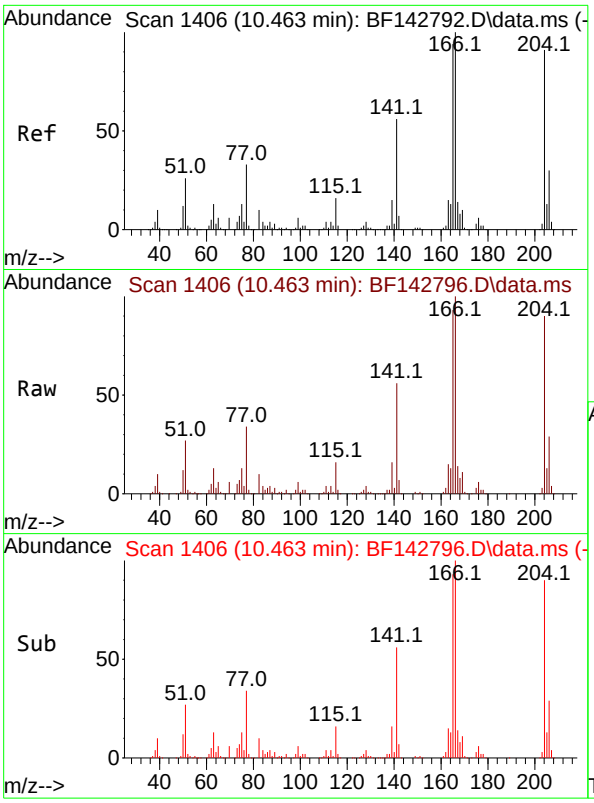


#60
Diethylphthalate
Concen: 40.937 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:149 Resp: 371453

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.0	25.6
150	12.4	9.8	14.6



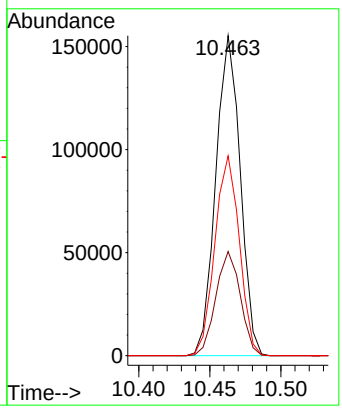


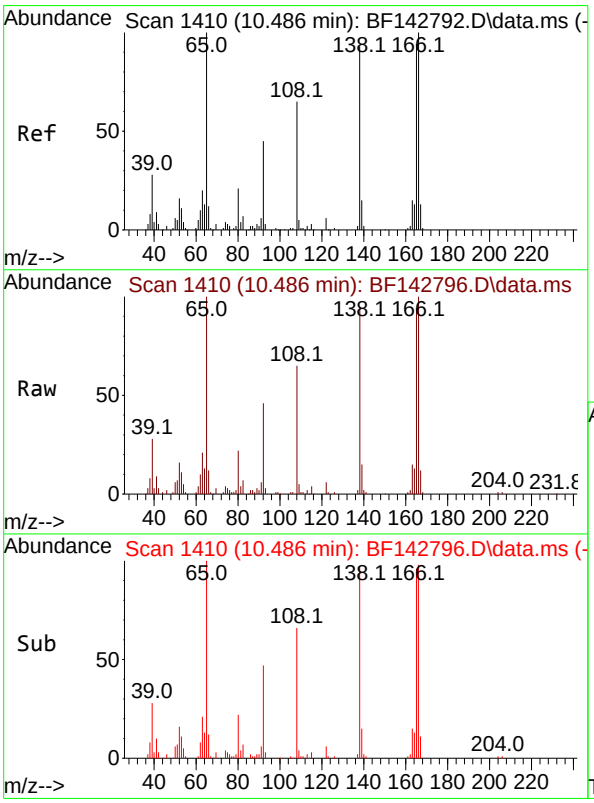
#61
4-Chlorophenyl-phenylether
Concen: 40.862 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:204 Resp: 185884

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	62.5	49.1	73.7

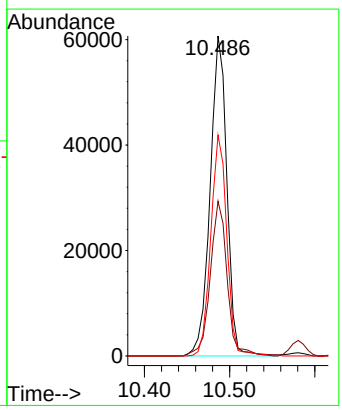


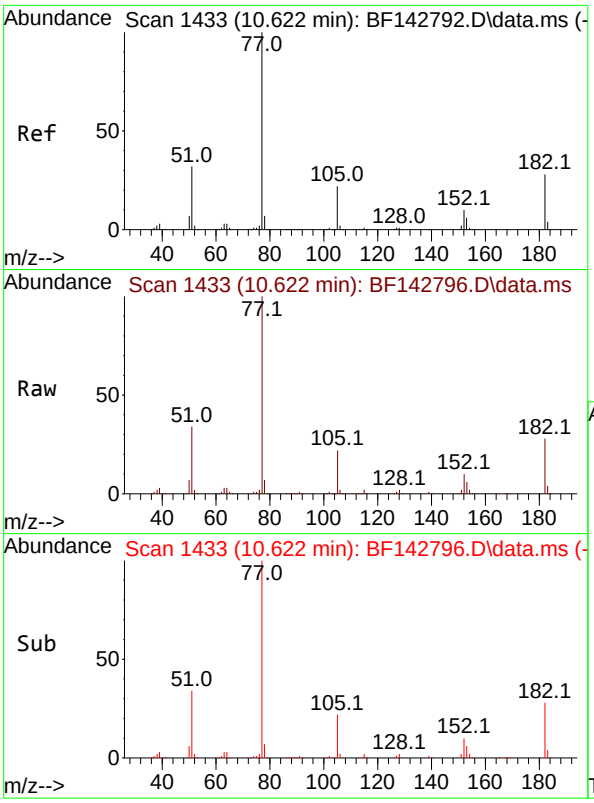


#62
4-Nitroaniline
Concen: 40.628 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:138 Resp: 83143

Ion	Ratio	Lower	Upper
138	100		
92	48.4	28.4	68.4
108	69.0	50.2	90.2



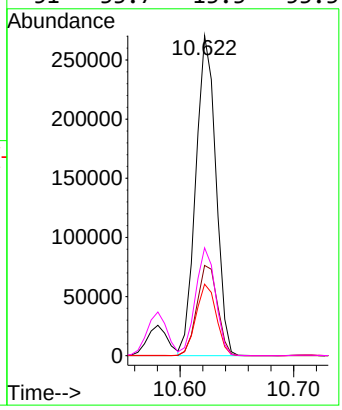


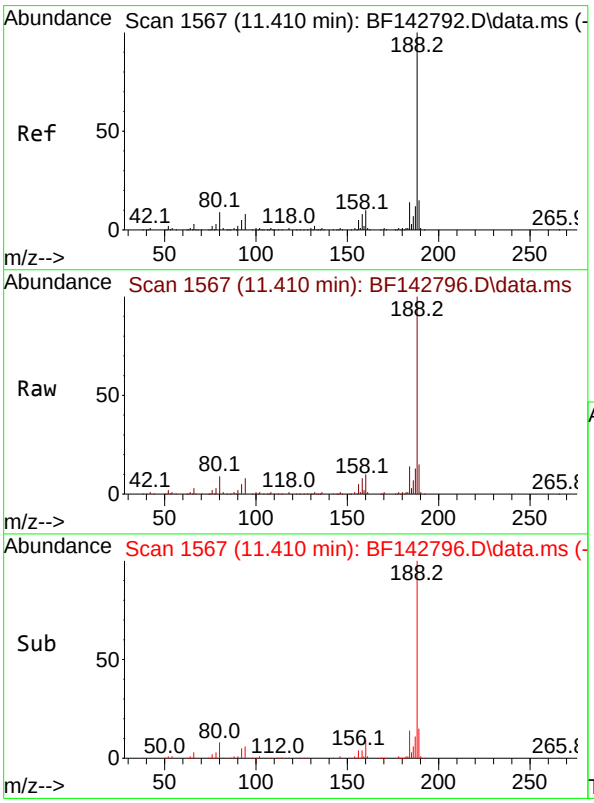
#63
Azobenzene
Concen: 41.025 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion: 77 Resp: 332701

Ion	Ratio	Lower	Upper
77	100		
182	28.2	7.7	47.7
105	22.4	1.9	41.9
51	33.7	13.3	53.3

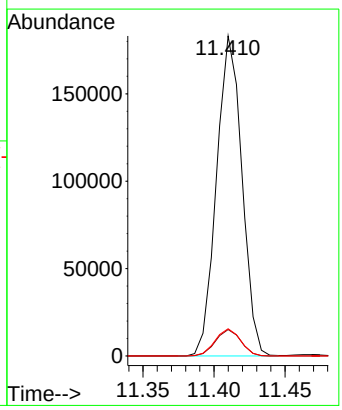


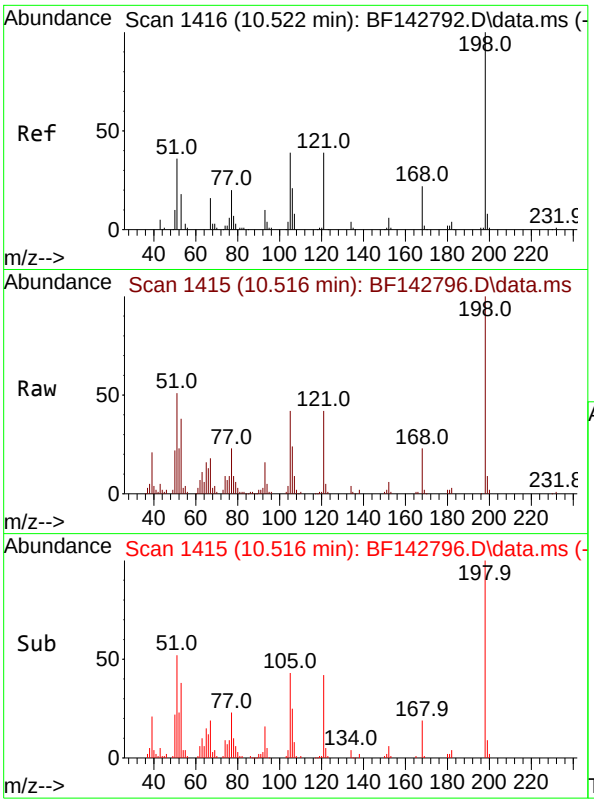


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:188 Resp: 228099

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.5	6.9	10.3



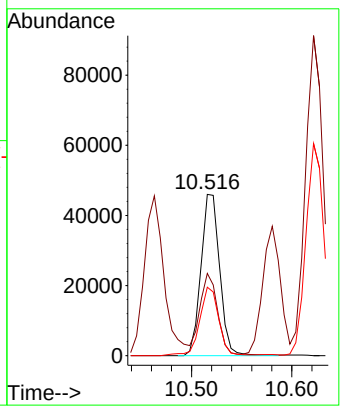


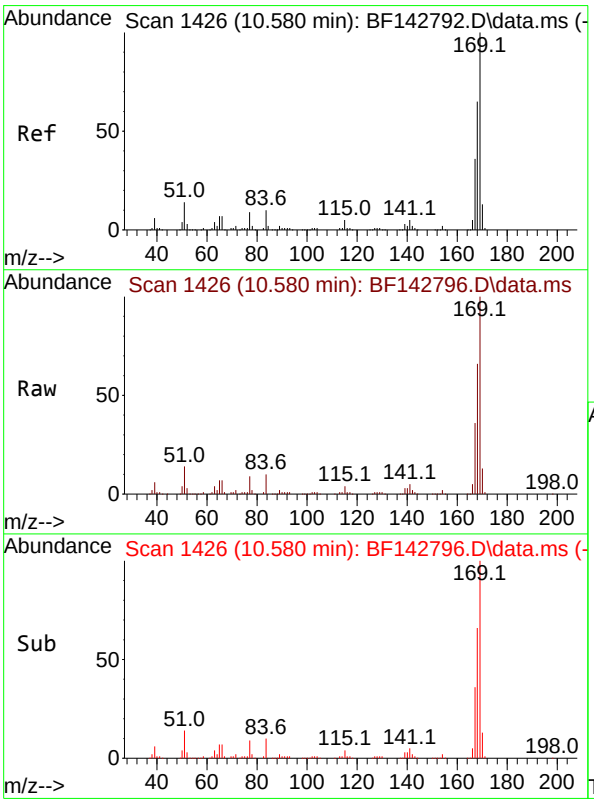
#65
4,6-Dinitro-2-methylphenol
Concen: 43.341 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:198 Resp: 59797

Ion	Ratio	Lower	Upper
198	100		
51	51.0	25.4	65.4
105	42.5	20.4	60.4

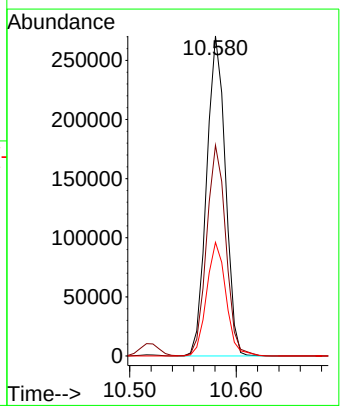


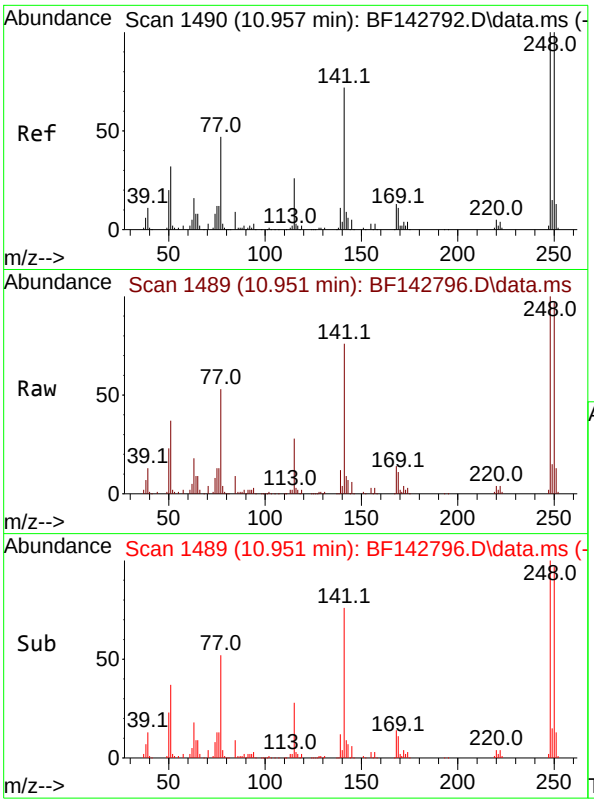


#66
n-Nitrosodiphenylamine
Concen: 41.955 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:169 Resp: 331671

Ion	Ratio	Lower	Upper
169	100		
168	65.8	51.9	77.9
167	35.5	28.5	42.7



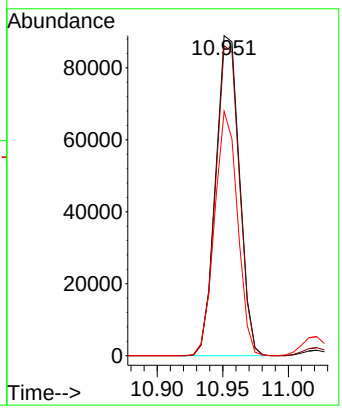


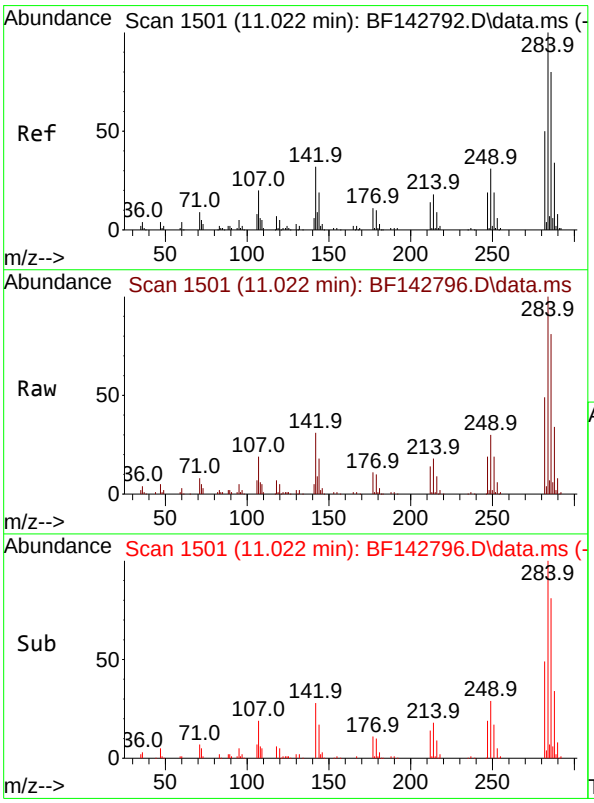
#67
4-Bromophenyl-phenylether
Concen: 43.376 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:248 Resp: 112604

Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.8	119.8
141	76.3	57.8	86.6

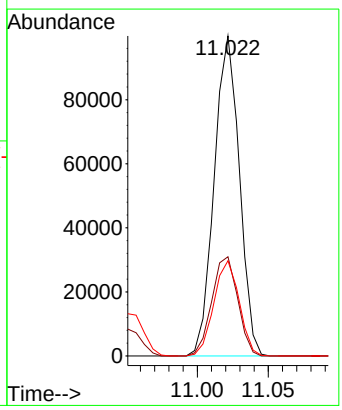


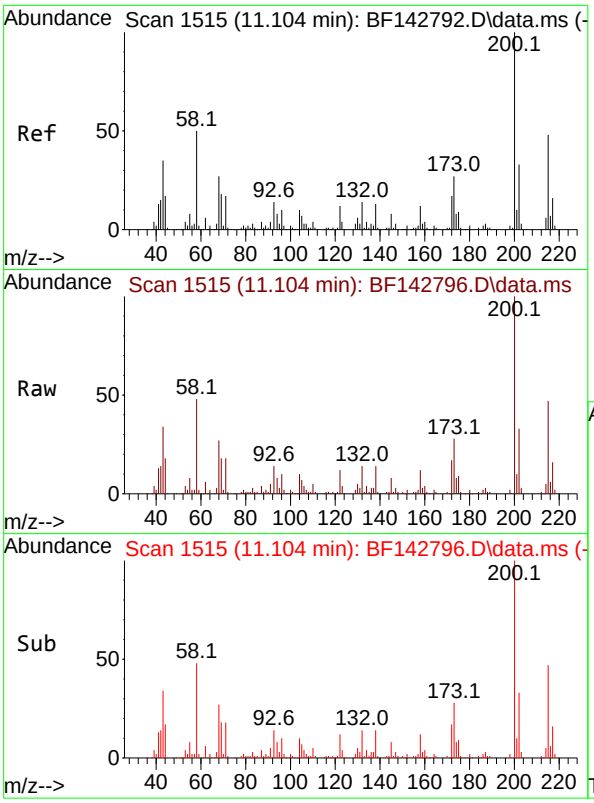


#68
Hexachlorobenzene
Concen: 42.632 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:284 Resp: 122976

Ion	Ratio	Lower	Upper
284	100		
142	31.0	25.5	38.3
249	29.8	24.9	37.3



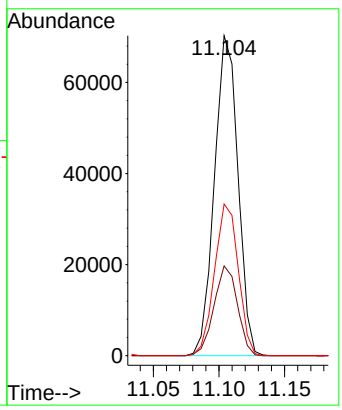


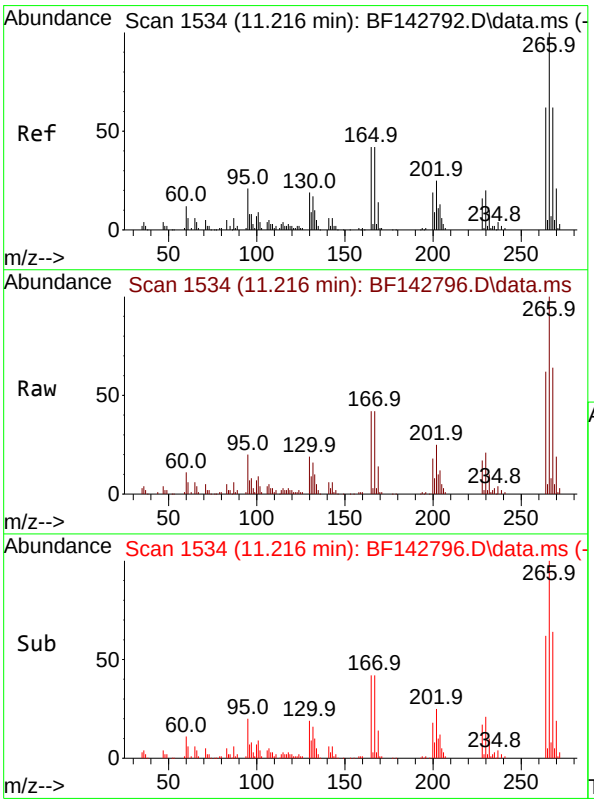
#69
Atrazine
Concen: 42.840 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:200 Resp: 87455

Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.4	47.4
215	47.4	28.4	68.4

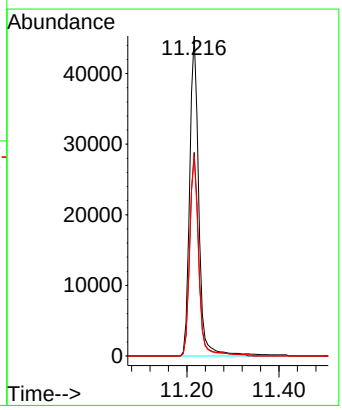


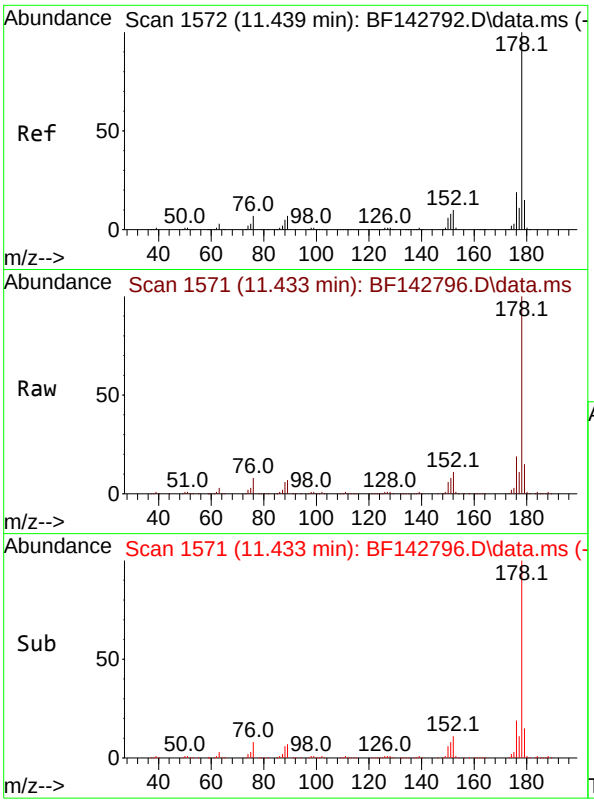


#70
Pentachlorophenol
Concen: 43.337 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:266 Resp: 62292

Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.8	74.8
264	62.3	49.9	74.9



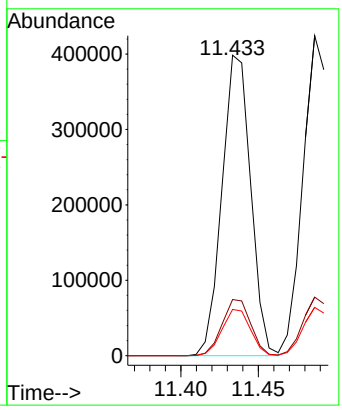


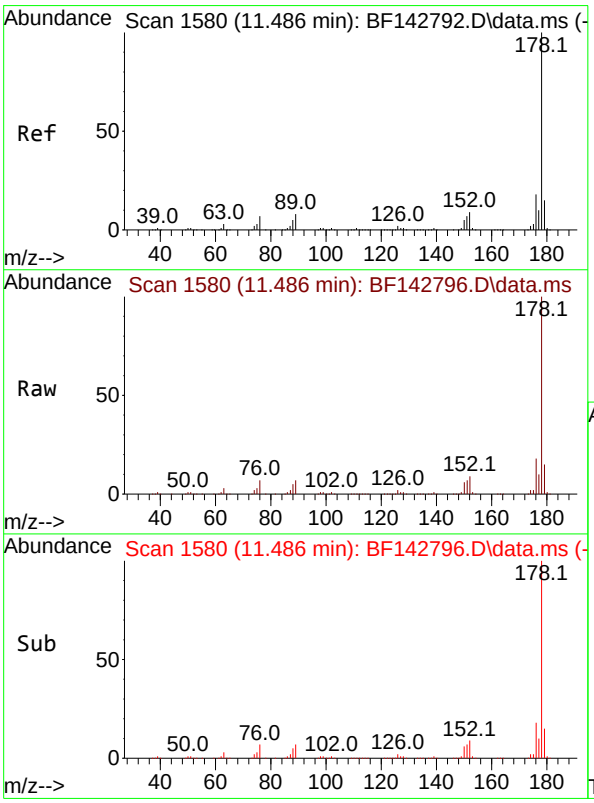
#71
Phenanthrene
Concen: 41.603 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:178 Resp: 514049

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.4	12.0	18.0

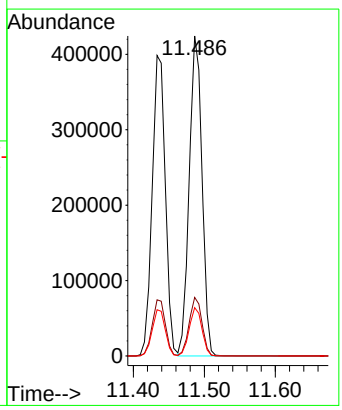


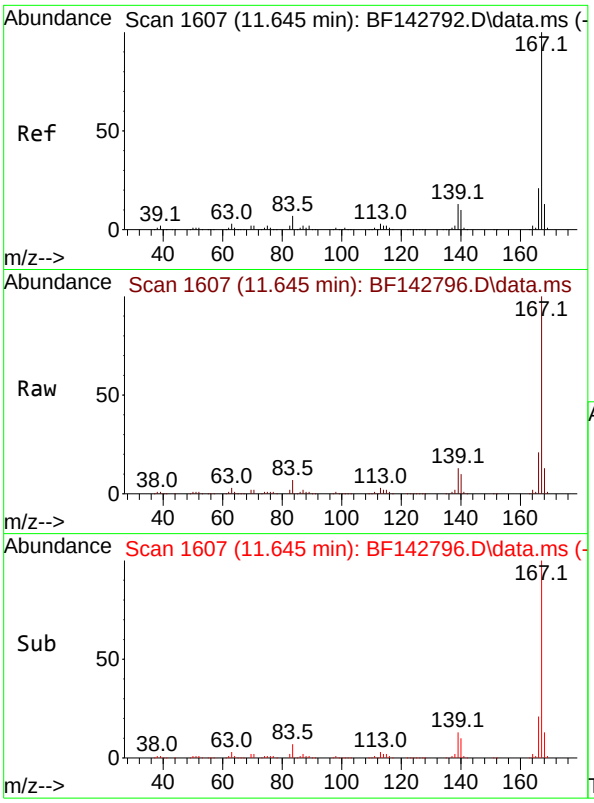


#72
Anthracene
Concen: 42.013 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:178 Resp: 532397

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.1	12.4	18.6



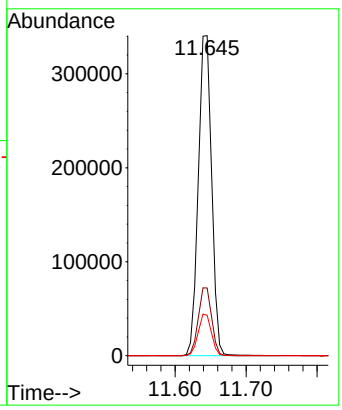


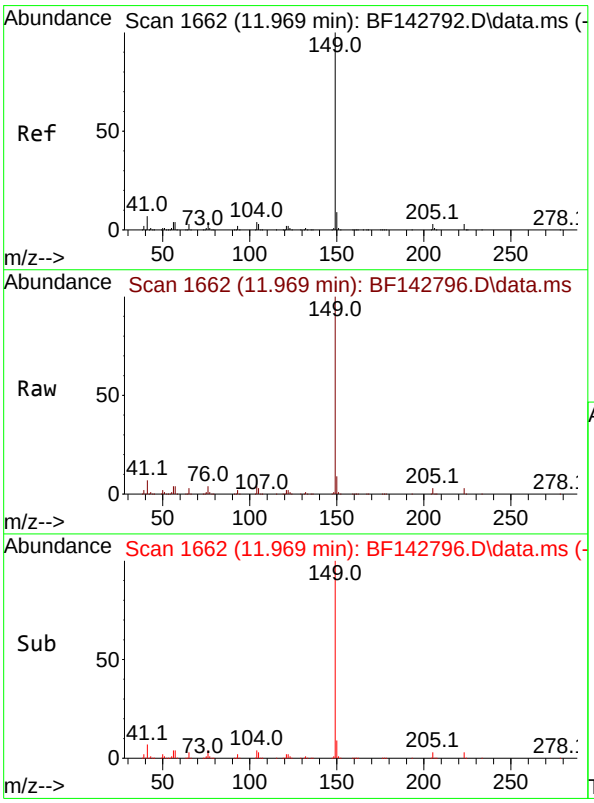
#73
Carbazole
Concen: 40.858 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:167 Resp: 446814

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	12.7	10.2	15.2

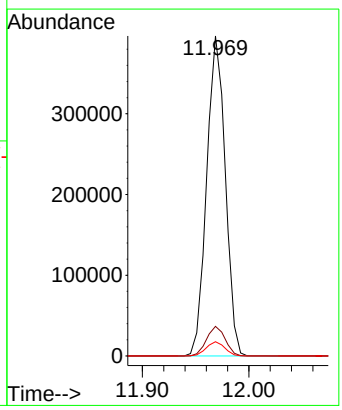


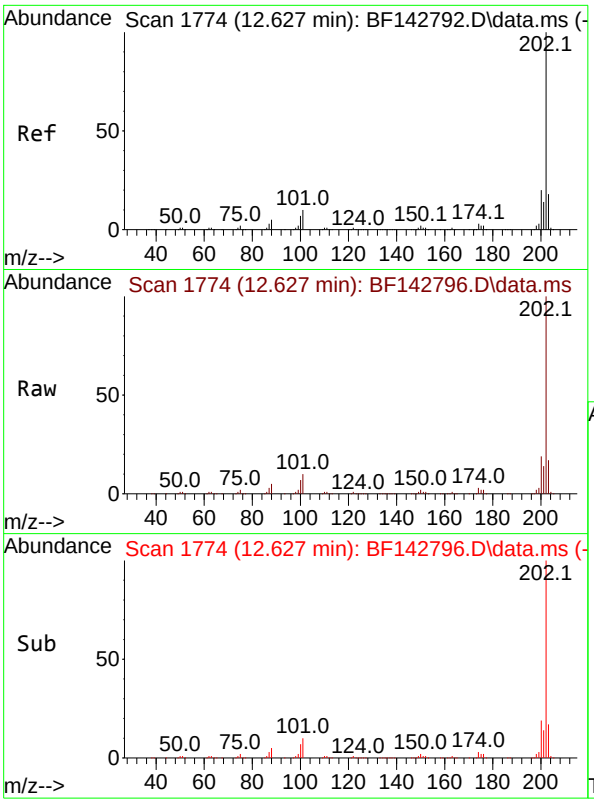


#74
Di-n-butylphthalate
Concen: 42.228 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:149 Resp: 481078

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.5	3.5	5.3



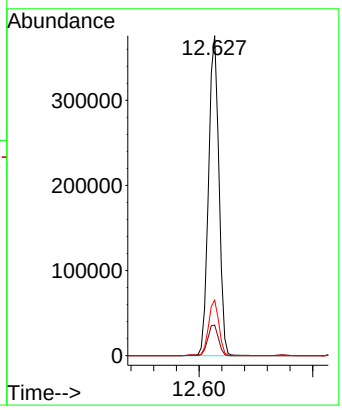


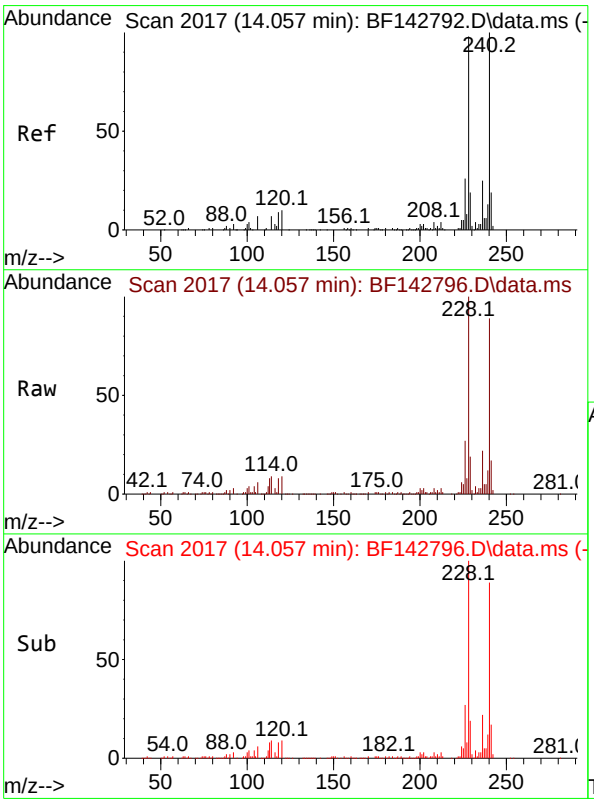
#75
Fluoranthene
Concen: 40.372 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:202 Resp: 473431

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.7
203	17.3	0.0	37.5

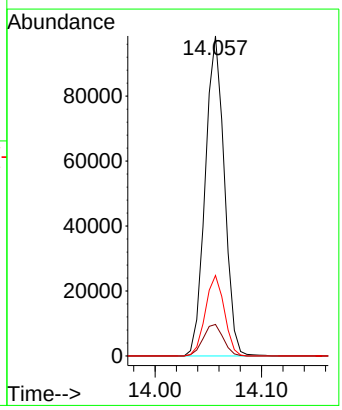


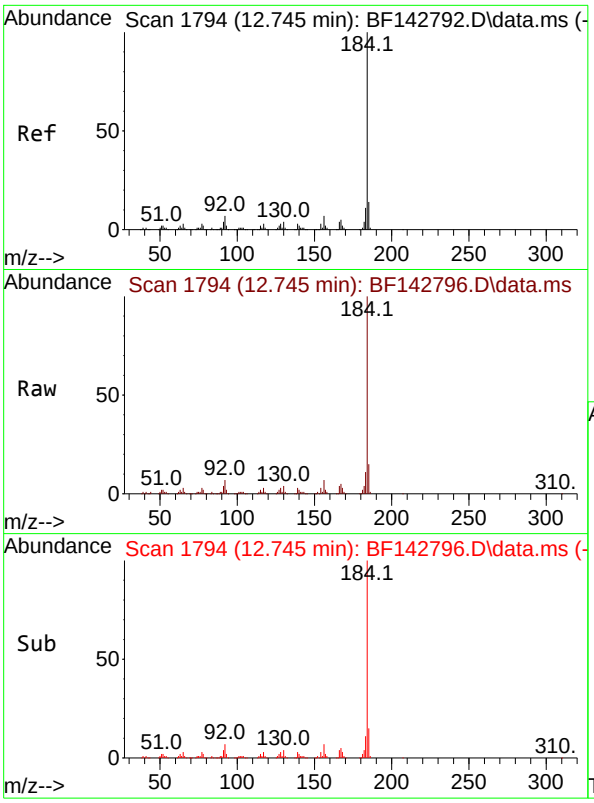


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:240 Resp: 122573

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.2	12.2
236	25.2	19.8	29.8



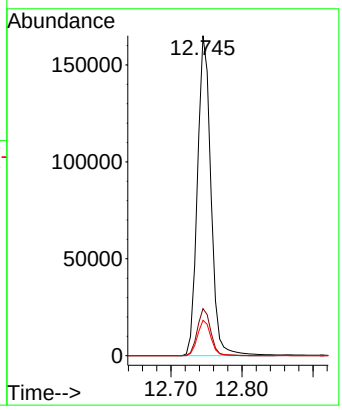


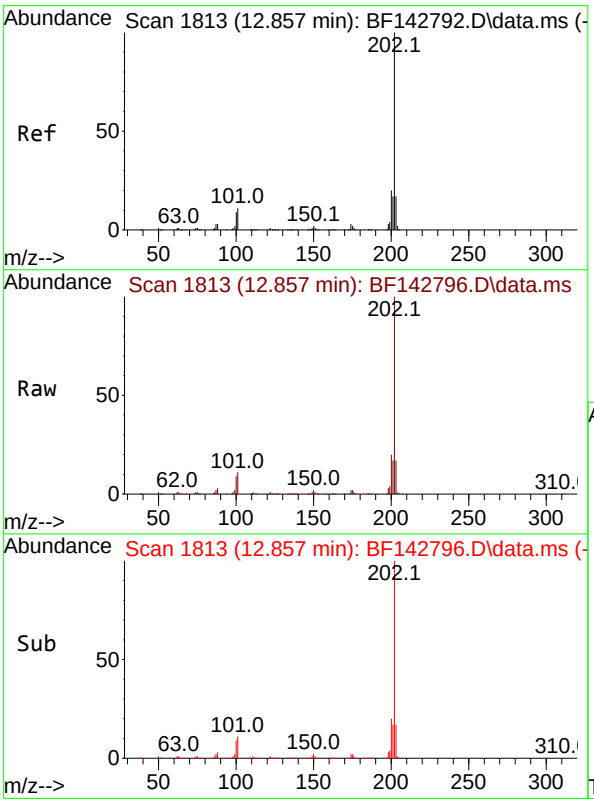
#77
Benzidine
Concen: 47.530 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:184 Resp: 218884

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.5	17.3
183	11.0	9.0	13.4

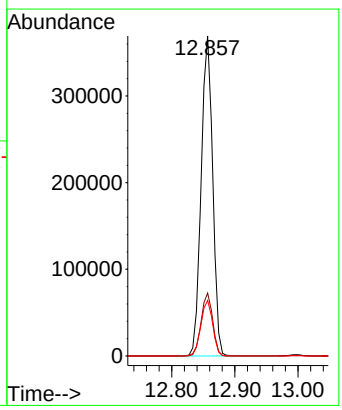


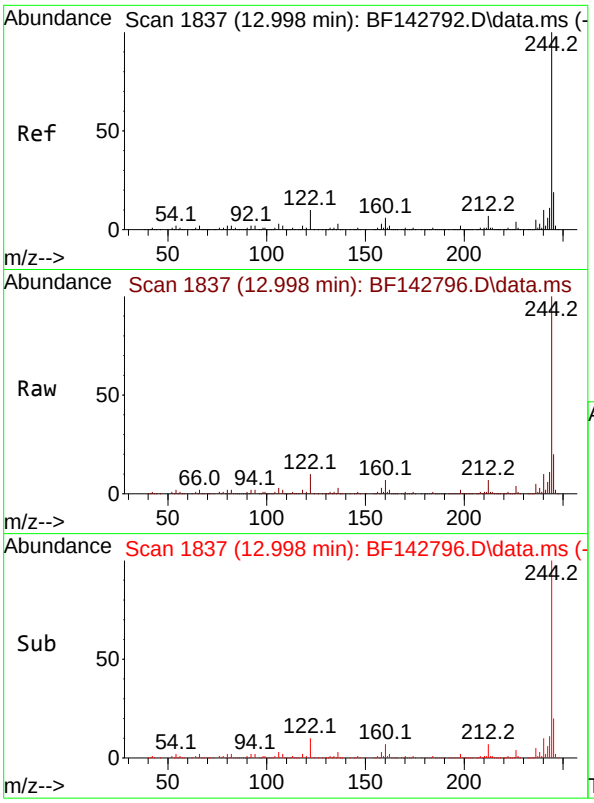


#78
Pyrene
Concen: 40.794 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:202 Resp: 468692

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	17.4	13.8	20.6



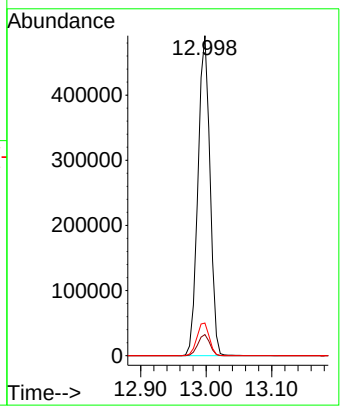


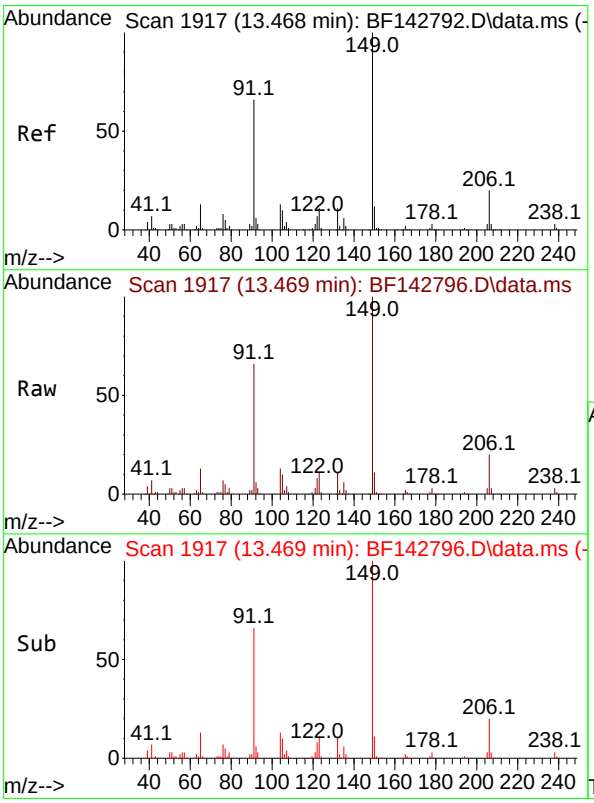
#79
Terphenyl-d14
Concen: 70.839 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:244 Resp: 628420

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.2	8.2	12.2

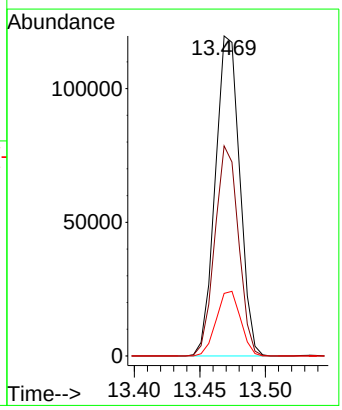


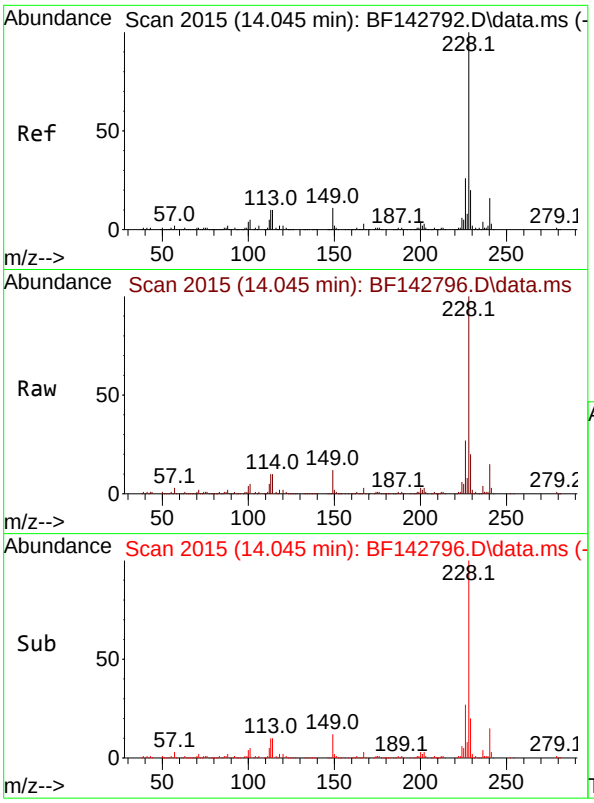


#80
Butylbenzylphthalate
Concen: 46.431 ng
RT: 13.469 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:149 Resp: 154743

Ion	Ratio	Lower	Upper
149	100		
91	65.7	52.9	79.3
206	19.6	16.3	24.5



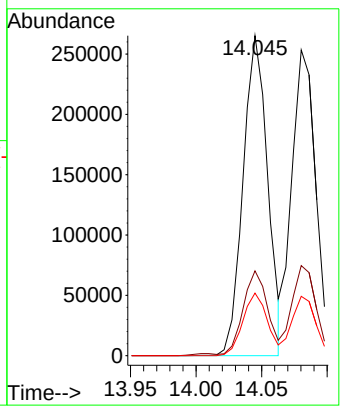


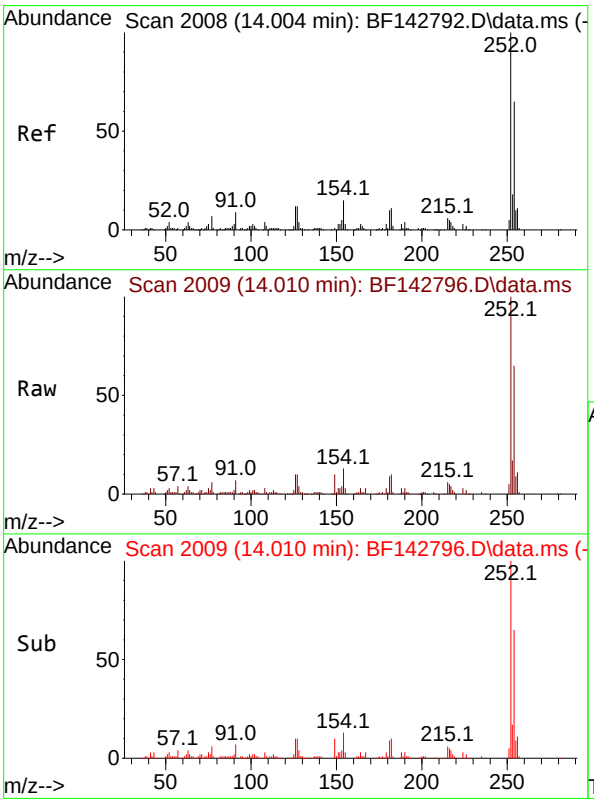
#81
Benzo(a)anthracene
Concen: 41.868 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:228 Resp: 346202

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	19.6	15.6	23.4

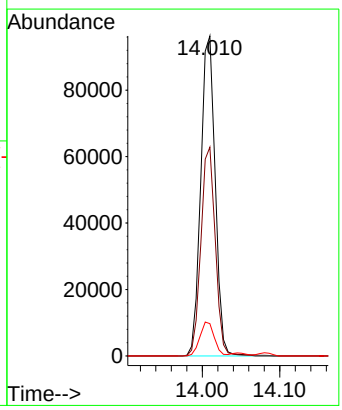


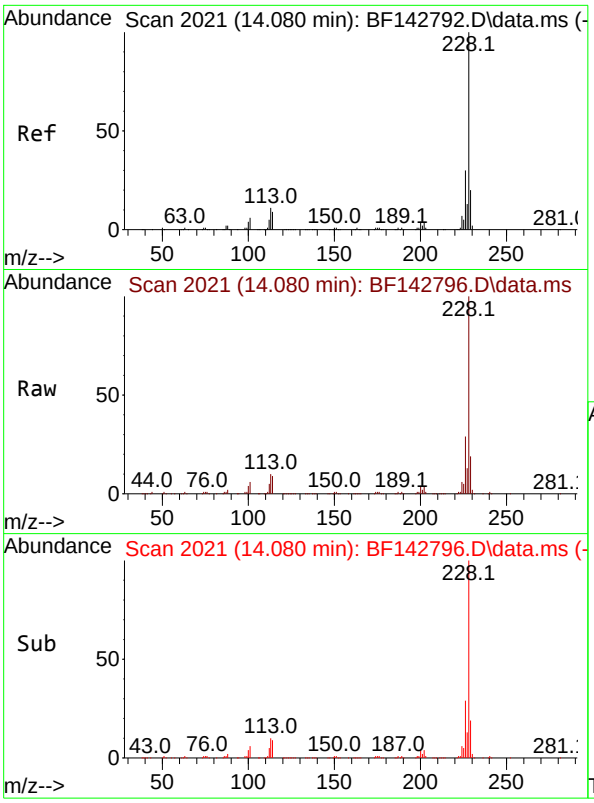


#82
3,3'-Dichlorobenzidine
Concen: 46.521 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:252 Resp: 124771

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.7	77.5
126	10.1	9.4	14.2



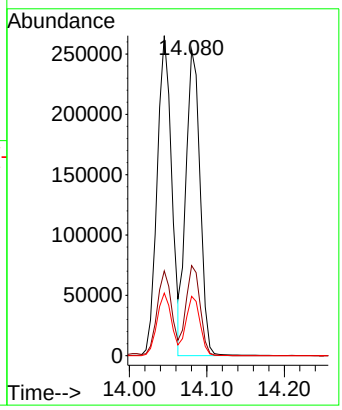


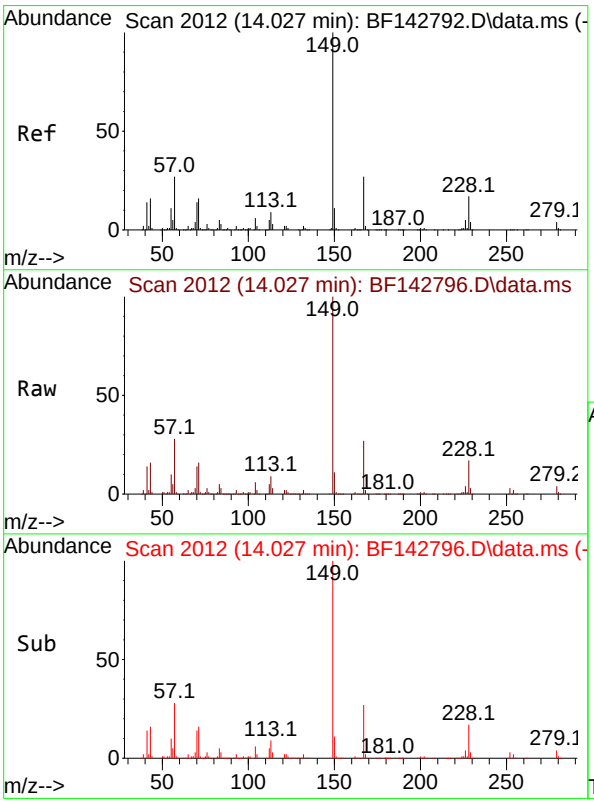
#83
Chrysene
Concen: 43.637 ng
RT: 14.080 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:228 Resp: 321976

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	19.4	15.7	23.5

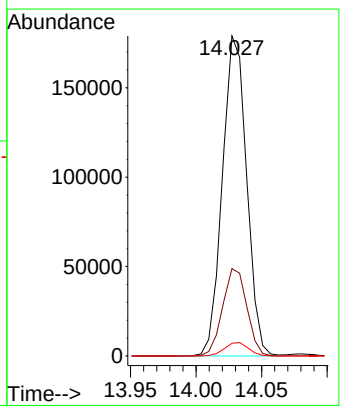


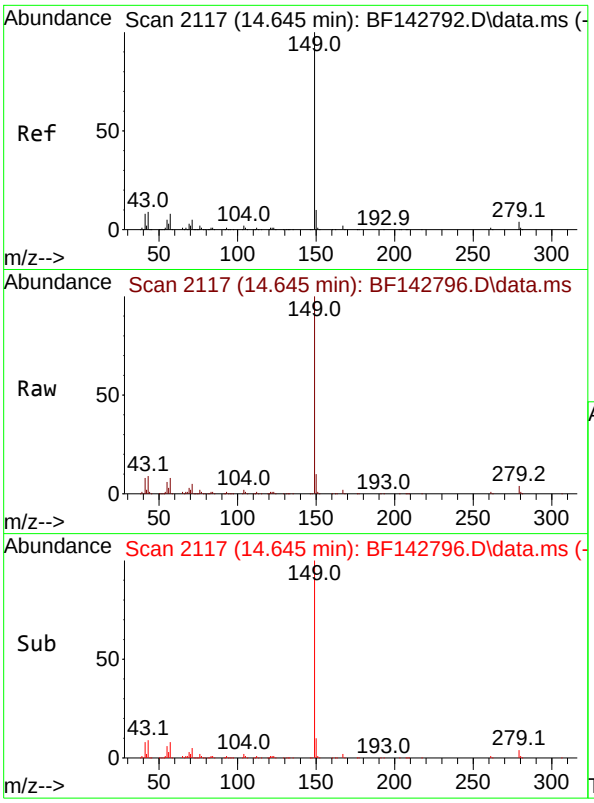


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.976 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:149 Resp: 230046

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.4	32.0
279	4.0	3.0	4.6



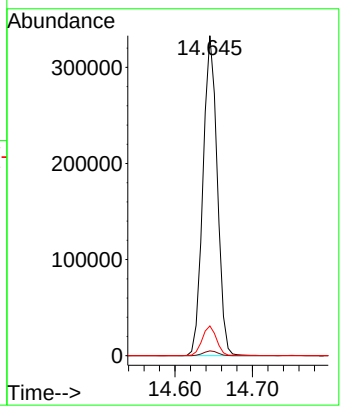


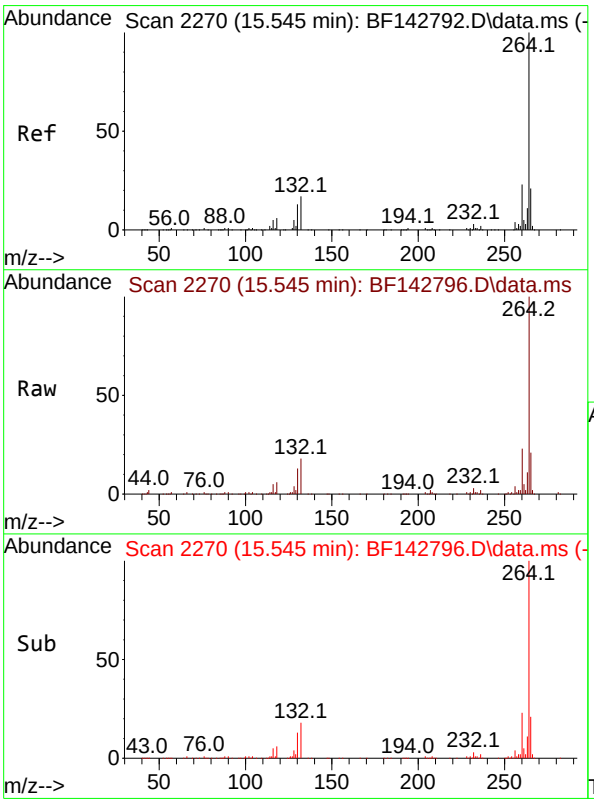
#85
Di-n-octyl phthalate
Concen: 47.026 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:149 Resp: 425193

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.2	7.6	11.4

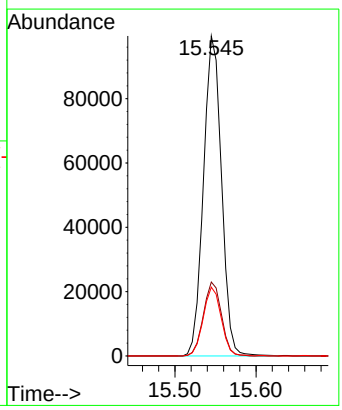


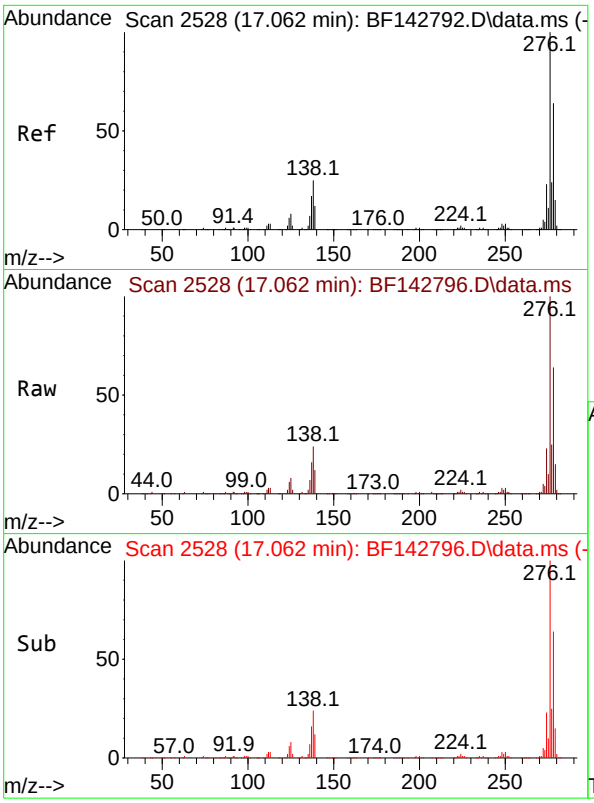


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:264 Resp: 153363

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.1	27.1
265	21.5	16.6	25.0



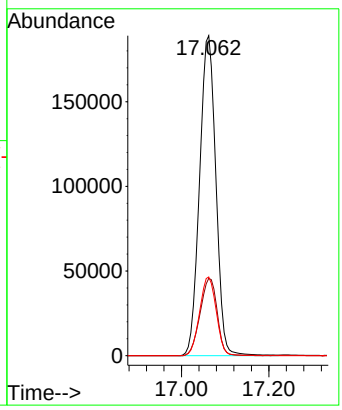


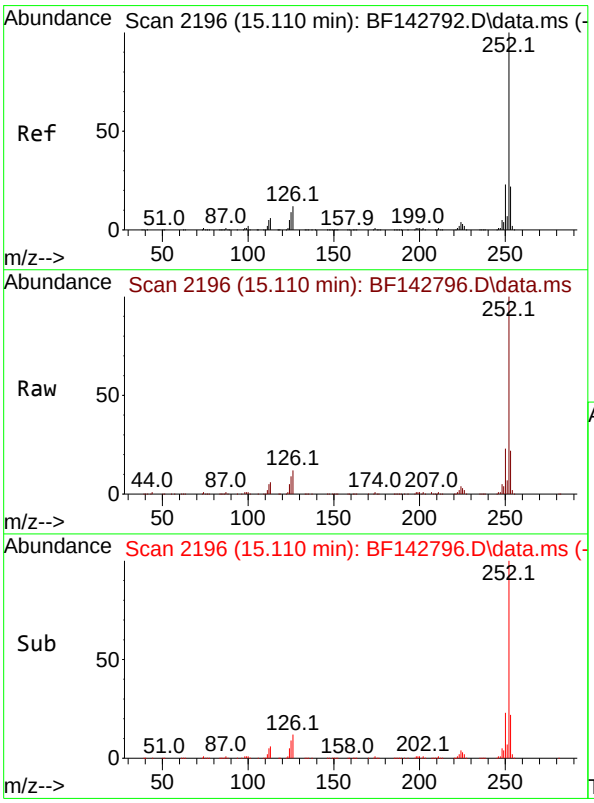
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.060 ng
RT: 17.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:276 Resp: 491326

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.2	30.4
277	25.1	19.8	29.6

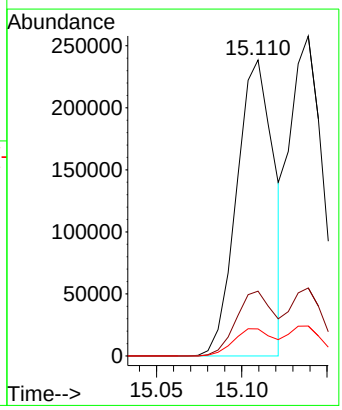


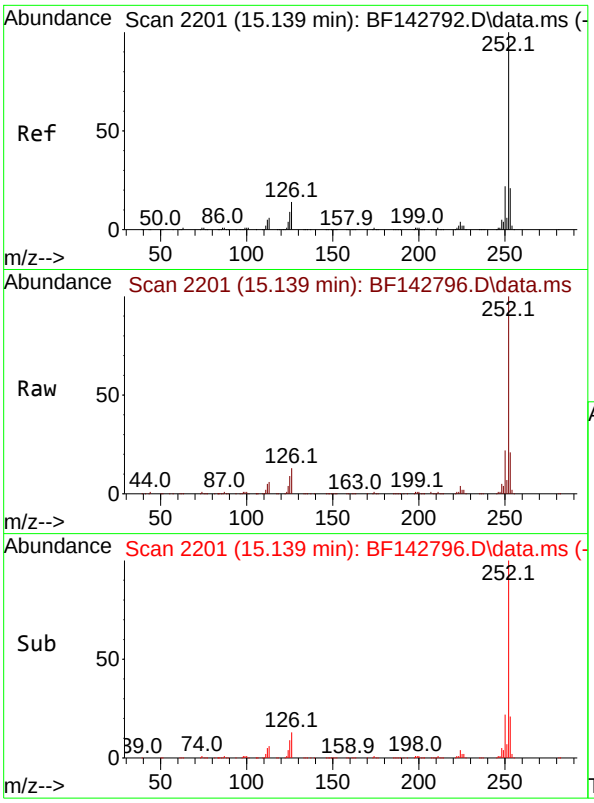


#88
Benzo(b)fluoranthene
Concen: 40.801 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:252 Resp: 362077

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.1	7.4	11.0



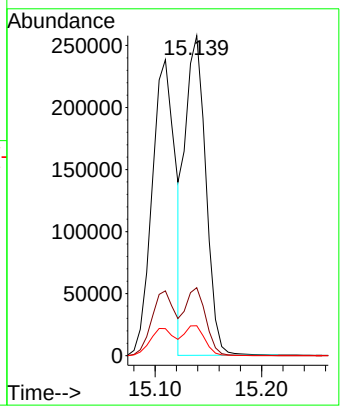


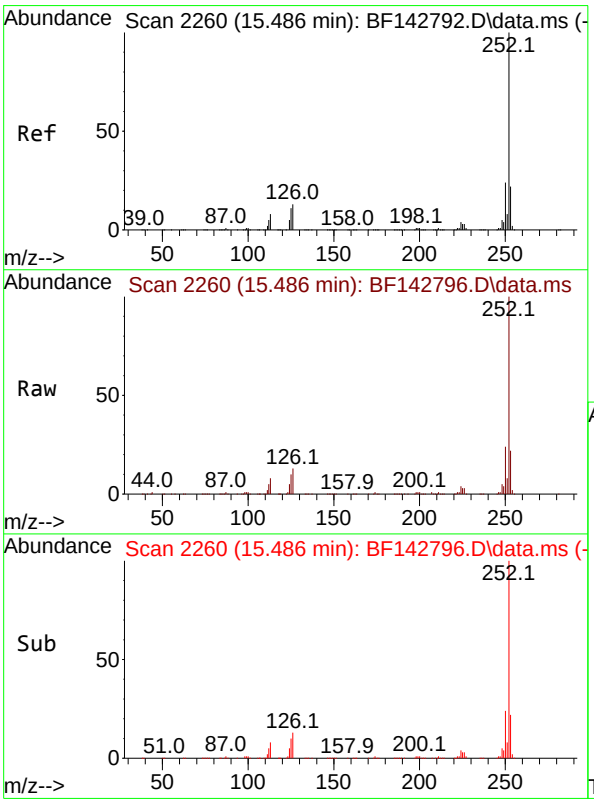
#89
Benzo(k)fluoranthene
Concen: 41.800 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:252 Resp: 347044

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	9.3	7.4	11.2

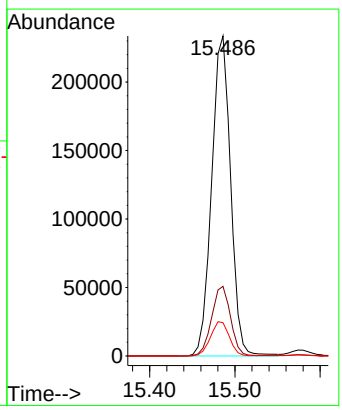


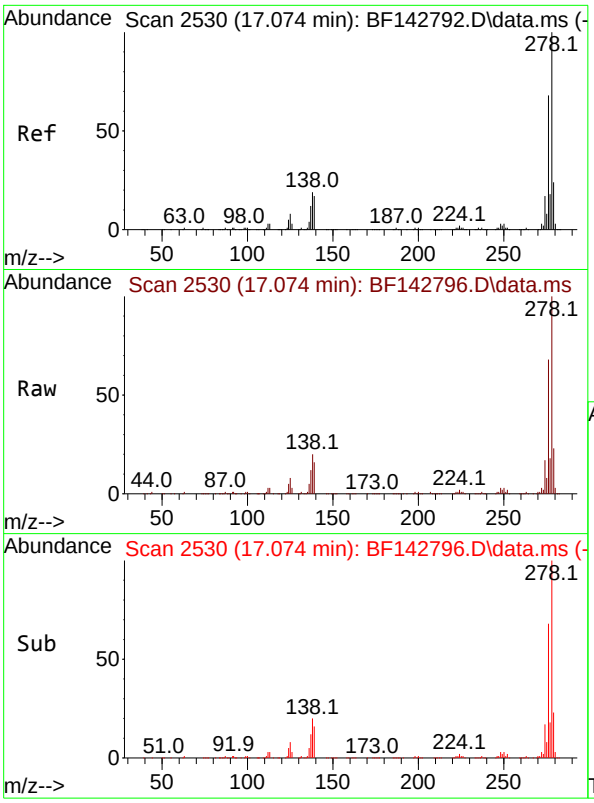


#90
Benzo(a)pyrene
Concen: 42.117 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:252 Resp: 361077

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.4	8.6	12.8



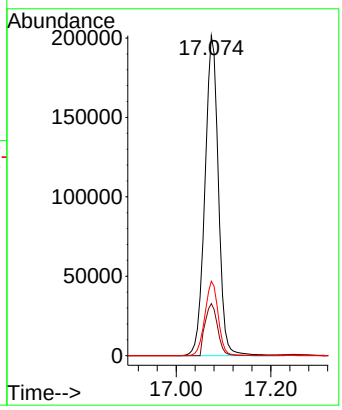


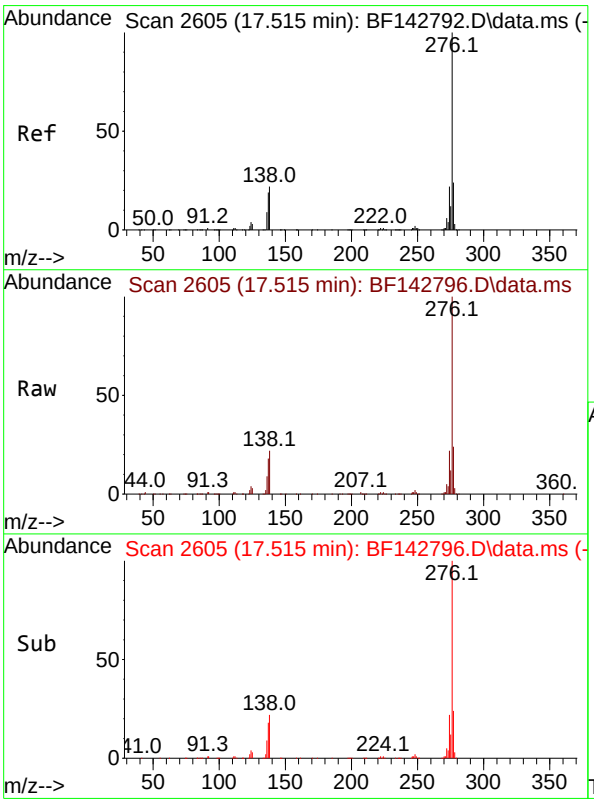
#91
Dibenzo(a,h)anthracene
Concen: 42.069 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:278 Resp: 399293

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.5	20.3
279	23.3	18.8	28.2

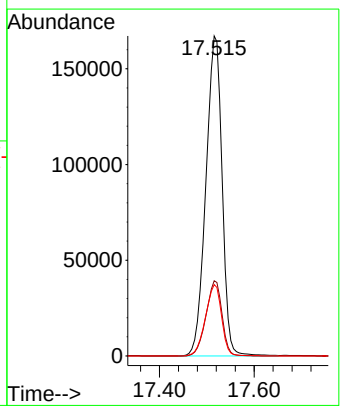




#92
Benzo(g,h,i)perylene
Concen: 42.006 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:276 Resp: 397566

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	22.3	17.6	26.4



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142796.D
Acq On : 19 Jun 2025 21:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Quant Time: Jun 24 15:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	89	0.00
2		1,4-Dioxane	0.480	0.473	1.5	91	0.00
3		Pyridine	1.205	1.248	-3.6	95	0.00
4		n-Nitrosodimethylamine	0.623	0.653	-4.8	97	0.00
5	S	2-Fluorophenol	1.201	1.219	-1.5	94	0.00
6		Aniline	1.886	1.999	-6.0	97	0.00
7	S	Phenol-d6	1.417	1.422	-0.4	94	0.00
8		2-Chlorophenol	1.296	1.362	-5.1	97	0.00
9		Benzaldehyde	0.841	0.999	-18.8	117	0.00
10	C	Phenol	1.575	1.650	-4.8	96	0.00
11		bis(2-Chloroethyl)ether	1.126	1.187	-5.4	98	0.00
12		1,3-Dichlorobenzene	1.449	1.542	-6.4	99	0.00
13	C	1,4-Dichlorobenzene	1.462	1.545	-5.7	97	0.00
14		1,2-Dichlorobenzene	1.387	1.474	-6.3	98	0.00
15		Benzyl Alcohol	1.025	1.079	-5.3	98	0.00
16		2,2'-oxybis(1-Chloropropane	1.809	1.917	-6.0	99	0.00
17		2-Methylphenol	0.982	1.043	-6.2	98	0.00
18		Hexachloroethane	0.511	0.545	-6.7	97	0.00
19	P	n-Nitroso-di-n-propylamine	0.824	0.858	-4.1	97	0.00
20		3+4-Methylphenols	1.224	1.313	-7.3	99	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	89	0.00
22		Acetophenone	0.441	0.468	-6.1	100	0.00
23	S	Nitrobenzene-d5	0.365	0.334	8.5	84	0.00
24		Nitrobenzene	0.330	0.346	-4.8	97	0.00
25		Isophorone	0.585	0.605	-3.4	97	0.00
26	C	2-Nitrophenol	0.180	0.194	-7.8	97	0.00
27		2,4-Dimethylphenol	0.311	0.328	-5.5	98	0.00
28		bis(2-Chloroethoxy)methane	0.372	0.390	-4.8	98	0.00
29	C	2,4-Dichlorophenol	0.282	0.298	-5.7	97	0.00
30		1,2,4-Trichlorobenzene	0.310	0.327	-5.5	98	0.00
31		Naphthalene	0.979	1.033	-5.5	99	0.00
32		Benzoic acid	0.159	0.181	-13.8	103	0.00
33		4-Chloroaniline	0.398	0.416	-4.5	98	0.00
34	C	Hexachlorobutadiene	0.190	0.203	-6.8	98	0.00
35		Caprolactam	0.075	0.076	-1.3	95	0.00
36	C	4-Chloro-3-methylphenol	0.281	0.294	-4.6	97	0.00
37		2-Methylnaphthalene	0.607	0.633	-4.3	97	0.00
38		1-Methylnaphthalene	0.628	0.653	-4.0	97	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	88	0.00
40		1,2,4,5-Tetrachlorobenzene	0.590	0.638	-8.1	101	0.00
41	P	Hexachlorocyclopentadiene	0.335	0.380	-13.4	100	0.00
42	S	2,4,6-Tribromophenol	0.206	0.206	0.0	91	0.00
43	C	2,4,6-Trichlorophenol	0.385	0.409	-6.2	99	0.00
44		2,4,5-Trichlorophenol	0.405	0.436	-7.7	98	0.00
45	S	2-Fluorobiphenyl	1.522	1.373	9.8	85	0.00
46		1,1'-Biphenyl	1.580	1.665	-5.4	98	0.00
47		2-Chloronaphthalene	1.186	1.239	-4.5	97	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142796.D
Acq On : 19 Jun 2025 21:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Quant Time: Jun 24 15:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	0.332	0.347	-4.5	94	0.00
49		Acenaphthylene	1.952	2.029	-3.9	96	0.00
50		Dimethylphthalate	1.295	1.334	-3.0	96	0.00
51		2,6-Dinitrotoluene	0.284	0.294	-3.5	94	0.00
52	C	Acenaphthene	1.191	1.245	-4.5	96	0.00
53		3-Nitroaniline	0.313	0.325	-3.8	95	0.00
54	P	2,4-Dinitrophenol	0.142	0.156	-9.9	97	0.00
55		Dibenzofuran	1.708	1.757	-2.9	95	0.00
56	P	4-Nitrophenol	0.214	0.217	-1.4	92	0.00
57		2,4-Dinitrotoluene	0.378	0.390	-3.2	94	0.00
58		Fluorene	1.334	1.369	-2.6	96	0.00
59		2,3,4,6-Tetrachlorophenol	0.326	0.341	-4.6	97	0.00
60		Diethylphthalate	1.269	1.299	-2.4	95	0.00
61		4-Chlorophenyl-phenylether	0.636	0.650	-2.2	96	0.00
62		4-Nitroaniline	0.286	0.291	-1.7	94	0.00
63		Azobenzene	1.134	1.164	-2.6	95	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	87	0.00
65		4,6-Dinitro-2-methylphenol	0.121	0.131	-8.3	95	0.00
66	c	n-Nitrosodiphenylamine	0.693	0.727	-4.9	94	0.00
67		4-Bromophenyl-phenylether	0.228	0.247	-8.3	98	0.00
68		Hexachlorobenzene	0.253	0.270	-6.7	97	0.00
69		Atrazine	0.179	0.192	-7.3	96	0.00
70	C	Pentachlorophenol	0.126	0.137	-8.7	94	0.00
71		Phenanthrene	1.083	1.127	-4.1	95	0.00
72		Anthracene	1.111	1.167	-5.0	95	0.00
73		Carbazole	0.959	0.979	-2.1	94	0.00
74		Di-n-butylphthalate	0.999	1.055	-5.6	97	0.00
75	C	Fluoranthene	1.028	1.038	-1.0	94	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	86	0.00
77		Benzidine	0.751	0.893	-18.9	99	0.00
78		Pyrene	1.875	1.912	-2.0	94	0.00
79	S	Terphenyl-d14	1.447	1.282	11.4	83	0.00
80		Butylbenzylphthalate	0.544	0.631	-16.0	99	0.00
81		Benzo(a)anthracene	1.349	1.412	-4.7	96	0.00
82		3,3'-Dichlorobenzidine	0.438	0.509	-16.2	102	0.00
83		Chrysene	1.204	1.313	-9.1	97	0.00
84		Bis(2-ethylhexyl)phthalate	0.782	0.938	-19.9	100	0.00
85	c	Di-n-octyl phthalate	1.475	1.734	-17.6	102	0.00
86	I	Perylene-d12	1.000	1.000	0.0	90	0.00
87		Indeno(1,2,3-cd)pyrene	1.523	1.602	-5.2	98	0.00
88		Benzo(b)fluoranthene	1.157	1.180	-2.0	99	0.00
89		Benzo(k)fluoranthene	1.083	1.131	-4.4	98	0.00
90	C	Benzo(a)pyrene	1.118	1.177	-5.3	99	0.00
91		Dibenzo(a,h)anthracene	1.238	1.302	-5.2	99	0.00
92		Benzo(g,h,i)perylene	1.234	1.296	-5.0	98	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142796.D
Acq On : 19 Jun 2025 21:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Quant Time: Jun 24 15:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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_F\Data\BF061925\
Data File : BF142796.D
Acq On : 19 Jun 2025 21:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Quant Time: Jun 24 15:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	89	0.00
2		1,4-Dioxane	40.000	39.357	1.6	91	0.00
3		Pyridine	40.000	41.446	-3.6	95	0.00
4		n-Nitrosodimethylamine	40.000	41.912	-4.8	97	0.00
5	S	2-Fluorophenol	80.000	81.192	-1.5	94	0.00
6		Aniline	40.000	42.392	-6.0	97	0.00
7	S	Phenol-d6	80.000	80.262	-0.3	94	0.00
8		2-Chlorophenol	40.000	42.036	-5.1	97	0.00
9		Benzaldehyde	40.000	47.511	-18.8	117	0.00
10	C	Phenol	40.000	41.901	-4.8	96	0.00
11		bis(2-Chloroethyl)ether	40.000	42.157	-5.4	98	0.00
12		1,3-Dichlorobenzene	40.000	42.568	-6.4	99	0.00
13	C	1,4-Dichlorobenzene	40.000	42.268	-5.7	97	0.00
14		1,2-Dichlorobenzene	40.000	42.520	-6.3	98	0.00
15		Benzyl Alcohol	40.000	42.114	-5.3	98	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	42.379	-5.9	99	0.00
17		2-Methylphenol	40.000	42.485	-6.2	98	0.00
18		Hexachloroethane	40.000	42.589	-6.5	97	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.640	-4.1	97	0.00
20		3+4-Methylphenols	40.000	42.904	-7.3	99	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	89	0.00
22		Acetophenone	40.000	42.478	-6.2	100	0.00
23	S	Nitrobenzene-d5	80.000	73.334	8.3	84	0.00
24		Nitrobenzene	40.000	41.968	-4.9	97	0.00
25		Isophorone	40.000	41.403	-3.5	97	0.00
26	C	2-Nitrophenol	40.000	43.224	-8.1	97	0.00
27		2,4-Dimethylphenol	40.000	42.168	-5.4	98	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.960	-4.9	98	0.00
29	C	2,4-Dichlorophenol	40.000	42.196	-5.5	97	0.00
30		1,2,4-Trichlorobenzene	40.000	42.177	-5.4	98	0.00
31		Naphthalene	40.000	42.218	-5.5	99	0.00
32		Benzoic acid	40.000	45.685	-14.2	103	0.00
33		4-Chloroaniline	40.000	41.766	-4.4	98	0.00
34	C	Hexachlorobutadiene	40.000	42.657	-6.6	98	0.00
35		Caprolactam	40.000	40.928	-2.3	95	0.00
36	C	4-Chloro-3-methylphenol	40.000	41.890	-4.7	97	0.00
37		2-Methylnaphthalene	40.000	41.730	-4.3	97	0.00
38		1-Methylnaphthalene	40.000	41.554	-3.9	97	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	88	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	43.233	-8.1	101	0.00
41	P	Hexachlorocyclopentadiene	40.000	45.361	-13.4	100	0.00
42	S	2,4,6-Tribromophenol	80.000	80.065	-0.1	91	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.543	-6.4	99	0.00
44		2,4,5-Trichlorophenol	40.000	43.045	-7.6	98	0.00
45	S	2-Fluorobiphenyl	80.000	72.171	9.8	85	0.00
46		1,1'-Biphenyl	40.000	42.159	-5.4	98	0.00
47		2-Chloronaphthalene	40.000	41.817	-4.5	97	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142796.D
Acq On : 19 Jun 2025 21:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Quant Time: Jun 24 15:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	41.724	-4.3	94	0.00
49		Acenaphthylene	40.000	41.586	-4.0	96	0.00
50		Dimethylphthalate	40.000	41.232	-3.1	96	0.00
51		2,6-Dinitrotoluene	40.000	41.386	-3.5	94	0.00
52	C	Acenaphthene	40.000	41.825	-4.6	96	0.00
53		3-Nitroaniline	40.000	41.512	-3.8	95	0.00
54	P	2,4-Dinitrophenol	40.000	43.742	-9.4	97	0.00
55		Dibenzofuran	40.000	41.150	-2.9	95	0.00
56	P	4-Nitrophenol	40.000	40.556	-1.4	92	0.00
57		2,4-Dinitrotoluene	40.000	41.358	-3.4	94	0.00
58		Fluorene	40.000	41.052	-2.6	96	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.857	-4.6	97	0.00
60		Diethylphthalate	40.000	40.937	-2.3	95	0.00
61		4-Chlorophenyl-phenylether	40.000	40.862	-2.2	96	0.00
62		4-Nitroaniline	40.000	40.628	-1.6	94	0.00
63		Azobenzene	40.000	41.025	-2.6	95	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	87	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.341	-8.4	95	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.955	-4.9	94	0.00
67		4-Bromophenyl-phenylether	40.000	43.376	-8.4	98	0.00
68		Hexachlorobenzene	40.000	42.632	-6.6	97	0.00
69		Atrazine	40.000	42.840	-7.1	96	0.00
70	C	Pentachlorophenol	40.000	43.337	-8.3	94	0.00
71		Phenanthrene	40.000	41.603	-4.0	95	0.00
72		Anthracene	40.000	42.013	-5.0	95	0.00
73		Carbazole	40.000	40.858	-2.1	94	0.00
74		Di-n-butylphthalate	40.000	42.228	-5.6	97	0.00
75	C	Fluoranthene	40.000	40.372	-0.9	94	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	86	0.00
77		Benzidine	40.000	47.530	-18.8	99	0.00
78		Pyrene	40.000	40.794	-2.0	94	0.00
79	S	Terphenyl-d14	80.000	70.839	11.5	83	0.00
80		Butylbenzylphthalate	40.000	46.431	-16.1	99	0.00
81		Benzo(a)anthracene	40.000	41.868	-4.7	96	0.00
82		3,3'-Dichlorobenzidine	40.000	46.521	-16.3	102	0.00
83		Chrysene	40.000	43.637	-9.1	97	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	47.976	-19.9	100	0.00
85	c	Di-n-octyl phthalate	40.000	47.026	-17.6	102	0.00
86	I	Perylene-d12	20.000	20.000	0.0	90	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.060	-5.2	98	0.00
88		Benzo(b)fluoranthene	40.000	40.801	-2.0	99	0.00
89		Benzo(k)fluoranthene	40.000	41.800	-4.5	98	0.00
90	C	Benzo(a)pyrene	40.000	42.117	-5.3	99	0.00
91		Dibenzo(a,h)anthracene	40.000	42.069	-5.2	99	0.00
92		Benzo(g,h,i)perylene	40.000	42.006	-5.0	98	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142796.D
Acq On : 19 Jun 2025 21:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Quant Time: Jun 24 15:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.070	1.098	1.179	1.134	1.127	1.129	3.3
Benzaldehyde			0.903	0.894	0.724	0.684	0.769	15.8
Phenol-d6		1.428	1.407	1.520	1.458	1.472	1.473	3.3
Phenol		1.473	1.461	1.551	1.472	1.485	1.497	2.4
bis(2-Chloroethyl)ether		1.187	1.139	1.200	1.122	1.129	1.152	2.9
2-Chlorophenol		1.254	1.207	1.320	1.256	1.250	1.263	2.8
2-Methylphenol		0.887	0.908	1.007	0.969	0.974	0.964	5.1
2,2-oxybis(1-Chloropropane)		1.587	1.520	1.570	1.433	1.462	1.498	4.4
Acetophenone		0.480	0.481	0.502	0.465	0.456	0.473	3.9
3+4-Methylphenols			1.246	1.383	1.334	1.341	1.350	4.5
n-Nitroso-di-n-propylamine	0.815	0.862	0.854	0.938	0.865	0.871	0.874	4.3
Nitrobenzene-d5		0.267	0.277	0.314	0.307	0.308	0.301	6.8
Hexachloroethane		0.476	0.441	0.480	0.460	0.463	0.466	3.0
Nitrobenzene		0.280	0.293	0.319	0.310	0.307	0.306	5.1
Isophorone		0.525	0.534	0.587	0.558	0.571	0.562	4.7
2-Nitrophenol		0.086	0.093	0.117	0.133	0.146	0.128	23.5
2,4-Dimethylphenol		0.199	0.195	0.218	0.208	0.213	0.210	4.8
bis(2-Chloroethoxy)methane		0.378	0.371	0.401	0.374	0.379	0.382	3.2
2,4-Dichlorophenol		0.242	0.263	0.298	0.299	0.304	0.291	9.5
Naphthalene		1.057	1.030	1.081	1.011	1.005	1.030	3.5
4-Chloroaniline		0.358	0.370	0.399	0.390	0.381	0.384	4.6
Hexachlorobutadiene		0.187	0.180	0.188	0.182	0.184	0.185	2.3
Caprolactam			0.087	0.101	0.101	0.098	0.099	7.2
4-Chloro-3-methylphenol		0.259	0.279	0.321	0.309	0.309	0.304	8.3
2-Methylnaphthalene		0.724	0.711	0.766	0.718	0.715	0.727	3.0
Hexachlorocyclopentadiene			0.120	0.135	0.149	0.162	0.150	13.1
2,4,6-Trichlorophenol		0.271	0.295	0.355	0.370	0.368	0.348	13.5
2-Fluorobiphenyl		1.338	1.310	1.361	1.279	1.260	1.291	4.7
2,4,5-Trichlorophenol		0.326	0.349	0.406	0.411	0.412	0.394	10.4
1,1-Biphenyl		1.482	1.436	1.510	1.454	1.435	1.455	3.0
2-Chloronaphthalene		1.097	1.089	1.141	1.091	1.069	1.094	2.8
2-Nitroaniline		0.157	0.185	0.235	0.259	0.259	0.237	20.5
Dimethylphthalate		1.364	1.376	1.469	1.408	1.365	1.400	4.0
Acenaphthylene		1.582	1.622	1.771	1.701	1.660	1.674	4.4

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.199	0.238	0.281	0.295	0.291	0.273	14.6
3-Nitroaniline		0.204	0.248	0.297	0.321	0.310	0.293	16.8
Acenaphthene		1.085	1.074	1.142	1.066	1.047	1.079	3.6
2,4-Dinitrophenol			0.077	0.098	0.117	0.120	0.114	20.5
4-Nitrophenol			0.212	0.260	0.285	0.274	0.270	11.7
Dibenzofuran		1.829	1.814	1.866	1.768	1.720	1.781	4.1
2,4-Dinitrotoluene		0.231	0.285	0.364	0.392	0.387	0.356	20.1
Diethylphthalate		1.368	1.376	1.468	1.429	1.366	1.406	3.6
4-Chlorophenyl-phenylether		0.711	0.687	0.710	0.679	0.659	0.682	4.5
Fluorene		1.382	1.384	1.467	1.393	1.335	1.377	4.3
4-Nitroaniline		0.221	0.267	0.321	0.342	0.319	0.307	15.3
4,6-Dinitro-2-methylphenol			0.054	0.069	0.081	0.089	0.082	21.3
n-Nitrosodiphenylamine		0.557	0.548	0.597	0.573	0.574	0.572	3.1
2,4,6-Tribromophenol		0.194	0.214	0.240	0.246	0.244	0.236	10.2
4-Bromophenyl-phenylether		0.191	0.190	0.213	0.205	0.208	0.205	5.1
Hexachlorobenzene		0.255	0.240	0.255	0.247	0.248	0.250	2.3
Atrazine		0.155	0.167	0.183	0.172	0.171	0.168	6.1
Pentachlorophenol			0.131	0.163	0.172	0.178	0.169	12.0
Phenanthrene		1.102	1.084	1.104	1.068	1.030	1.069	3.3
Anthracene		0.998	0.996	1.092	1.036	1.021	1.025	4.1
Carbazole		0.954	0.994	1.057	1.029	0.990	1.002	3.5
Di-n-butylphthalate		0.929	0.994	1.147	1.187	1.177	1.116	9.9
Fluoranthene		1.170	1.222	1.330	1.290	1.249	1.249	4.2
Pyrene		1.177	1.184	1.288	1.231	1.251	1.239	3.8
Terphenyl-d14		0.943	0.919	0.978	0.914	0.915	0.910	7.5
Butylbenzylphthalate		0.228	0.276	0.377	0.440	0.471	0.402	28.0
3,3-Dichlorobenzidine			0.249	0.340	0.390	0.399	0.365	17.0
Benzo(a)anthracene		1.146	1.175	1.293	1.217	1.207	1.212	4.1
Chrysene		1.169	1.147	1.223	1.159	1.157	1.166	2.9
Bis(2-ethylhexyl)phthalate		0.460	0.520	0.646	0.703	0.737	0.650	17.9
Di-n-octyl phthalate			0.609	0.876	1.094	1.206	1.054	25.0
Benzo(b)fluoranthene		1.029	1.063	1.215	1.201	1.188	1.164	7.4
Benzo(k)fluoranthene		1.070	1.129	1.249	1.153	1.157	1.158	5.1
Benzo(a)pyrene		0.817	0.868	1.035	1.033	1.035	0.991	10.7
Indeno(1,2,3-cd)pyrene		1.003	1.101	1.318	1.331	1.366	1.274	12.4

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.840	0.921	1.098	1.097	1.126	1.053	11.7
Benzo(g,h,i)perylene		0.915	0.967	1.126	1.127	1.142	1.088	9.6
1,2,4,5-Tetrachlorobenzene		0.554	0.549	0.584	0.580	0.578	0.575	3.6
1,4-Dioxane		0.470	0.452	0.457	0.435	0.420	0.439	5.0
2,3,4,6-Tetrachlorophenol		0.305	0.318	0.370	0.370	0.363	0.357	9.3

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025071.D 5 =BP025072.D 10 =BP025073.D 20 =BP025074.D 40 =BP025075.D 50 =BP025076.D 60 =BP025077.D 80 =BP0250
78.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.470	0.452	0.457	0.435	0.420	0.428	0.409	0.439	4.99
3)		Pyridine		1.176	1.153	1.243	1.228	1.171	1.239	1.203	1.202	3.00
4)		n-Nitrosodimet...			0.500	0.531	0.506	0.493	0.522	0.500	0.509	2.85
5)	S	2-Fluorophenol		1.070	1.098	1.179	1.134	1.127	1.168	1.127	1.129	3.33
6)		Aniline		1.334	1.324	1.430	1.388	1.371	1.428	1.359	1.376	3.05
7)	S	Phenol-d6		1.428	1.407	1.520	1.458	1.472	1.543	1.482	1.473	3.26
8)		2-Chlorophenol		1.254	1.207	1.320	1.256	1.250	1.294	1.259	1.263	2.83
9)		Benzaldehyde			0.903	0.894	0.724	0.684	0.641		0.769	15.84
10)	C	Phenol		1.473	1.461	1.551	1.472	1.485	1.540	1.493	1.497	2.36
11)		bis(2-Chloroet...		1.187	1.139	1.200	1.122	1.129	1.172	1.115	1.152	2.95
12)		1,3-Dichlorobe...		1.461	1.434	1.485	1.379	1.366	1.413	1.356	1.413	3.48
13)	C	1,4-Dichlorobe...		1.500	1.432	1.505	1.399	1.384	1.424	1.374	1.431	3.70
14)		1,2-Dichlorobe...		1.454	1.388	1.445	1.349	1.329	1.368	1.303	1.377	4.12
15)		Benzyl Alcohol			0.887	0.991	0.957	0.990	1.058	1.015	0.983	5.86
16)		2,2'-oxybis(1-...		1.587	1.520	1.570	1.433	1.462	1.497	1.415	1.498	4.40
17)		2-Methylphenol		0.887	0.908	1.007	0.969	0.974	1.021	0.983	0.964	5.11
18)		Hexachloroethane		0.476	0.441	0.480	0.460	0.463	0.481	0.462	0.466	3.04
19)	P	n-Nitroso-di-n...	0.815	0.862	0.854	0.938	0.865	0.871	0.912	0.872	0.874	4.26
20)		3+4-Methylphenols			1.246	1.383	1.334	1.341	1.428	1.370	1.350	4.55
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.480	0.481	0.502	0.465	0.456	0.480	0.447	0.473	3.88
23)	S	Nitrobenzene-d5		0.267	0.277	0.314	0.307	0.308	0.323	0.308	0.301	6.84
24)		Nitrobenzene		0.280	0.293	0.319	0.310	0.307	0.327	0.308	0.306	5.13
25)		Isophorone		0.525	0.534	0.587	0.558	0.571	0.597	0.561	0.562	4.67
26)	C	2-Nitrophenol		0.086	0.093	0.117	0.133	0.146	0.160	0.159	0.128	23.51
27)		2,4-Dimethylph...		0.199	0.195	0.218	0.208	0.213	0.224	0.210	0.210	4.79
28)		bis(2-Chloroet...		0.378	0.371	0.401	0.374	0.379	0.397	0.371	0.382	3.25
29)	C	2,4-Dichloroph...		0.242	0.263	0.298	0.299	0.304	0.321	0.306	0.291	9.48
30)		1,2,4-Trichlor...		0.319	0.319	0.331	0.319	0.316	0.335	0.314	0.322	2.53
31)		Naphthalene		1.057	1.030	1.081	1.011	1.005	1.049	0.975	1.030	3.47
32)		Benzoic acid			0.115	0.152	0.186	0.199	0.225	0.231	0.185	24.07
33)		4-Chloroaniline		0.358	0.370	0.399	0.390	0.381	0.411	0.381	0.384	4.58
34)	C	Hexachlorobuta...		0.187	0.180	0.188	0.182	0.184	0.191	0.180	0.185	2.31
35)		Caprolactam			0.087	0.101	0.101	0.098	0.108	0.102	0.099	7.23
36)	C	4-Chloro-3-met...		0.259	0.279	0.321	0.309	0.309	0.332	0.316	0.304	8.35
37)		2-Methylnaphth...		0.724	0.711	0.766	0.718	0.715	0.747	0.706	0.727	2.99
38)		1-Methylnaphth...		0.707	0.704	0.753	0.692	0.691	0.736	0.678	0.709	3.74

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.554	0.549	0.584	0.580	0.578	0.610	0.568	0.575	3.56
41)	P	Hexachlorocycl...		0.120	0.135	0.149	0.162	0.171	0.164	0.150	13.13
42)	S	2,4,6-Tribromo...	0.194	0.214	0.240	0.246	0.244	0.266	0.249	0.236	10.22
43)	C	2,4,6-Trichlor...	0.271	0.295	0.355	0.370	0.368	0.399	0.379	0.348	13.51
44)		2,4,5-Trichlor...	0.326	0.349	0.406	0.411	0.412	0.441	0.416	0.394	10.41
45)	S	2-Fluorobiphenyl	1.338	1.310	1.361	1.279	1.260	1.311	1.177	1.291	4.70
46)		1,1'-Biphenyl	1.482	1.436	1.510	1.454	1.435	1.490	1.380	1.455	2.99
47)		2-Chloronaphth...	1.097	1.089	1.141	1.091	1.069	1.121	1.048	1.094	2.83
48)		2-Nitroaniline	0.157	0.185	0.235	0.259	0.259	0.289	0.273	0.237	20.49
49)		Acenaphthylene	1.582	1.622	1.771	1.701	1.660	1.761	1.620	1.674	4.36
50)		Dimethylphthalate	1.364	1.376	1.469	1.408	1.365	1.482	1.337	1.400	3.99
51)		2,6-Dinitrotol...	0.199	0.238	0.281	0.295	0.291	0.313	0.294	0.273	14.58
52)	C	Acenaphthene	1.085	1.074	1.142	1.066	1.047	1.111	1.027	1.079	3.59
53)		3-Nitroaniline	0.204	0.248	0.297	0.321	0.310	0.345	0.323	0.293	16.81
54)	P	2,4-Dinitrophenol		0.077	0.098	0.117	0.120	0.137	0.137	0.114	20.49
55)		Dibenzofuran	1.829	1.814	1.866	1.768	1.720	1.813	1.655	1.781	4.07
56)	P	4-Nitrophenol		0.212	0.260	0.285	0.274	0.301	0.289	0.270	11.73
57)		2,4-Dinitrotol...	0.231	0.285	0.364	0.392	0.387	0.430	0.406	0.356	20.13
58)		Fluorene	1.382	1.384	1.467	1.393	1.335	1.403	1.278	1.377	4.27
59)		2,3,4,6-Tetrac...	0.305	0.318	0.370	0.370	0.363	0.397	0.377	0.357	9.32
60)		Diethylphthalate	1.368	1.376	1.468	1.429	1.366	1.477	1.358	1.406	3.64
61)		4-Chlorophenyl...	0.711	0.687	0.710	0.679	0.659	0.700	0.626	0.682	4.47
62)		4-Nitroaniline	0.221	0.267	0.321	0.342	0.319	0.354	0.324	0.307	15.26
63)		Azobenzene	1.251	1.275	1.328	1.265	1.211	1.265	1.171	1.252	3.98
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.069	0.081	0.089	0.097	0.098	0.082	21.25
66)	c	n-Nitrosodiphe...	0.557	0.548	0.597	0.573	0.574	0.592	0.565	0.572	3.11
67)		4-Bromophenyl-...	0.191	0.190	0.213	0.205	0.208	0.214	0.213	0.205	5.14
68)		Hexachlorobenzene	0.255	0.240	0.255	0.247	0.248	0.257	0.249	0.250	2.28
69)		Atrazine	0.155	0.167	0.183	0.172	0.171	0.172	0.154	0.168	6.10
70)	C	Pentachlorophenol		0.131	0.163	0.172	0.178	0.186	0.184	0.169	12.03
71)		Phenanthrene	1.102	1.084	1.104	1.068	1.030	1.082	1.011	1.069	3.34
72)		Anthracene	0.998	0.996	1.092	1.036	1.021	1.062	0.971	1.025	4.10
73)		Carbazole	0.954	0.994	1.057	1.029	0.990	1.017	0.976	1.002	3.45
74)		Di-n-butylphth...	0.929	0.994	1.147	1.187	1.177	1.228	1.152	1.116	9.89
75)	C	Fluoranthene	1.170	1.222	1.330	1.290	1.249	1.268	1.215	1.249	4.22
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.177	0.354	0.571	0.420	0.288	0.310	0.353	37.82
78)		Pyrene	1.177	1.184	1.288	1.231	1.251	1.302	1.238	1.239	3.81
79)	S	Terphenyl-d14	0.943	0.919	0.978	0.914	0.915	0.936	0.764	0.910	7.50
80)		Butylbenzylpht...	0.228	0.276	0.377	0.440	0.471	0.519	0.499	0.402	28.01
81)		Benzo(a)anthra...	1.146	1.175	1.293	1.217	1.207	1.258	1.189	1.212	4.11
82)		3,3'-Dichlorob...		0.249	0.340	0.390	0.399	0.414	0.397	0.365	16.97
83)		Chrysene	1.169	1.147	1.223	1.159	1.157	1.191	1.118	1.166	2.88
84)		Bis(2-ethylhex...	0.460	0.520	0.646	0.703	0.737	0.764	0.720	0.650	17.89
85)	c	Di-n-octyl pht...		0.609	0.876	1.094	1.206	1.292	1.248	1.054	25.04

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.003	1.101	1.318	1.331	1.366	1.433	1.366	1.274	12.44
88)		Benzo(b)fluora...	1.029	1.063	1.215	1.201	1.188	1.266	1.187	1.164	7.36
89)		Benzo(k)fluora...	1.070	1.129	1.249	1.153	1.157	1.218	1.133	1.158	5.11
90)	C	Benzo(a)pyrene	0.817	0.868	1.035	1.033	1.035	1.108	1.040	0.991	10.70
91)		Dibenzo(a,h)an...	0.840	0.921	1.098	1.097	1.126	1.172	1.118	1.053	11.66
92)		Benzo(g,h,i)pe...	0.915	0.967	1.126	1.127	1.142	1.197	1.142	1.088	9.58

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025071.D
Acq On : 03 Jul 2025 09:39
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 03 15:48:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	360375	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1444138	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	947160	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	1996879	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2099311	20.000	ng	0.00
86) Perylene-d12	24.465	264	2125718	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.231	70	36693	2.331	ng	91

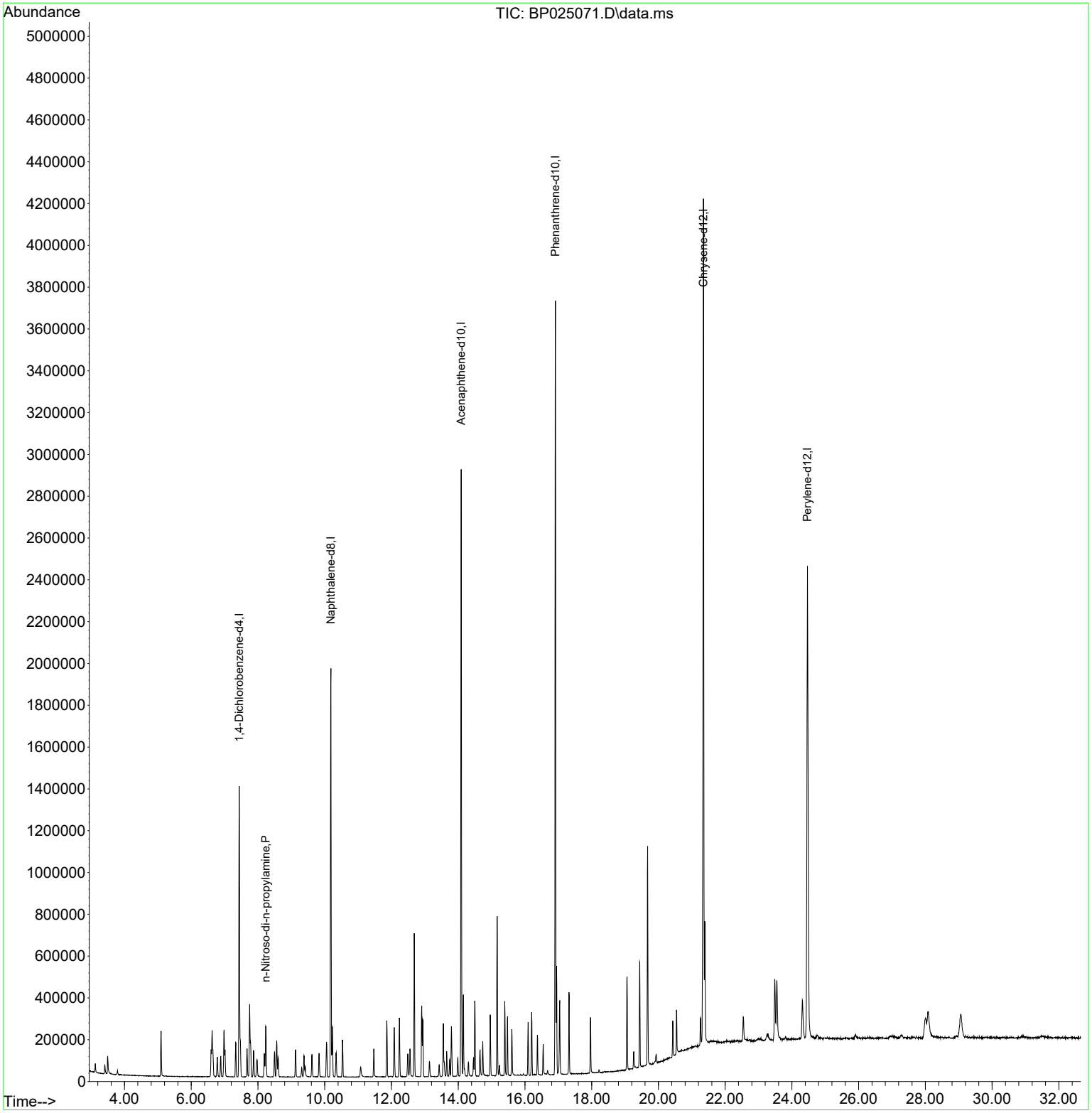
(#) = qualifier out of range (m) = manual integration (+) = signals summed

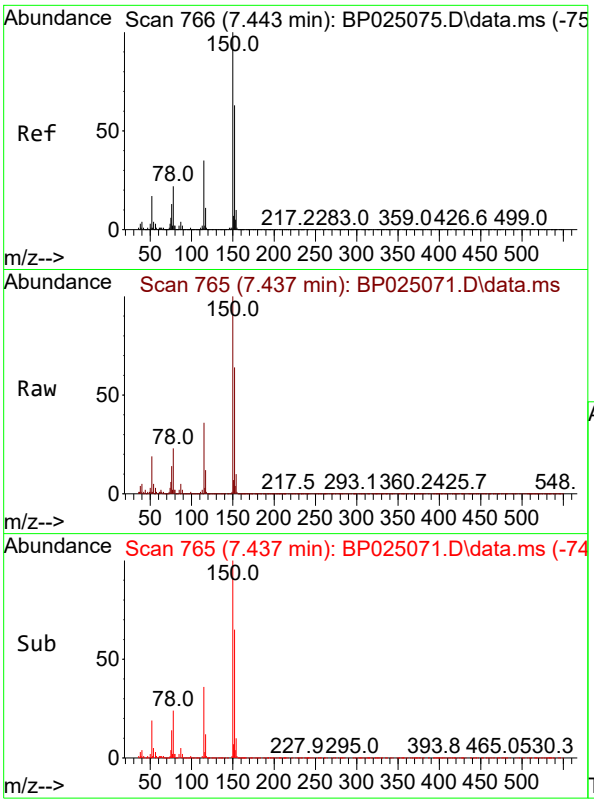
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025071.D
Acq On : 03 Jul 2025 09:39
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 03 15:48:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



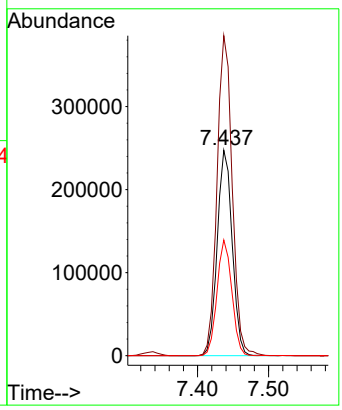


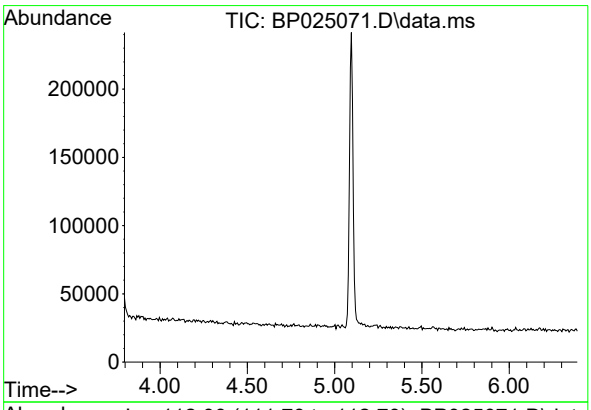
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 360375

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.1	189.1
115	56.3	44.3	66.5



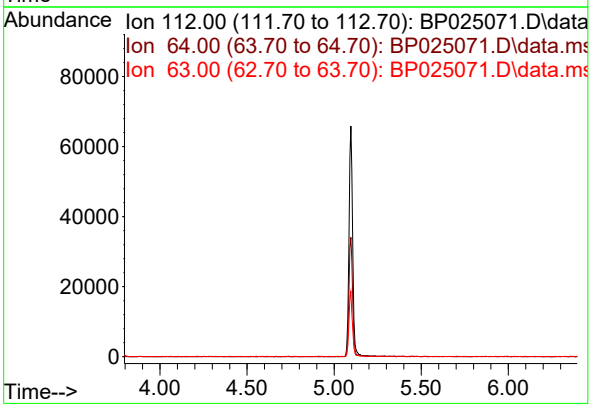


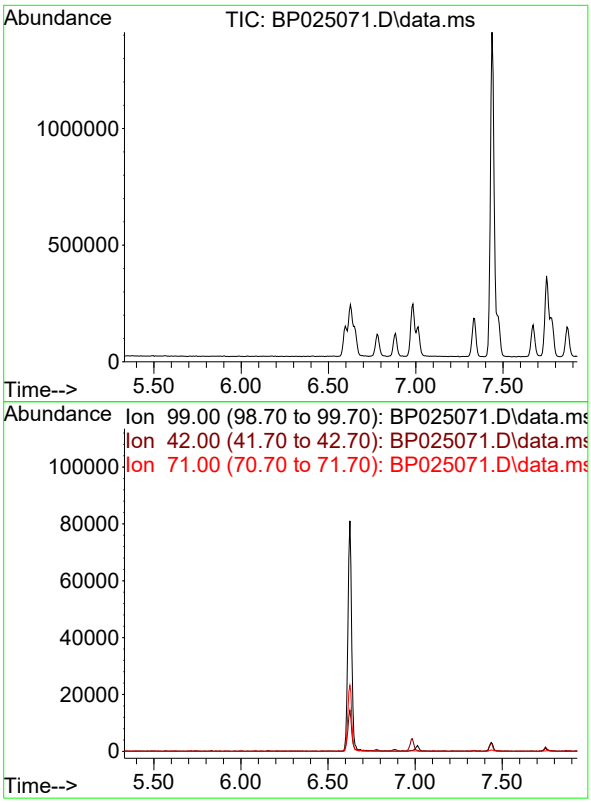
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.10 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	52.5
63	27.7





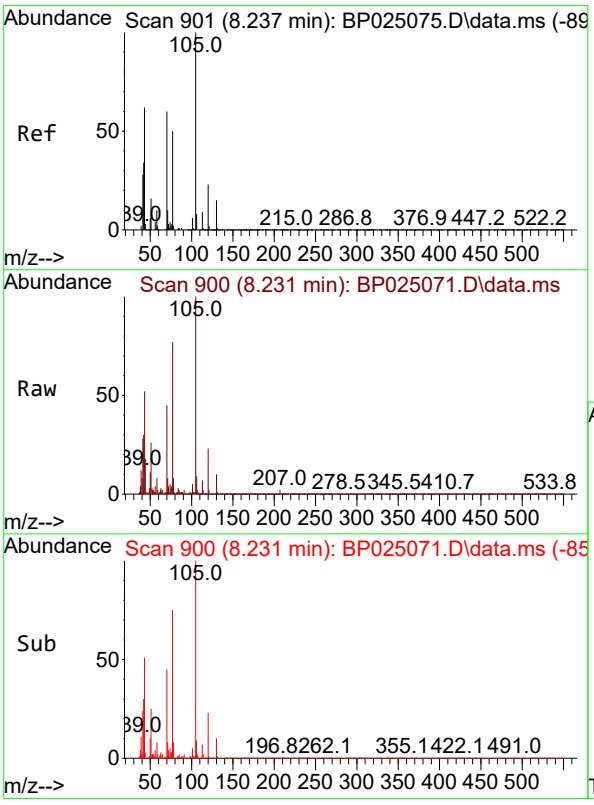
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.63 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

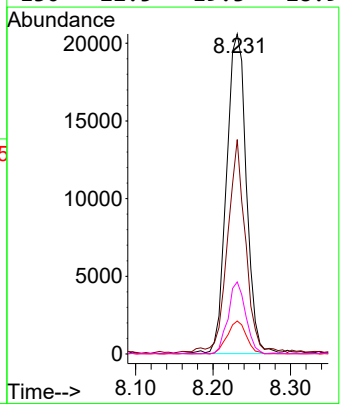
Sig	Exp Ratio
99	100
42	17.0
71	30.5

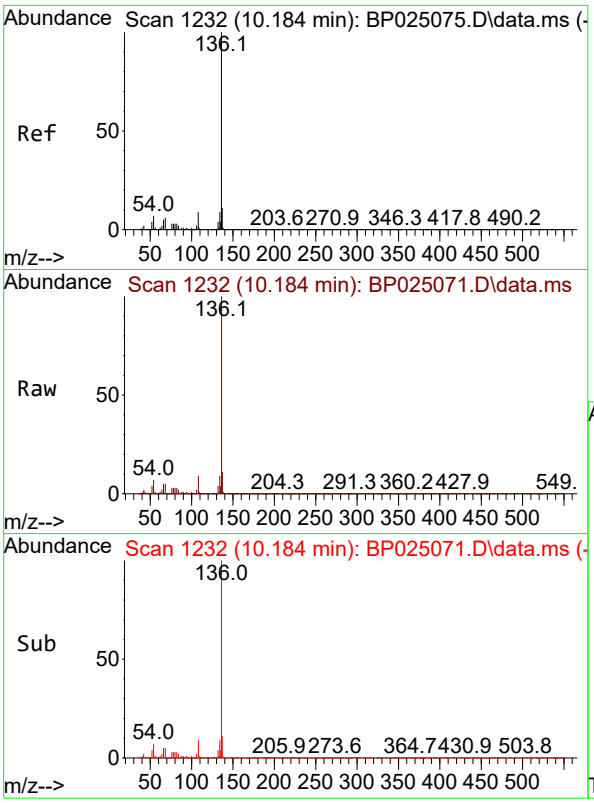


#19
n-Nitroso-di-n-propylamine
Concen: 2.331 ng
RT: 8.231 min Scan# 900
Delta R.T. -0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 70 Resp: 36693

Ion	Ratio	Lower	Upper
70	100		
42	67.0	46.5	69.7
101	10.3	7.9	11.9
130	22.5	19.3	28.9



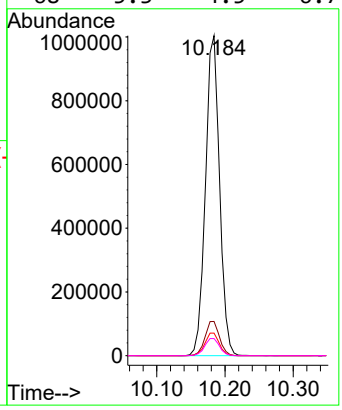


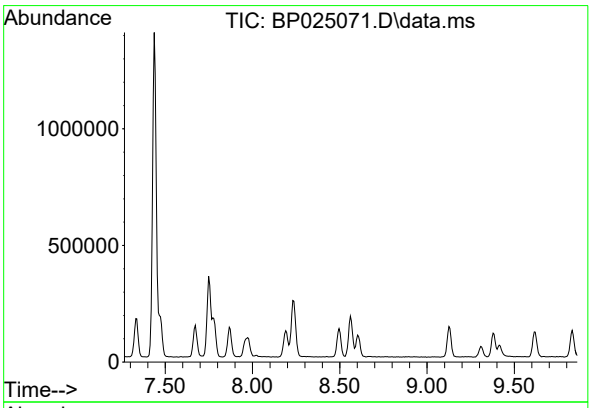
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1444138

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.0	5.4	8.2
68	5.3	4.5	6.7



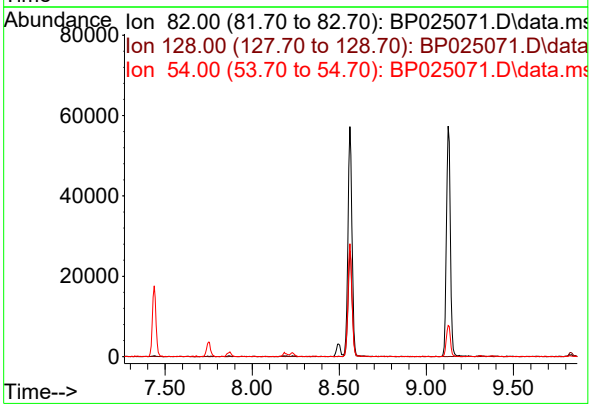


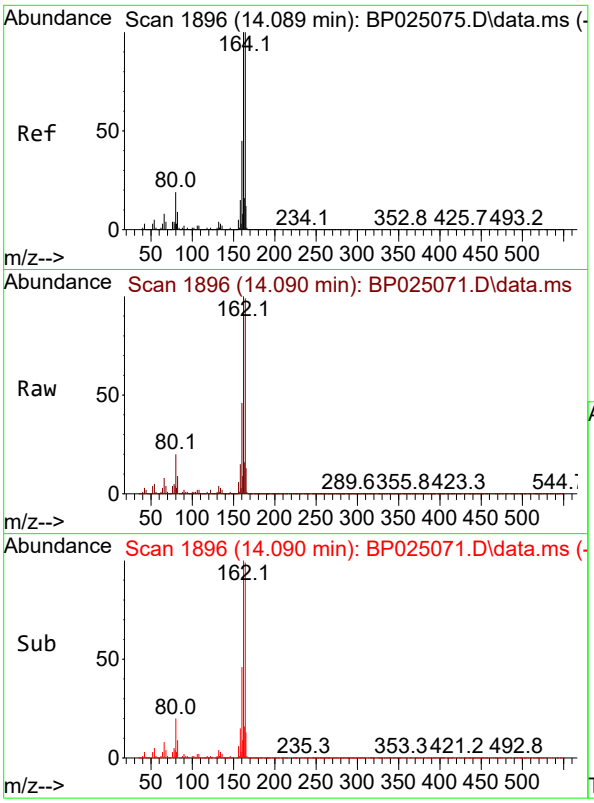
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.57 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	48.0
54	47.2



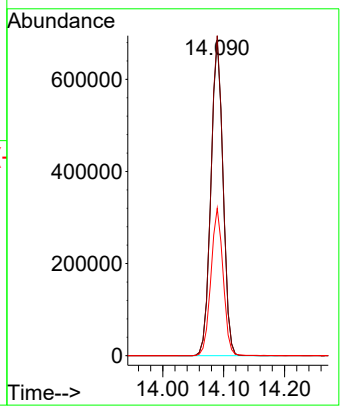


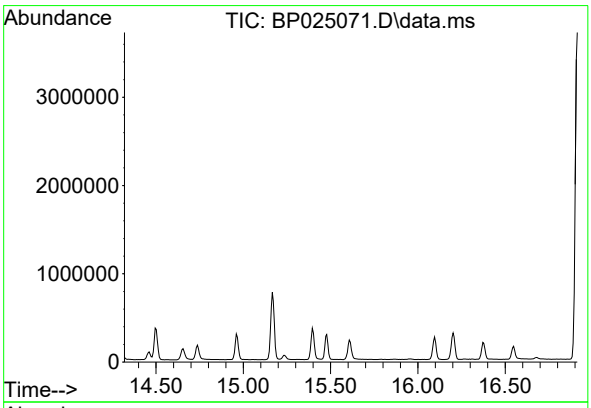
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 947160

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	46.7	35.9	53.9



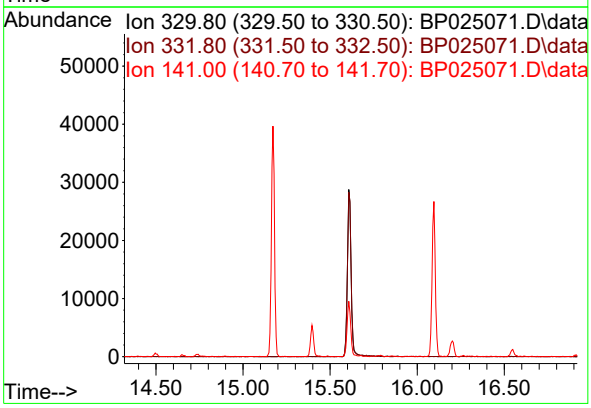


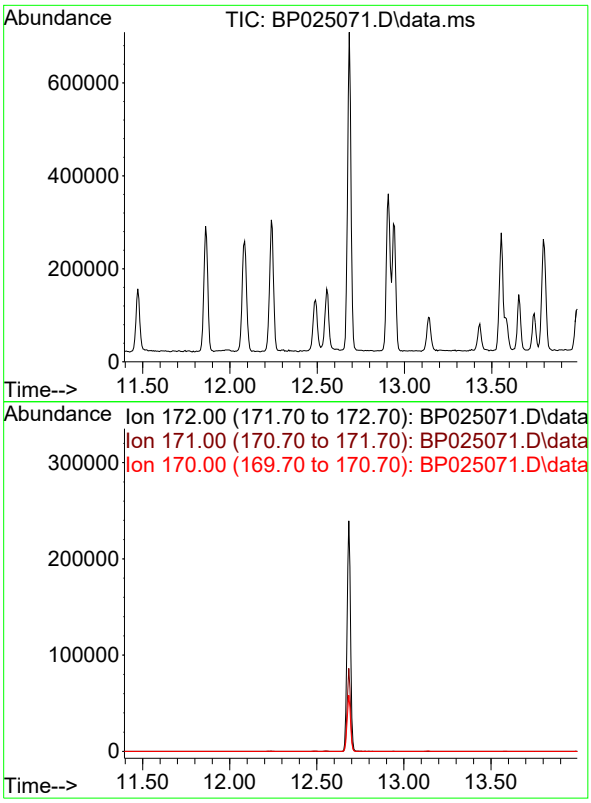
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.62 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.1
141	32.5





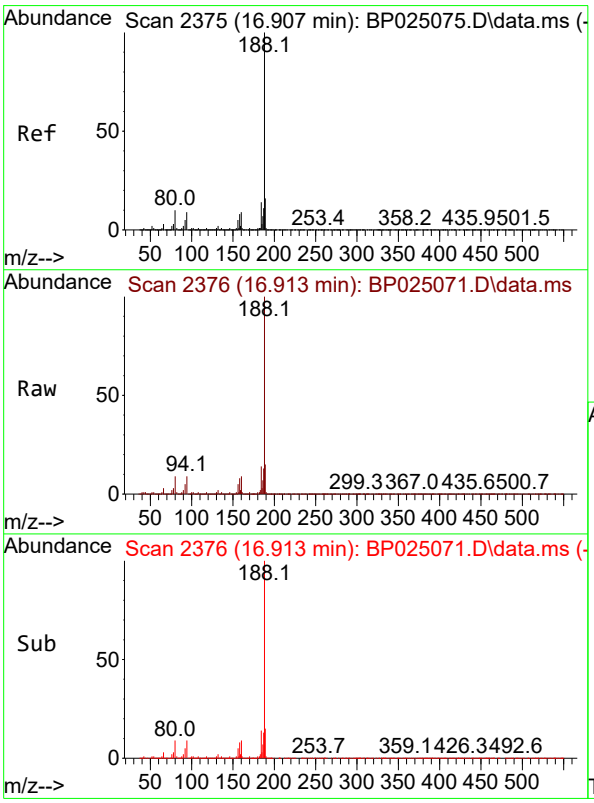
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.70 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

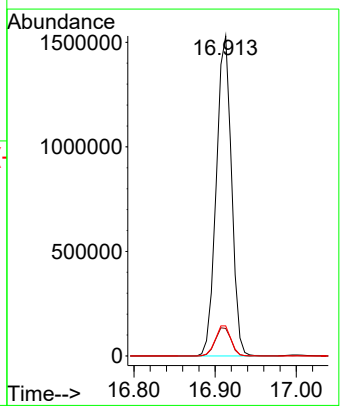
Sig	Exp Ratio
172	100
171	35.2
170	23.4

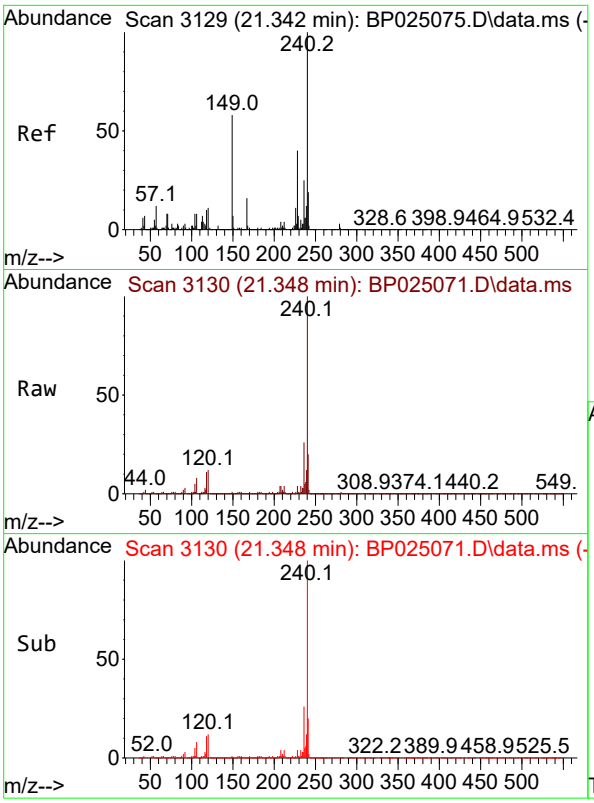


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion:188 Resp: 1996879

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	9.4	7.8	11.6



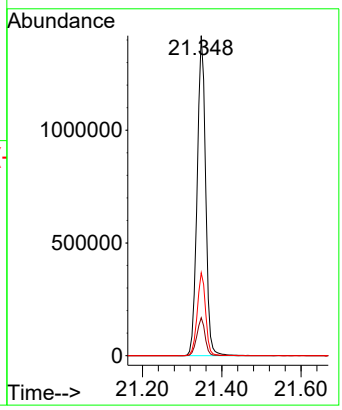


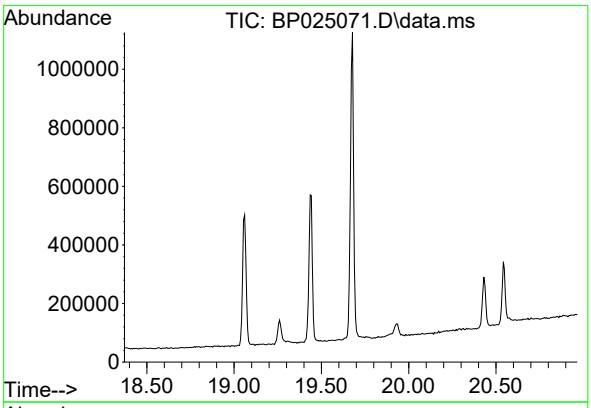
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 2099311

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.4
236	25.9	20.3	30.5



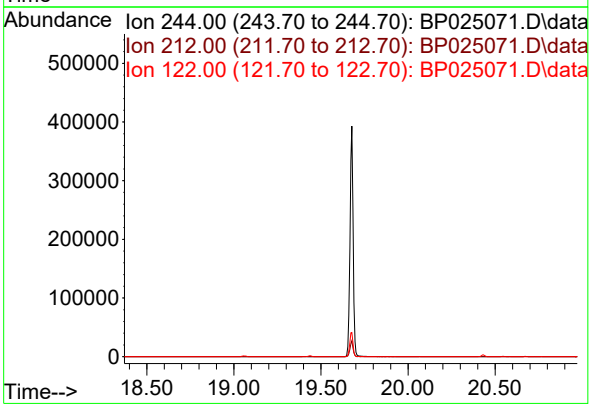


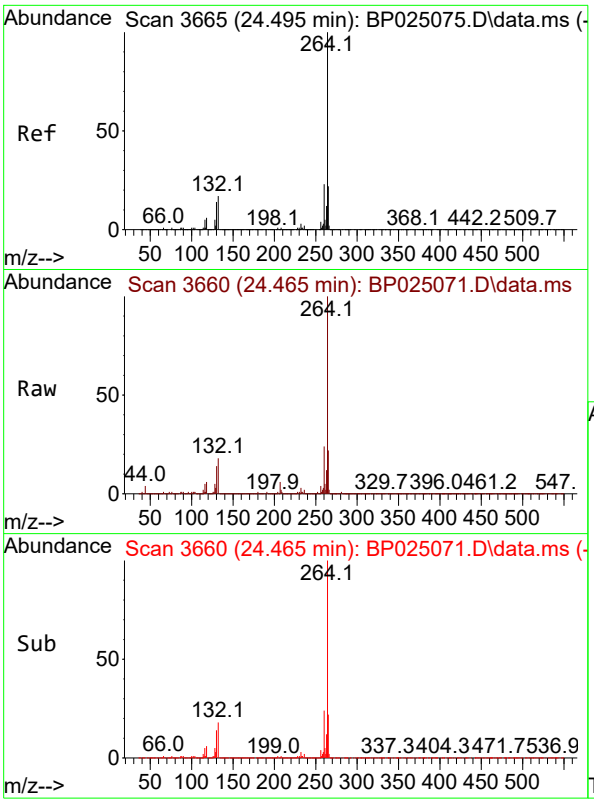
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.67 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.4
122	11.8



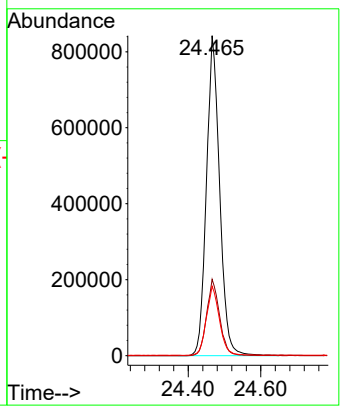


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 2125718

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.7	17.7	26.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	354349	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	1455964	20.000	ng		0.00
39) Acenaphthene-d10	14.095	164	982759	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	1998531	20.000	ng		0.00
76) Chrysene-d12	21.348	240	2143770	20.000	ng		0.00
86) Perylene-d12	24.495	264	2178150	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	189521	9.477	ng		0.00
7) Phenol-d6	6.631	99	252937	9.692	ng		0.00
23) Nitrobenzene-d5	8.566	82	194218	8.871	ng		0.00
42) 2,4,6-Tribromophenol	15.625	330	95353	8.213	ng		0.00
45) 2-Fluorobiphenyl	12.695	172	657518	10.365	ng		0.00
79) Terphenyl-d14	19.683	244	1010825	10.363	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	41667	5.358	ng		98
3) Pyridine	3.496	79	104170	4.896	ng		97
6) Aniline	6.784	93	118174	4.846	ng		99
8) 2-Chlorophenol	7.019	128	111121	4.966	ng		99
10) Phenol	6.655	94	130527	4.922	ng		99
11) bis(2-Chloroethyl)ether	6.884	93	105128	5.151	ng		98
12) 1,3-Dichlorobenzene	7.337	146	129394	5.167	ng		98
13) 1,4-Dichlorobenzene	7.478	146	132919	5.242	ng		99
14) 1,2-Dichlorobenzene	7.784	146	128817	5.282	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.978	45	140624	5.299	ng		97
17) 2-Methylphenol	7.878	107	78577	4.600	ng		96
18) Hexachloroethane	8.501	117	42157	5.104	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	76382	4.935	ng		96
22) Acetophenone	8.243	105	174562	5.070	ng	#	98
24) Nitrobenzene	8.607	77	102014	4.575	ng		97
25) Isophorone	9.137	82	190993	4.668	ng		98
26) 2-Nitrophenol	9.319	139	31408	6.004	ng		98
27) 2,4-Dimethylphenol	9.384	122	72542	4.753	ng		99
28) bis(2-Chloroethoxy)met...	9.619	93	137622	4.954	ng		97
29) 2,4-Dichlorophenol	9.837	162	88262	4.171	ng		98
30) 1,2,4-Trichlorobenzene	10.060	180	116080	4.953	ng		94
31) Naphthalene	10.237	128	384889	5.134	ng		100
33) 4-Chloroaniline	10.348	127	130394	4.661	ng		99
34) Hexachlorobutadiene	10.543	225	67982	5.055	ng		97
36) 4-Chloro-3-methylphenol	11.484	107	94437	4.270	ng		98
37) 2-Methylnaphthalene	11.866	142	263643	4.984	ng		100
38) 1-Methylnaphthalene	12.090	142	257270	4.987	ng		98
40) 1,2,4,5-Tetrachloroben...	12.242	216	136193	4.822	ng		99
43) 2,4,6-Trichlorophenol	12.495	196	66524	3.890	ng		96
44) 2,4,5-Trichlorophenol	12.560	196	80137	4.135	ng		96
46) 1,1'-Biphenyl	12.907	154	364077	5.092	ng		99
47) 2-Chloronaphthalene	12.942	162	269579	5.016	ng		97
48) 2-Nitroaniline	13.142	65	38515	5.521	ng		94
49) Acenaphthylene	13.807	152	388781	4.726	ng		100
50) Dimethylphthalate	13.554	163	335065	4.871	ng		99
51) 2,6-Dinitrotoluene	13.654	165	48991	3.651	ng		88

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.166	154	266690m	5.030	ng		
53) 3-Nitroaniline	13.984	138	50202	3.491	ng	#	87
55) Dibenzofuran	14.507	168	449302	5.135	ng		100
57) 2,4-Dinitrotoluene	14.466	165	56730	5.360	ng	#	97
58) Fluorene	15.166	166	339444	5.016	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	74947	4.270	ng		97
60) Diethylphthalate	14.960	149	336119	4.865	ng		98
61) 4-Chlorophenyl-phenyle...	15.178	204	174567	5.212	ng		97
62) 4-Nitroaniline	15.172	138	54190	3.594	ng		90
63) Azobenzene	15.472	77	307304	4.995	ng		96
66) n-Nitrosodiphenylamine	15.389	169	278113	4.863	ng		98
67) 4-Bromophenyl-phenylether	16.095	248	95310	4.658	ng		93
68) Hexachlorobenzene	16.195	284	127389	5.093	ng		94
69) Atrazine	16.389	200	77424	4.620	ng		99
71) Phenanthrene	16.948	178	550598	5.156	ng		99
72) Anthracene	17.054	178	498692	4.868	ng		99
73) Carbazole	17.330	167	476619	4.758	ng		99
74) Di-n-butylphthalate	17.966	149	464272	4.162	ng		99
75) Fluoranthene	19.054	202	584660	4.684	ng		99
78) Pyrene	19.430	202	630754	4.750	ng		98
80) Butylbenzylphthalate	20.442	149	122350	5.890	ng		93
81) Benzo(a)anthracene	21.330	228	614350	4.729	ng		99
83) Chrysene	21.395	228	626717	5.013	ng		98
84) Bis(2-ethylhexyl)phtha...	21.342	149	246749	3.541	ng		99
87) Indeno(1,2,3-cd)pyrene	28.024	276	546143m	3.935	ng		
88) Benzo(b)fluoranthene	23.507	252	560057	4.418	ng		98
89) Benzo(k)fluoranthene	23.571	252	582662	4.619	ng		99
90) Benzo(a)pyrene	24.354	252	444644	4.121	ng		99
91) Dibenzo(a,h)anthracene	28.112	278	457436	3.988	ng		99
92) Benzo(g,h,i)perylene	29.112	276	498456	4.207	ng		98

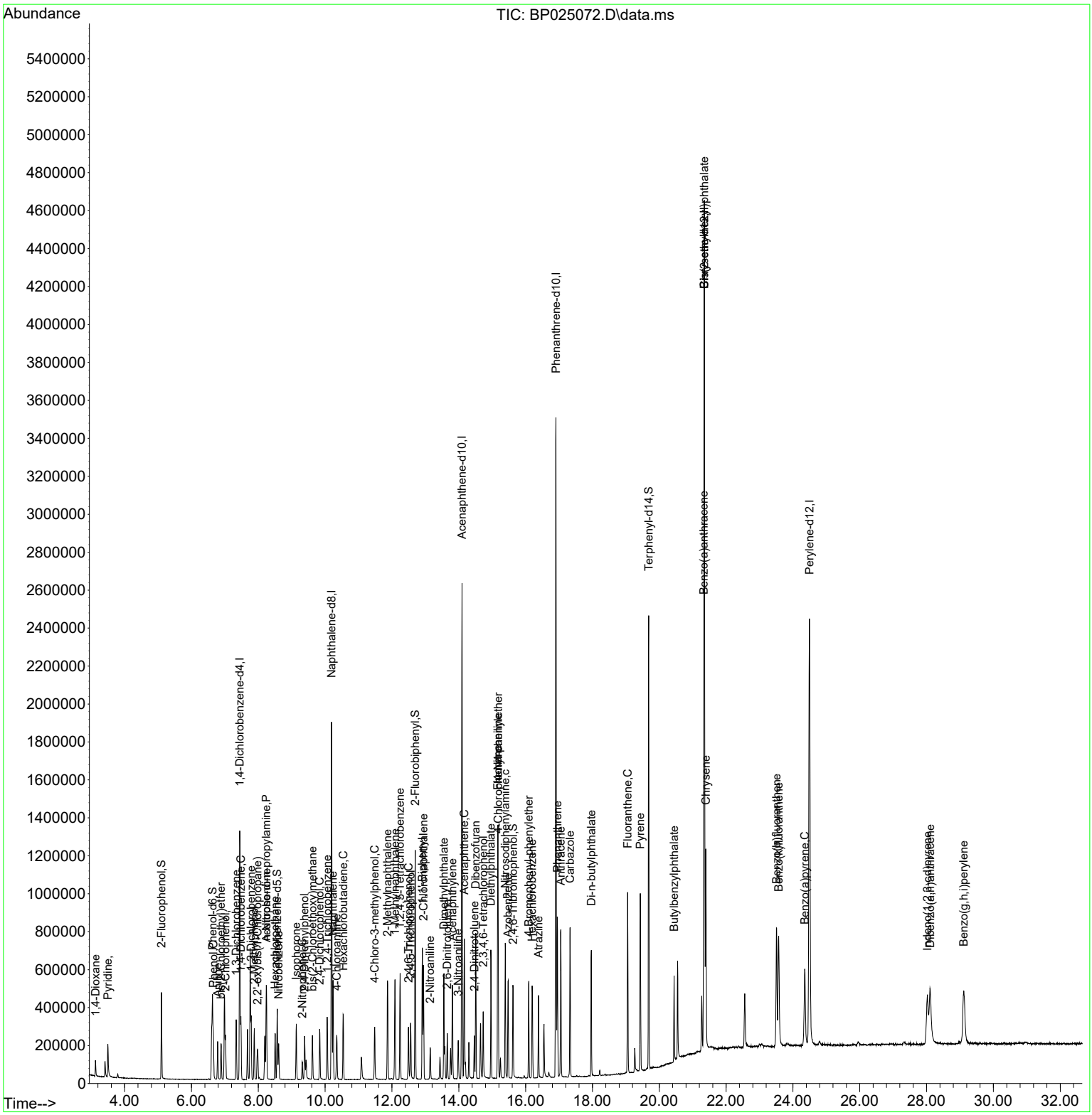
(#) = qualifier out of range (m) = manual integration (+) = signals summed

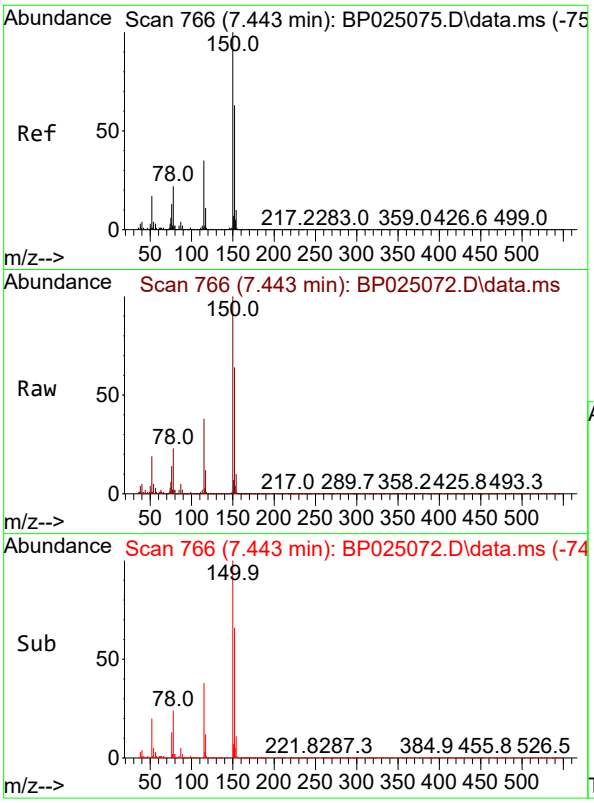
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



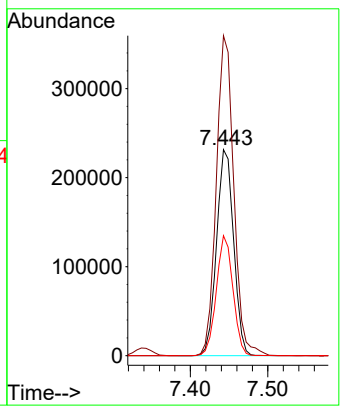


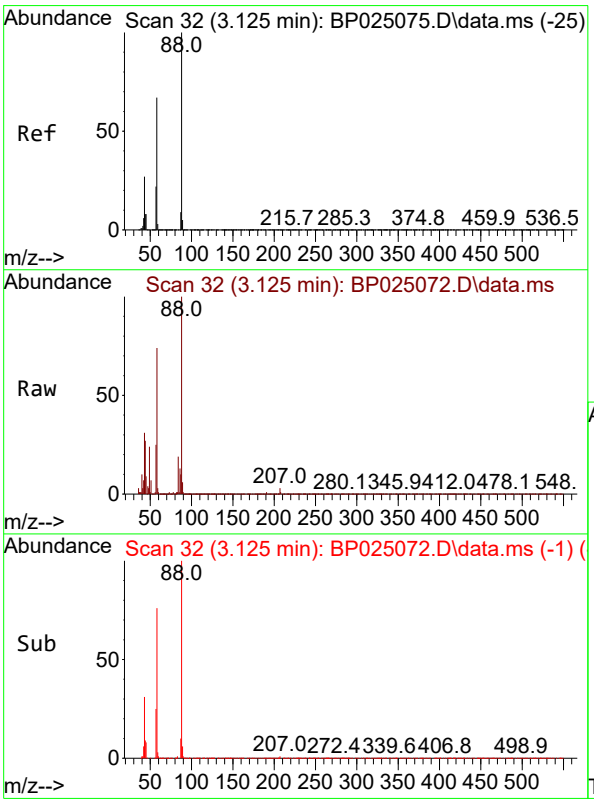
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 354349

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.1	189.1
115	58.2	44.3	66.5

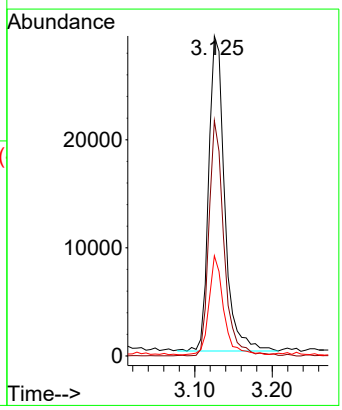


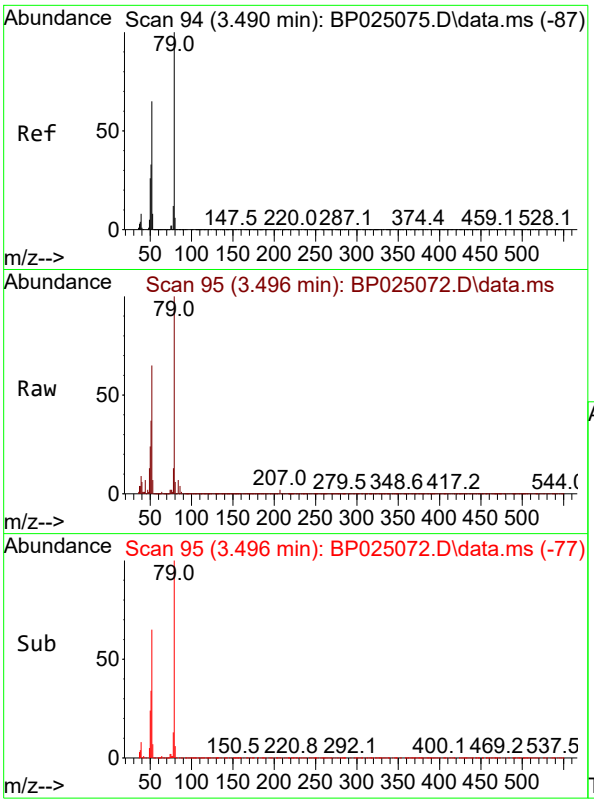


#2
1,4-Dioxane
Concen: 5.358 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 88 Resp: 41667

Ion	Ratio	Lower	Upper
88	100		
58	69.7	55.0	82.4
43	28.9	21.9	32.9



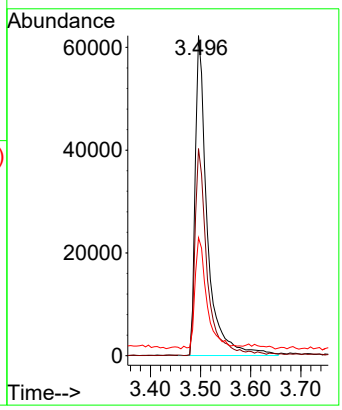


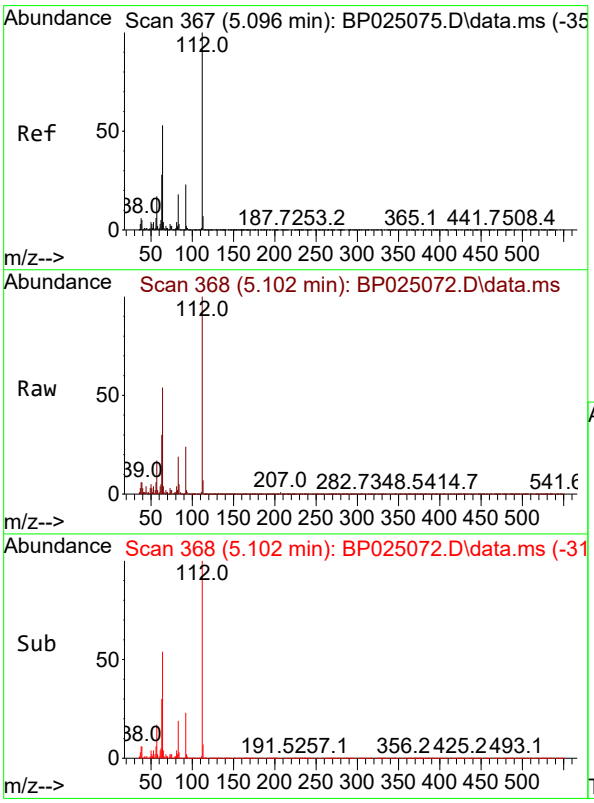
#3
Pyridine
Concen: 4.896 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 104170

Ion	Ratio	Lower	Upper
79	100		
52	64.7	52.2	78.4
51	36.8	26.8	40.2

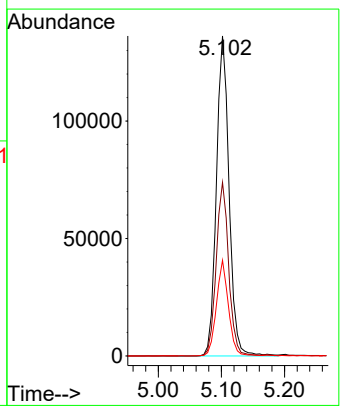


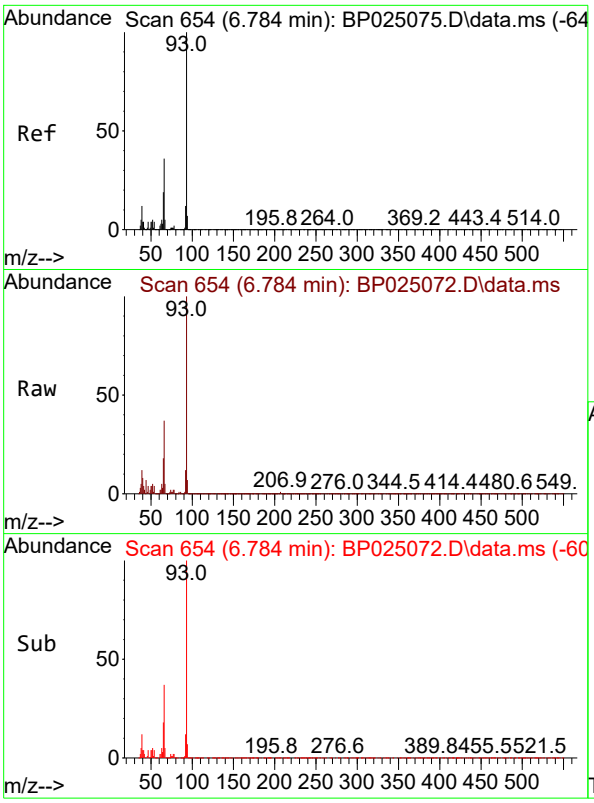


#5
2-Fluorophenol
Concen: 9.477 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:112 Resp: 189521

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.0	63.0
63	29.9	22.2	33.2



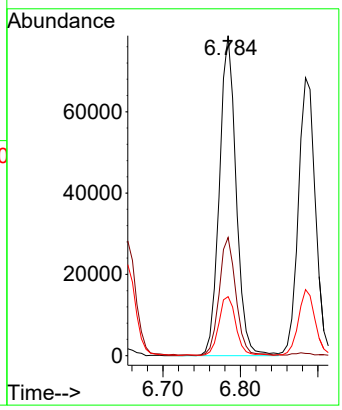


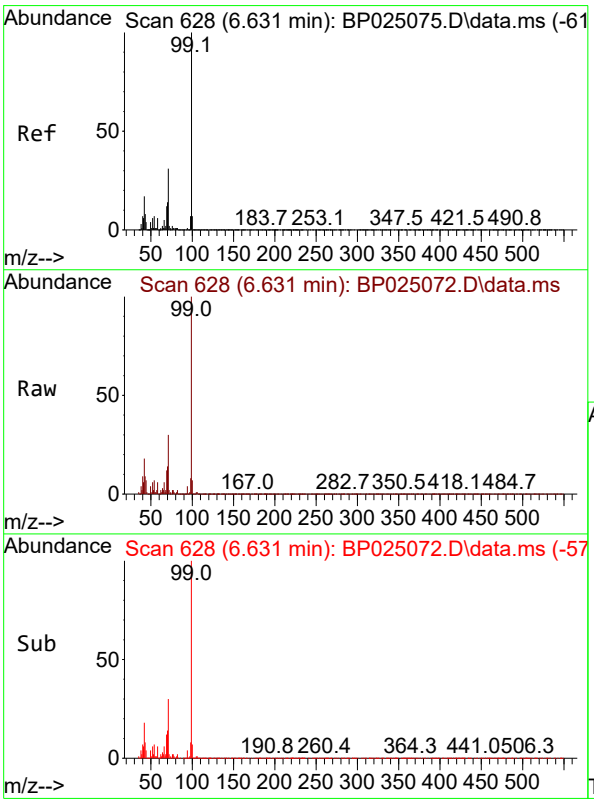
#6
Aniline
Concen: 4.846 ng
RT: 6.784 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 118174

Ion	Ratio	Lower	Upper
93	100		
66	37.0	28.9	43.3
65	18.4	15.2	22.8

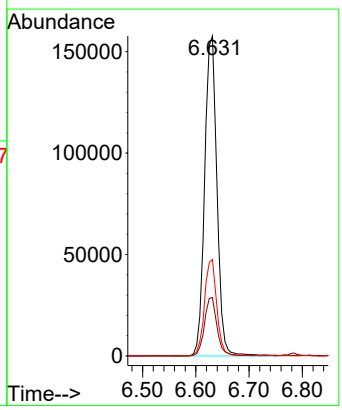


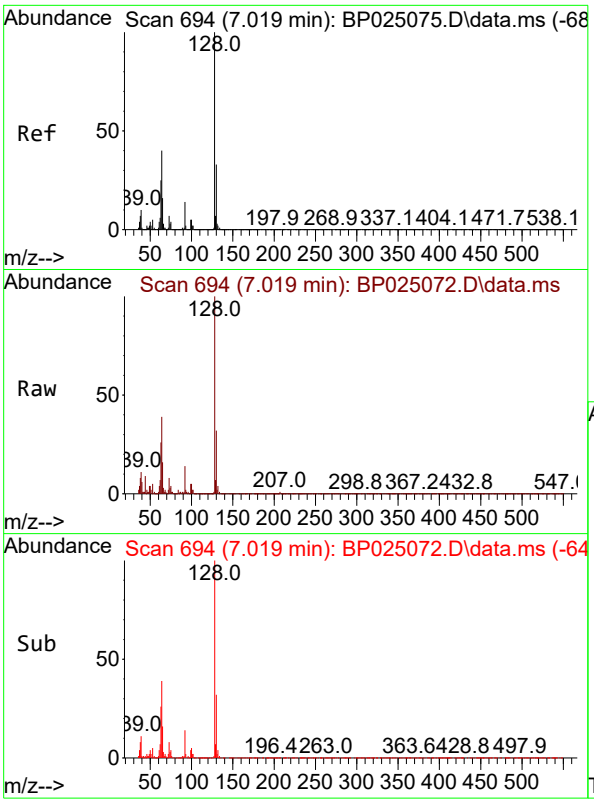


#7
Phenol-d6
Concen: 9.692 ng
RT: 6.631 min Scan# 628
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 99 Resp: 252937

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.6	20.4
71	30.1	24.4	36.6



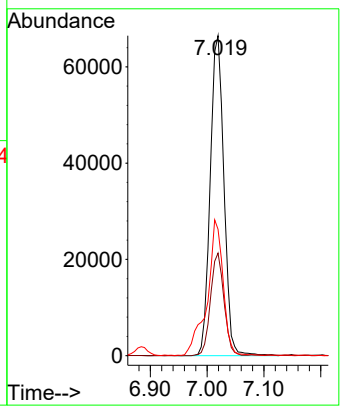


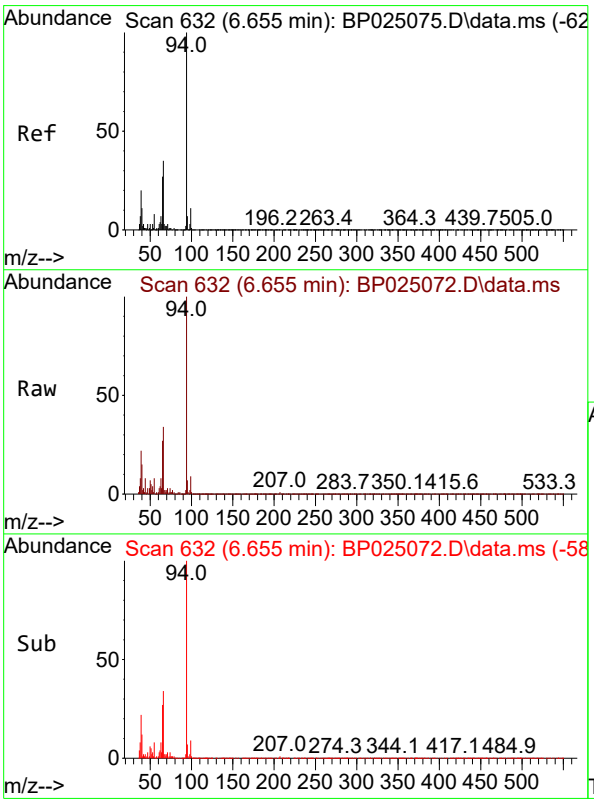
#8
2-Chlorophenol
Concen: 4.966 ng
RT: 7.019 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 111121

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	39.5	20.3	60.3

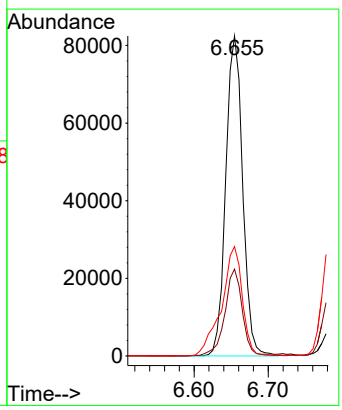


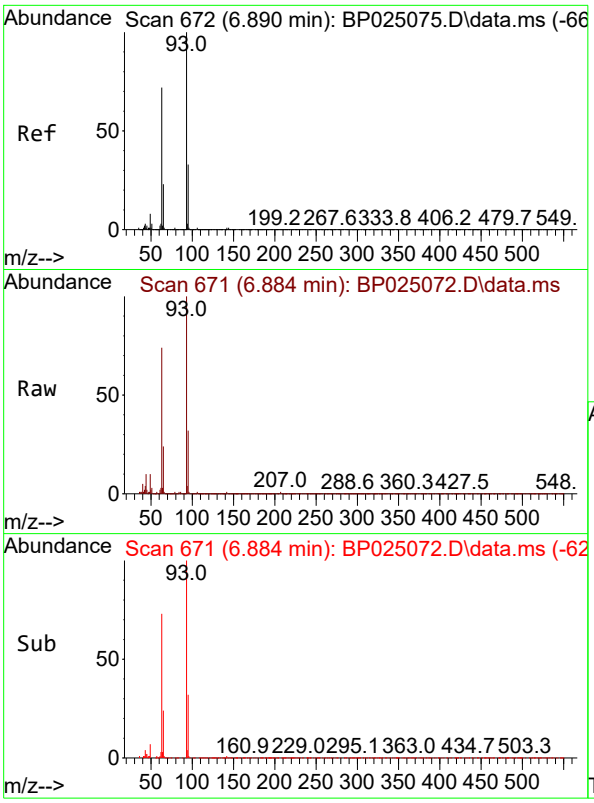


#10
Phenol
Concen: 4.922 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 94 Resp: 130527

Ion	Ratio	Lower	Upper
94	100		
65	27.2	6.9	46.9
66	34.2	14.6	54.6



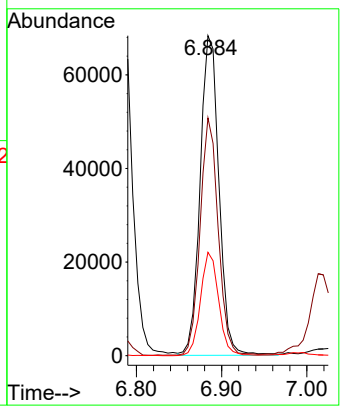


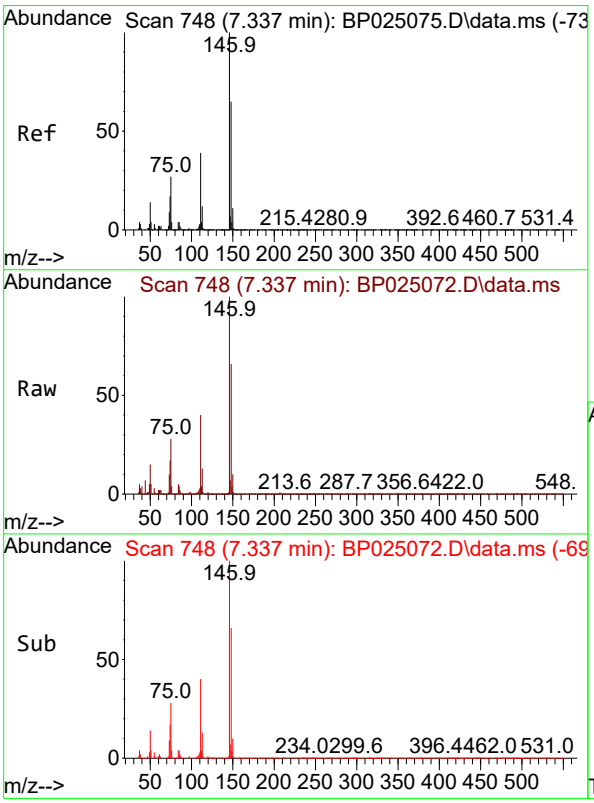
#11
bis(2-Chloroethyl)ether
Concen: 5.151 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 105128

Ion	Ratio	Lower	Upper
93	100		
63	74.3	51.9	91.9
95	32.3	12.4	52.4

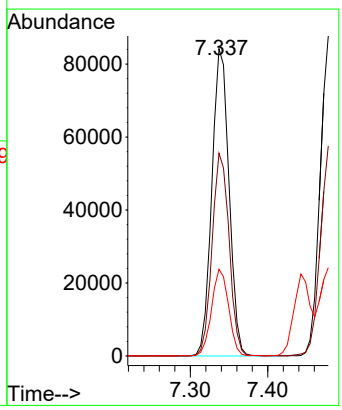


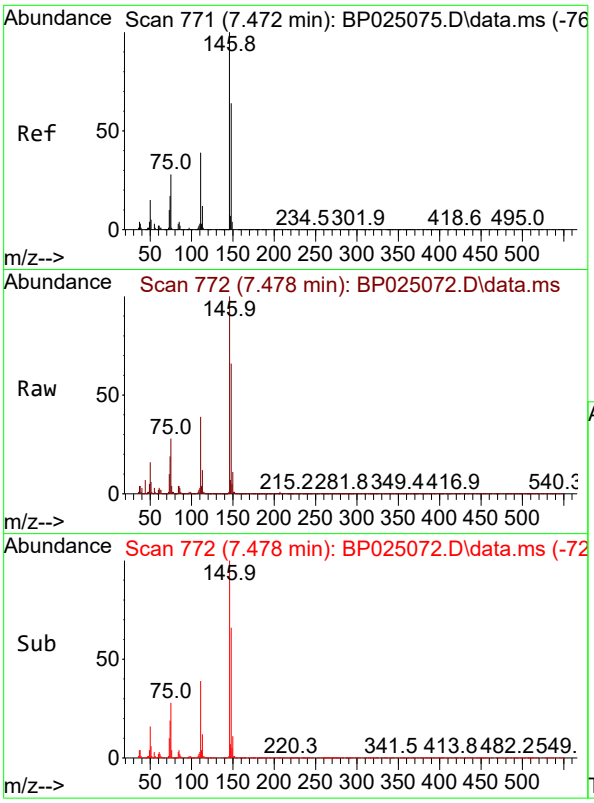


#12
1,3-Dichlorobenzene
Concen: 5.167 ng
RT: 7.337 min Scan# 748
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:146 Resp: 129394

Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
75	28.2	21.8	32.6



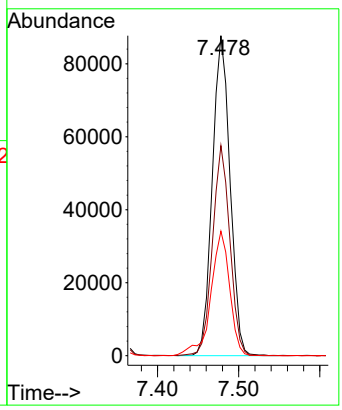


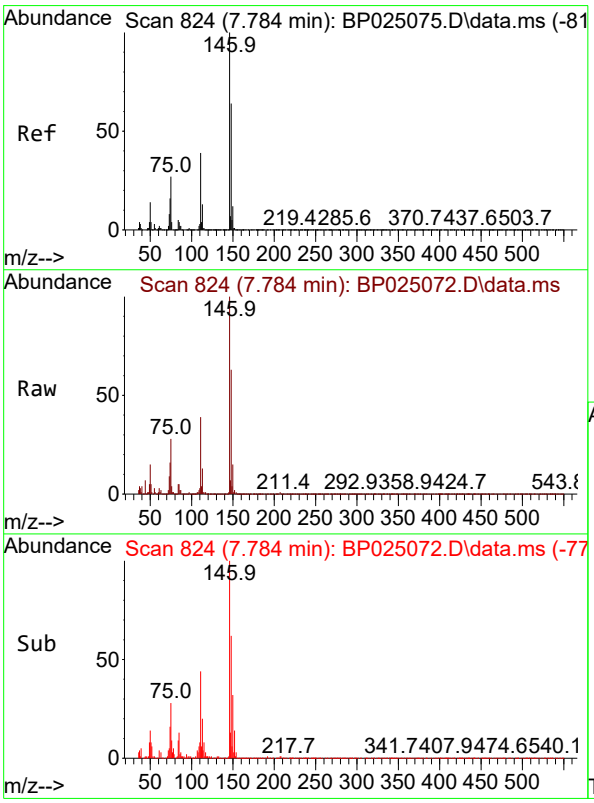
#13
1,4-Dichlorobenzene
Concen: 5.242 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 132919

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	38.9	31.2	46.8

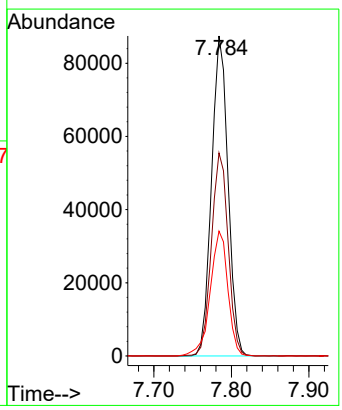


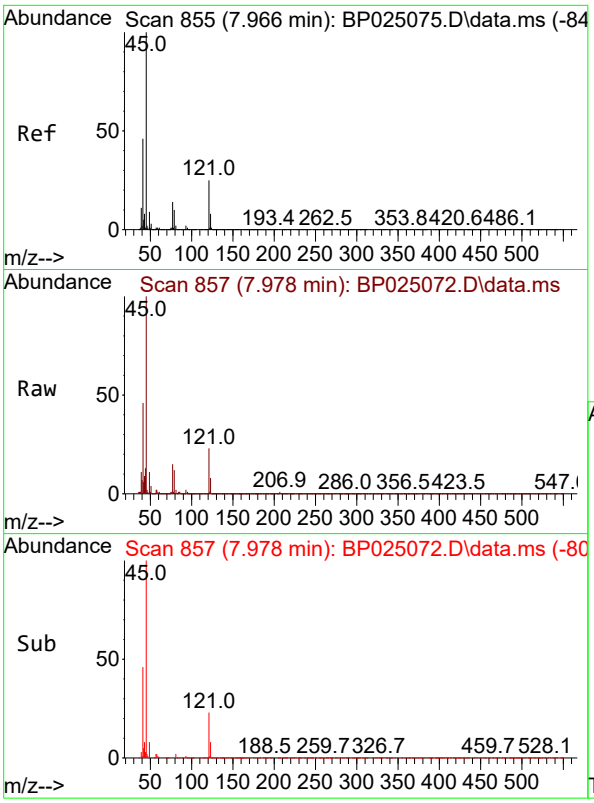


#14
1,2-Dichlorobenzene
Concen: 5.282 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:146 Resp: 128817

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	39.0	31.2	46.8



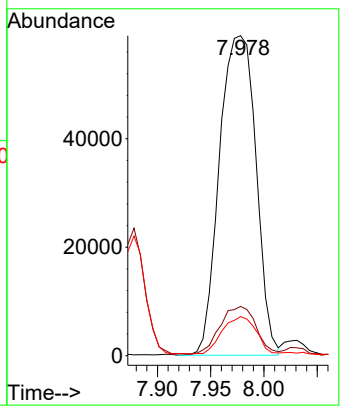


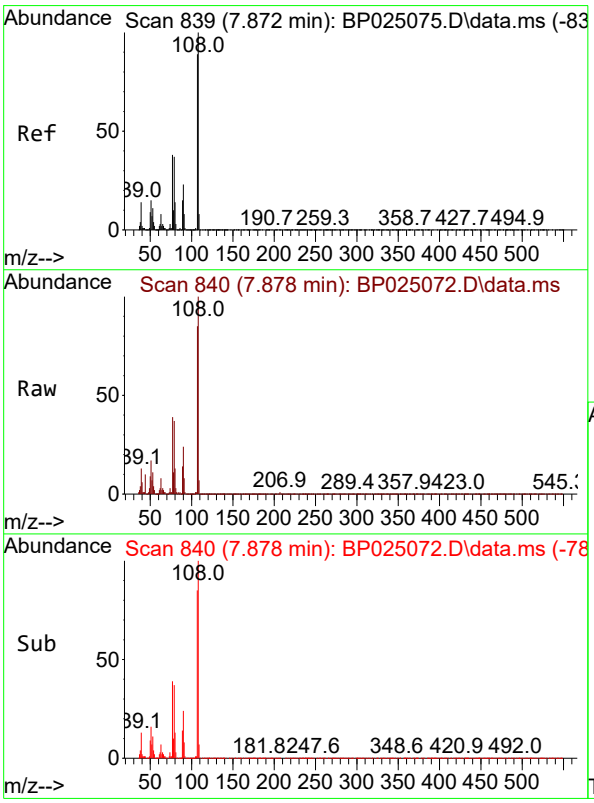
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.299 ng
RT: 7.978 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 140624

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	34.8
79	12.2	0.0	30.7

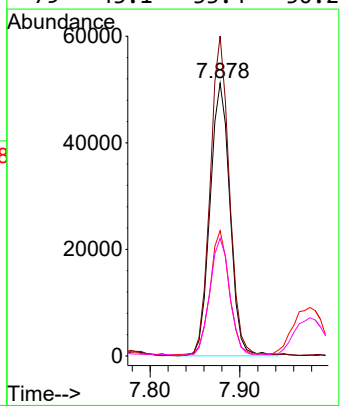


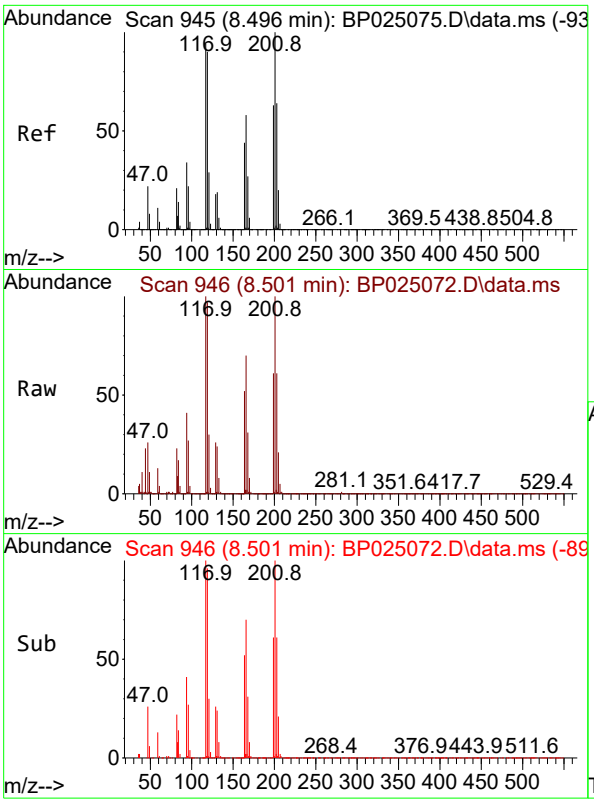


#17
2-Methylphenol
Concen: 4.600 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:107 Resp: 78577

Ion	Ratio	Lower	Upper
107	100		
108	117.3	89.7	134.5
77	46.0	34.2	51.4
79	43.1	33.4	50.2



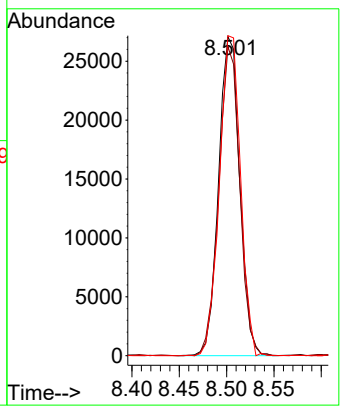


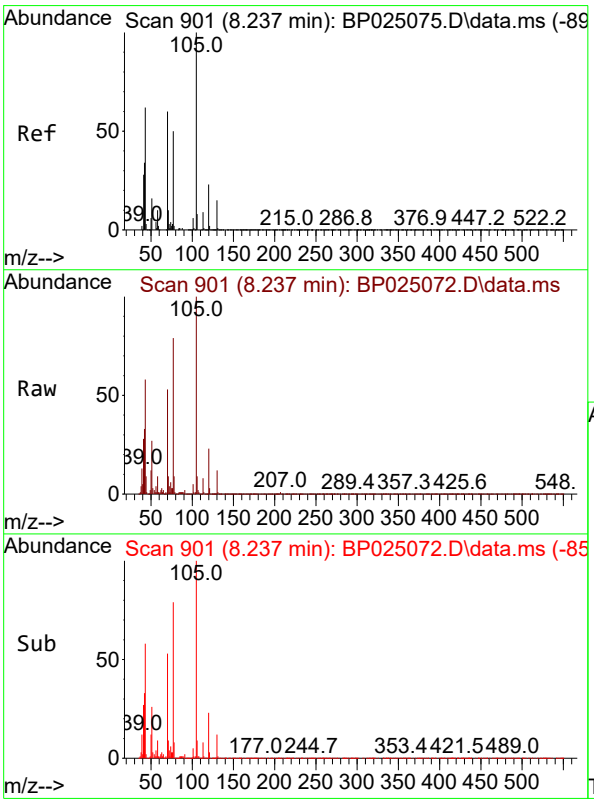
#18
Hexachloroethane
Concen: 5.104 ng
RT: 8.501 min Scan# 94
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 42157

Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	115.0
201	100.4	85.4	128.2

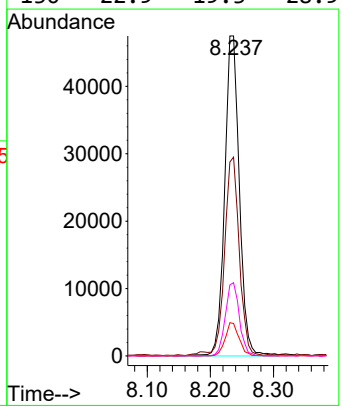


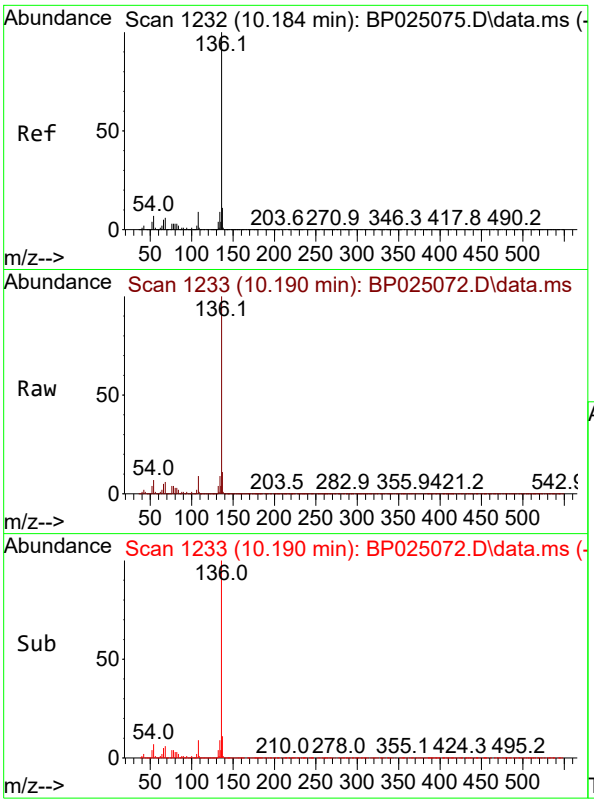


#19
n-Nitroso-di-n-propylamine
Concen: 4.935 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 70 Resp: 76382

Ion	Ratio	Lower	Upper
70	100		
42	62.2	46.5	69.7
101	10.2	7.9	11.9
130	22.9	19.3	28.9



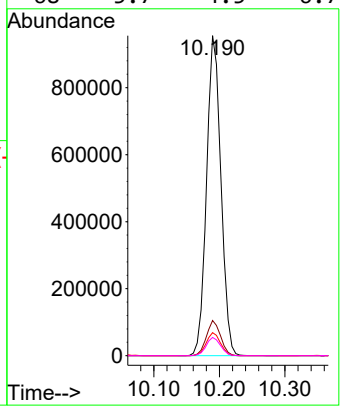


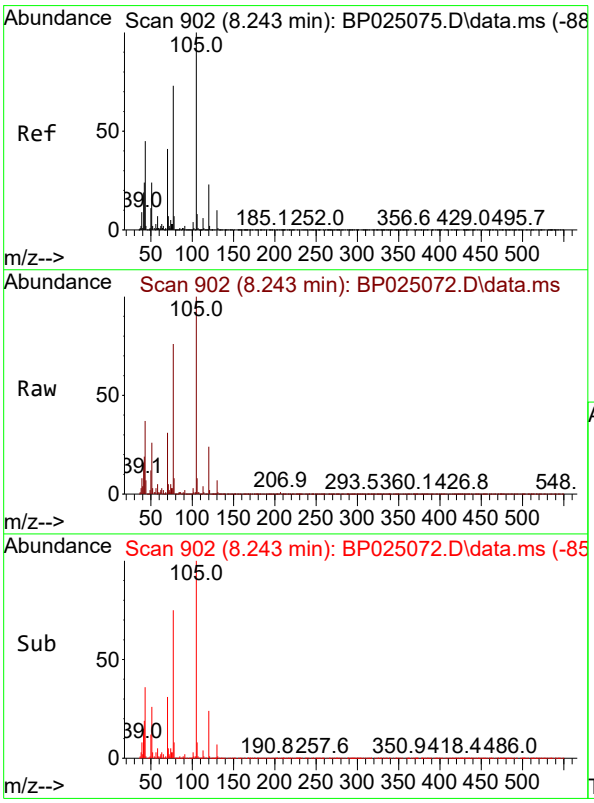
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 1455964

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	5.4	8.2
68	5.7	4.5	6.7

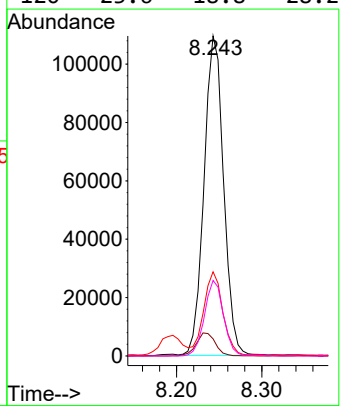


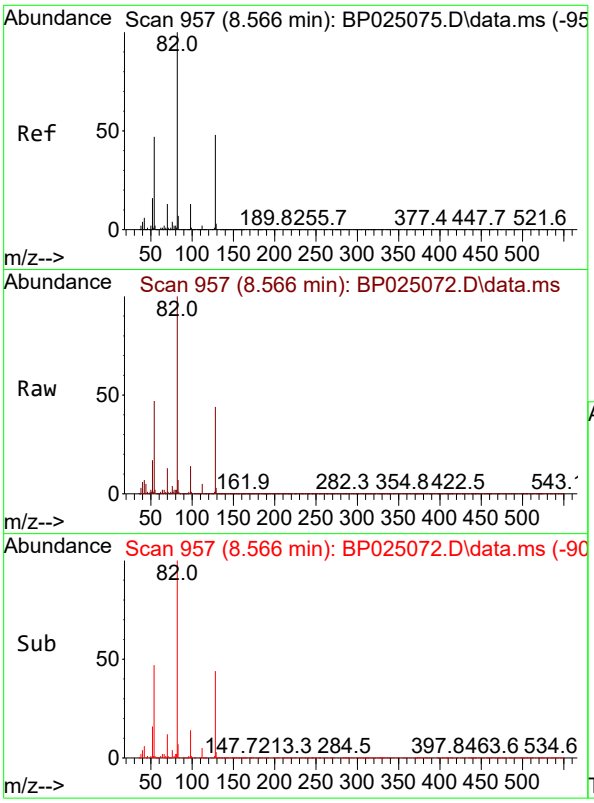


#22
Acetophenone
Concen: 5.070 ng
RT: 8.243 min Scan# 902
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:105 Resp: 174562

Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.4	8.2#
51	26.3	19.6	29.4
120	23.6	18.8	28.2



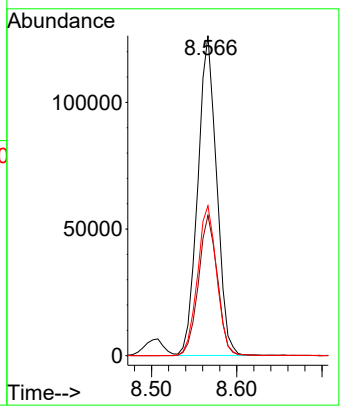


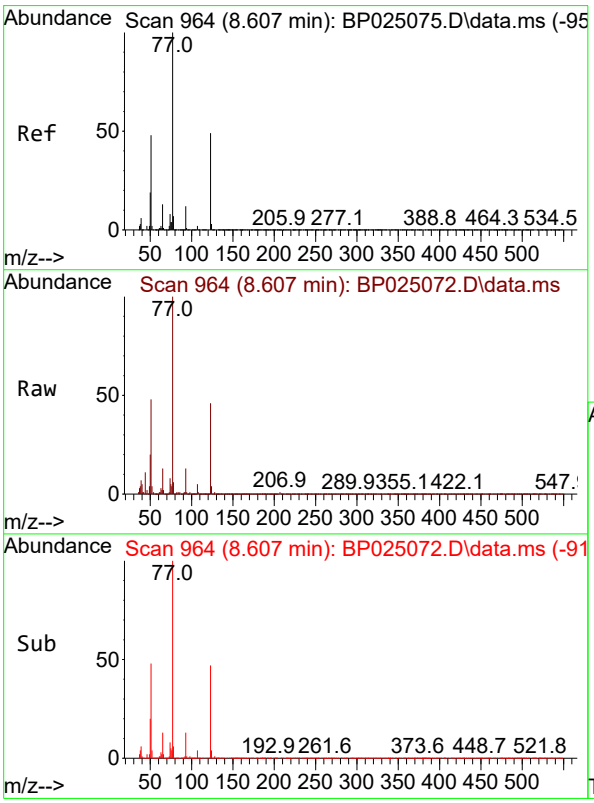
#23
Nitrobenzene-d5
Concen: 8.871 ng
RT: 8.566 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 194218

Ion	Ratio	Lower	Upper
82	100		
128	43.9	38.4	57.6
54	46.9	37.8	56.6

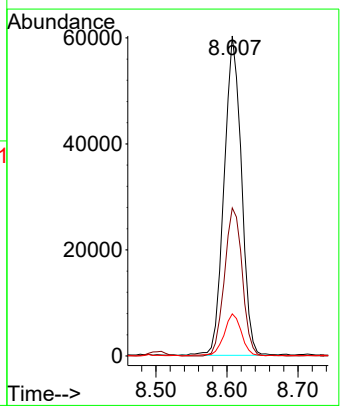


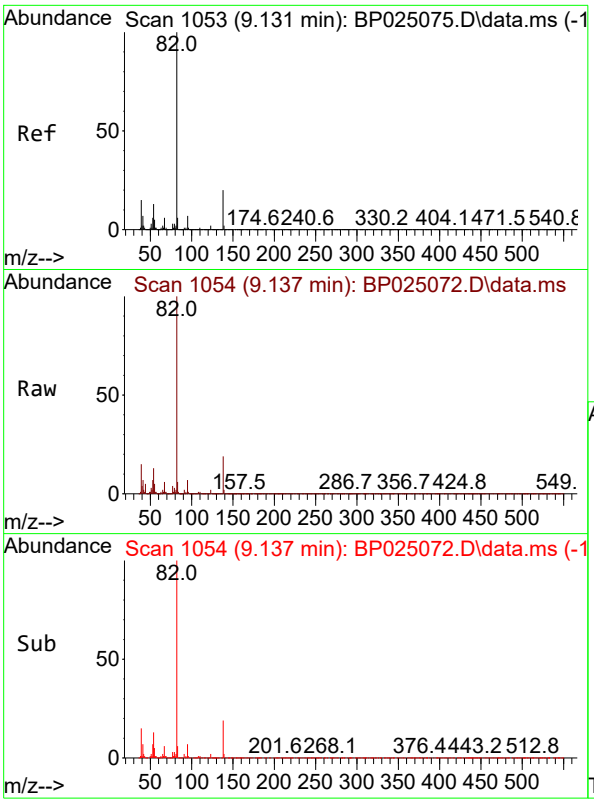


#24
Nitrobenzene
Concen: 4.575 ng
RT: 8.607 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 77 Resp: 102014

Ion	Ratio	Lower	Upper
77	100		
123	46.2	39.0	58.6
65	13.1	10.7	16.1



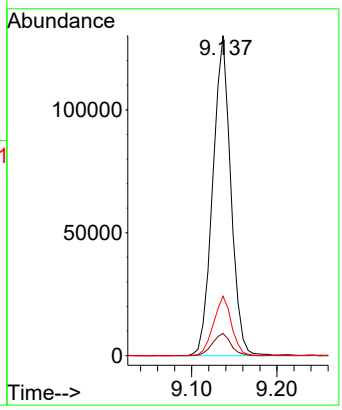


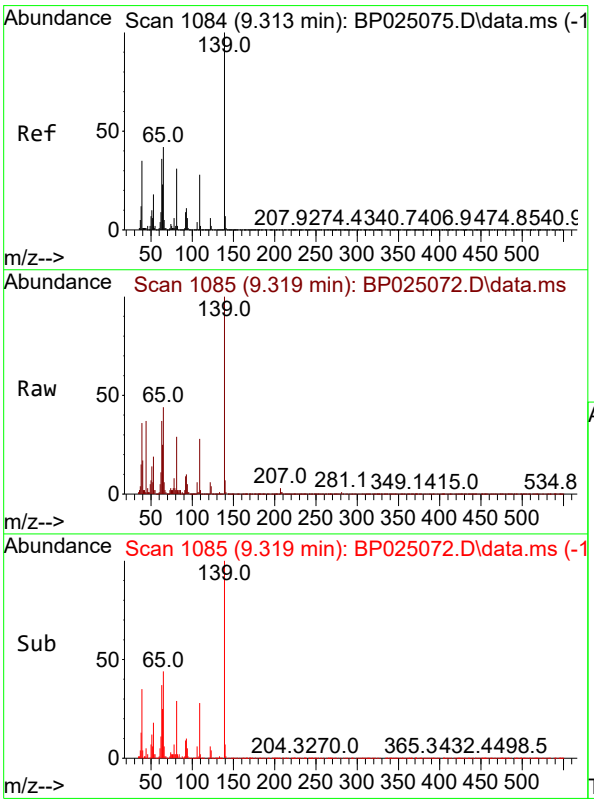
#25
Isophorone
Concen: 4.668 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 190993

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	18.6	15.7	23.5

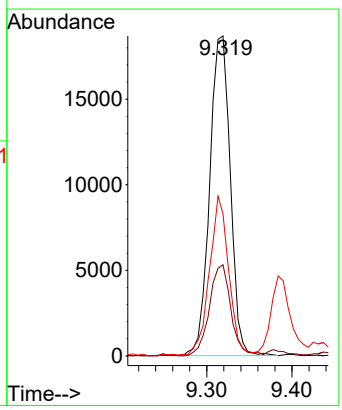


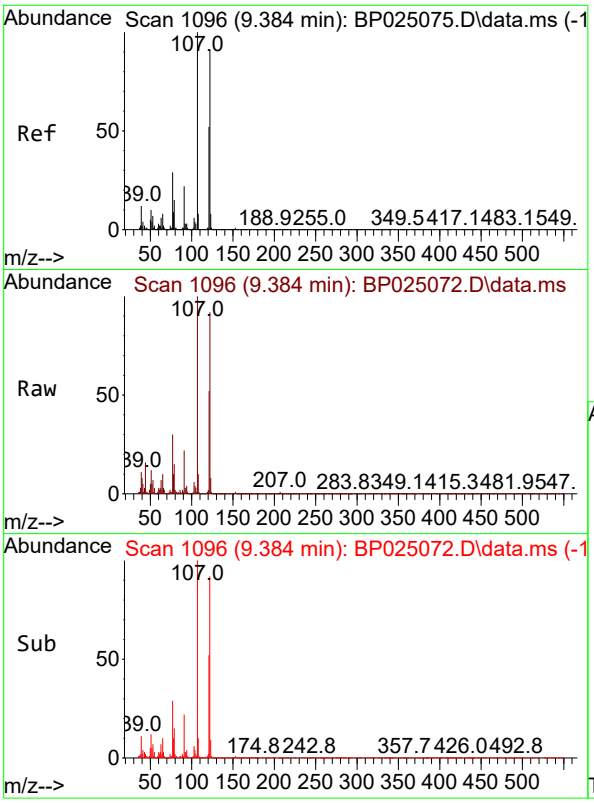


#26
2-Nitrophenol
Concen: 6.004 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:139 Resp: 31408

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.3	33.5
65	44.4	33.8	50.8



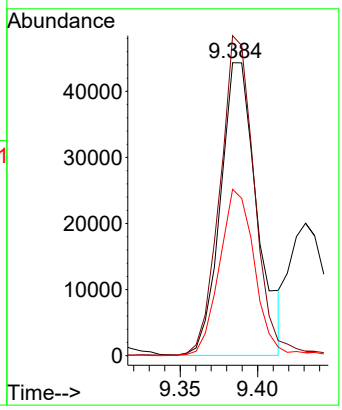


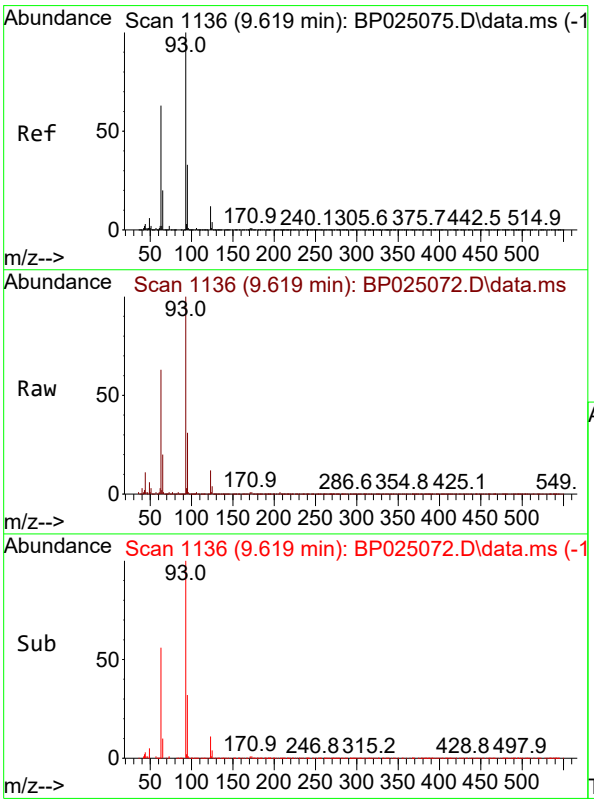
#27
2,4-Dimethylphenol
Concen: 4.753 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 72542

Ion	Ratio	Lower	Upper
122	100		
107	109.2	88.2	132.2
121	56.8	46.1	69.1

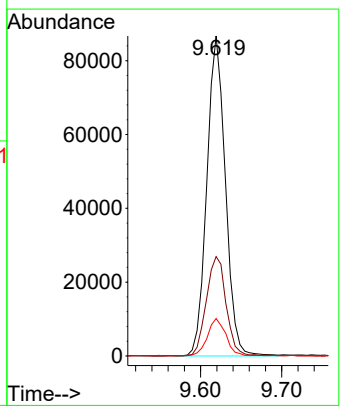


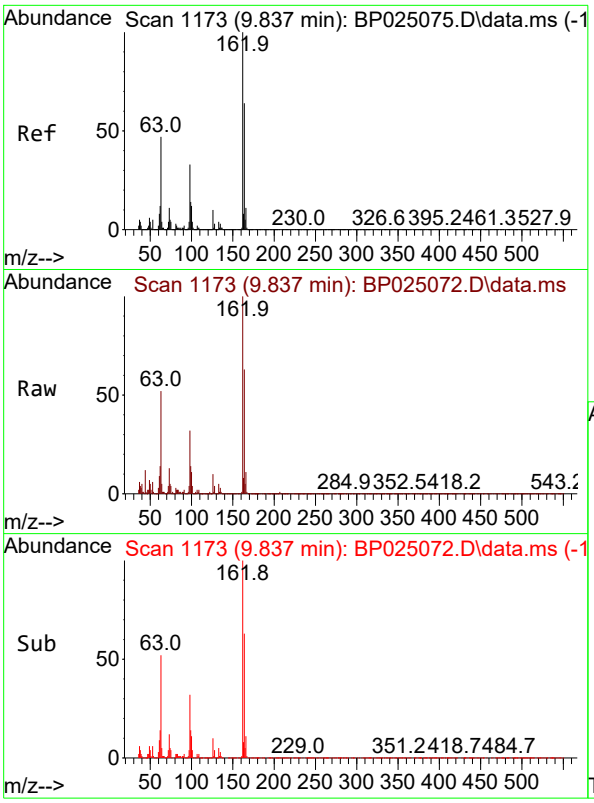


#28
bis(2-Chloroethoxy)methane
Concen: 4.954 ng
RT: 9.619 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 93 Resp: 137622

Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.4	39.6
123	11.7	10.1	15.1



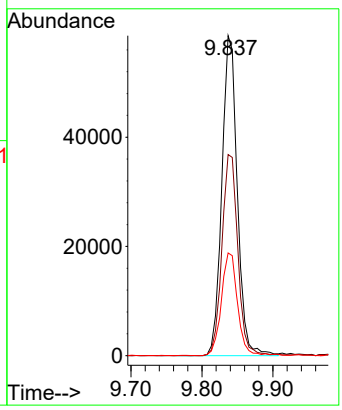


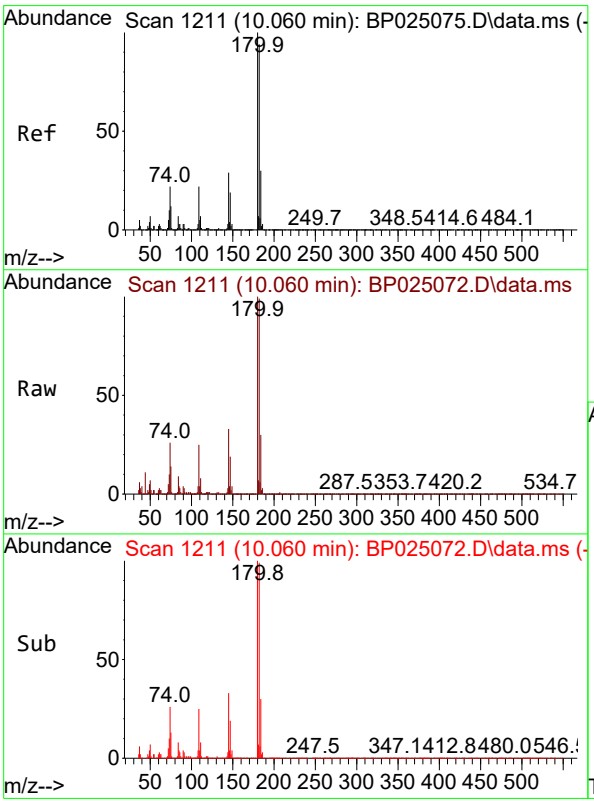
#29
2,4-Dichlorophenol
Concen: 4.171 ng
RT: 9.837 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 88262

Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.1	84.1
98	32.1	13.1	53.1

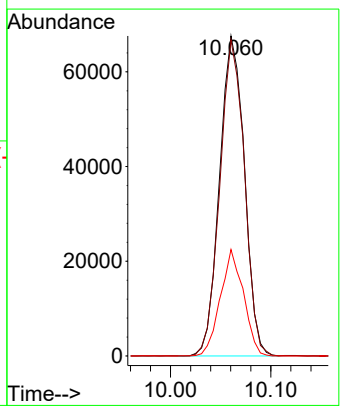


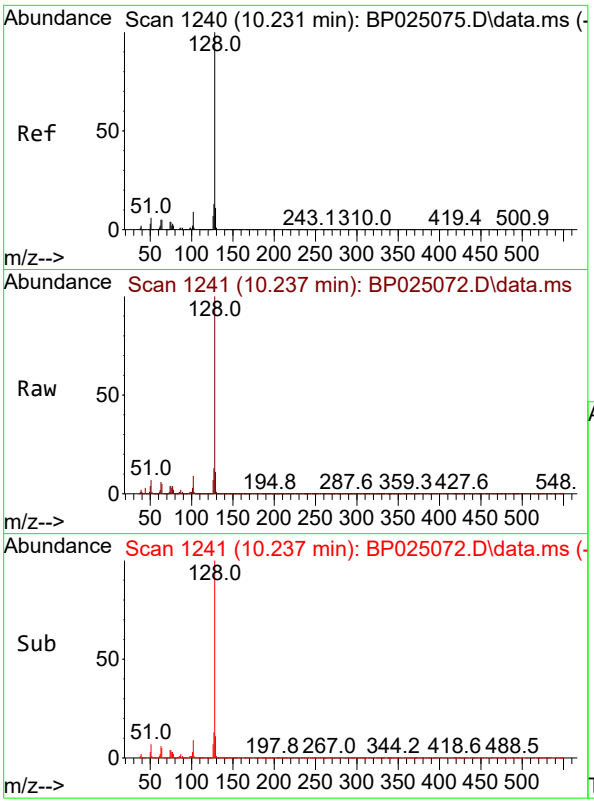


#30
1,2,4-Trichlorobenzene
Concen: 4.953 ng
RT: 10.060 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:180 Resp: 116080

Ion	Ratio	Lower	Upper
180	100		
182	98.8	75.1	112.7
145	33.3	23.3	34.9



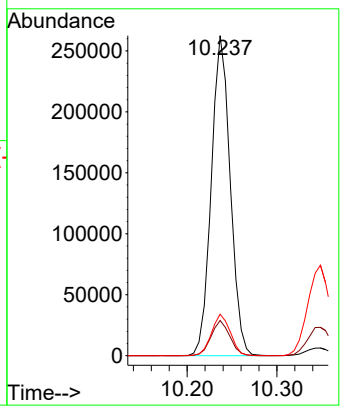


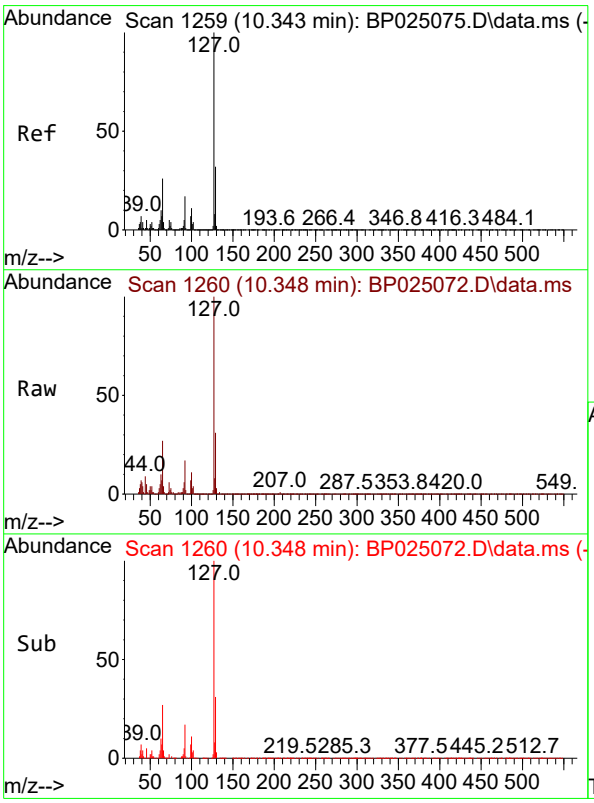
#31
Naphthalene
Concen: 5.134 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 384889

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.9	10.4	15.6

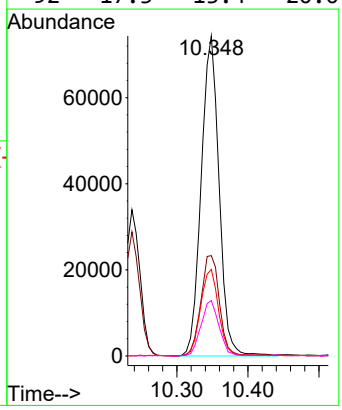


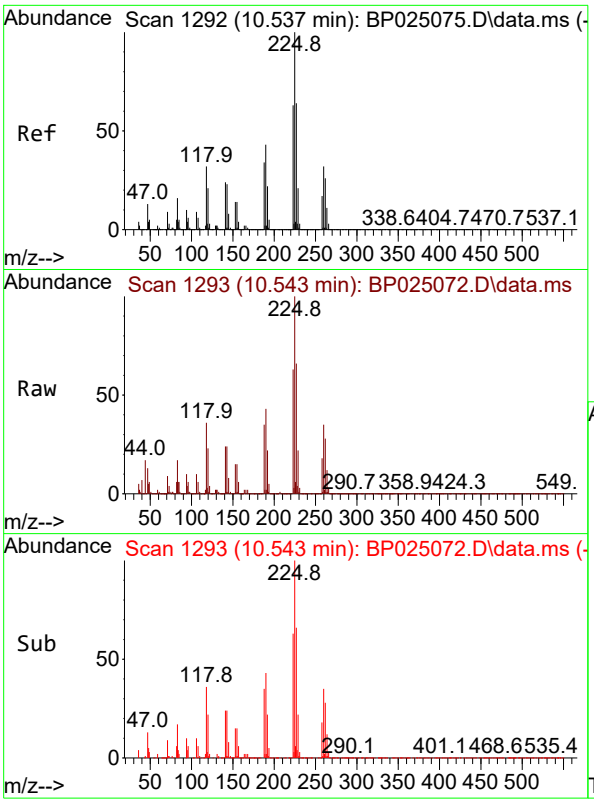


#33
4-Chloroaniline
Concen: 4.661 ng
RT: 10.348 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:127 Resp: 130394

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.4	38.2
65	27.0	21.0	31.6
92	17.3	13.4	20.0



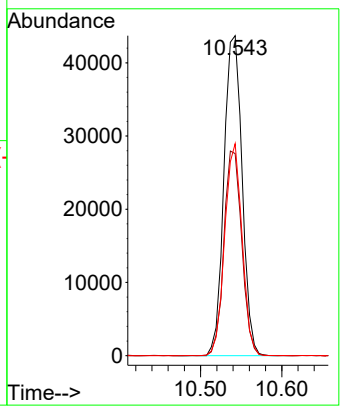


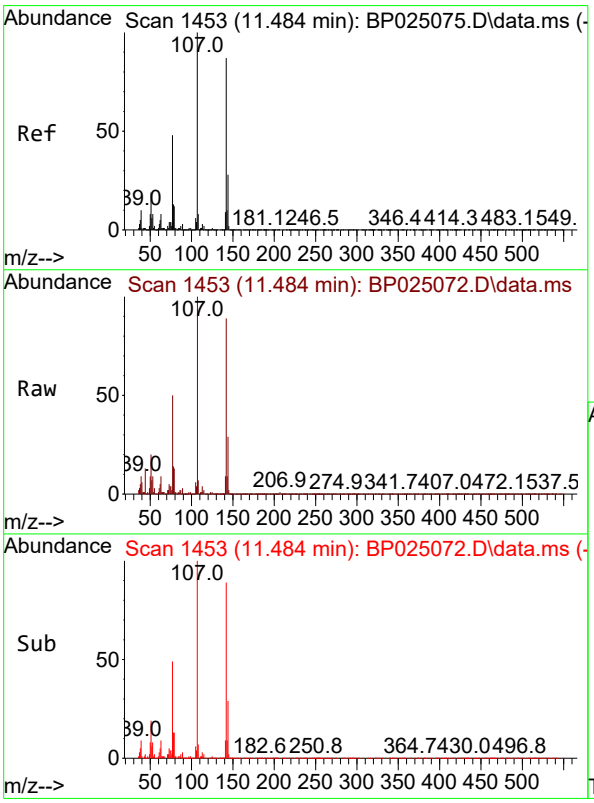
#34
Hexachlorobutadiene
Concen: 5.055 ng
RT: 10.543 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 67982

Ion	Ratio	Lower	Upper
225	100		
223	59.6	50.3	75.5
227	62.5	51.3	76.9

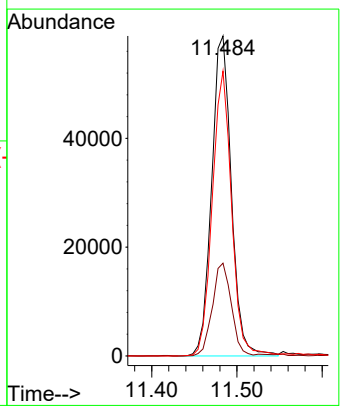


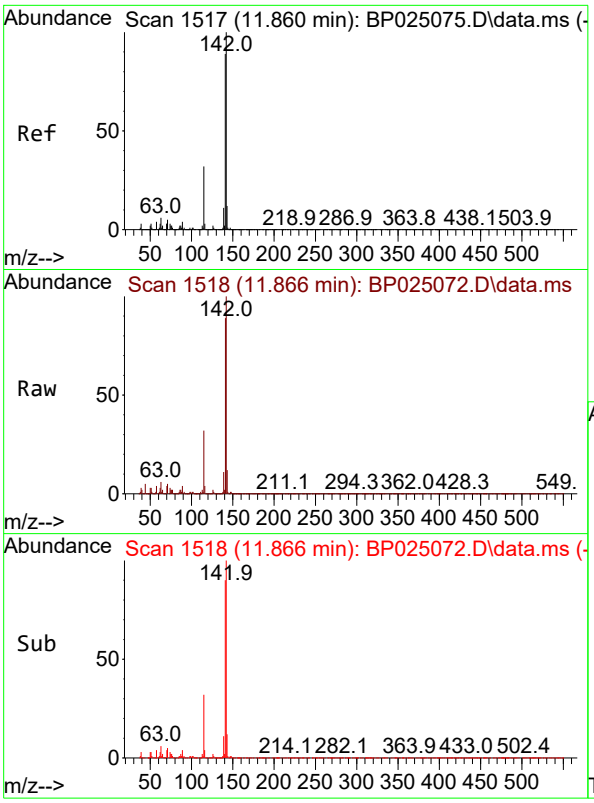


#36
4-Chloro-3-methylphenol
Concen: 4.270 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:107 Resp: 94437

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.4	33.6
142	89.0	69.6	104.4



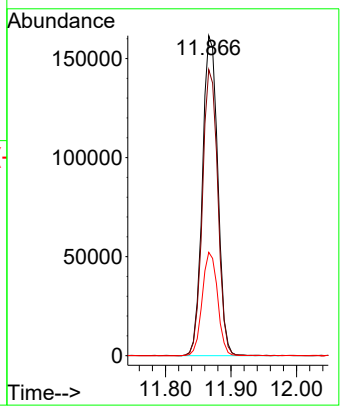


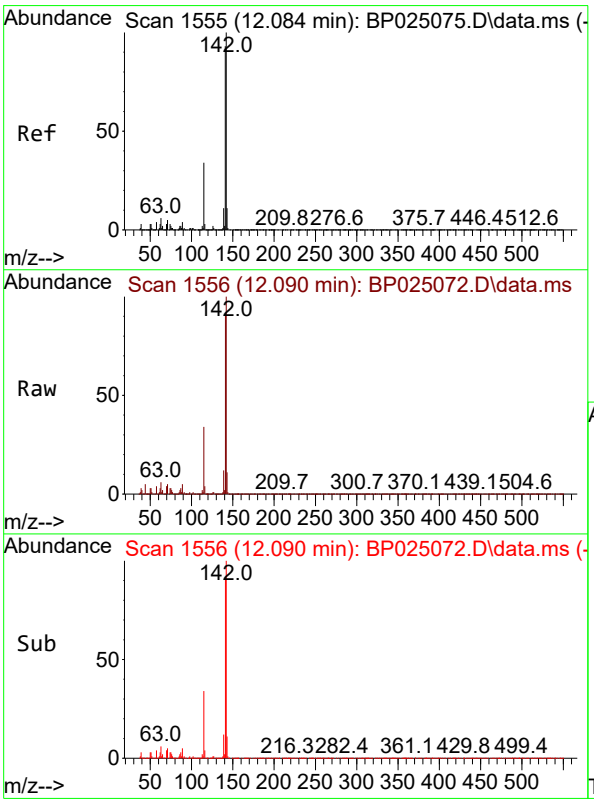
#37
2-Methylnaphthalene
Concen: 4.984 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 263643

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	32.3	25.9	38.9

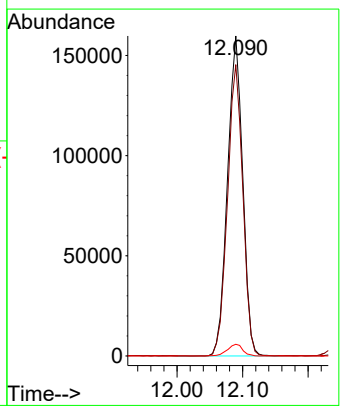


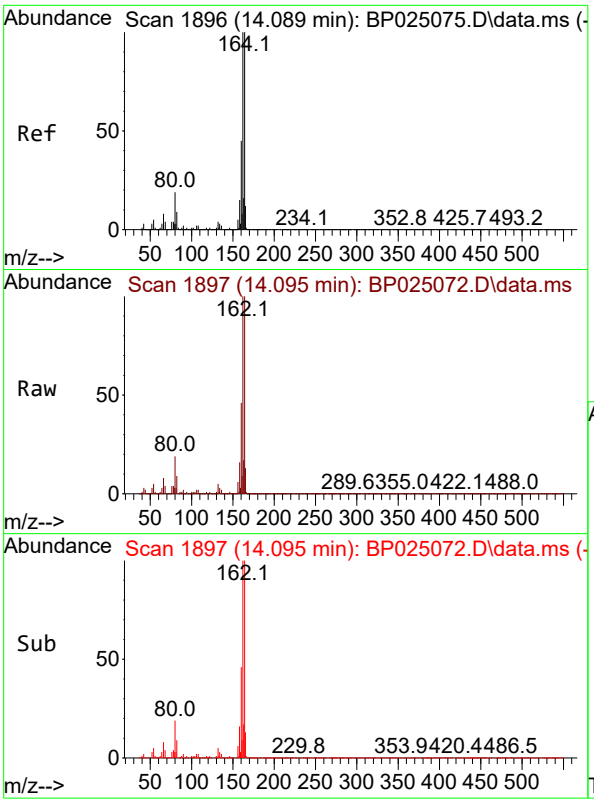


#38
1-Methylnaphthalene
Concen: 4.987 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:142 Resp: 257270

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.1	111.1
116	3.7	2.7	4.1



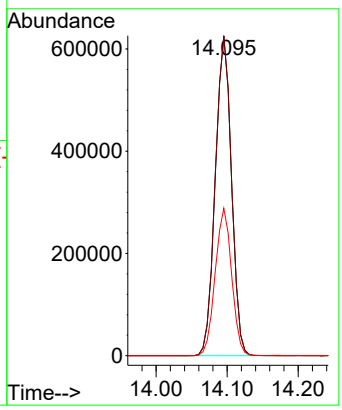


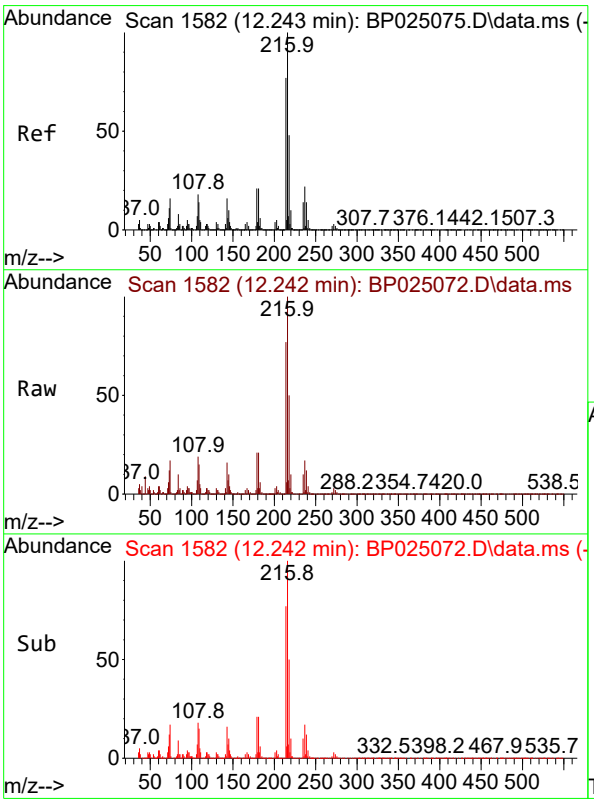
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 982759

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.3	120.5
160	46.1	35.9	53.9

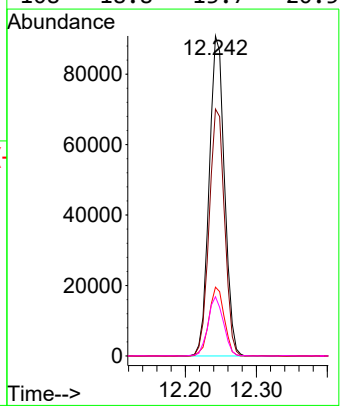


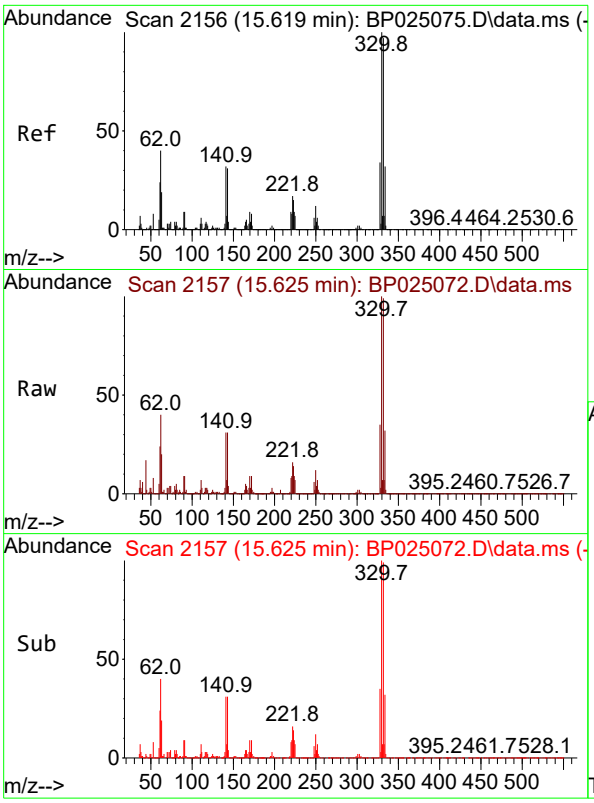


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.822 ng
RT: 12.242 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:216 Resp: 136193

Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.4	93.6
179	21.4	16.5	24.7
108	18.8	13.7	20.5



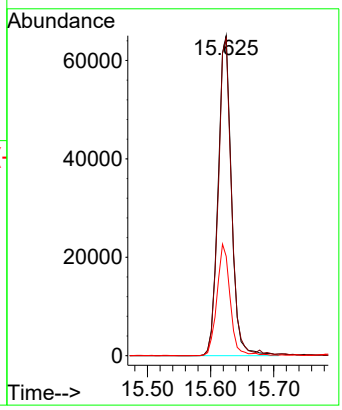


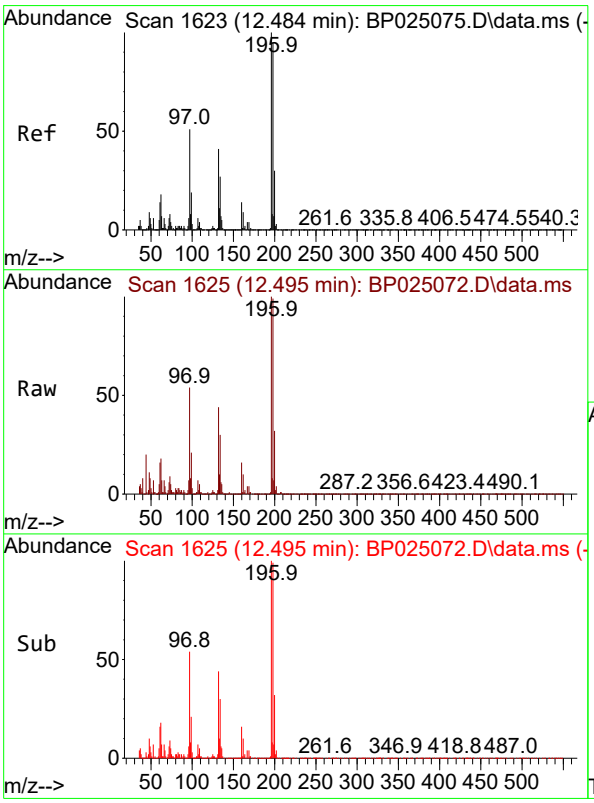
#42
2,4,6-Tribromophenol
Concen: 8.213 ng
RT: 15.625 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 95353

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	34.7	26.0	39.0

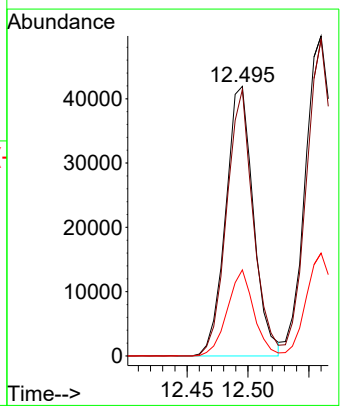


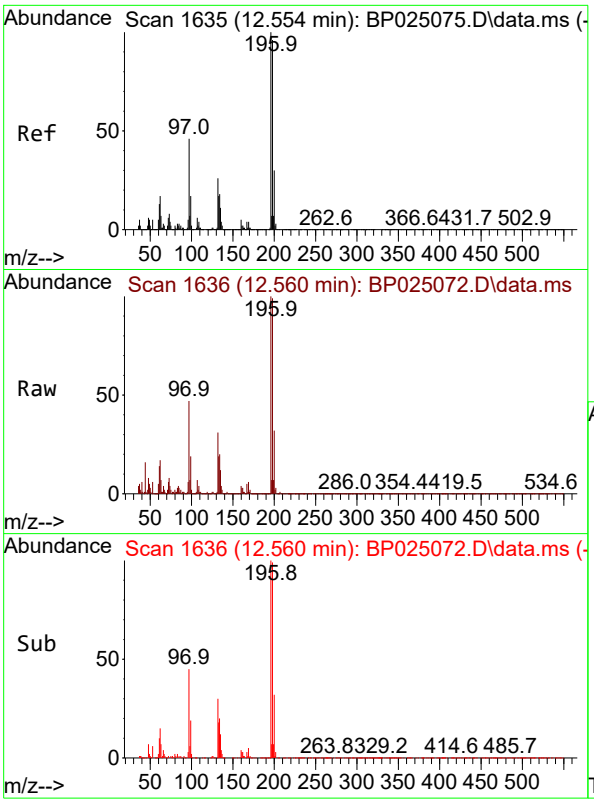


#43
2,4,6-Trichlorophenol
Concen: 3.890 ng
RT: 12.495 min Scan# 1625
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:196 Resp: 66524

Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.2	114.2
200	31.9	24.3	36.5



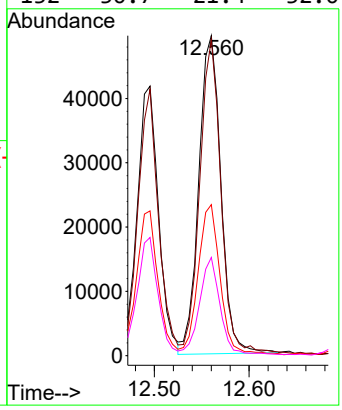


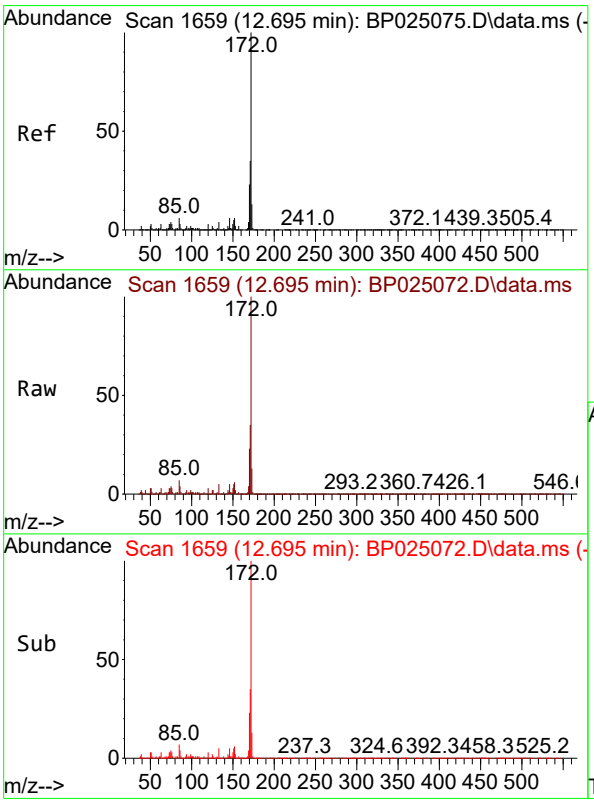
#44
2,4,5-Trichlorophenol
Concen: 4.135 ng
RT: 12.560 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 80137

Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.6	115.0
97	47.2	36.6	55.0
132	30.7	21.4	32.0

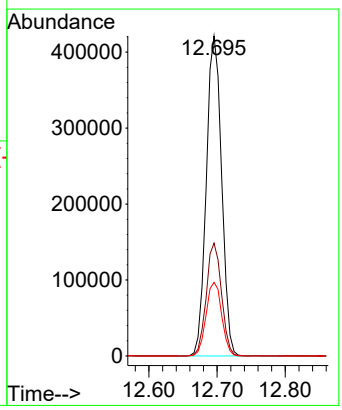


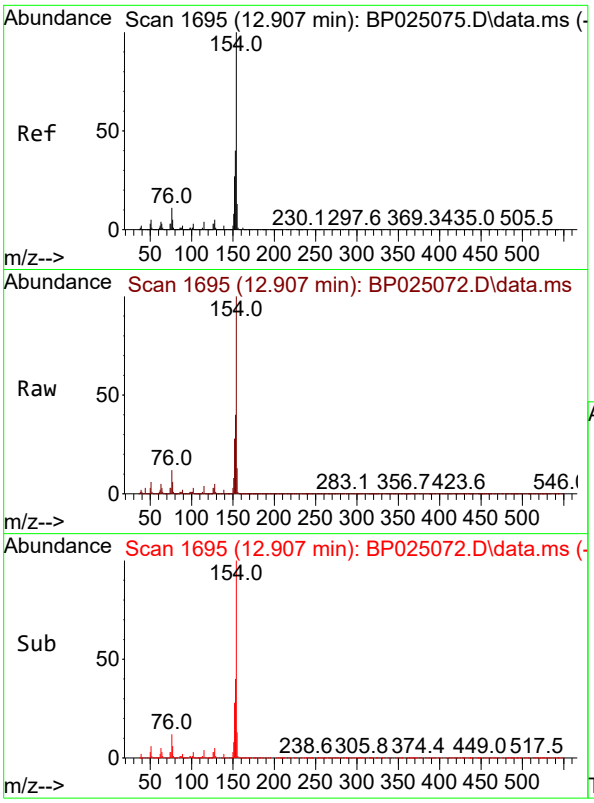


#45
2-Fluorobiphenyl
Concen: 10.365 ng
RT: 12.695 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:172 Resp: 657518

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.0	18.7	28.1



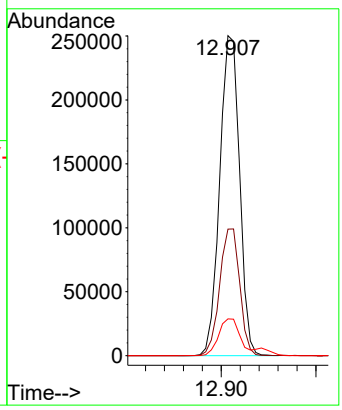


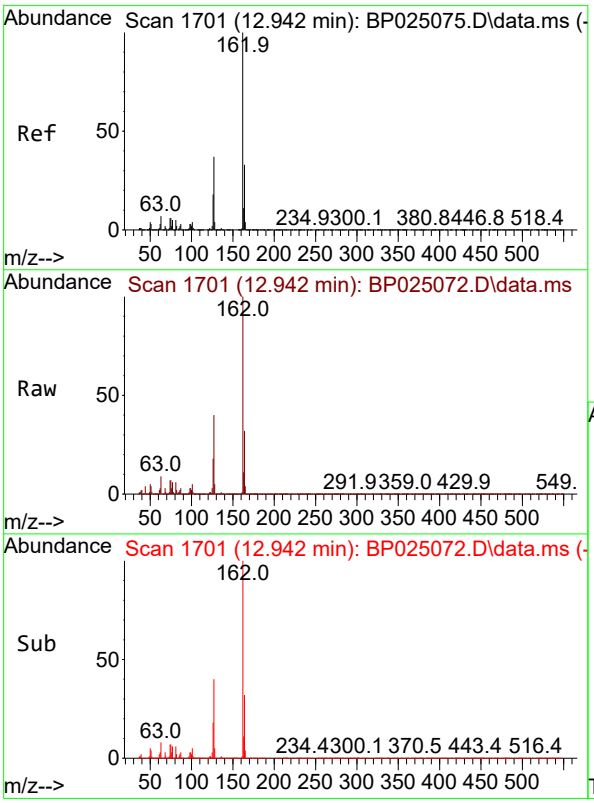
#46
1,1'-Biphenyl
Concen: 5.092 ng
RT: 12.907 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 364077

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.2	60.2
76	11.5	0.0	31.5

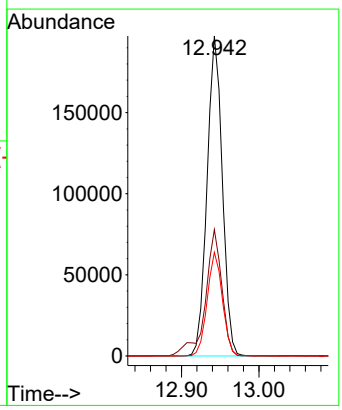


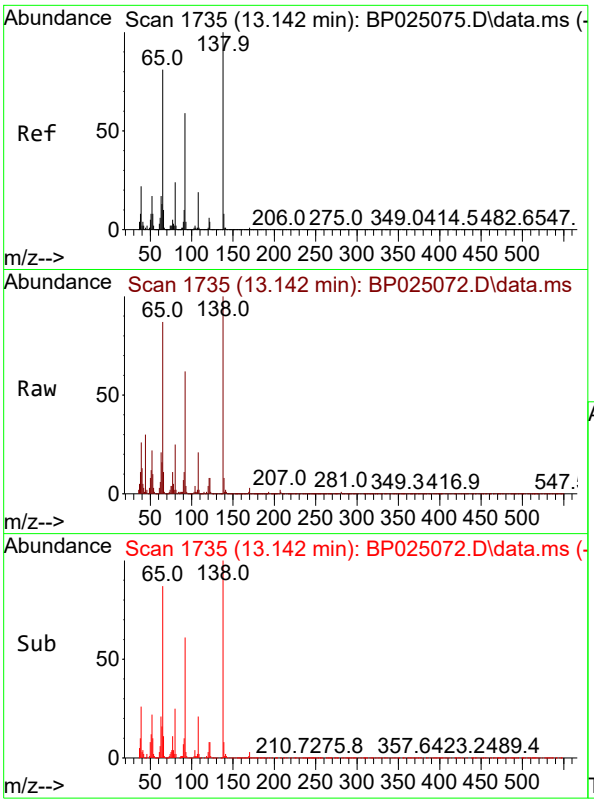


#47
2-Chloronaphthalene
Concen: 5.016 ng
RT: 12.942 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:162 Resp: 269579

Ion	Ratio	Lower	Upper
162	100		
127	39.5	29.4	44.2
164	32.4	26.4	39.6



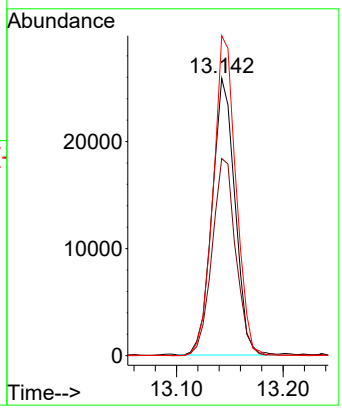


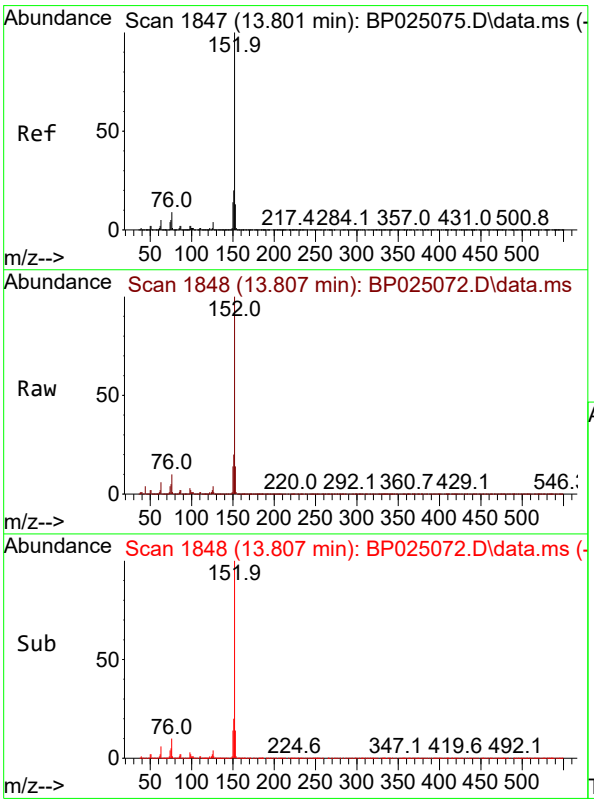
#48
2-Nitroaniline
Concen: 5.521 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 38515

Ion	Ratio	Lower	Upper
65	100		
92	71.1	58.7	88.1
138	115.3	99.0	148.4

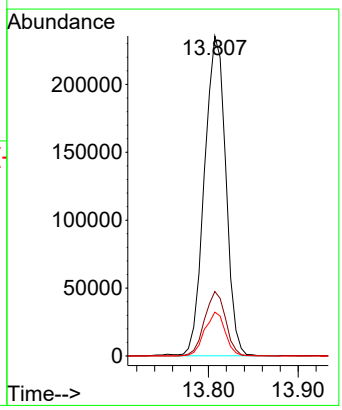


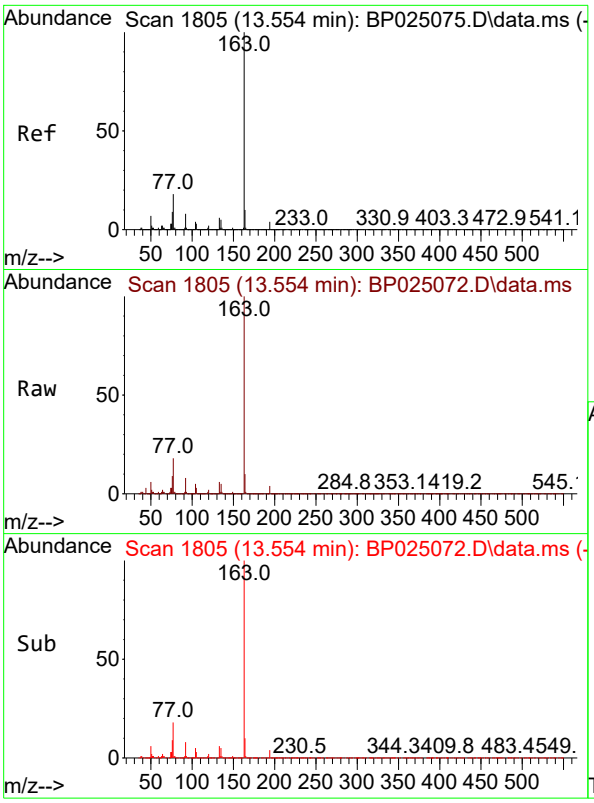


#49
Acenaphthylene
Concen: 4.726 ng
RT: 13.807 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:152 Resp: 388781

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.7	10.7	16.1



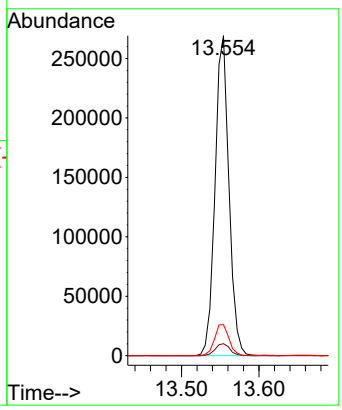


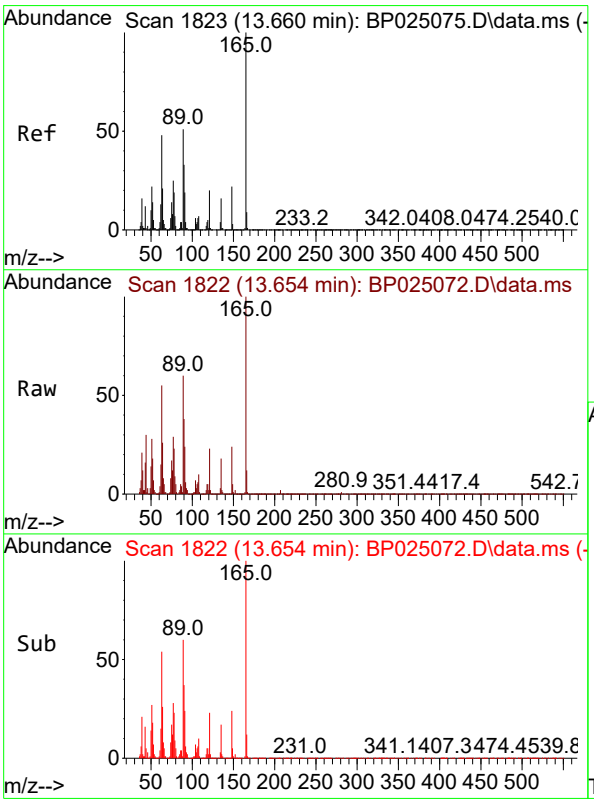
#50
Dimethylphthalate
Concen: 4.871 ng
RT: 13.554 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 335065

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.7	8.0	12.0

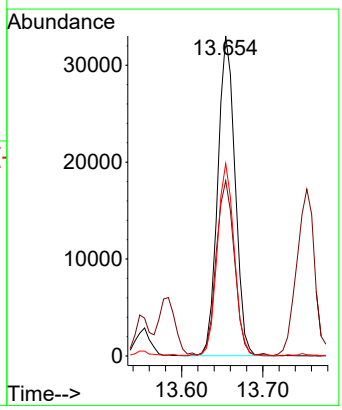


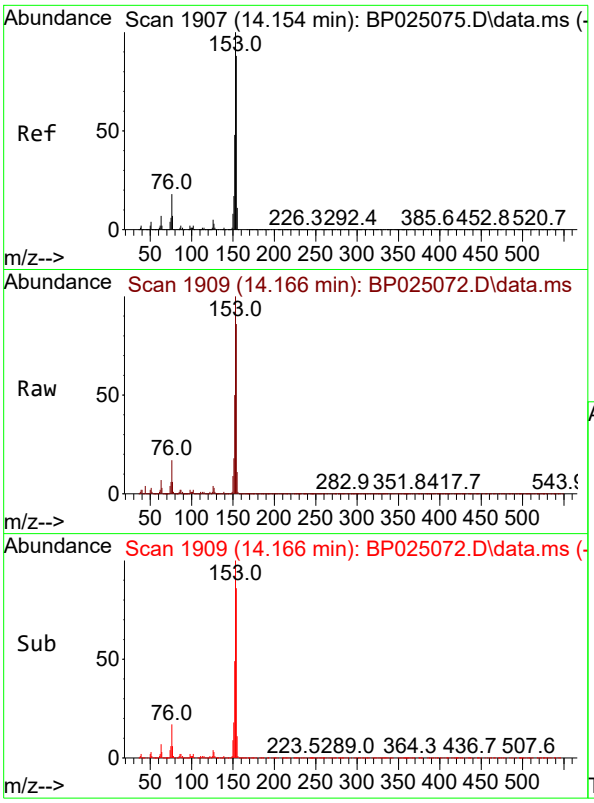


#51
2,6-Dinitrotoluene
Concen: 3.651 ng
RT: 13.654 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:165 Resp: 48991

Ion	Ratio	Lower	Upper
165	100		
63	54.7	38.5	57.7
89	60.1	40.6	61.0



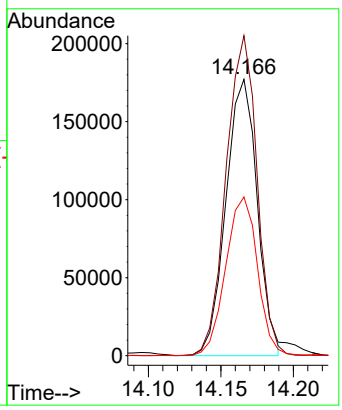


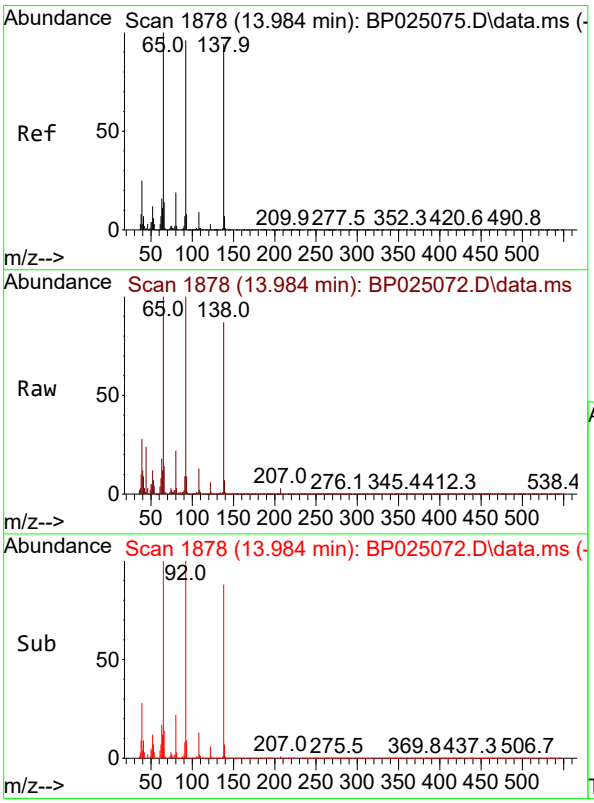
#52
Acenaphthene
Concen: 5.030 ng m
RT: 14.166 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 266690

Ion	Ratio	Lower	Upper
154	100		
153	115.8	90.6	136.0
152	57.5	43.8	65.8

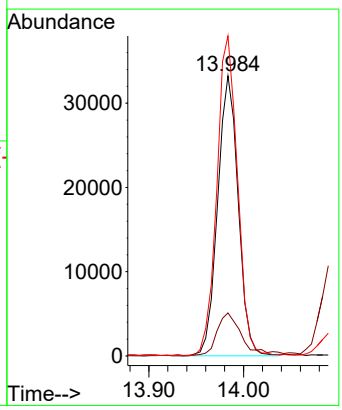


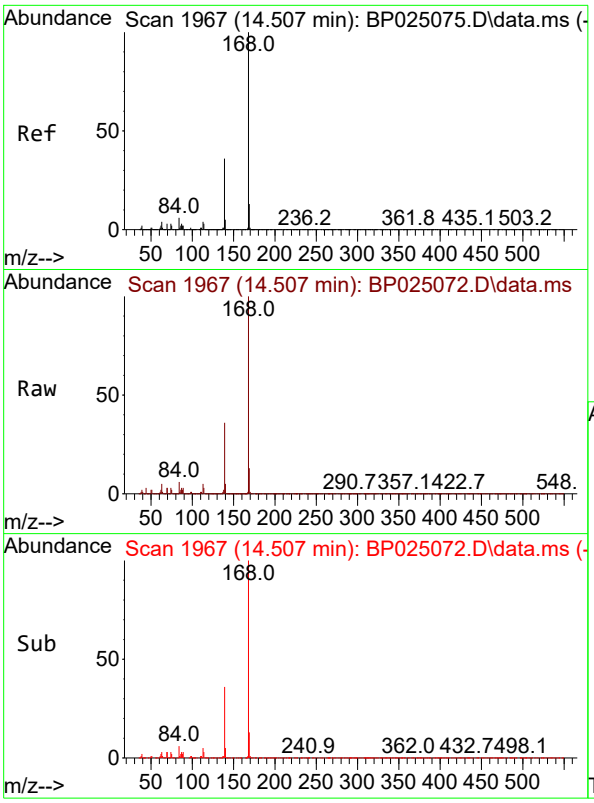


#53
3-Nitroaniline
Concen: 3.491 ng
RT: 13.984 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:138 Resp: 50202

Ion	Ratio	Lower	Upper
138	100		
108	15.4	7.8	11.8#
92	114.2	81.0	121.4



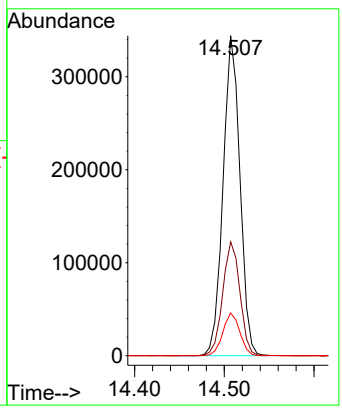


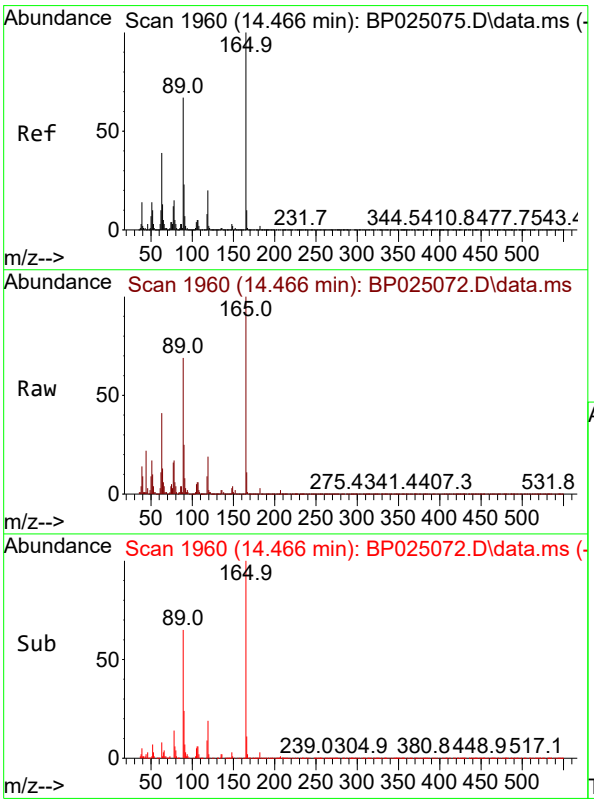
#55
Dibenzofuran
Concen: 5.135 ng
RT: 14.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 449302

Ion	Ratio	Lower	Upper
168	100		
139	35.6	28.6	43.0
169	13.4	10.7	16.1

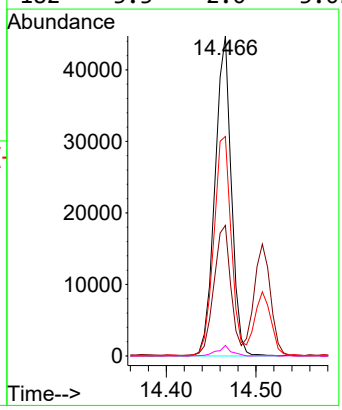


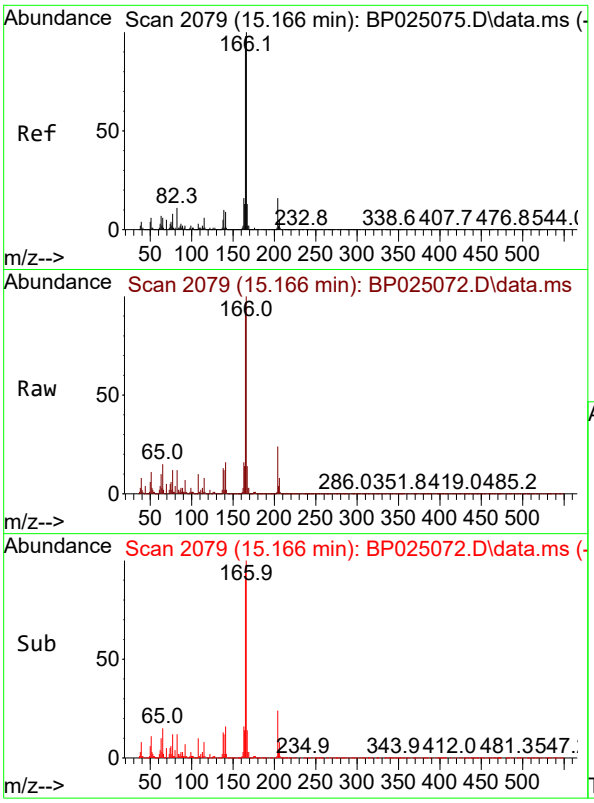


#57
2,4-Dinitrotoluene
Concen: 5.360 ng
RT: 14.466 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:165 Resp: 56730

Ion	Ratio	Lower	Upper
165	100		
63	40.8	31.0	46.4
89	68.6	53.4	80.0
182	3.3	2.0	3.0#



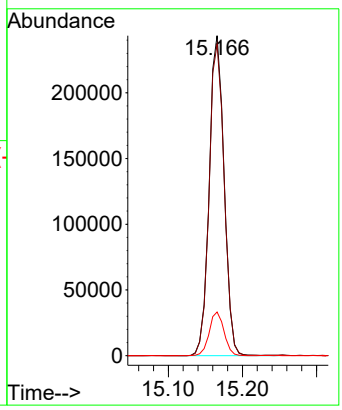


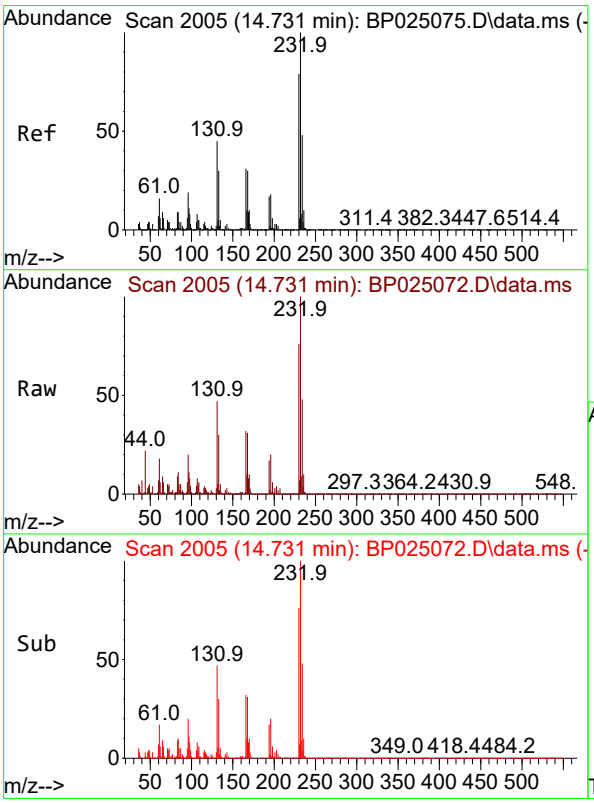
#58
Fluorene
Concen: 5.016 ng
RT: 15.166 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 339444

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	117.8
167	13.7	10.7	16.1

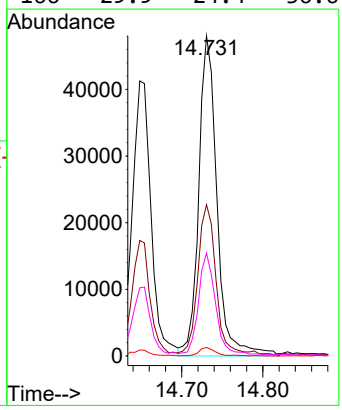


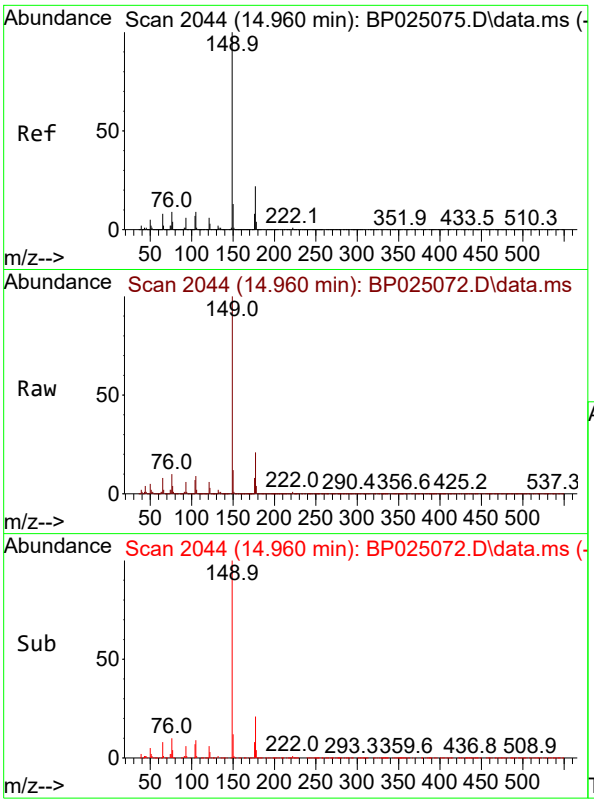


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.270 ng
RT: 14.731 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:232 Resp: 74947

Ion	Ratio	Lower	Upper
232	100		
131	47.0	35.7	53.5
130	2.5	1.8	2.6
166	29.9	24.4	36.6



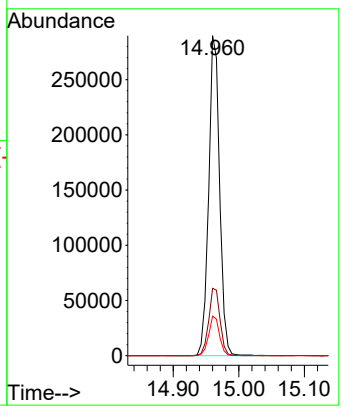


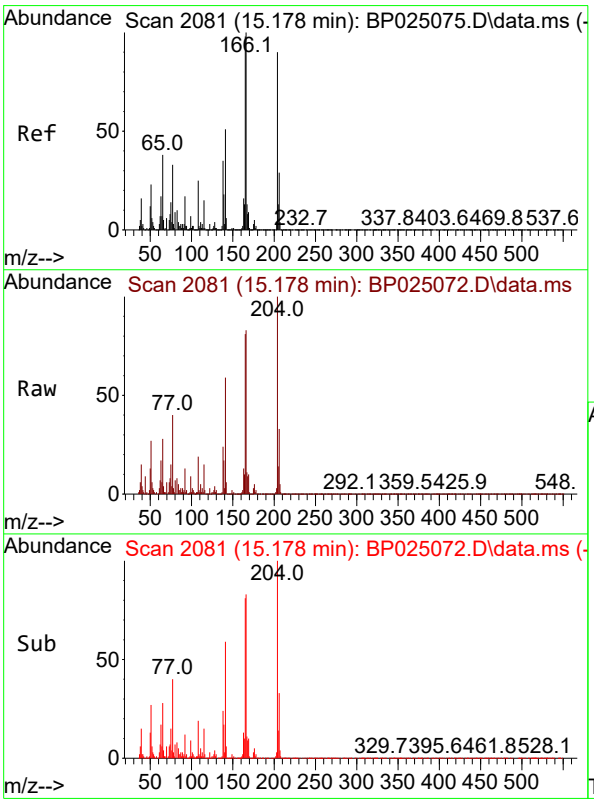
#60
Diethylphthalate
Concen: 4.865 ng
RT: 14.960 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 336119

Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.8	26.8
150	12.4	10.2	15.2

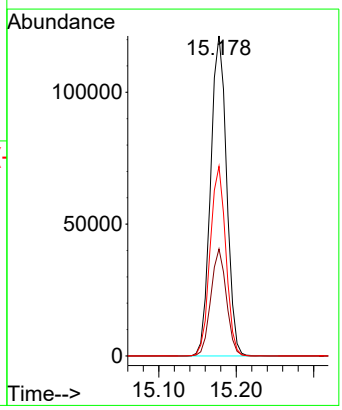


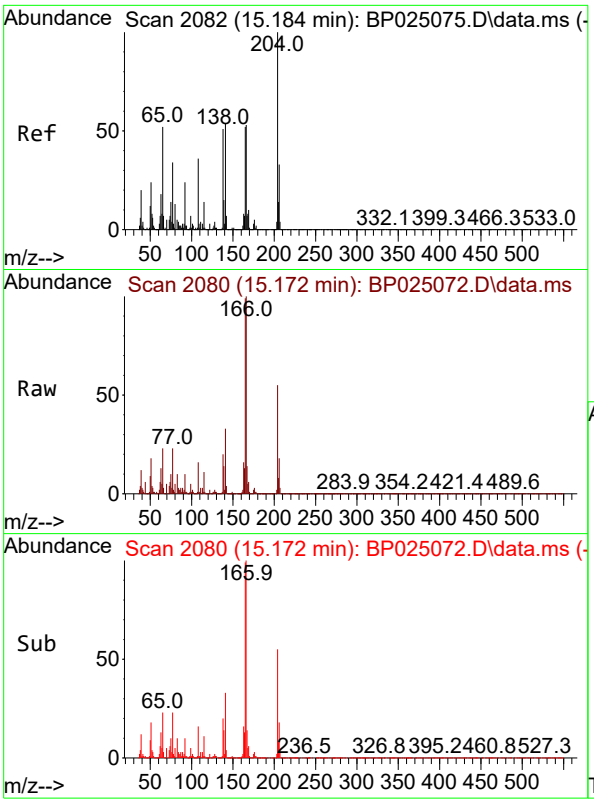


#61
4-Chlorophenyl-phenylether
Concen: 5.212 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:204 Resp: 174567

Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.6
141	59.2	45.1	67.7



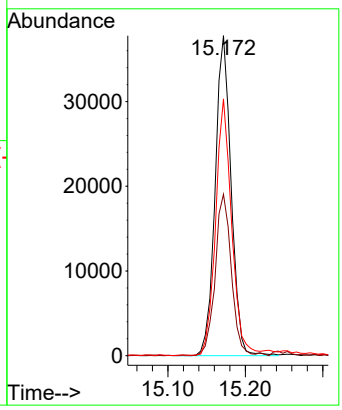


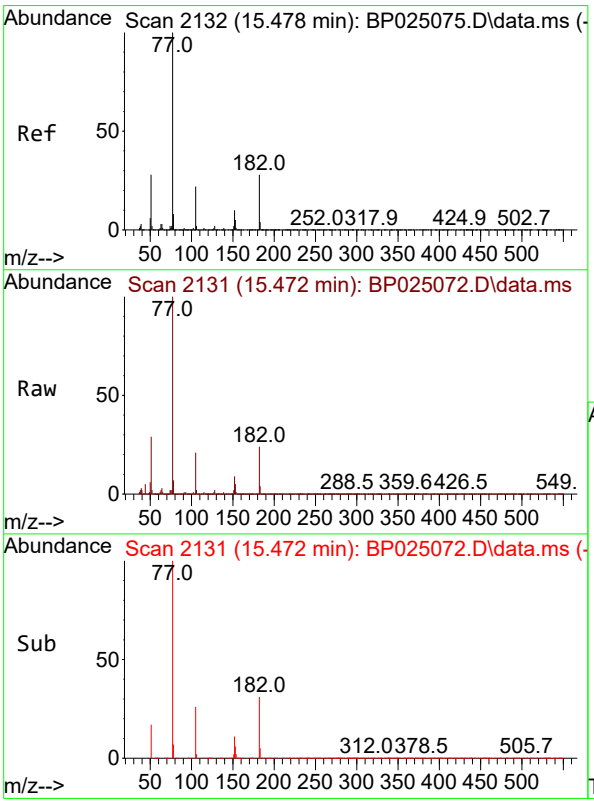
#62
4-Nitroaniline
Concen: 3.594 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 54190

Ion	Ratio	Lower	Upper
138	100		
92	50.4	26.0	66.0
108	80.2	50.0	90.0

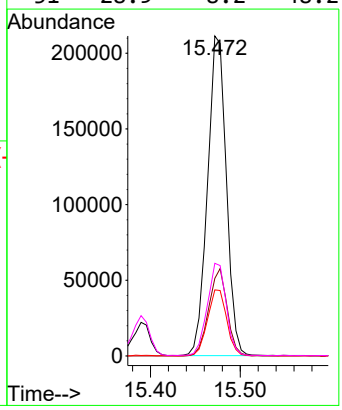


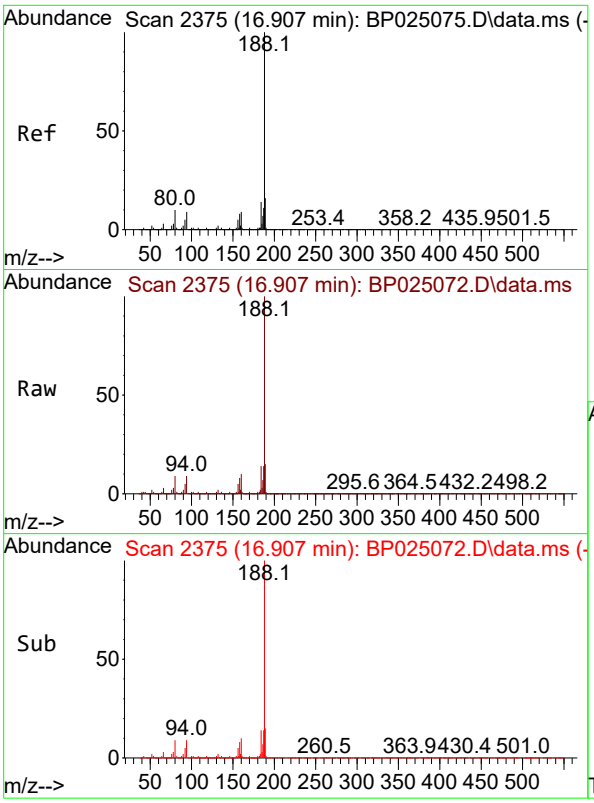


#63
Azobenzene
Concen: 4.995 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 77 Resp: 307304

Ion	Ratio	Lower	Upper
77	100		
182	24.3	7.7	47.7
105	20.6	1.9	41.9
51	28.9	8.2	48.2



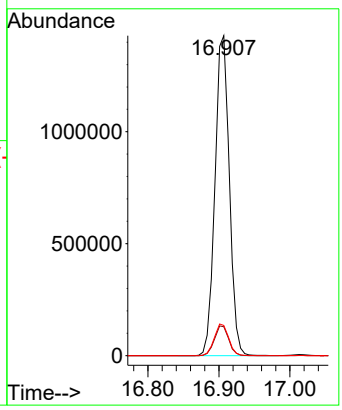


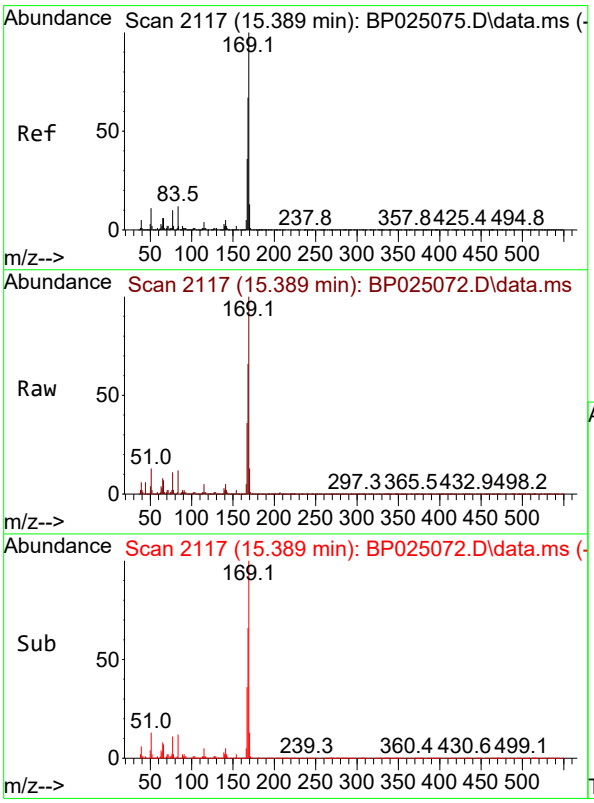
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 1998531

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.5	7.8	11.6

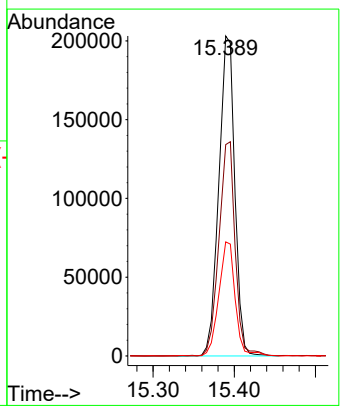


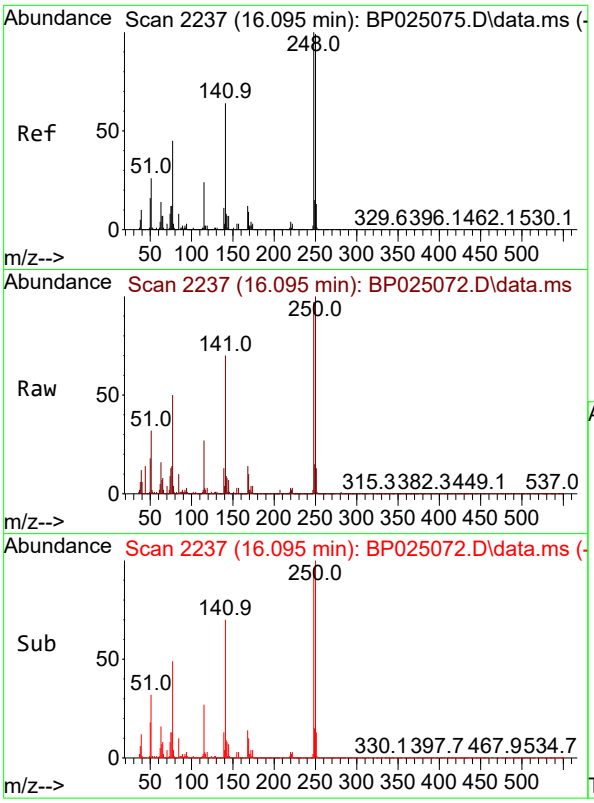


#66
n-Nitrosodiphenylamine
Concen: 4.863 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:169 Resp: 278113

Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.1	81.1
167	35.7	29.0	43.6



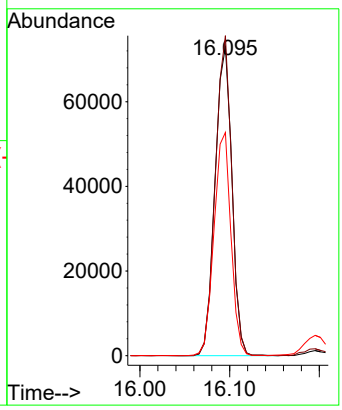


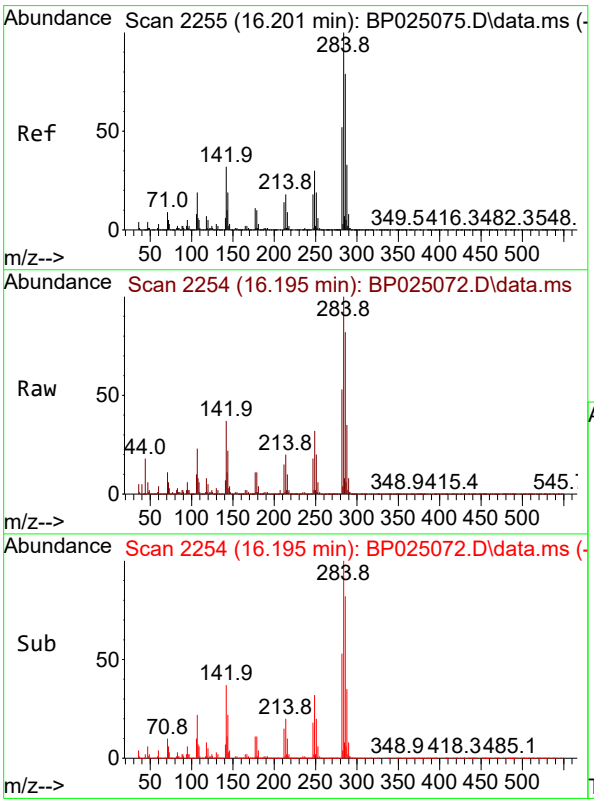
#67
4-Bromophenyl-phenylether
Concen: 4.658 ng
RT: 16.095 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 95310

Ion	Ratio	Lower	Upper
248	100		
250	103.6	79.4	119.2
141	72.3	51.4	77.0

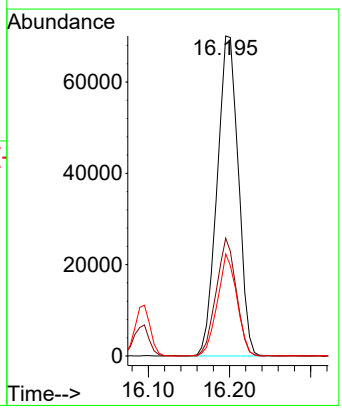


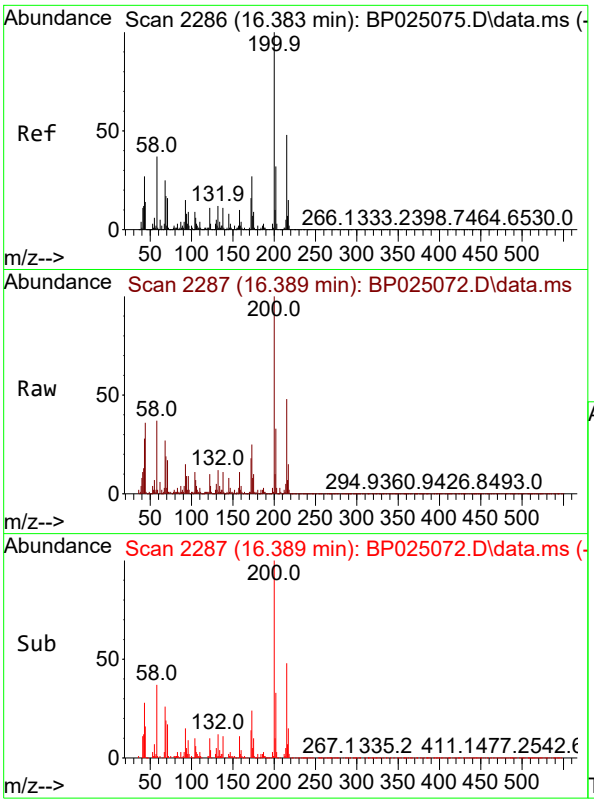


#68
Hexachlorobenzene
Concen: 5.093 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:284 Resp: 127389

Ion	Ratio	Lower	Upper
284	100		
142	36.8	25.9	38.9
249	31.9	23.8	35.8



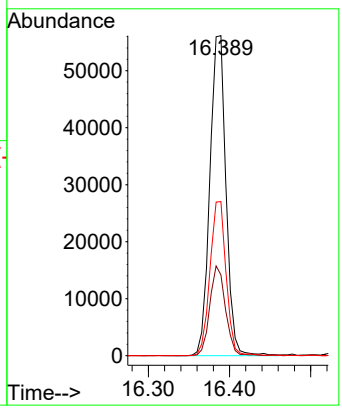


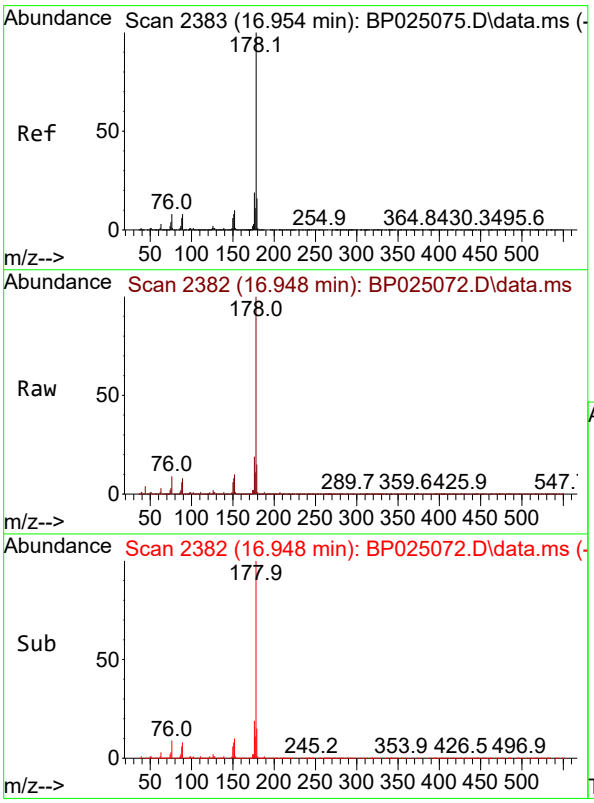
#69
Atrazine
Concen: 4.620 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 77424

Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.6	46.6
215	48.2	28.0	68.0

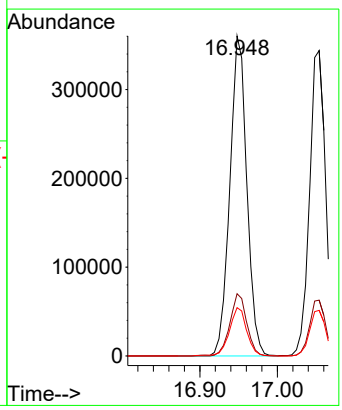


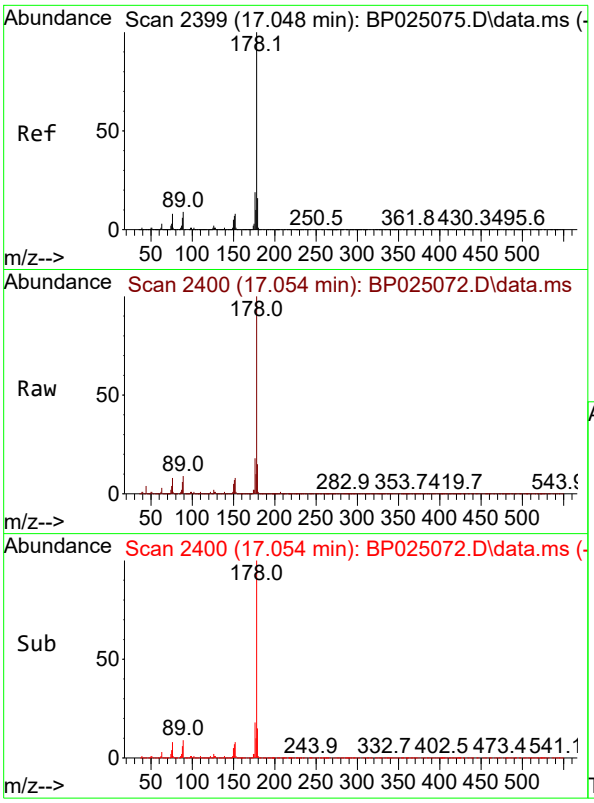


#71
Phenanthrene
Concen: 5.156 ng
RT: 16.948 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:178 Resp: 550598

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.1	12.6	19.0



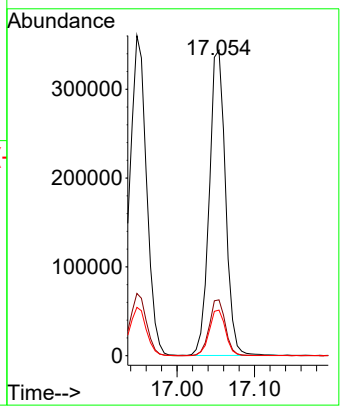


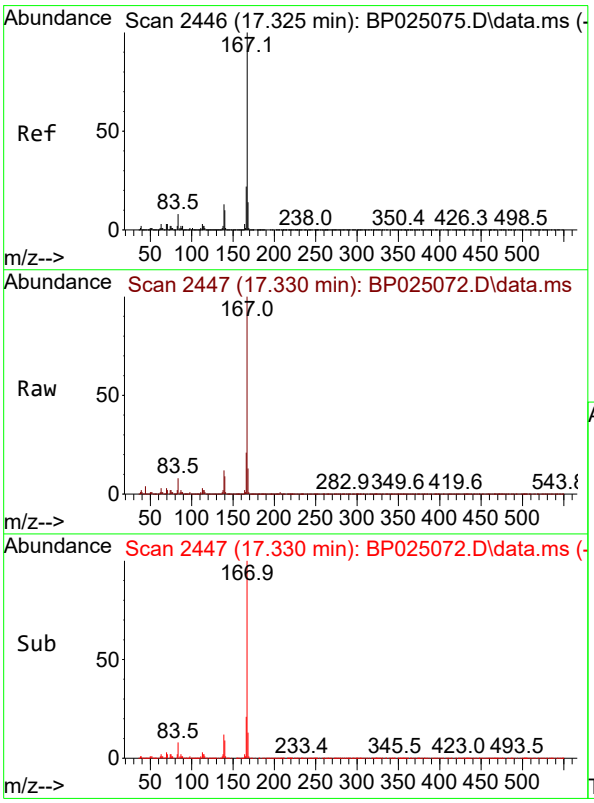
#72
Anthracene
Concen: 4.868 ng
RT: 17.054 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 498692

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	14.9	12.5	18.7

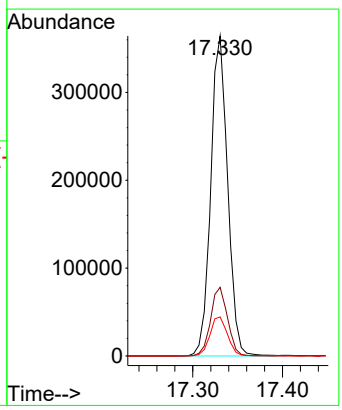


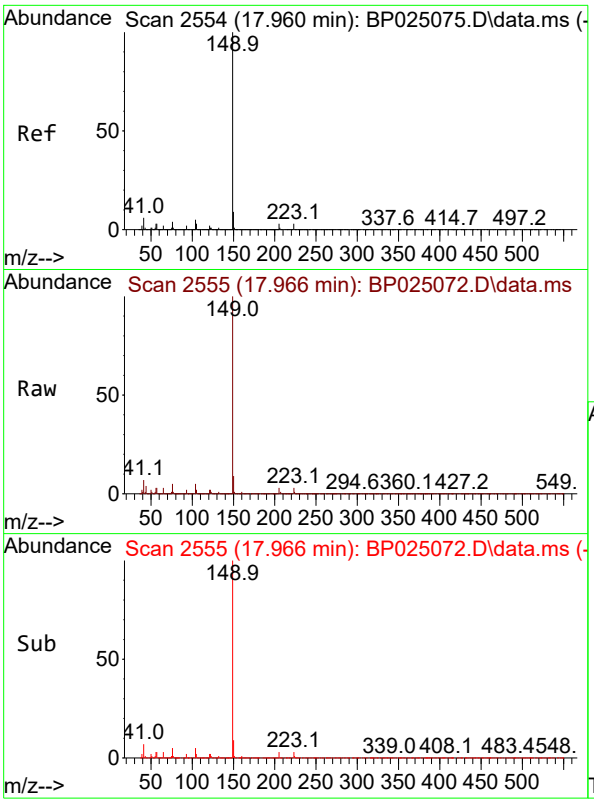


#73
Carbazole
Concen: 4.758 ng
RT: 17.330 min Scan# 2447
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:167 Resp: 476619

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.2	10.4	15.6



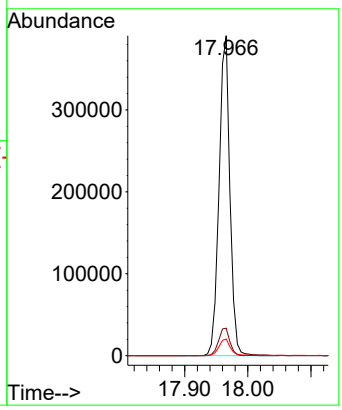


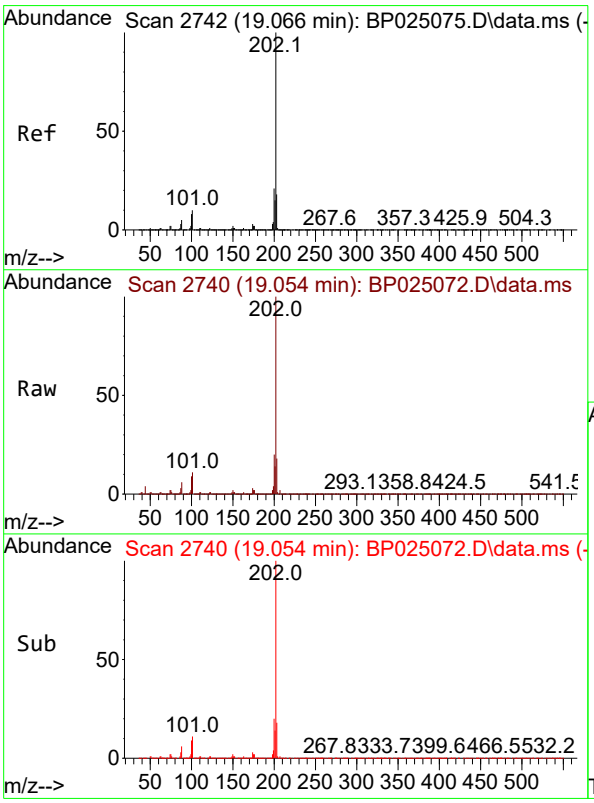
#74
Di-n-butylphthalate
Concen: 4.162 ng
RT: 17.966 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 464272

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	5.2	3.8	5.6

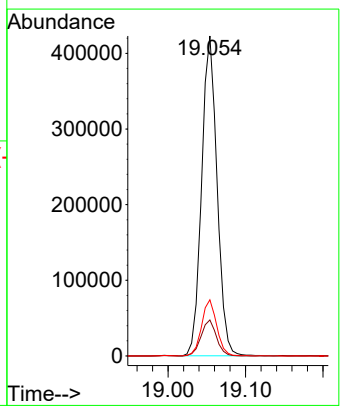


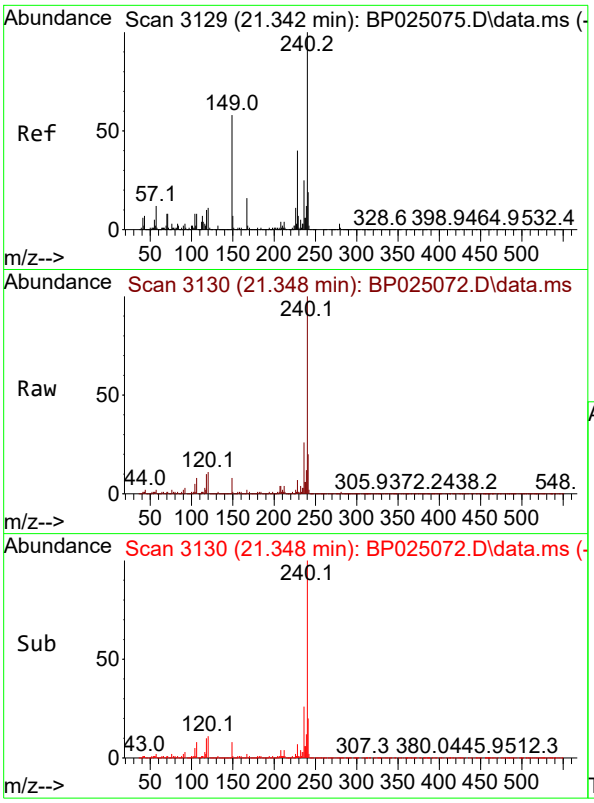


#75
Fluoranthene
Concen: 4.684 ng
RT: 19.054 min Scan# 2740
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:202 Resp: 584660

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.4
203	17.6	0.0	37.6



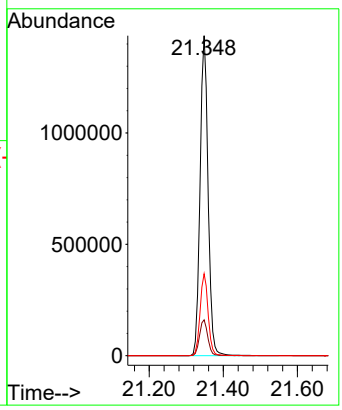


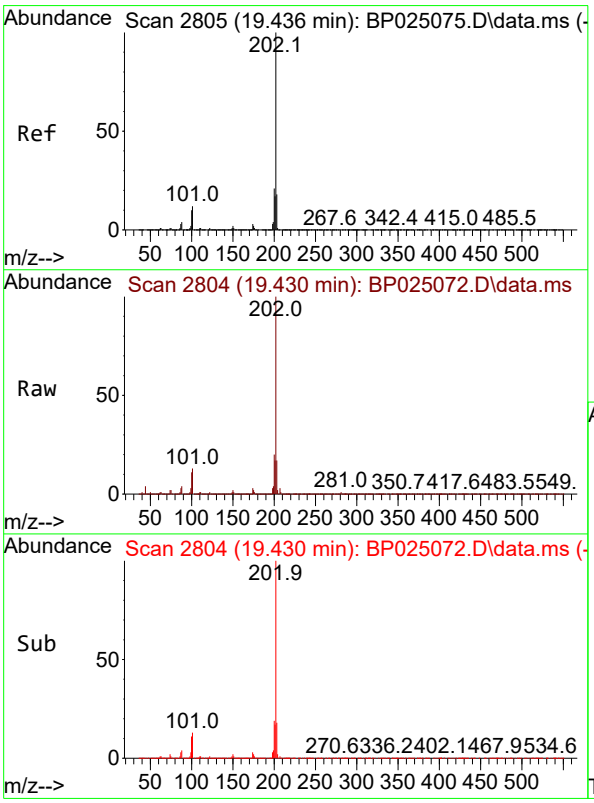
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 2143770

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.6	20.3	30.5

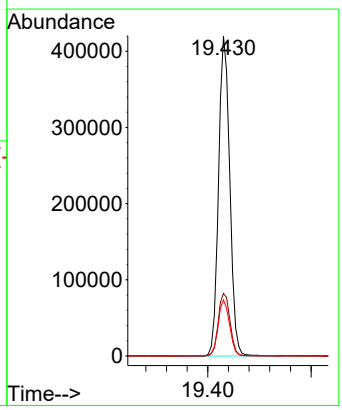


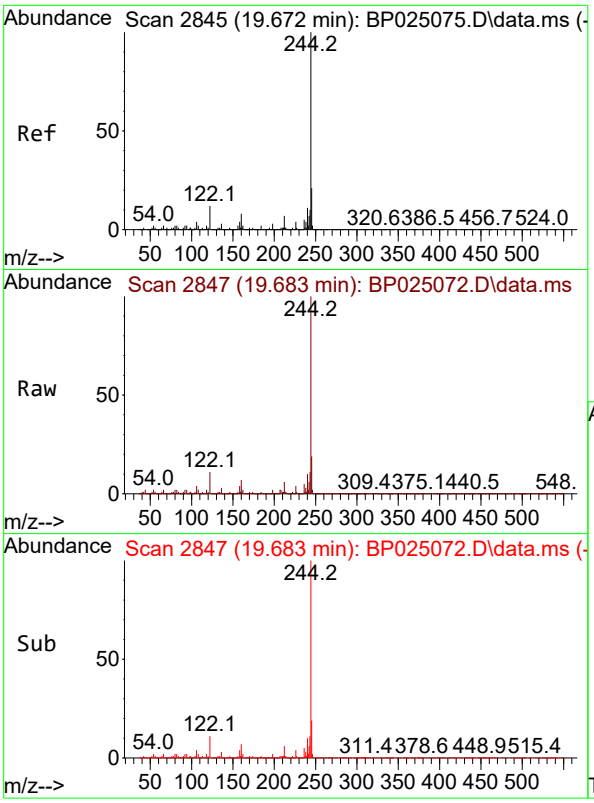


#78
Pyrene
Concen: 4.750 ng
RT: 19.430 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:202 Resp: 630754

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.1	25.7
203	17.5	14.1	21.1



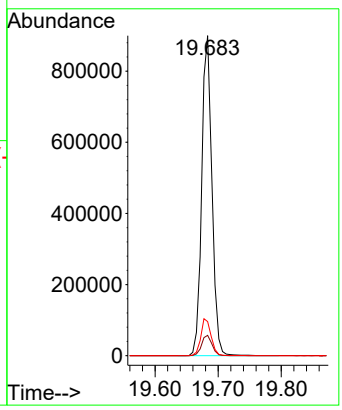


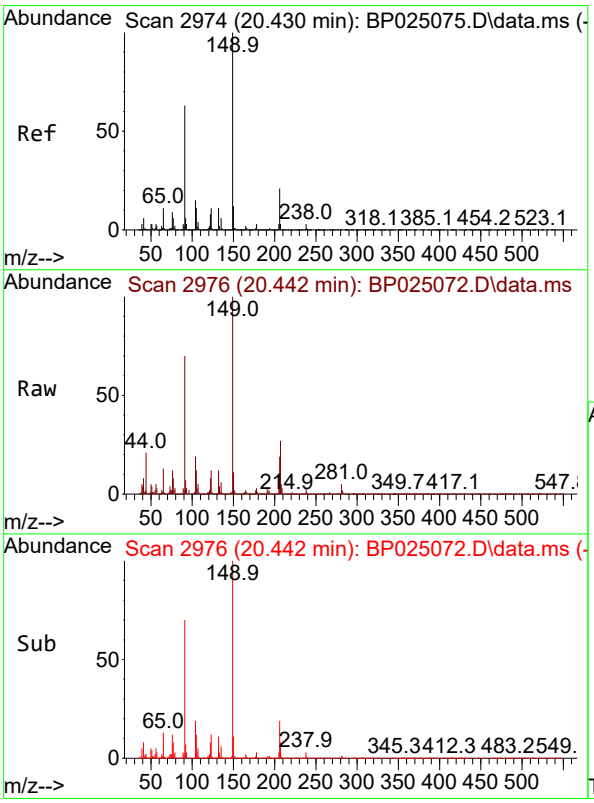
#79
Terphenyl-d14
Concen: 10.363 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 1010825

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	10.6	9.4	14.2

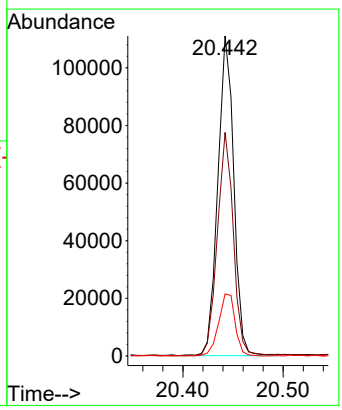


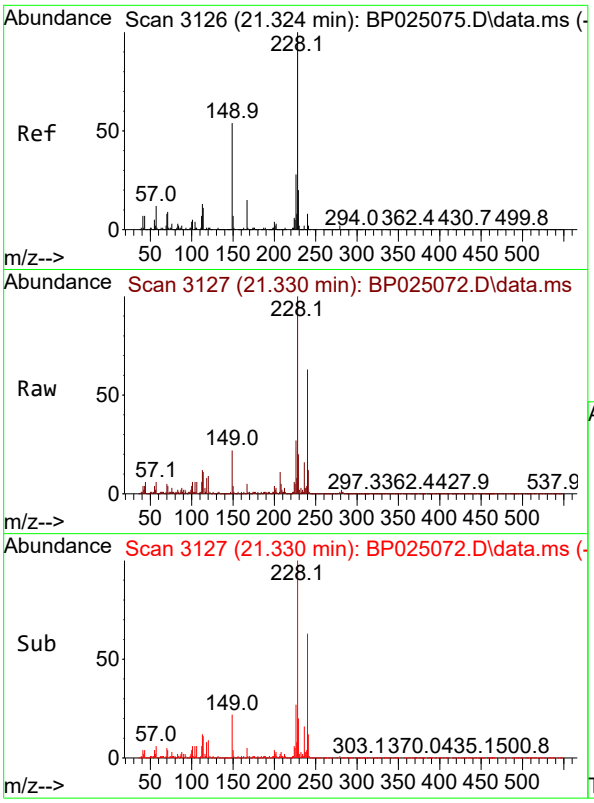


#80
Butylbenzylphthalate
Concen: 5.890 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:149 Resp: 122350

Ion	Ratio	Lower	Upper
149	100		
91	69.9	50.6	76.0
206	19.4	17.2	25.8



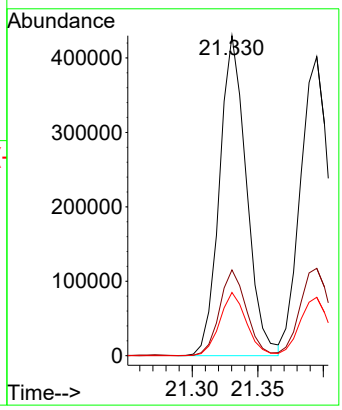


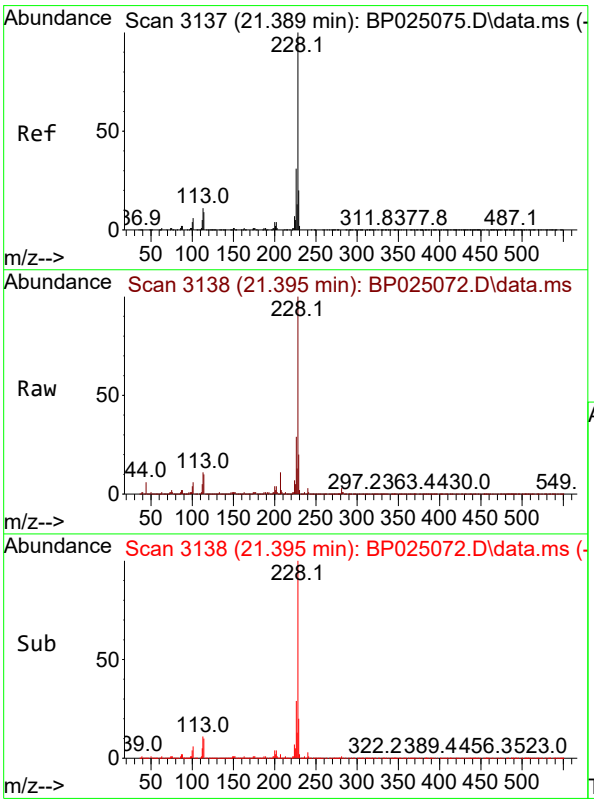
#81
Benzo(a)anthracene
Concen: 4.729 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 614350

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.7	16.0	24.0

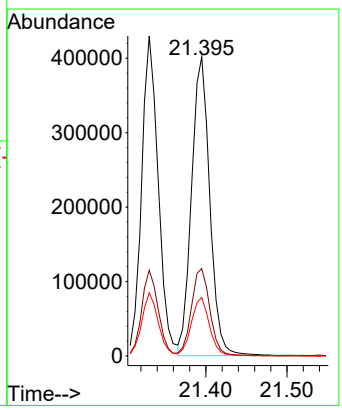


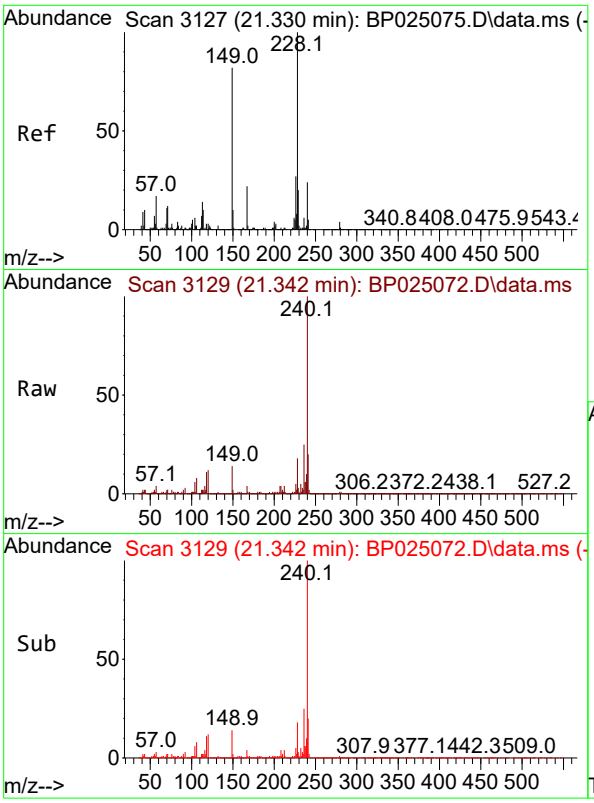


#83
Chrysene
Concen: 5.013 ng
RT: 21.395 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:228 Resp: 626717

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.4	36.6
229	19.5	16.0	24.0



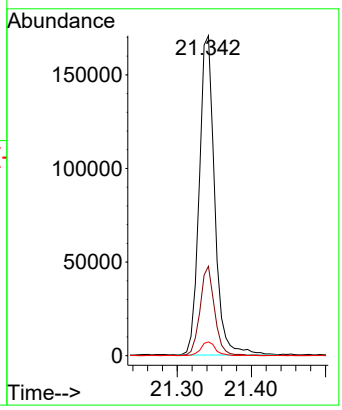


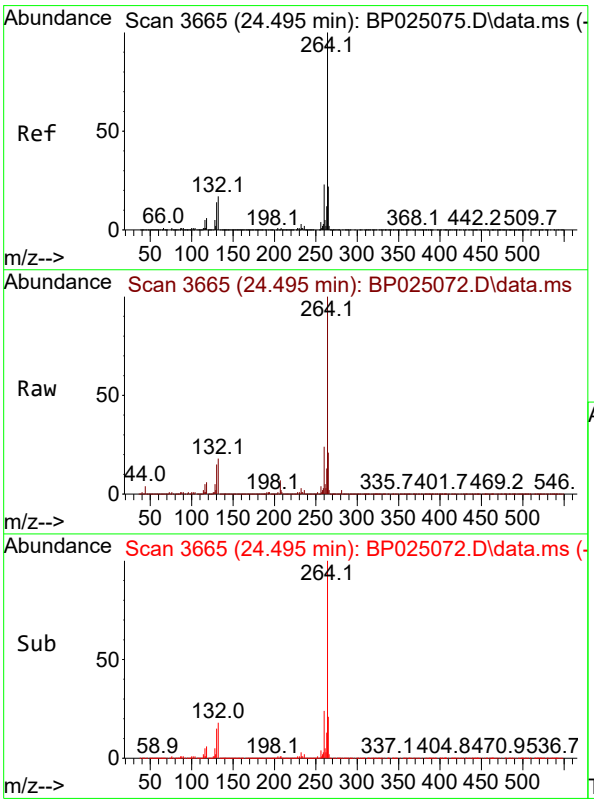
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.541 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 246749

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.9	32.9
279	4.3	3.5	5.3

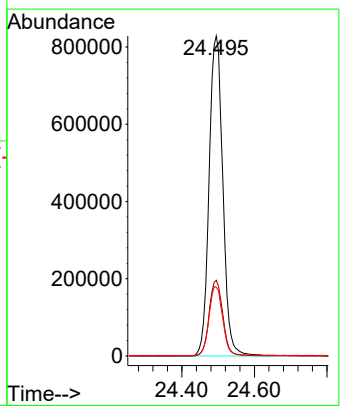


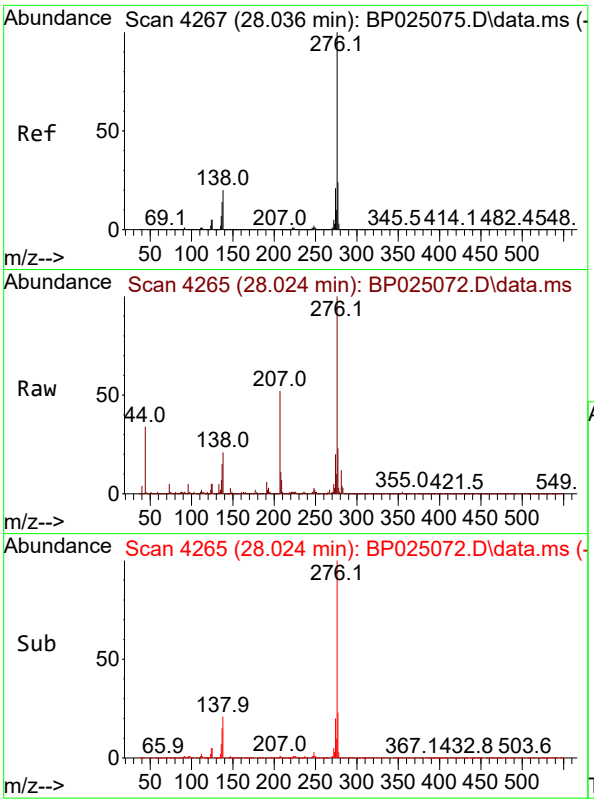


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:264 Resp: 2178150

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.5	17.7	26.5



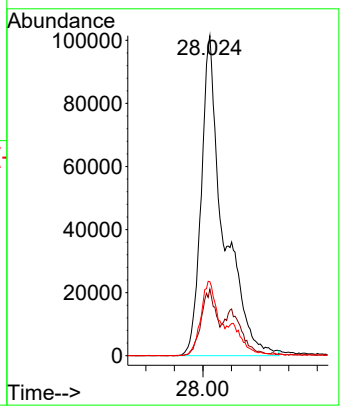


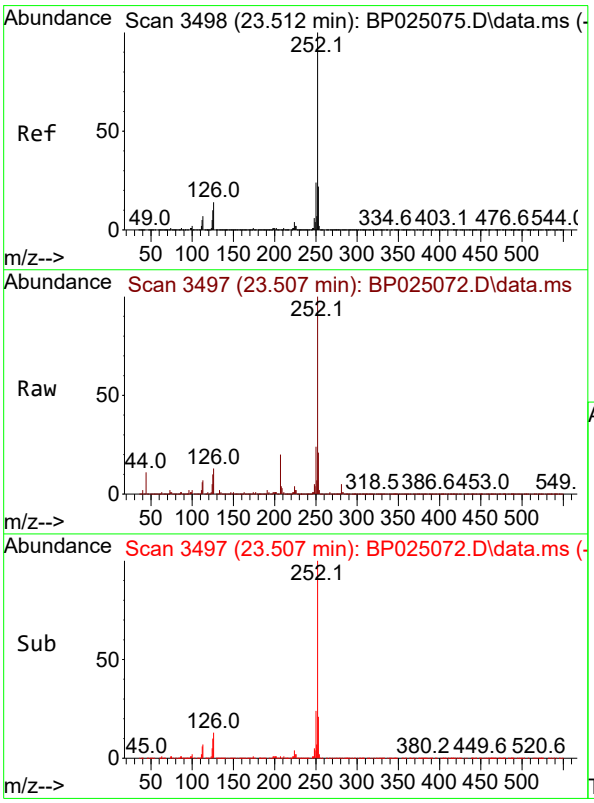
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.935 ng m
RT: 28.024 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 546143

Ion	Ratio	Lower	Upper
276	100		
138	14.0	13.0	19.6
277	17.8	15.9	23.9

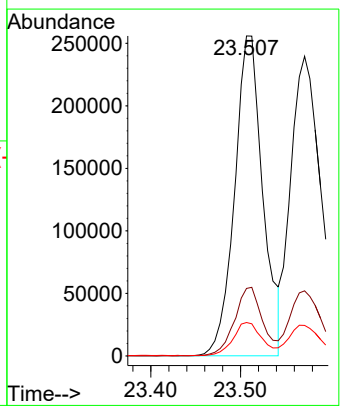


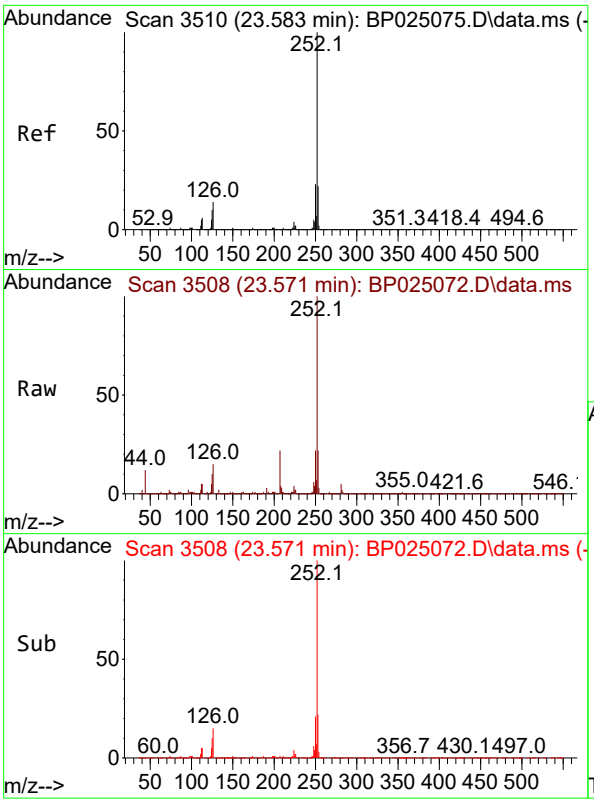


#88
Benzo(b)fluoranthene
Concen: 4.418 ng
RT: 23.507 min Scan# 3497
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:252 Resp: 560057

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.7	26.5
125	10.5	8.1	12.1



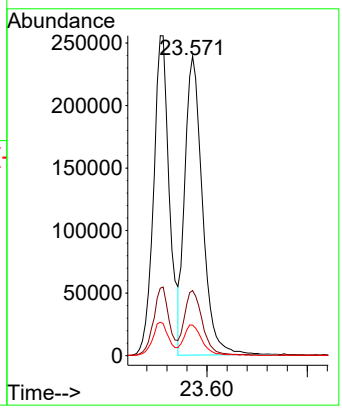


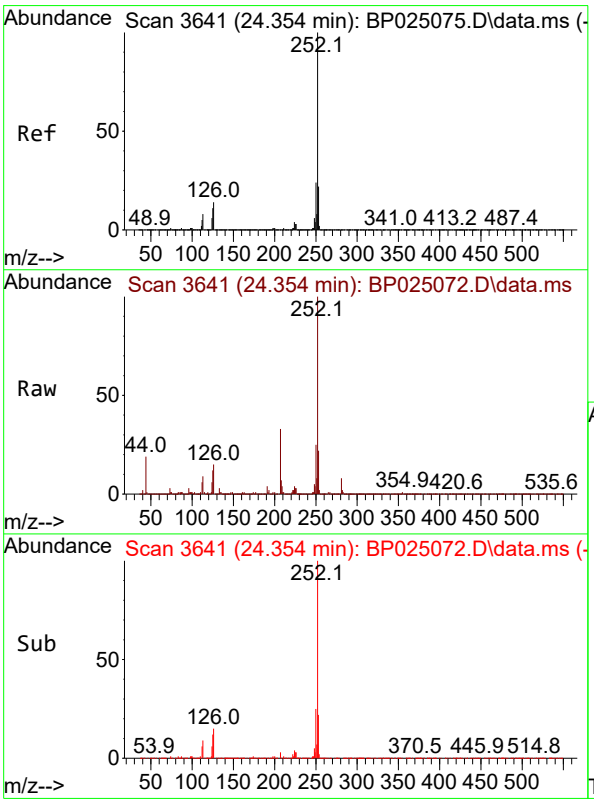
#89
Benzo(k)fluoranthene
Concen: 4.619 ng
RT: 23.571 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 582662

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.2	8.2	12.2

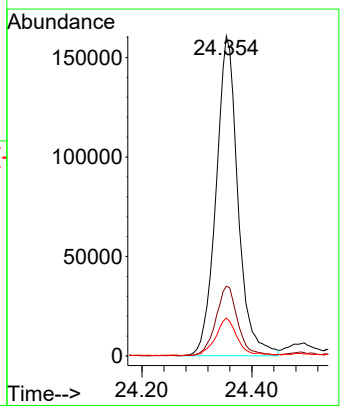


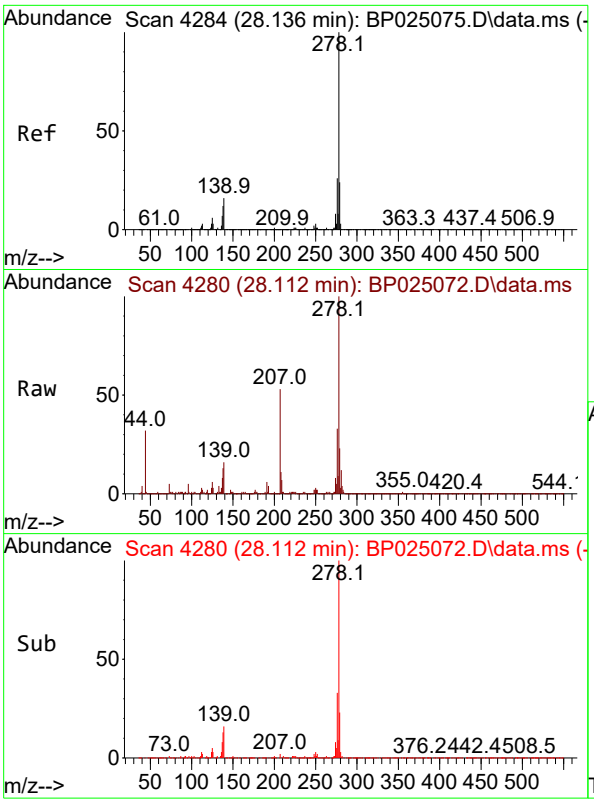


#90
Benzo(a)pyrene
Concen: 4.121 ng
RT: 24.354 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:252 Resp: 444644

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.8	9.0	13.4



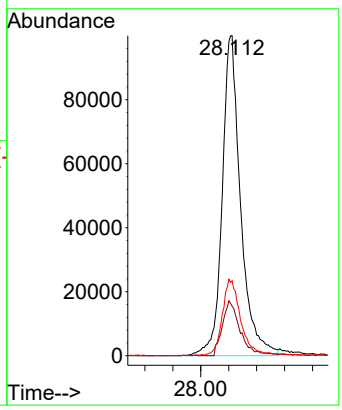


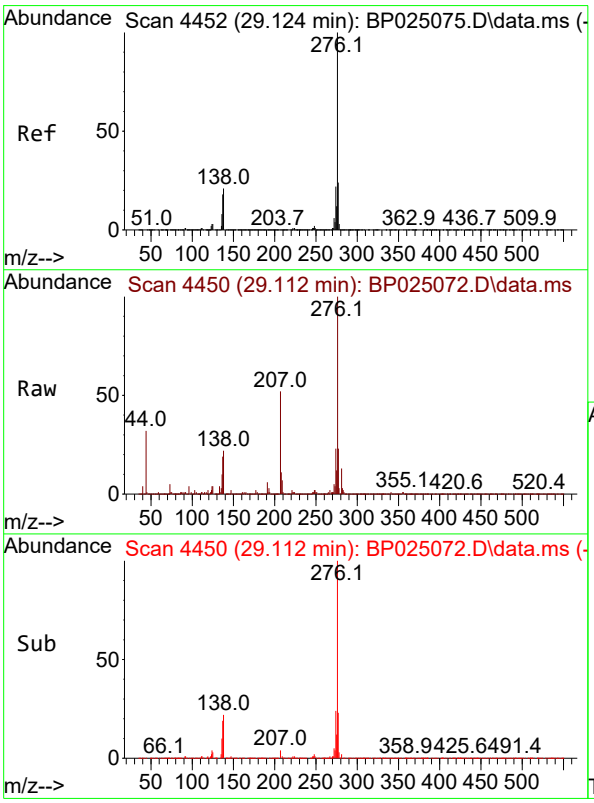
#91
Dibenzo(a,h)anthracene
Concen: 3.988 ng
RT: 28.112 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 457436

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.1	19.7
279	23.4	18.9	28.3

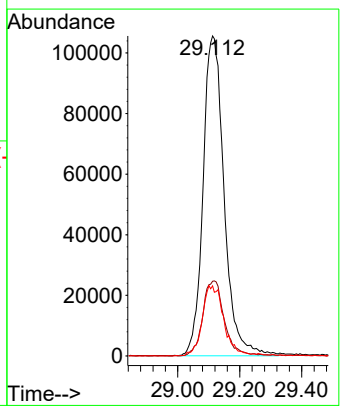




#92
Benzo(g,h,i)perylene
Concen: 4.207 ng
RT: 29.112 min Scan# 4450
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:276 Resp: 498456

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	21.9	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.449	152	342992	20.000	ng		0.00
21) Naphthalene-d8	10.196	136	1376560	20.000	ng		0.01
39) Acenaphthene-d10	14.096	164	924609	20.000	ng		0.00
64) Phenanthrene-d10	16.913	188	1970410	20.000	ng		0.00
76) Chrysene-d12	21.342	240	2172955	20.000	ng		0.00
86) Perylene-d12	24.489	264	2220570	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	376746	19.462	ng		0.00
7) Phenol-d6	6.631	99	482699	19.108	ng		0.00
23) Nitrobenzene-d5	8.566	82	381978	18.454	ng		0.00
42) 2,4,6-Tribromophenol	15.619	330	198235	18.149	ng		0.00
45) 2-Fluorobiphenyl	12.701	172	1211432	20.297	ng		0.00
79) Terphenyl-d14	19.672	244	1997838	20.207	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	77575	10.306	ng		98
3) Pyridine	3.490	79	197662	9.598	ng		97
4) n-Nitrosodimethylamine	3.408	42	85827	9.836	ng	#	92
6) Aniline	6.790	93	227023	9.619	ng		98
8) 2-Chlorophenol	7.014	128	206980	9.556	ng		96
9) Benzaldehyde	6.602	77	154921	11.743	ng		98
10) Phenol	6.655	94	250593	9.763	ng		99
11) bis(2-Chloroethyl)ether	6.890	93	195263	9.885	ng		98
12) 1,3-Dichlorobenzene	7.343	146	245857	10.143	ng		98
13) 1,4-Dichlorobenzene	7.478	146	245523	10.004	ng		98
14) 1,2-Dichlorobenzene	7.790	146	237961	10.079	ng		98
15) Benzyl Alcohol	7.678	79	152168	9.025	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.978	45	260708	10.150	ng		97
17) 2-Methylphenol	7.878	107	155778	9.422	ng		98
18) Hexachloroethane	8.502	117	75576	9.453	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	146424	9.774	ng		97
20) 3+4-Methylphenols	8.196	107	213641	9.225	ng		97
22) Acetophenone	8.243	105	330725	10.159	ng		98
24) Nitrobenzene	8.608	77	201551	9.560	ng		99
25) Isophorone	9.137	82	367740	9.507	ng		100
26) 2-Nitrophenol	9.313	139	63769	9.106	ng		92
27) 2,4-Dimethylphenol	9.390	122	134296	9.307	ng		97
28) bis(2-Chloroethoxy)met...	9.625	93	255336	9.722	ng		99
29) 2,4-Dichlorophenol	9.843	162	181263	9.059	ng		99
30) 1,2,4-Trichlorobenzene	10.066	180	219650	9.913	ng		99
31) Naphthalene	10.243	128	709141	10.005	ng		99
32) Benzoic acid	9.455	122	79225	10.455	ng		95
33) 4-Chloroaniline	10.343	127	254489	9.621	ng		98
34) Hexachlorobutadiene	10.549	225	124190	9.767	ng		99
35) Caprolactam	11.084	113	59547	8.700	ng		94
36) 4-Chloro-3-methylphenol	11.478	107	192224	9.193	ng		99
37) 2-Methylnaphthalene	11.872	142	489608	9.790	ng		99
38) 1-Methylnaphthalene	12.084	142	484403	9.931	ng		100
40) 1,2,4,5-Tetrachloroben...	12.249	216	253871	9.554	ng		99
41) Hexachlorocyclopentadiene	12.243	237	55283	7.965	ng		96
43) 2,4,6-Trichlorophenol	12.490	196	136269	8.469	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

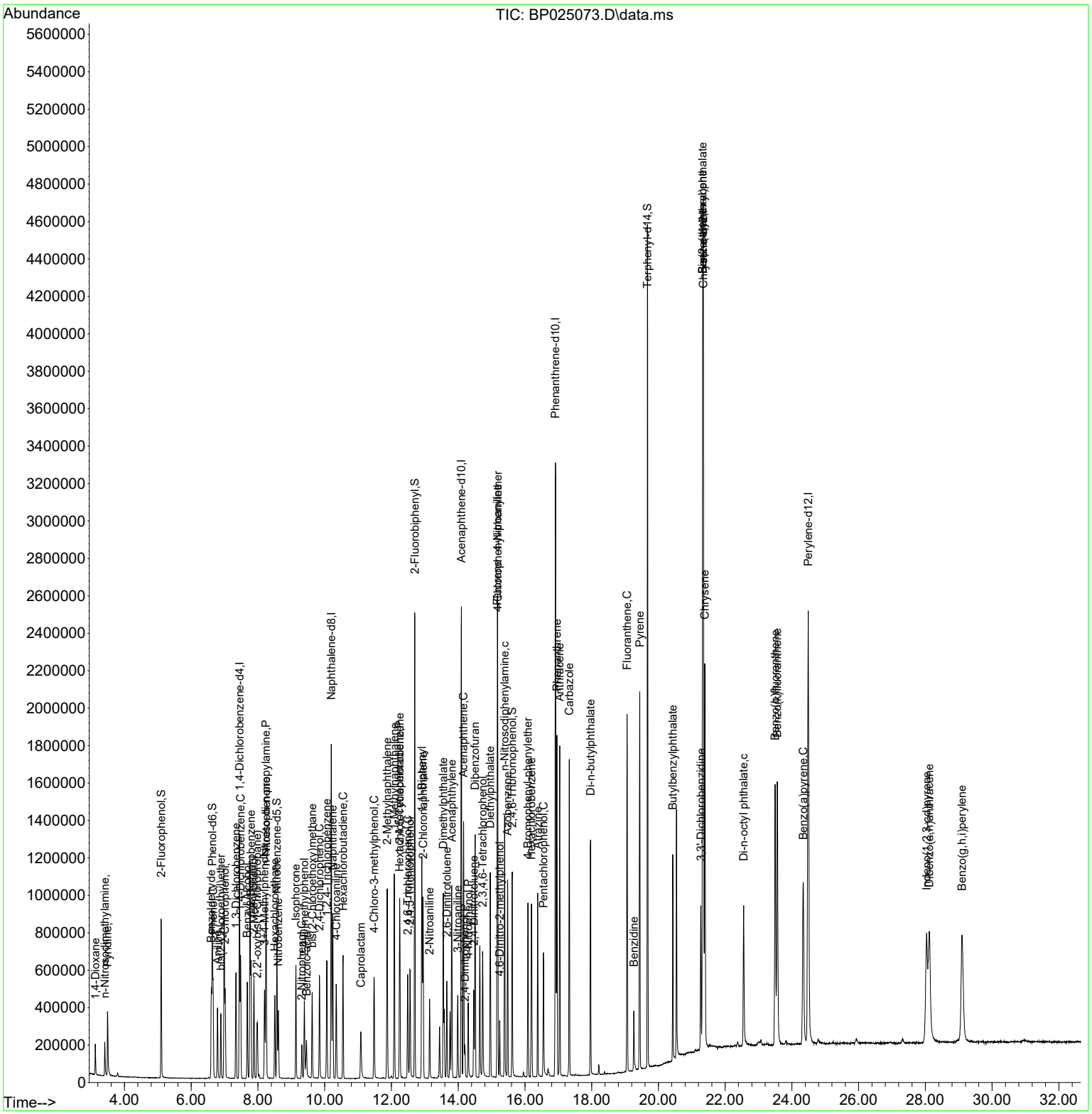
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	161200	8.840	ng		98
46) 1,1'-Biphenyl	12.913	154	663919	9.869	ng		99
47) 2-Chloronaphthalene	12.949	162	503580	9.959	ng		98
48) 2-Nitroaniline	13.143	65	85669	9.283	ng		97
49) Acenaphthylene	13.807	152	750027	9.692	ng		99
50) Dimethylphthalate	13.554	163	636102	9.828	ng		99
51) 2,6-Dinitrotoluene	13.660	165	110177	8.728	ng		95
52) Acenaphthene	14.160	154	496424m	9.953	ng		
53) 3-Nitroaniline	13.990	138	114723	8.481	ng	#	95
54) 2,4-Dinitrophenol	14.201	184	35399	10.737	ng		96
55) Dibenzofuran	14.507	168	838464	10.186	ng		100
56) 4-Nitrophenol	14.301	139	98038	7.853	ng		92
57) 2,4-Dinitrotoluene	14.466	165	131885	9.365	ng		98
58) Fluorene	15.172	166	639683	10.047	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	146800	8.890	ng		97
60) Diethylphthalate	14.960	149	636288	9.788	ng		98
61) 4-Chlorophenyl-phenyle...	15.184	204	317737	10.084	ng		98
62) 4-Nitroaniline	15.178	138	123493	8.706	ng		93
63) Azobenzene	15.478	77	589360	10.181	ng		97
65) 4,6-Dinitro-2-methylph...	15.243	198	52978	10.800	ng		87
66) n-Nitrosodiphenylamine	15.390	169	539820	9.573	ng		99
67) 4-Bromophenyl-phenylether	16.090	248	186736	9.256	ng		93
68) Hexachlorobenzene	16.195	284	236838	9.604	ng		98
69) Atrazine	16.384	200	164479	9.954	ng		100
70) Pentachlorophenol	16.554	266	129459	7.774	ng		98
71) Phenanthrene	16.960	178	1068228	10.146	ng		99
72) Anthracene	17.042	178	980773	9.710	ng		99
73) Carbazole	17.331	167	979377	9.917	ng		99
74) Di-n-butylphthalate	17.966	149	979540	8.907	ng		100
75) Fluoranthene	19.060	202	1203752	9.781	ng		99
77) Benzidine	19.266	184	192008	5.003	ng		99
78) Pyrene	19.442	202	1286495	9.559	ng		99
80) Butylbenzylphthalate	20.430	149	300028	9.024	ng		95
81) Benzo(a)anthracene	21.325	228	1276106	9.691	ng		99
82) 3,3'-Dichlorobenzidine	21.272	252	270931	6.834	ng		99
83) Chrysene	21.389	228	1246003	9.832	ng		99
84) Bis(2-ethylhexyl)phtha...	21.325	149	564998	7.999	ng		97
85) Di-n-octyl phthalate	22.554	149	662011	10.561	ng		97
87) Indeno(1,2,3-cd)pyrene	28.042	276	1222863	8.642	ng		98
88) Benzo(b)fluoranthene	23.495	252	1180548	9.134	ng		100
89) Benzo(k)fluoranthene	23.560	252	1252989	9.743	ng		99
90) Benzo(a)pyrene	24.342	252	963455	8.758	ng		99
91) Dibenzo(a,h)anthracene	28.118	278	1022797	8.747	ng		100
92) Benzo(g,h,i)perylene	29.095	276	1073371	8.886	ng		99

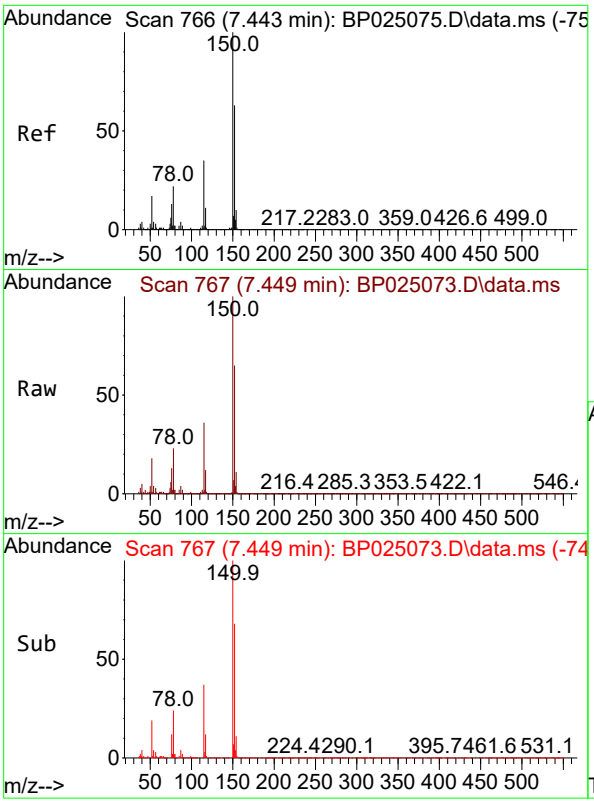
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



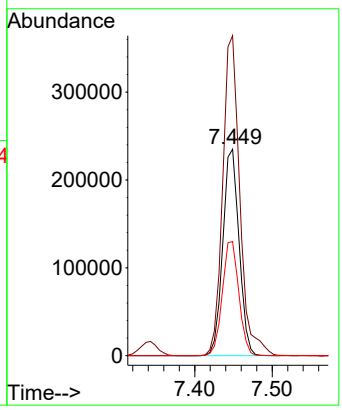


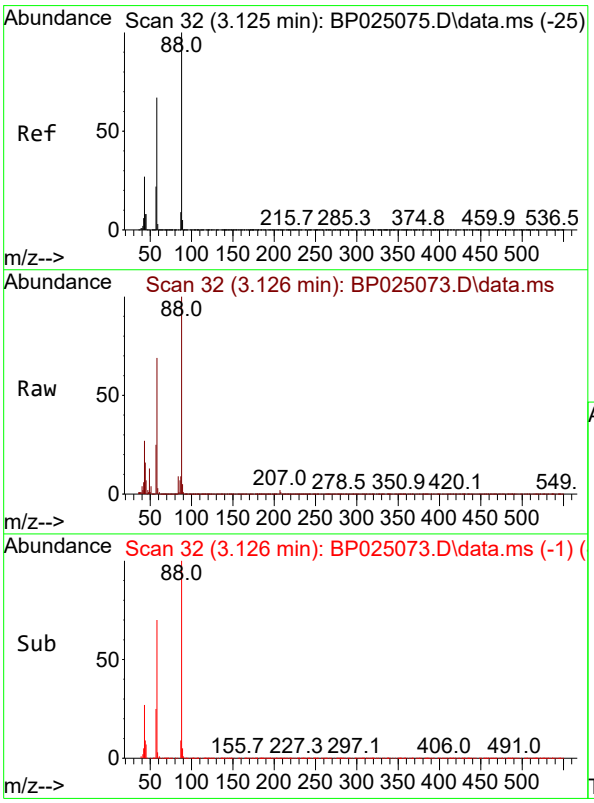
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.449 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 342992

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.1	189.1
115	55.2	44.3	66.5

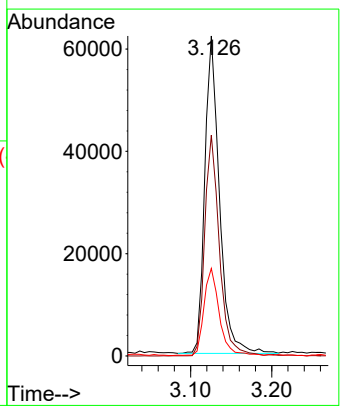


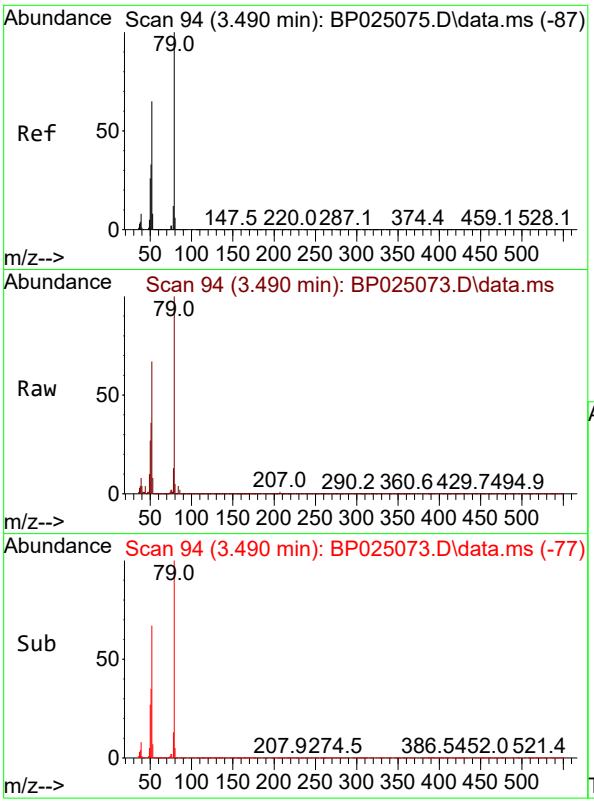


#2
1,4-Dioxane
Concen: 10.306 ng
RT: 3.126 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 88 Resp: 77575

Ion	Ratio	Lower	Upper
88	100		
58	70.0	55.0	82.4
43	28.7	21.9	32.9



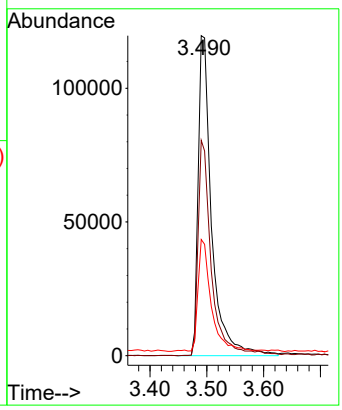


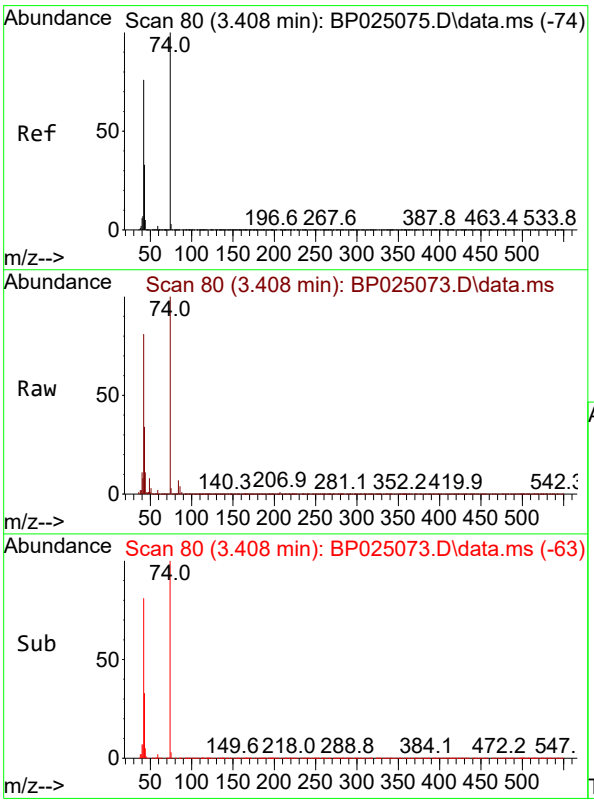
#3
Pyridine
Concen: 9.598 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 197662

Ion	Ratio	Lower	Upper
79	100		
52	67.3	52.2	78.4
51	36.3	26.8	40.2

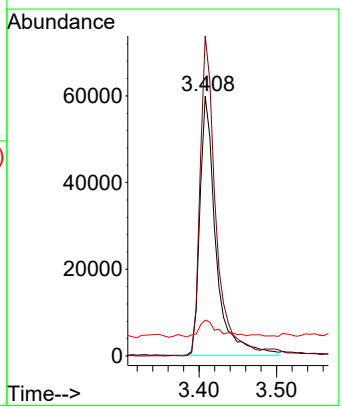


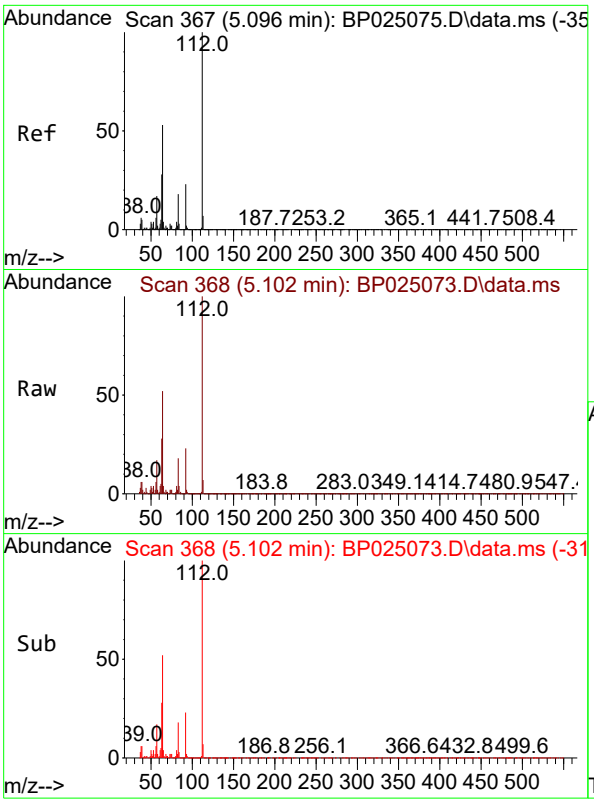


#4
n-Nitrosodimethylamine
Concen: 9.836 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 42 Resp: 85827

Ion	Ratio	Lower	Upper
42	100		
74	123.2	105.2	157.8
44	13.8	6.6	9.8#



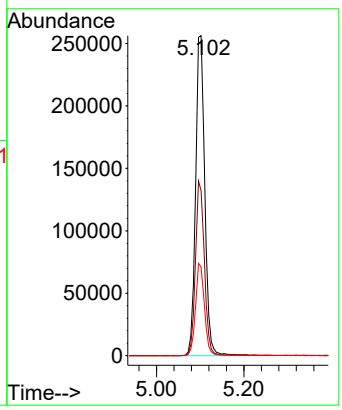


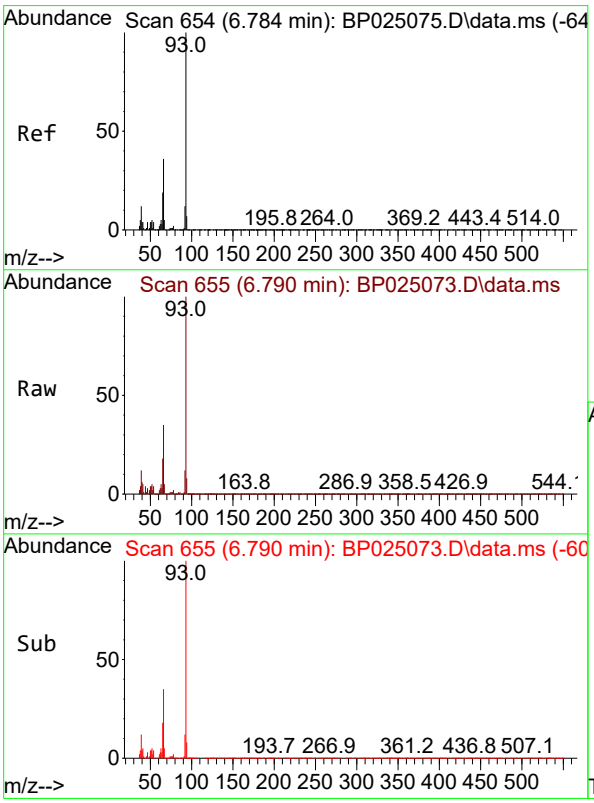
#5
2-Fluorophenol
Concen: 19.462 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 376746

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.0	63.0
63	27.7	22.2	33.2

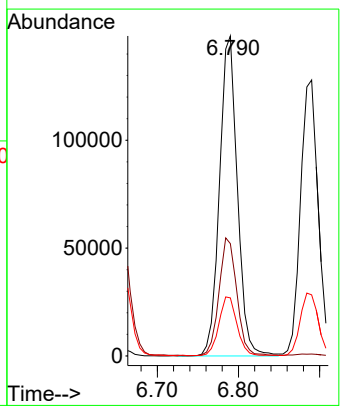


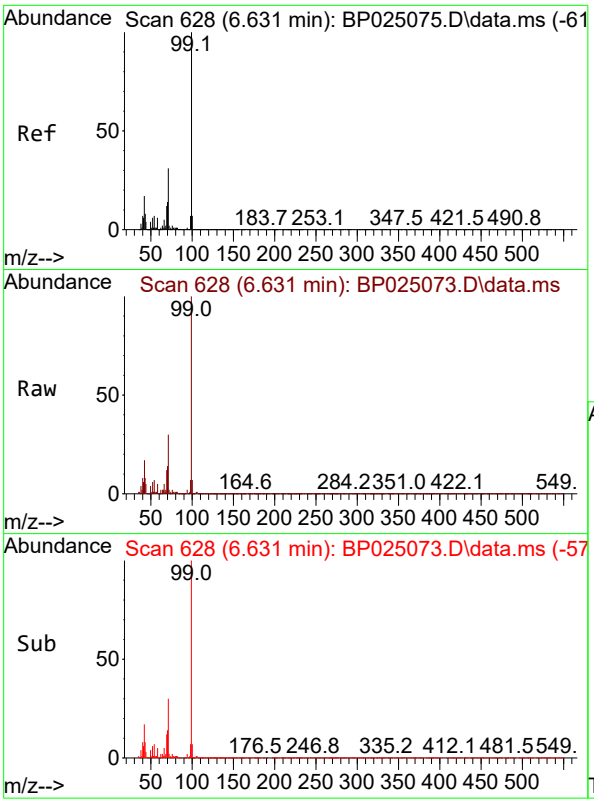


#6
Aniline
Concen: 9.619 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 93 Resp: 227023

Ion	Ratio	Lower	Upper
93	100		
66	35.1	28.9	43.3
65	18.2	15.2	22.8



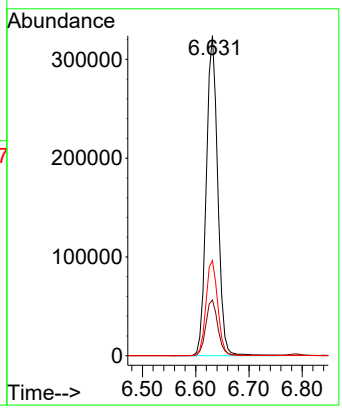


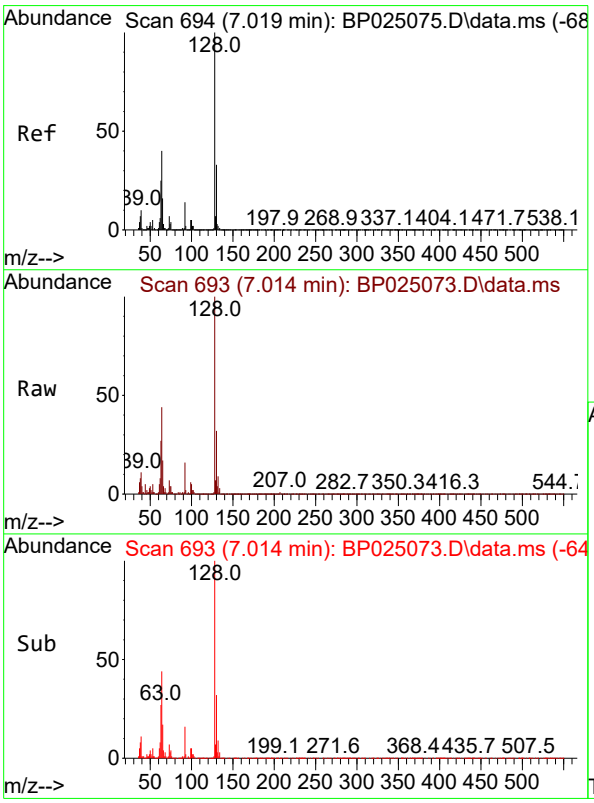
#7
Phenol-d6
Concen: 19.108 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 482699

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.6	20.4
71	29.7	24.4	36.6

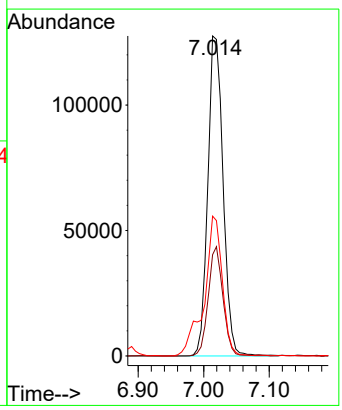


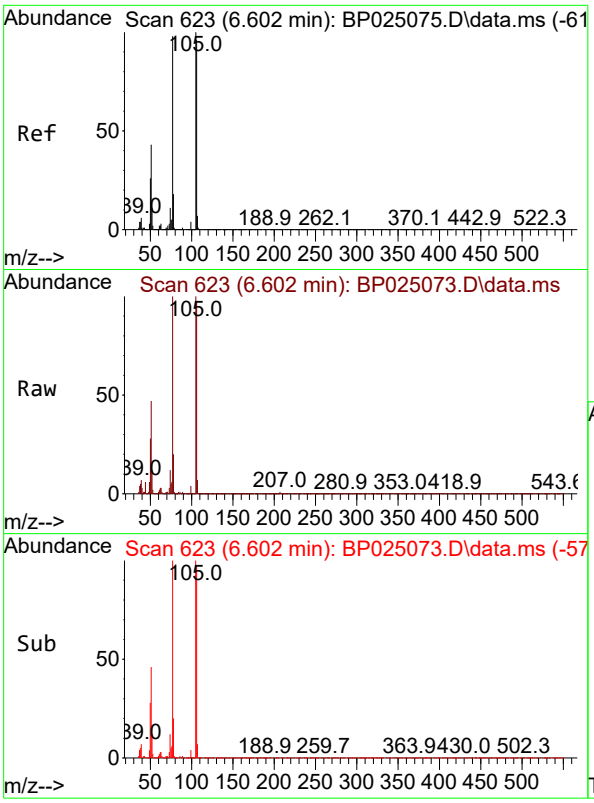


#8
2-Chlorophenol
Concen: 9.556 ng
RT: 7.014 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:128 Resp: 206980

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.9	52.9
64	43.7	20.3	60.3



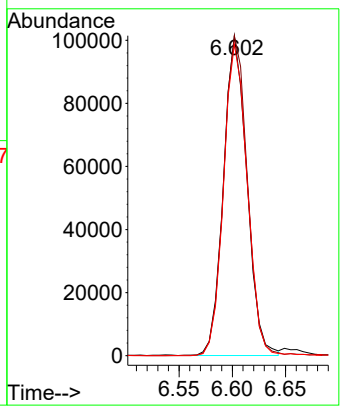


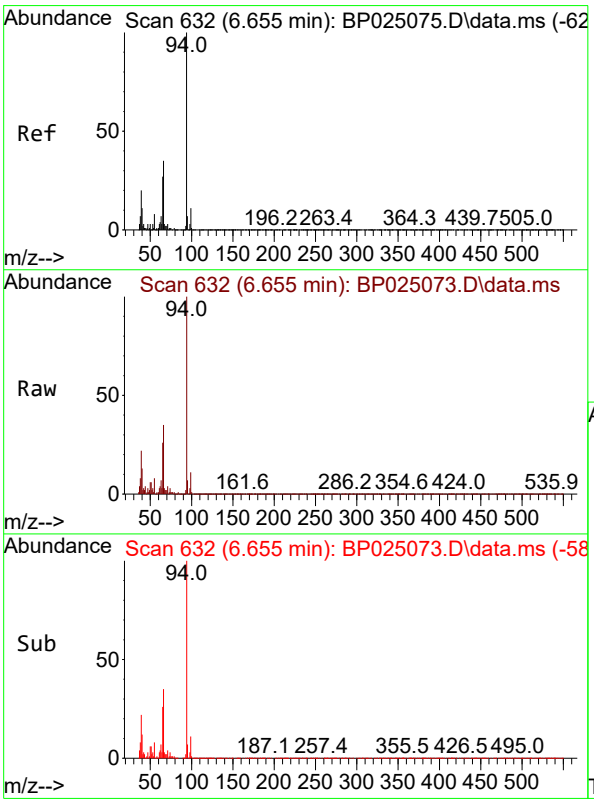
#9
Benzaldehyde
Concen: 11.743 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 154921

Ion	Ratio	Lower	Upper
77	100		
105	100.1	82.4	122.4
106	97.4	78.3	118.3

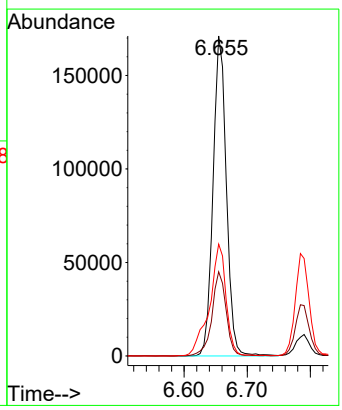


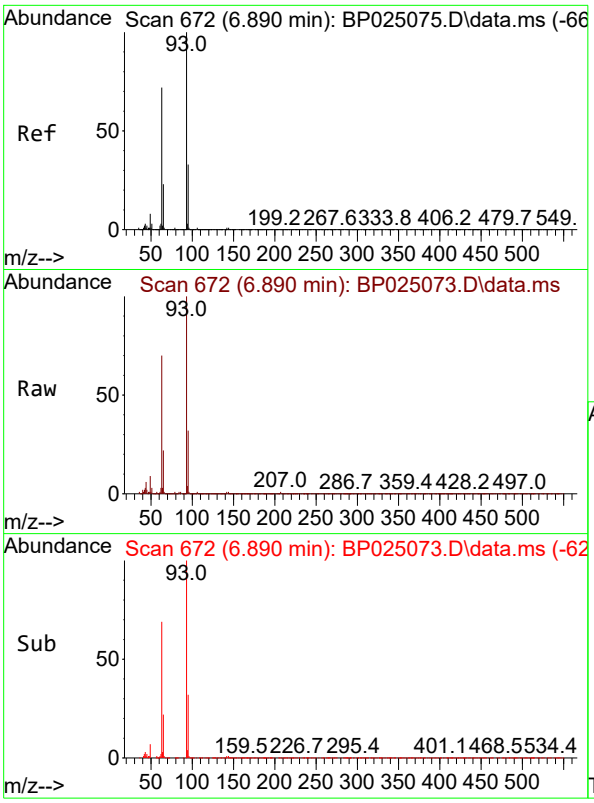


#10
Phenol
Concen: 9.763 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 94 Resp: 250593

Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.9	46.9
66	34.9	14.6	54.6



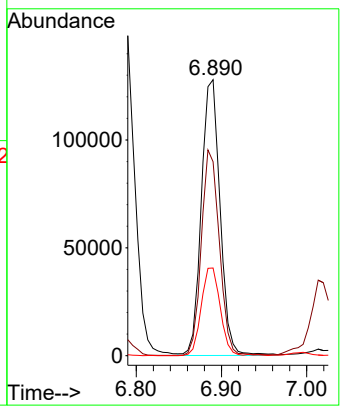


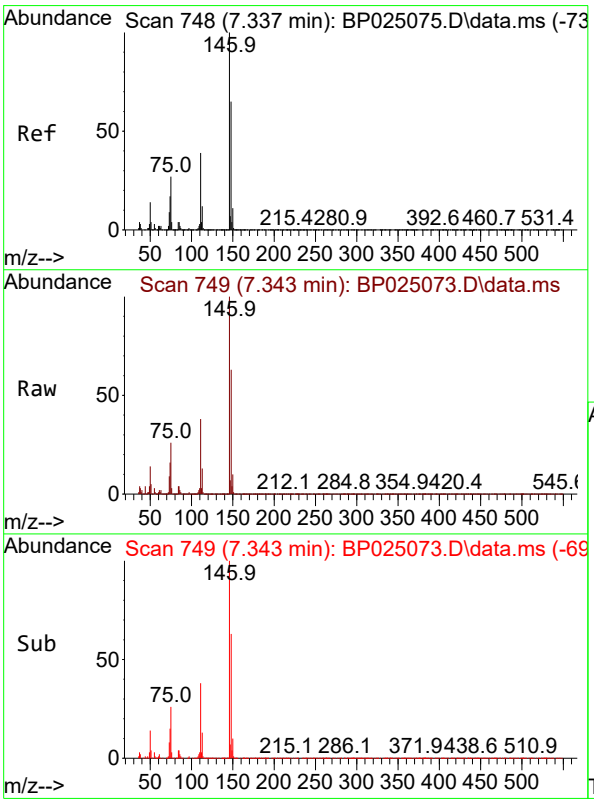
#11
bis(2-Chloroethyl)ether
Concen: 9.885 ng
RT: 6.890 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 195263

Ion	Ratio	Lower	Upper
93	100		
63	70.2	51.9	91.9
95	31.8	12.4	52.4

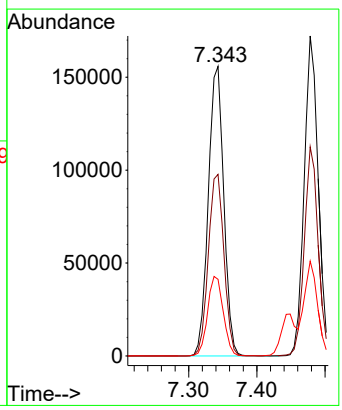


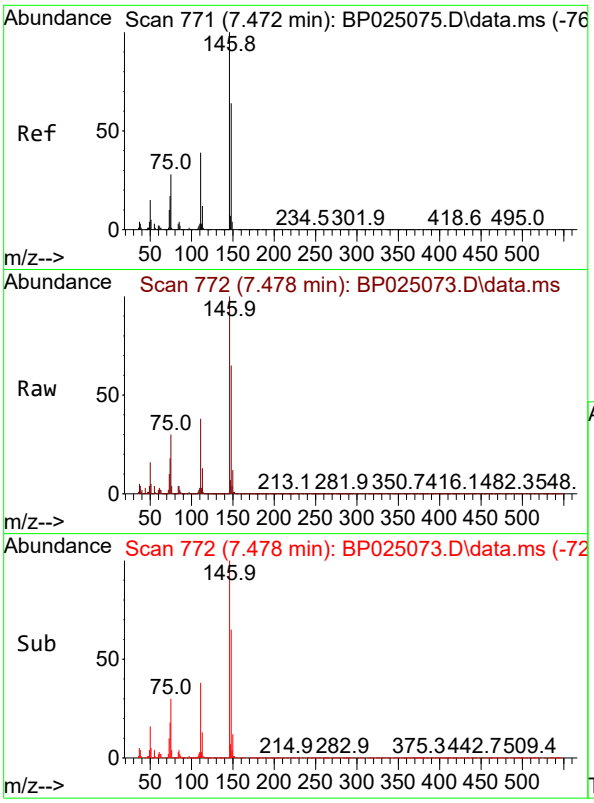


#12
1,3-Dichlorobenzene
Concen: 10.143 ng
RT: 7.343 min Scan# 749
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:146 Resp: 245857

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.9	77.9
75	26.5	21.8	32.6



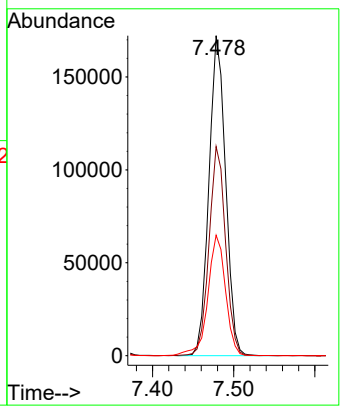


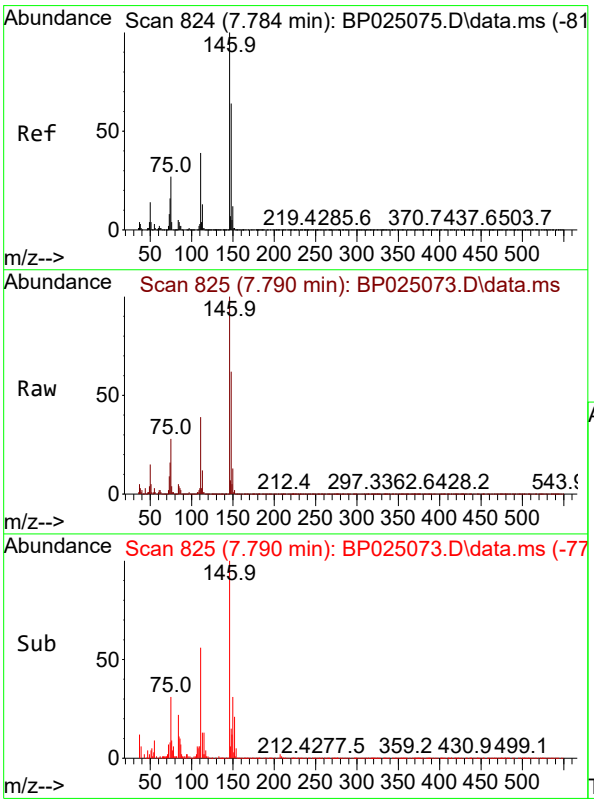
#13
1,4-Dichlorobenzene
Concen: 10.004 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 245523

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	37.7	31.2	46.8

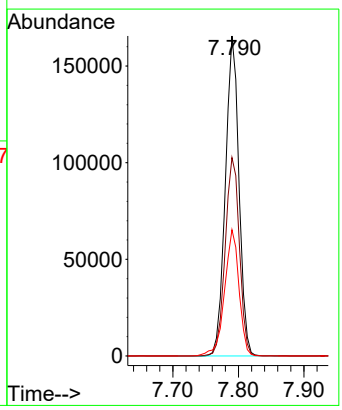


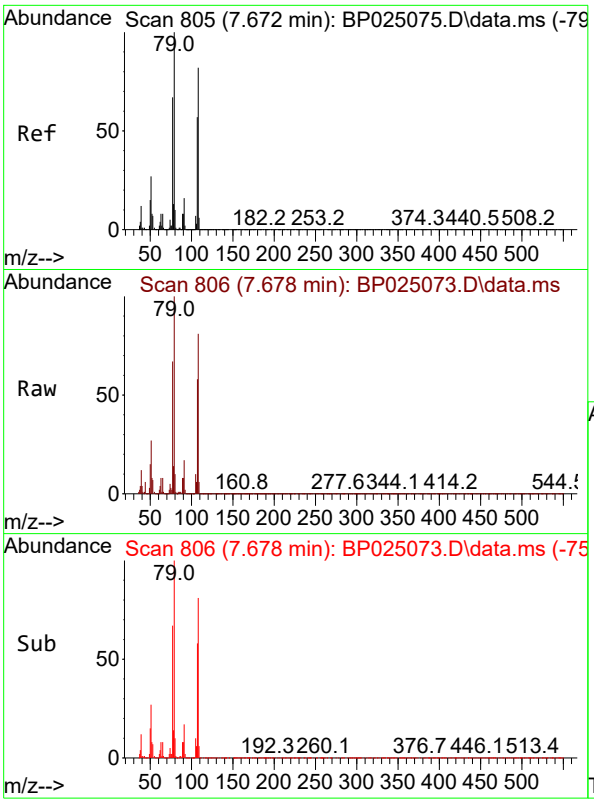


#14
1,2-Dichlorobenzene
Concen: 10.079 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:146 Resp: 237961

Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.1	76.7
111	39.5	31.2	46.8



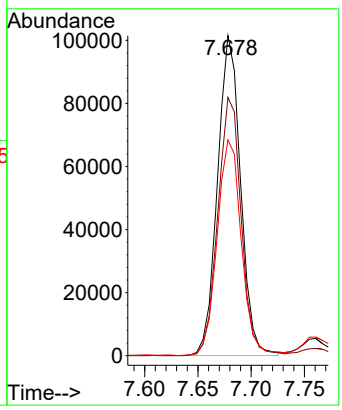


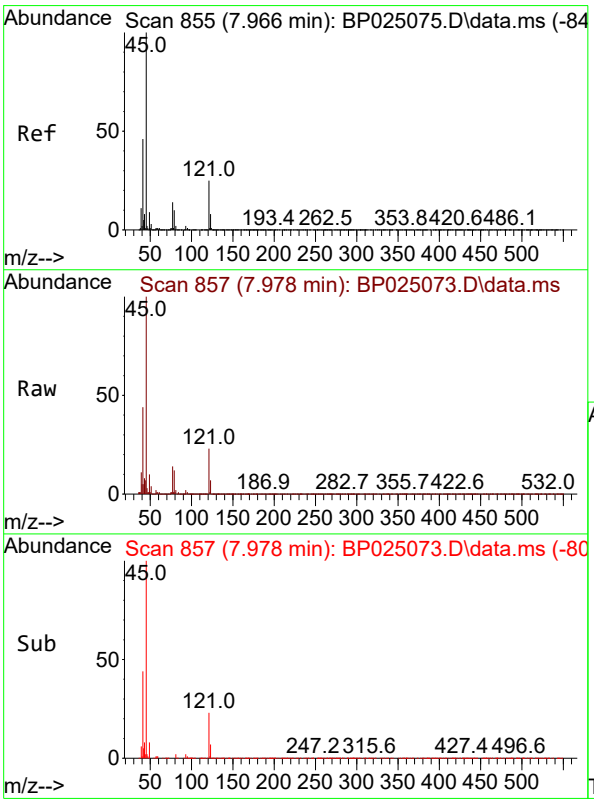
#15
Benzyl Alcohol
Concen: 9.025 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 152168

Ion	Ratio	Lower	Upper
79	100		
108	80.7	66.0	99.0
77	67.4	53.4	80.2

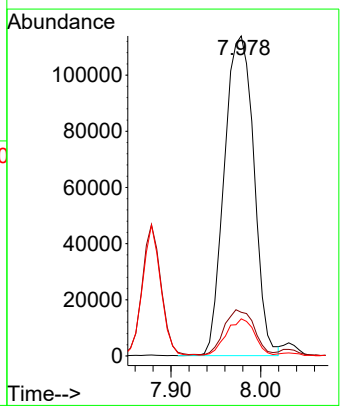


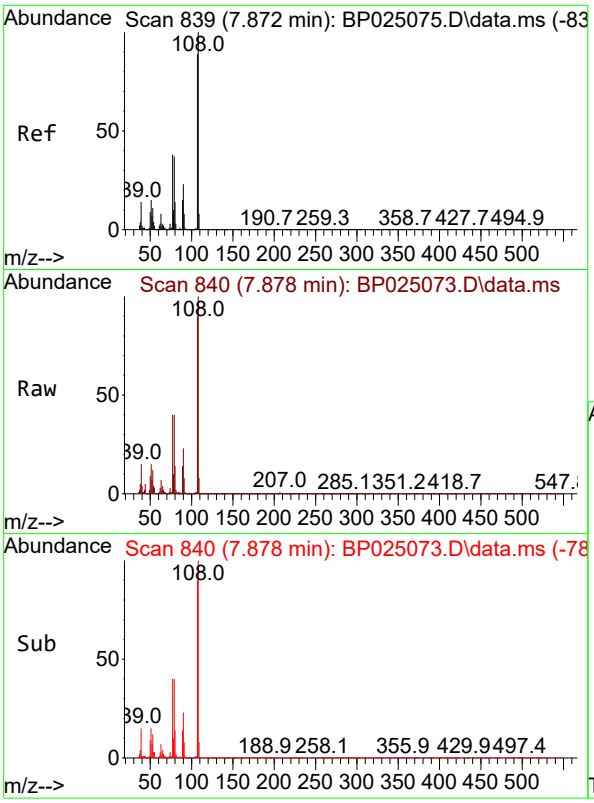


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.150 ng
RT: 7.978 min Scan# 857
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 45 Resp: 260708

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	34.8
79	11.6	0.0	30.7



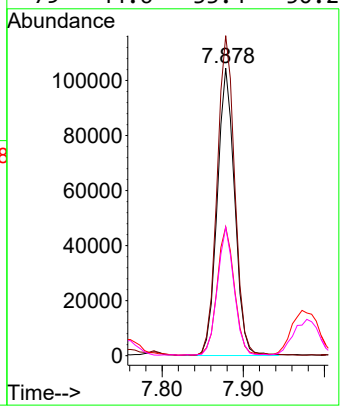


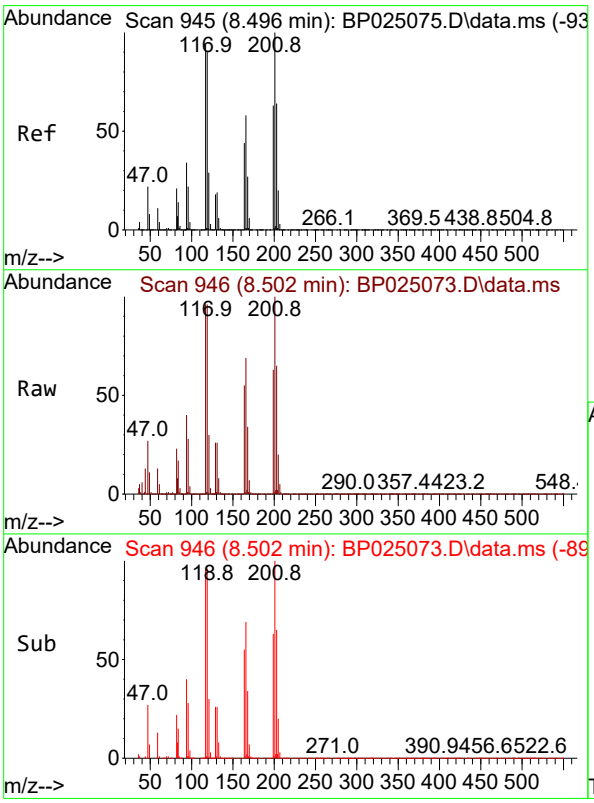
#17
2-Methylphenol
Concen: 9.422 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 155778

Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.7	134.5
77	44.8	34.2	51.4
79	44.6	33.4	50.2

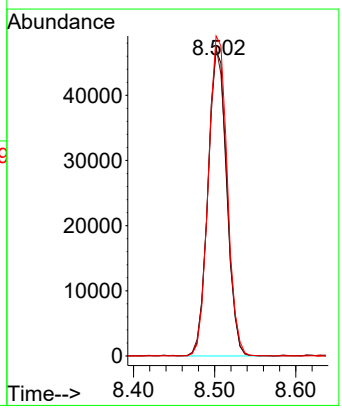


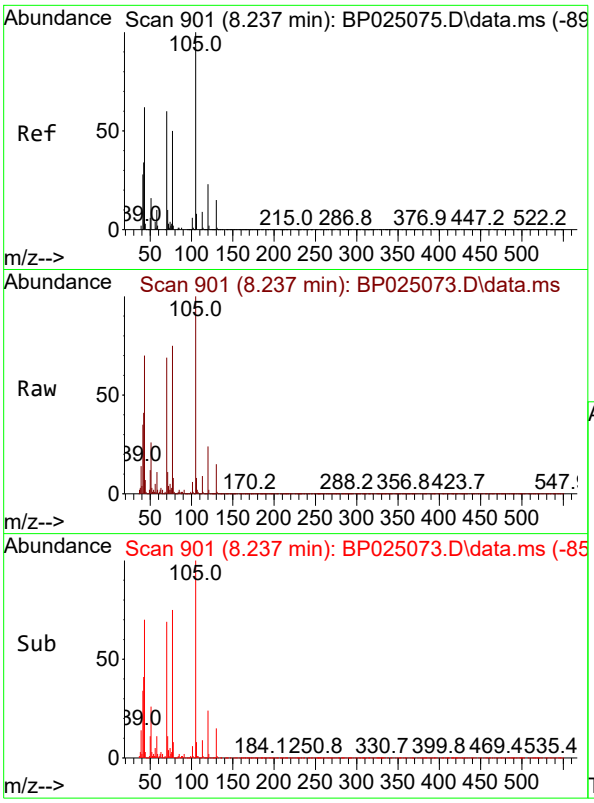


#18
Hexachloroethane
Concen: 9.453 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:117 Resp: 75576

Ion	Ratio	Lower	Upper
117	100		
119	100.9	76.6	115.0
201	104.6	85.4	128.2



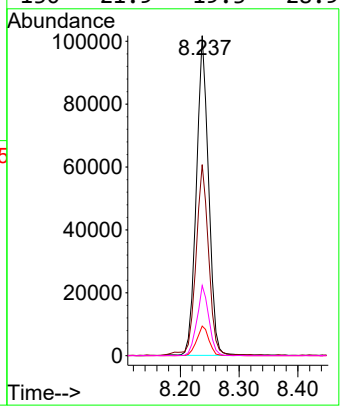


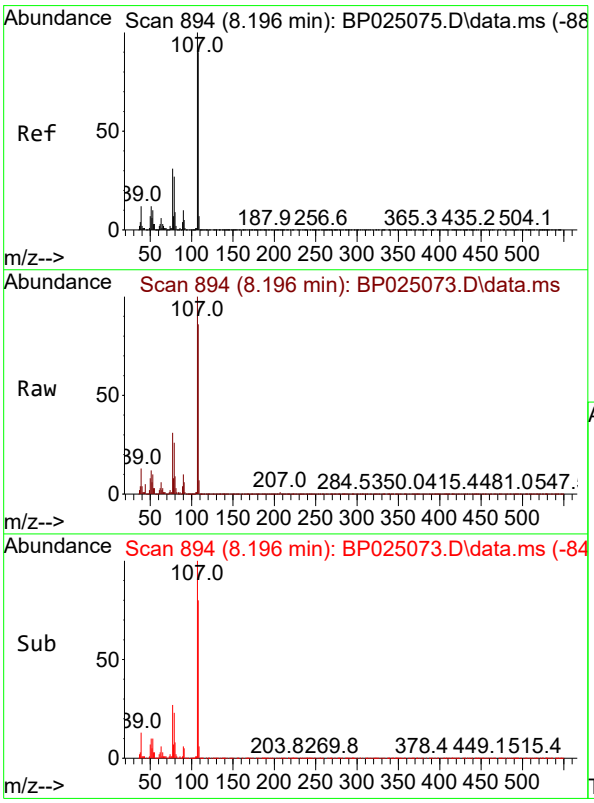
#19
n-Nitroso-di-n-propylamine
Concen: 9.774 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 146424

Ion	Ratio	Lower	Upper
70	100		
42	59.7	46.5	69.7
101	9.3	7.9	11.9
130	21.9	19.3	28.9

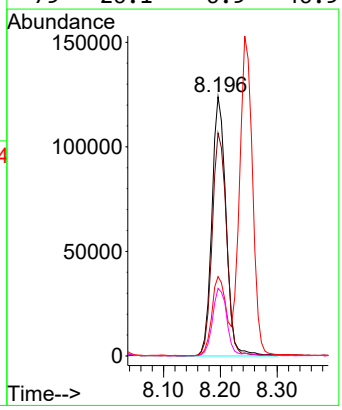


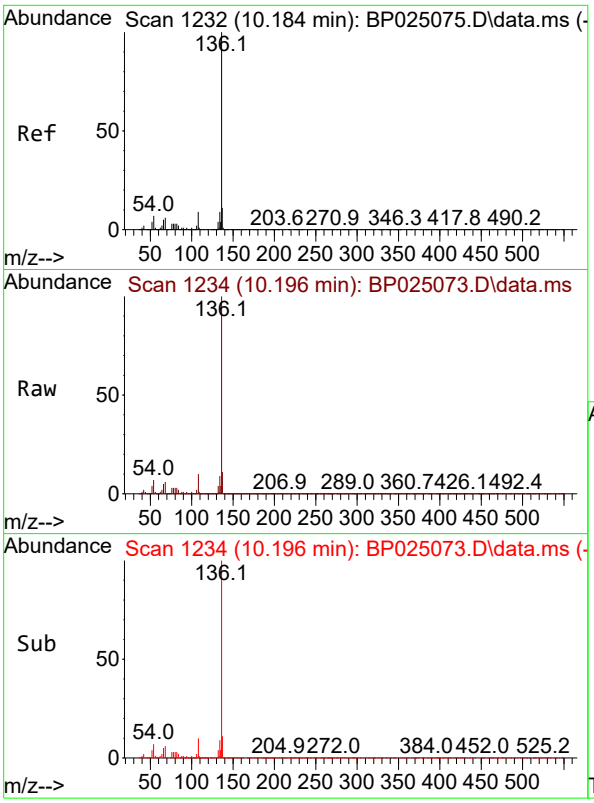


#20
3+4-Methylphenols
Concen: 9.225 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:107 Resp: 213641

Ion	Ratio	Lower	Upper
107	100		
108	86.1	69.5	109.5
77	30.6	11.4	51.4
79	26.1	6.9	46.9



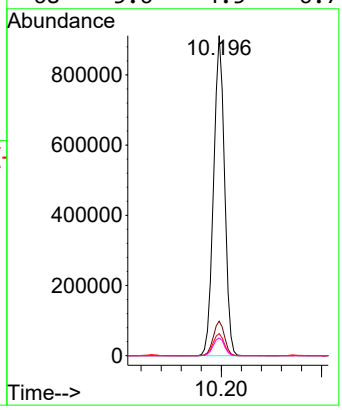


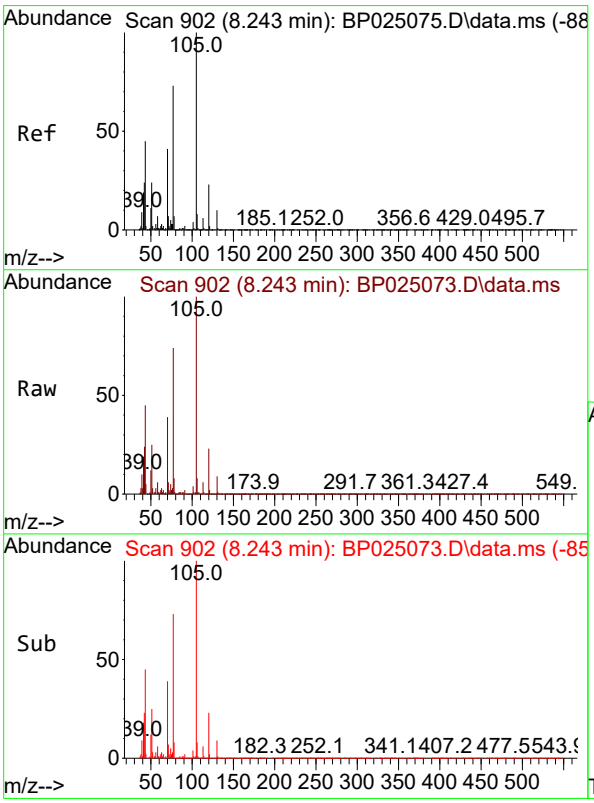
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 1376560

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.9	5.4	8.2
68	5.6	4.5	6.7

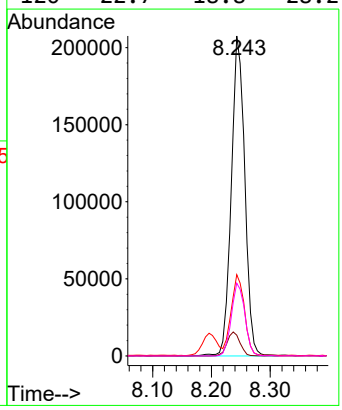


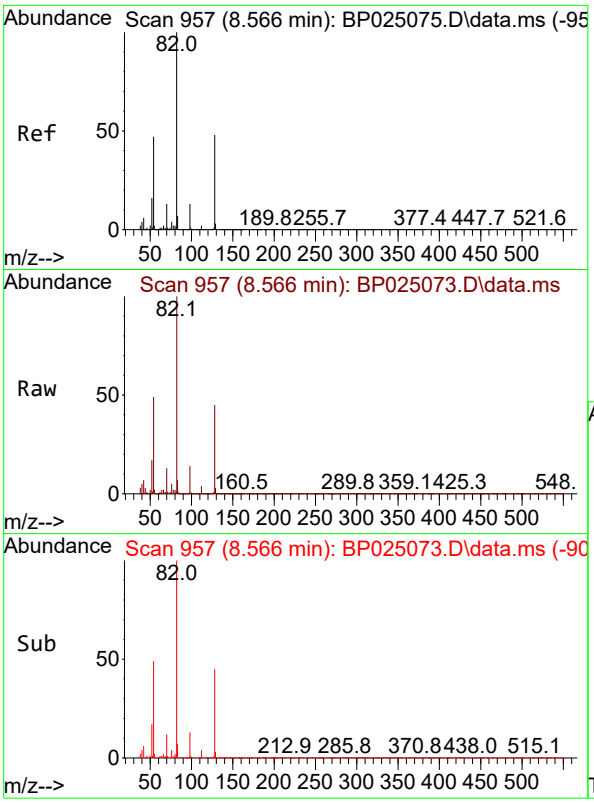


#22
Acetophenone
Concen: 10.159 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:105 Resp: 330725

Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.4	8.2
51	25.4	19.6	29.4
120	22.7	18.8	28.2



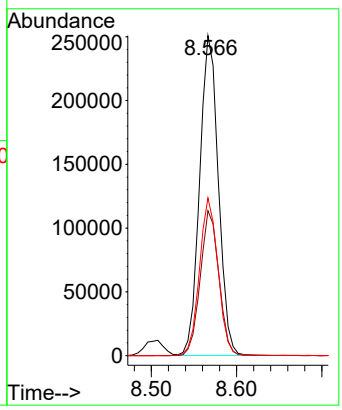


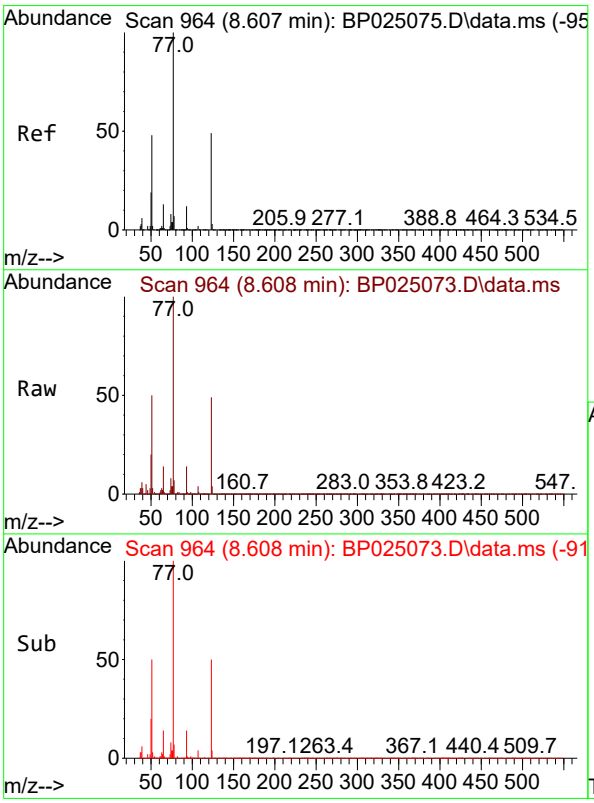
#23
Nitrobenzene-d5
Concen: 18.454 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 381978

Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.4	57.6
54	49.3	37.8	56.6

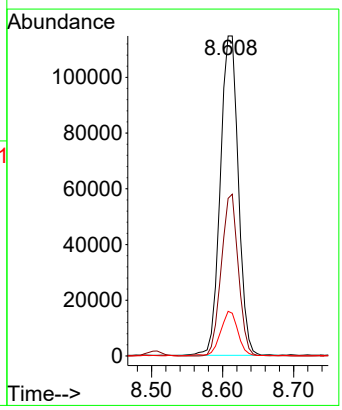


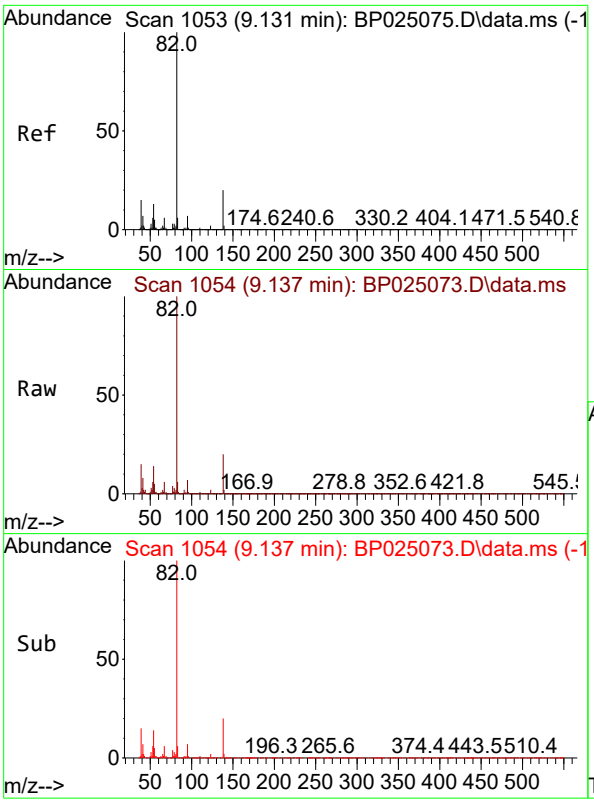


#24
Nitrobenzene
Concen: 9.560 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 77 Resp: 201551

Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.0	58.6
65	14.0	10.7	16.1



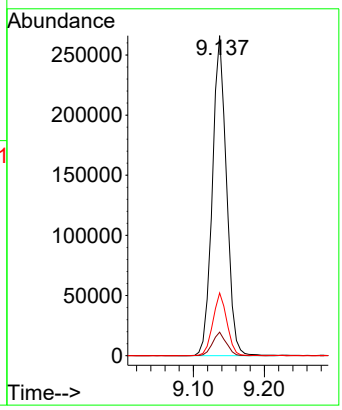


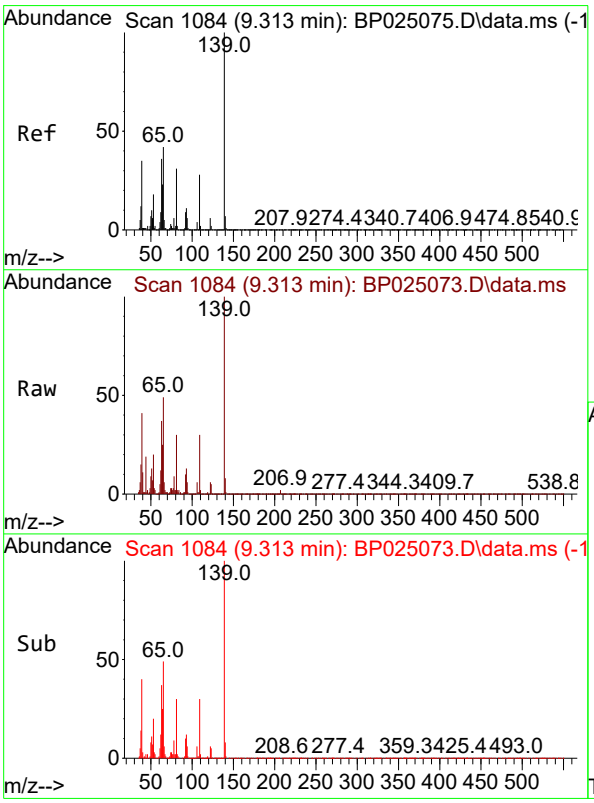
#25
Isophorone
Concen: 9.507 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 367740

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	19.6	15.7	23.5

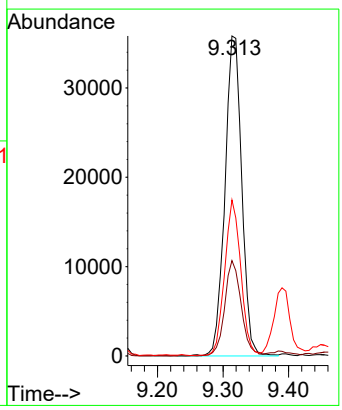


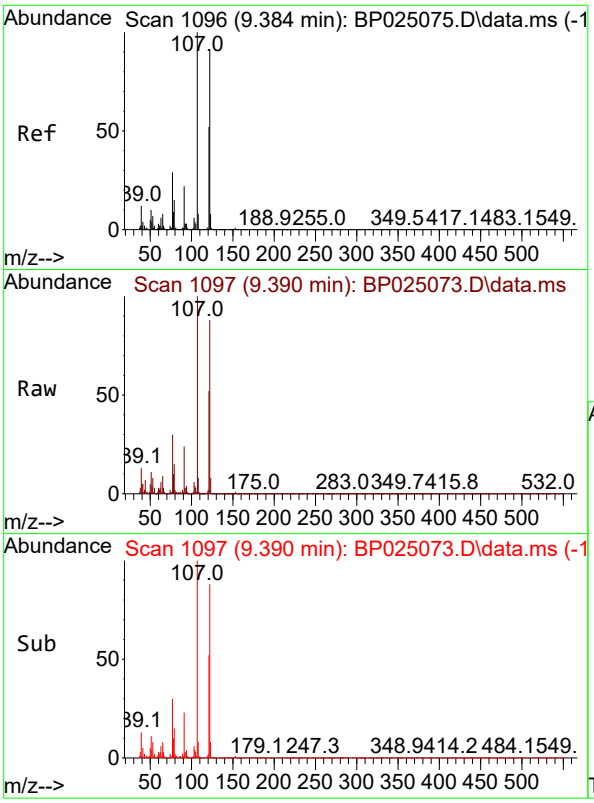


#26
2-Nitrophenol
Concen: 9.106 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:139 Resp: 63769

Ion	Ratio	Lower	Upper
139	100		
109	29.8	22.3	33.5
65	48.7	33.8	50.8



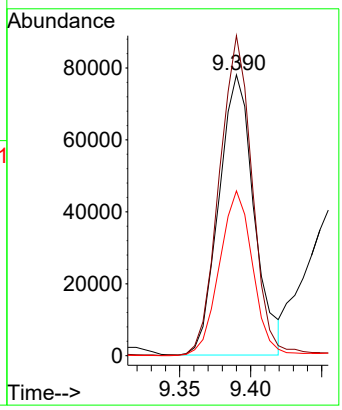


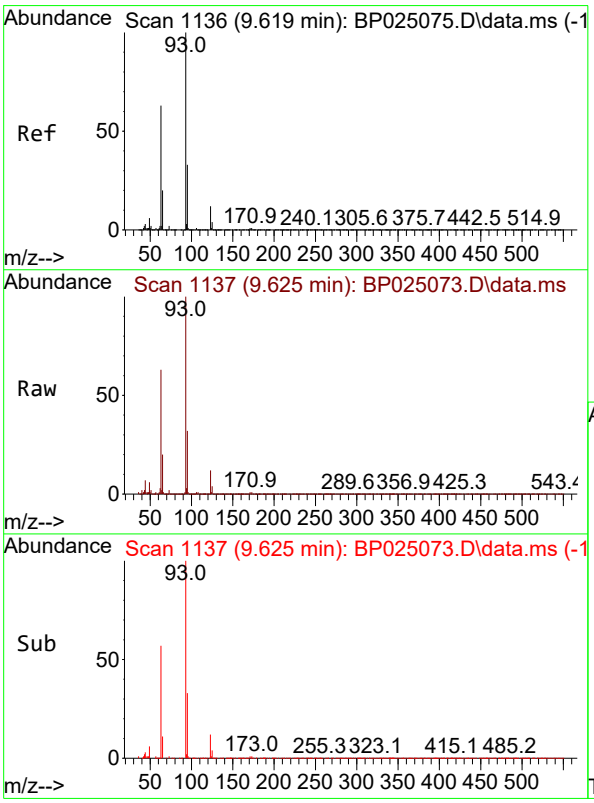
#27
2,4-Dimethylphenol
Concen: 9.307 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 134296

Ion	Ratio	Lower	Upper
122	100		
107	113.9	88.2	132.2
121	58.7	46.1	69.1

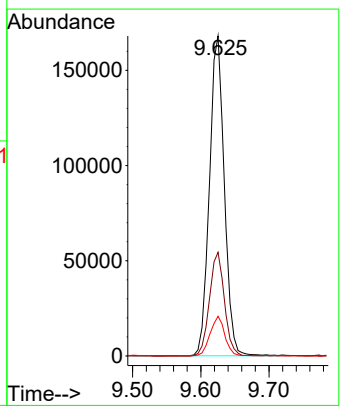


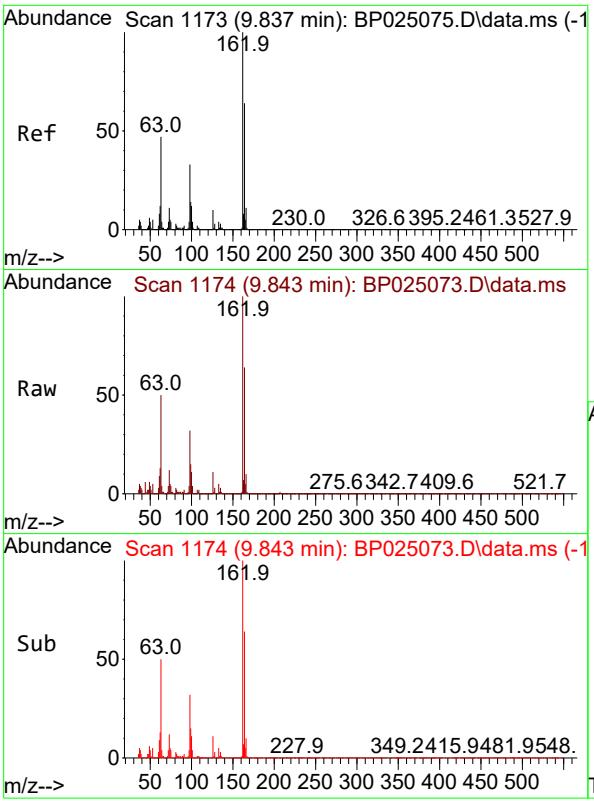


#28
bis(2-Chloroethoxy)methane
Concen: 9.722 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 93 Resp: 255336

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	12.4	10.1	15.1



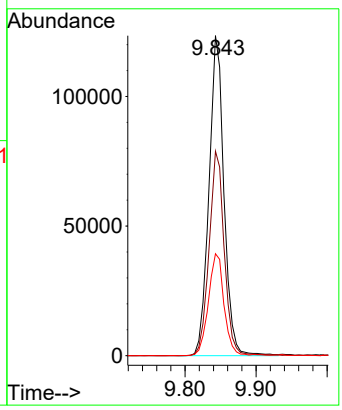


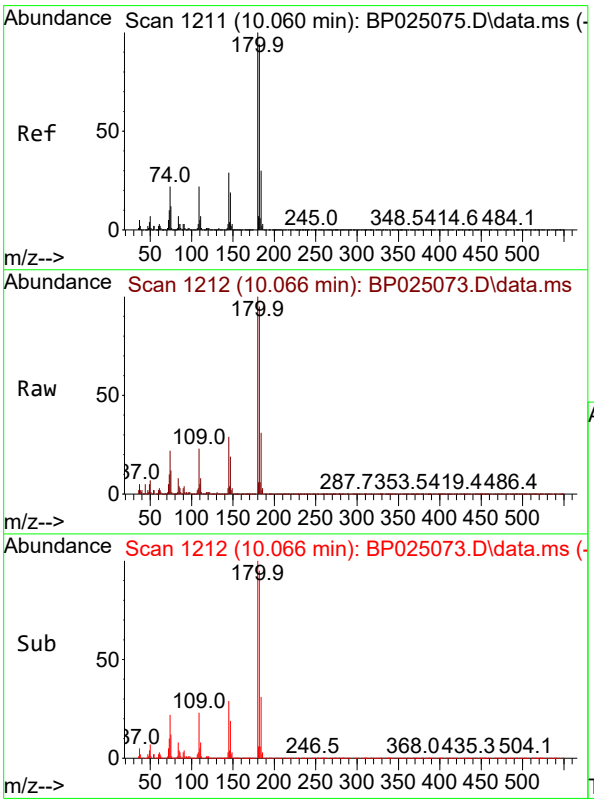
#29
2,4-Dichlorophenol
Concen: 9.059 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 181263

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.1	84.1
98	31.9	13.1	53.1

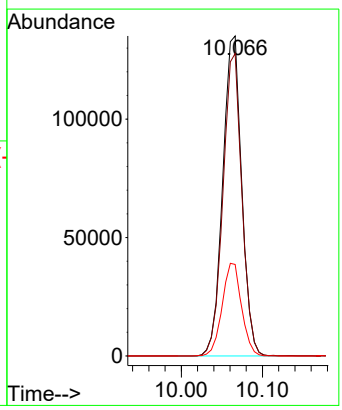


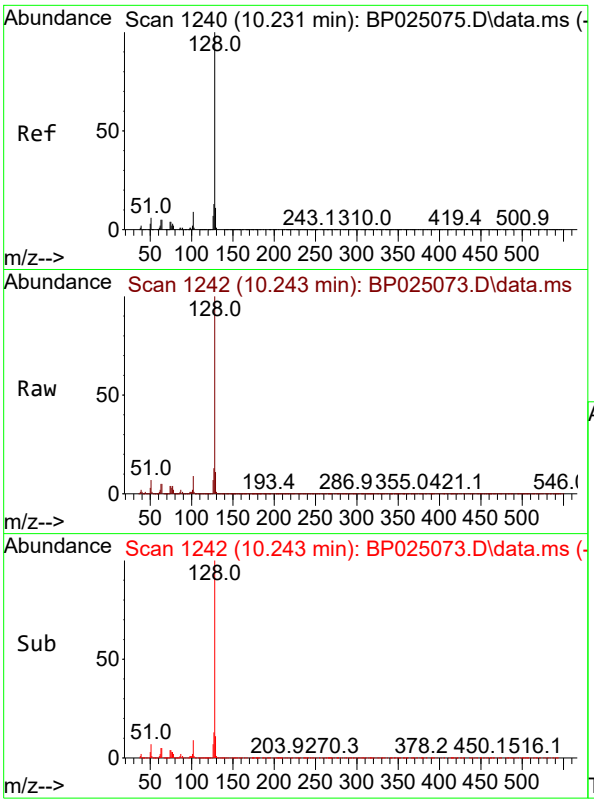


#30
1,2,4-Trichlorobenzene
Concen: 9.913 ng
RT: 10.066 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:180 Resp: 219650

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.1	112.7
145	28.6	23.3	34.9



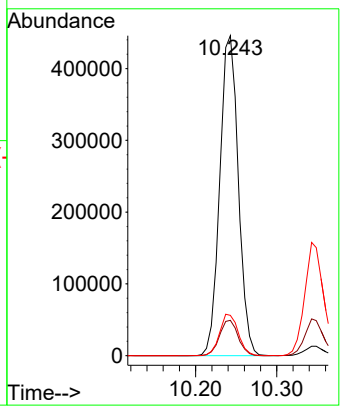


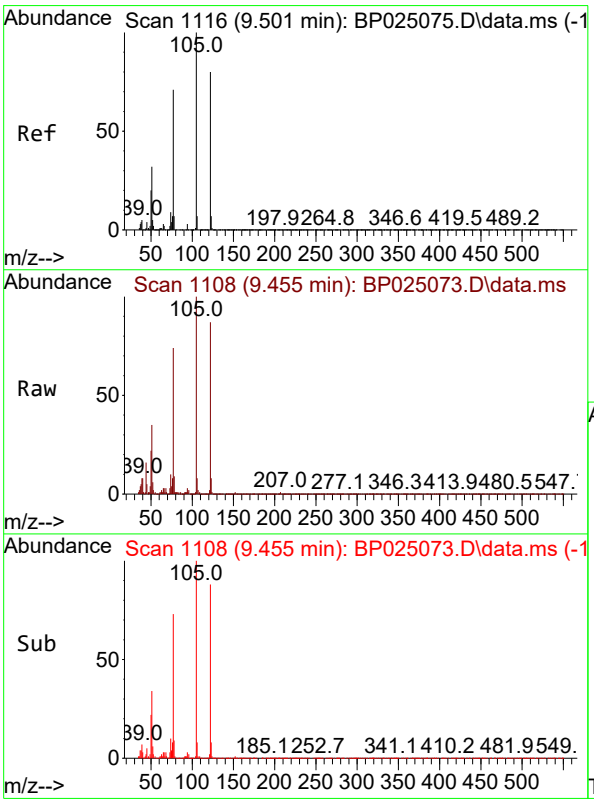
#31
Naphthalene
Concen: 10.005 ng
RT: 10.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 709141

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.6	10.4	15.6

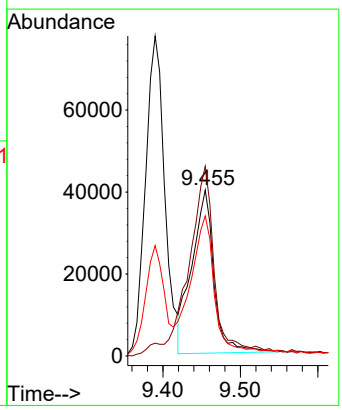


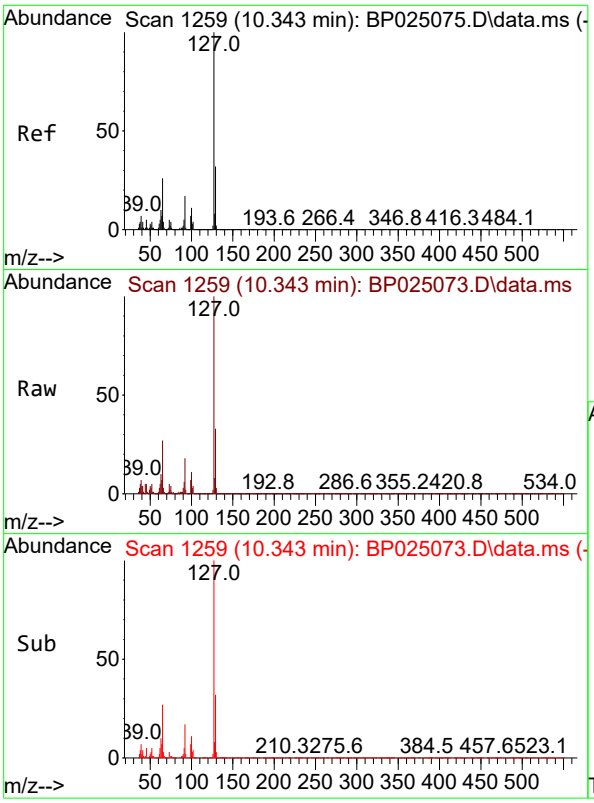


#32
Benzoic acid
Concen: 10.455 ng
RT: 9.455 min Scan# 1108
Delta R.T. -0.046 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:122 Resp: 79225

Ion	Ratio	Lower	Upper
122	100		
105	114.4	101.0	141.0
77	84.3	67.6	107.6



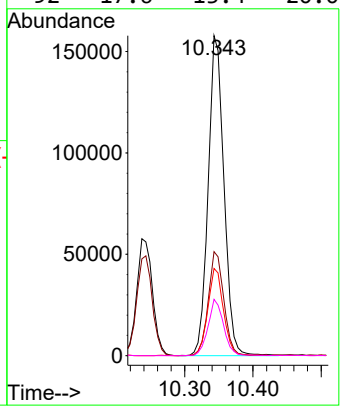


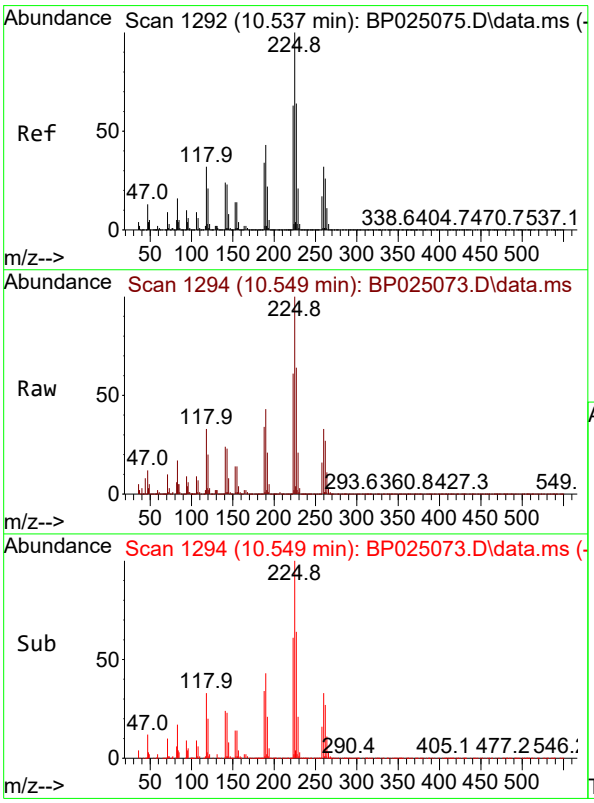
#33
4-Chloroaniline
Concen: 9.621 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 254489

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	27.3	21.0	31.6
92	17.6	13.4	20.0

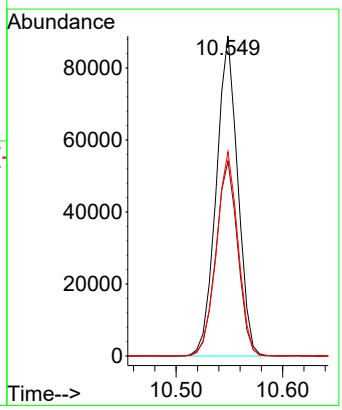


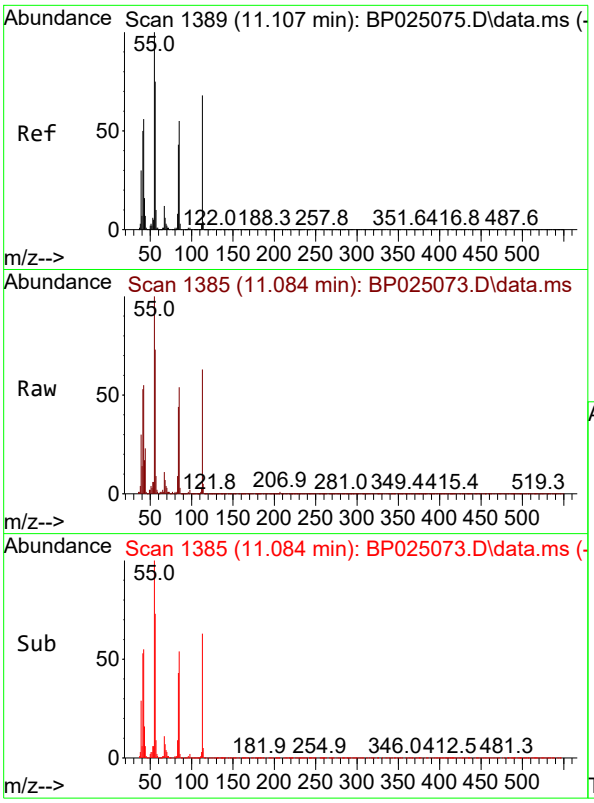


#34
Hexachlorobutadiene
Concen: 9.767 ng
RT: 10.549 min Scan# 1294
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:225 Resp: 124190

Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.3	75.5
227	63.8	51.3	76.9



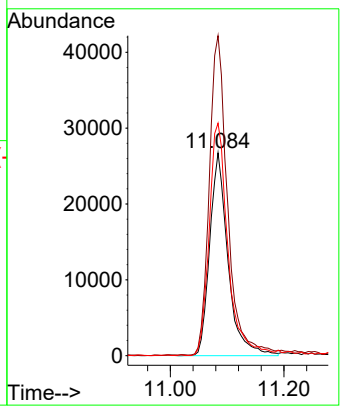


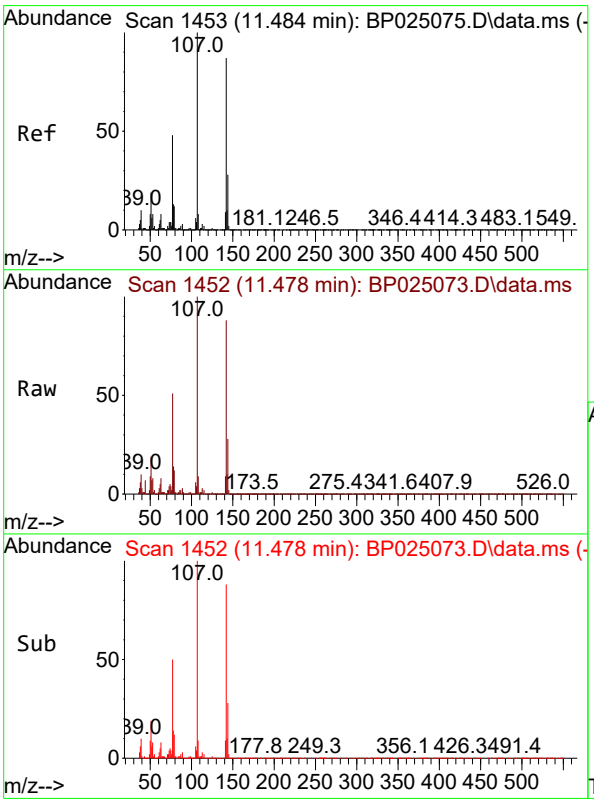
#35
Caprolactam
Concen: 8.700 ng
RT: 11.084 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 59547

Ion	Ratio	Lower	Upper
113	100		
55	157.7	128.1	168.1
56	114.6	90.7	130.7

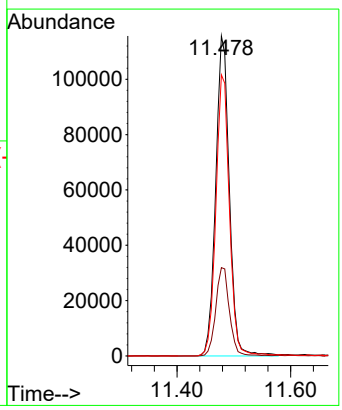


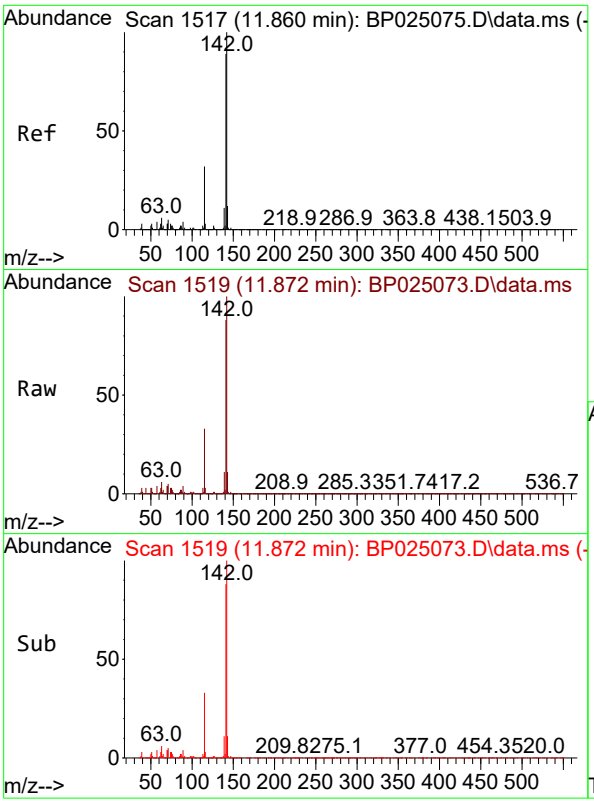


#36
4-Chloro-3-methylphenol
Concen: 9.193 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:107 Resp: 192224

Ion	Ratio	Lower	Upper
107	100		
144	27.6	22.4	33.6
142	87.9	69.6	104.4



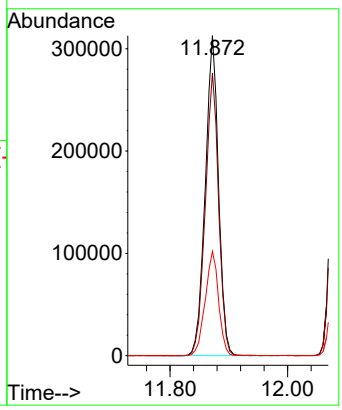


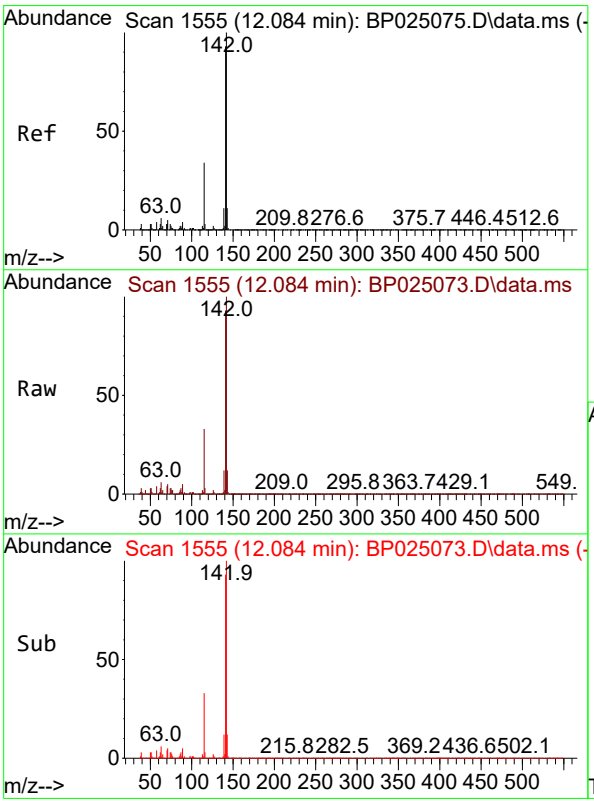
#37
2-Methylnaphthalene
Concen: 9.790 ng
RT: 11.872 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 489608

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8
115	32.6	25.9	38.9

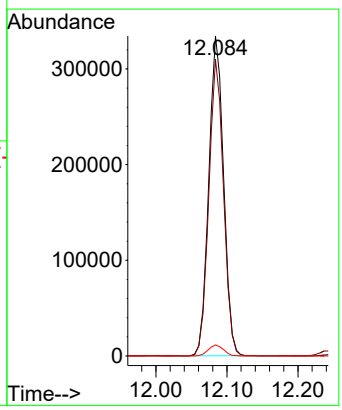


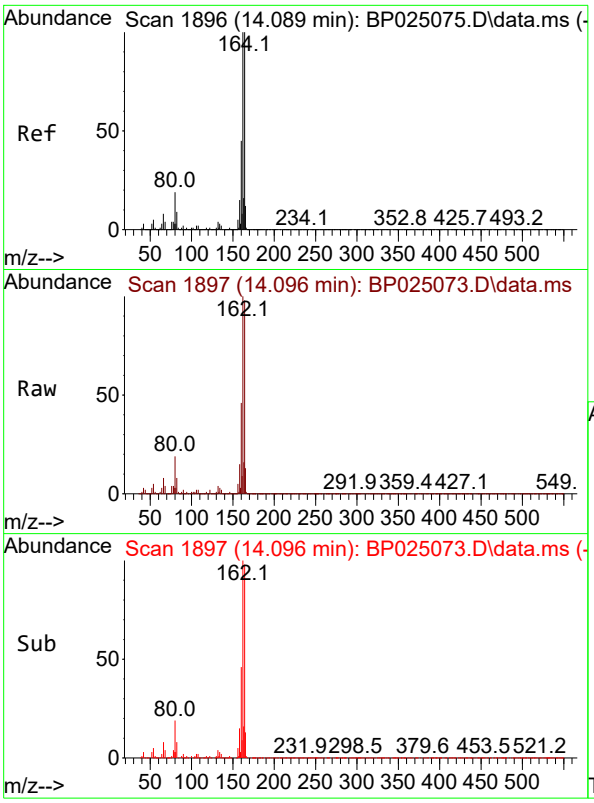


#38
1-Methylnaphthalene
Concen: 9.931 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:142 Resp: 484403

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.1	111.1
116	3.5	2.7	4.1



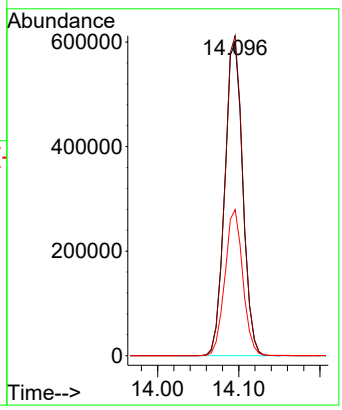


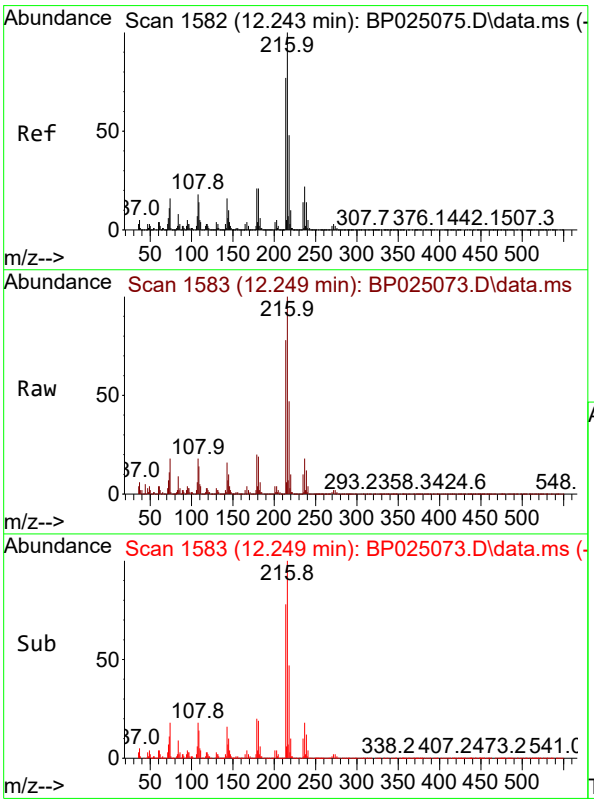
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.096 min Scan# 1
Delta R.T. 0.007 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 924609

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.3	120.5
160	46.5	35.9	53.9

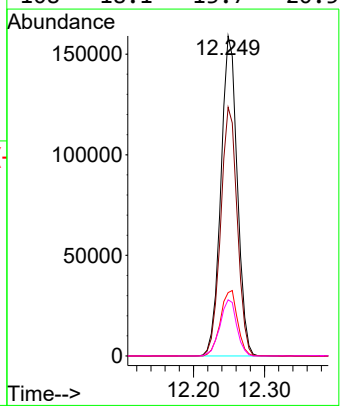


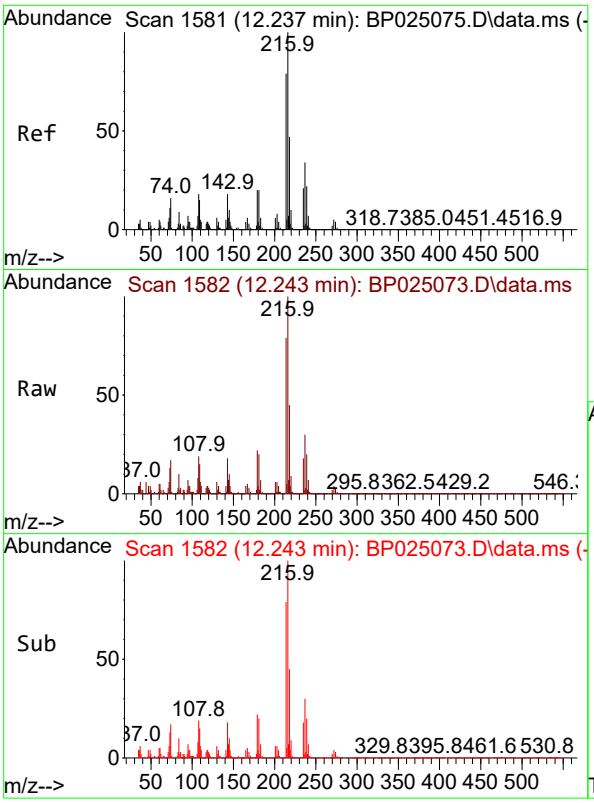


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.554 ng
RT: 12.249 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:216 Resp: 253871

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	21.3	16.5	24.7
108	18.1	13.7	20.5



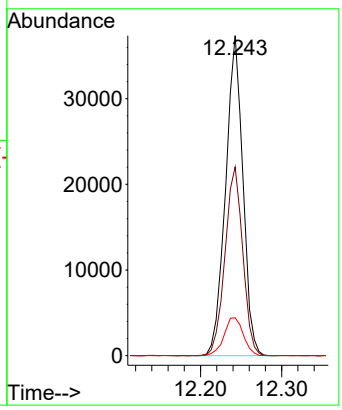


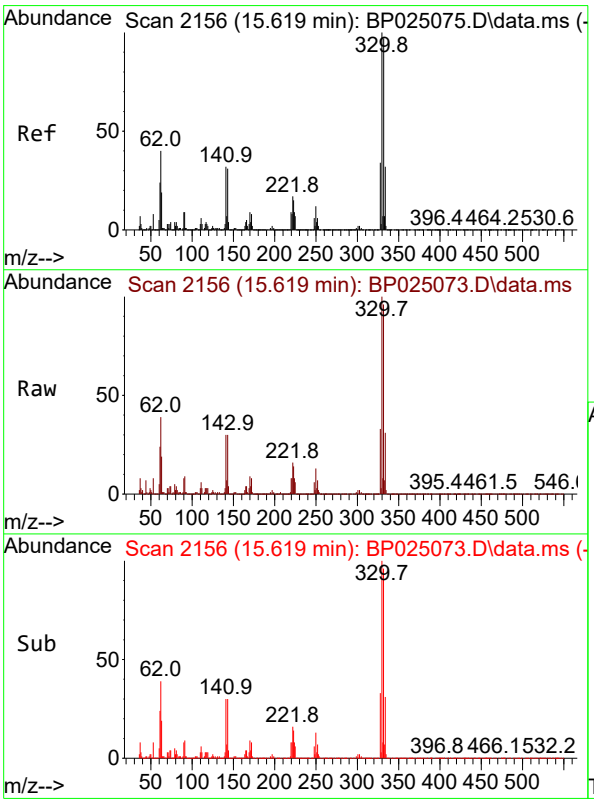
#41
Hexachlorocyclopentadiene
Concen: 7.965 ng
RT: 12.243 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 55283

Ion	Ratio	Lower	Upper
237	100		
235	59.0	41.6	81.6
272	11.8	0.0	33.6

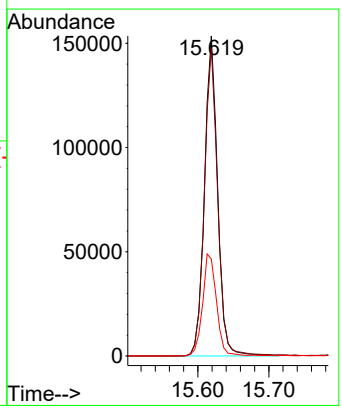


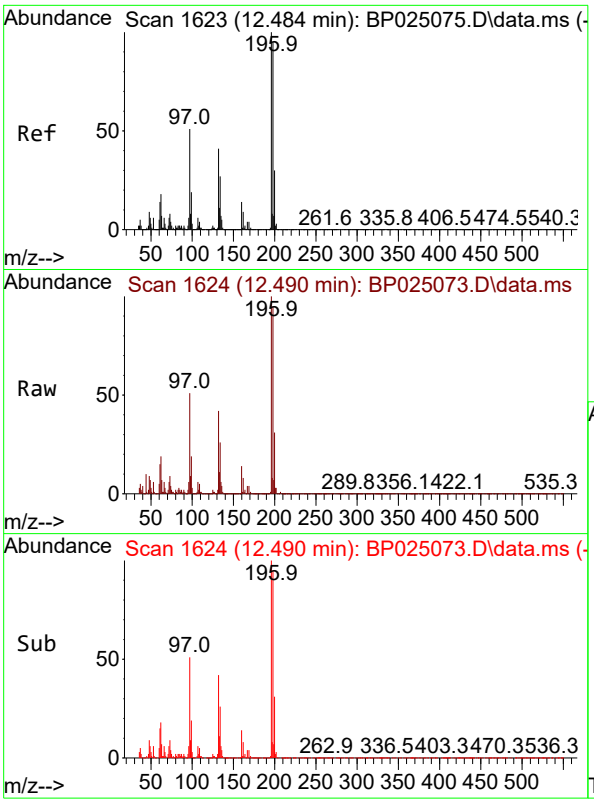


#42
2,4,6-Tribromophenol
Concen: 18.149 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:330 Resp: 198235

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	33.5	26.0	39.0



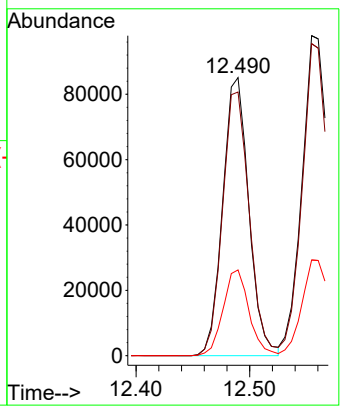


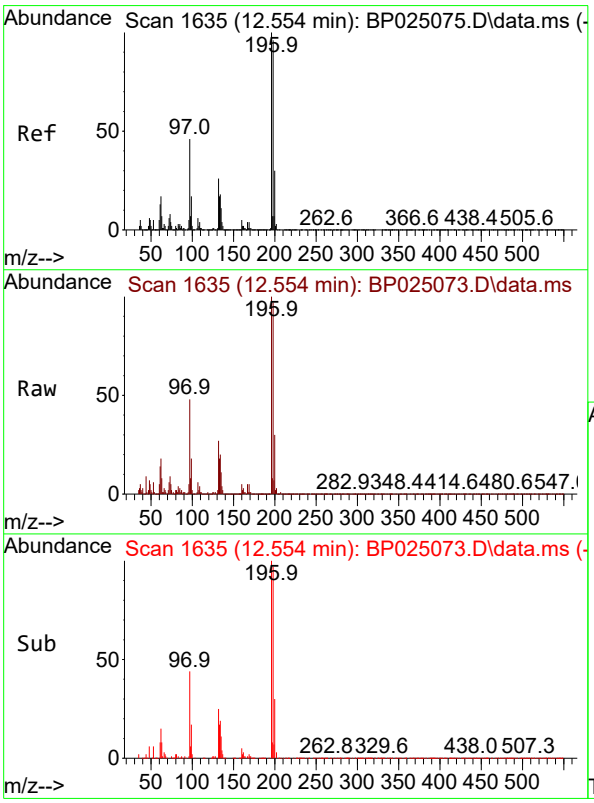
#43
2,4,6-Trichlorophenol
Concen: 8.469 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 136269

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.2
200	30.9	24.3	36.5

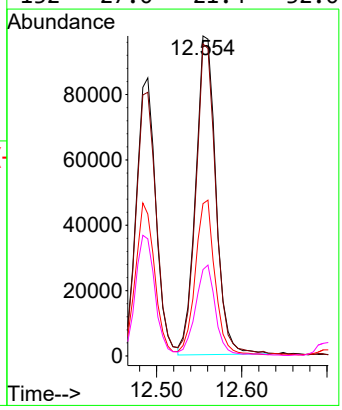


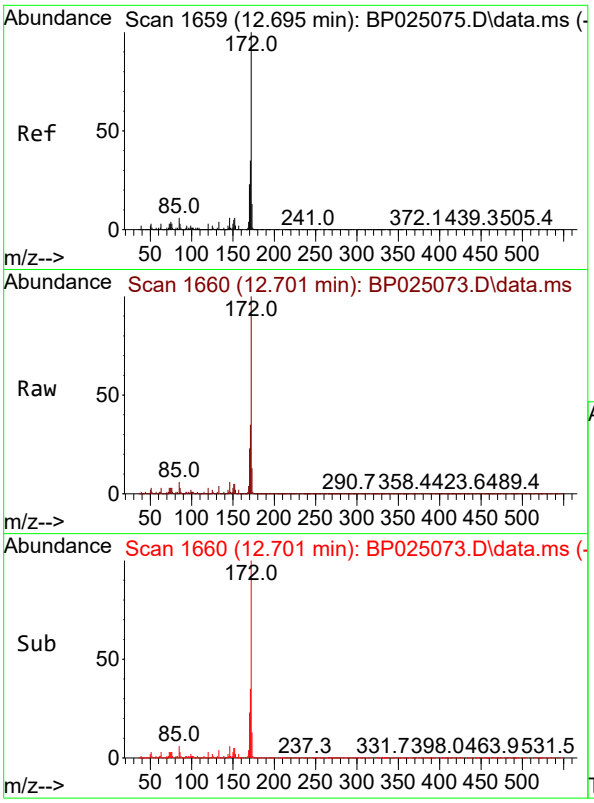


#44
2,4,5-Trichlorophenol
Concen: 8.840 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:196 Resp: 161200

Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.6	115.0
97	47.6	36.6	55.0
132	27.0	21.4	32.0



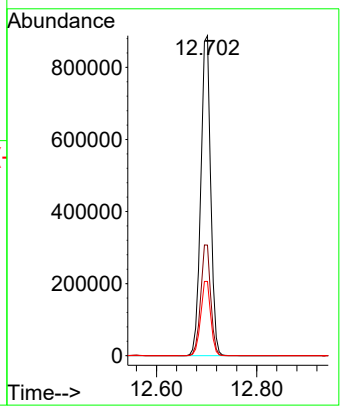


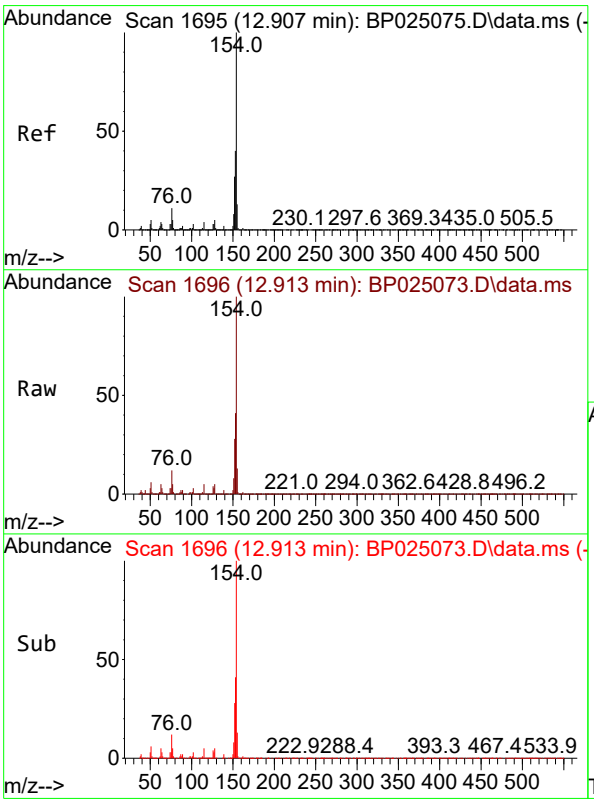
#45
2-Fluorobiphenyl
Concen: 20.297 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 1211432

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	23.2	18.7	28.1

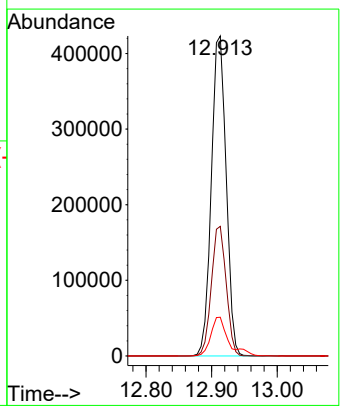


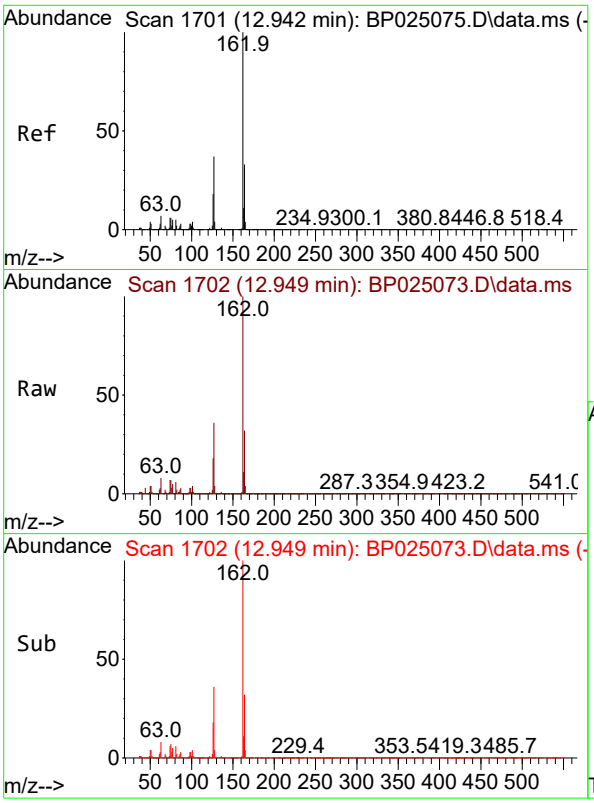


#46
1,1'-Biphenyl
Concen: 9.869 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:154 Resp: 663919

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.2	60.2
76	12.1	0.0	31.5



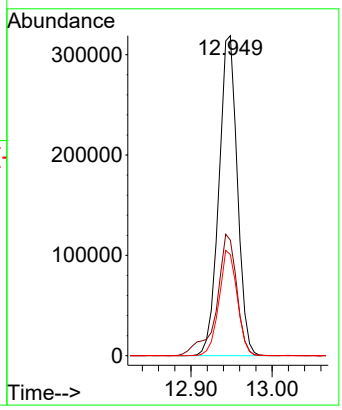


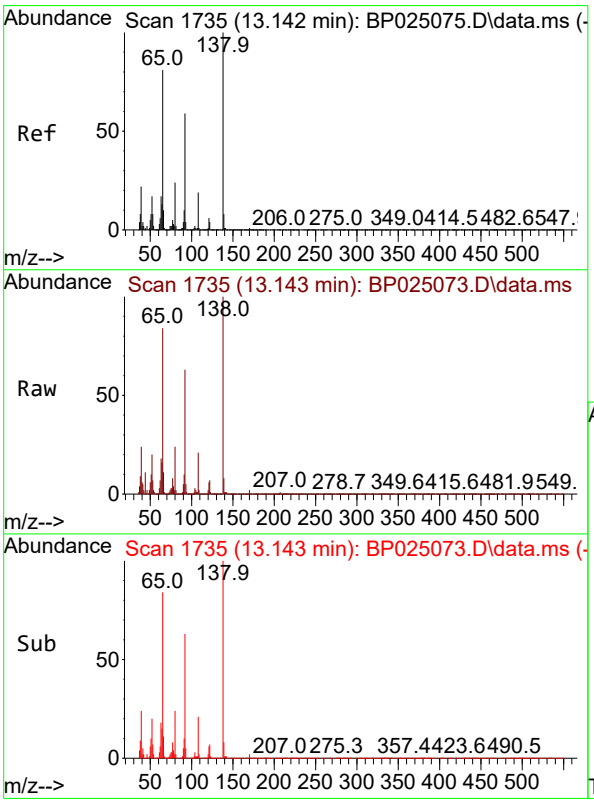
#47
2-Chloronaphthalene
Concen: 9.959 ng
RT: 12.949 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 503580

Ion	Ratio	Lower	Upper
162	100		
127	36.1	29.4	44.2
164	31.6	26.4	39.6

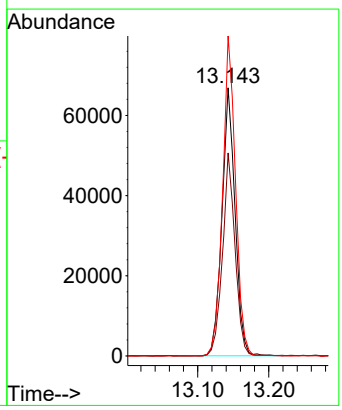


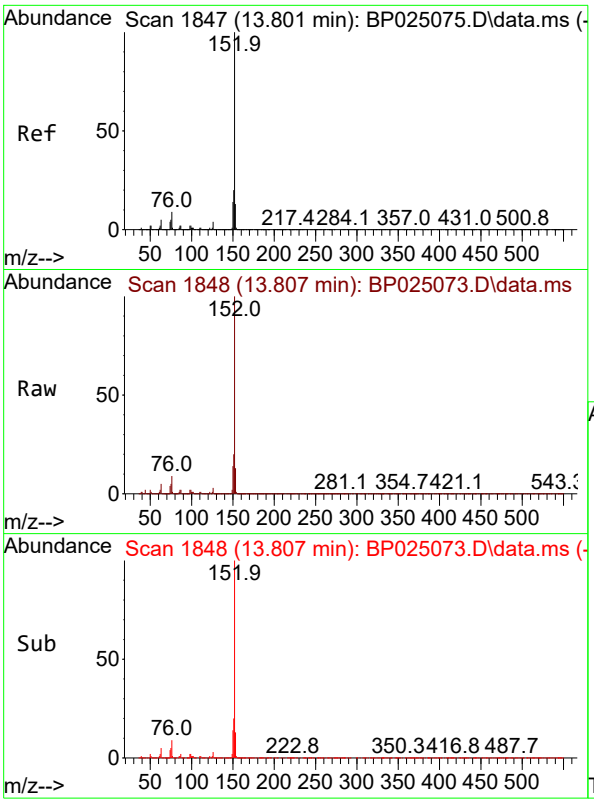


#48
2-Nitroaniline
Concen: 9.283 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 65 Resp: 85669

Ion	Ratio	Lower	Upper
65	100		
92	75.7	58.7	88.1
138	119.3	99.0	148.4



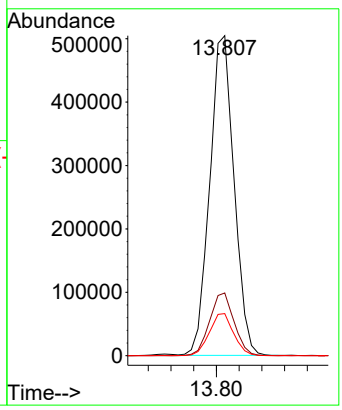


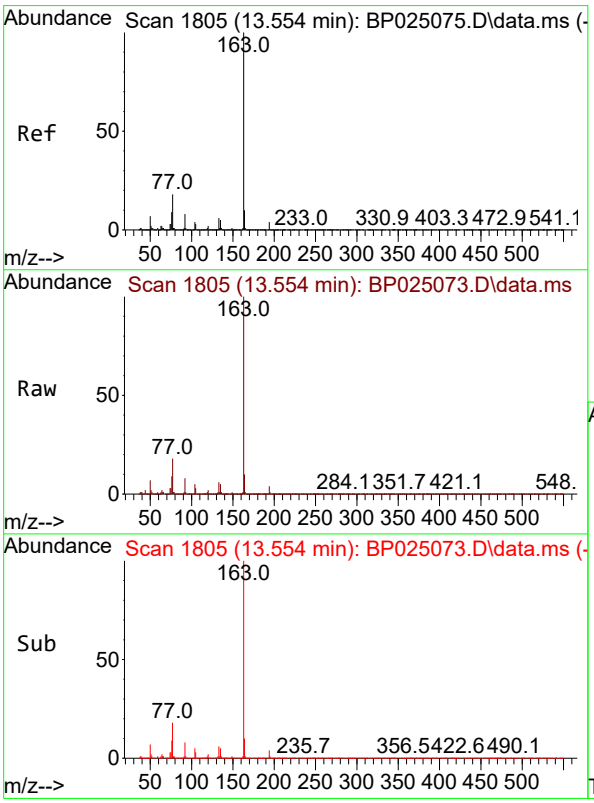
#49
Acenaphthylene
Concen: 9.692 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 750027

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.2	10.7	16.1

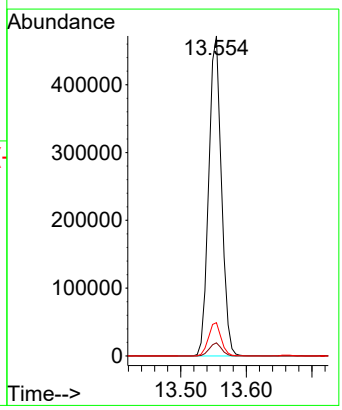


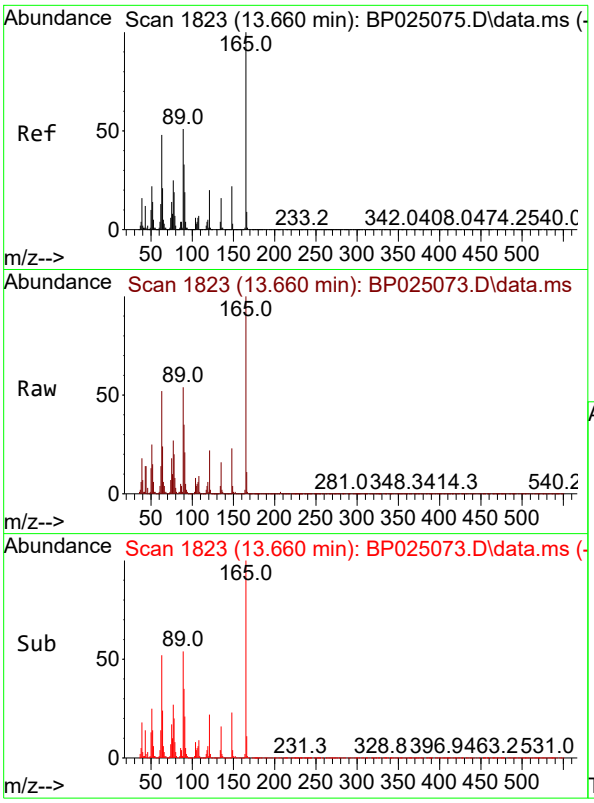


#50
Dimethylphthalate
Concen: 9.828 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:163 Resp: 636102

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.0	12.0



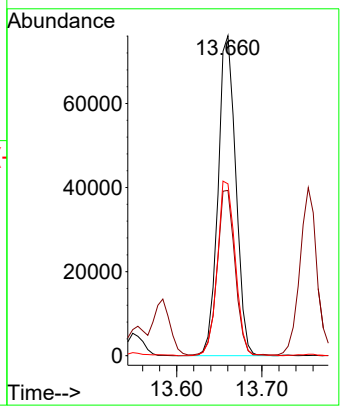


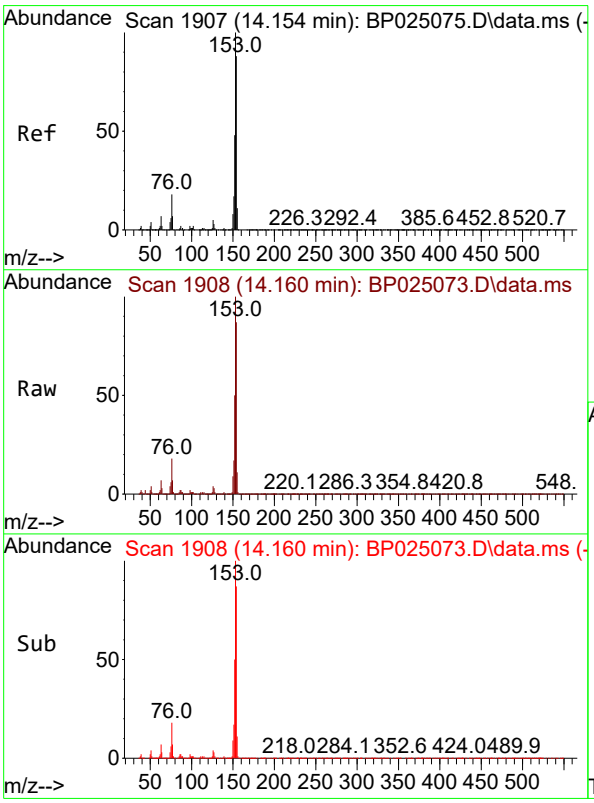
#51
2,6-Dinitrotoluene
Concen: 8.728 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 110177

Ion	Ratio	Lower	Upper
165	100		
63	51.6	38.5	57.7
89	53.7	40.6	61.0

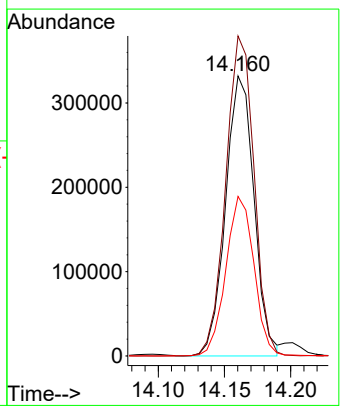


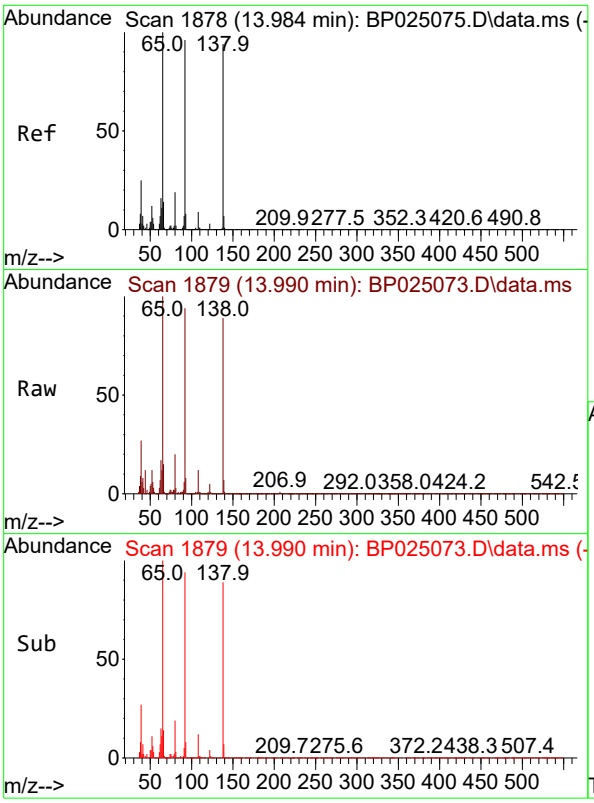


#52
Acenaphthene
Concen: 9.953 ng m
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:154 Resp: 496424

Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.6	136.0
152	57.0	43.8	65.8



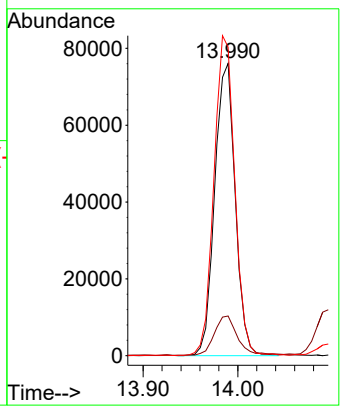


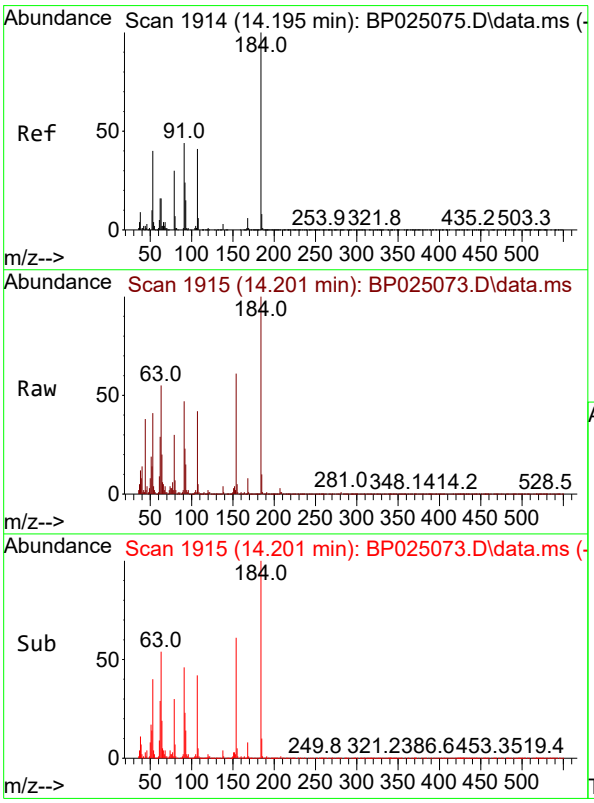
#53
3-Nitroaniline
Concen: 8.481 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 114723

Ion	Ratio	Lower	Upper
138	100		
108	13.6	7.8	11.8#
92	105.5	81.0	121.4

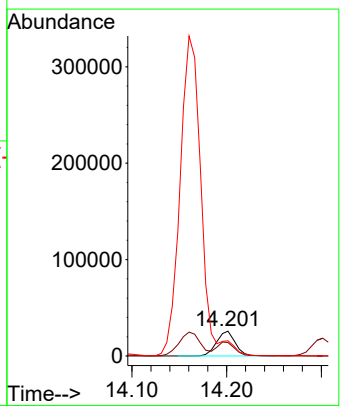


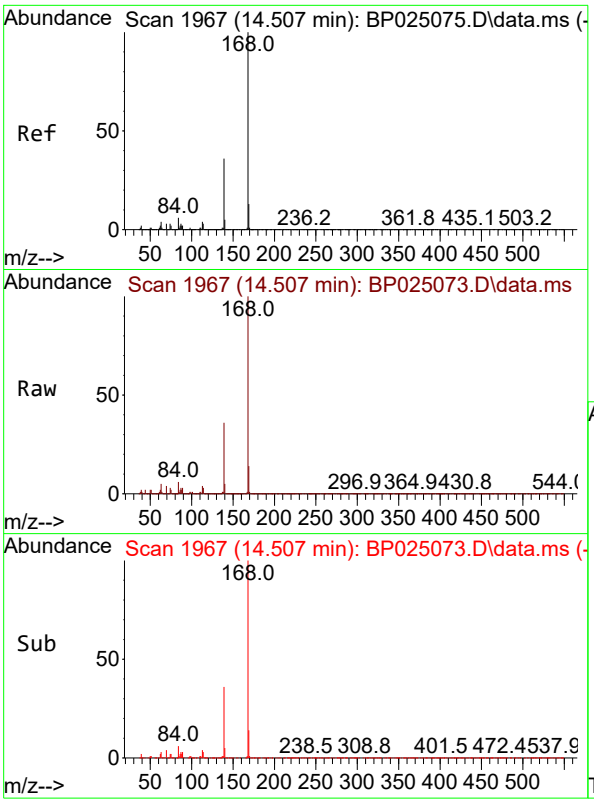


#54
2,4-Dinitrophenol
Concen: 10.737 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:184 Resp: 35399

Ion	Ratio	Lower	Upper
184	100		
63	54.7	47.4	71.0
154	61.2	47.8	71.8



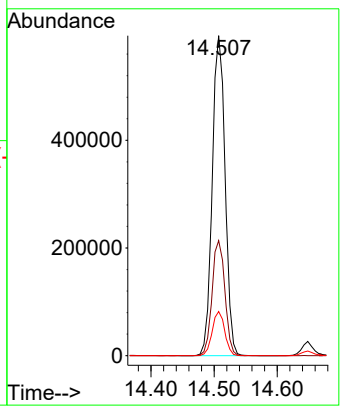


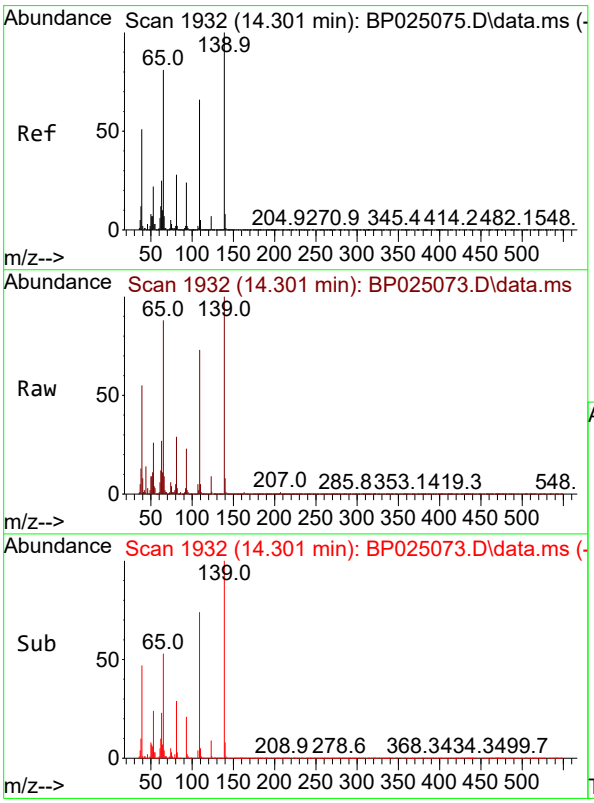
#55
Dibenzofuran
Concen: 10.186 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 838464

Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.6	43.0
169	13.8	10.7	16.1

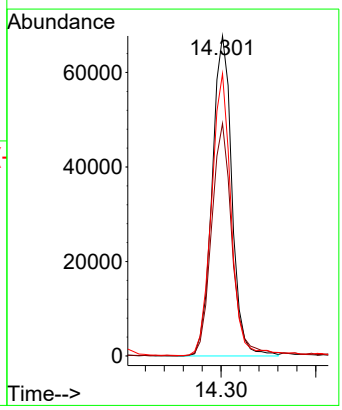


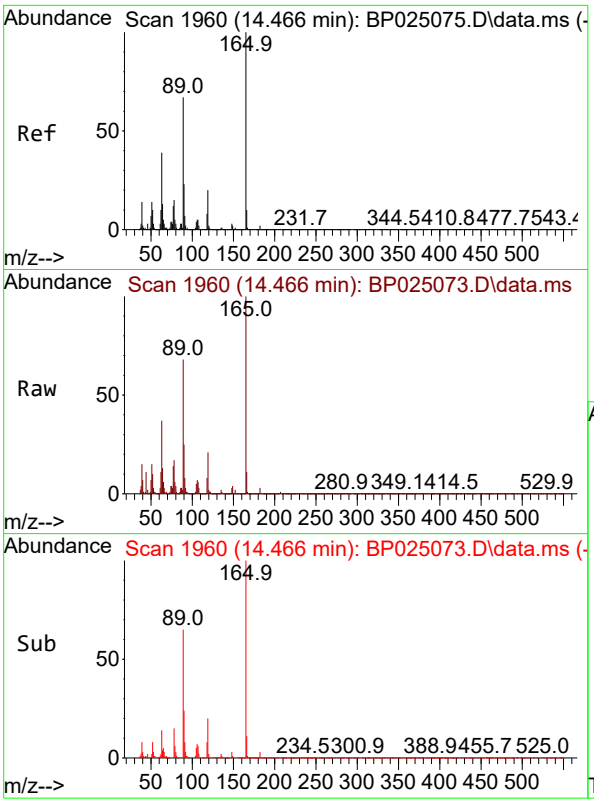


#56
4-Nitrophenol
Concen: 7.853 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:139 Resp: 98038

Ion	Ratio	Lower	Upper
139	100		
109	72.6	45.9	85.9
65	88.2	61.4	101.4



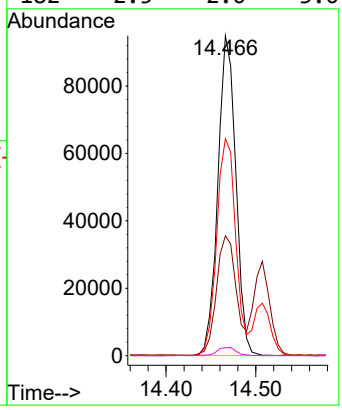


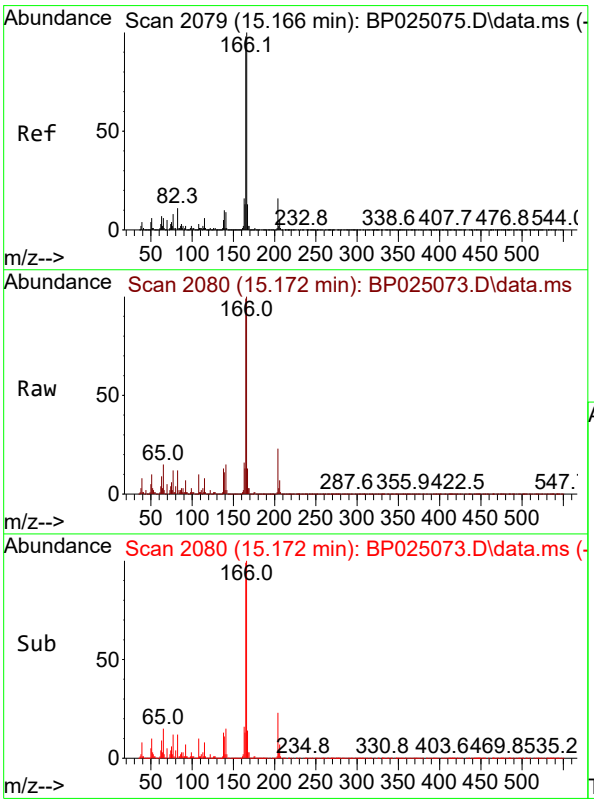
#57
2,4-Dinitrotoluene
Concen: 9.365 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 131885

Ion	Ratio	Lower	Upper
165	100		
63	37.5	31.0	46.4
89	67.9	53.4	80.0
182	2.5	2.0	3.0

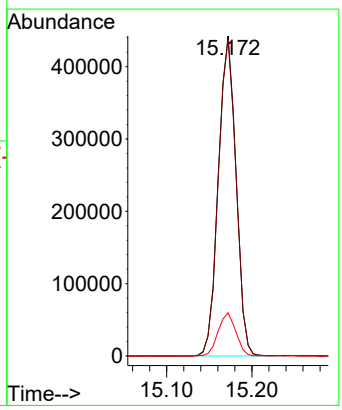


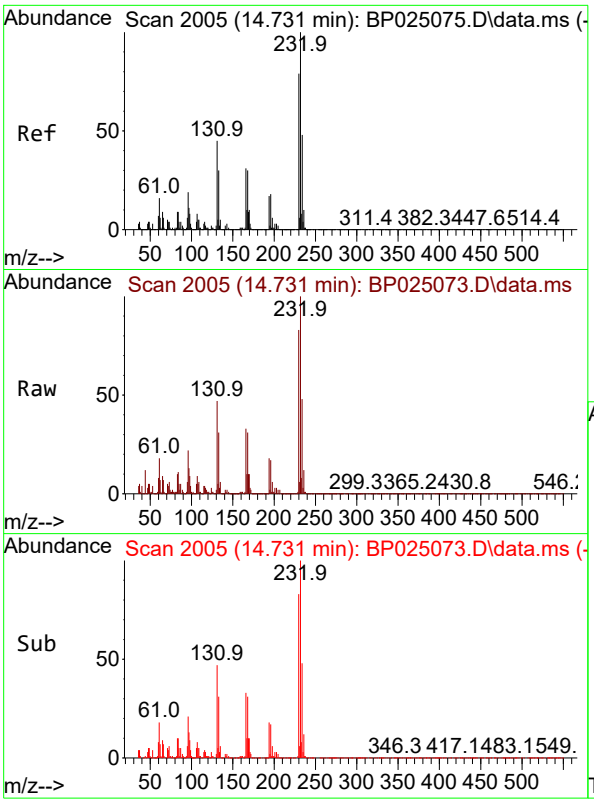


#58
Fluorene
Concen: 10.047 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:166 Resp: 639683

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.5	10.7	16.1



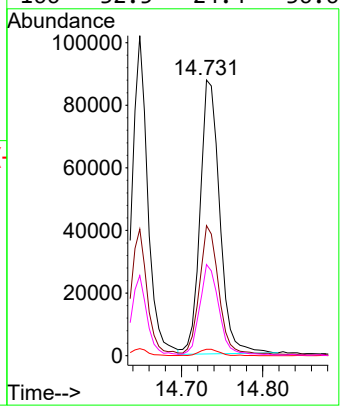


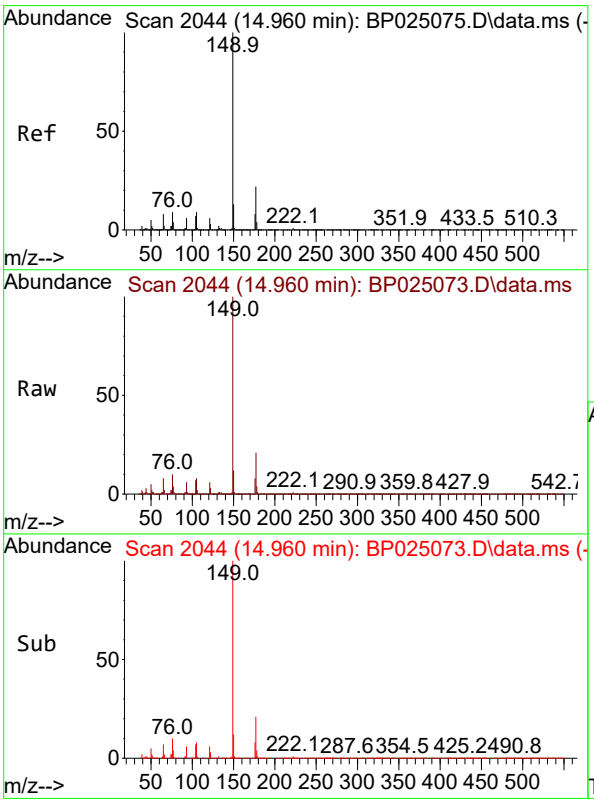
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.890 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 146800

Ion	Ratio	Lower	Upper
232	100		
131	46.4	35.7	53.5
130	2.5	1.8	2.6
166	32.5	24.4	36.6

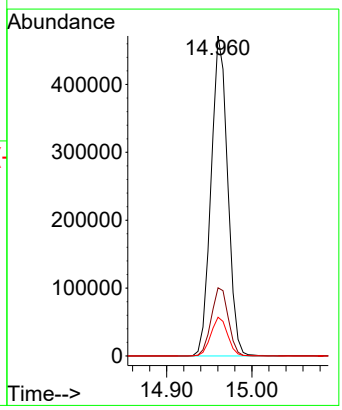


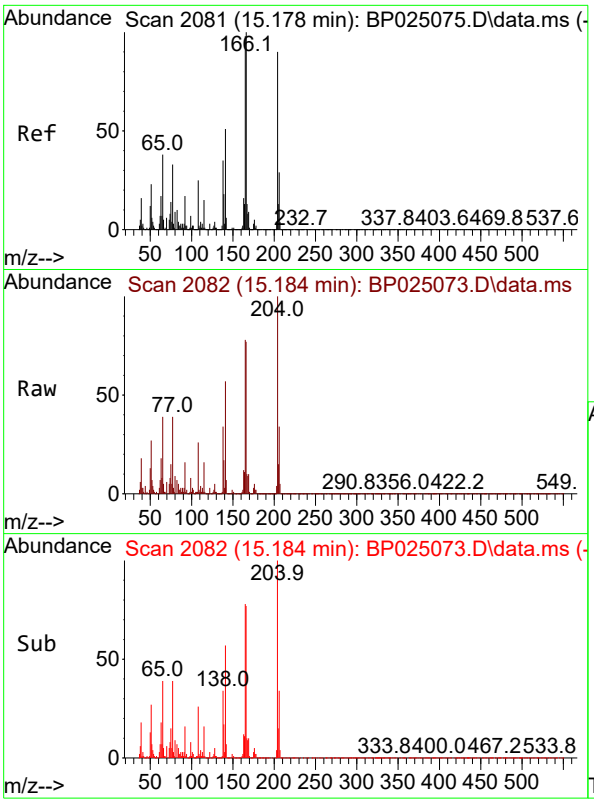


#60
Diethylphthalate
Concen: 9.788 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 636288

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.8	26.8
150	12.1	10.2	15.2



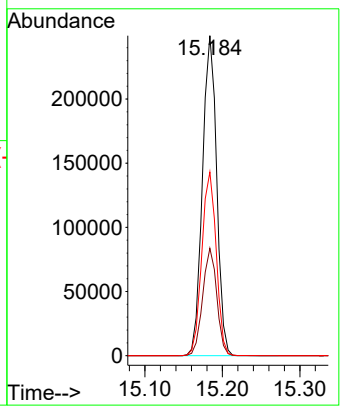


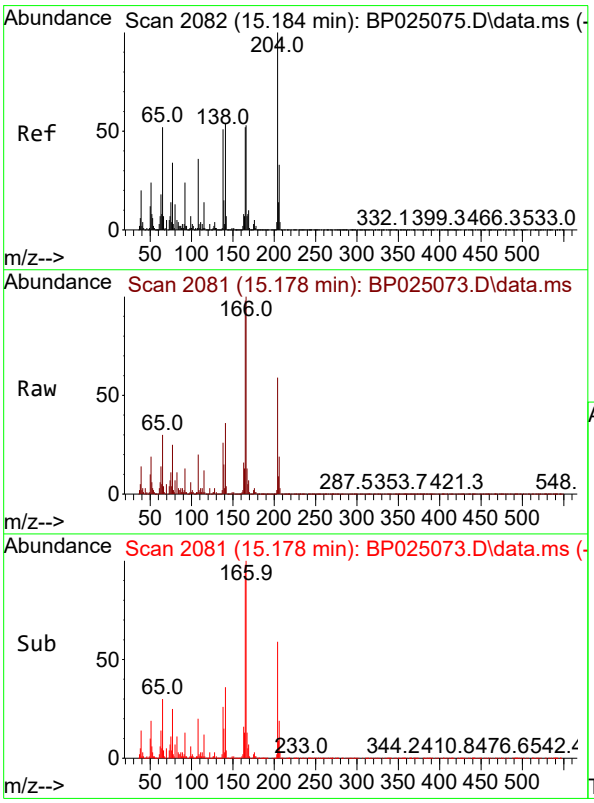
#61
4-Chlorophenyl-phenylether
Concen: 10.084 ng
RT: 15.184 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 317737

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.6
141	57.4	45.1	67.7

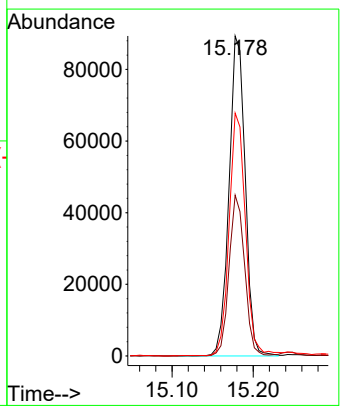


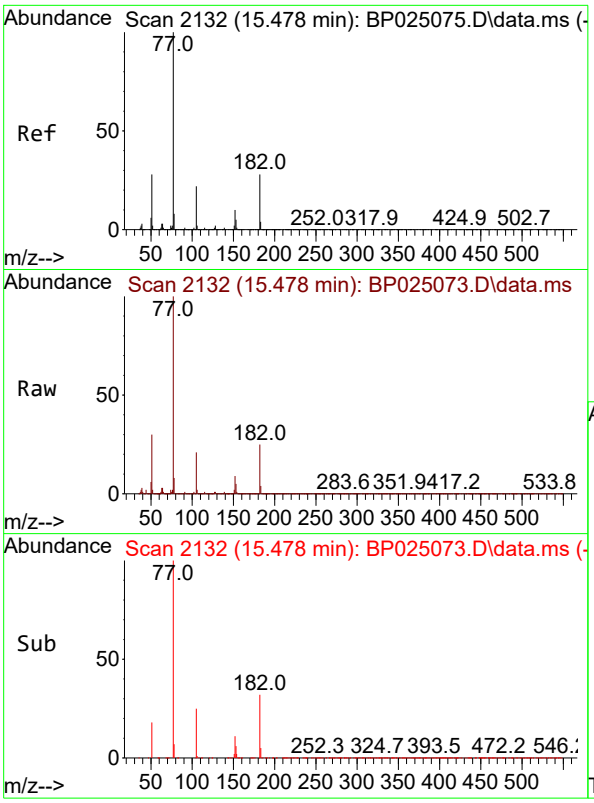


#62
4-Nitroaniline
Concen: 8.706 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:138 Resp: 123493

Ion	Ratio	Lower	Upper
138	100		
92	50.2	26.0	66.0
108	75.9	50.0	90.0



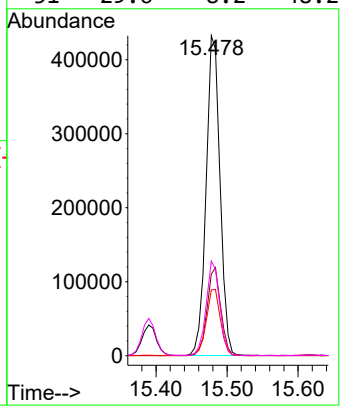


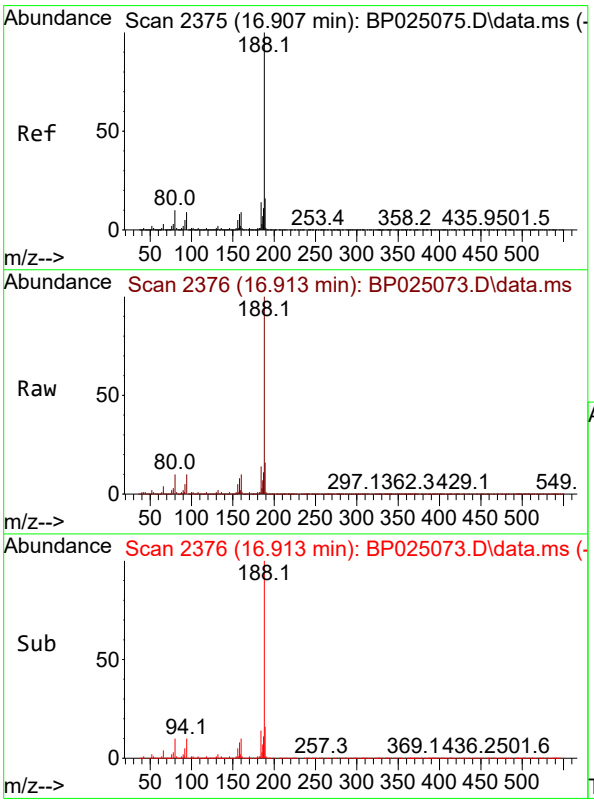
#63
Azobenzene
Concen: 10.181 ng
RT: 15.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 589360

Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.7	47.7
105	20.6	1.9	41.9
51	29.6	8.2	48.2

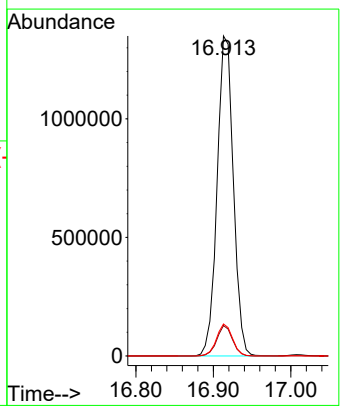


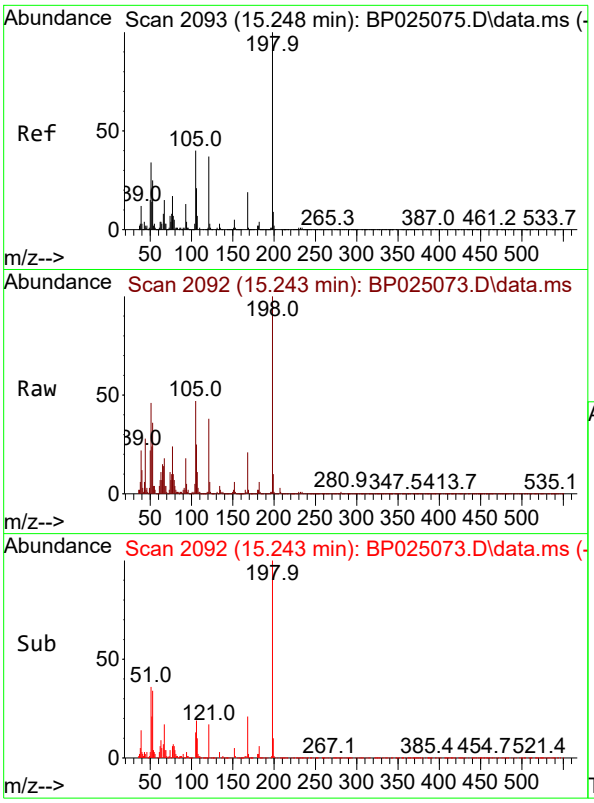


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:188 Resp: 1970410

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.0	7.8	11.6



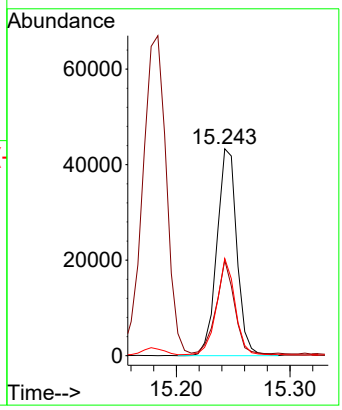


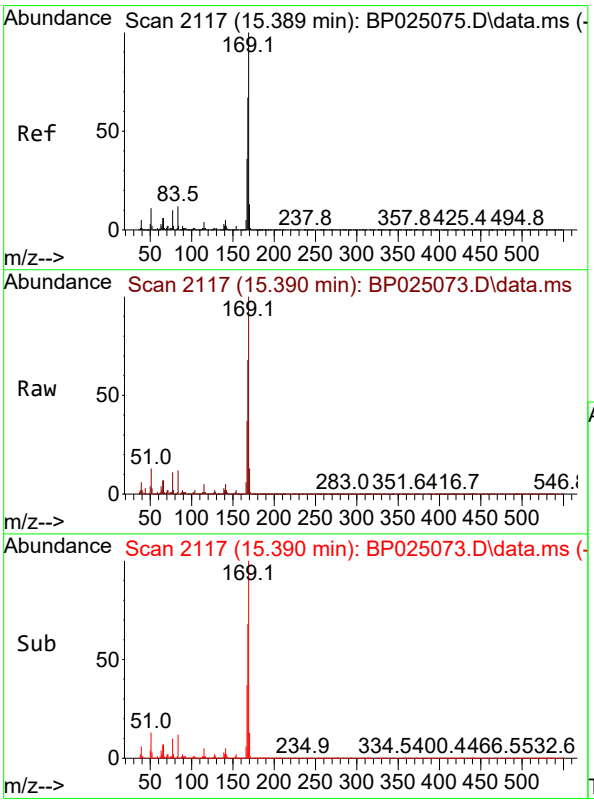
#65
4,6-Dinitro-2-methylphenol
Concen: 10.800 ng
RT: 15.243 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 52978

Ion	Ratio	Lower	Upper
198	100		
51	46.1	16.8	56.8
105	46.9	20.8	60.8

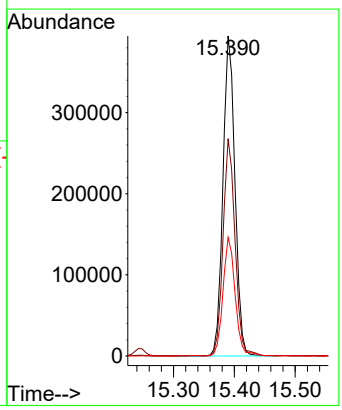


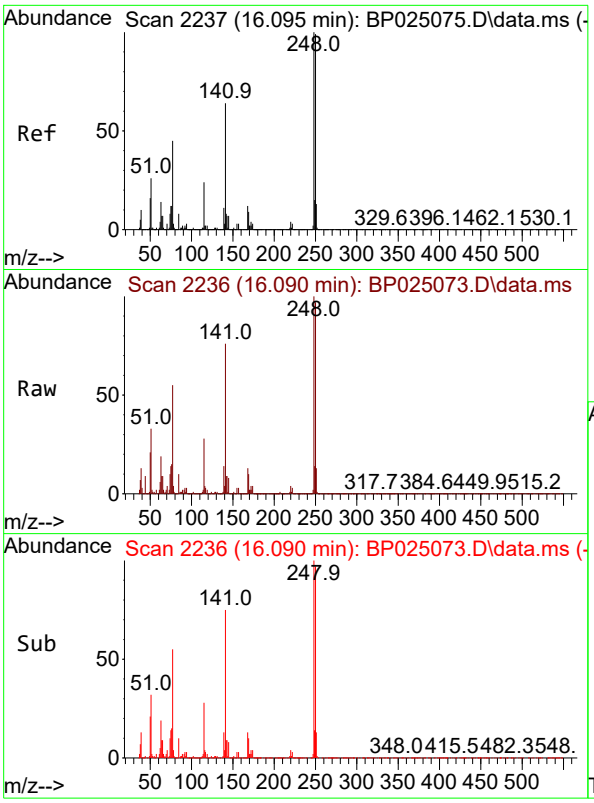


#66
n-Nitrosodiphenylamine
Concen: 9.573 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:169 Resp: 539820

Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.1	81.1
167	37.0	29.0	43.6



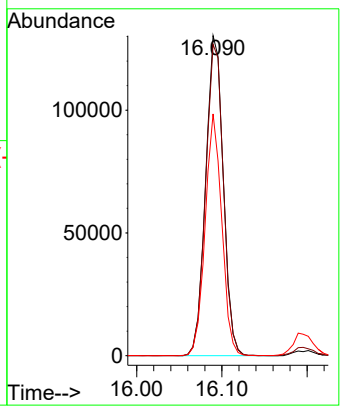


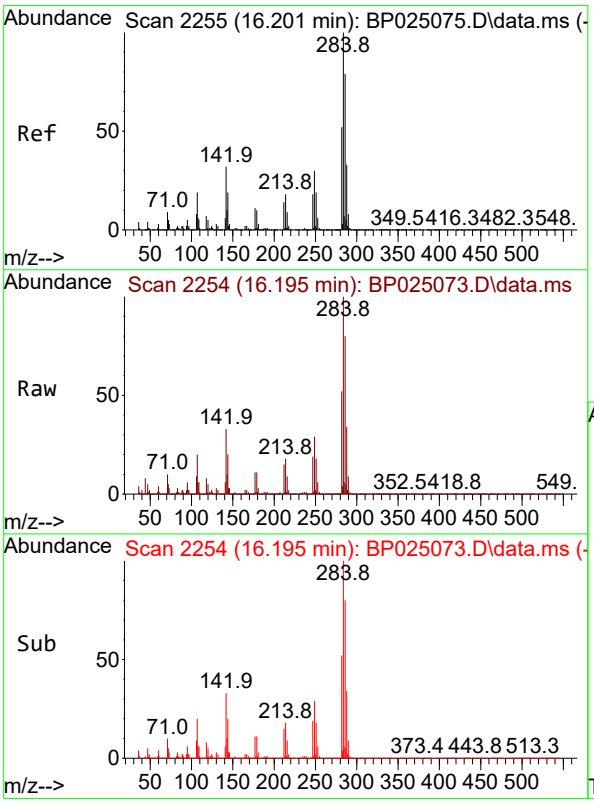
#67
4-Bromophenyl-phenylether
Concen: 9.256 ng
RT: 16.090 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 186736

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.2
141	75.5	51.4	77.0

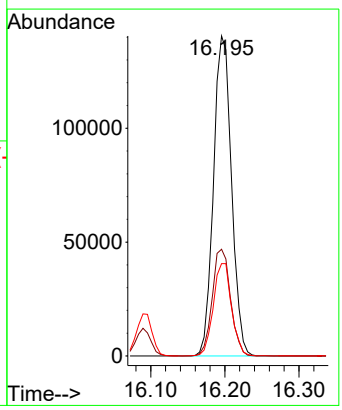


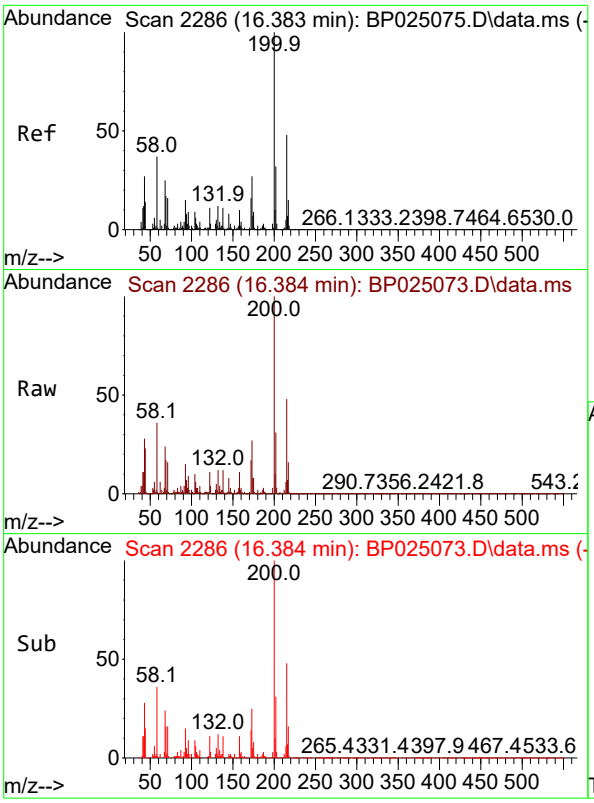


#68
Hexachlorobenzene
Concen: 9.604 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:284 Resp: 236838

Ion	Ratio	Lower	Upper
284	100		
142	33.3	25.9	38.9
249	28.9	23.8	35.8



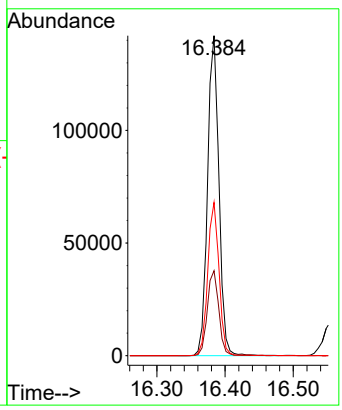


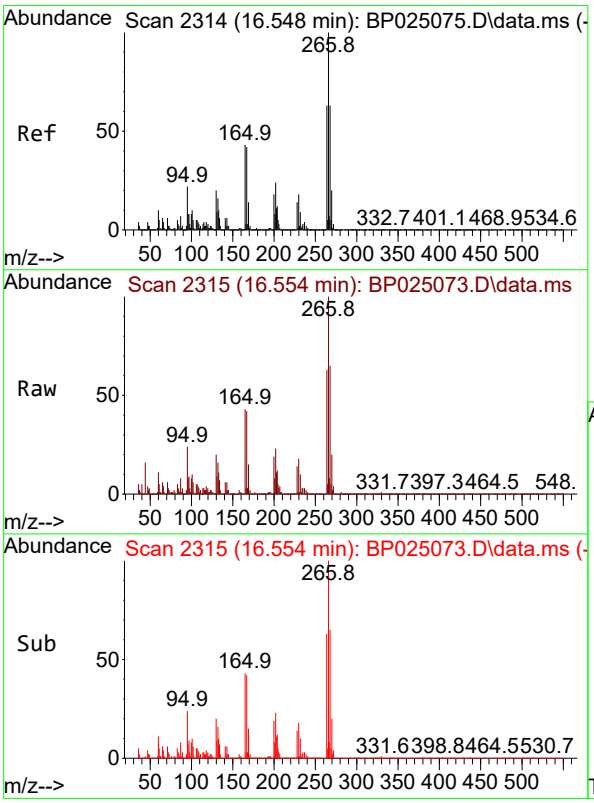
#69
Atrazine
Concen: 9.954 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 164479

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	47.9	28.0	68.0

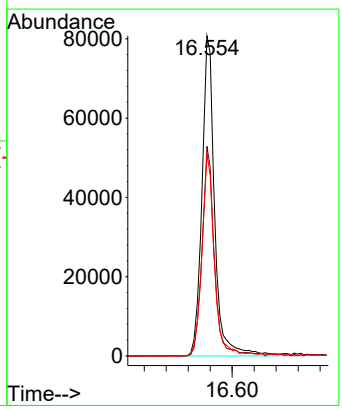


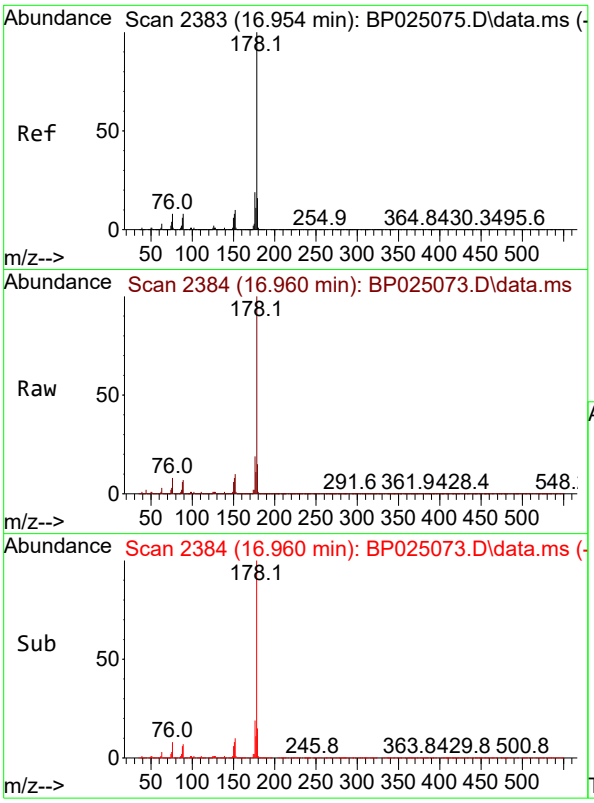


#70
Pentachlorophenol
Concen: 7.774 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:266 Resp: 129459

Ion	Ratio	Lower	Upper
266	100		
268	65.5	50.4	75.6
264	63.0	50.2	75.2



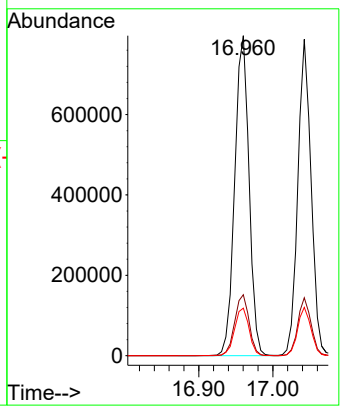


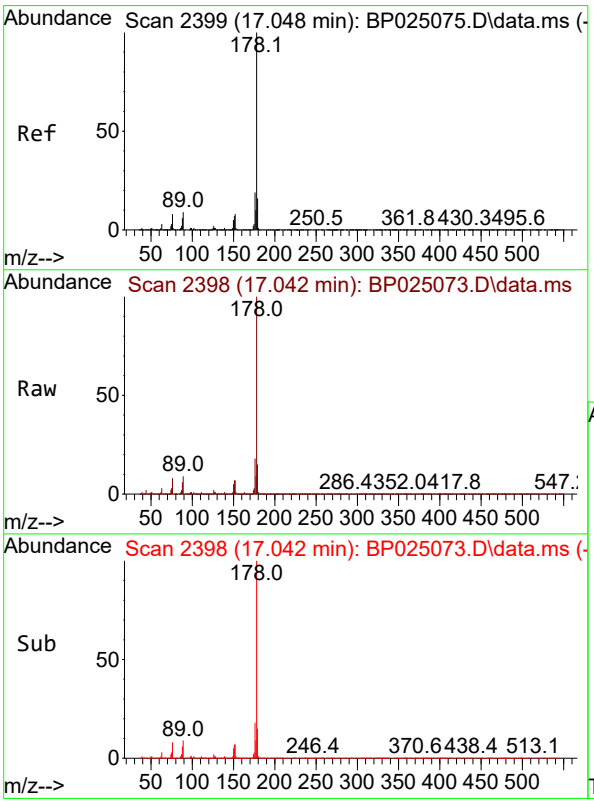
#71
Phenanthrene
Concen: 10.146 ng
RT: 16.960 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 1068228

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	14.8	12.6	19.0

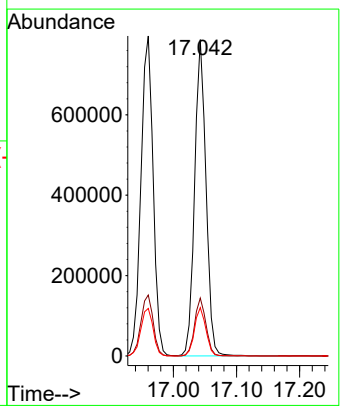


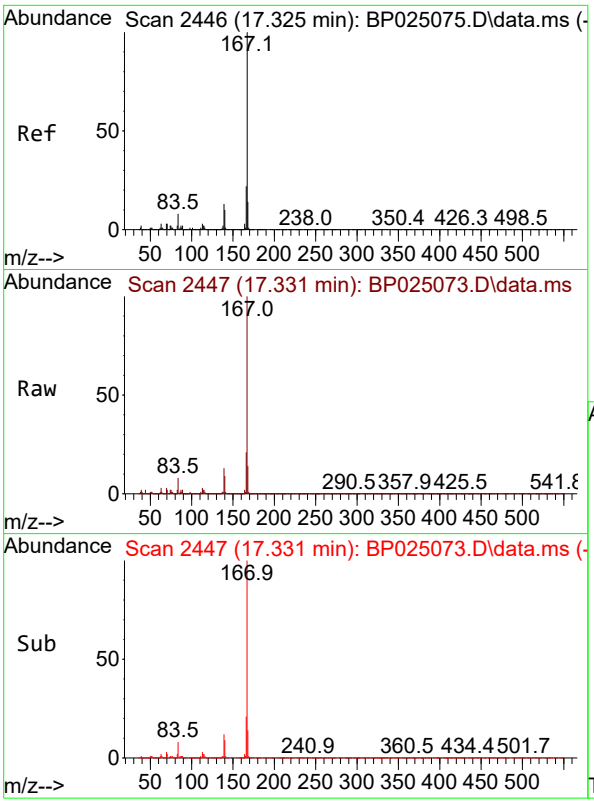


#72
Anthracene
Concen: 9.710 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:178 Resp: 980773

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.3	12.5	18.7



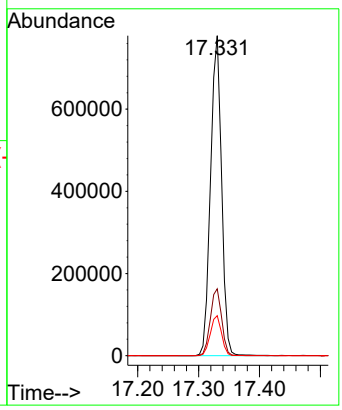


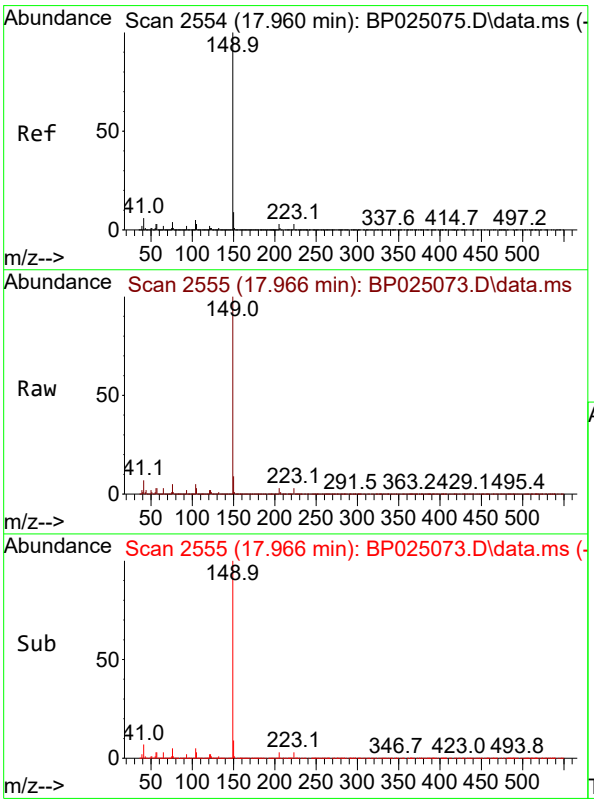
#73
Carbazole
Concen: 9.917 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 979377

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	12.5	10.4	15.6

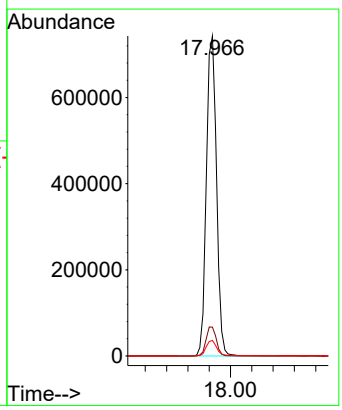


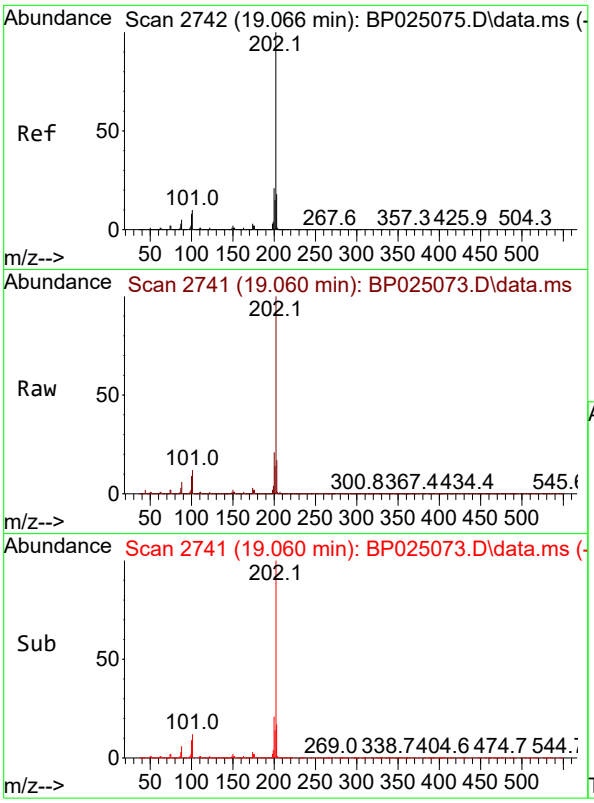


#74
Di-n-butylphthalate
Concen: 8.907 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 979540

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.9	3.8	5.6



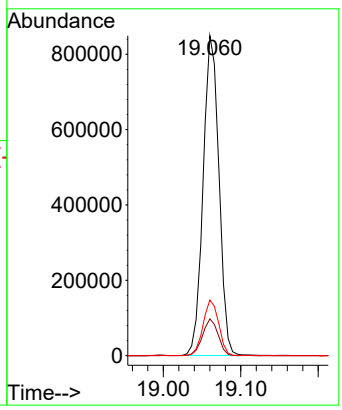


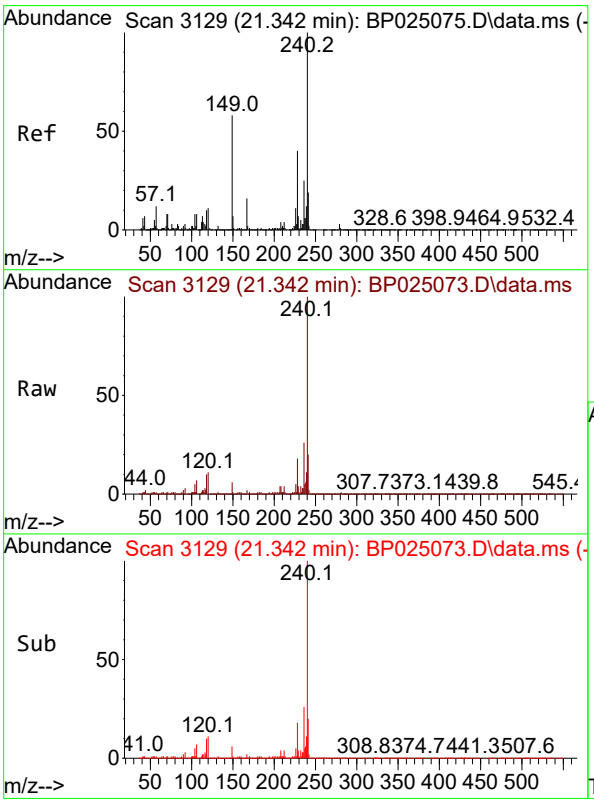
#75
Fluoranthene
Concen: 9.781 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 1203752

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.4
203	17.4	0.0	37.6

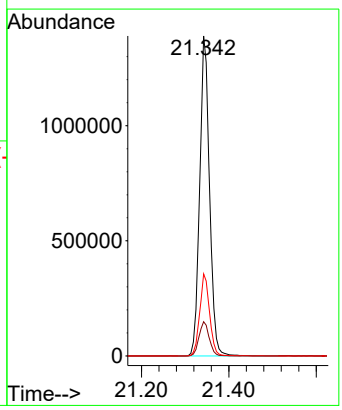


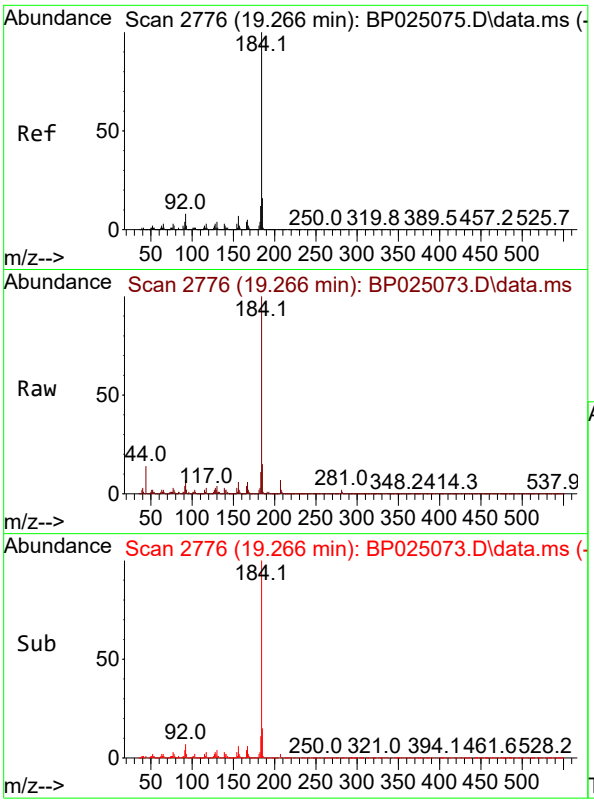


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:240 Resp: 2172955

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	25.7	20.3	30.5



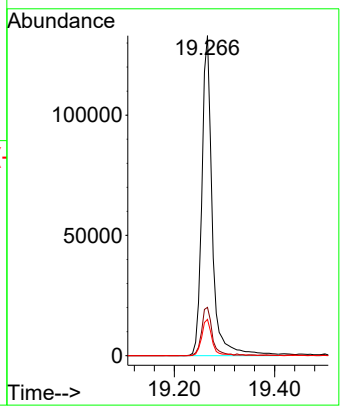


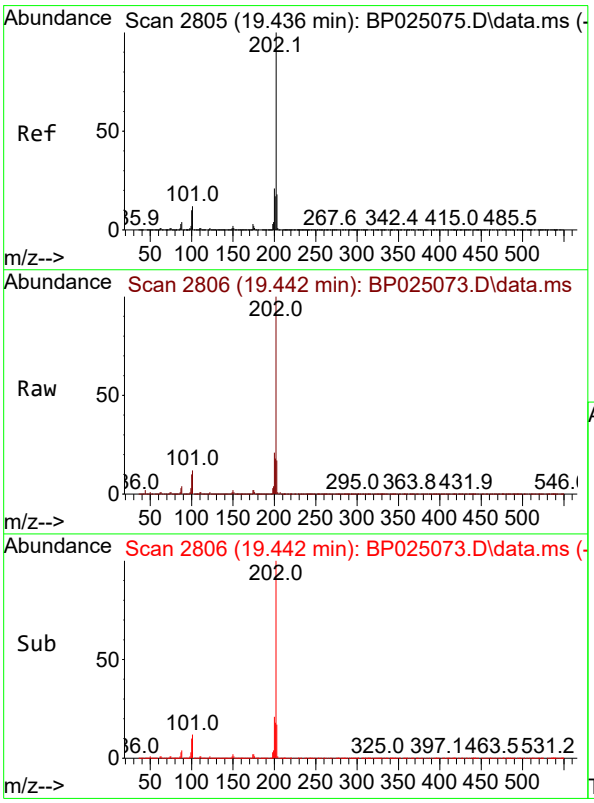
#77
Benzidine
Concen: 5.003 ng
RT: 19.266 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 192008

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	11.4	9.4	14.2

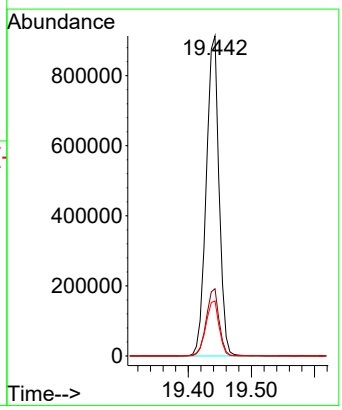


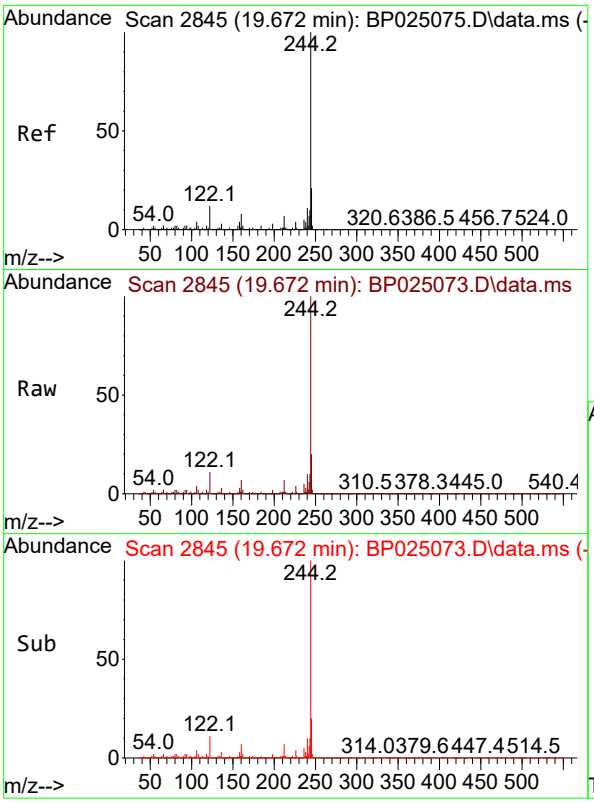


#78
Pyrene
Concen: 9.559 ng
RT: 19.442 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:202 Resp: 1286495

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.2	14.1	21.1



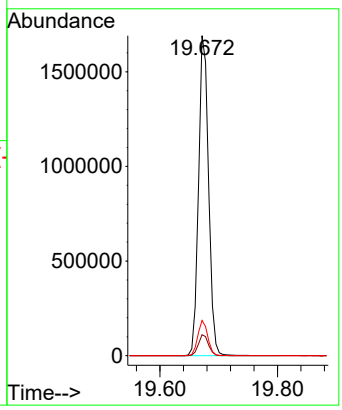


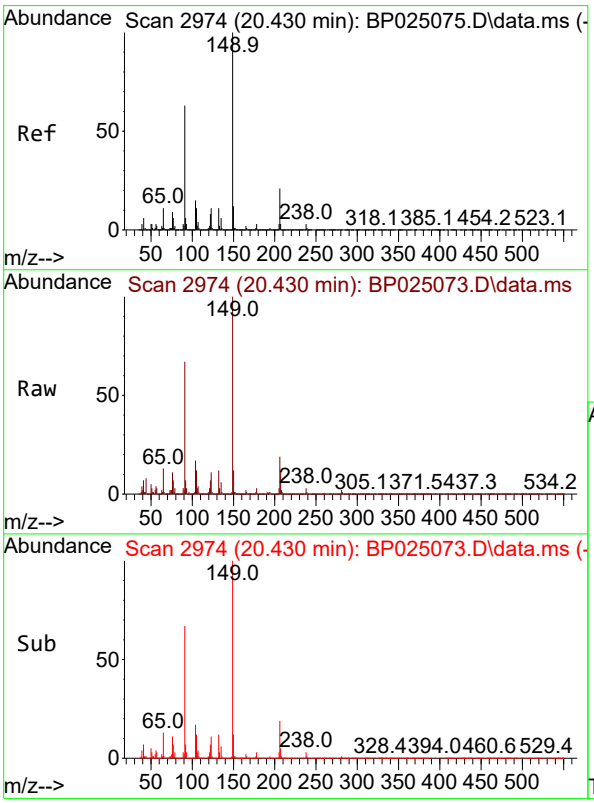
#79
Terphenyl-d14
Concen: 20.207 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1997838

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	11.0	9.4	14.2

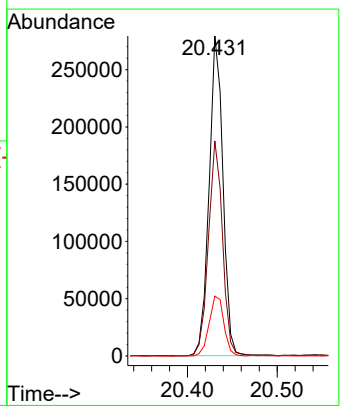


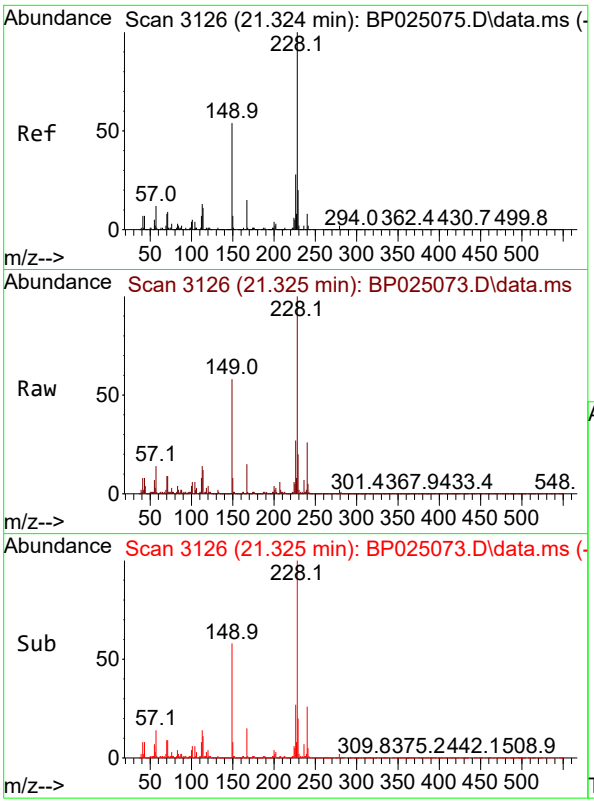


#80
Butylbenzylphthalate
Concen: 9.024 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 300028

Ion	Ratio	Lower	Upper
149	100		
91	67.2	50.6	76.0
206	18.7	17.2	25.8



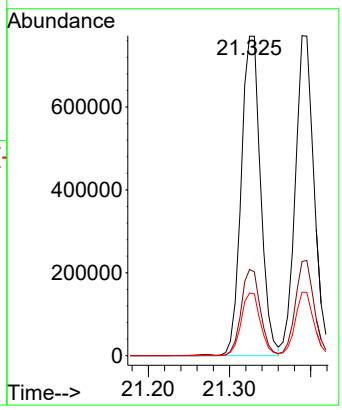


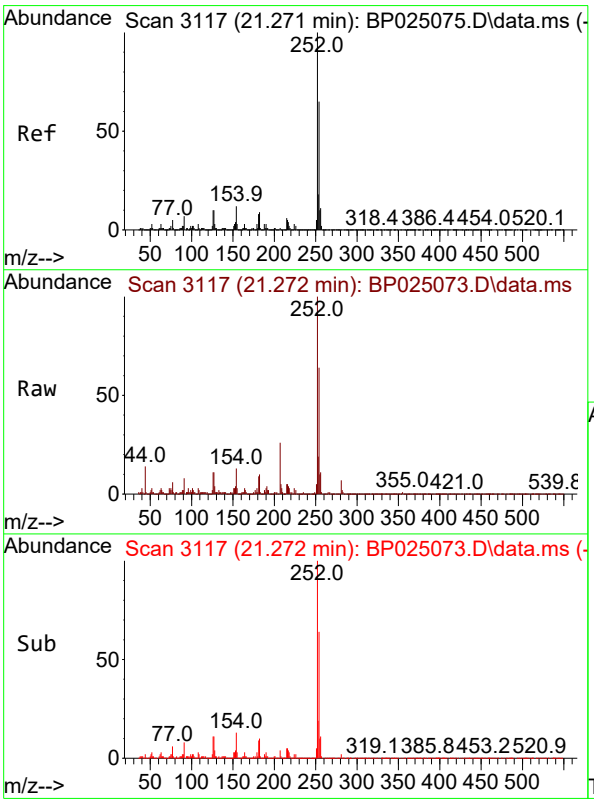
#81
Benzo(a)anthracene
Concen: 9.691 ng
RT: 21.325 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1276106

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.6	16.0	24.0

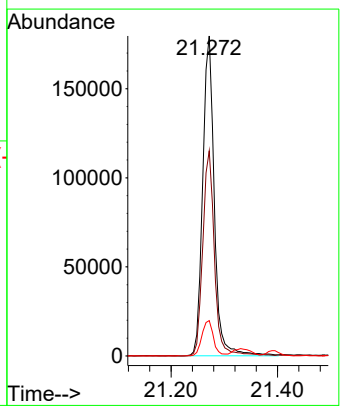


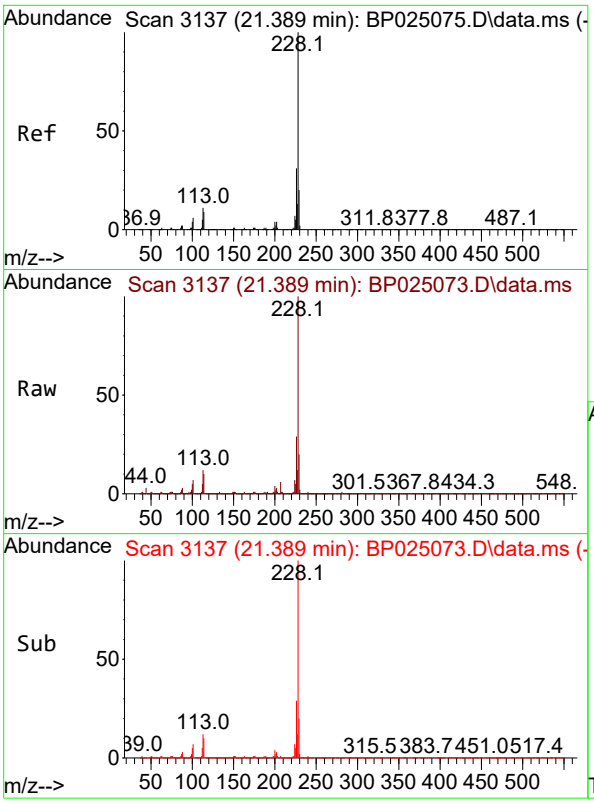


#82
3,3'-Dichlorobenzidine
Concen: 6.834 ng
RT: 21.272 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 270931

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	11.0	8.1	12.1



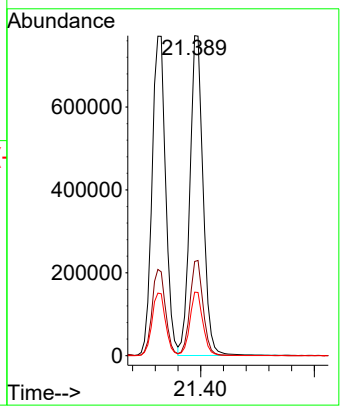


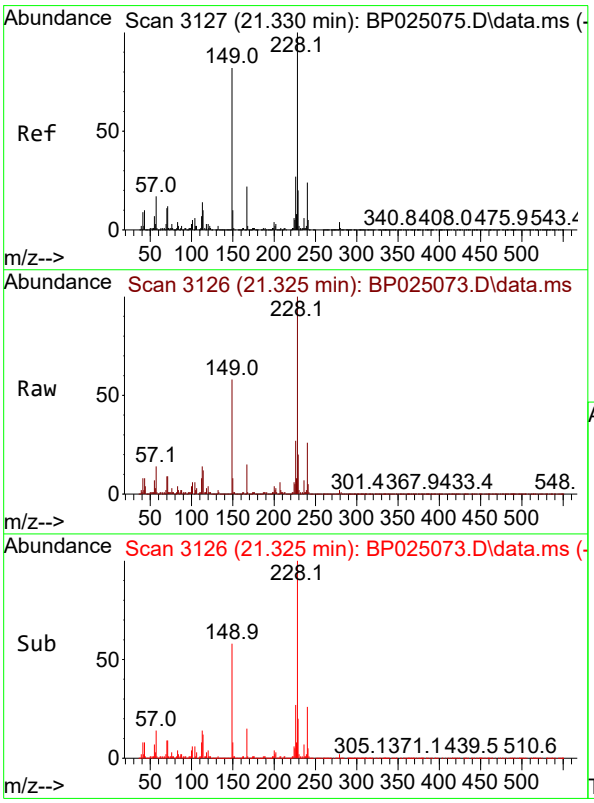
#83
Chrysene
Concen: 9.832 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1246003

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	19.9	16.0	24.0

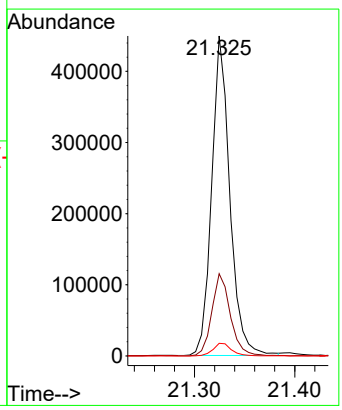


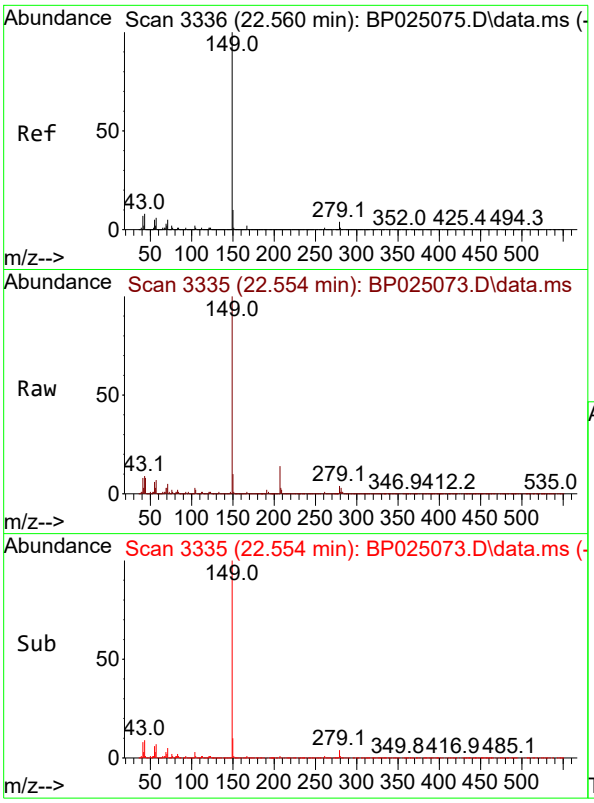


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.999 ng
RT: 21.325 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 564998

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.9	32.9
279	3.9	3.5	5.3



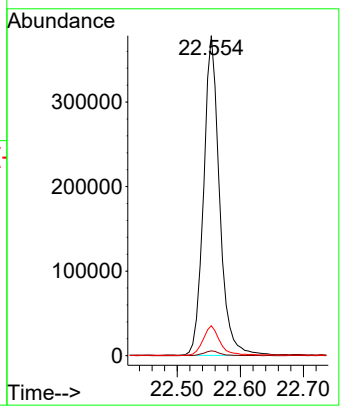


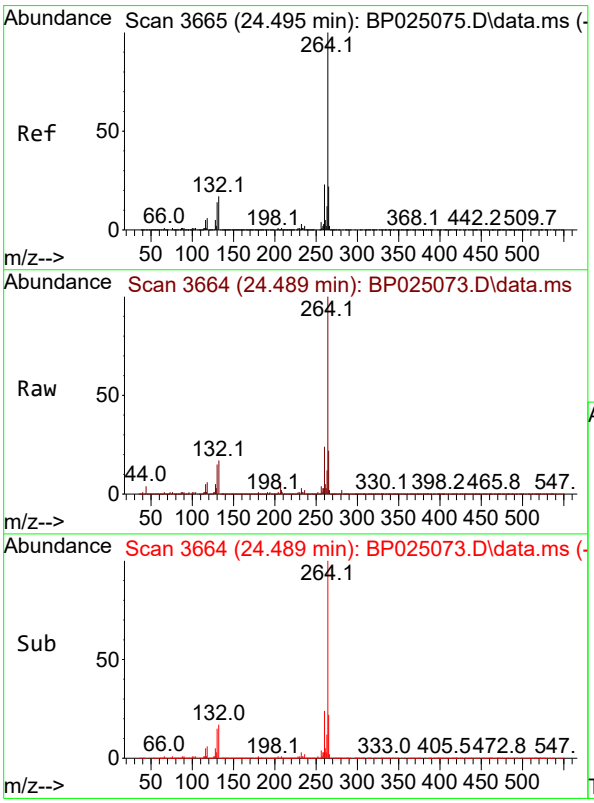
#85
Di-n-octyl phthalate
Concen: 10.561 ng
RT: 22.554 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 662011

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.9	6.9	10.3

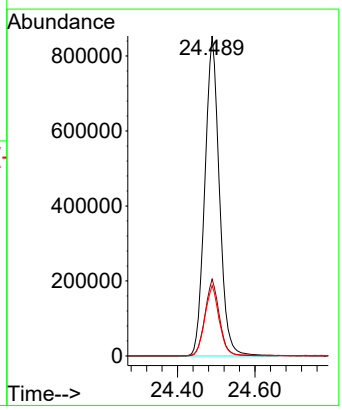


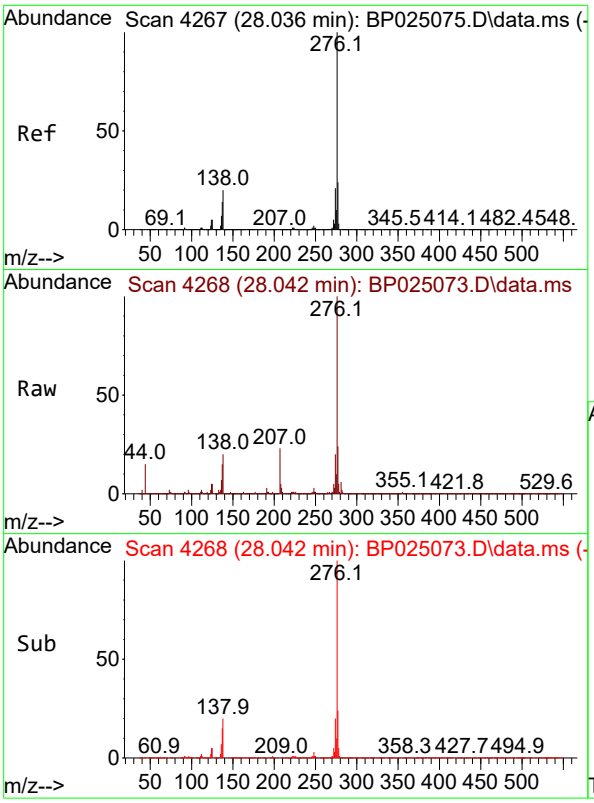


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.489 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:264 Resp: 2220570

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.0	17.7	26.5



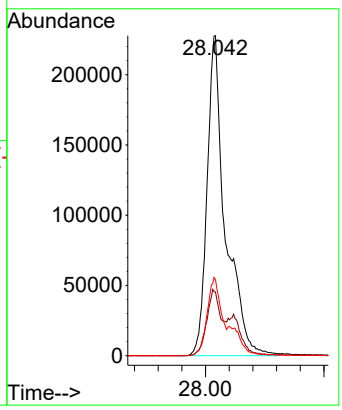


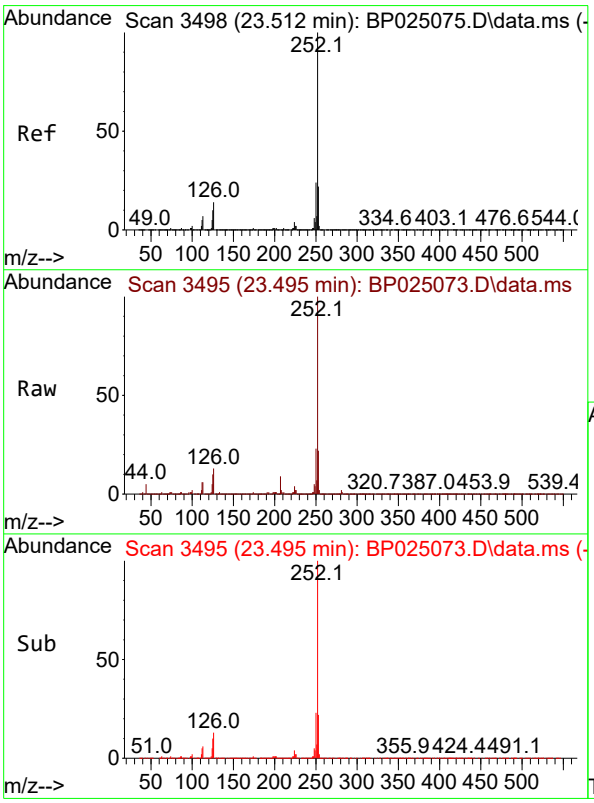
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.642 ng
RT: 28.042 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 1222863

Ion	Ratio	Lower	Upper
276	100		
138	15.3	13.0	19.6
277	18.8	15.9	23.9

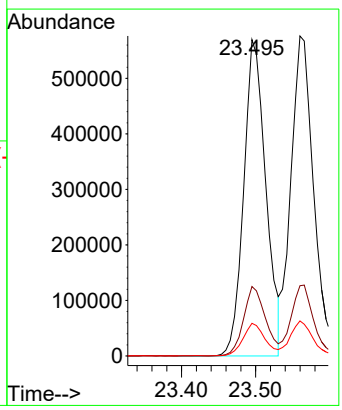


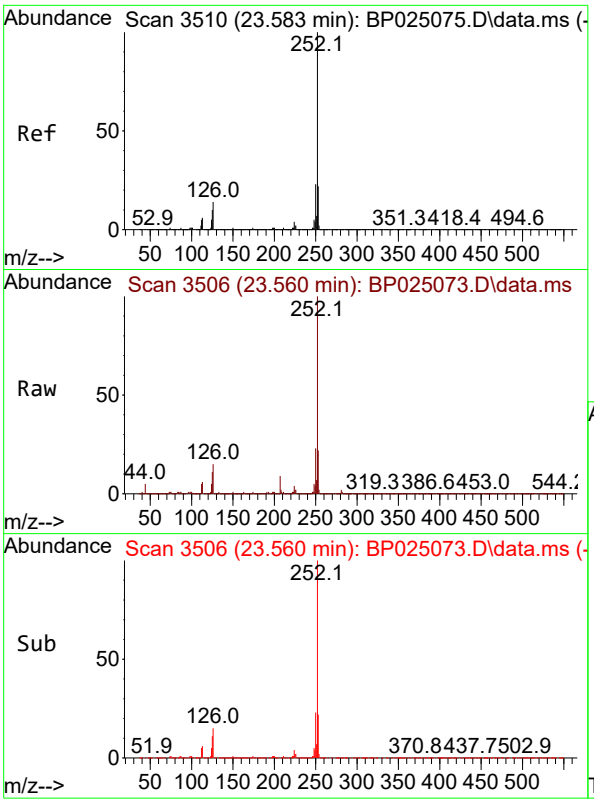


#88
Benzo(b)fluoranthene
Concen: 9.134 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.017 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 1180548

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.3	8.1	12.1



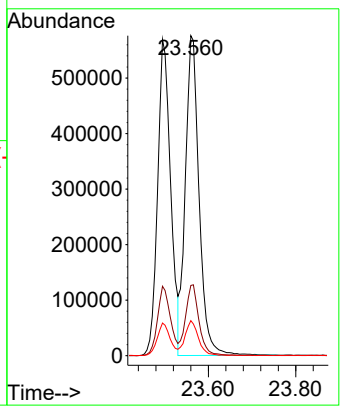


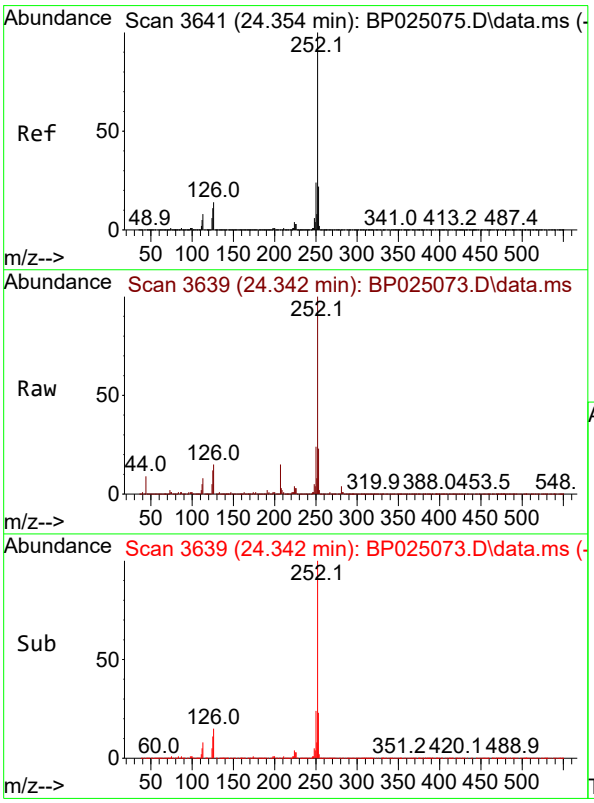
#89
Benzo(k)fluoranthene
Concen: 9.743 ng
RT: 23.560 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 1252989

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.0	8.2	12.2

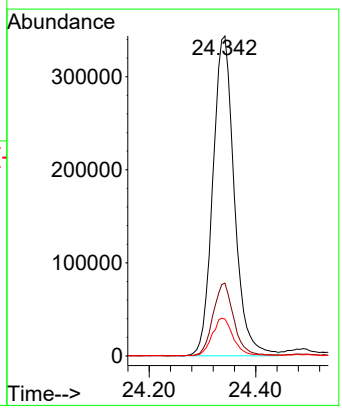


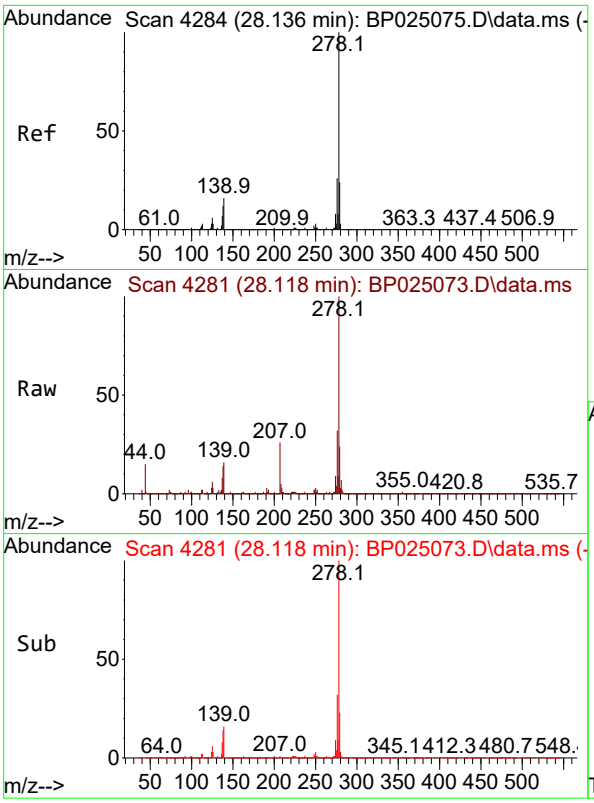


#90
Benzo(a)pyrene
Concen: 8.758 ng
RT: 24.342 min Scan# 3639
Delta R.T. -0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 963455

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.5	9.0	13.4



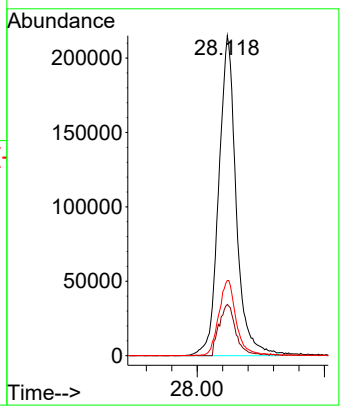


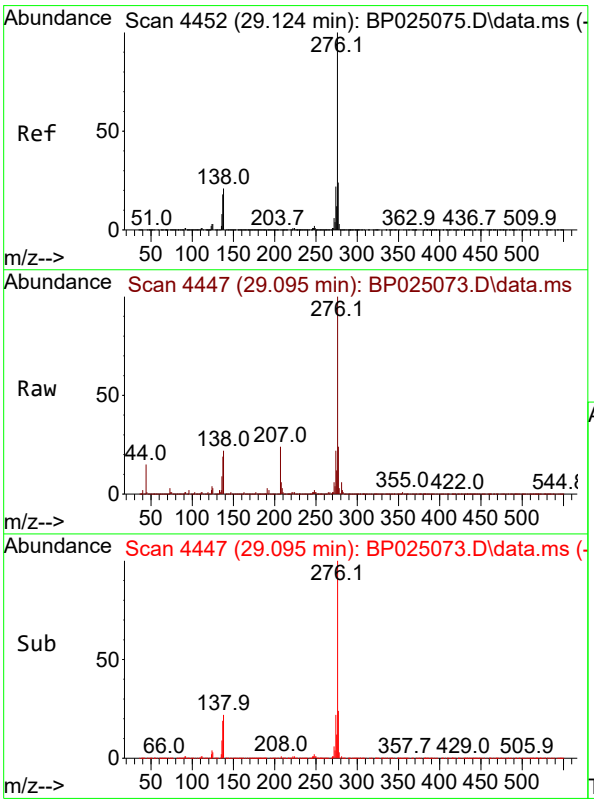
#91
Dibenzo(a,h)anthracene
Concen: 8.747 ng
RT: 28.118 min Scan# 4
Delta R.T. -0.017 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 1022797

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	23.5	18.9	28.3

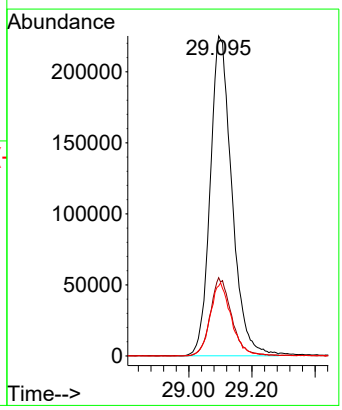




#92
Benzo(g,h,i)perylene
Concen: 8.886 ng
RT: 29.095 min Scan# 4447
Delta R.T. -0.029 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:276 Resp: 1073371

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	21.8	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	357536	20.000	ng		0.00
21) Naphthalene-d8	10.184	136	1460146	20.000	ng		0.00
39) Acenaphthene-d10	14.089	164	975973	20.000	ng		0.00
64) Phenanthrene-d10	16.913	188	1992018	20.000	ng		0.00
76) Chrysene-d12	21.348	240	2159758	20.000	ng		0.00
86) Perylene-d12	24.483	264	2243019	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	842975	41.776	ng		0.00
7) Phenol-d6	6.625	99	1087166	41.286	ng		0.00
23) Nitrobenzene-d5	8.566	82	918035	41.814	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	468488	40.634	ng		-0.01
45) 2-Fluorobiphenyl	12.690	172	2657285	42.179	ng		0.00
79) Terphenyl-d14	19.672	244	4224886	42.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	163489	20.836	ng		98
3) Pyridine	3.490	79	444402	20.702	ng		98
4) n-Nitrosodimethylamine	3.408	42	189864	20.874	ng	#	98
6) Aniline	6.784	93	511196	20.777	ng		99
8) 2-Chlorophenol	7.013	128	472043	20.908	ng		98
9) Benzaldehyde	6.596	77	319740	23.250	ng		99
10) Phenol	6.655	94	554695	20.731	ng		99
11) bis(2-Chloroethyl)ether	6.884	93	429103	20.838	ng		99
12) 1,3-Dichlorobenzene	7.331	146	531035	21.016	ng		99
13) 1,4-Dichlorobenzene	7.484	146	538001	21.030	ng		98
14) 1,2-Dichlorobenzene	7.784	146	516666	20.995	ng		100
15) Benzyl Alcohol	7.666	79	354316	20.160	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	561269	20.963	ng		99
17) 2-Methylphenol	7.878	107	359925	20.883	ng		99
18) Hexachloroethane	8.502	117	171635	20.594	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	335331	21.473	ng		97
20) 3+4-Methylphenols	8.202	107	494507	20.484	ng		99
22) Acetophenone	8.243	105	733244	21.234	ng		99
24) Nitrobenzene	8.613	77	465912	20.834	ng		98
25) Isophorone	9.131	82	857174	20.891	ng		100
26) 2-Nitrophenol	9.313	139	171063	17.980	ng		97
27) 2,4-Dimethylphenol	9.384	122	318872	20.834	ng		99
28) bis(2-Chloroethoxy)met...	9.619	93	585299	21.009	ng		99
29) 2,4-Dichlorophenol	9.837	162	435473	20.519	ng		99
30) 1,2,4-Trichlorobenzene	10.060	180	483959	20.592	ng		99
31) Naphthalene	10.237	128	1578374	20.993	ng		99
32) Benzoic acid	9.472	122	222091	18.881	ng		99
33) 4-Chloroaniline	10.348	127	583020	20.779	ng		98
34) Hexachlorobutadiene	10.537	225	275058	20.394	ng		99
35) Caprolactam	11.096	113	148067	20.394	ng		99
36) 4-Chloro-3-methylphenol	11.478	107	468989	21.146	ng		100
37) 2-Methylnaphthalene	11.866	142	1118020	21.075	ng		99
38) 1-Methylnaphthalene	12.090	142	1099060	21.243	ng		99
40) 1,2,4,5-Tetrachloroben...	12.243	216	570143	20.326	ng		100
41) Hexachlorocyclopentadiene	12.237	237	131777	17.986	ng		97
43) 2,4,6-Trichlorophenol	12.490	196	346793	20.418	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	395864	20.566	ng	99
46) 1,1'-Biphenyl	12.907	154	1473578	20.751	ng	99
47) 2-Chloronaphthalene	12.942	162	1113594	20.865	ng	99
48) 2-Nitroaniline	13.137	65	228962	19.268	ng	97
49) Acenaphthylene	13.795	152	1728416	21.159	ng	99
50) Dimethylphthalate	13.554	163	1434045	20.991	ng	100
51) 2,6-Dinitrotoluene	13.660	165	274371	20.592	ng	97
52) Acenaphthene	14.154	154	1114579m	21.170	ng	
53) 3-Nitroaniline	13.989	138	290162	20.320	ng	95
54) 2,4-Dinitrophenol	14.189	184	95858	19.115	ng	97
55) Dibenzofuran	14.501	168	1821290	20.961	ng	99
56) 4-Nitrophenol	14.307	139	253402	19.230	ng	97
57) 2,4-Dinitrotoluene	14.460	165	354786	19.783	ng	95
58) Fluorene	15.166	166	1431605	21.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.742	232	361259	20.726	ng	100
60) Diethylphthalate	14.960	149	1433207	20.887	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	692727	20.828	ng	99
62) 4-Nitroaniline	15.172	138	313433	20.933	ng	99
63) Azobenzene	15.472	77	1295934	21.209	ng	100
65) 4,6-Dinitro-2-methylph...	15.242	198	138316	19.064	ng	99
66) n-Nitrosodiphenylamine	15.395	169	1189868	20.872	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	425191	20.847	ng	95
68) Hexachlorobenzene	16.201	284	507935	20.375	ng	97
69) Atrazine	16.378	200	363960	21.787	ng	99
70) Pentachlorophenol	16.548	266	324553	19.277	ng	99
71) Phenanthrene	16.948	178	2198840	20.658	ng	100
72) Anthracene	17.042	178	2176257	21.311	ng	100
73) Carbazole	17.319	167	2105955	21.092	ng	99
74) Di-n-butylphthalate	17.960	149	2284685	20.548	ng	100
75) Fluoranthene	19.060	202	2649288	21.293	ng	100
77) Benzidine	19.260	184	764455	20.041	ng	100
78) Pyrene	19.436	202	2780845	20.788	ng	100
80) Butylbenzylphthalate	20.430	149	815246	18.287	ng	99
81) Benzo(a)anthracene	21.330	228	2791625	21.329	ng	99
82) 3,3'-Dichlorobenzidine	21.260	252	734695	18.647	ng	100
83) Chrysene	21.395	228	2642166	20.977	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	1396109	19.886	ng	99
85) Di-n-octyl phthalate	22.548	149	1892919	18.935	ng	98
87) Indeno(1,2,3-cd)pyrene	28.018	276	2955341	20.677	ng	97
88) Benzo(b)fluoranthene	23.495	252	2724905	20.872	ng	100
89) Benzo(k)fluoranthene	23.560	252	2800667	21.560	ng	99
90) Benzo(a)pyrene	24.330	252	2321462	20.892	ng	99
91) Dibenzo(a,h)anthracene	28.101	278	2461745	20.842	ng	99
92) Benzo(g,h,i)perylene	29.095	276	2525145	20.695	ng	99

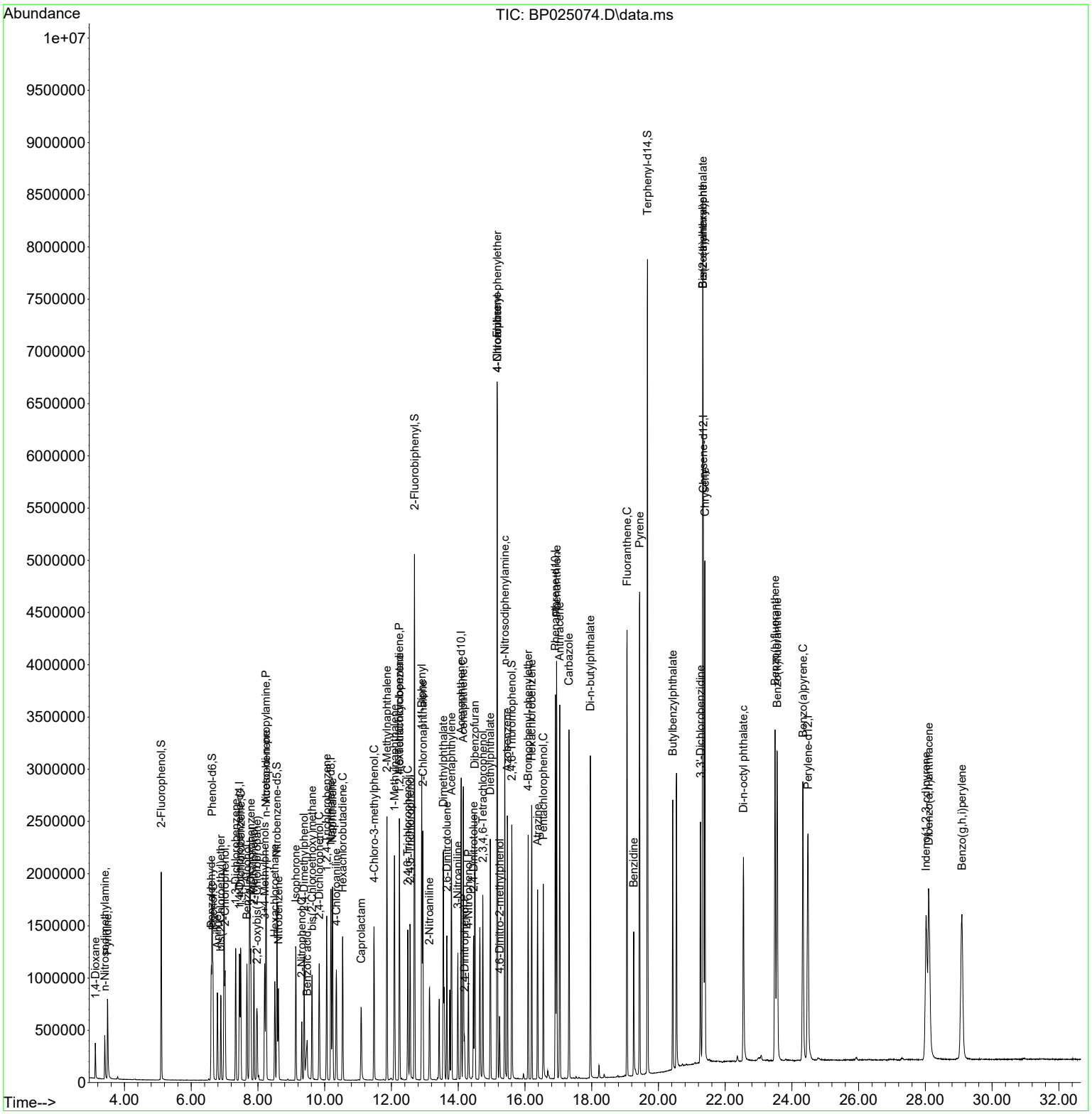
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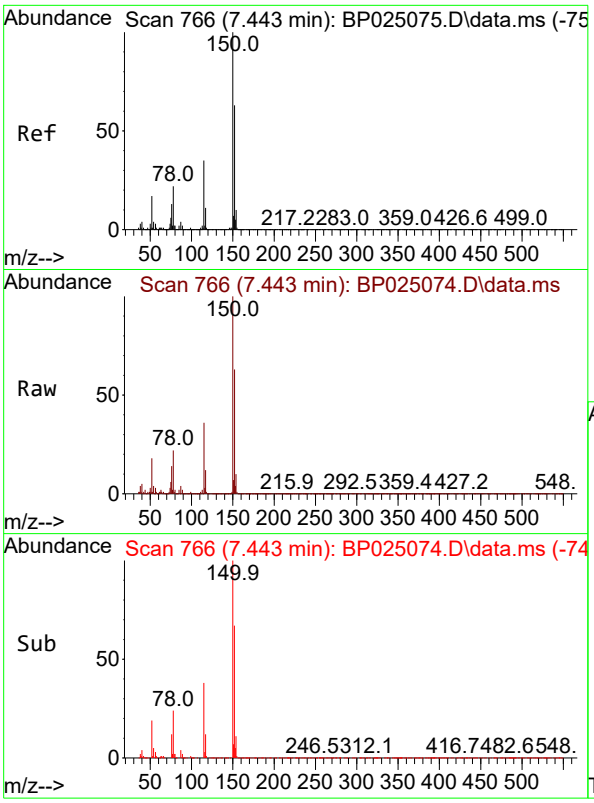
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



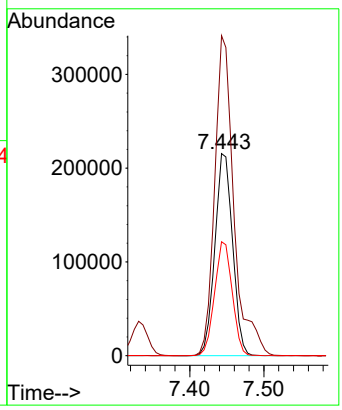


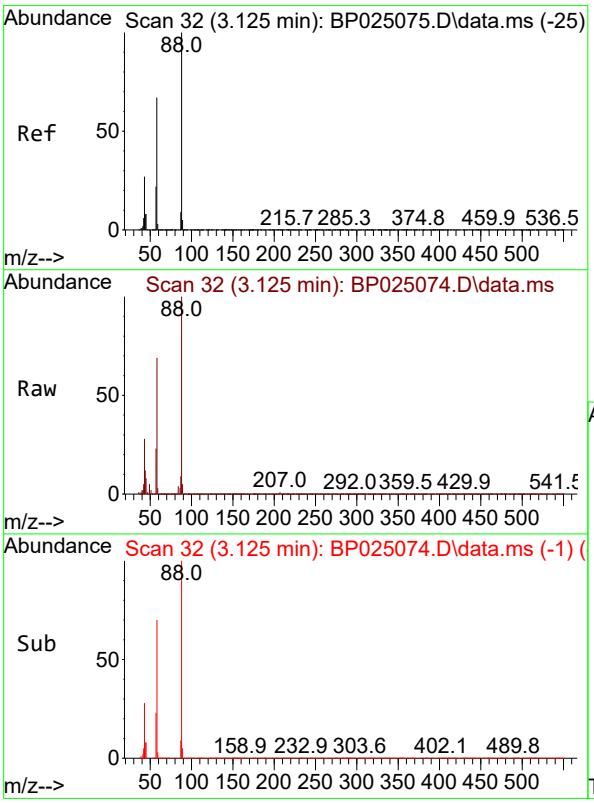
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 357536

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.1	189.1
115	56.4	44.3	66.5

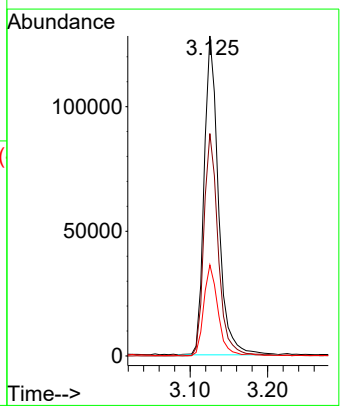


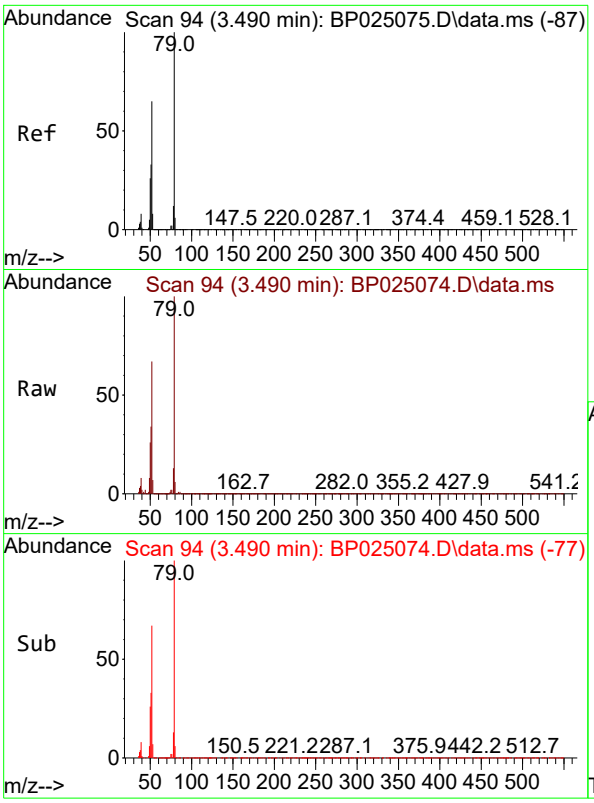


#2
1,4-Dioxane
Concen: 20.836 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 88 Resp: 163489

Ion	Ratio	Lower	Upper
88	100		
58	70.1	55.0	82.4
43	28.4	21.9	32.9



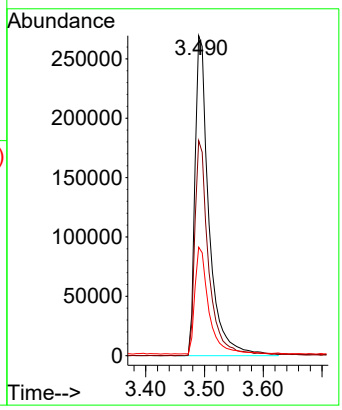


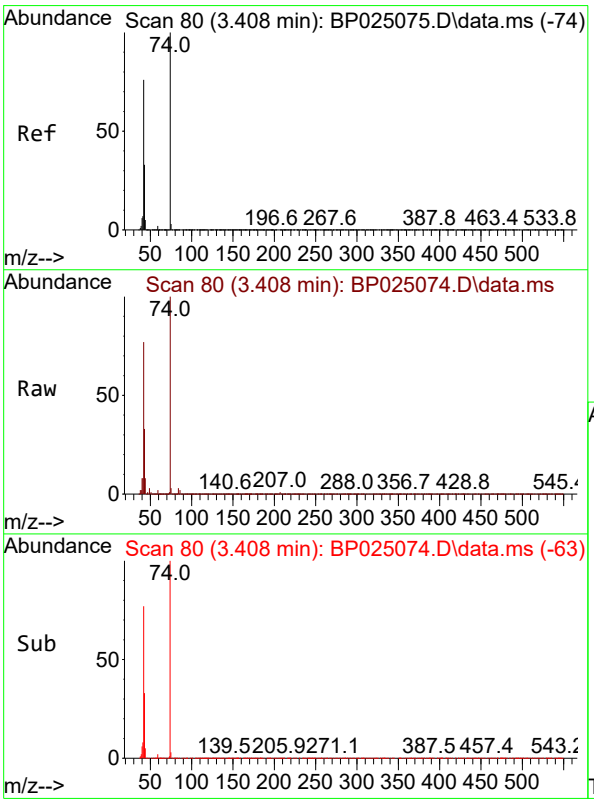
#3
Pyridine
Concen: 20.702 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 444402

Ion	Ratio	Lower	Upper
79	100		
52	67.2	52.2	78.4
51	33.9	26.8	40.2

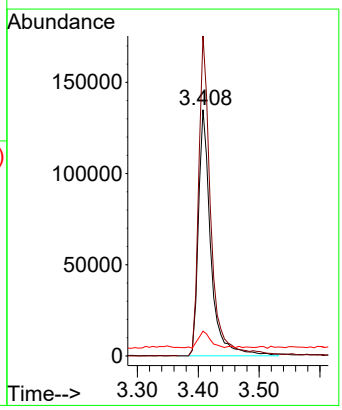


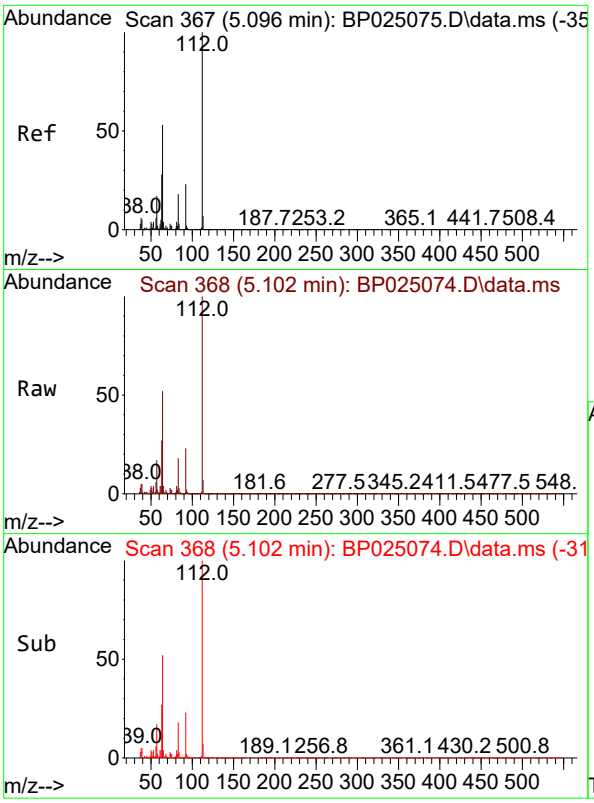


#4
n-Nitrosodimethylamine
Concen: 20.874 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 42 Resp: 189864

Ion	Ratio	Lower	Upper
42	100		
74	130.0	105.2	157.8
44	10.1	6.6	9.8#



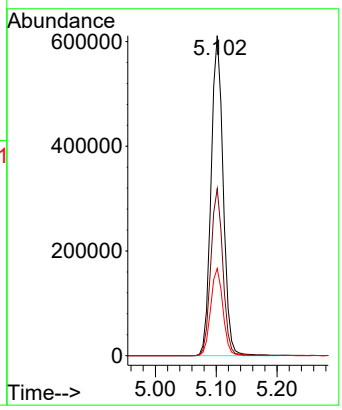


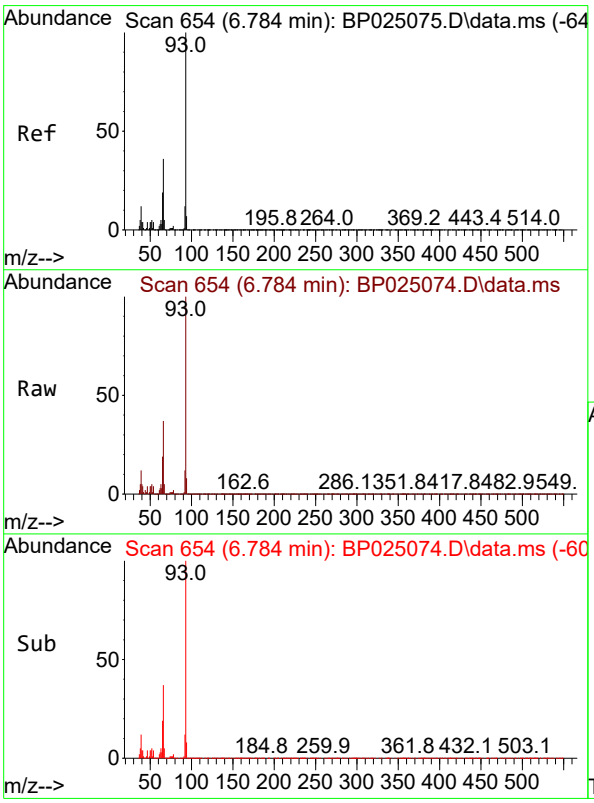
#5
2-Fluorophenol
Concen: 41.776 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 842975

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.0	63.0
63	27.3	22.2	33.2

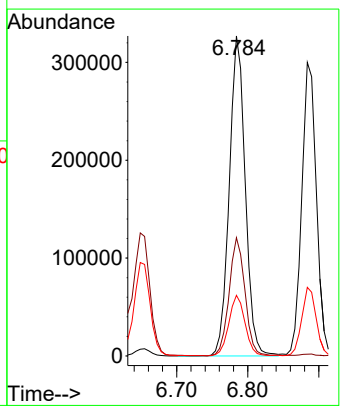


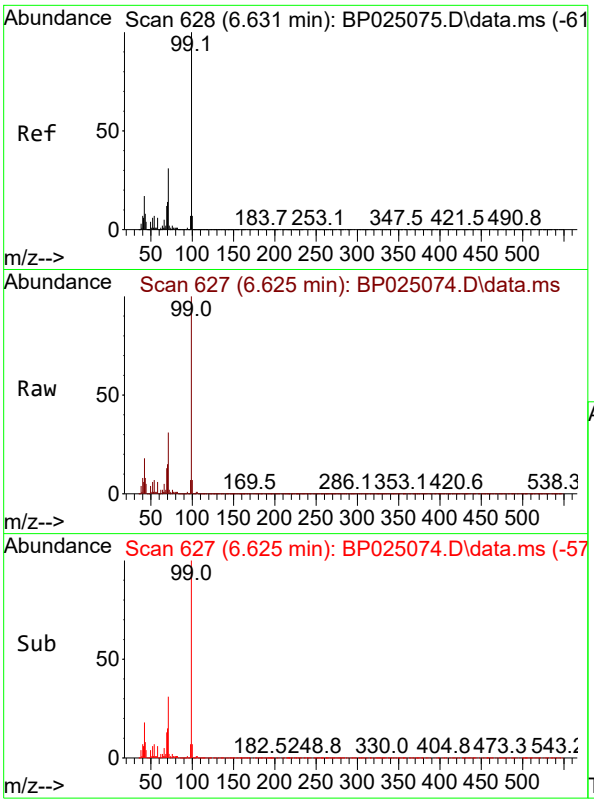


#6
Aniline
Concen: 20.777 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 93 Resp: 511196

Ion	Ratio	Lower	Upper
93	100		
66	37.0	28.9	43.3
65	18.9	15.2	22.8



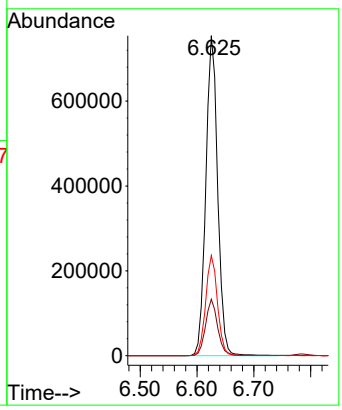


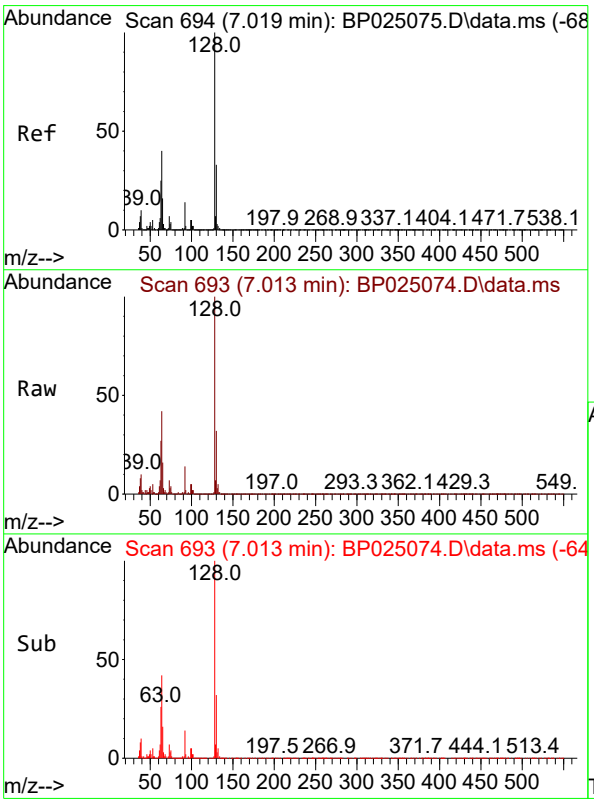
#7
Phenol-d6
Concen: 41.286 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 1087166

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.6	20.4
71	31.3	24.4	36.6

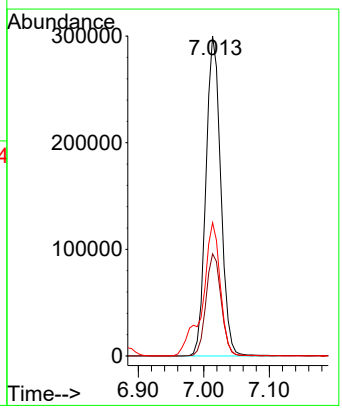


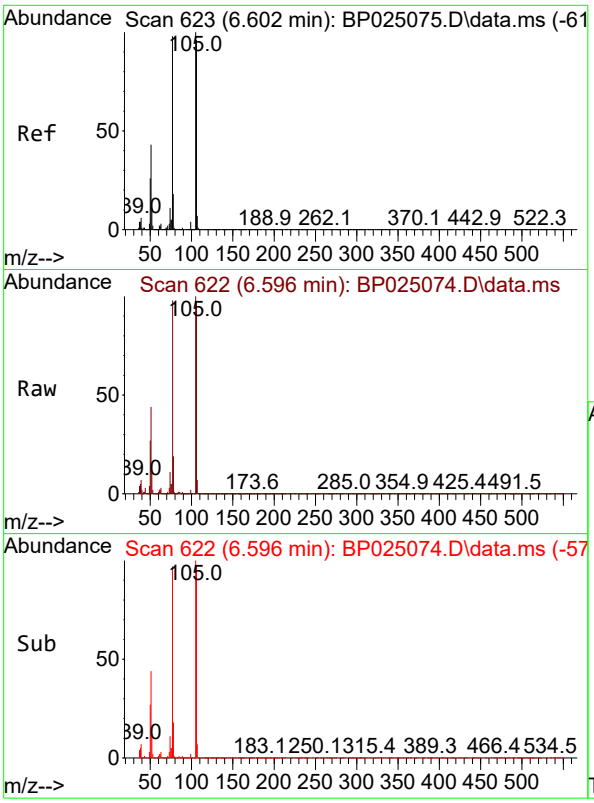


#8
2-Chlorophenol
Concen: 20.908 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:128 Resp: 472043

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	41.7	20.3	60.3



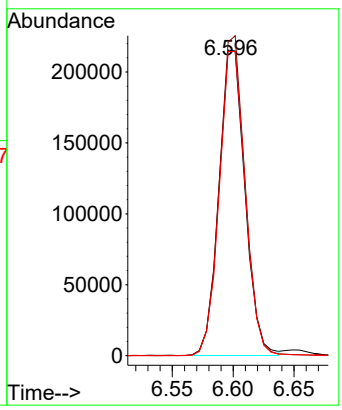


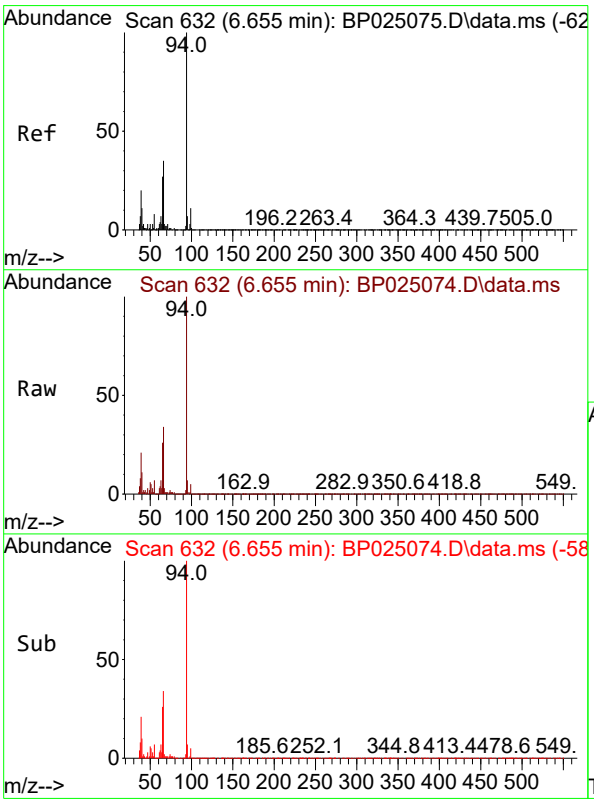
#9
Benzaldehyde
Concen: 23.250 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 319740

Ion	Ratio	Lower	Upper
77	100		
105	102.6	82.4	122.4
106	99.5	78.3	118.3

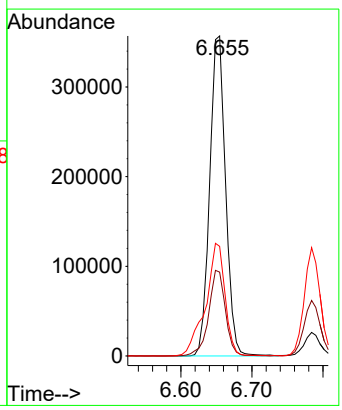


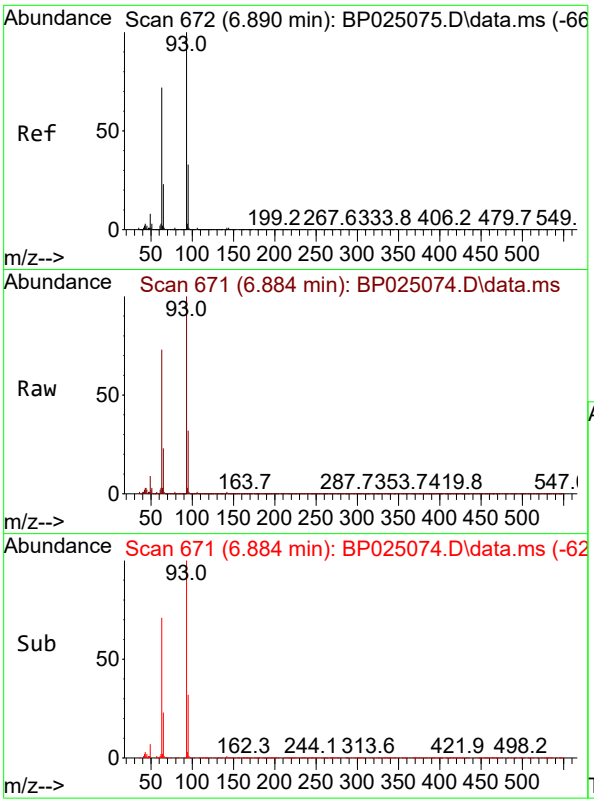


#10
Phenol
Concen: 20.731 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 94 Resp: 554695

Ion	Ratio	Lower	Upper
94	100		
65	26.2	6.9	46.9
66	34.3	14.6	54.6



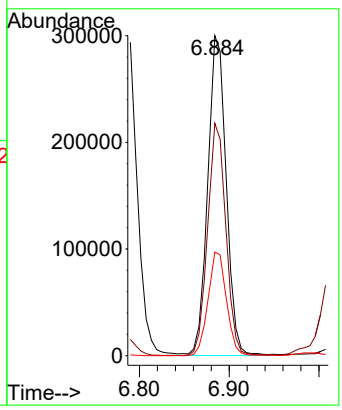


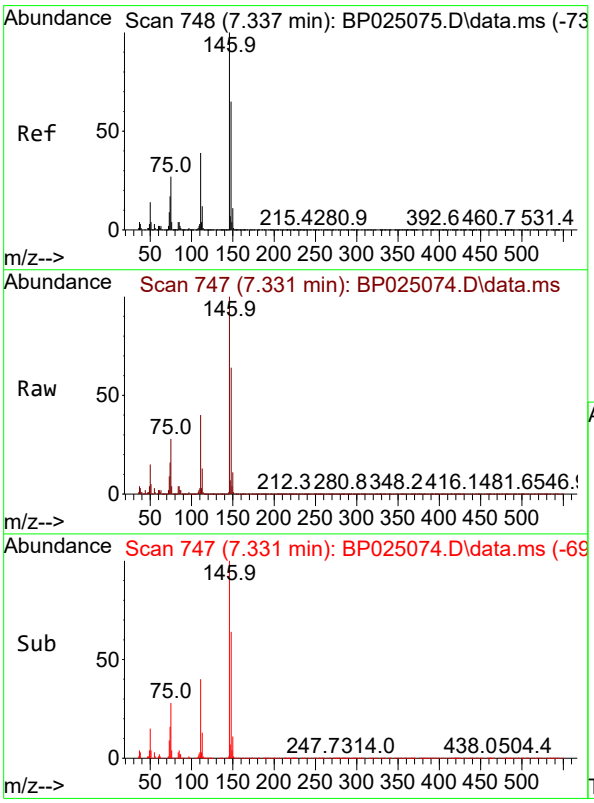
#11
bis(2-Chloroethyl)ether
Concen: 20.838 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 429103

Ion	Ratio	Lower	Upper
93	100		
63	72.6	51.9	91.9
95	32.4	12.4	52.4

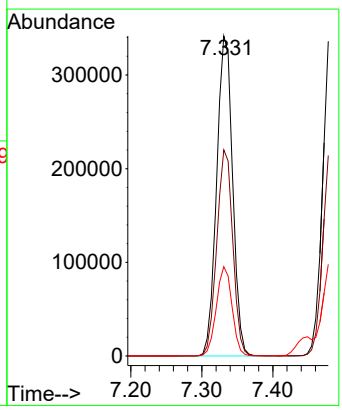


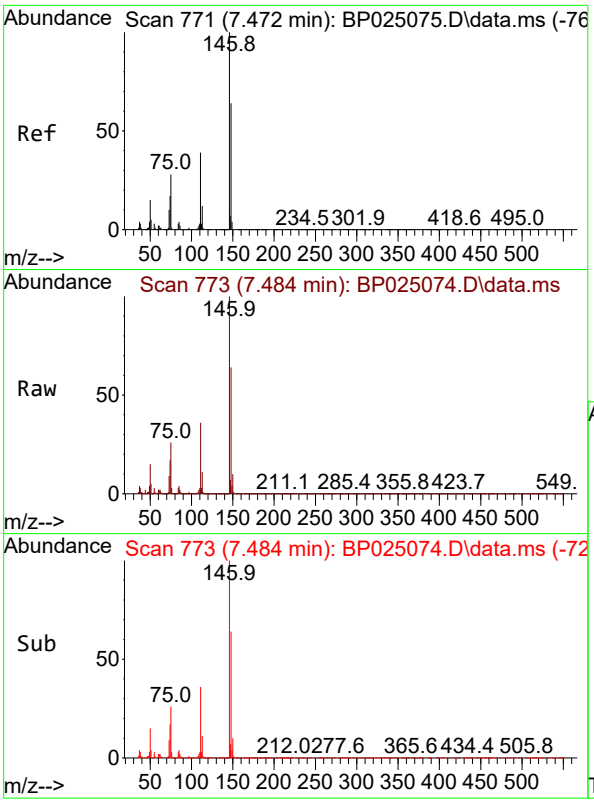


#12
1,3-Dichlorobenzene
Concen: 21.016 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:146 Resp: 531035

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	27.9	21.8	32.6



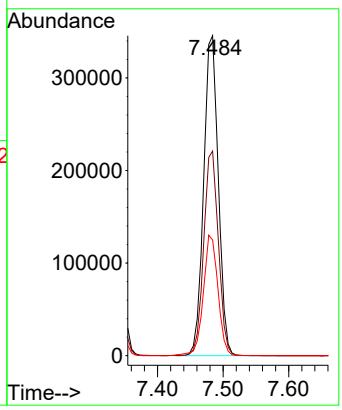


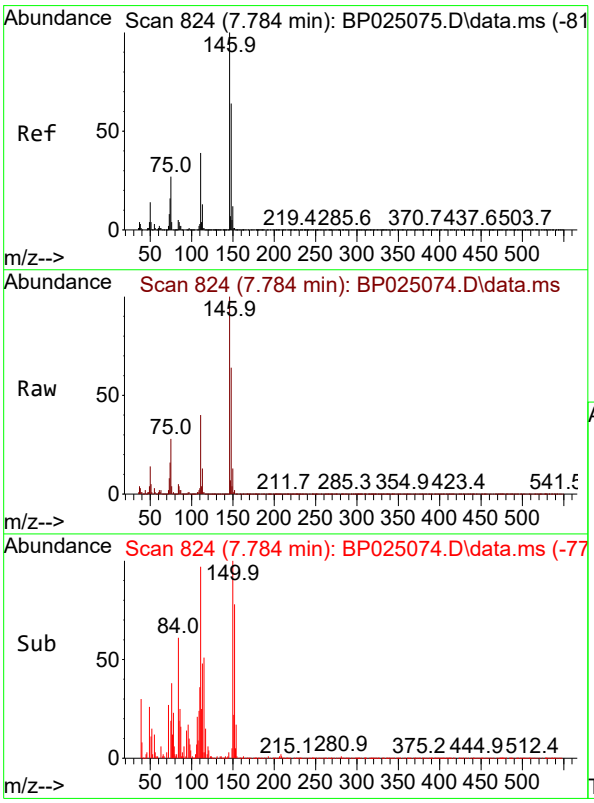
#13
1,4-Dichlorobenzene
Concen: 21.030 ng
RT: 7.484 min Scan# 7
Delta R.T. 0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 538001

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	36.2	31.2	46.8

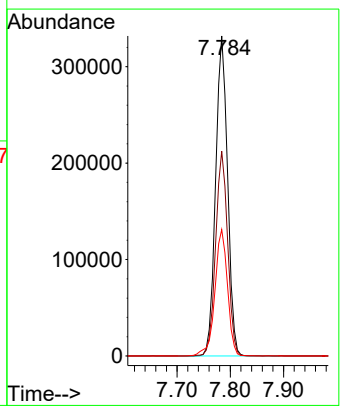


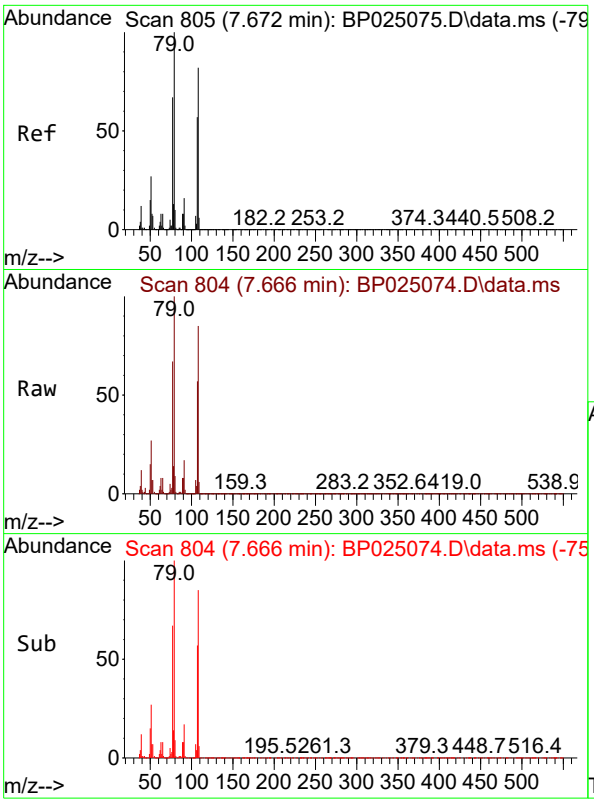


#14
1,2-Dichlorobenzene
Concen: 20.995 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:146 Resp: 516666

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	39.5	31.2	46.8



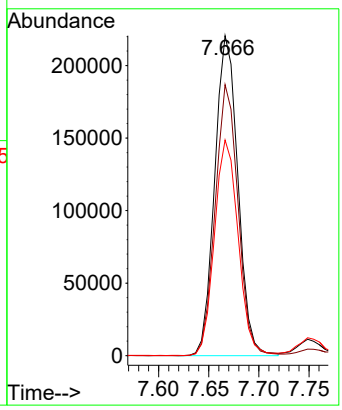


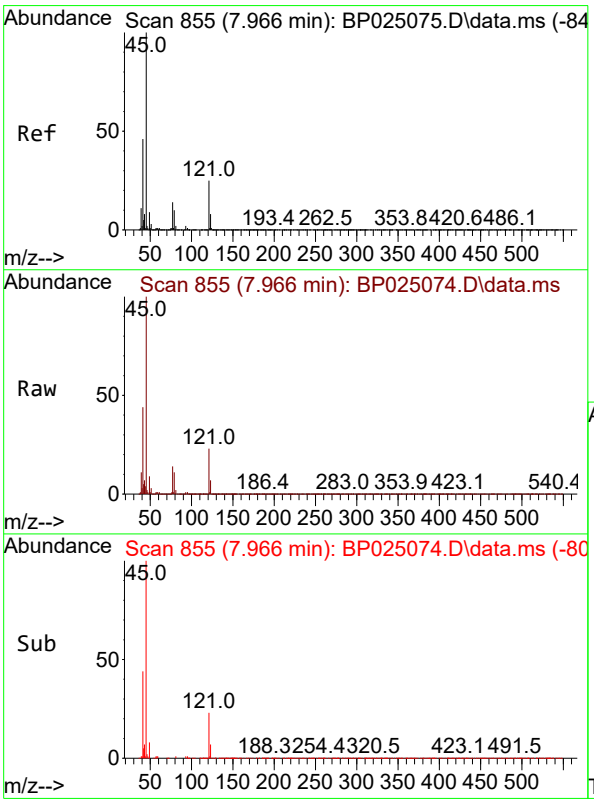
#15
Benzyl Alcohol
Concen: 20.160 ng
RT: 7.666 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 354316

Ion	Ratio	Lower	Upper
79	100		
108	84.7	66.0	99.0
77	67.4	53.4	80.2

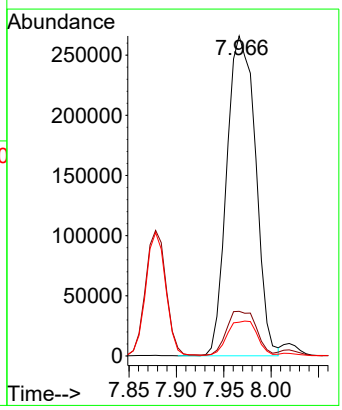


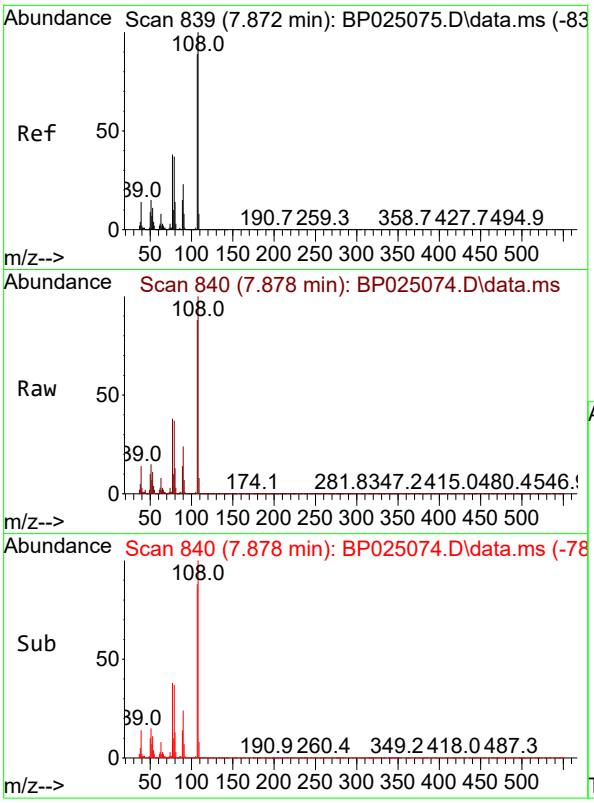


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.963 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 45 Resp: 561269

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	34.8
79	10.5	0.0	30.7



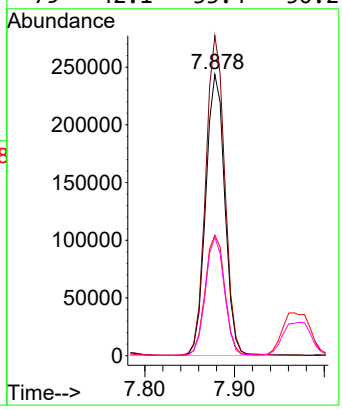


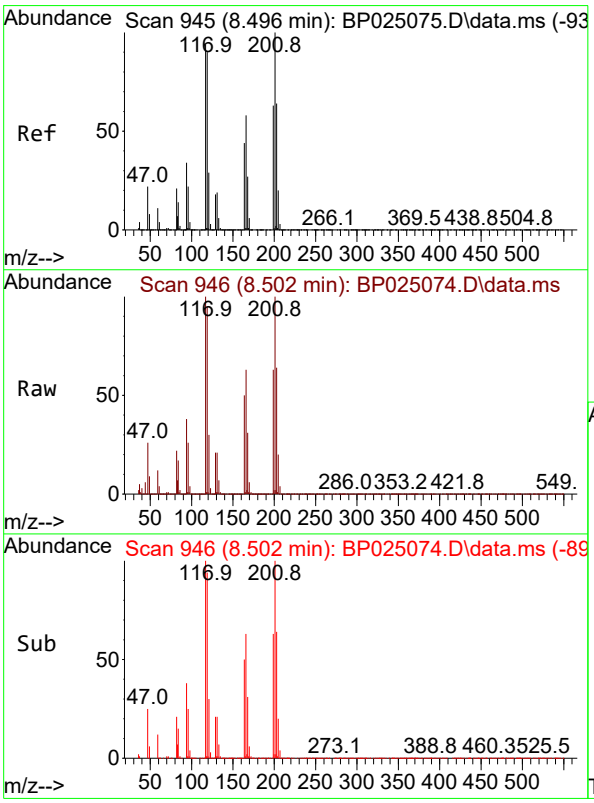
#17
2-Methylphenol
Concen: 20.883 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 359925

Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.7	134.5
77	42.8	34.2	51.4
79	42.1	33.4	50.2

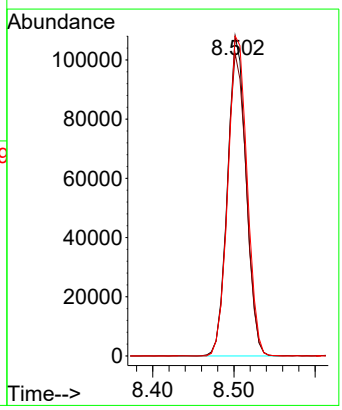


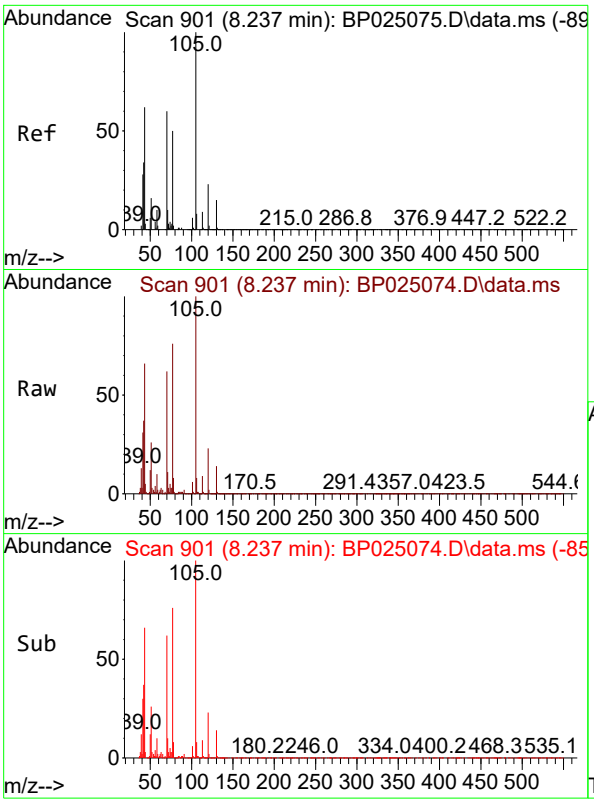


#18
Hexachloroethane
Concen: 20.594 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:117 Resp: 171635

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
201	100.0	85.4	128.2



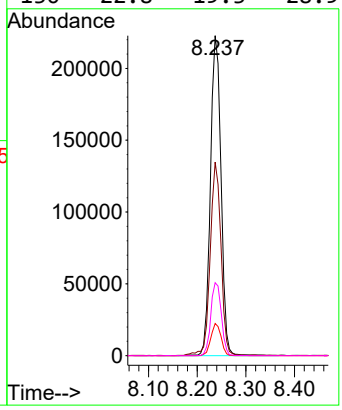


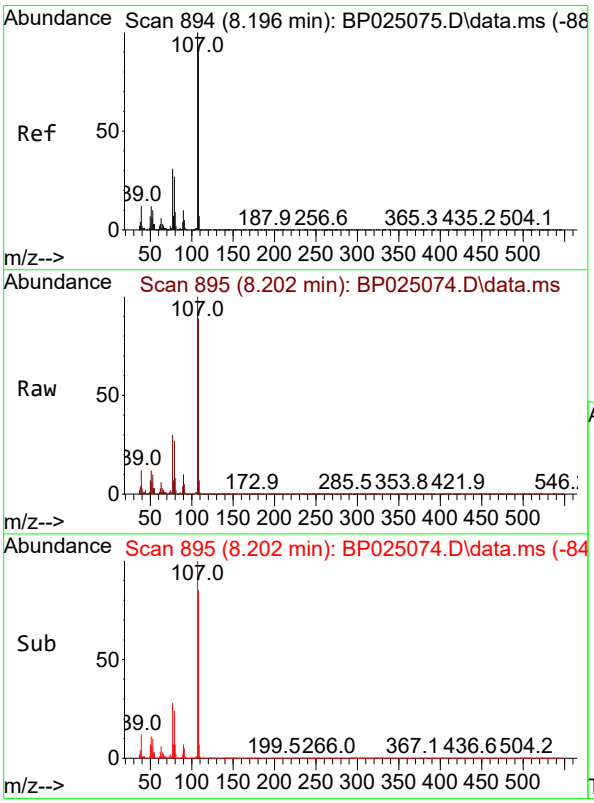
#19
n-Nitroso-di-n-propylamine
Concen: 21.473 ng
RT: 8.237 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 335331

Ion	Ratio	Lower	Upper
70	100		
42	60.5	46.5	69.7
101	10.1	7.9	11.9
130	22.8	19.3	28.9

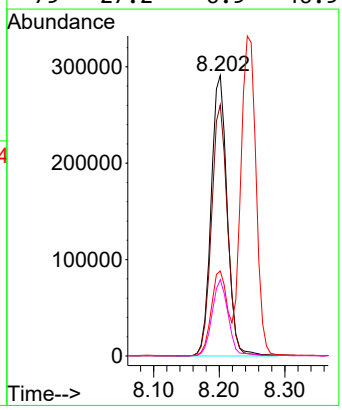


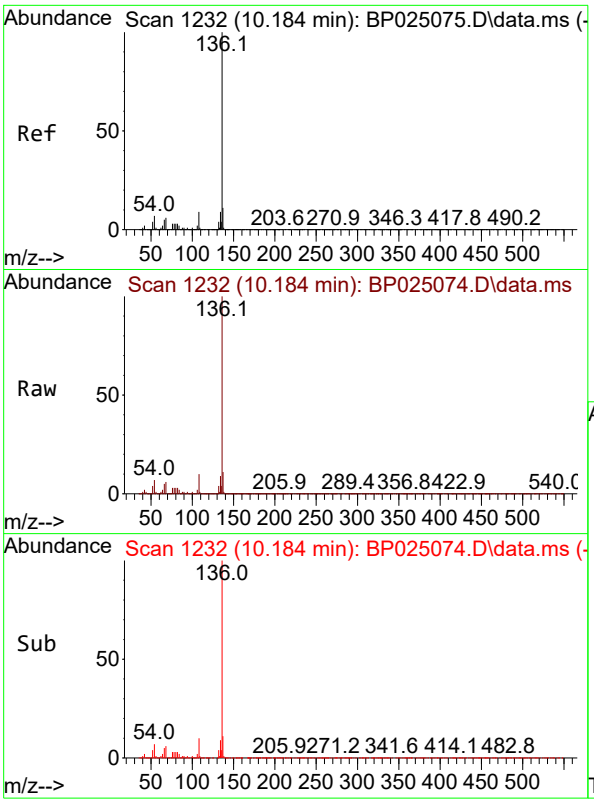


#20
3+4-Methylphenols
Concen: 20.484 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:107 Resp: 494507

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.5	109.5
77	30.3	11.4	51.4
79	27.2	6.9	46.9



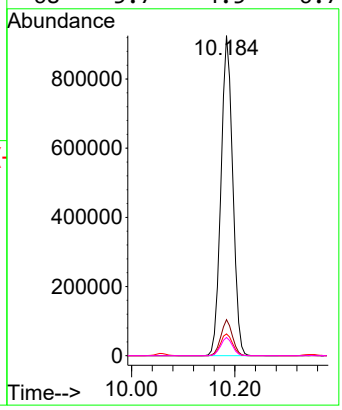


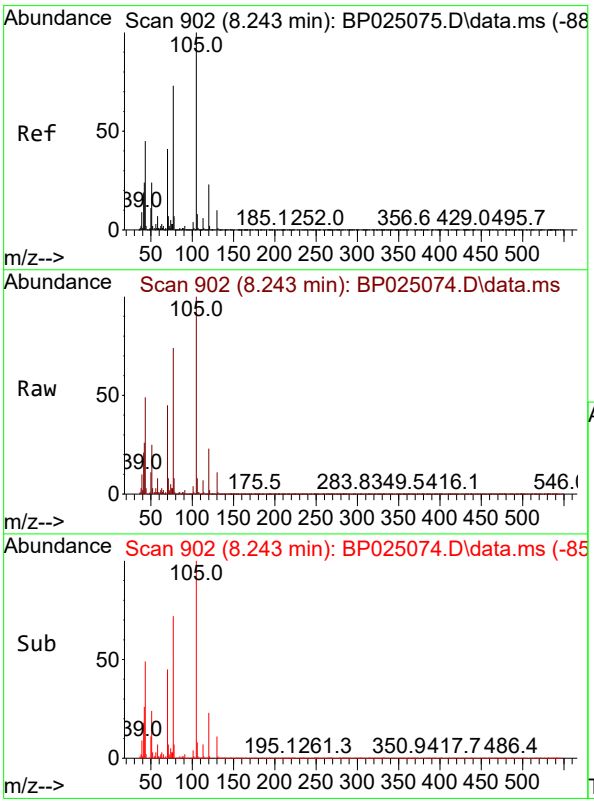
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 1460146

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.8	5.4	8.2
68	5.7	4.5	6.7

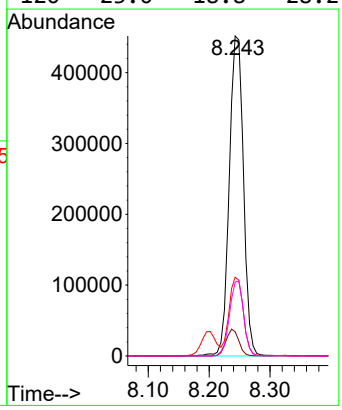


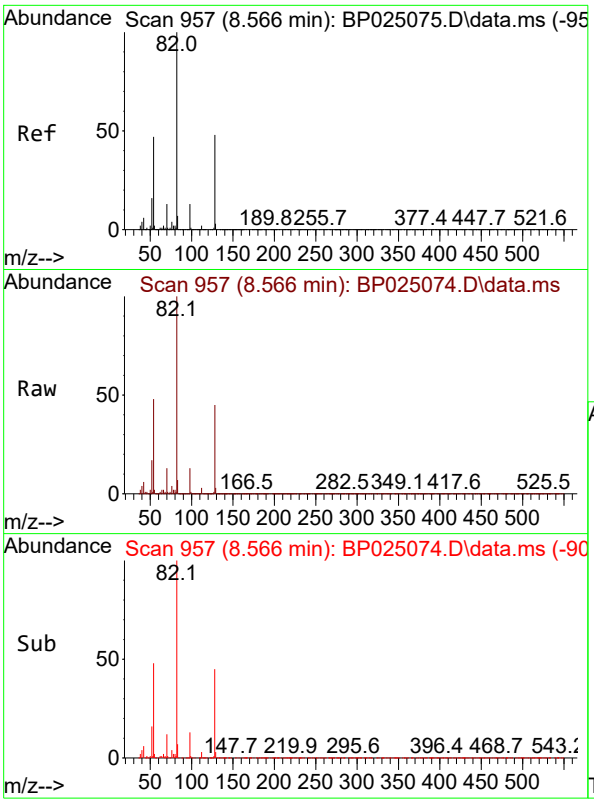


#22
Acetophenone
Concen: 21.234 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:105 Resp: 733244

Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.4	8.2
51	24.6	19.6	29.4
120	23.0	18.8	28.2



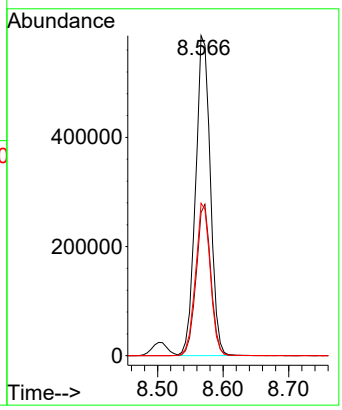


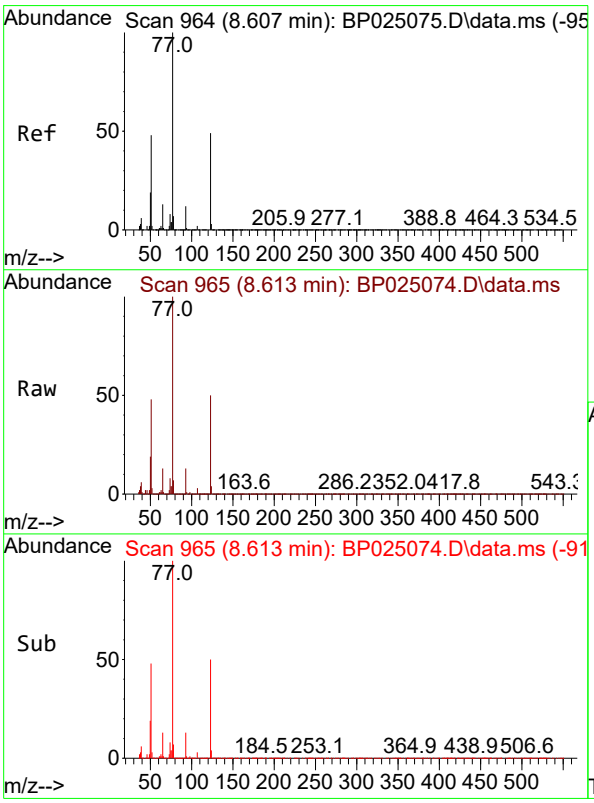
#23
Nitrobenzene-d5
Concen: 41.814 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 918035

Ion	Ratio	Lower	Upper
82	100		
128	44.8	38.4	57.6
54	47.7	37.8	56.6

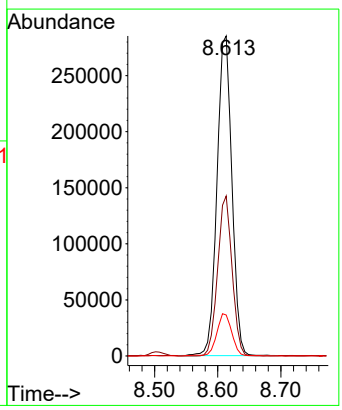


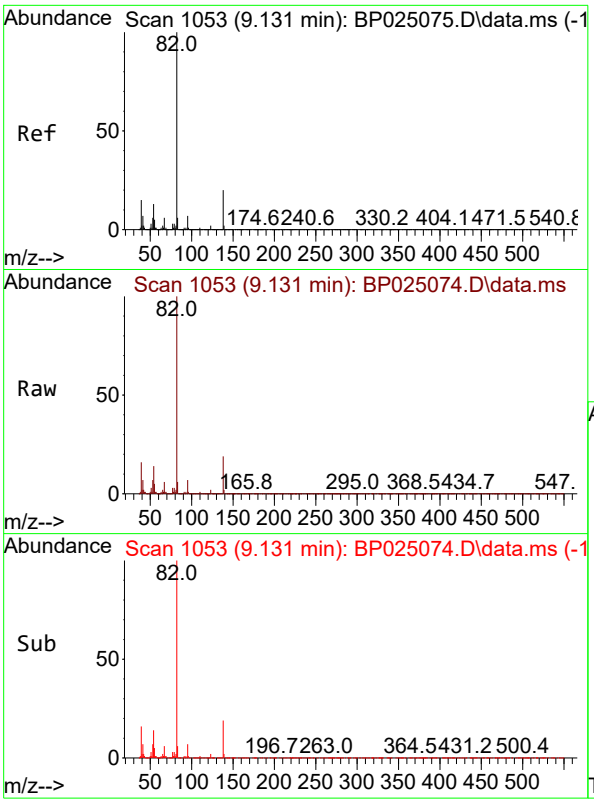


#24
Nitrobenzene
Concen: 20.834 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 77 Resp: 465912

Ion	Ratio	Lower	Upper
77	100		
123	50.0	39.0	58.6
65	12.8	10.7	16.1



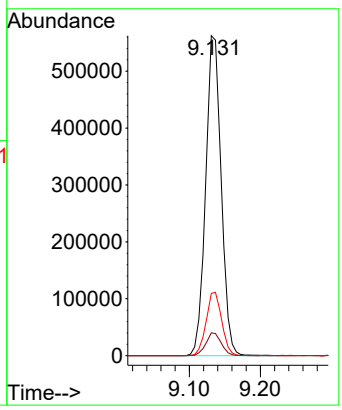


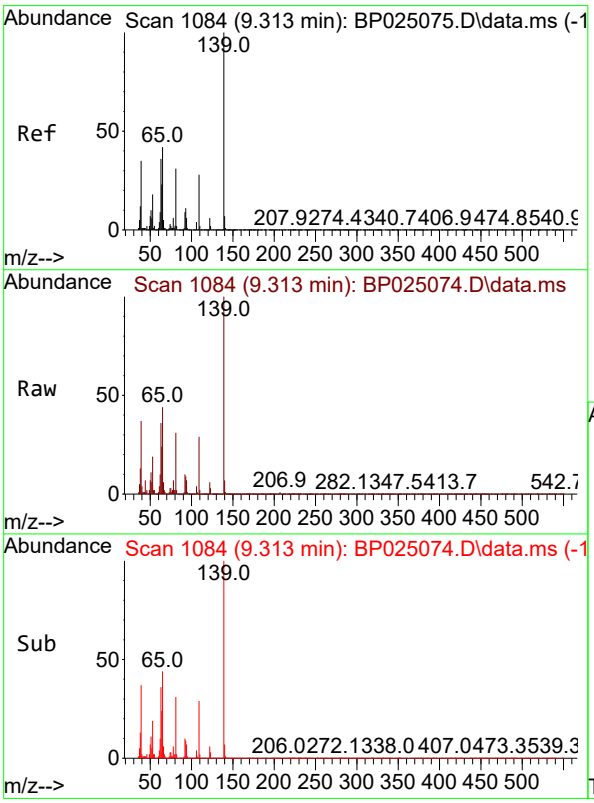
#25
Isophorone
Concen: 20.891 ng
RT: 9.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 857174

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	19.5	15.7	23.5

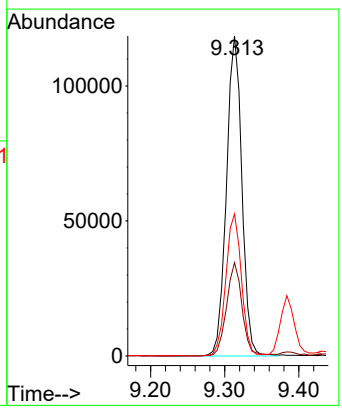


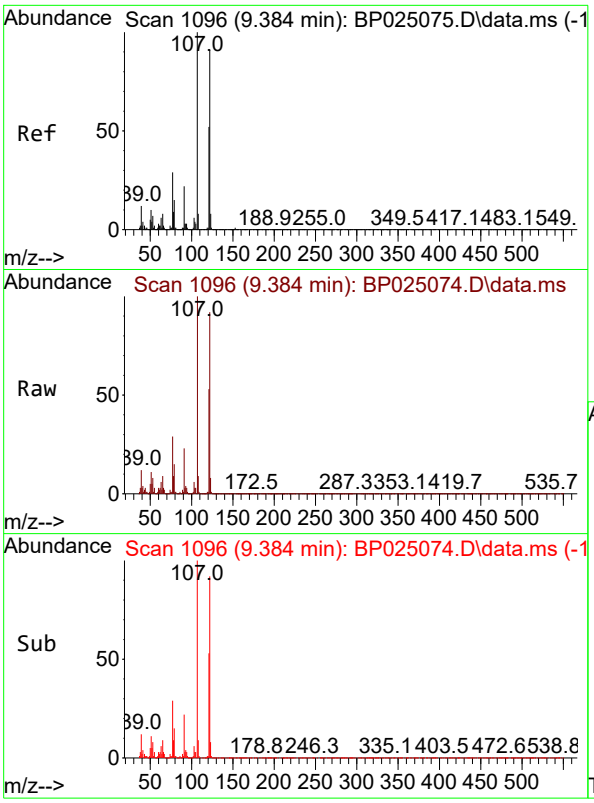


#26
2-Nitrophenol
Concen: 17.980 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:139 Resp: 171063

Ion	Ratio	Lower	Upper
139	100		
109	29.1	22.3	33.5
65	44.4	33.8	50.8



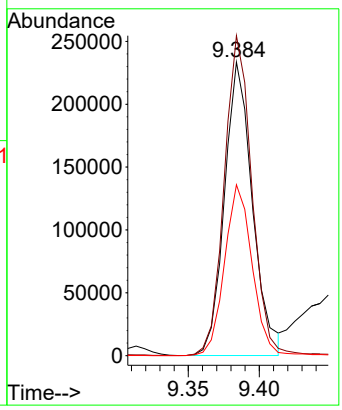


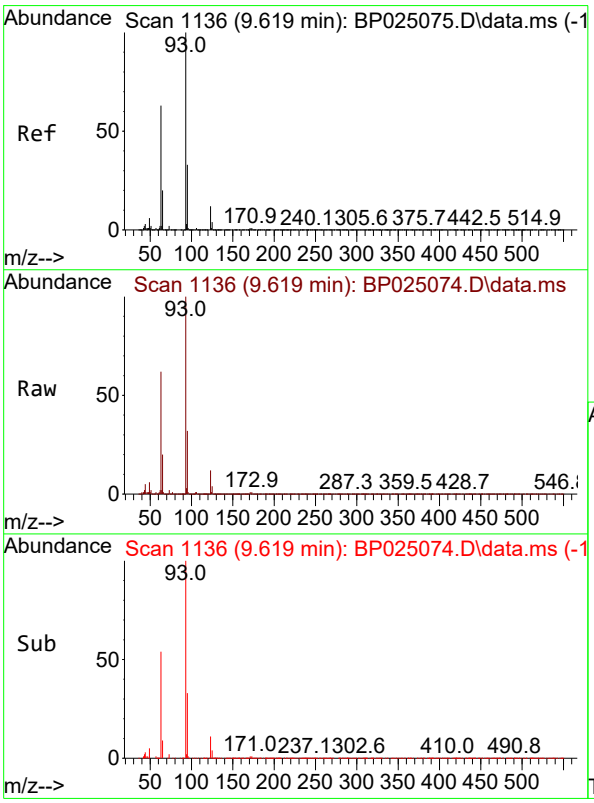
#27
2,4-Dimethylphenol
Concen: 20.834 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 318872

Ion	Ratio	Lower	Upper
122	100		
107	109.0	88.2	132.2
121	58.2	46.1	69.1

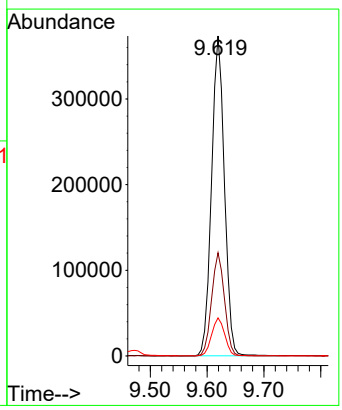


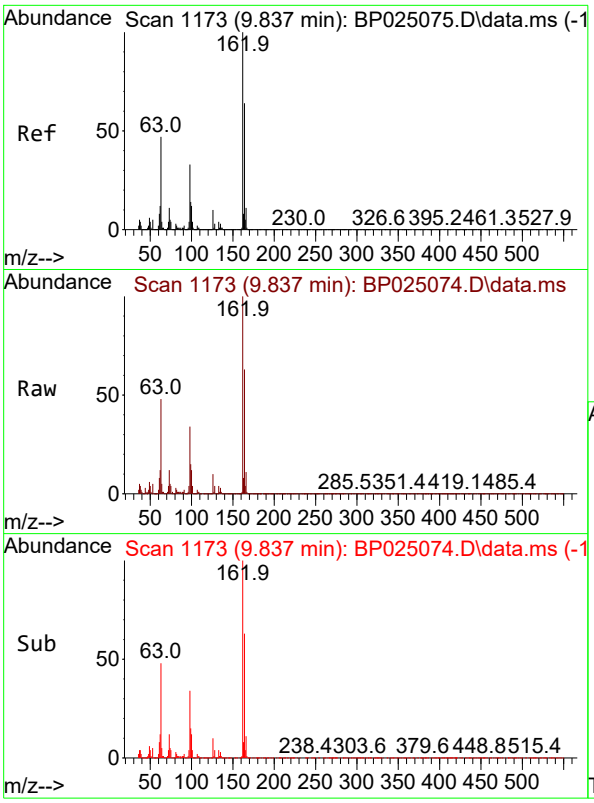


#28
bis(2-Chloroethoxy)methane
Concen: 21.009 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 93 Resp: 585299

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.9	10.1	15.1



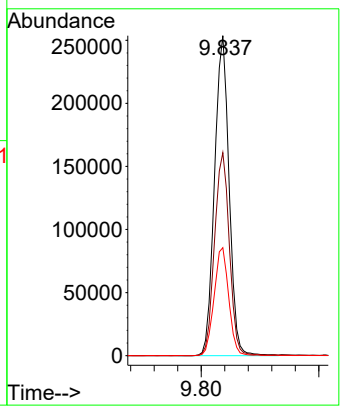


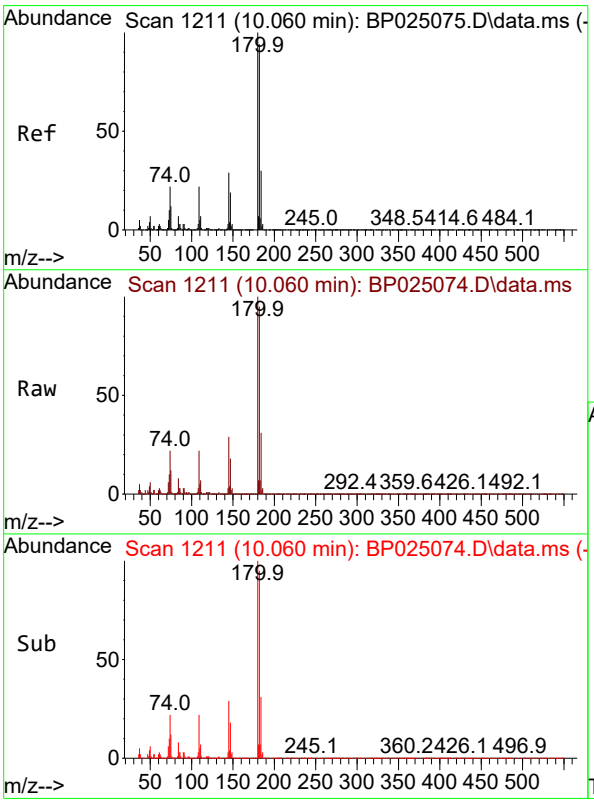
#29
2,4-Dichlorophenol
Concen: 20.519 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 435473

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	33.7	13.1	53.1

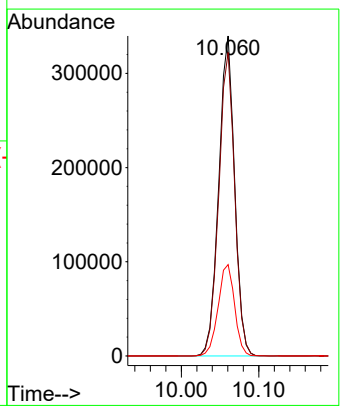


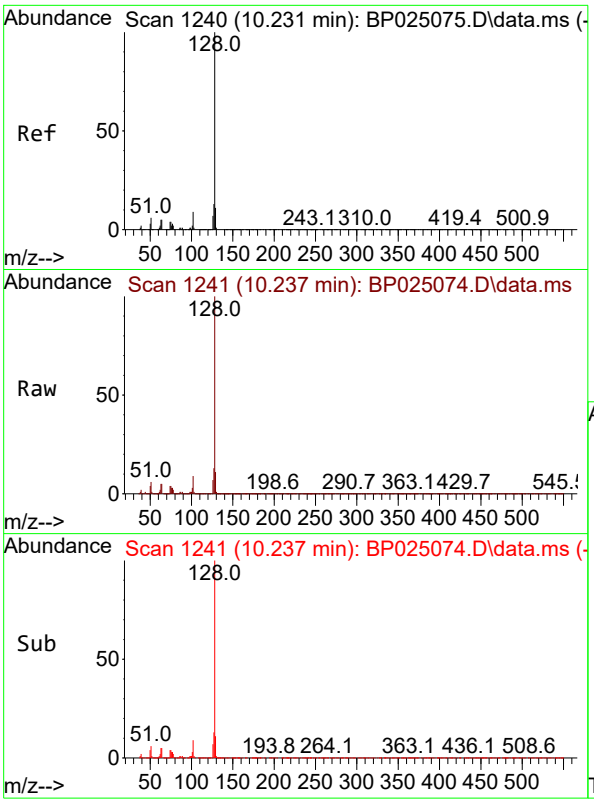


#30
1,2,4-Trichlorobenzene
Concen: 20.592 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:180 Resp: 483959

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.1	112.7
145	28.5	23.3	34.9



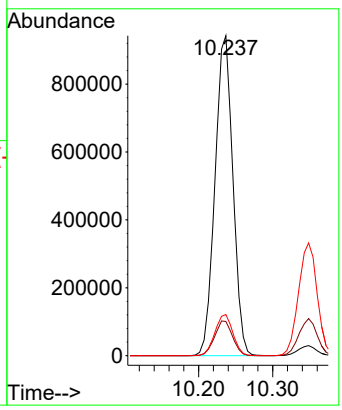


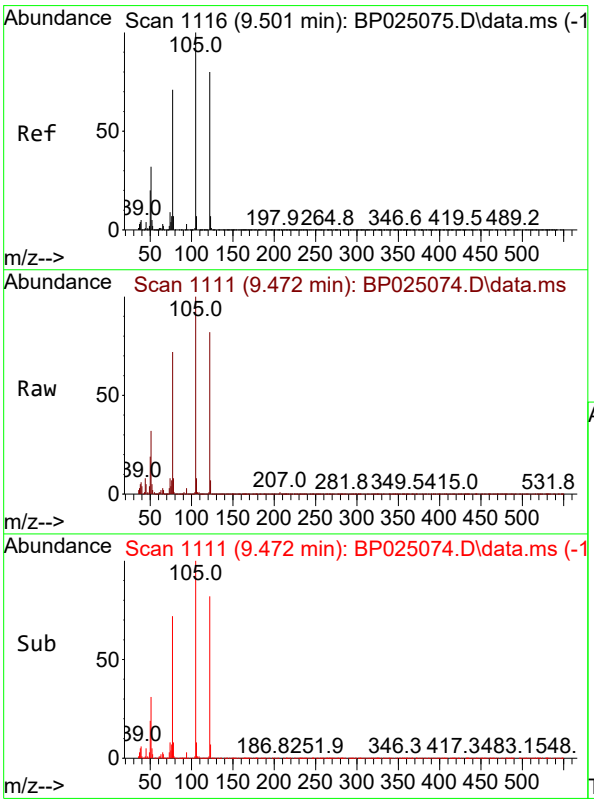
#31
Naphthalene
Concen: 20.993 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 1578374

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	12.9	10.4	15.6

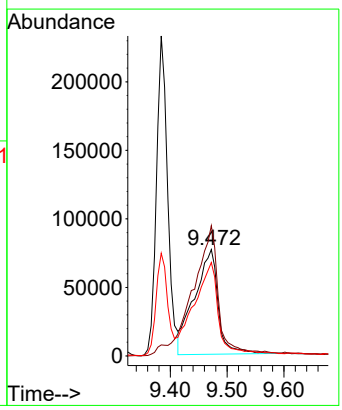


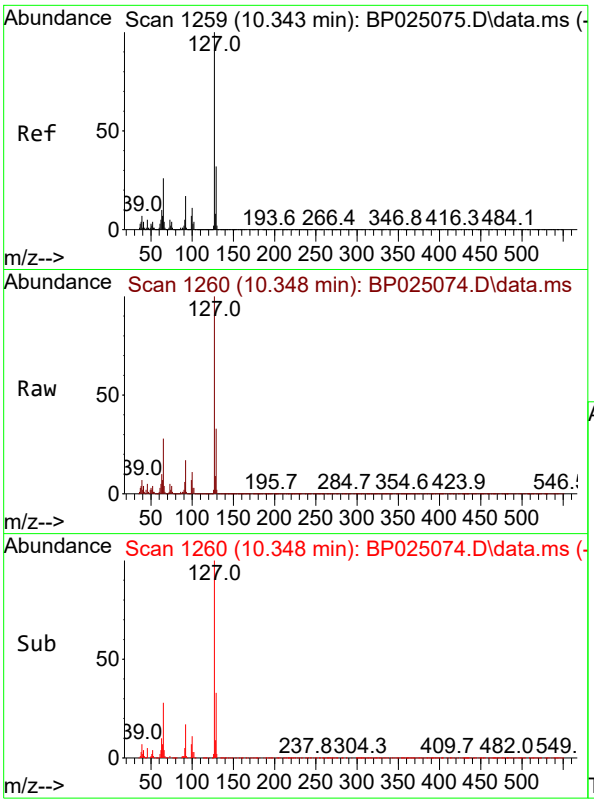


#32
Benzoic acid
Concen: 18.881 ng
RT: 9.472 min Scan# 1111
Delta R.T. -0.029 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:122 Resp: 222091

Ion	Ratio	Lower	Upper
122	100		
105	122.3	101.0	141.0
77	87.8	67.6	107.6



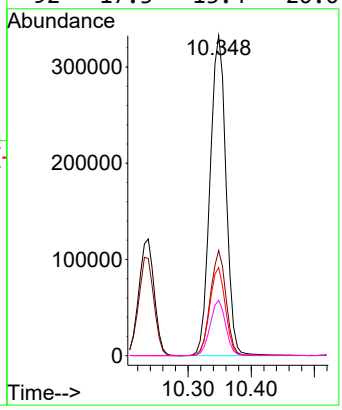


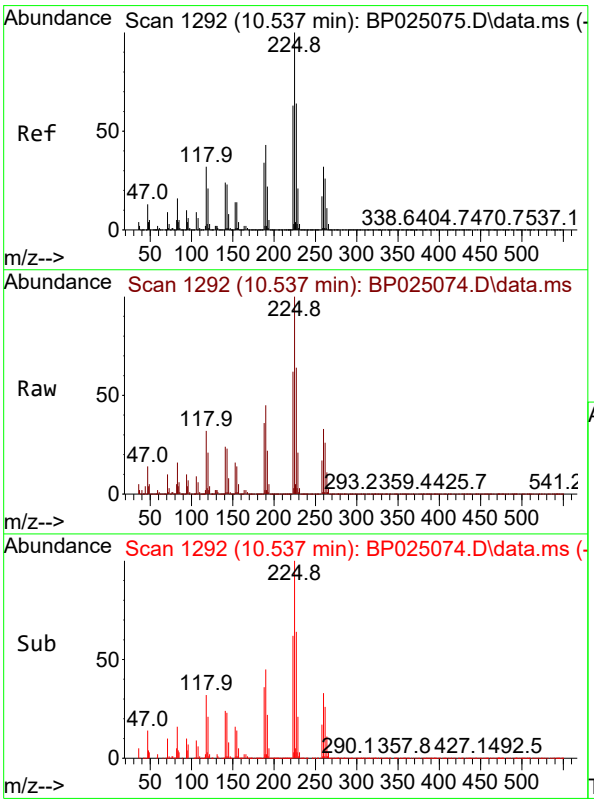
#33
4-Chloroaniline
Concen: 20.779 ng
RT: 10.348 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 583020

Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.2
65	27.6	21.0	31.6
92	17.3	13.4	20.0

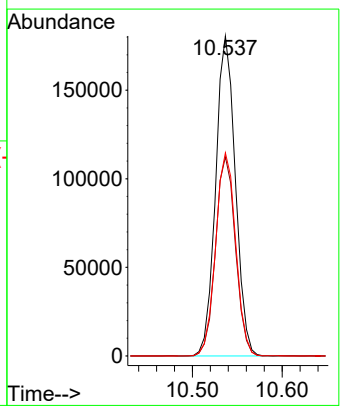


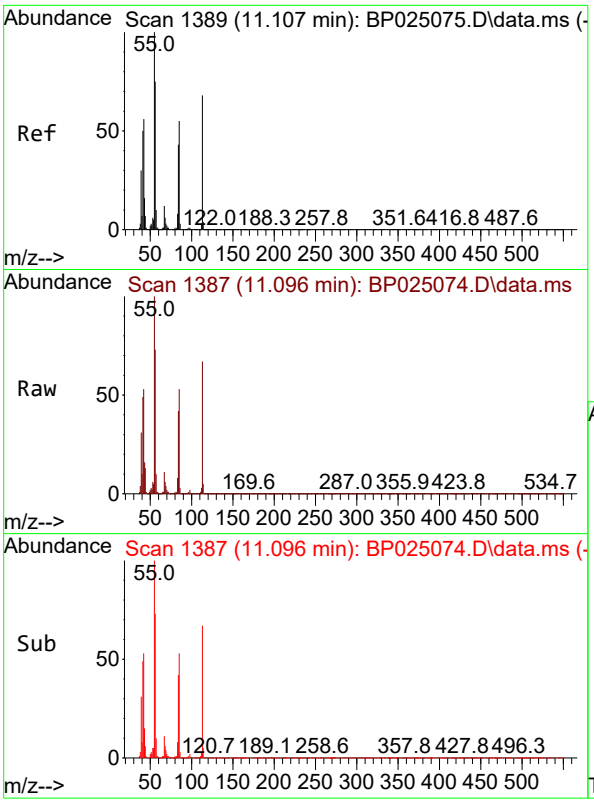


#34
Hexachlorobutadiene
Concen: 20.394 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:225 Resp: 275058

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	63.5	51.3	76.9



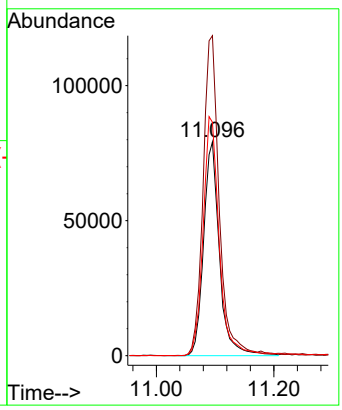


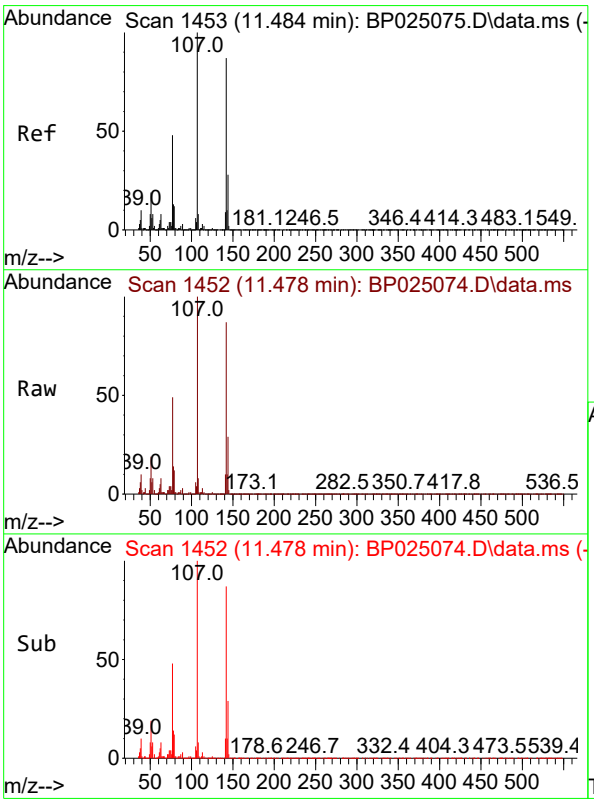
#35
Caprolactam
Concen: 20.394 ng
RT: 11.096 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 148067

Ion	Ratio	Lower	Upper
113	100		
55	149.7	128.1	168.1
56	109.2	90.7	130.7

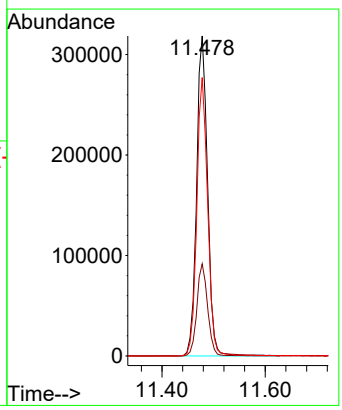


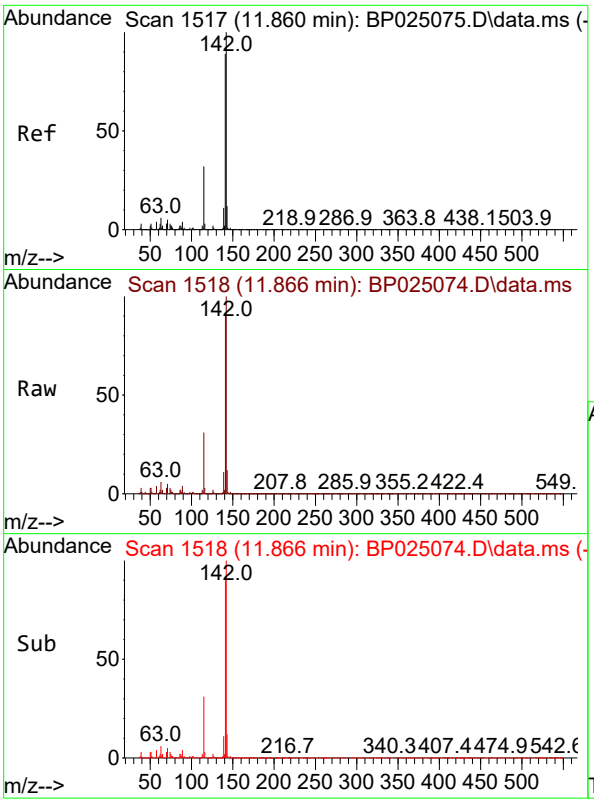


#36
4-Chloro-3-methylphenol
Concen: 21.146 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:107 Resp: 468989

Ion	Ratio	Lower	Upper
107	100		
144	28.8	22.4	33.6
142	87.0	69.6	104.4



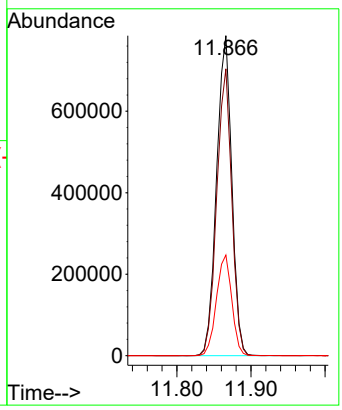


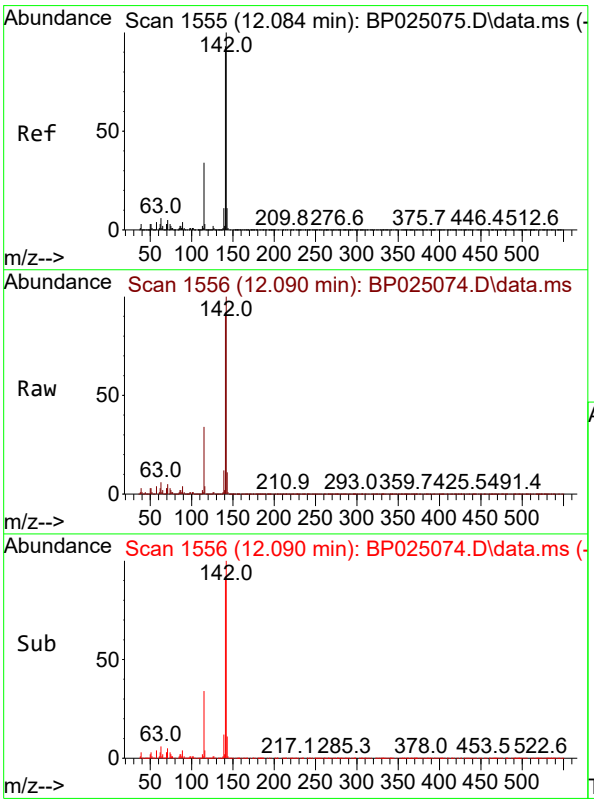
#37
2-Methylnaphthalene
Concen: 21.075 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 1118020

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	31.5	25.9	38.9

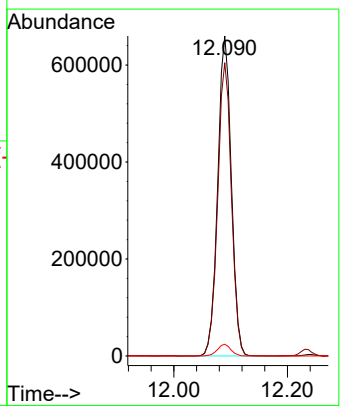


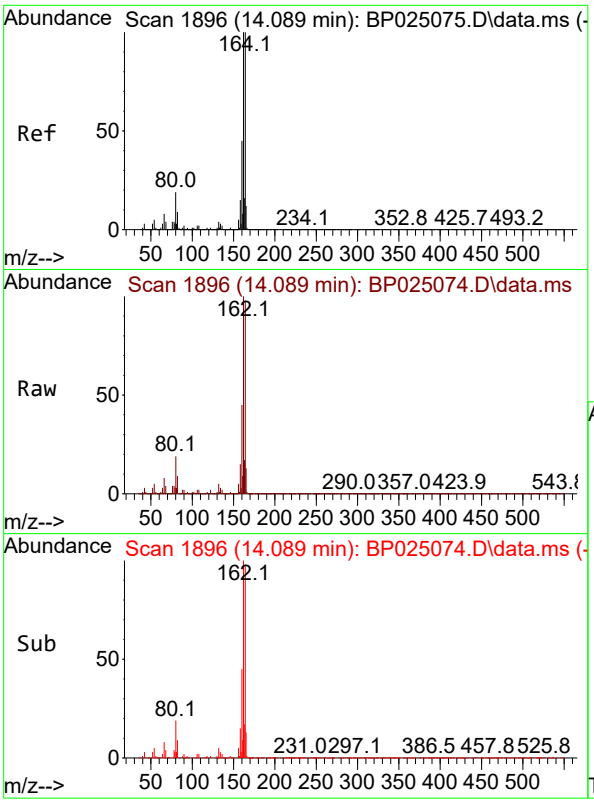


#38
1-Methylnaphthalene
Concen: 21.243 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:142 Resp: 1099060

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.1	111.1
116	3.6	2.7	4.1



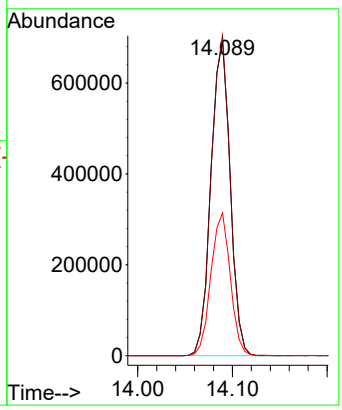


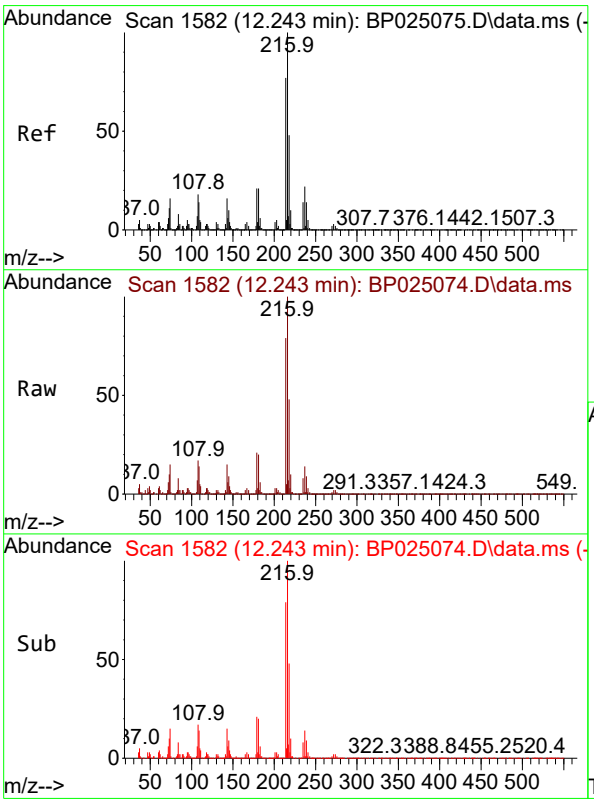
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 975973

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.3	120.5
160	45.4	35.9	53.9

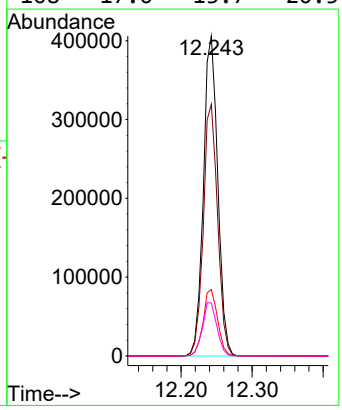


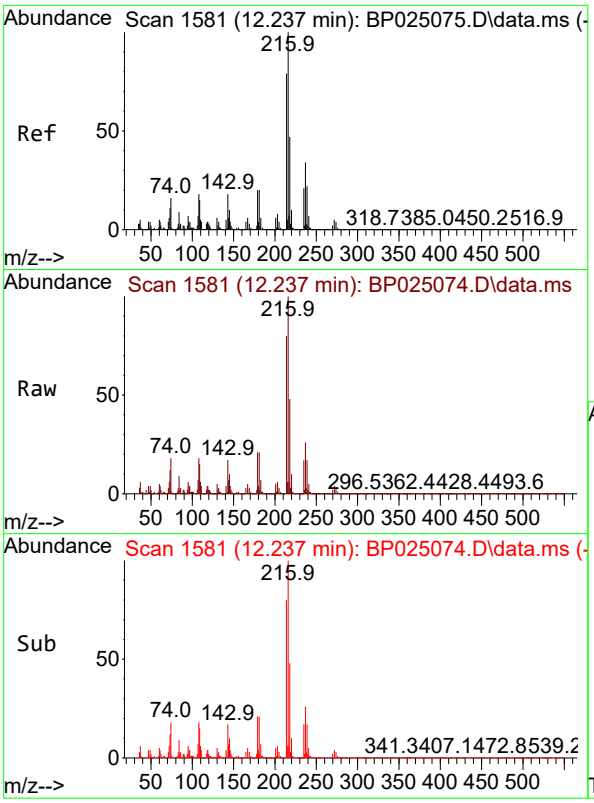


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.326 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:216 Resp: 570143

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.9	16.5	24.7
108	17.0	13.7	20.5



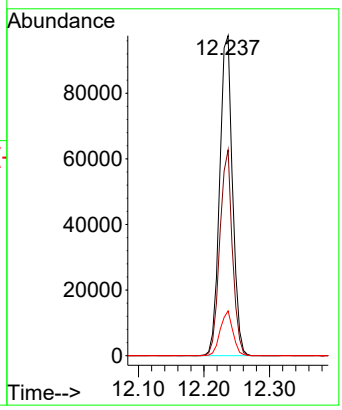


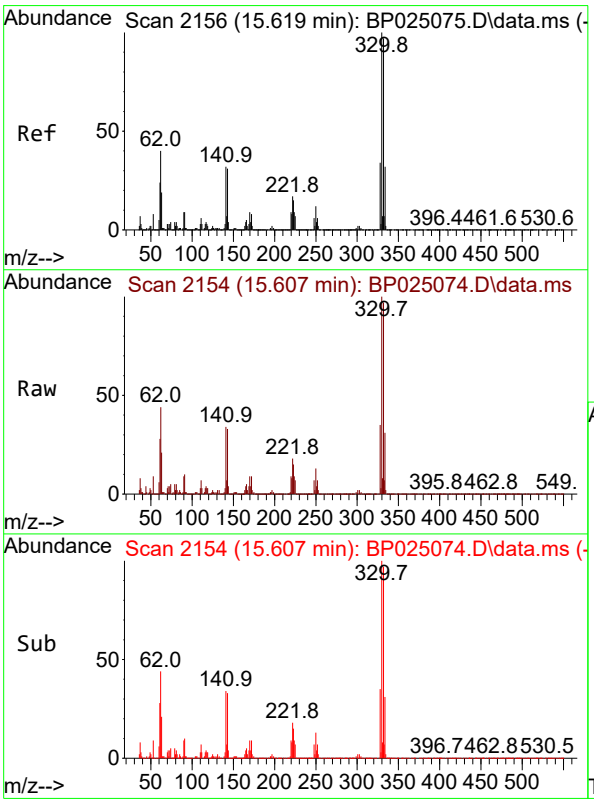
#41
Hexachlorocyclopentadiene
Concen: 17.986 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 131777

Ion	Ratio	Lower	Upper
237	100		
235	64.3	41.6	81.6
272	14.0	0.0	33.6

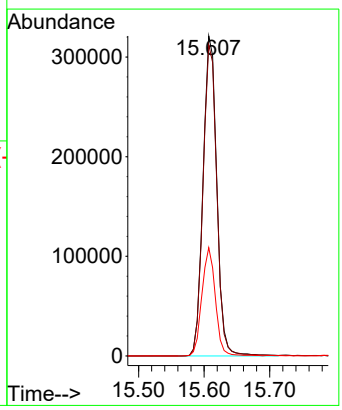


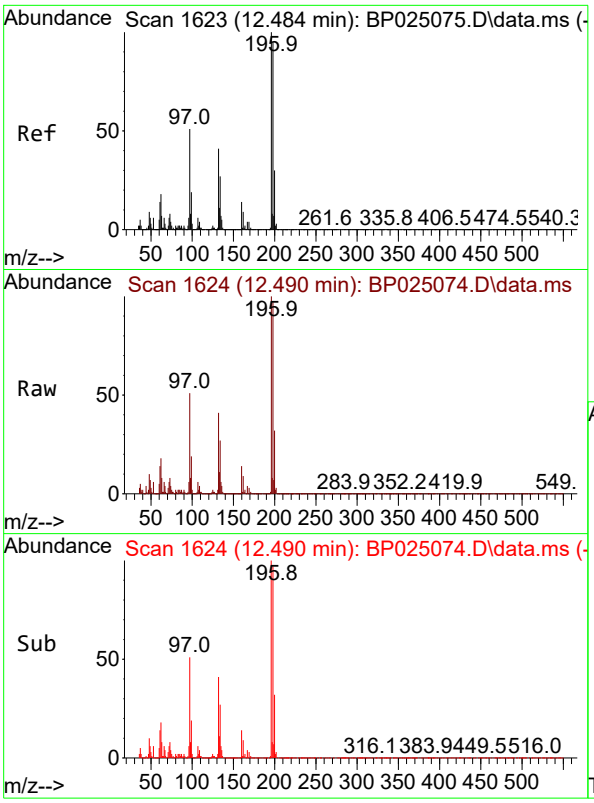


#42
2,4,6-Tribromophenol
Concen: 40.634 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:330 Resp: 468488

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.7	116.5
141	33.2	26.0	39.0



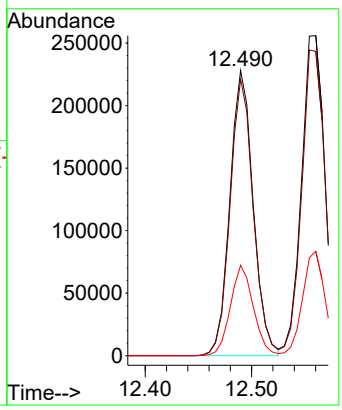


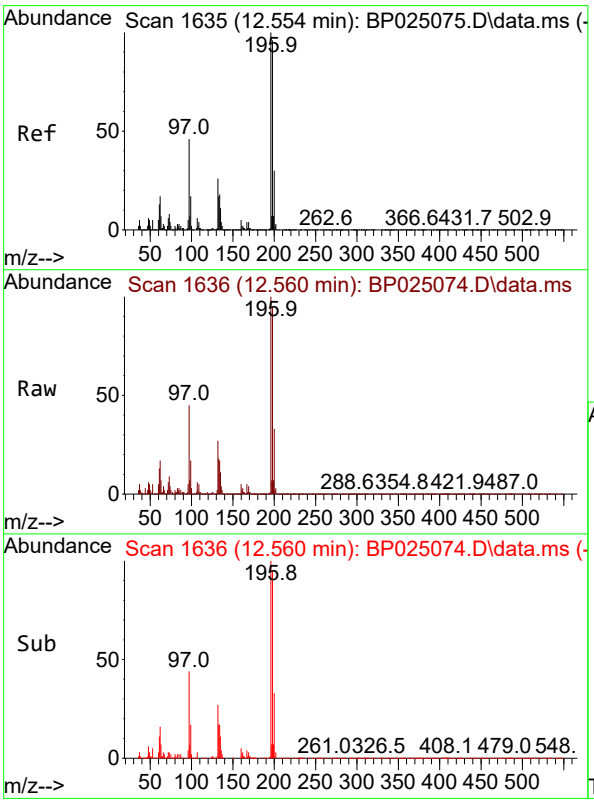
#43
2,4,6-Trichlorophenol
Concen: 20.418 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 346793

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.2	114.2
200	31.7	24.3	36.5

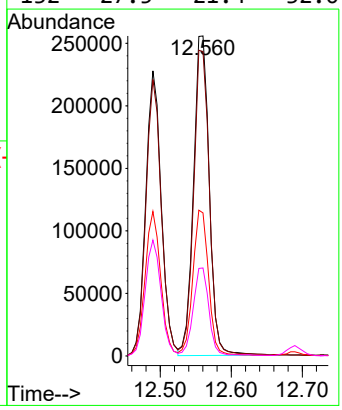


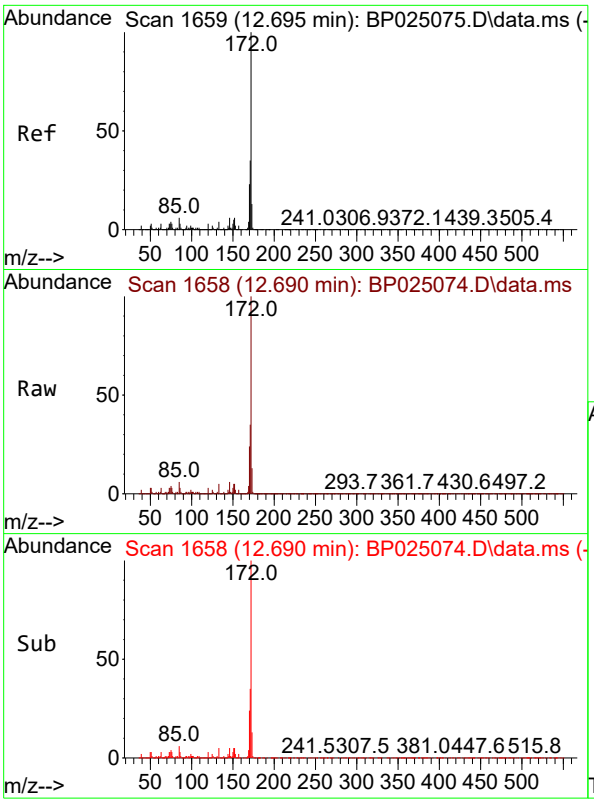


#44
2,4,5-Trichlorophenol
Concen: 20.566 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:196 Resp: 395864

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.6	115.0
97	44.7	36.6	55.0
132	27.5	21.4	32.0



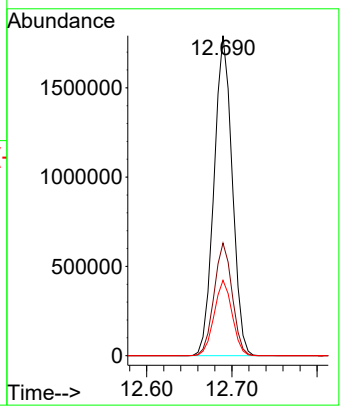


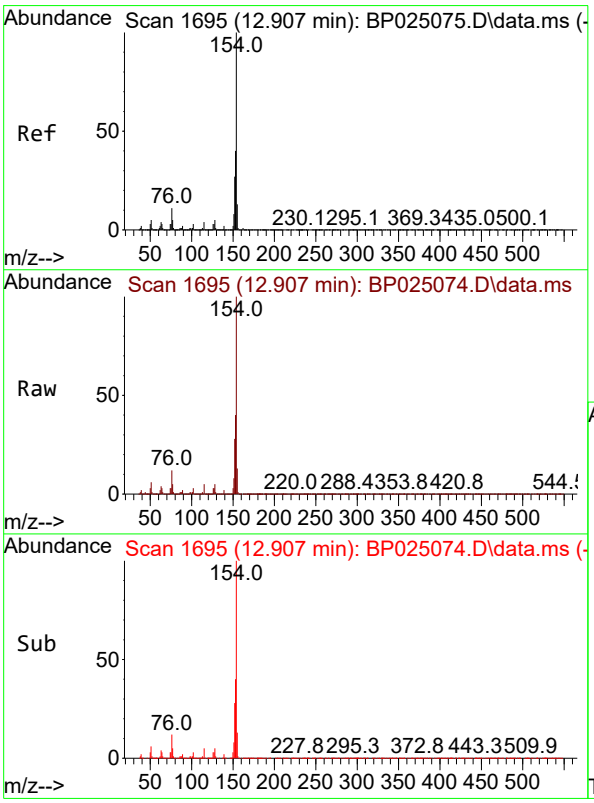
#45
2-Fluorobiphenyl
Concen: 42.179 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 2657285

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.6	18.7	28.1

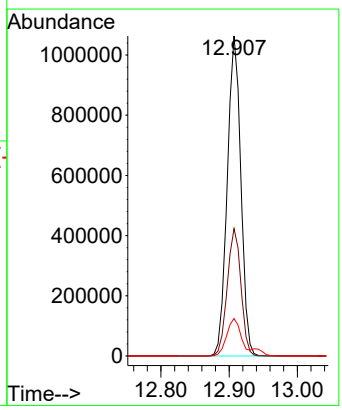


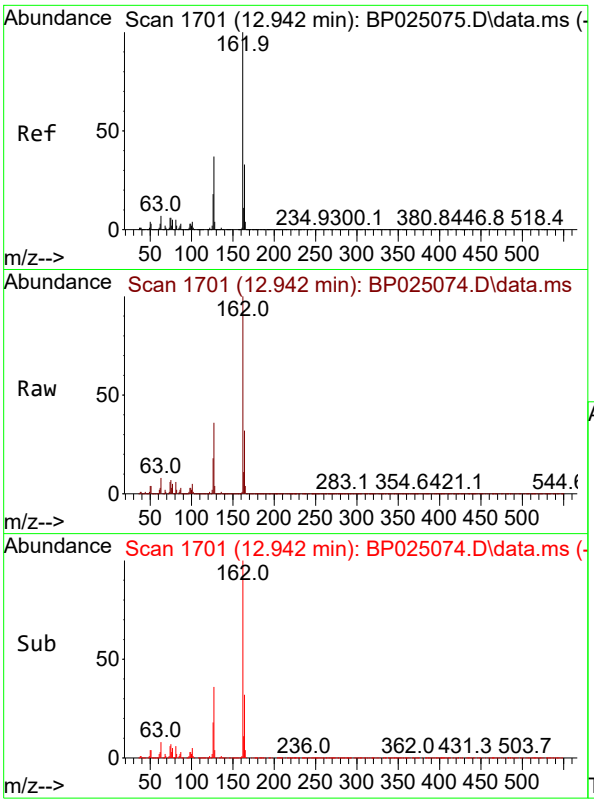


#46
1,1'-Biphenyl
Concen: 20.751 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:154 Resp: 1473578

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	11.7	0.0	31.5



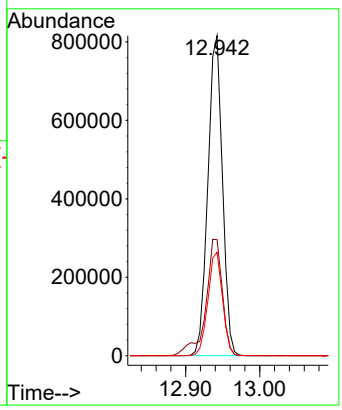


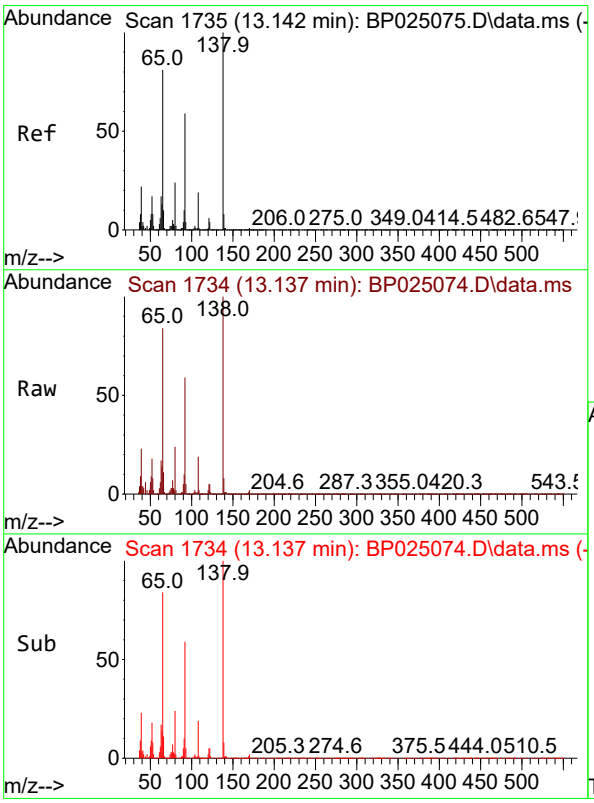
#47
2-Chloronaphthalene
Concen: 20.865 ng
RT: 12.942 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 1113594

Ion	Ratio	Lower	Upper
162	100		
127	36.2	29.4	44.2
164	32.4	26.4	39.6

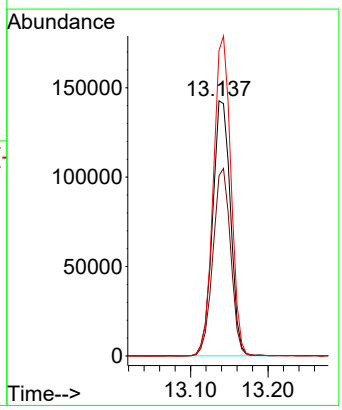


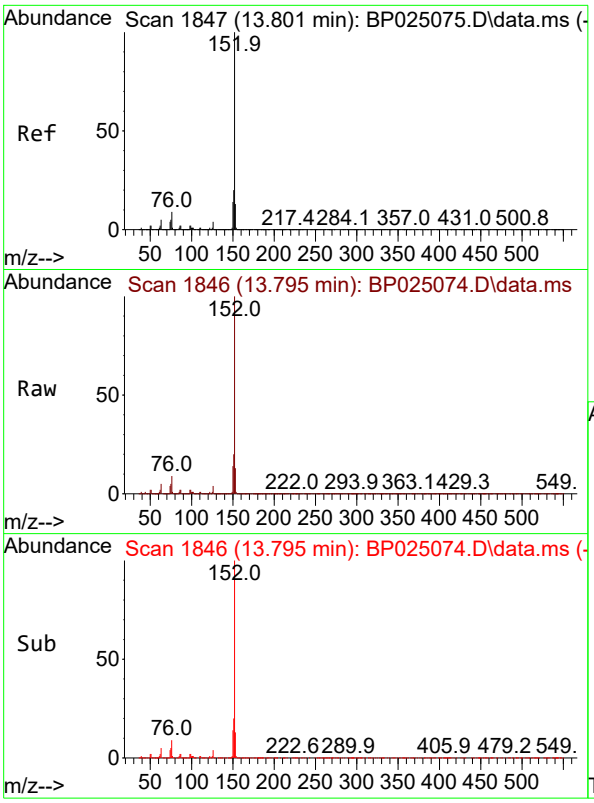


#48
2-Nitroaniline
Concen: 19.268 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion: 65 Resp: 228962

Ion	Ratio	Lower	Upper
65	100		
92	70.6	58.7	88.1
138	119.6	99.0	148.4



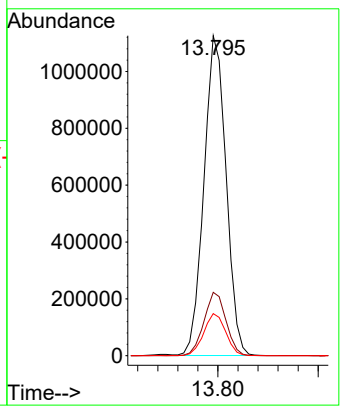


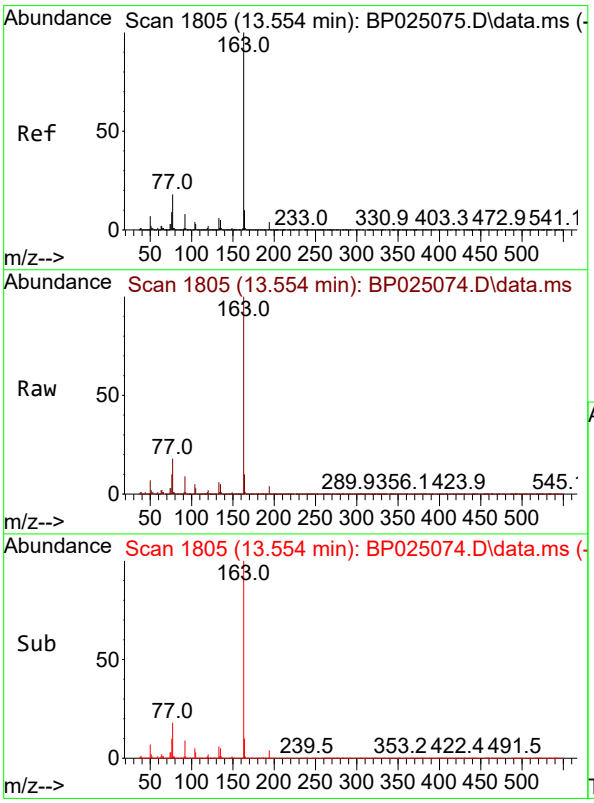
#49
Acenaphthylene
Concen: 21.159 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 1728416

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.2	10.7	16.1

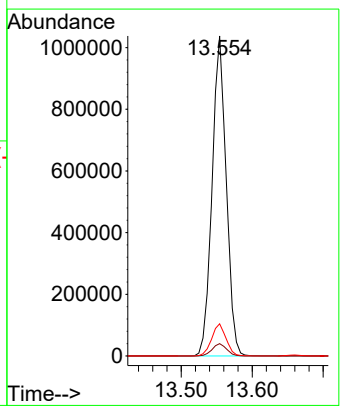


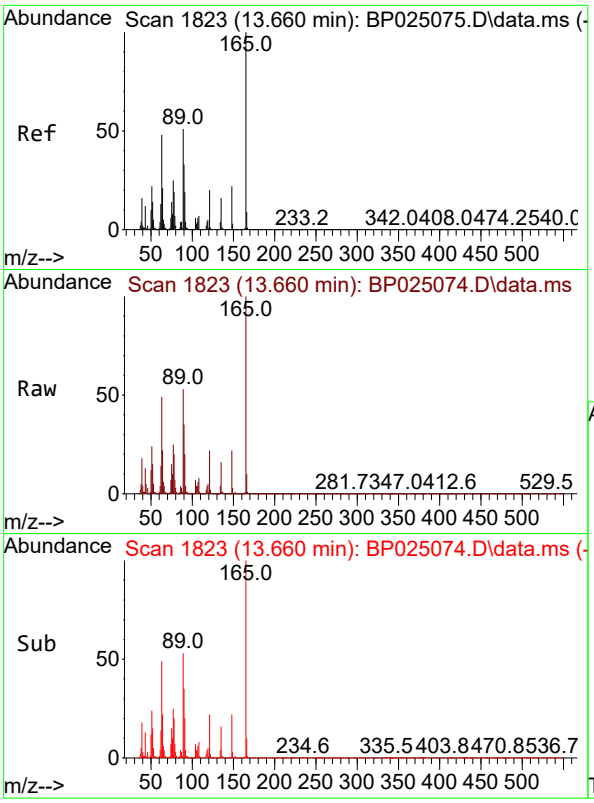


#50
Dimethylphthalate
Concen: 20.991 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:163 Resp: 1434045

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.0	8.0	12.0



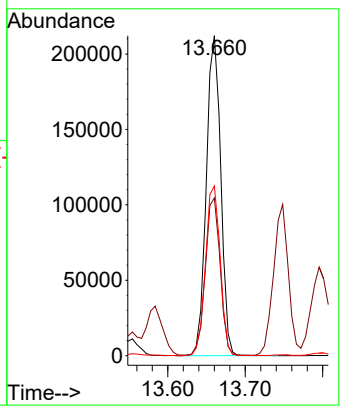


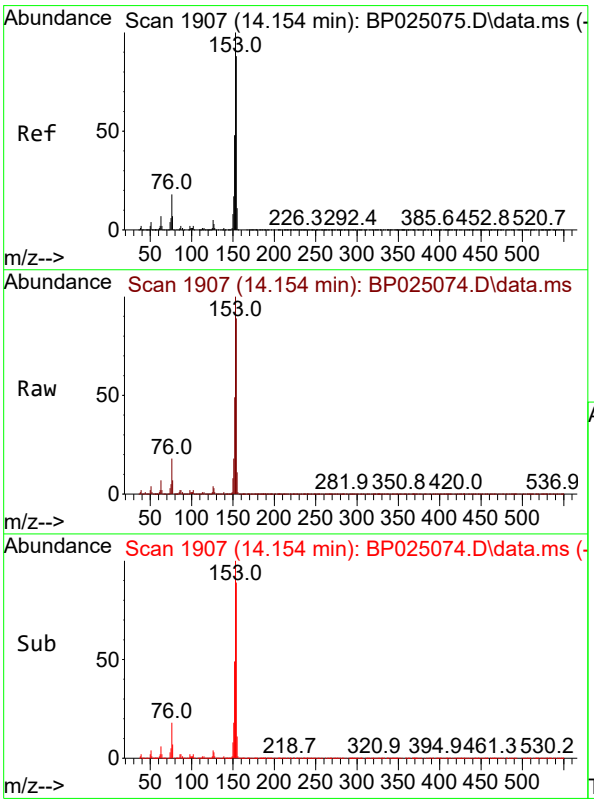
#51
2,6-Dinitrotoluene
Concen: 20.592 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 274371

Ion	Ratio	Lower	Upper
165	100		
63	49.3	38.5	57.7
89	53.1	40.6	61.0

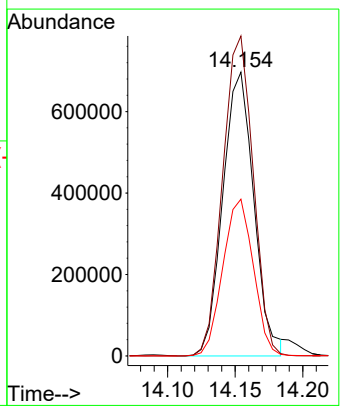


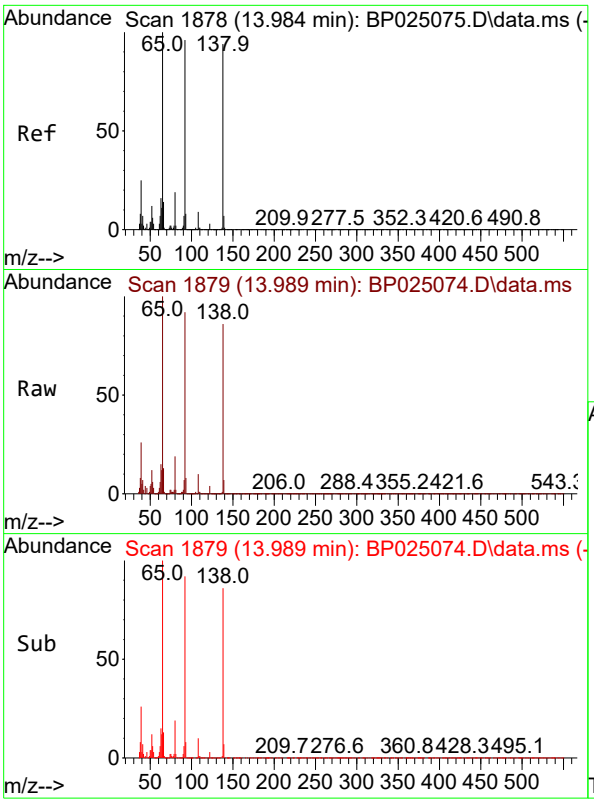


#52
Acenaphthene
Concen: 21.170 ng m
RT: 14.154 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:154 Resp: 1114579

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.6	136.0
152	55.2	43.8	65.8



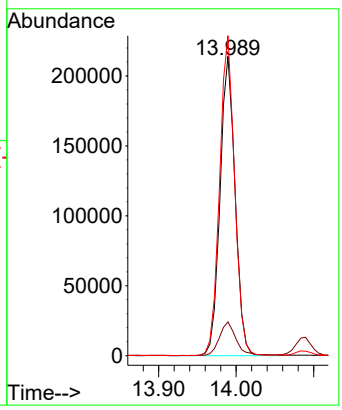


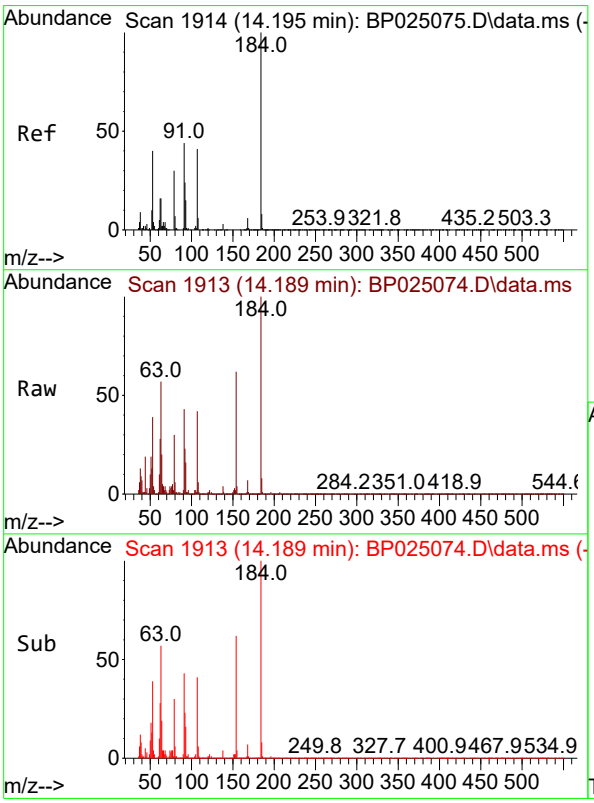
#53
3-Nitroaniline
Concen: 20.320 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 290162

Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.8	11.8
92	106.9	81.0	121.4

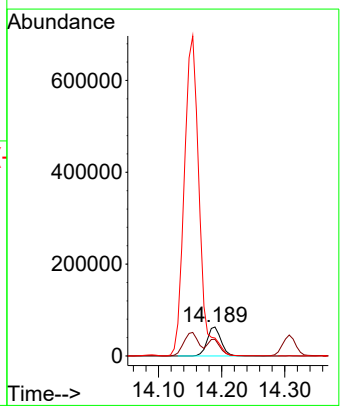


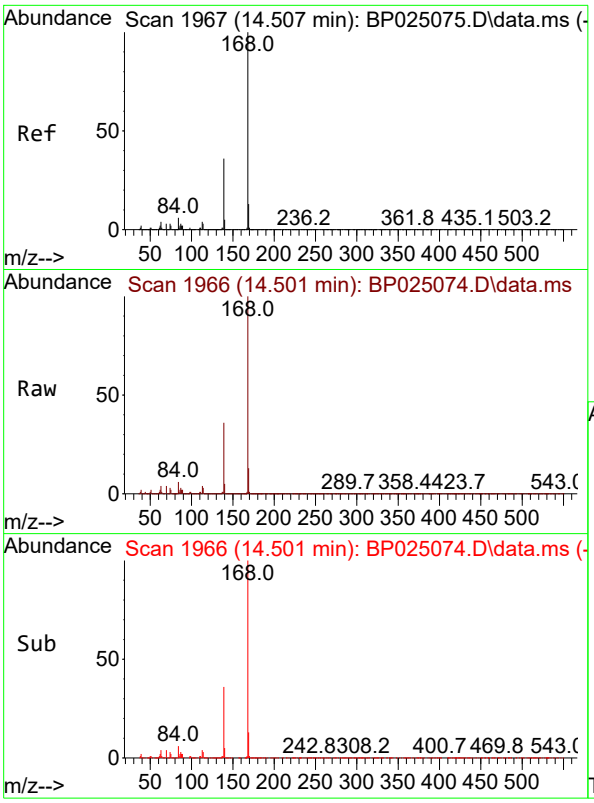


#54
2,4-Dinitrophenol
Concen: 19.115 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:184 Resp: 95858

Ion	Ratio	Lower	Upper
184	100		
63	57.3	47.4	71.0
154	61.9	47.8	71.8



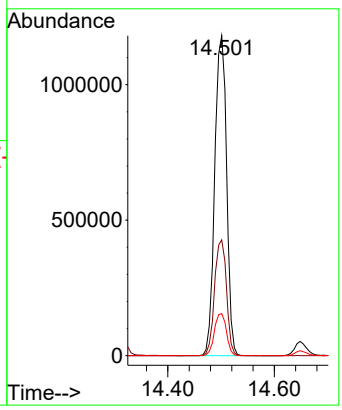


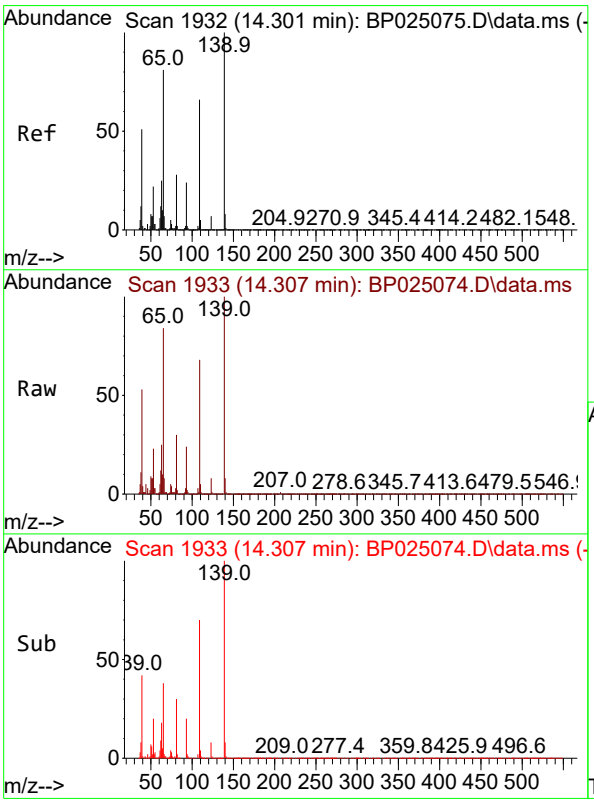
#55
Dibenzofuran
Concen: 20.961 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 1821290

Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.6	43.0
169	13.2	10.7	16.1

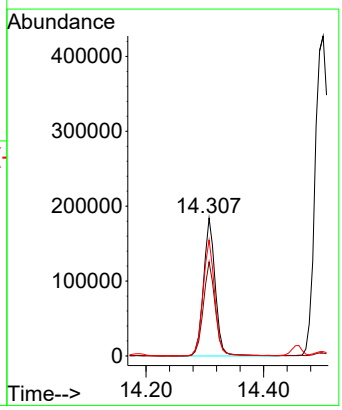


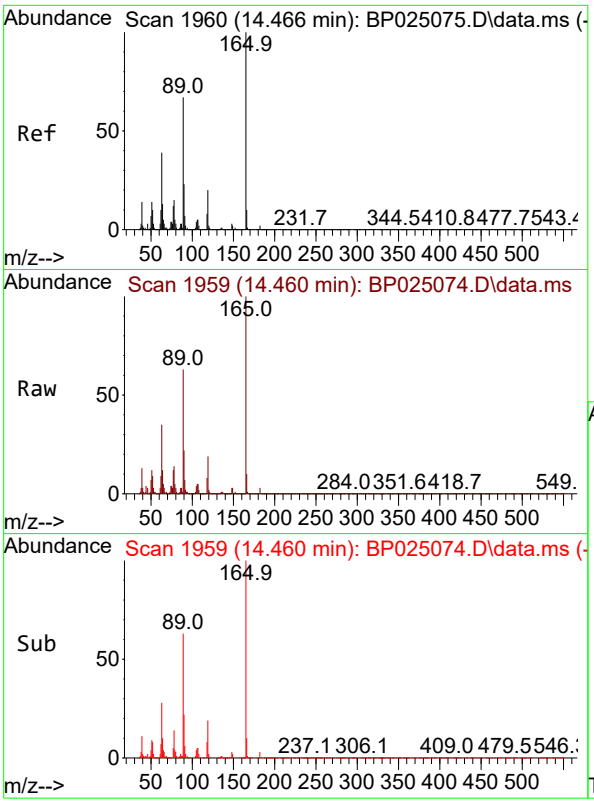


#56
4-Nitrophenol
Concen: 19.230 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:139 Resp: 253402

Ion	Ratio	Lower	Upper
139	100		
109	68.2	45.9	85.9
65	84.0	61.4	101.4



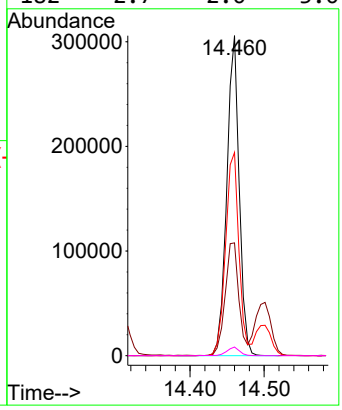


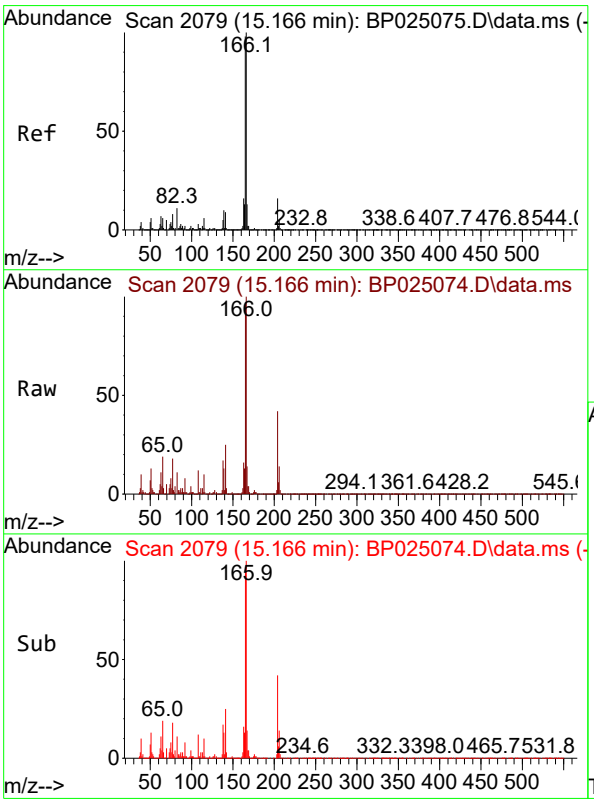
#57
2,4-Dinitrotoluene
Concen: 19.783 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 354786

Ion	Ratio	Lower	Upper
165	100		
63	35.3	31.0	46.4
89	63.5	53.4	80.0
182	2.7	2.0	3.0

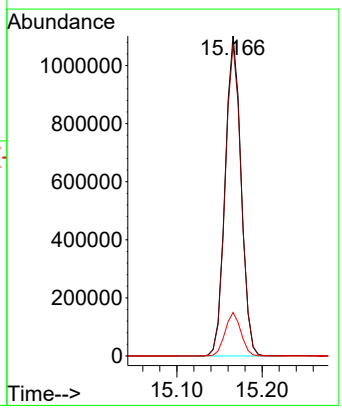


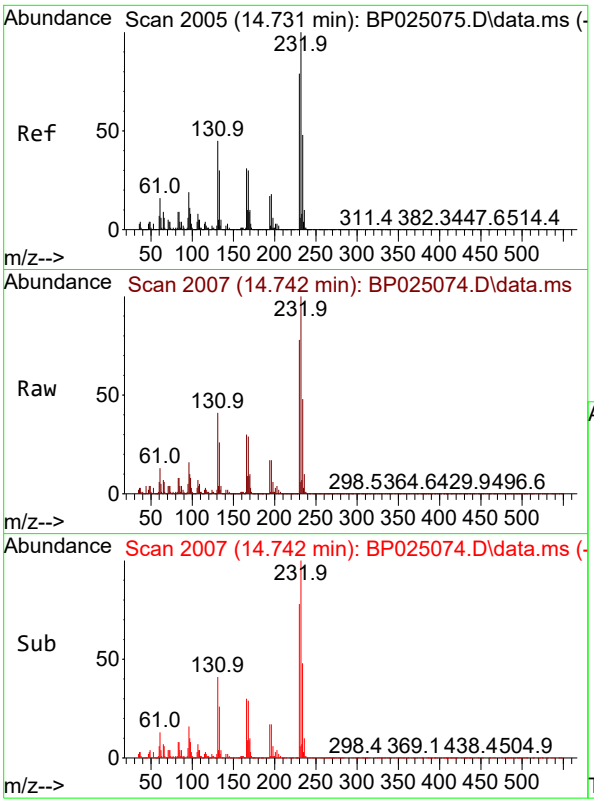


#58
Fluorene
Concen: 21.301 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:166 Resp: 1431605

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	117.8
167	13.6	10.7	16.1



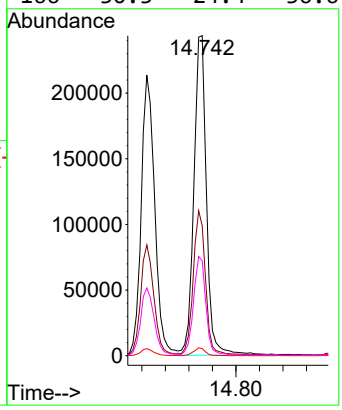


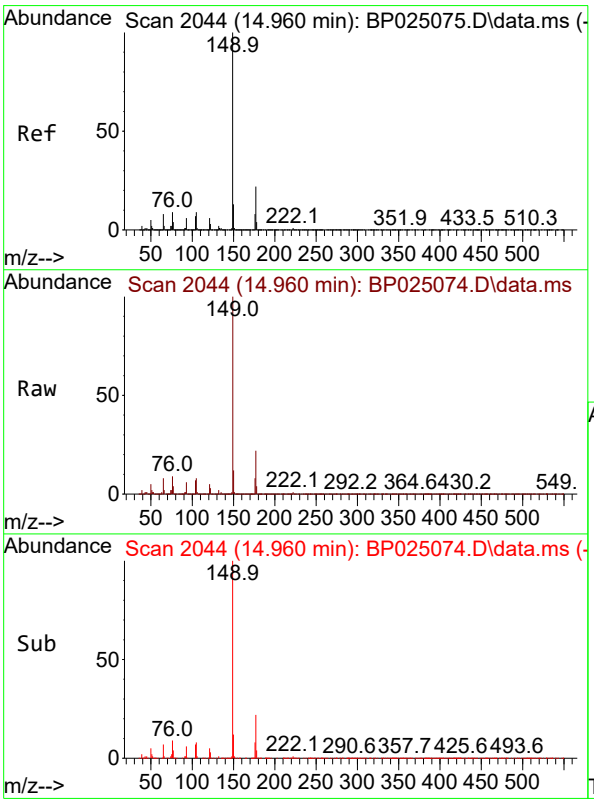
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.726 ng
RT: 14.742 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 361259

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.7	53.5
130	2.3	1.8	2.6
166	30.3	24.4	36.6

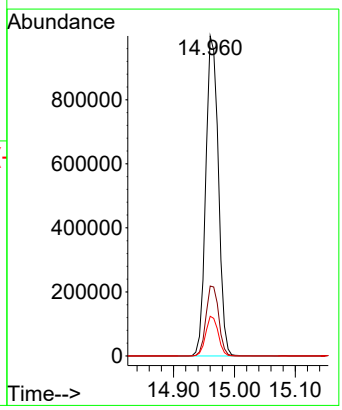


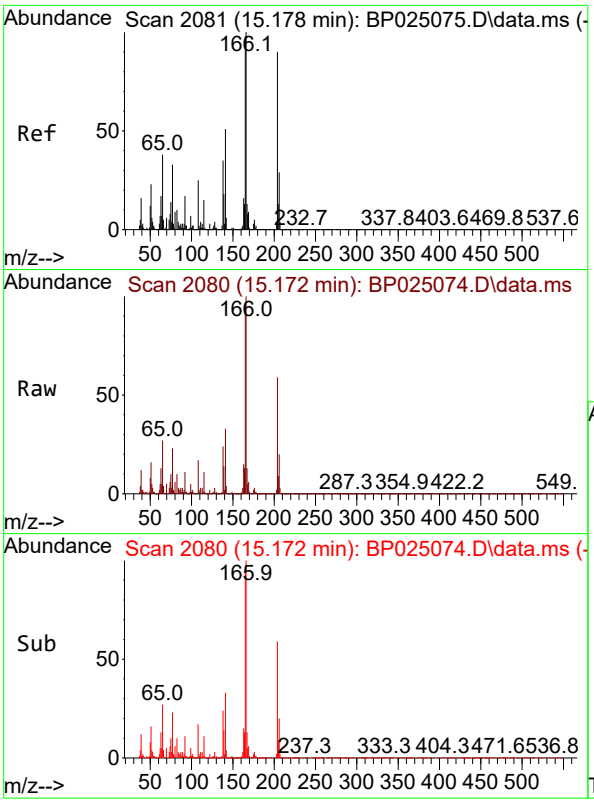


#60
Diethylphthalate
Concen: 20.887 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 1433207

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.8	26.8
150	12.4	10.2	15.2



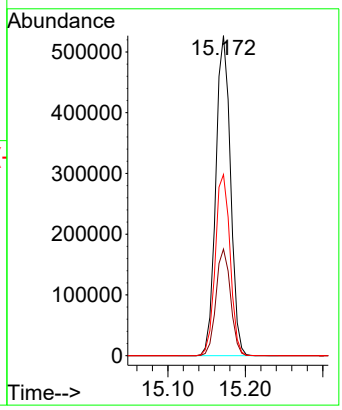


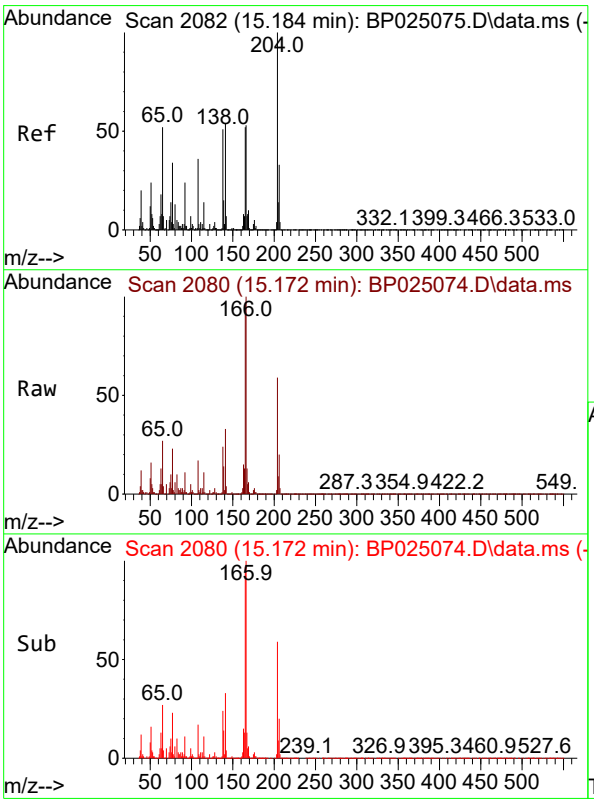
#61
4-Chlorophenyl-phenylether
Concen: 20.828 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 692727

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	56.6	45.1	67.7

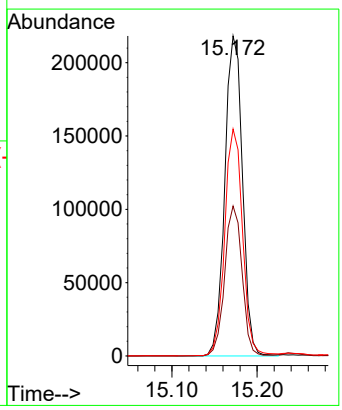


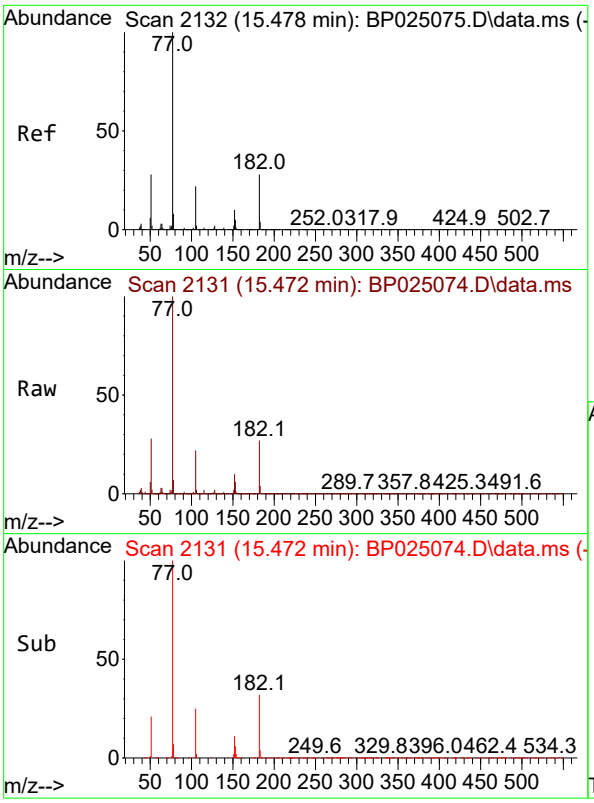


#62
4-Nitroaniline
Concen: 20.933 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:138 Resp: 313433

Ion	Ratio	Lower	Upper
138	100		
92	46.8	26.0	66.0
108	70.9	50.0	90.0



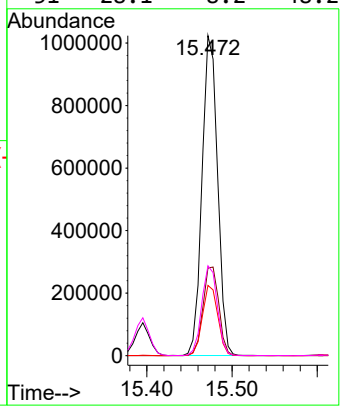


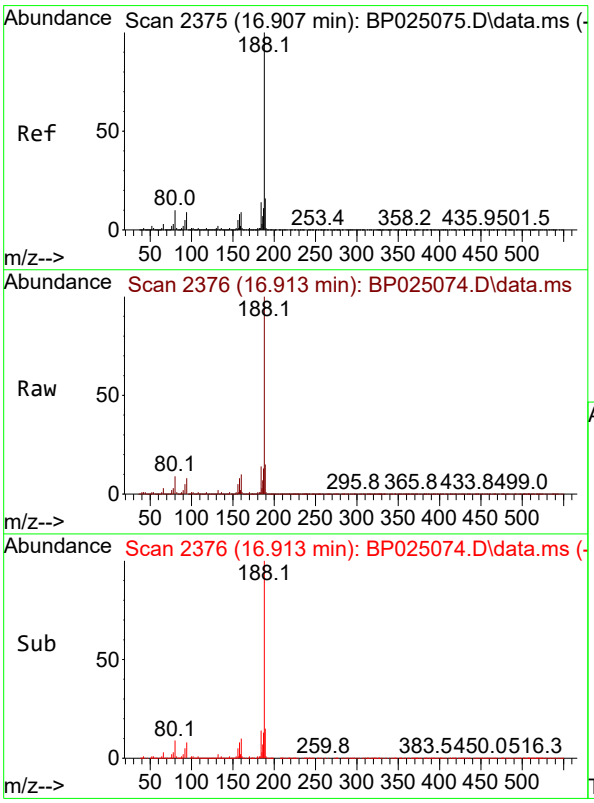
#63
Azobenzene
Concen: 21.209 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 1295934

Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.7	47.7
105	21.9	1.9	41.9
51	28.1	8.2	48.2

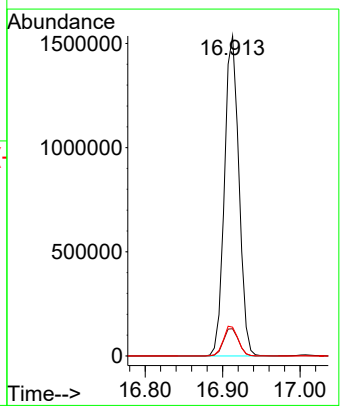


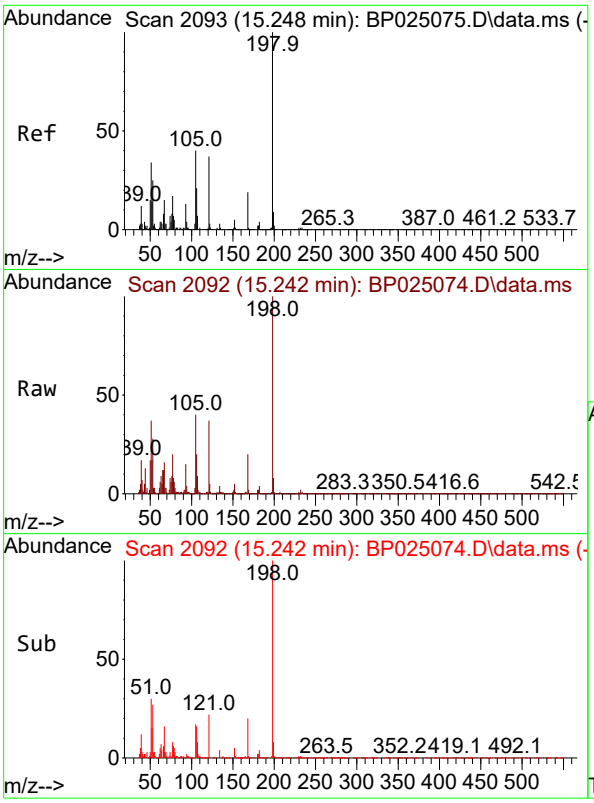


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:188 Resp: 1992018

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.0	7.8	11.6



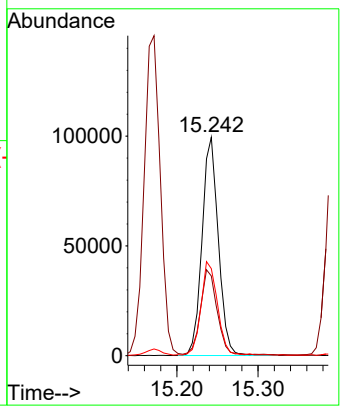


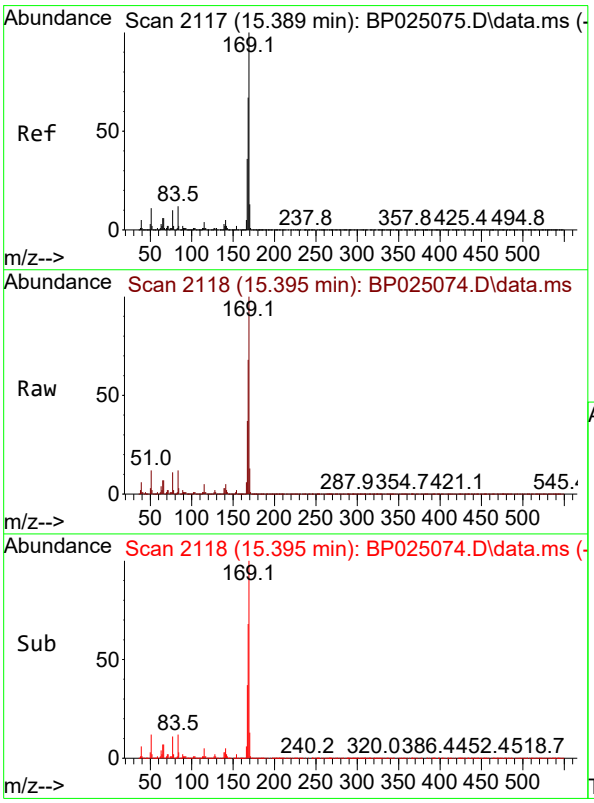
#65
4,6-Dinitro-2-methylphenol
Concen: 19.064 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 138316

Ion	Ratio	Lower	Upper
198	100		
51	36.5	16.8	56.8
105	39.9	20.8	60.8

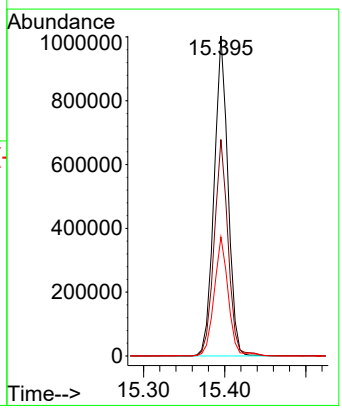


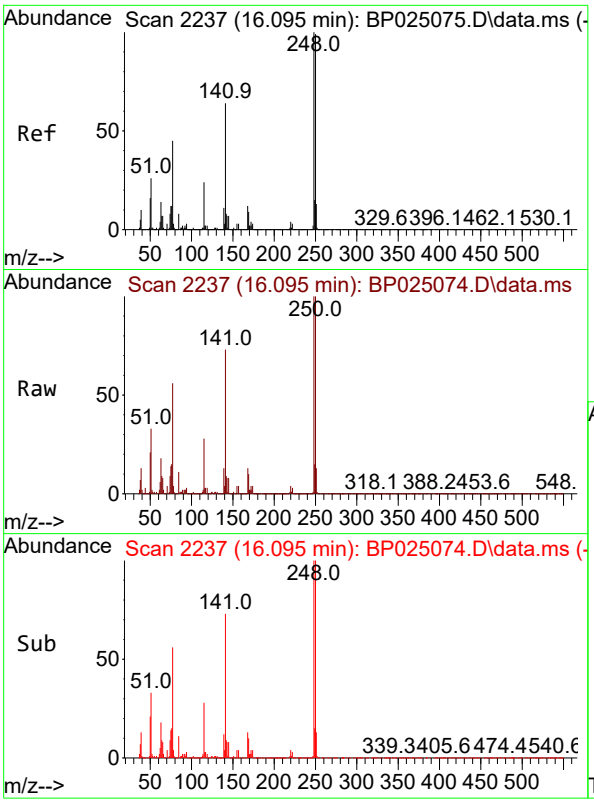


#66
n-Nitrosodiphenylamine
Concen: 20.872 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:169 Resp: 1189868

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.1	81.1
167	37.2	29.0	43.6



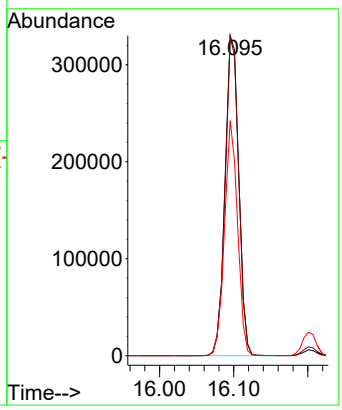


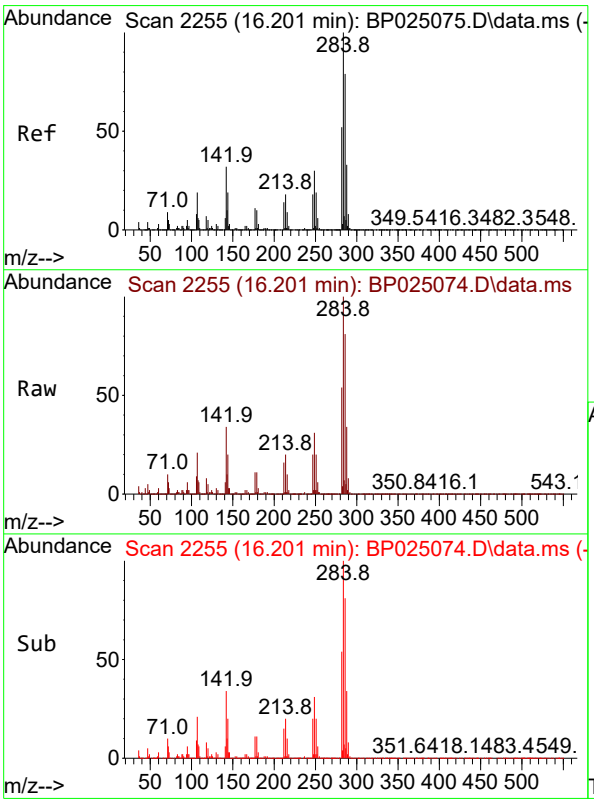
#67
4-Bromophenyl-phenylether
Concen: 20.847 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 425191

Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.4	119.2
141	73.5	51.4	77.0

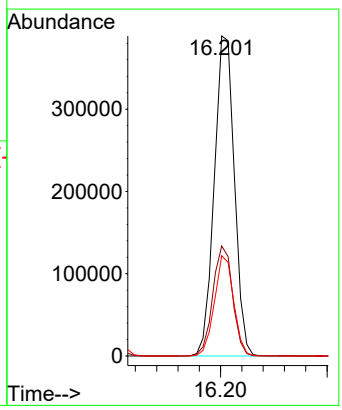


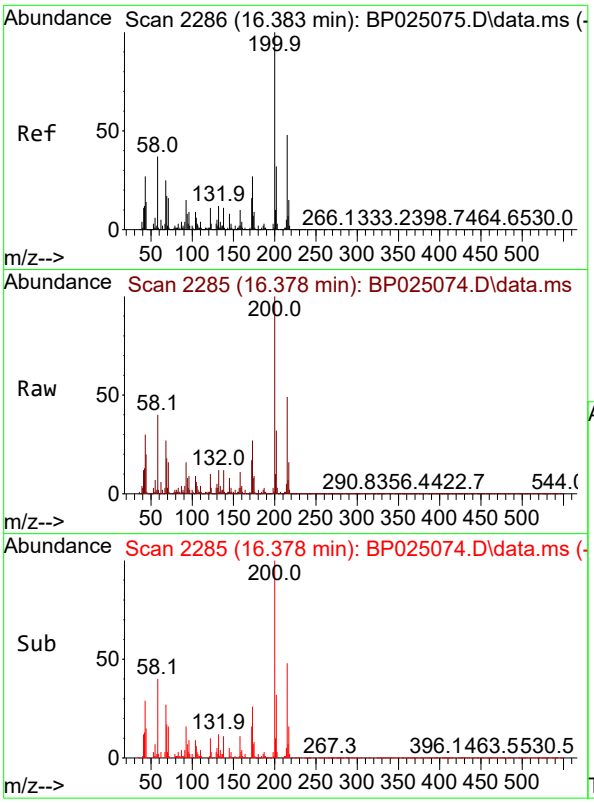


#68
Hexachlorobenzene
Concen: 20.375 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:284 Resp: 507935

Ion	Ratio	Lower	Upper
284	100		
142	34.4	25.9	38.9
249	31.4	23.8	35.8



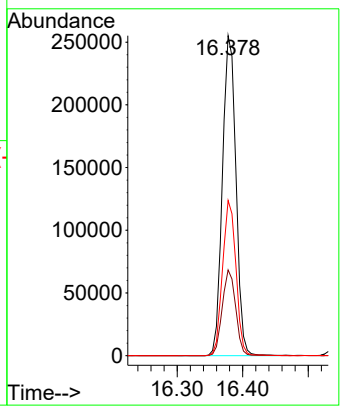


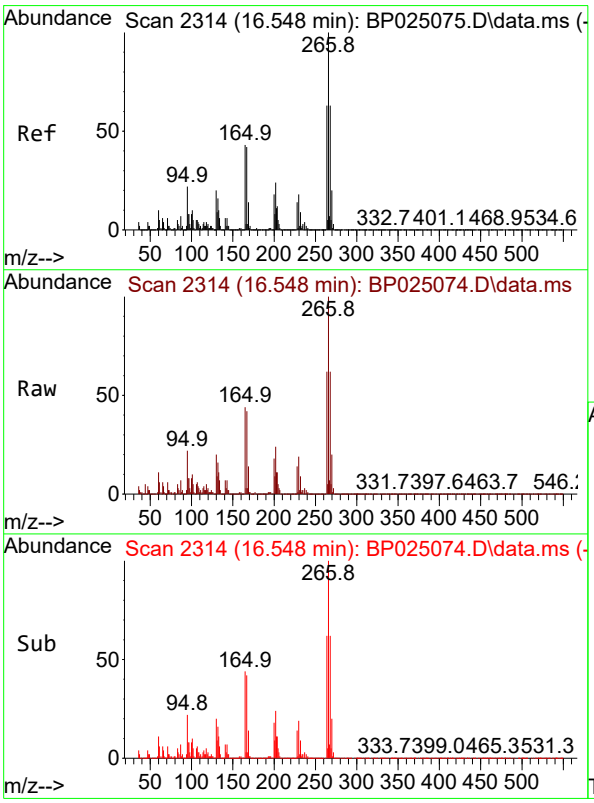
#69
Atrazine
Concen: 21.787 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 363960

Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	48.5	28.0	68.0

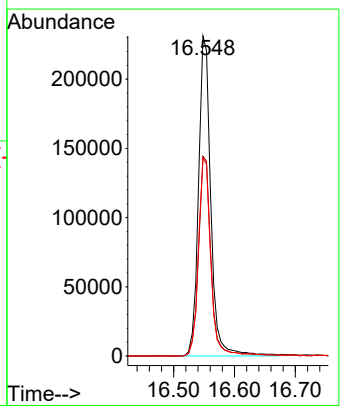


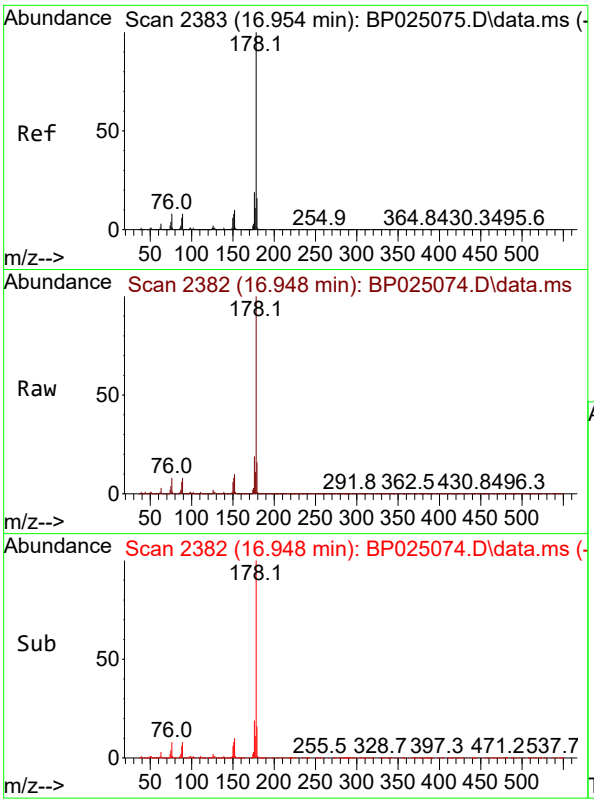


#70
Pentachlorophenol
Concen: 19.277 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:266 Resp: 324553

Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.4	75.6
264	61.9	50.2	75.2



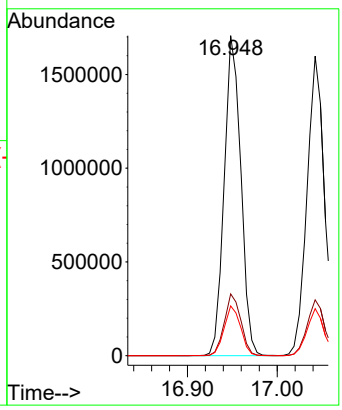


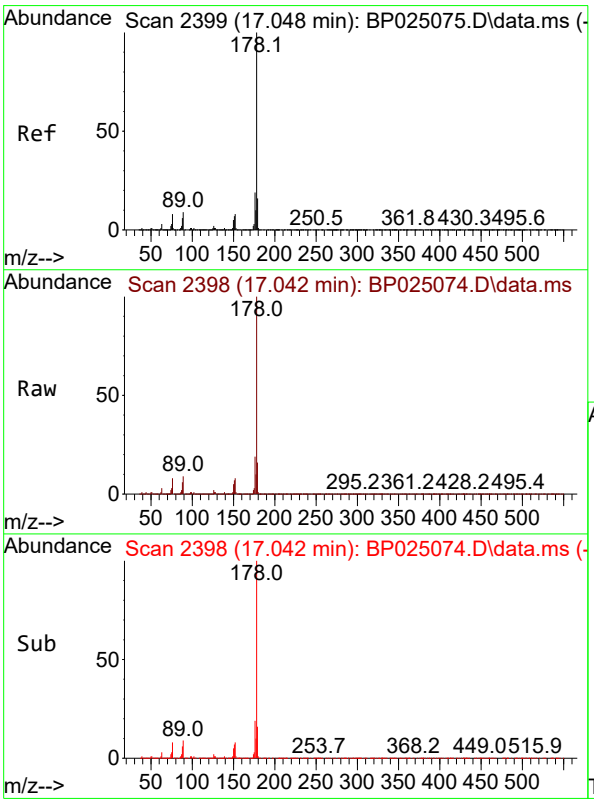
#71
Phenanthrene
Concen: 20.658 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 2198840

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.6	19.0

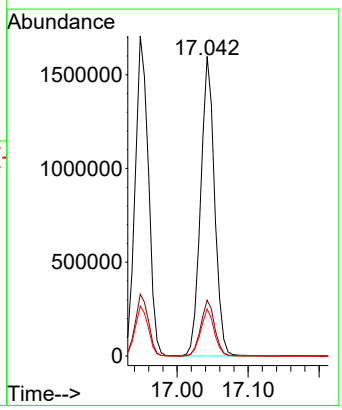


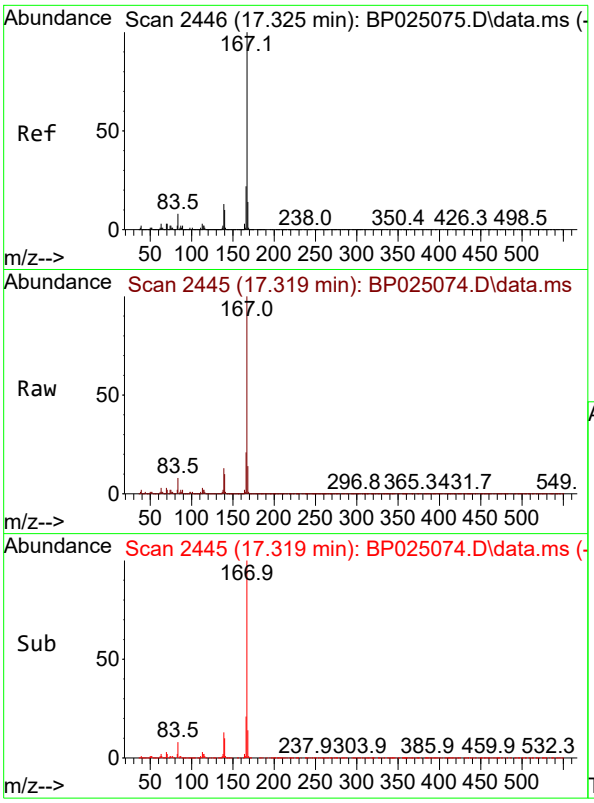


#72
Anthracene
Concen: 21.311 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:178 Resp: 2176257

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.7	12.5	18.7



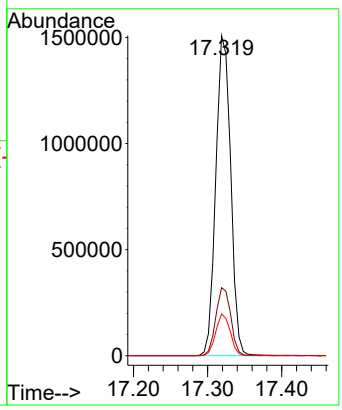


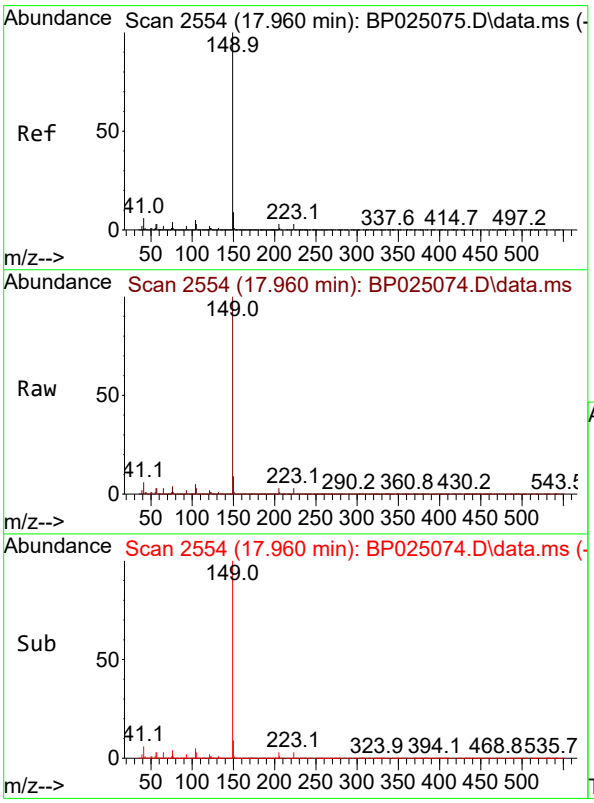
#73
Carbazole
Concen: 21.092 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 2105955

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	13.0	10.4	15.6

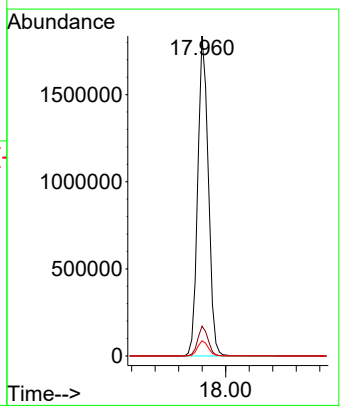


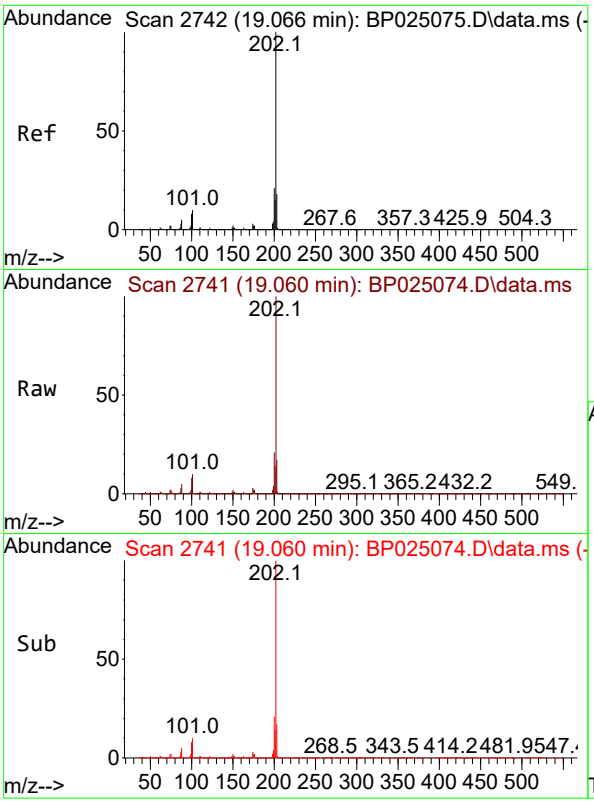


#74
Di-n-butylphthalate
Concen: 20.548 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 2284685

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.8	5.6



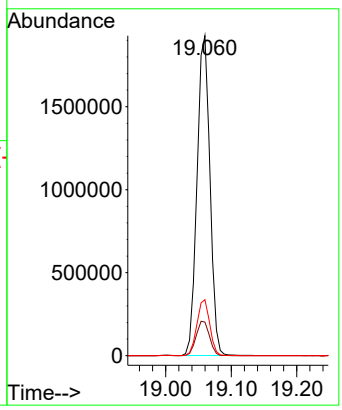


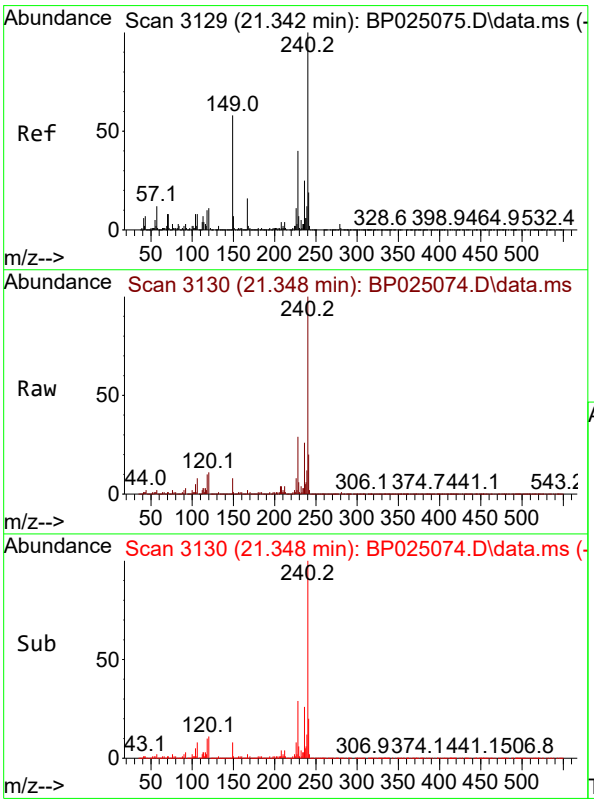
#75
Fluoranthene
Concen: 21.293 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 2649288

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.4
203	17.5	0.0	37.6

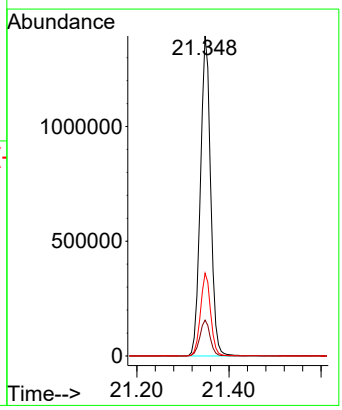


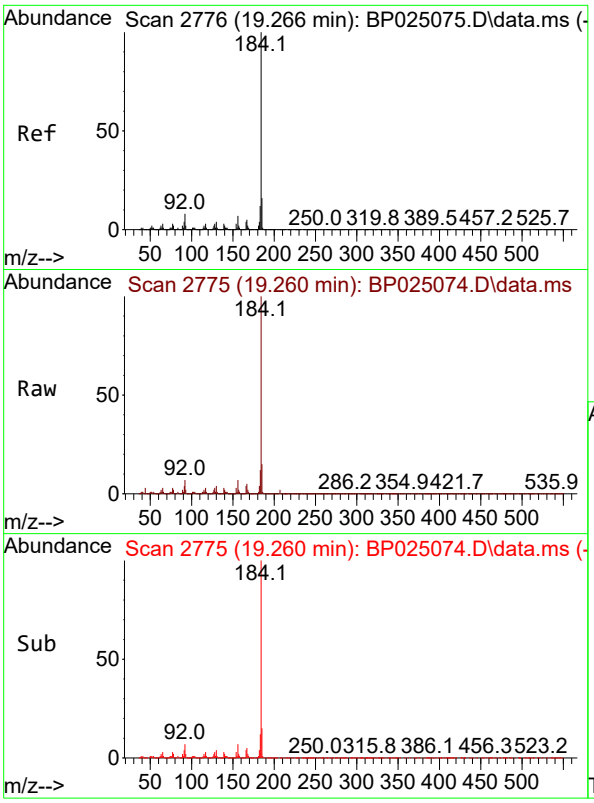


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:240 Resp: 2159758

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.9	20.3	30.5



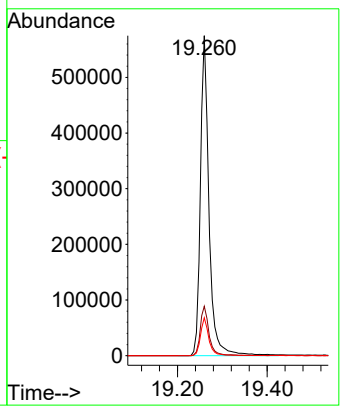


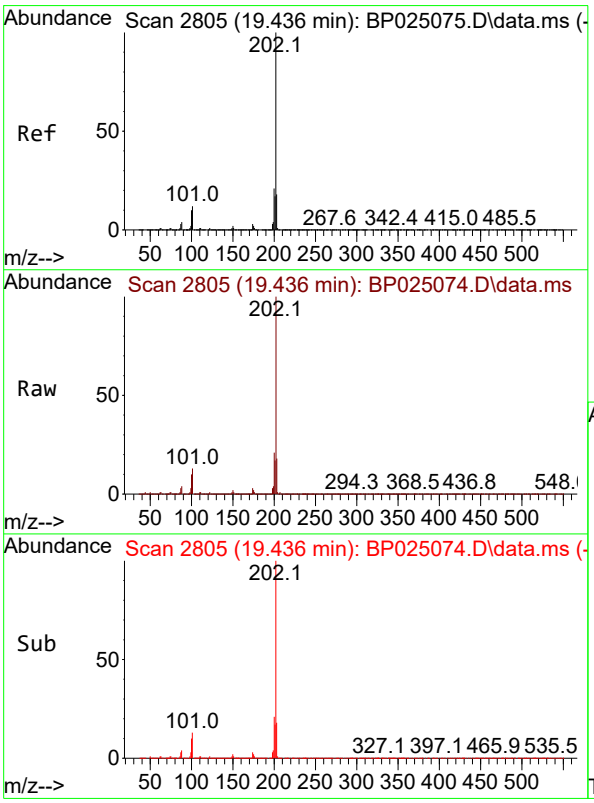
#77
Benzidine
Concen: 20.041 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 764455

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.9	9.4	14.2

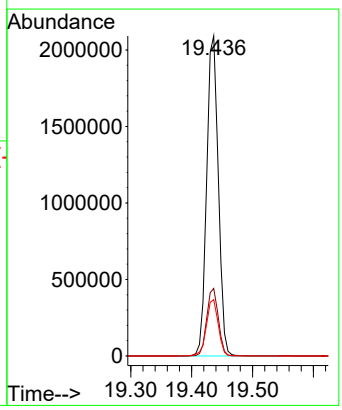


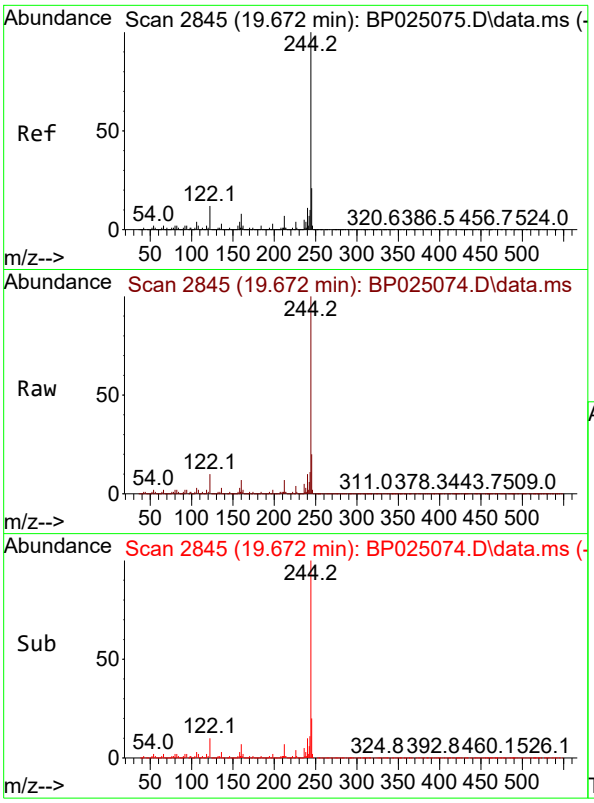


#78
Pyrene
Concen: 20.788 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:202 Resp: 2780845

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.6	14.1	21.1



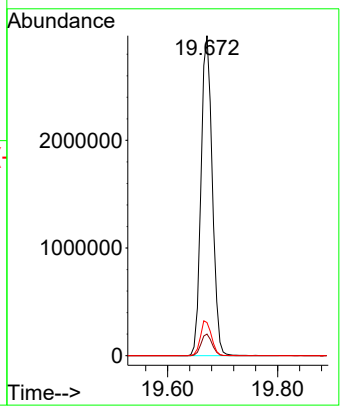


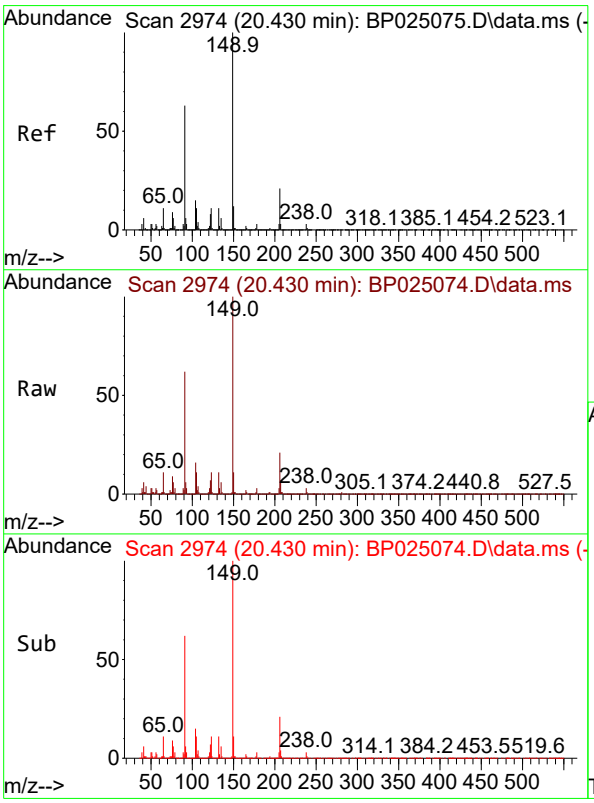
#79
Terphenyl-d14
Concen: 42.993 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 4224886

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.3	9.4	14.2

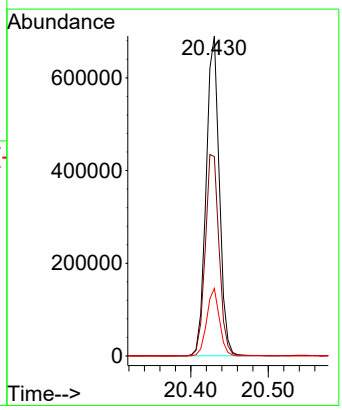


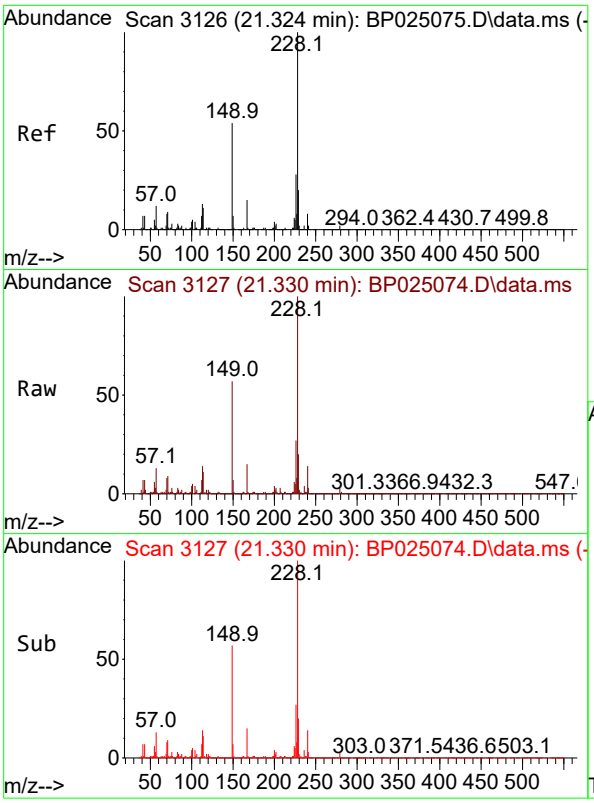


#80
Butylbenzylphthalate
Concen: 18.287 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 815246

Ion	Ratio	Lower	Upper
149	100		
91	62.3	50.6	76.0
206	21.1	17.2	25.8



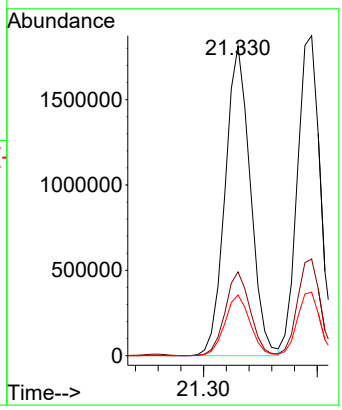


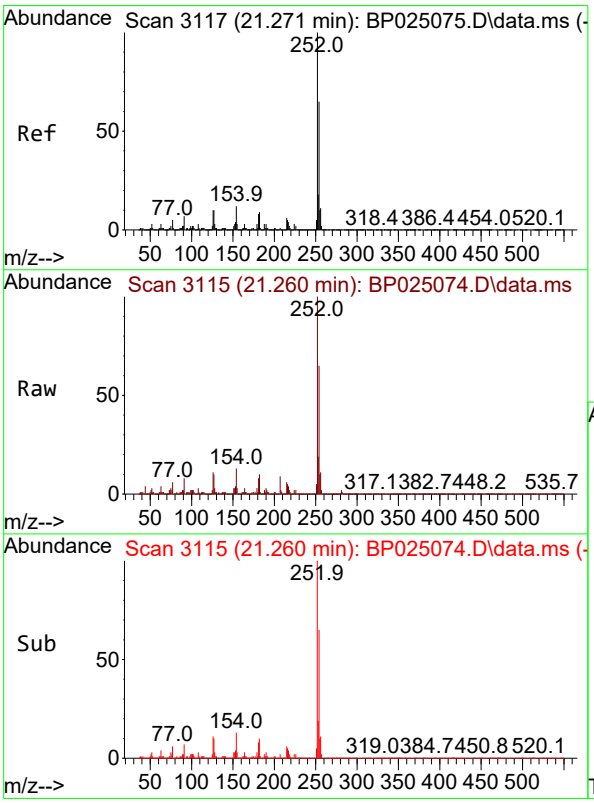
#81
Benzo(a)anthracene
Concen: 21.329 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2791625

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.6	16.0	24.0

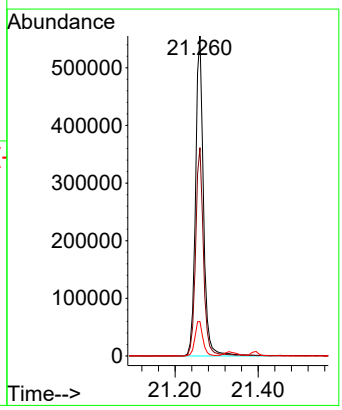


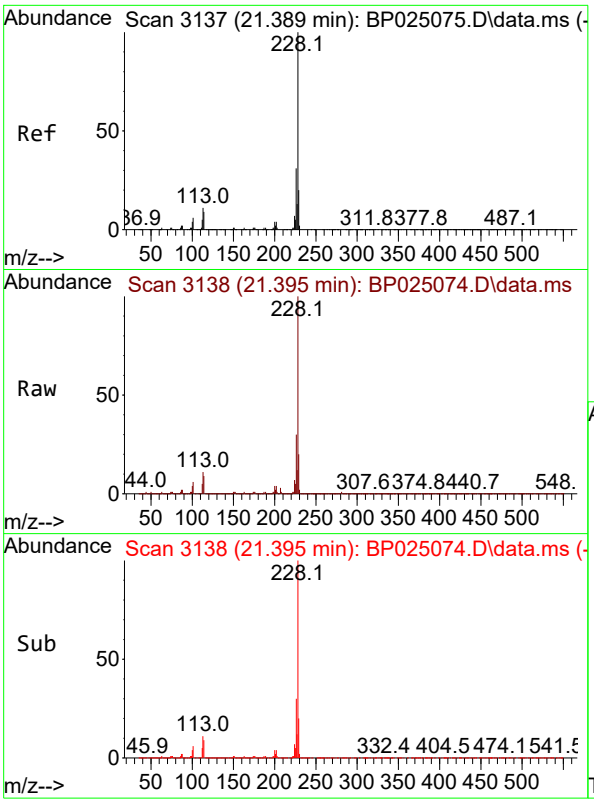


#82
3,3'-Dichlorobenzidine
Concen: 18.647 ng
RT: 21.260 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 734695

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	10.7	8.1	12.1



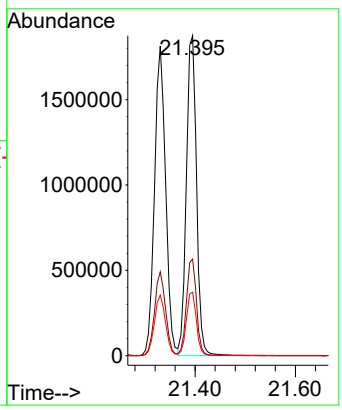


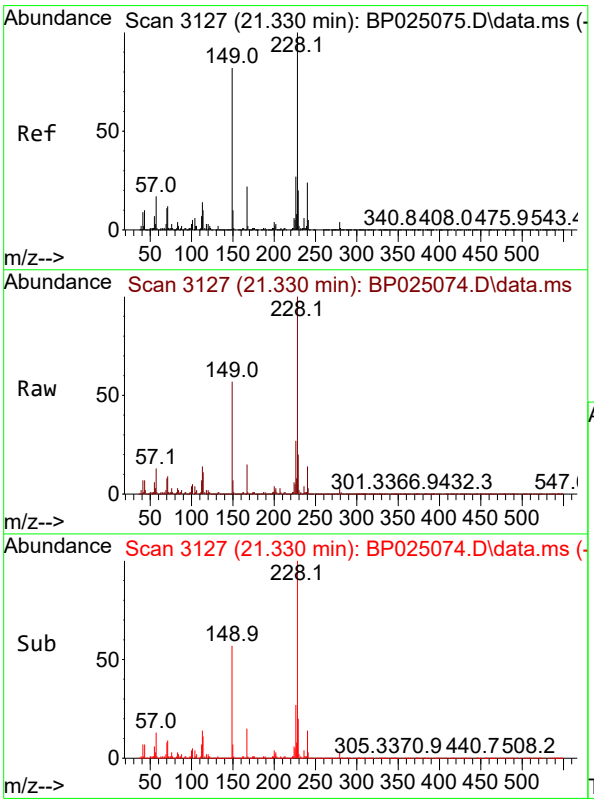
#83
Chrysene
Concen: 20.977 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2642166

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.8	16.0	24.0

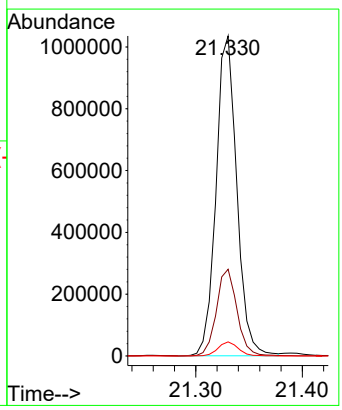


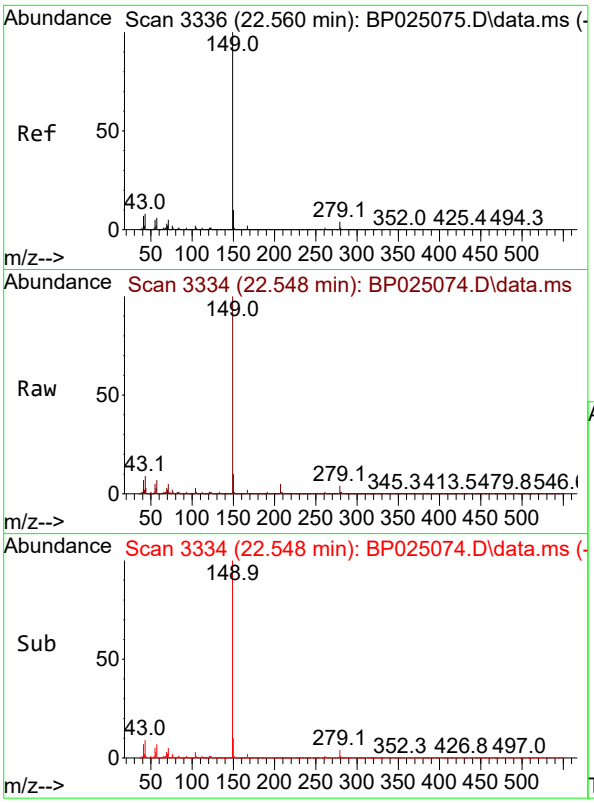


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.886 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:149 Resp: 1396109

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.9	32.9
279	4.4	3.5	5.3



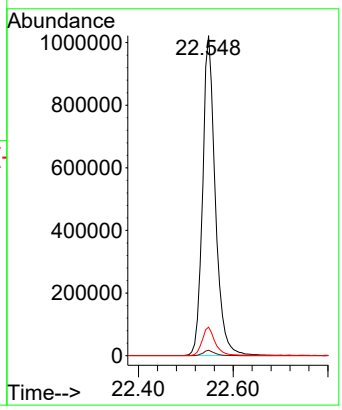


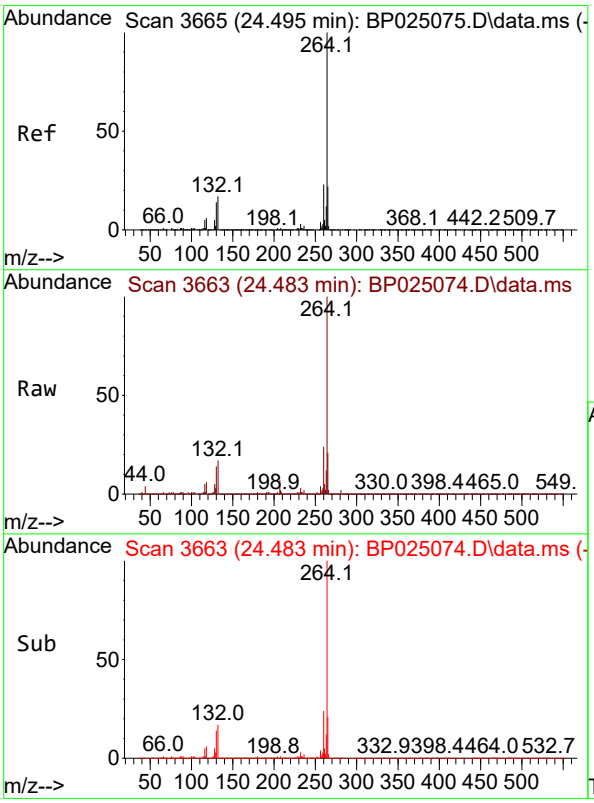
#85
Di-n-octyl phthalate
Concen: 18.935 ng
RT: 22.548 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 1892919

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	6.9	10.3

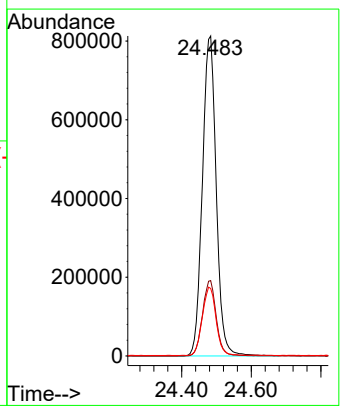


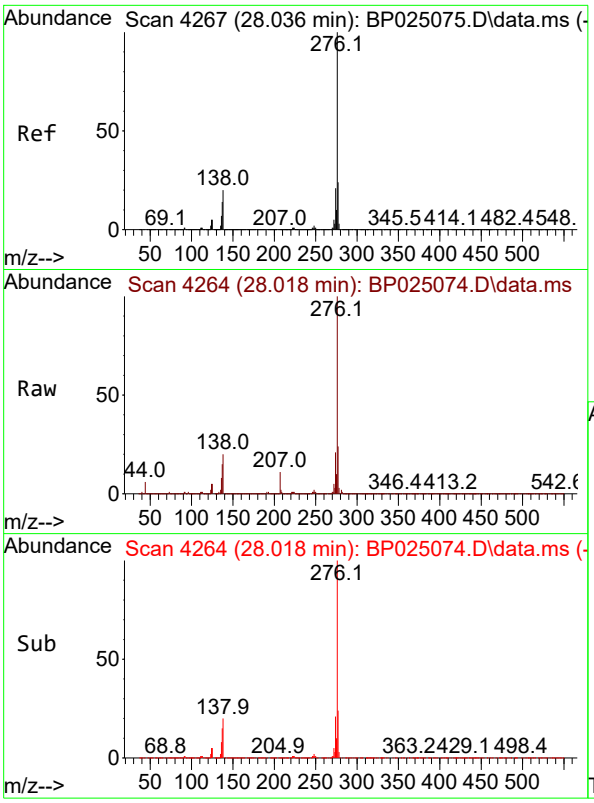


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:264 Resp: 2243019

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.1	17.7	26.5



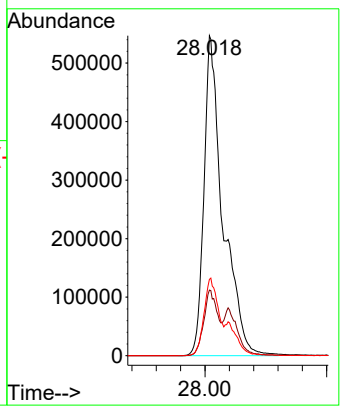


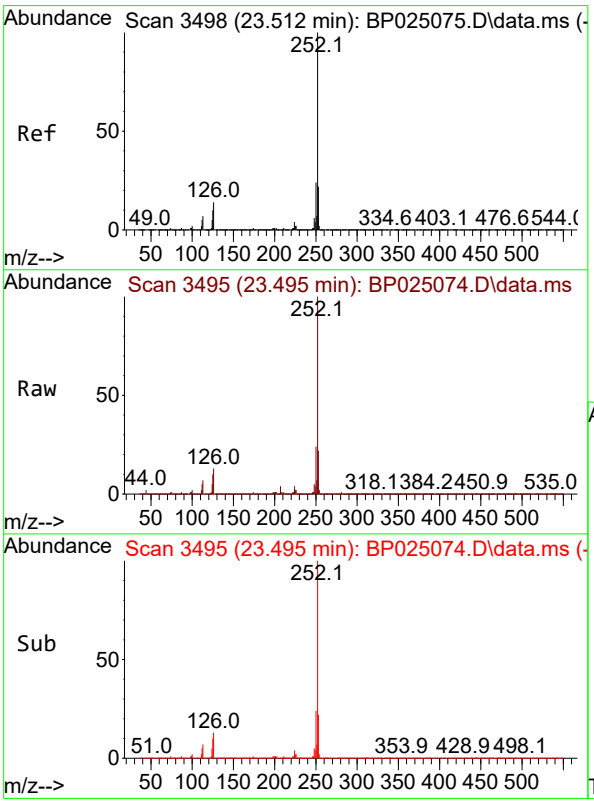
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.677 ng
RT: 28.018 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 2955341

Ion	Ratio	Lower	Upper
276	100		
138	14.7	13.0	19.6
277	18.4	15.9	23.9

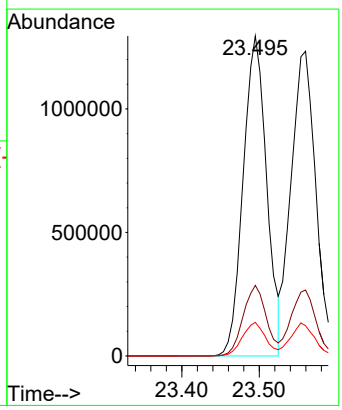


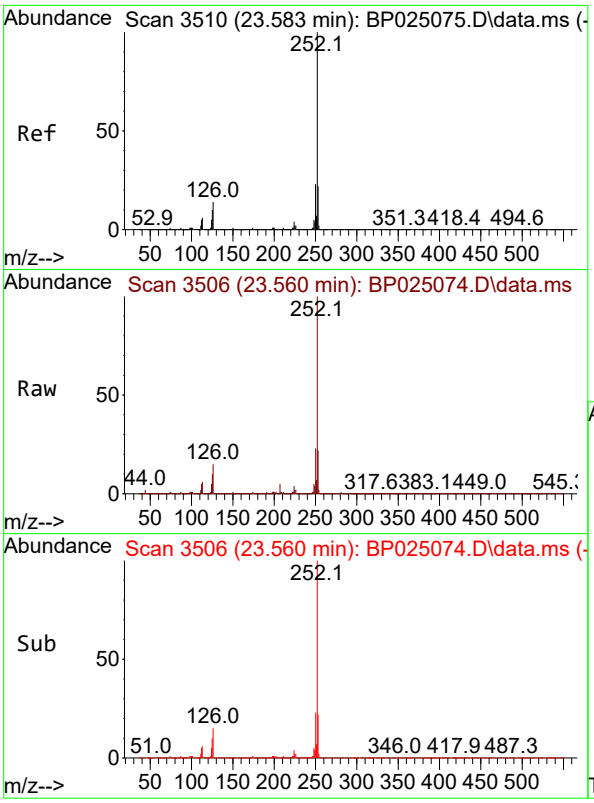


#88
Benzo(b)fluoranthene
Concen: 20.872 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.018 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 2724905

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.5	8.1	12.1



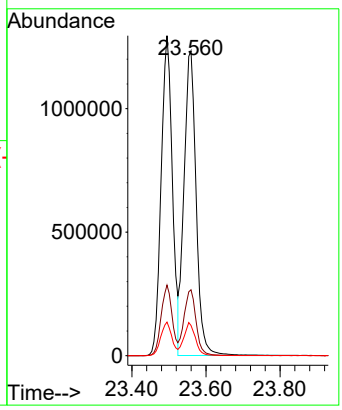


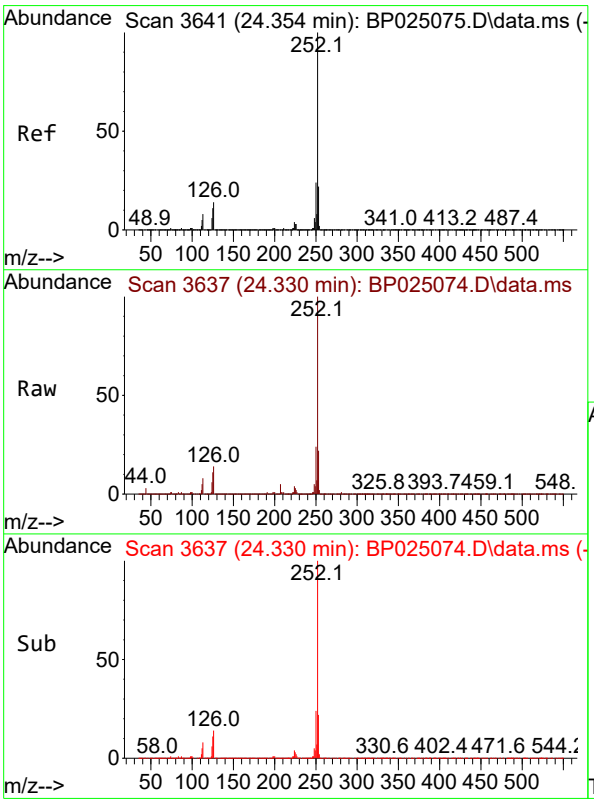
#89
Benzo(k)fluoranthene
Concen: 21.560 ng
RT: 23.560 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 2800667

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.9	8.2	12.2

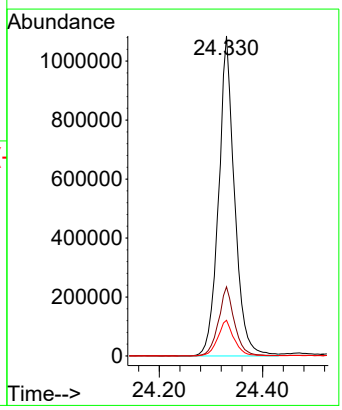


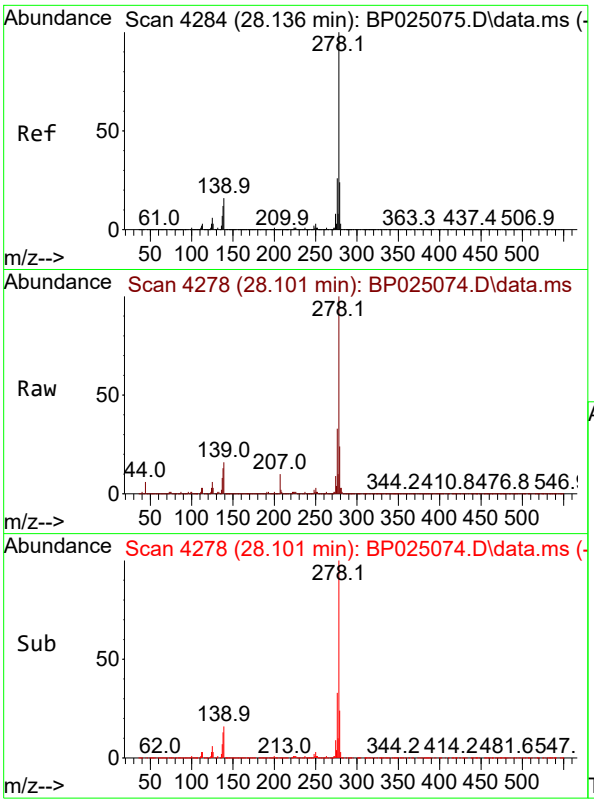


#90
Benzo(a)pyrene
Concen: 20.892 ng
RT: 24.330 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:252 Resp: 2321462

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.2	9.0	13.4



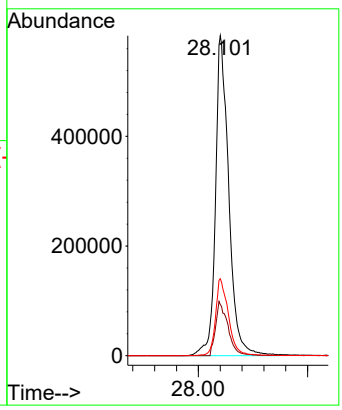


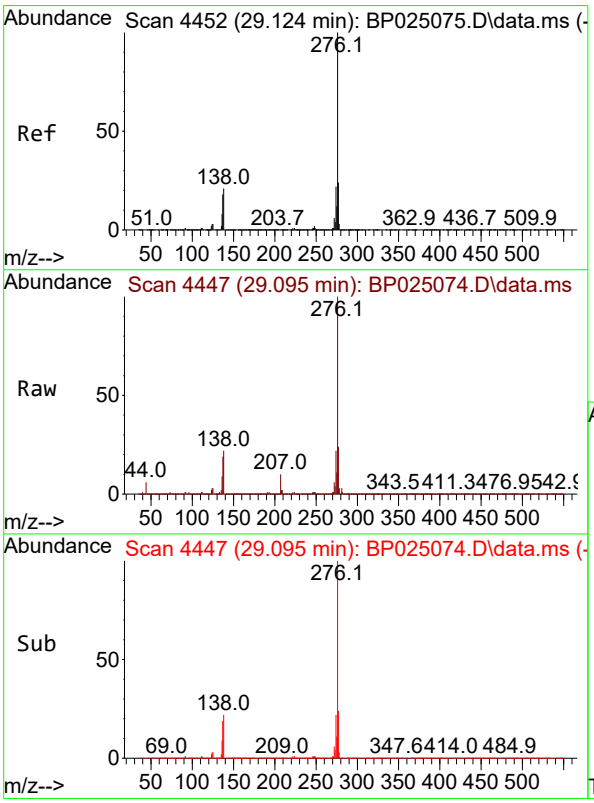
#91
Dibenzo(a,h)anthracene
Concen: 20.842 ng
RT: 28.101 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 2461745

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	24.1	18.9	28.3

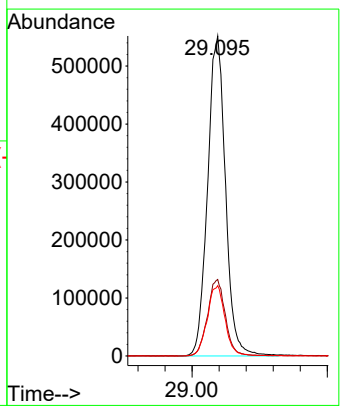




#92
Benzo(g,h,i)perylene
Concen: 20.695 ng
RT: 29.095 min Scan# 4447
Delta R.T. -0.029 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

Tgt Ion:276 Resp: 2525145

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	22.0	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	390810	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1560152	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1003103	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2062708	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2262594	20.000	ng	0.00
86) Perylene-d12	24.495	264	2431657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1772070	80.342	ng	0.00
7) Phenol-d6	6.631	99	2279753	79.204	ng	0.00
23) Nitrobenzene-d5	8.566	82	1914639	81.616	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	987112	83.301	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	5132522	79.265	ng	0.00
79) Terphenyl-d14	19.672	244	8276493	80.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	339998	39.642	ng	100
3) Pyridine	3.490	79	959760	40.903	ng	100
4) n-Nitrosodimethylamine	3.408	42	395498	39.780	ng	100
6) Aniline	6.784	93	1084746	40.335	ng	100
8) 2-Chlorophenol	7.019	128	981576	39.775	ng	100
9) Benzaldehyde	6.602	77	565720	37.634	ng	100
10) Phenol	6.655	94	1150792	39.348	ng	100
11) bis(2-Chloroethyl)ether	6.890	93	876880	38.958	ng	100
12) 1,3-Dichlorobenzene	7.337	146	1077716	39.020	ng	100
13) 1,4-Dichlorobenzene	7.472	146	1093628	39.109	ng	100
14) 1,2-Dichlorobenzene	7.784	146	1054645	39.206	ng	100
15) Benzyl Alcohol	7.672	79	748226	38.947	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1120385	38.282	ng	100
17) 2-Methylphenol	7.872	107	757253	40.195	ng	100
18) Hexachloroethane	8.496	117	359924	39.510	ng	100
19) n-Nitroso-di-n-propyla...	8.237	70	676070	39.605	ng	100
20) 3+4-Methylphenols	8.196	107	1042619	39.511	ng	100
22) Acetophenone	8.243	105	1451215	39.332	ng	100
24) Nitrobenzene	8.607	77	966724	40.457	ng	100
25) Isophorone	9.131	82	1742244	39.740	ng	100
26) 2-Nitrophenol	9.313	139	416304	36.734	ng	100
27) 2,4-Dimethylphenol	9.384	122	649221	39.698	ng	100
28) bis(2-Chloroethoxy)met...	9.619	93	1166063	39.172	ng	100
29) 2,4-Dichlorophenol	9.837	162	932551	41.124	ng	100
30) 1,2,4-Trichlorobenzene	10.060	180	995067	39.625	ng	100
31) Naphthalene	10.231	128	3155257	39.276	ng	100
32) Benzoic acid	9.501	122	581334	38.533	ng	100
33) 4-Chloroaniline	10.343	127	1217057	40.595	ng	100
34) Hexachlorobutadiene	10.537	225	567921	39.409	ng	100
35) Caprolactam	11.107	113	313947	40.469	ng	100
36) 4-Chloro-3-methylphenol	11.484	107	965263	40.733	ng	100
37) 2-Methylnaphthalene	11.860	142	2240648	39.530	ng	100
38) 1-Methylnaphthalene	12.084	142	2158945	39.054	ng	100
40) 1,2,4,5-Tetrachloroben...	12.243	216	1164588	40.396	ng	100
41) Hexachlorocyclopentadiene	12.237	237	298913	39.695	ng	100
43) 2,4,6-Trichlorophenol	12.484	196	741839	42.497	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	824324	41.668	ng	100
46) 1,1'-Biphenyl	12.907	154	2916222	39.957	ng	100
47) 2-Chloronaphthalene	12.942	162	2188234	39.891	ng	100
48) 2-Nitroaniline	13.142	65	519267	39.182	ng	100
49) Acenaphthylene	13.801	152	3413485	40.657	ng	100
50) Dimethylphthalate	13.554	163	2825141	40.234	ng	100
51) 2,6-Dinitrotoluene	13.660	165	592325	43.253	ng	100
52) Acenaphthene	14.154	154	2139419	39.537	ng	100
53) 3-Nitroaniline	13.984	138	644835	43.937	ng	100
54) 2,4-Dinitrophenol	14.195	184	234827	38.110	ng	100
55) Dibenzofuran	14.507	168	3547100	39.719	ng	100
56) 4-Nitrophenol	14.301	139	572405	42.263	ng	100
57) 2,4-Dinitrotoluene	14.466	165	785486	39.572	ng	100
58) Fluorene	15.166	166	2794372	40.454	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.731	232	742726	41.458	ng	100
60) Diethylphthalate	14.960	149	2866041	40.639	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1361531	39.829	ng	100
62) 4-Nitroaniline	15.184	138	686633	44.618	ng	100
63) Azobenzene	15.478	77	2537142	40.400	ng	100
65) 4,6-Dinitro-2-methylph...	15.248	198	335740	37.190	ng	100
66) n-Nitrosodiphenylamine	15.389	169	2365317	40.069	ng	100
67) 4-Bromophenyl-phenylether	16.095	248	843967	39.961	ng	100
68) Hexachlorobenzene	16.201	284	1020715	39.541	ng	100
69) Atrazine	16.383	200	711320	41.121	ng	100
70) Pentachlorophenol	16.548	266	707874	40.604	ng	100
71) Phenanthrene	16.954	178	4407982	39.993	ng	100
72) Anthracene	17.048	178	4275492	40.434	ng	100
73) Carbazole	17.325	167	4245502	41.064	ng	100
74) Di-n-butylphthalate	17.960	149	4897263	42.536	ng	100
75) Fluoranthene	19.066	202	5320900	41.300	ng	100
77) Benzidine	19.266	184	2584906	64.686	ng	100
78) Pyrene	19.436	202	5572652	39.765	ng	100
80) Butylbenzylphthalate	20.430	149	1993151	37.765	ng	100
81) Benzo(a)anthracene	21.324	228	5507840	40.169	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	1763991	42.735	ng	100
83) Chrysene	21.389	228	5244045	39.742	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	3179611	43.232	ng	100
85) Di-n-octyl phthalate	22.560	149	4951836	38.152	ng	100
87) Indeno(1,2,3-cd)pyrene	28.036	276	6474467m	41.785	ng	
88) Benzo(b)fluoranthene	23.512	252	5839482	41.258	ng	100
89) Benzo(k)fluoranthene	23.583	252	5609534	39.833	ng	100
90) Benzo(a)pyrene	24.354	252	5022829	41.697	ng	100
91) Dibenzo(a,h)anthracene	28.136	278	5336147	41.673	ng	100
92) Benzo(g,h,i)perylene	29.124	276	5482072	41.443	ng	100

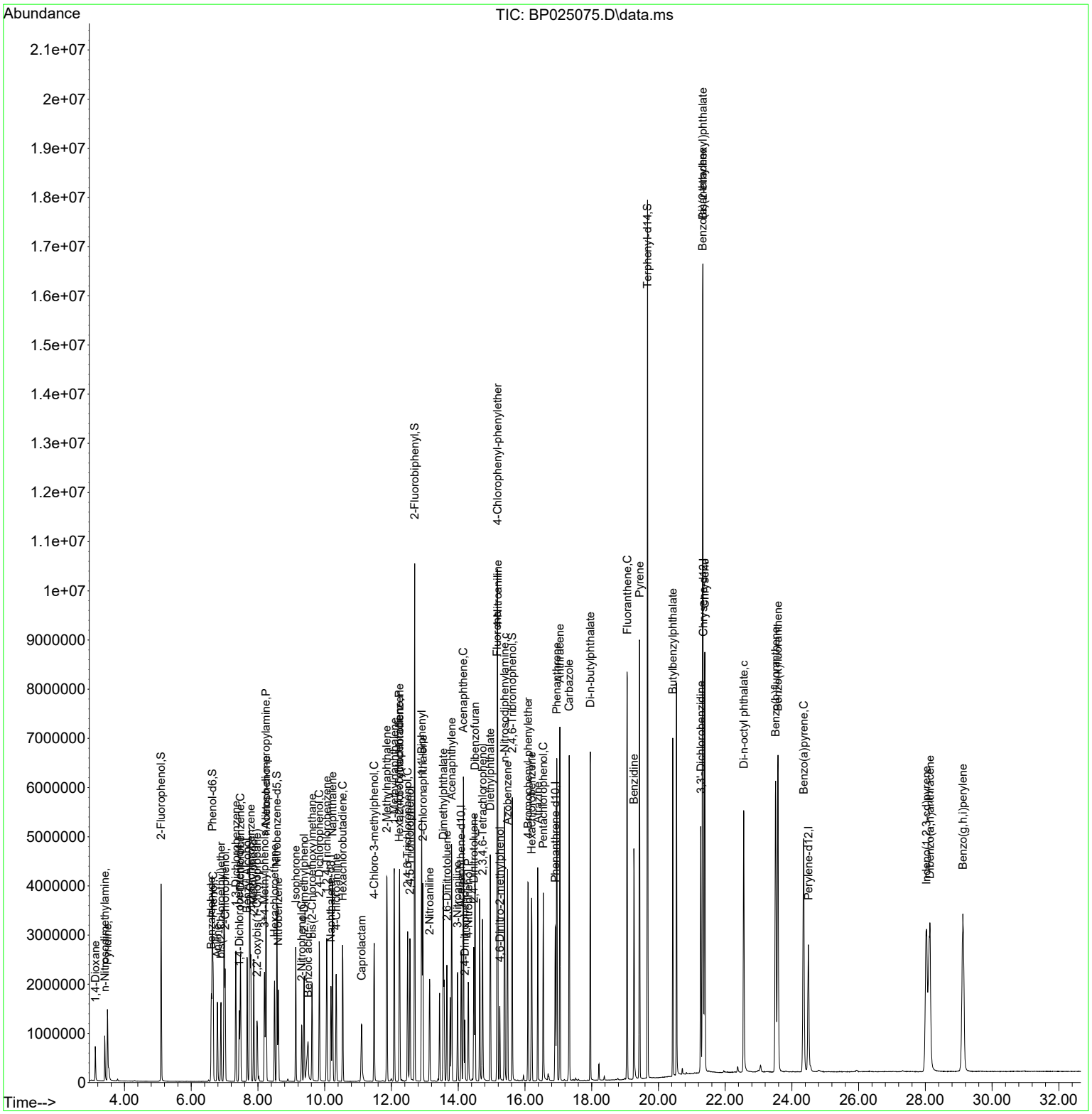
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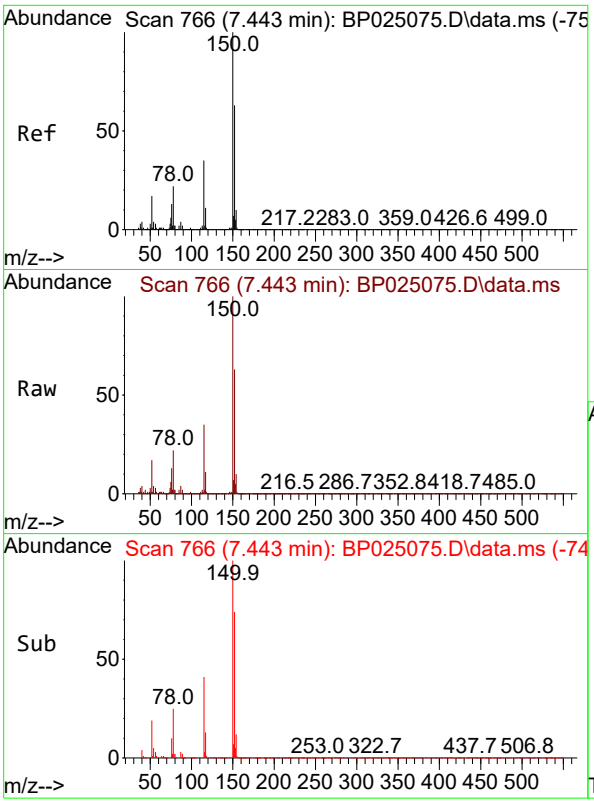
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 03 15:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



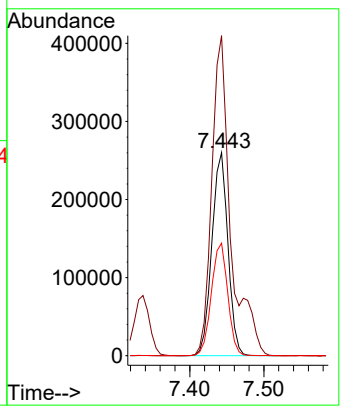


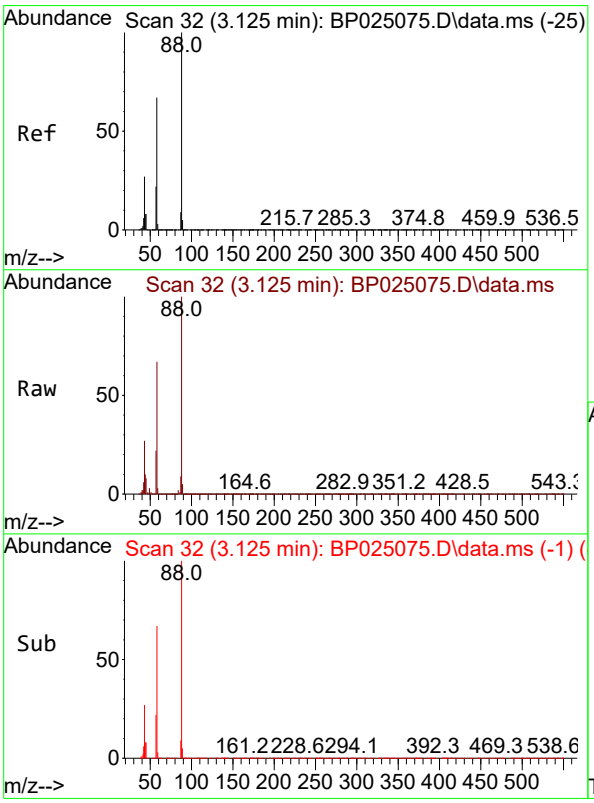
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 390810

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.1	189.1
115	55.4	44.3	66.5

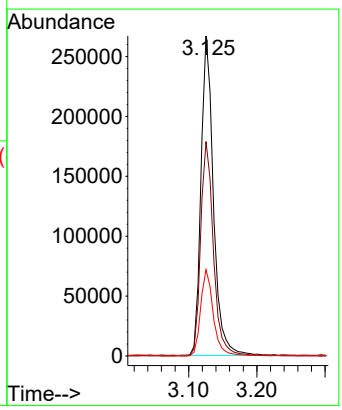


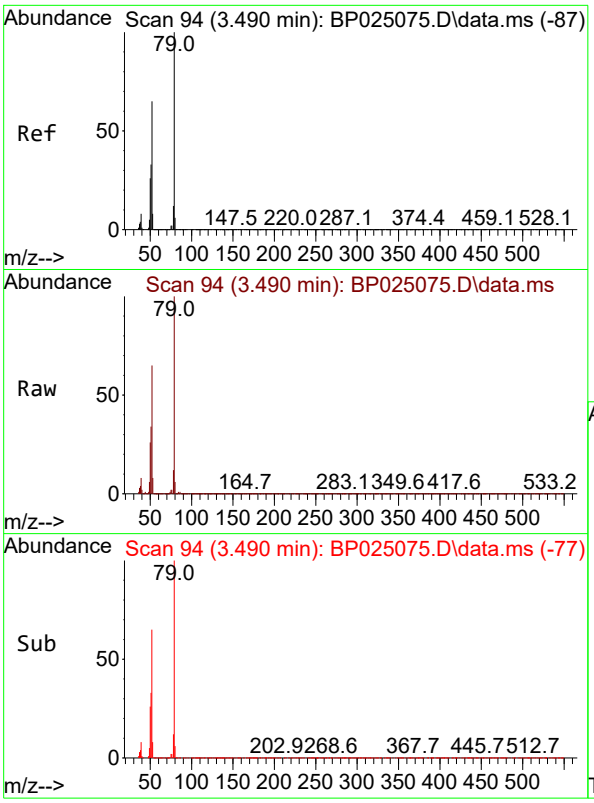


#2
1,4-Dioxane
Concen: 39.642 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 88 Resp: 339998

Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.0	82.4
43	27.4	21.9	32.9



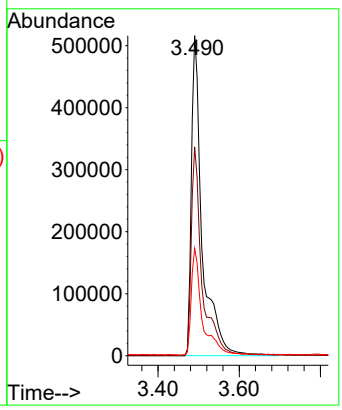


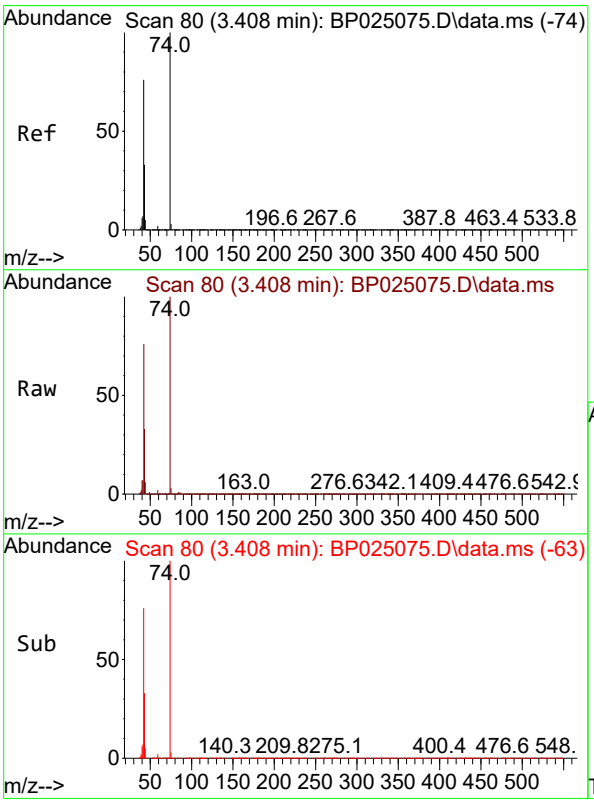
#3
Pyridine
Concen: 40.903 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 959760

Ion	Ratio	Lower	Upper
79	100		
52	65.3	52.2	78.4
51	33.5	26.8	40.2

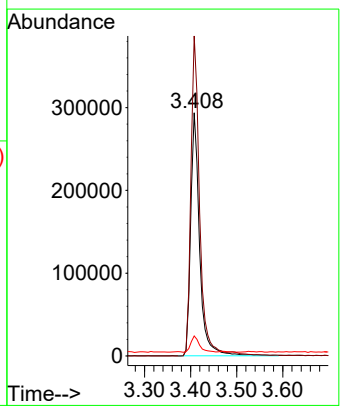


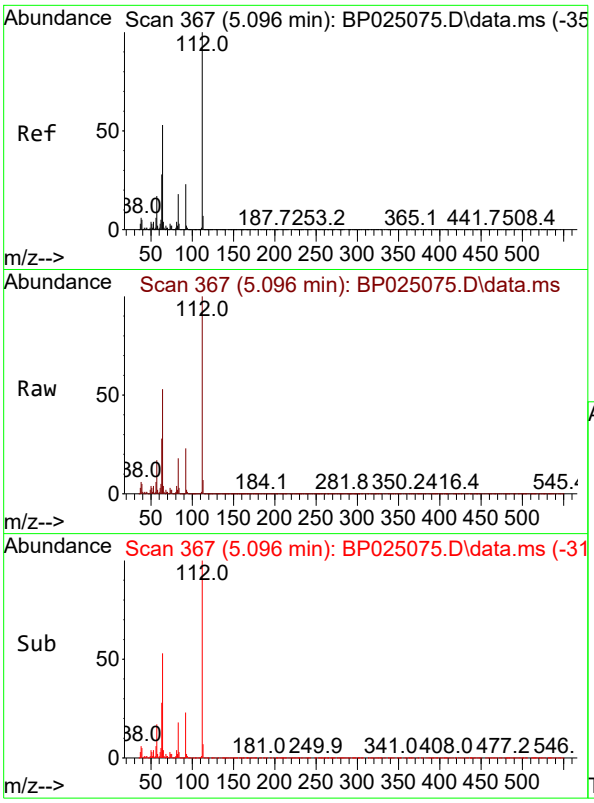


#4
n-Nitrosodimethylamine
Concen: 39.780 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 42 Resp: 395498

Ion	Ratio	Lower	Upper
42	100		
74	131.5	105.2	157.8
44	8.2	6.6	9.8



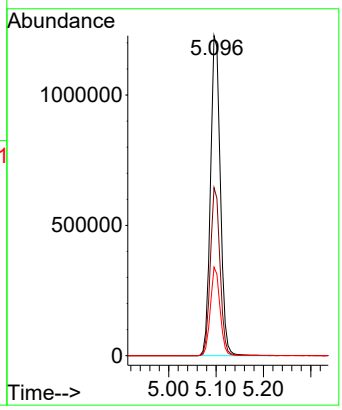


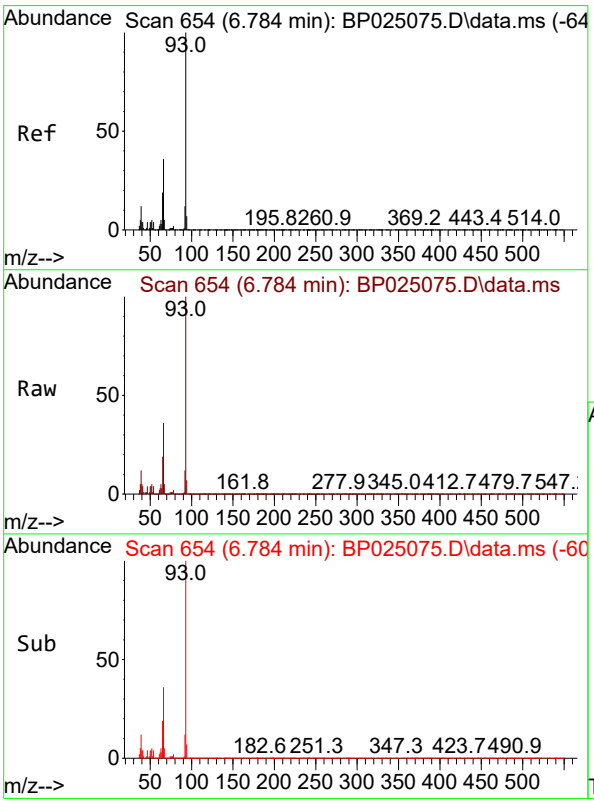
#5
2-Fluorophenol
Concen: 80.342 ng
RT: 5.096 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1772070

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.0	63.0
63	27.7	22.2	33.2

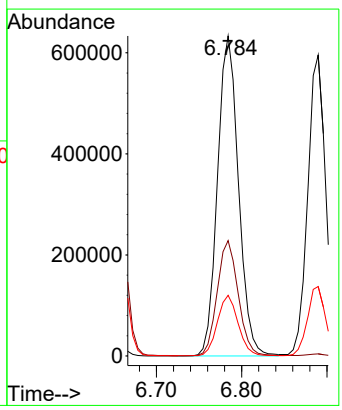


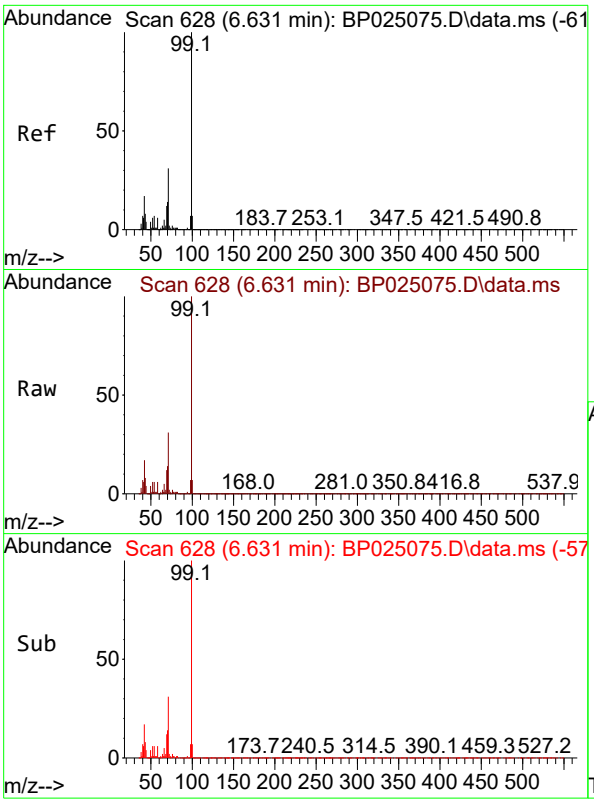


#6
Aniline
Concen: 40.335 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 93 Resp: 1084746

Ion	Ratio	Lower	Upper
93	100		
66	36.1	28.9	43.3
65	19.0	15.2	22.8



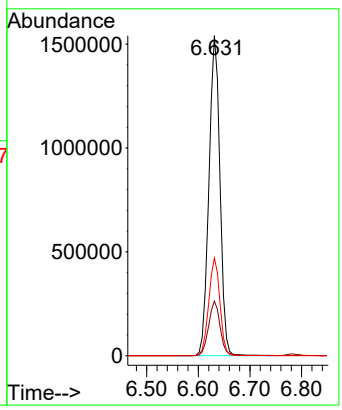


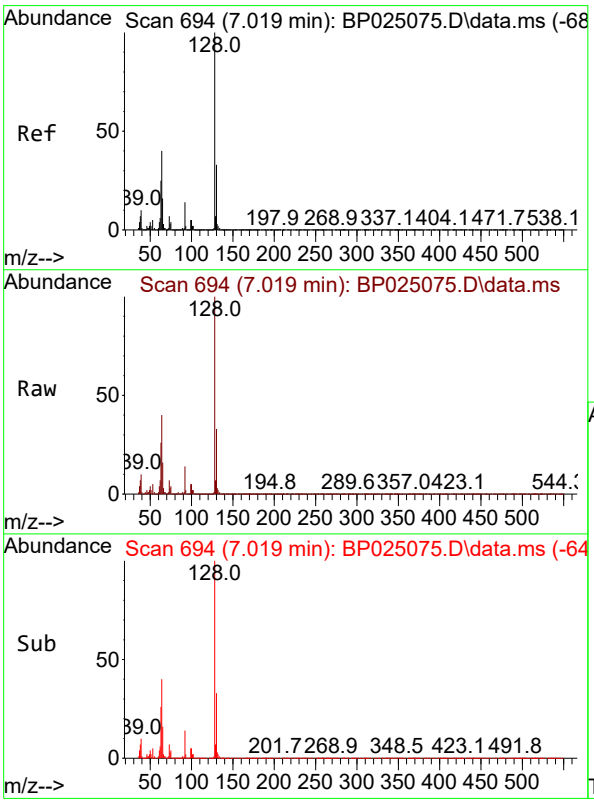
#7
Phenol-d6
Concen: 79.204 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 2279753

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	30.5	24.4	36.6

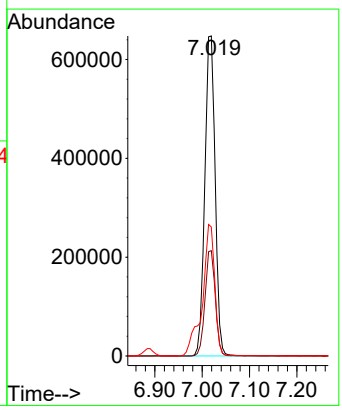


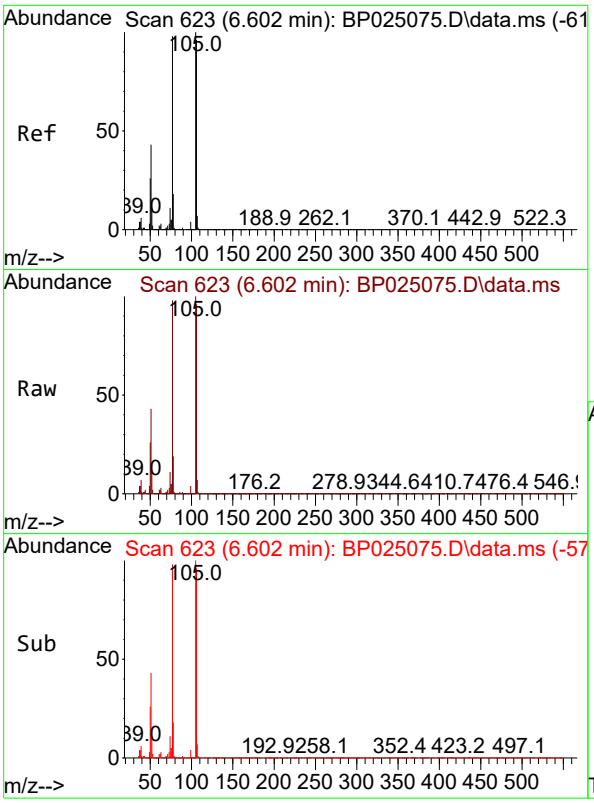


#8
2-Chlorophenol
Concen: 39.775 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:128 Resp: 981576

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	40.3	20.3	60.3



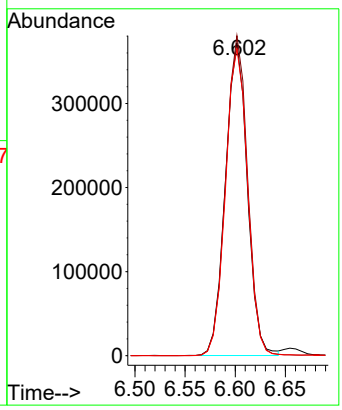


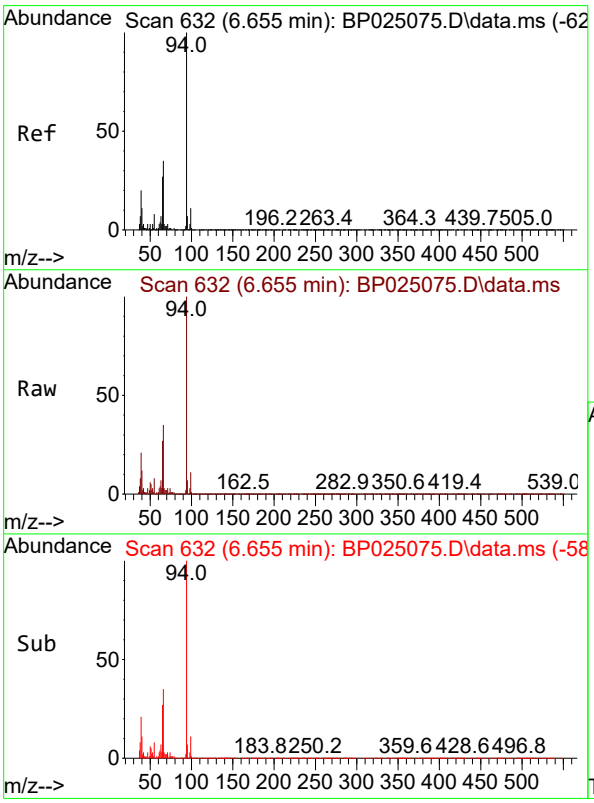
#9
Benzaldehyde
Concen: 37.634 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 565720

Ion	Ratio	Lower	Upper
77	100		
105	102.4	82.4	122.4
106	98.3	78.3	118.3

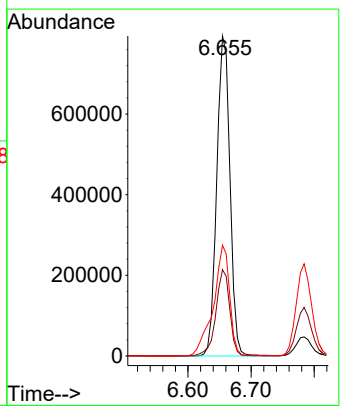


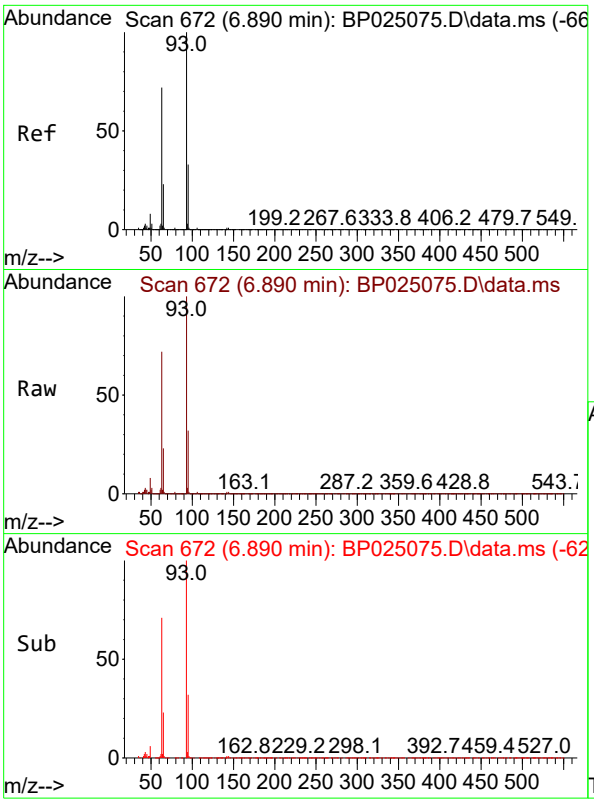


#10
Phenol
Concen: 39.348 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 94 Resp: 1150792

Ion	Ratio	Lower	Upper
94	100		
65	26.9	6.9	46.9
66	34.6	14.6	54.6



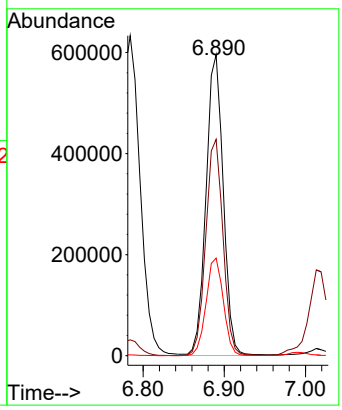


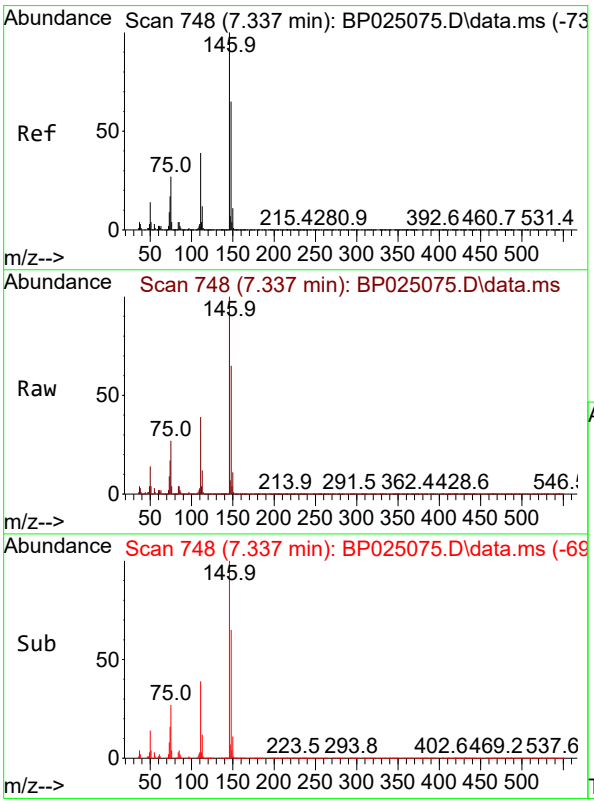
#11
bis(2-Chloroethyl)ether
Concen: 38.958 ng
RT: 6.890 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 876880

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	32.4	12.4	52.4

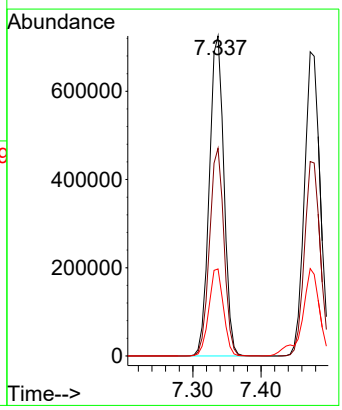


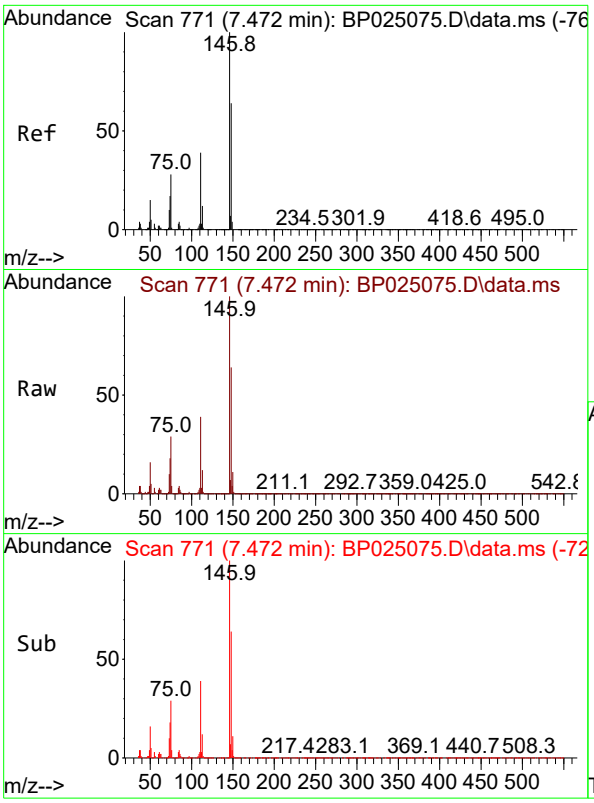


#12
1,3-Dichlorobenzene
Concen: 39.020 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:146 Resp: 1077716

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	27.2	21.8	32.6



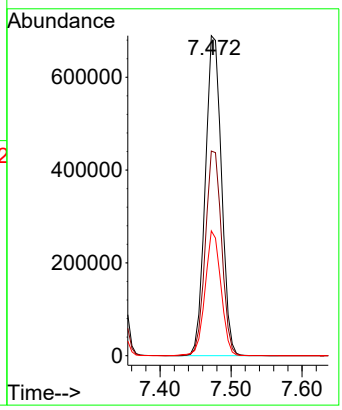


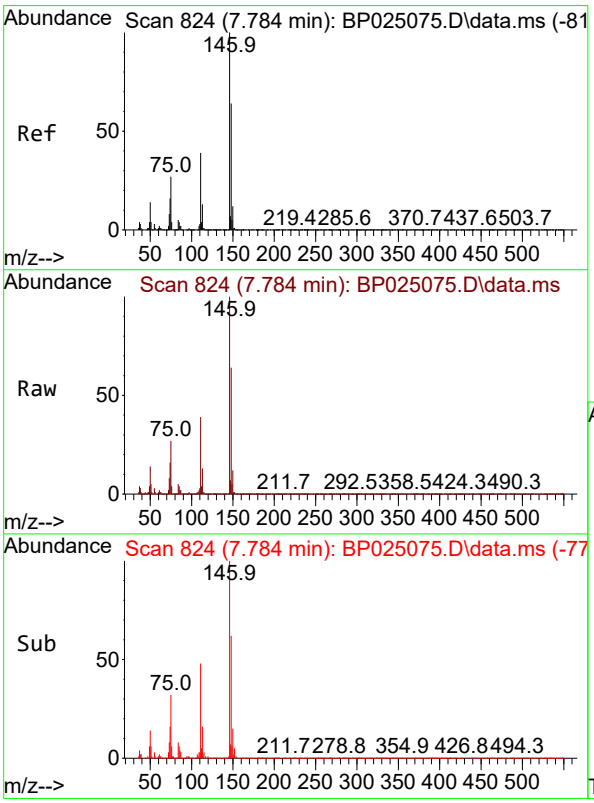
#13
1,4-Dichlorobenzene
Concen: 39.109 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 1093628

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	39.0	31.2	46.8

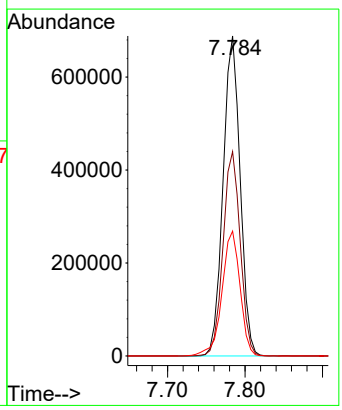


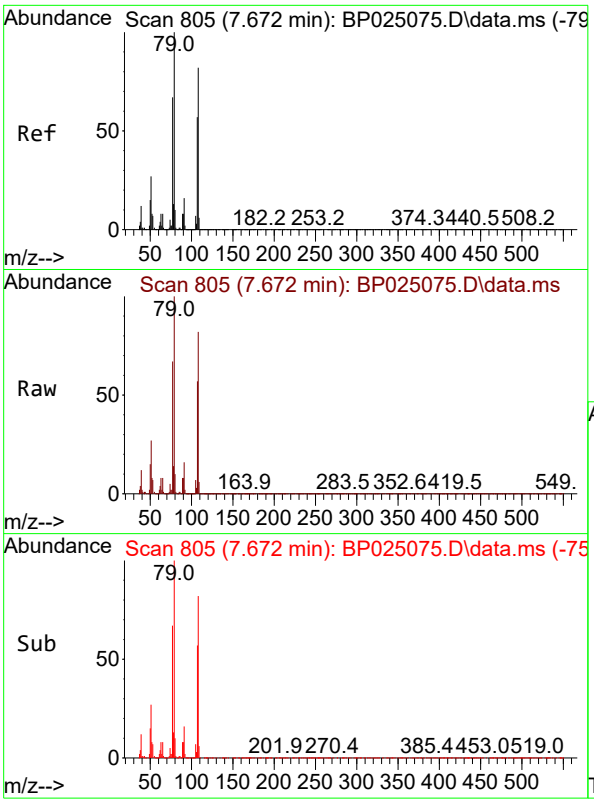


#14
1,2-Dichlorobenzene
Concen: 39.206 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:146 Resp: 1054645

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	39.0	31.2	46.8



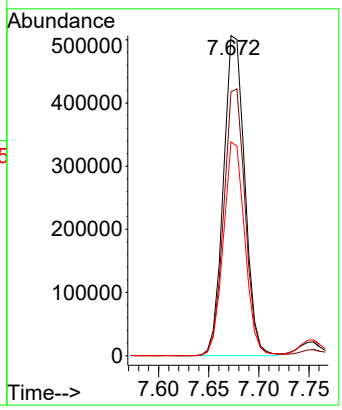


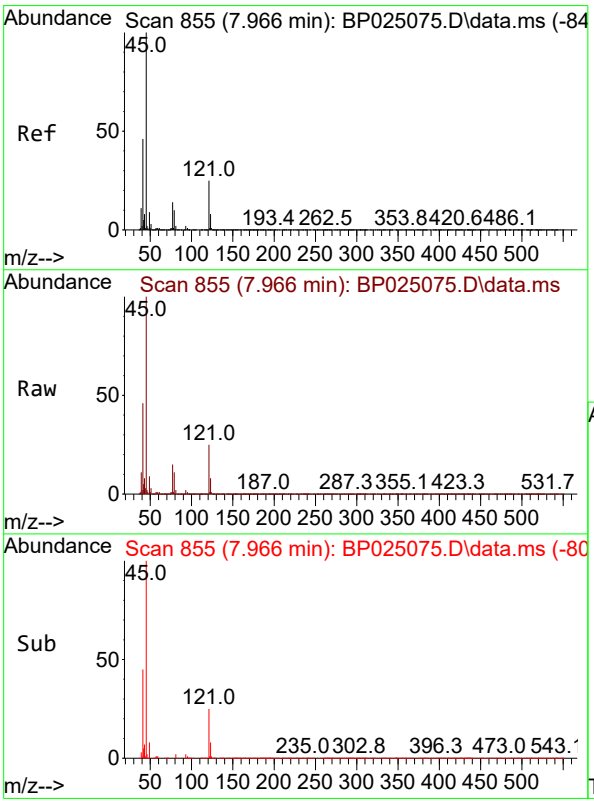
#15
Benzyl Alcohol
Concen: 38.947 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 748226

Ion	Ratio	Lower	Upper
79	100		
108	82.5	66.0	99.0
77	66.8	53.4	80.2

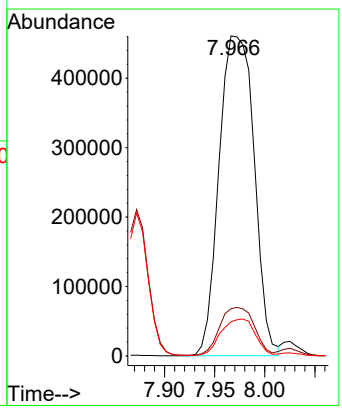


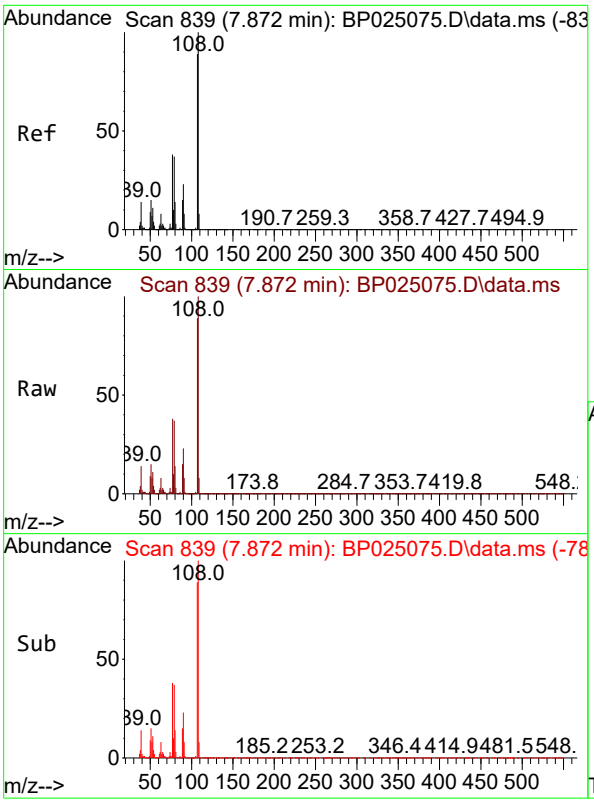


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.282 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 45 Resp: 1120385

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.8
79	10.7	0.0	30.7



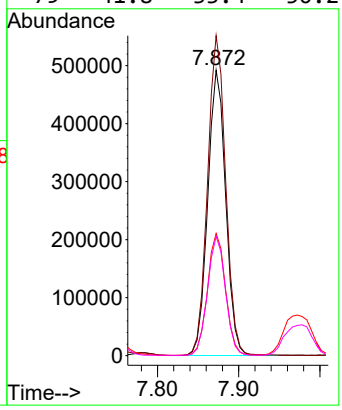


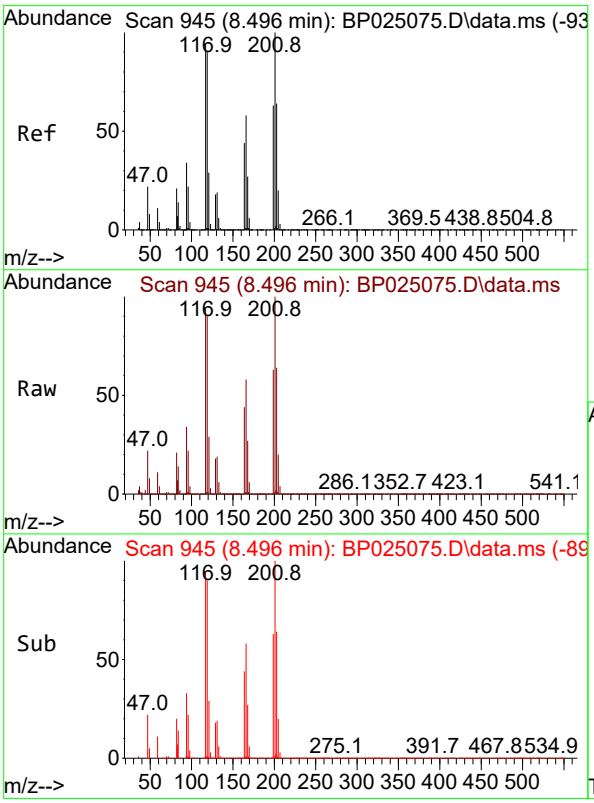
#17
2-Methylphenol
Concen: 40.195 ng
RT: 7.872 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 757253

Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.7	134.5
77	42.8	34.2	51.4
79	41.8	33.4	50.2

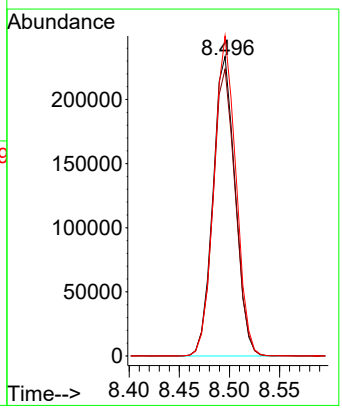


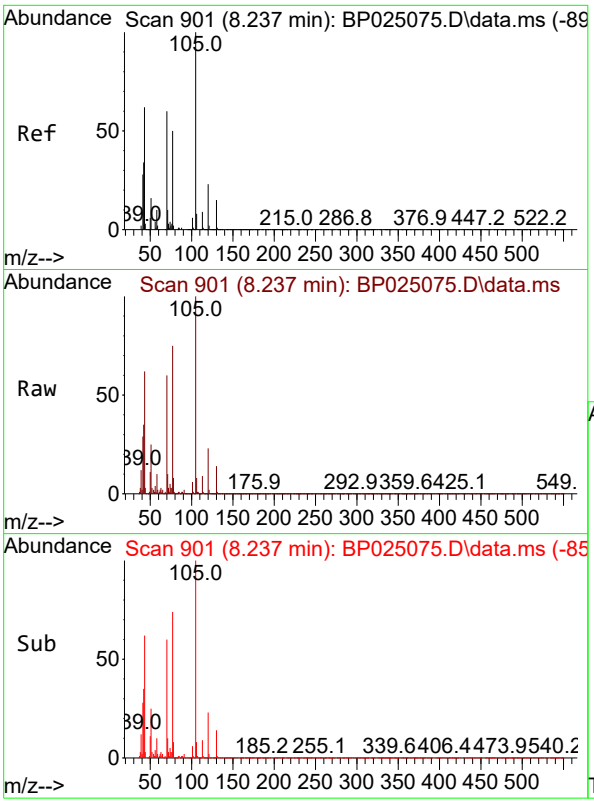


#18
Hexachloroethane
Concen: 39.510 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:117 Resp: 359924

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	106.8	85.4	128.2



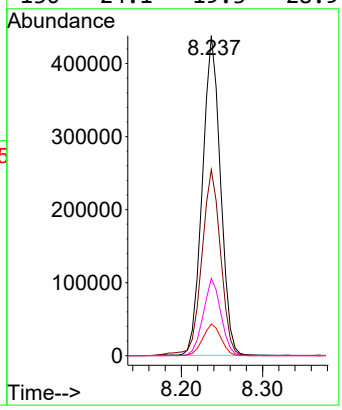


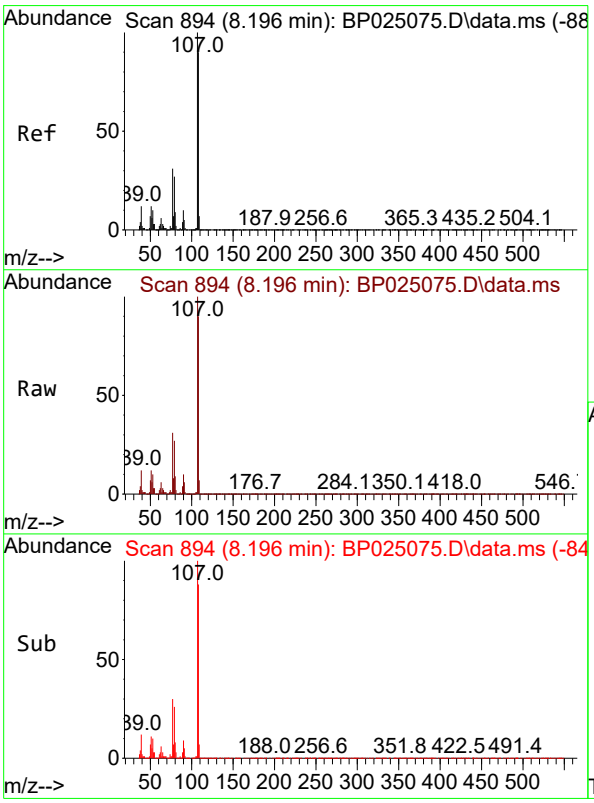
#19
n-Nitroso-di-n-propylamine
Concen: 39.605 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 676070

Ion	Ratio	Lower	Upper
70	100		
42	58.1	46.5	69.7
101	9.9	7.9	11.9
130	24.1	19.3	28.9

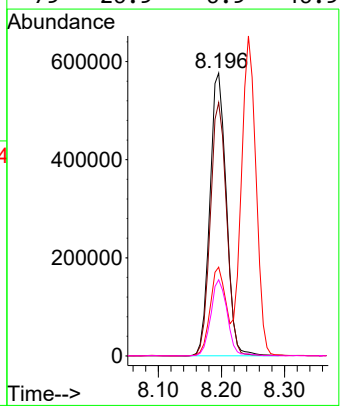


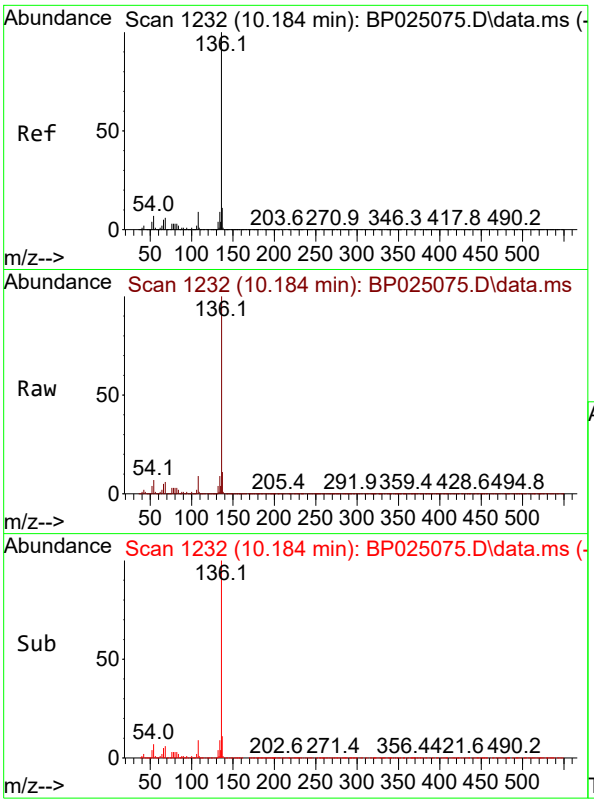


#20
3+4-Methylphenols
Concen: 39.511 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:107 Resp: 1042619

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.5	109.5
77	31.4	11.4	51.4
79	26.9	6.9	46.9



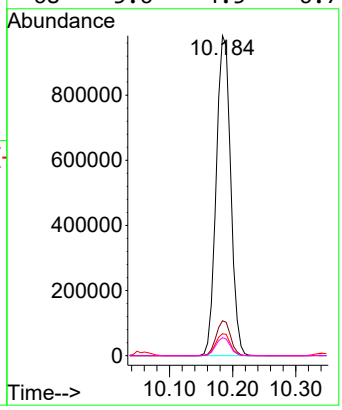


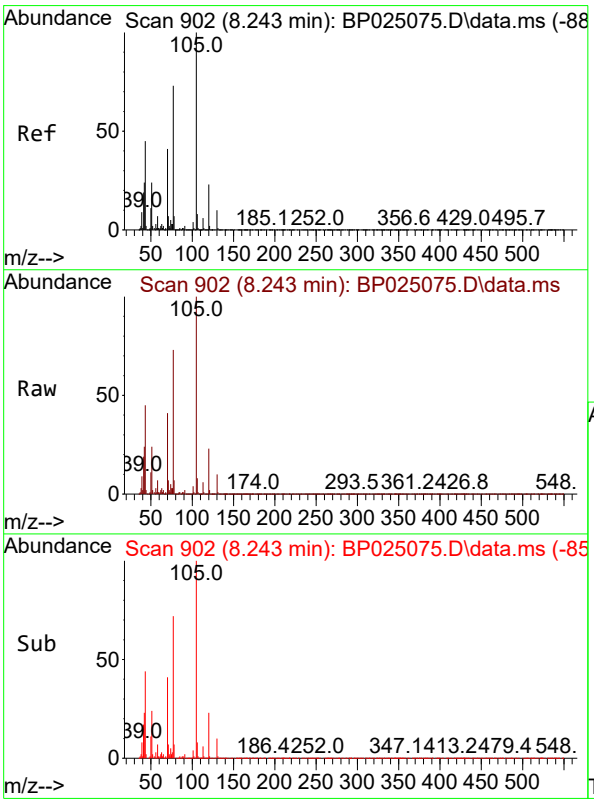
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 1560152

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.4	8.2
68	5.6	4.5	6.7

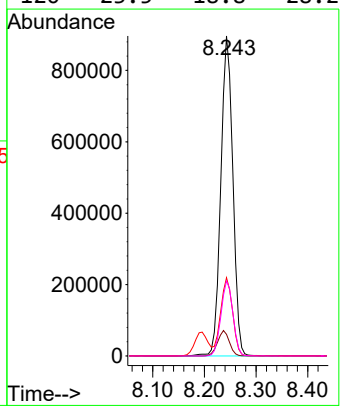


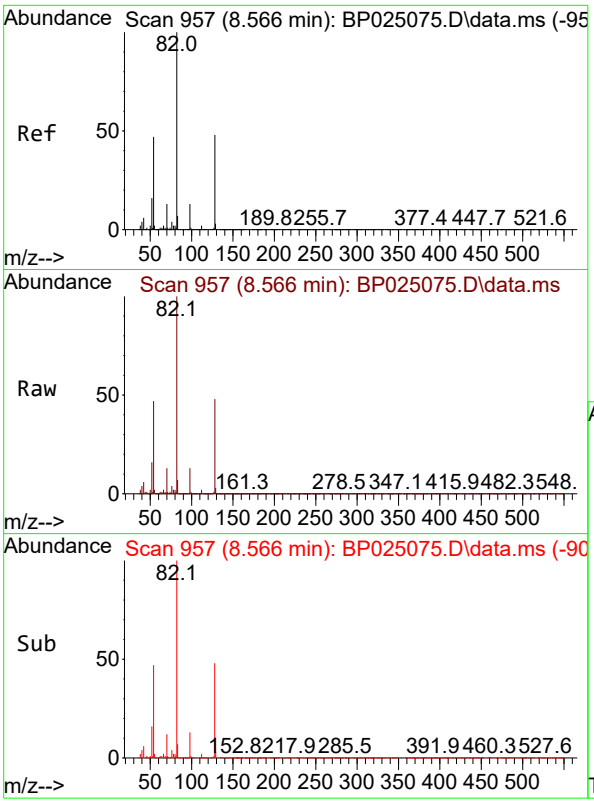


#22
Acetophenone
Concen: 39.332 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:105 Resp: 1451215

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.4	8.2
51	24.5	19.6	29.4
120	23.5	18.8	28.2



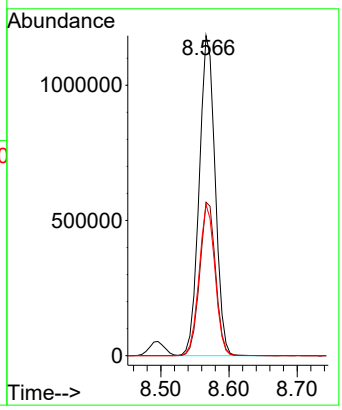


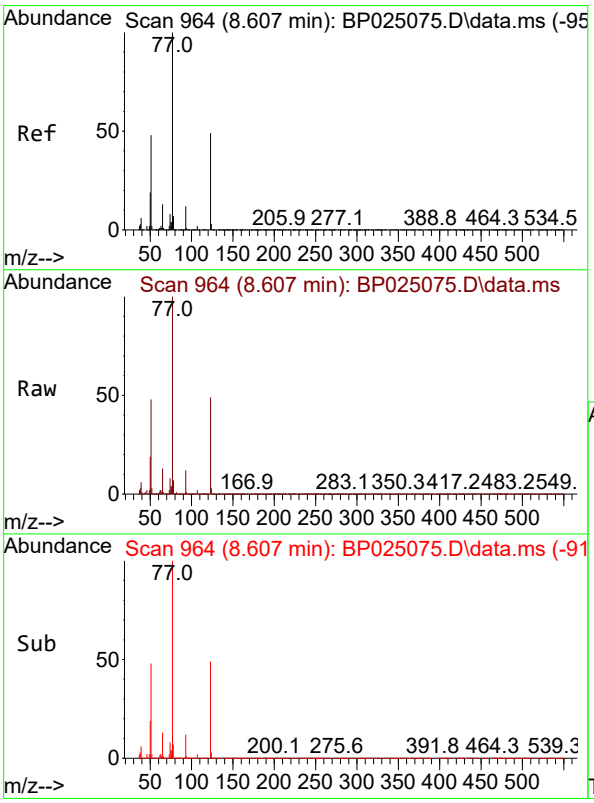
#23
Nitrobenzene-d5
Concen: 81.616 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1914639

Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.4	57.6
54	47.2	37.8	56.6

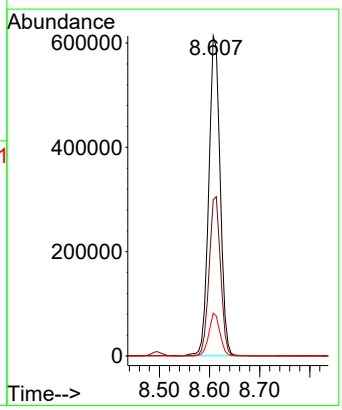


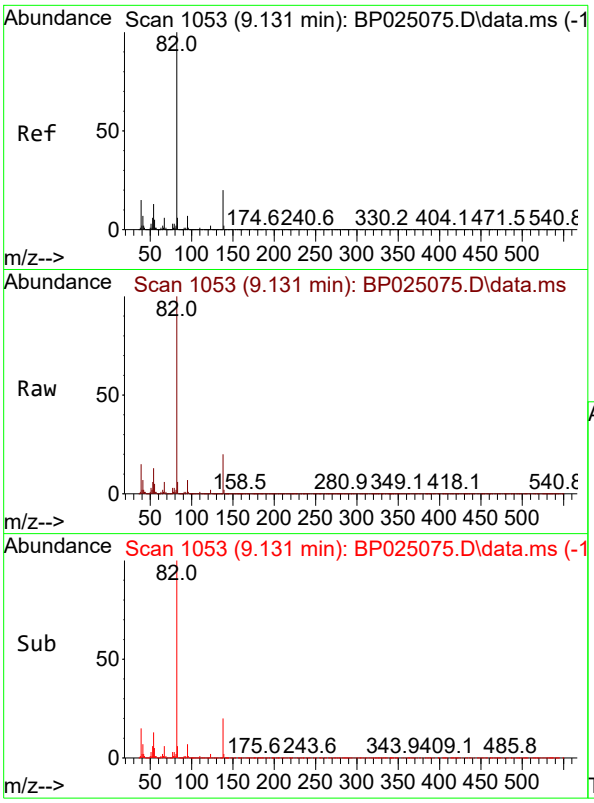


#24
Nitrobenzene
Concen: 40.457 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 77 Resp: 966724

Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.0	58.6
65	13.4	10.7	16.1



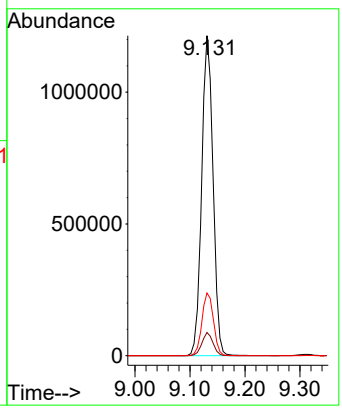


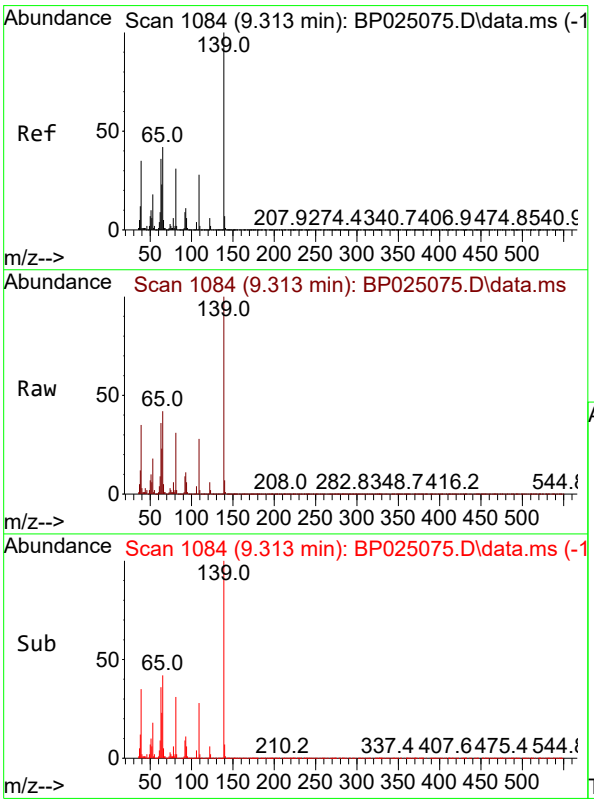
#25
Isophorone
Concen: 39.740 ng
RT: 9.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1742244

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	19.6	15.7	23.5

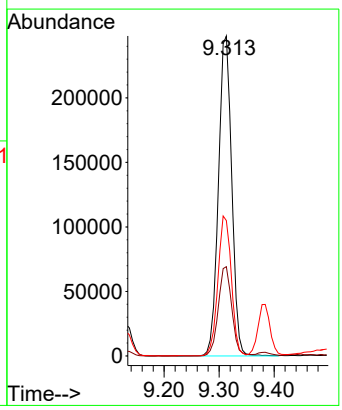


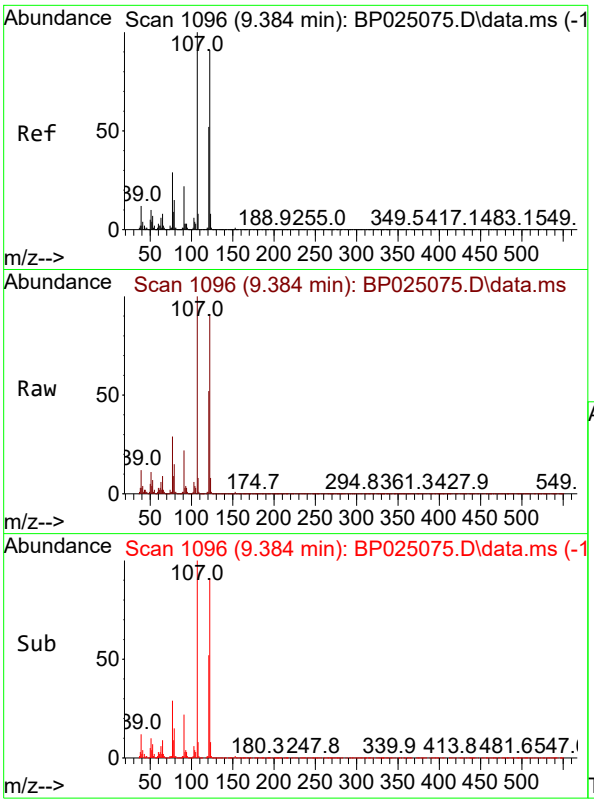


#26
2-Nitrophenol
Concen: 36.734 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:139 Resp: 416304

Ion	Ratio	Lower	Upper
139	100		
109	27.9	22.3	33.5
65	42.3	33.8	50.8



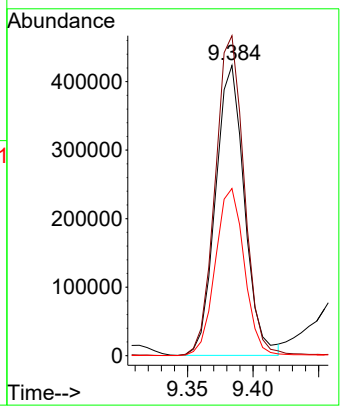


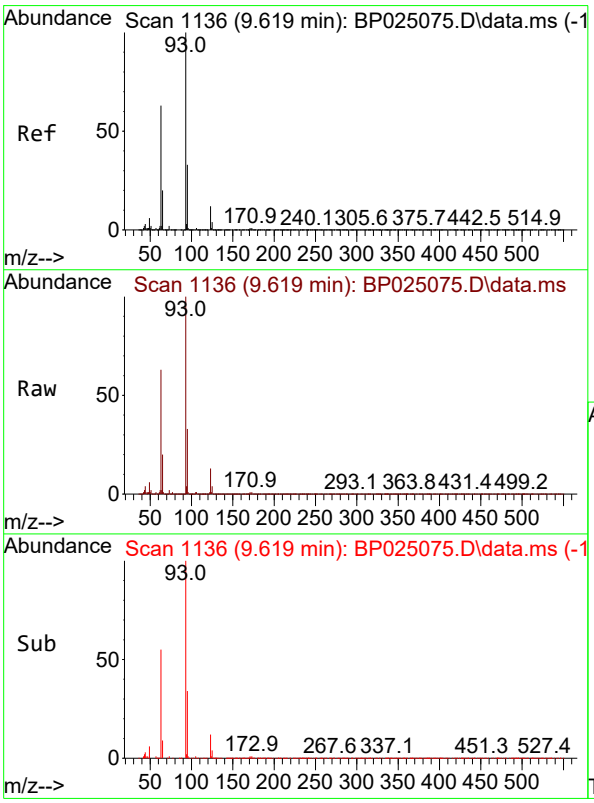
#27
2,4-Dimethylphenol
Concen: 39.698 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 649221

Ion	Ratio	Lower	Upper
122	100		
107	110.2	88.2	132.2
121	57.6	46.1	69.1

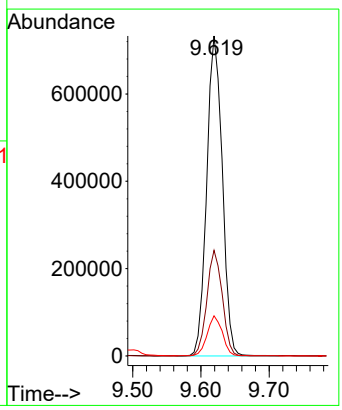


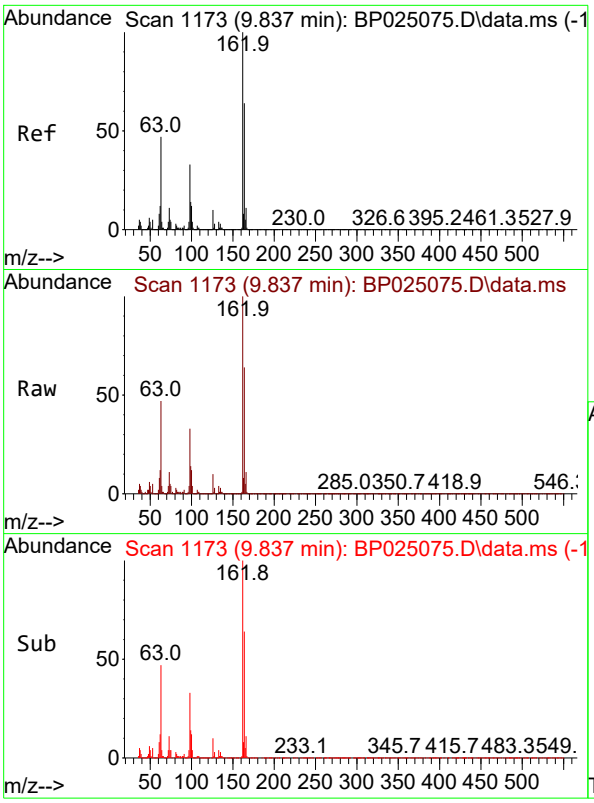


#28
bis(2-Chloroethoxy)methane
Concen: 39.172 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 93 Resp: 1166063

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.6	10.1	15.1



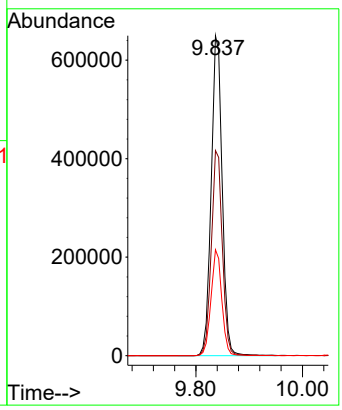


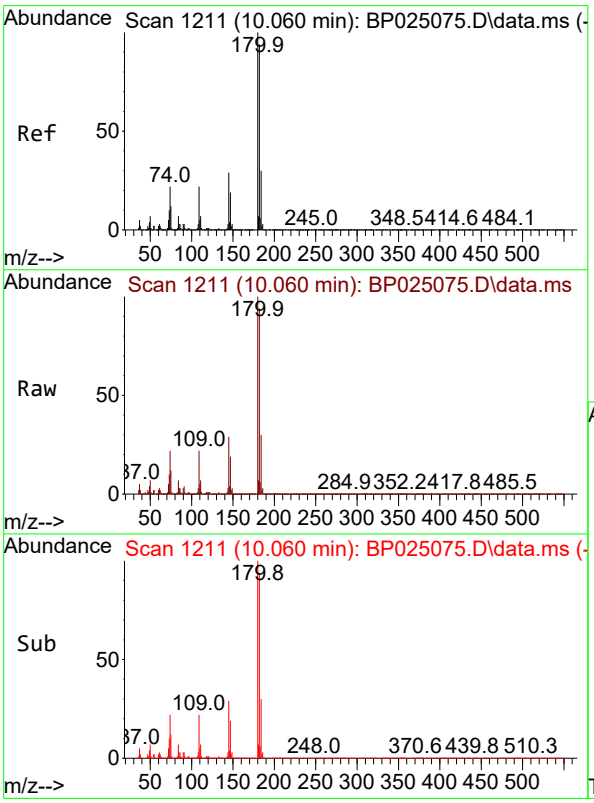
#29
2,4-Dichlorophenol
Concen: 41.124 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 932551

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.1	84.1
98	33.1	13.1	53.1

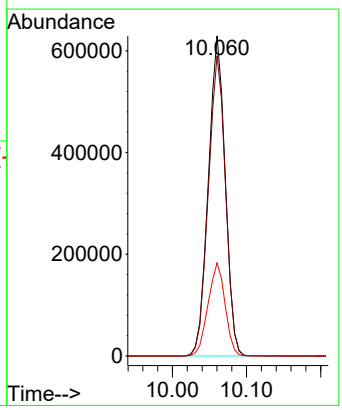


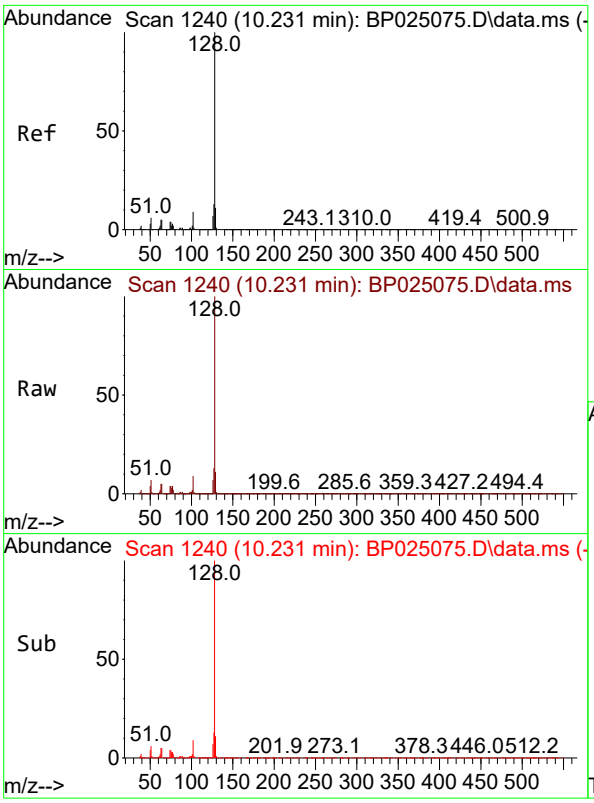


#30
1,2,4-Trichlorobenzene
Concen: 39.625 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:180 Resp: 995067

Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.1	112.7
145	29.1	23.3	34.9



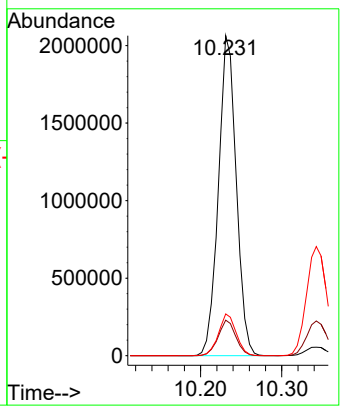


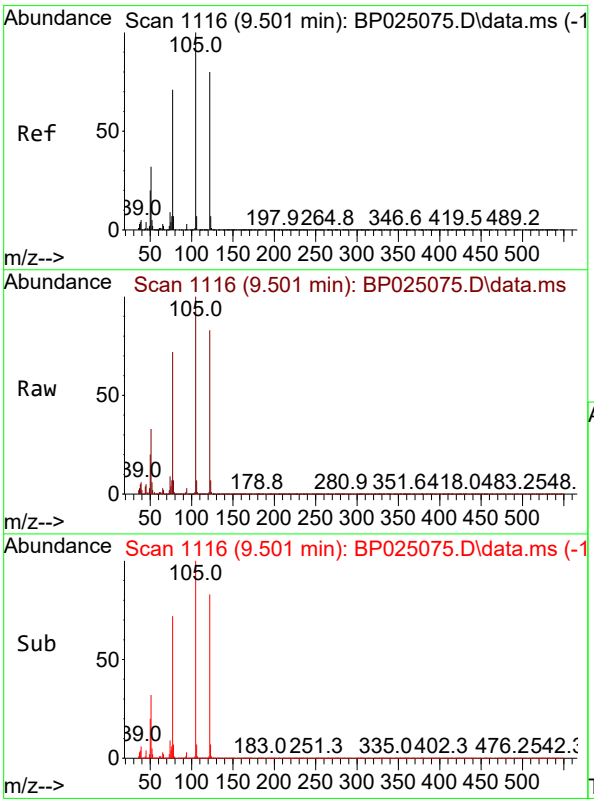
#31
Naphthalene
Concen: 39.276 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 3155257

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.0	10.4	15.6

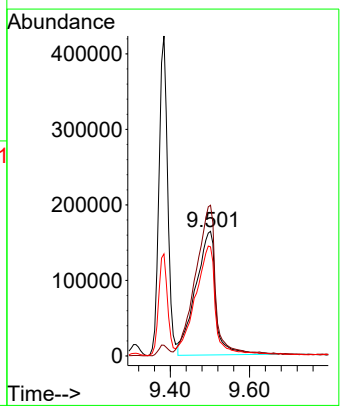


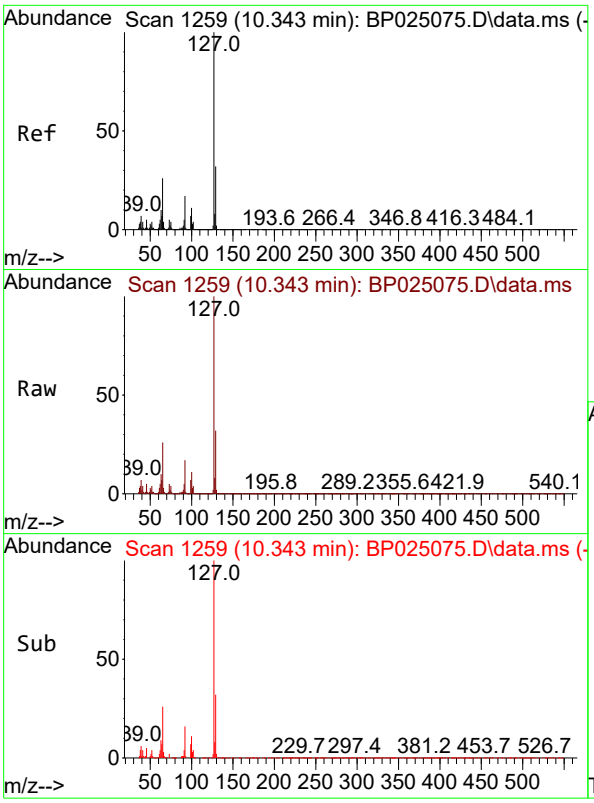


#32
Benzoic acid
Concen: 38.533 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:122 Resp: 581334

Ion	Ratio	Lower	Upper
122	100		
105	121.0	101.0	141.0
77	87.6	67.6	107.6



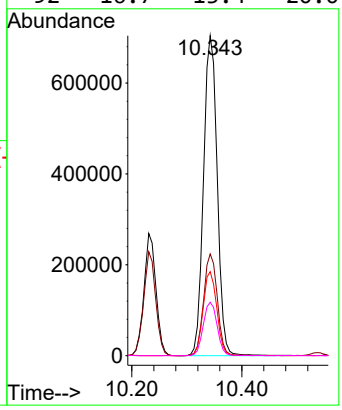


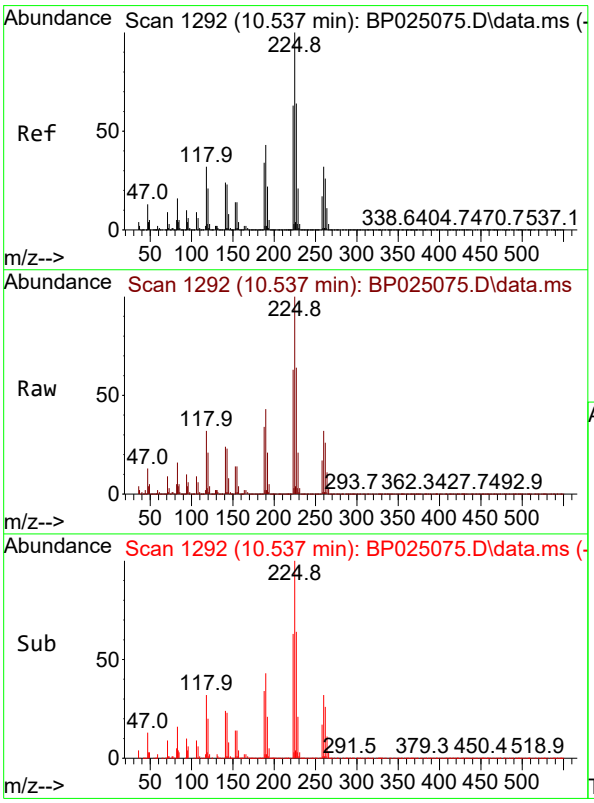
#33
4-Chloroaniline
Concen: 40.595 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 1217057

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	26.3	21.0	31.6
92	16.7	13.4	20.0

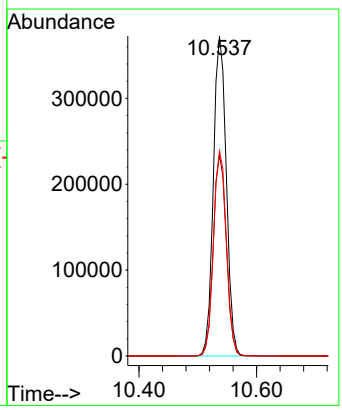


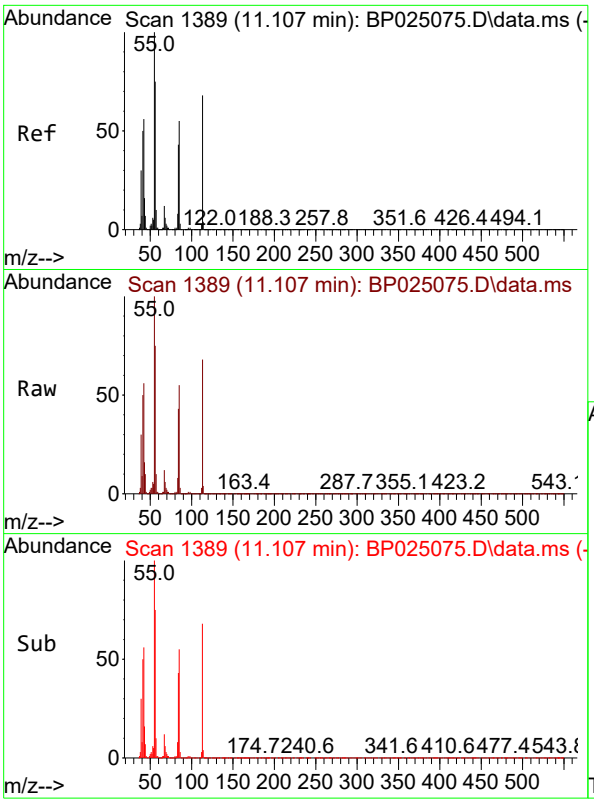


#34
Hexachlorobutadiene
Concen: 39.409 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:225 Resp: 567921

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	64.1	51.3	76.9



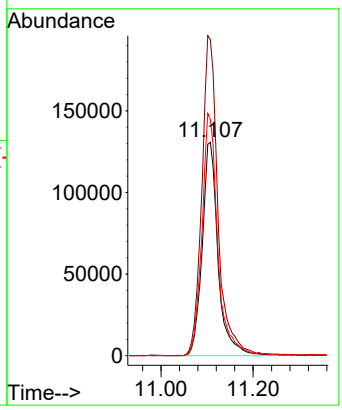


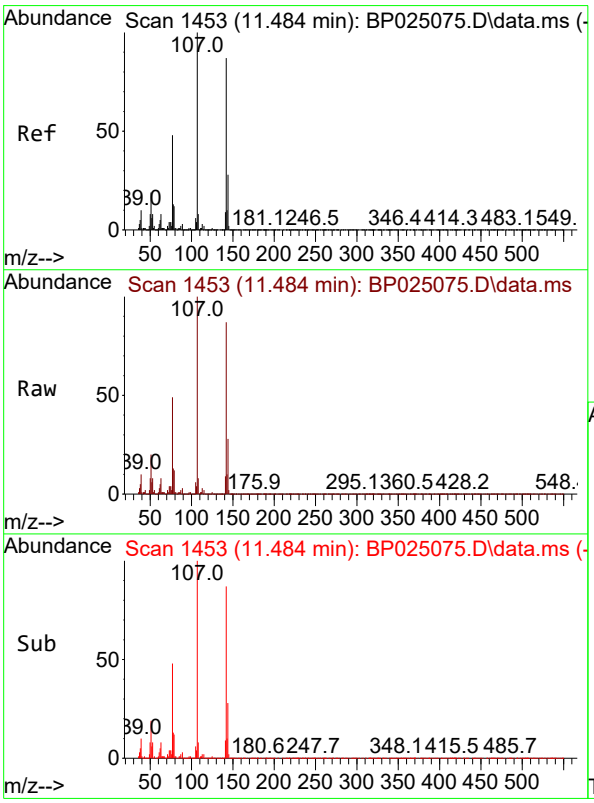
#35
Caprolactam
Concen: 40.469 ng
RT: 11.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 313947

Ion	Ratio	Lower	Upper
113	100		
55	148.1	128.1	168.1
56	110.7	90.7	130.7

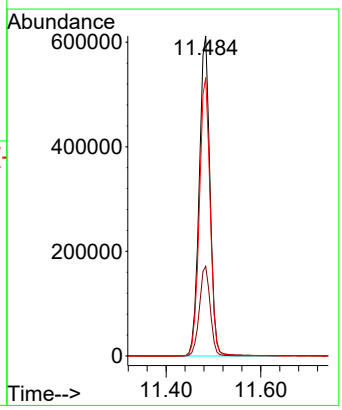


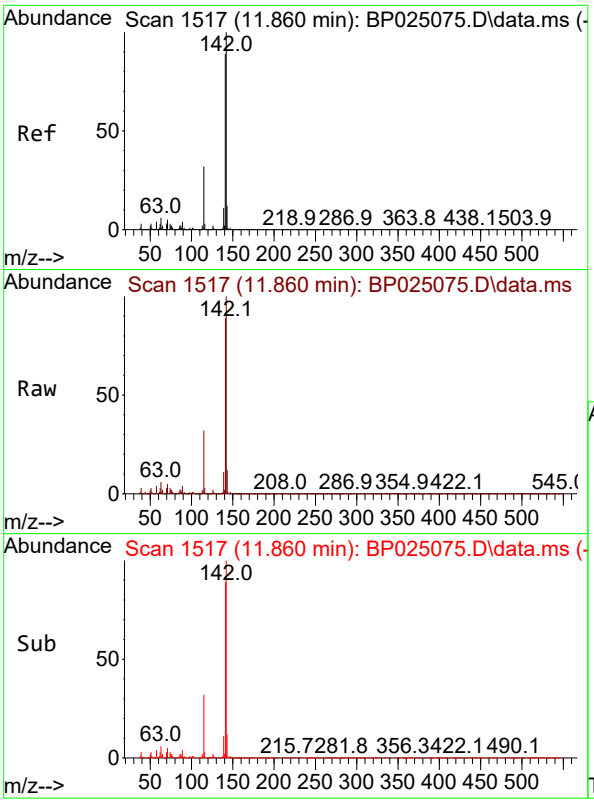


#36
4-Chloro-3-methylphenol
Concen: 40.733 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:107 Resp: 965263

Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.4	33.6
142	87.0	69.6	104.4



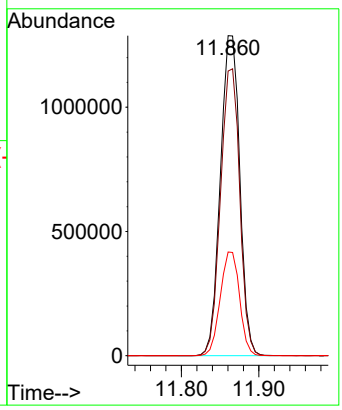


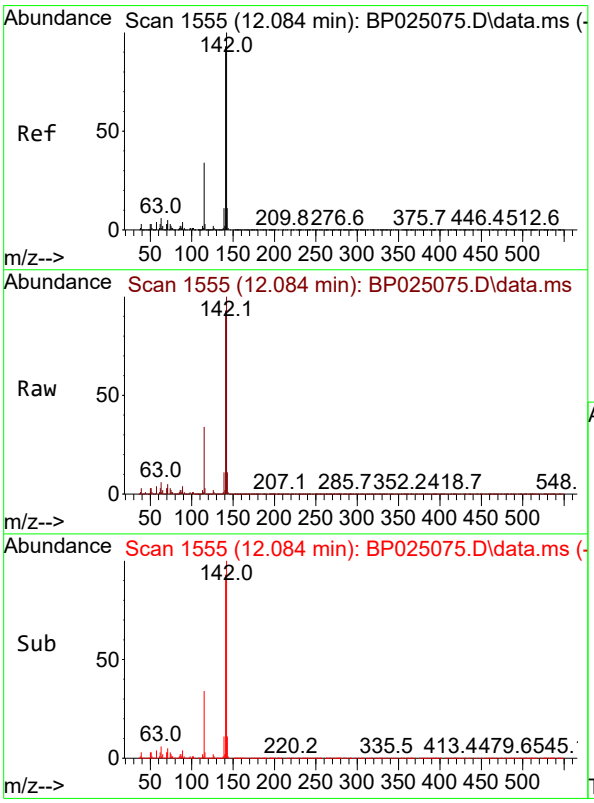
#37
2-Methylnaphthalene
Concen: 39.530 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 2240648

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	32.4	25.9	38.9

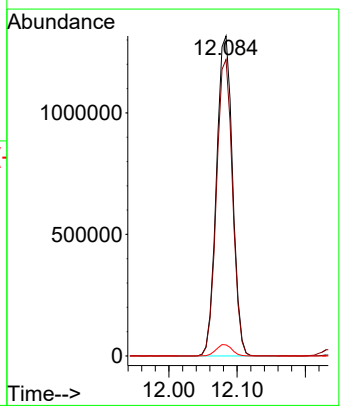


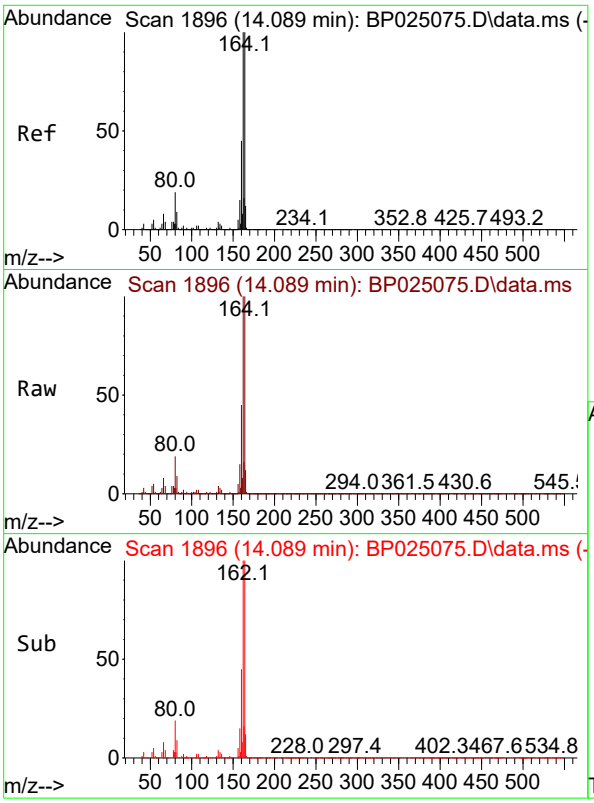


#38
1-Methylnaphthalene
Concen: 39.054 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:142 Resp: 2158945

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.1	111.1
116	3.4	2.7	4.1



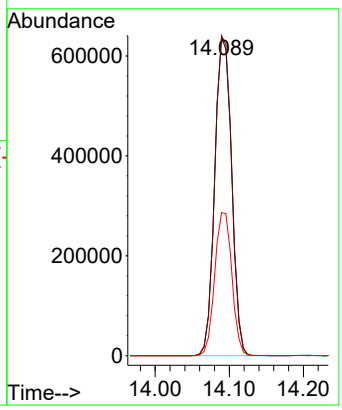


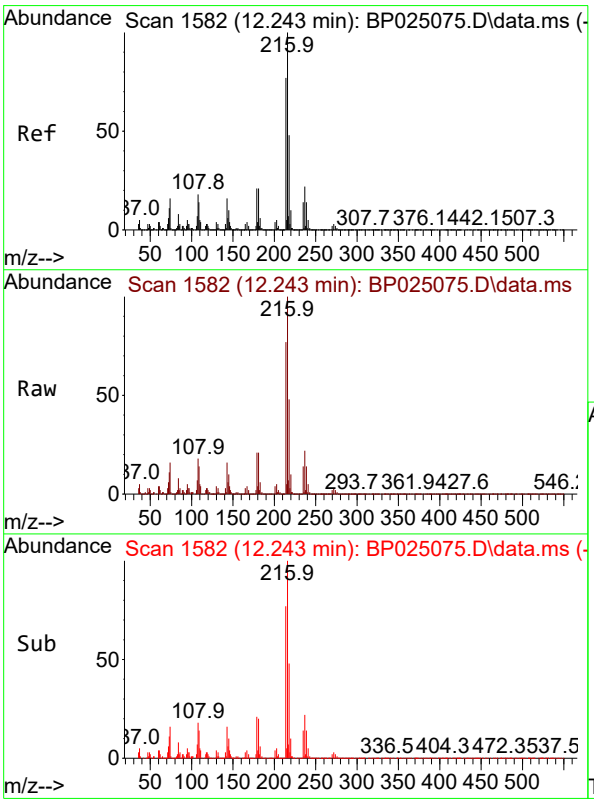
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 1003103

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.3	120.5
160	44.9	35.9	53.9

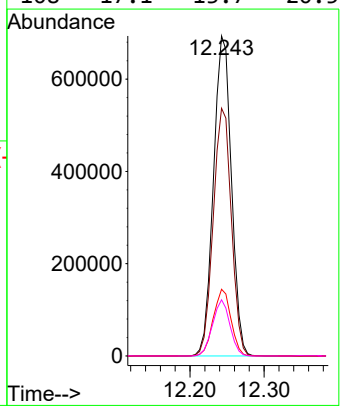


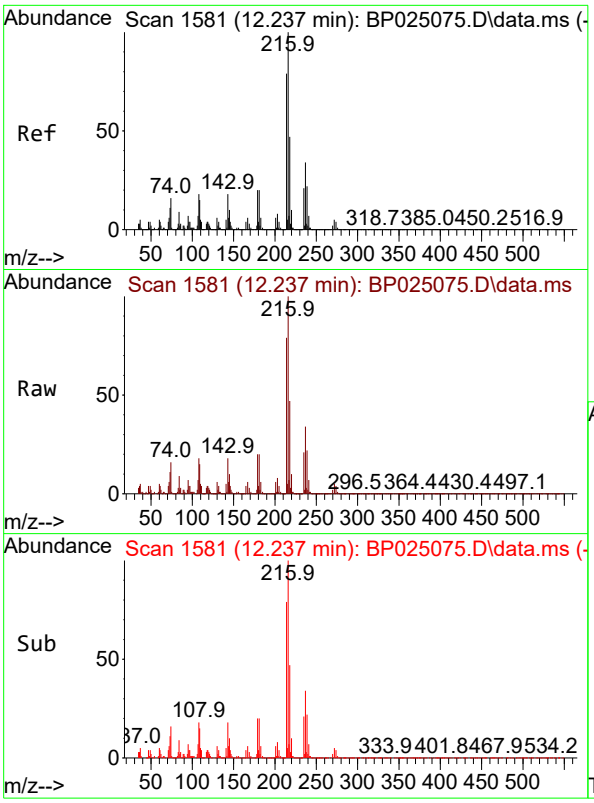


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.396 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:216 Resp: 1164588

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	20.6	16.5	24.7
108	17.1	13.7	20.5



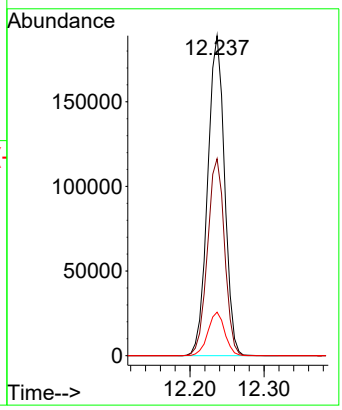


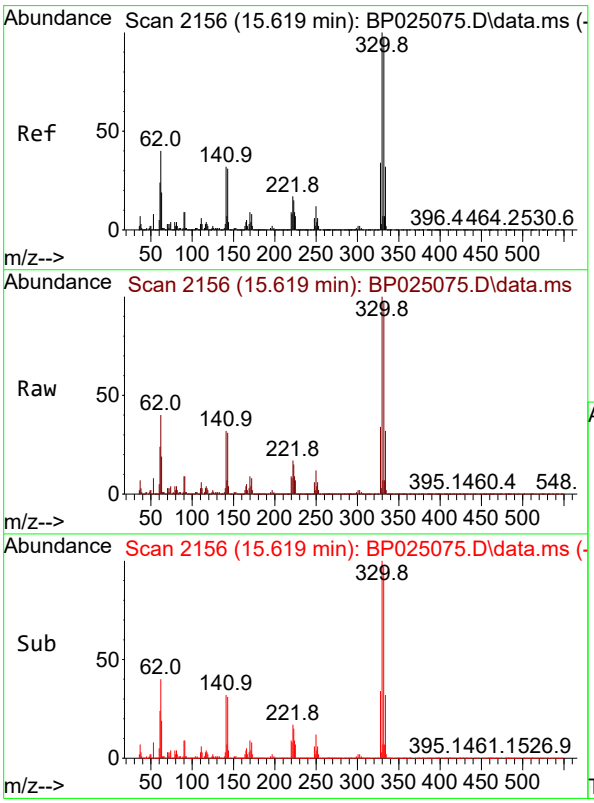
#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 298913

Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.6	81.6
272	13.6	0.0	33.6

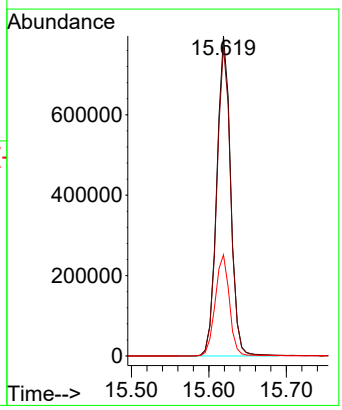


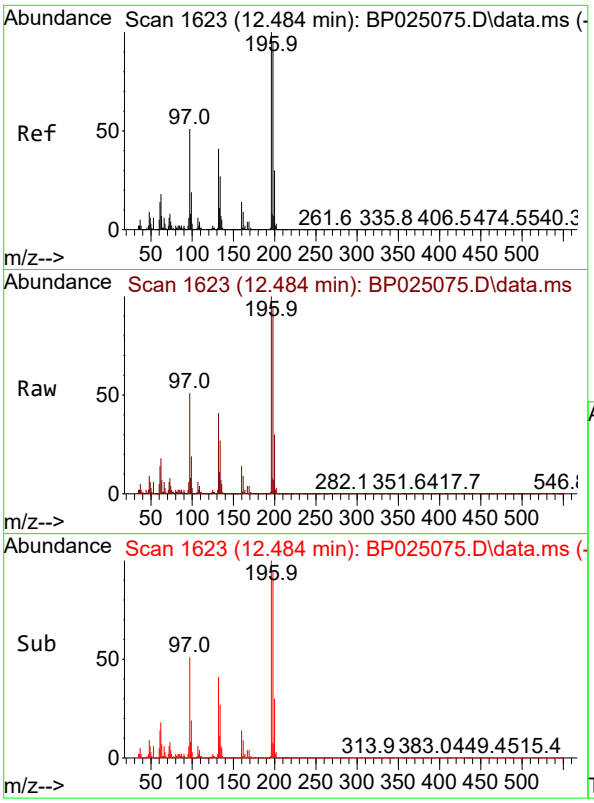


#42
2,4,6-Tribromophenol
Concen: 83.301 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:330 Resp: 987112

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	32.5	26.0	39.0



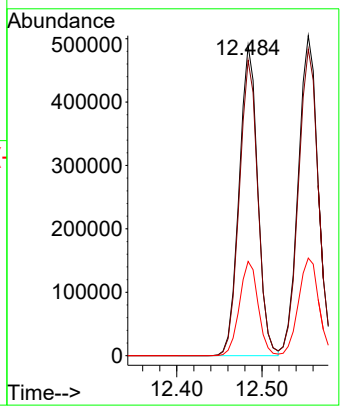


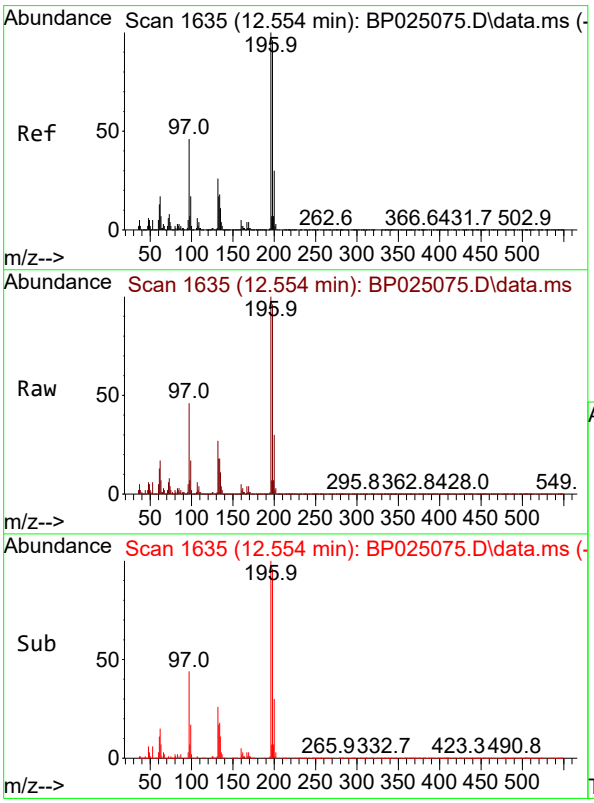
#43
2,4,6-Trichlorophenol
Concen: 42.497 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 741839

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.2
200	30.4	24.3	36.5

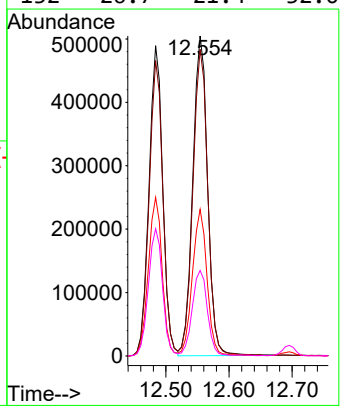


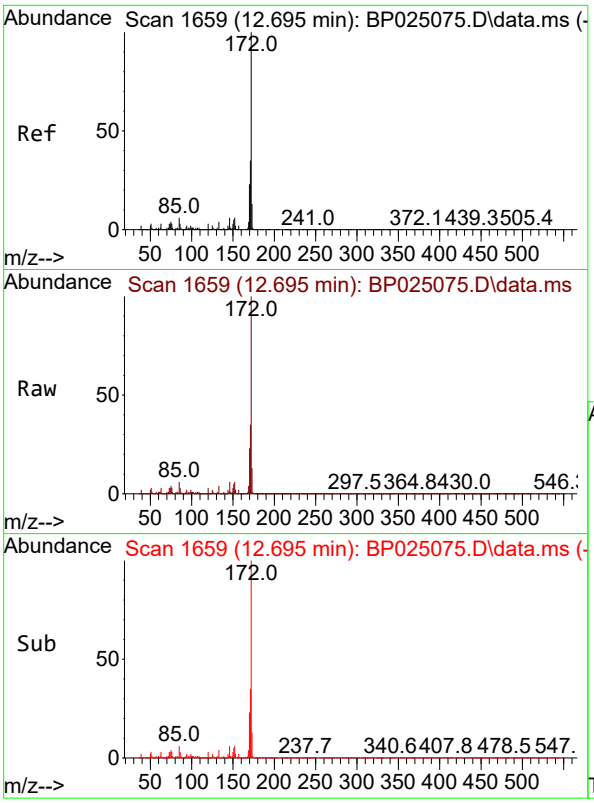


#44
2,4,5-Trichlorophenol
Concen: 41.668 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:196 Resp: 824324

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
97	45.8	36.6	55.0
132	26.7	21.4	32.0



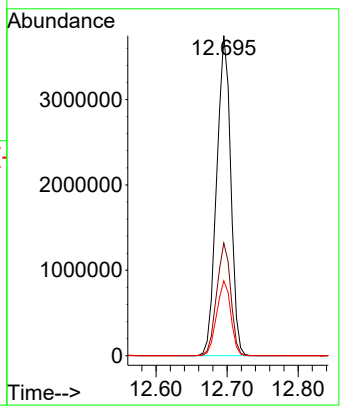


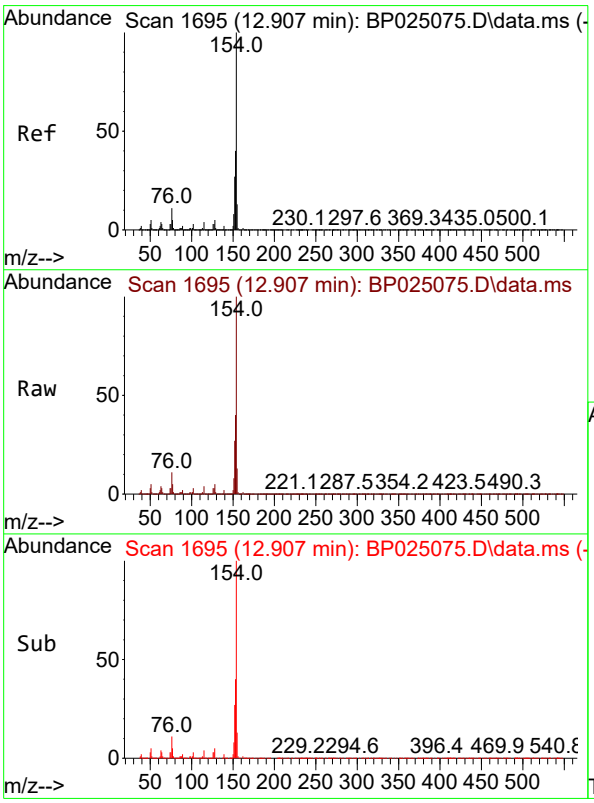
#45
2-Fluorobiphenyl
Concen: 79.265 ng
RT: 12.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 5132522

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.4	18.7	28.1

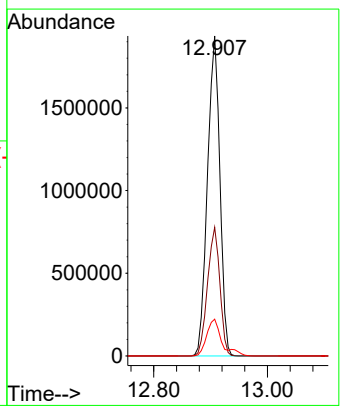


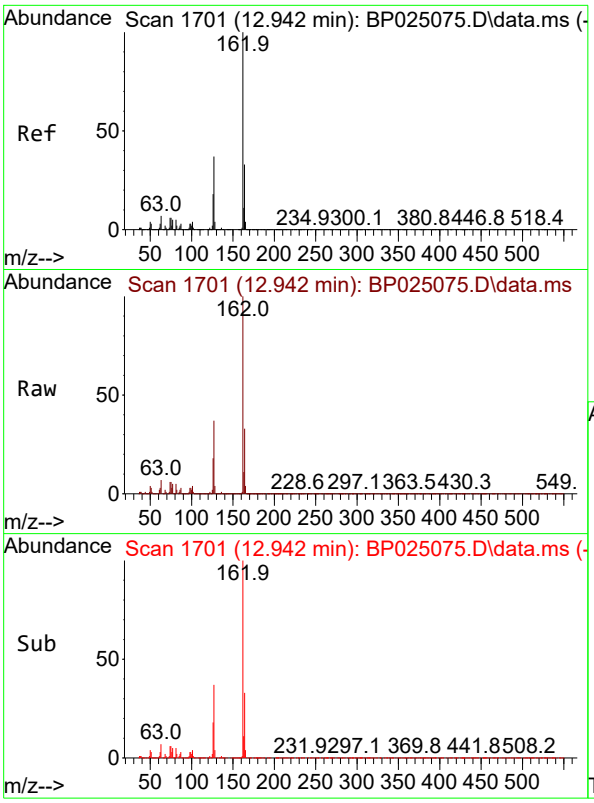


#46
1,1'-Biphenyl
Concen: 39.957 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:154 Resp: 2916222

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	11.5	0.0	31.5



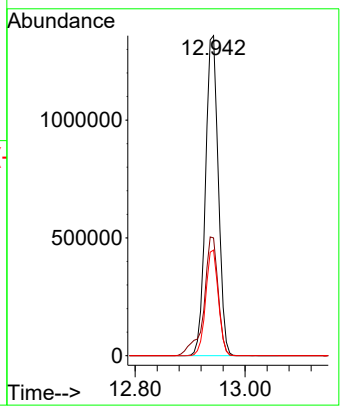


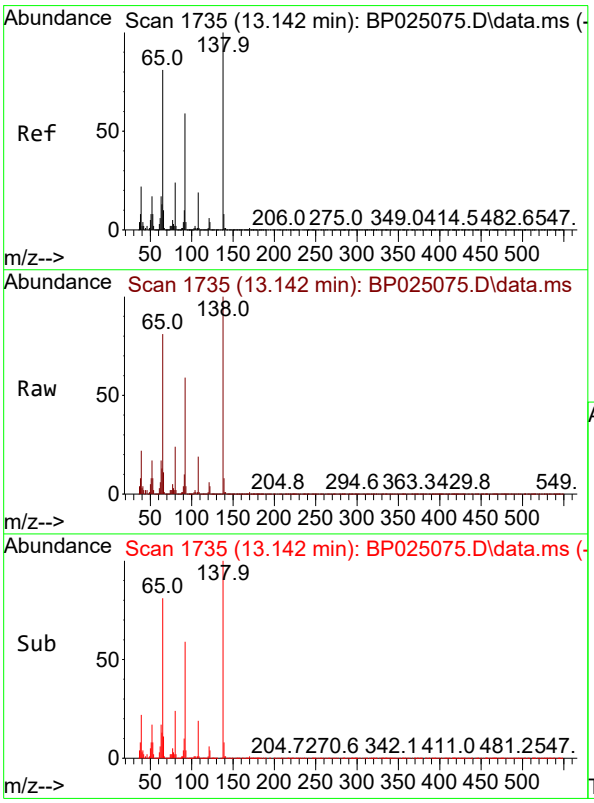
#47
2-Chloronaphthalene
Concen: 39.891 ng
RT: 12.942 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 2188234

Ion	Ratio	Lower	Upper
162	100		
127	36.8	29.4	44.2
164	33.0	26.4	39.6

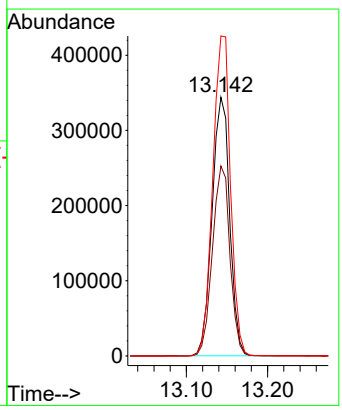


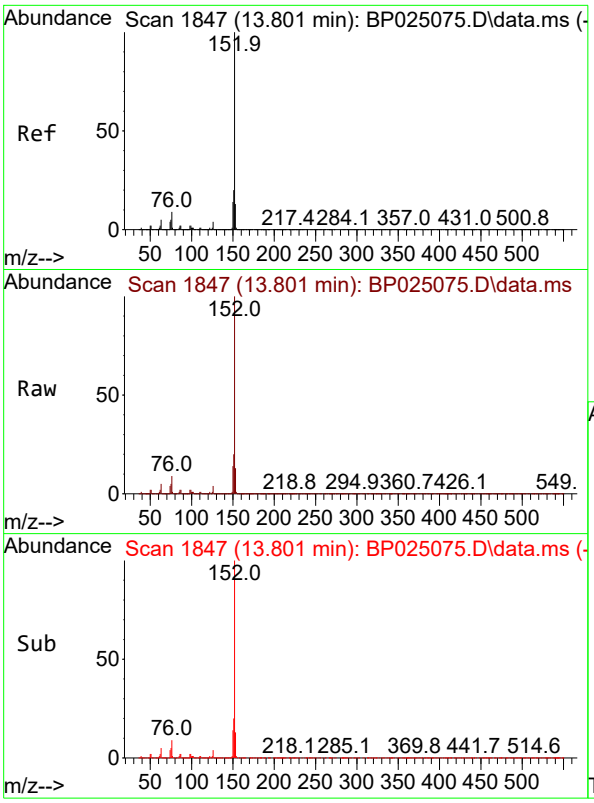


#48
2-Nitroaniline
Concen: 39.182 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion: 65 Resp: 519267

Ion	Ratio	Lower	Upper
65	100		
92	73.4	58.7	88.1
138	123.7	99.0	148.4



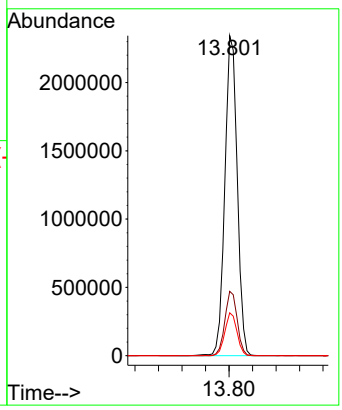


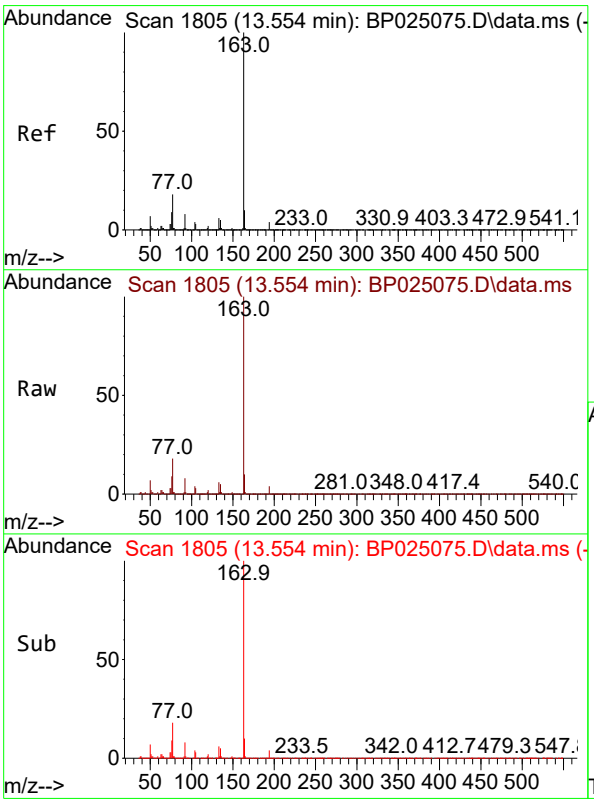
#49
Acenaphthylene
Concen: 40.657 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 3413485

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.4	10.7	16.1

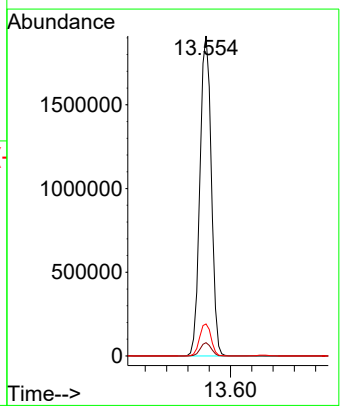


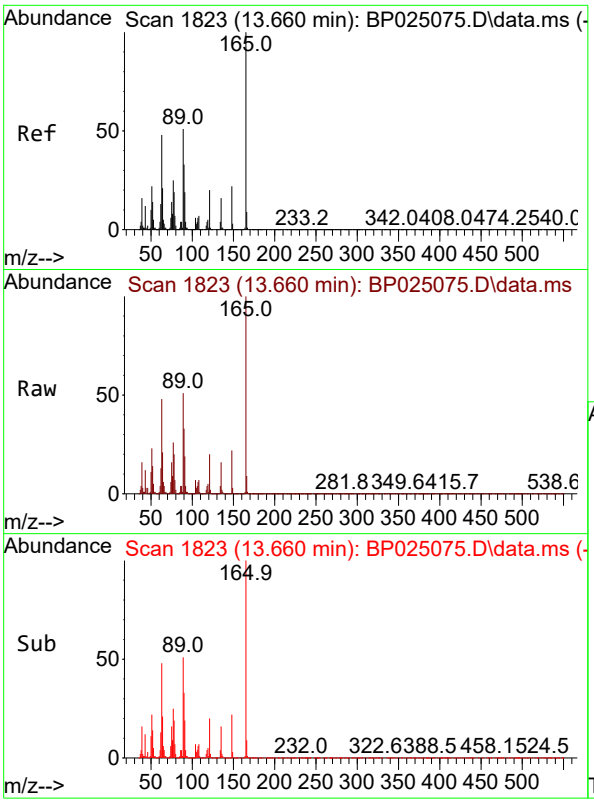


#50
Dimethylphthalate
Concen: 40.234 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:163 Resp: 2825141

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.0	12.0



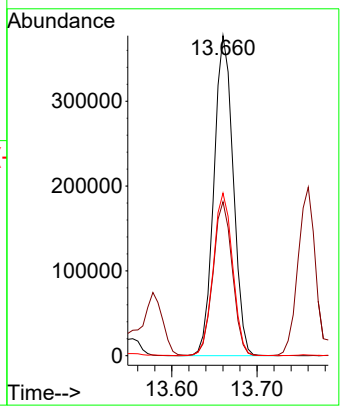


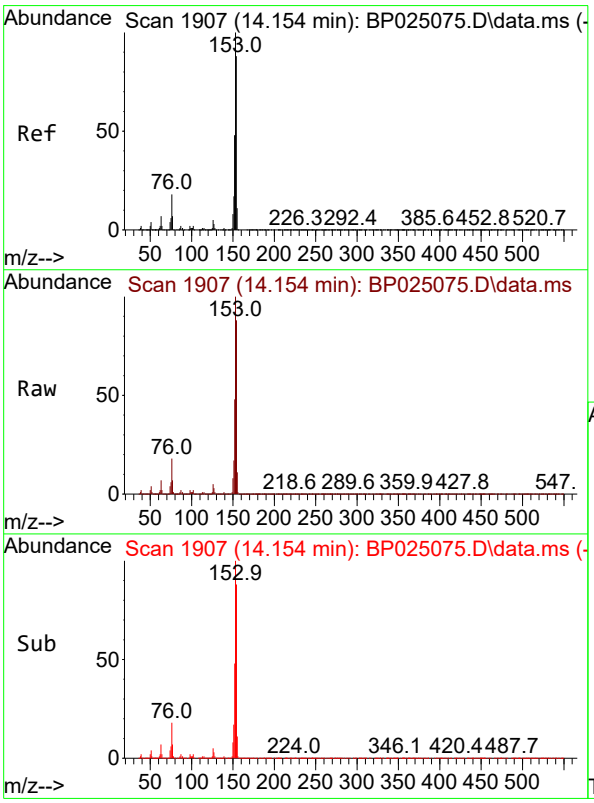
#51
2,6-Dinitrotoluene
Concen: 43.253 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 592325

Ion	Ratio	Lower	Upper
165	100		
63	48.1	38.5	57.7
89	50.8	40.6	61.0

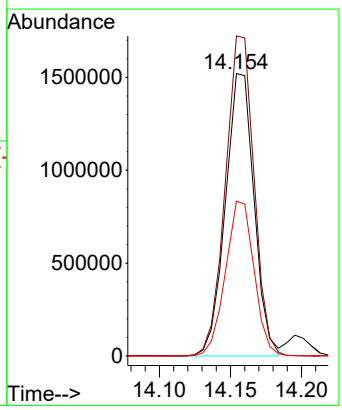


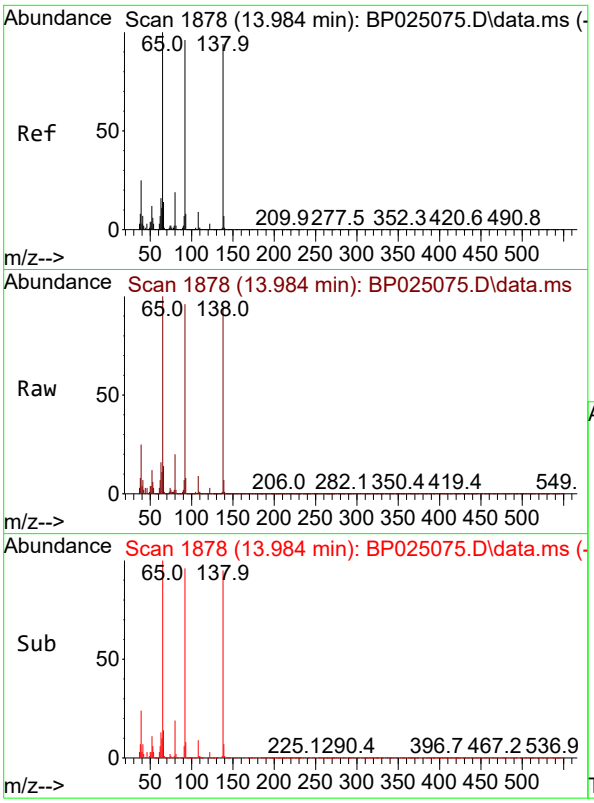


#52
Acenaphthene
Concen: 39.537 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:154 Resp: 2139419

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.6	136.0
152	54.8	43.8	65.8



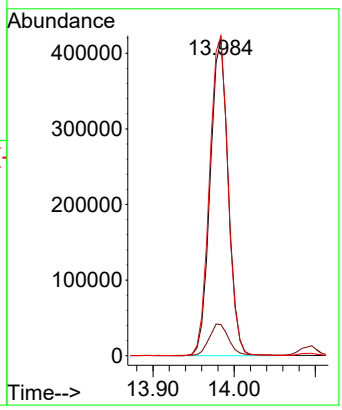


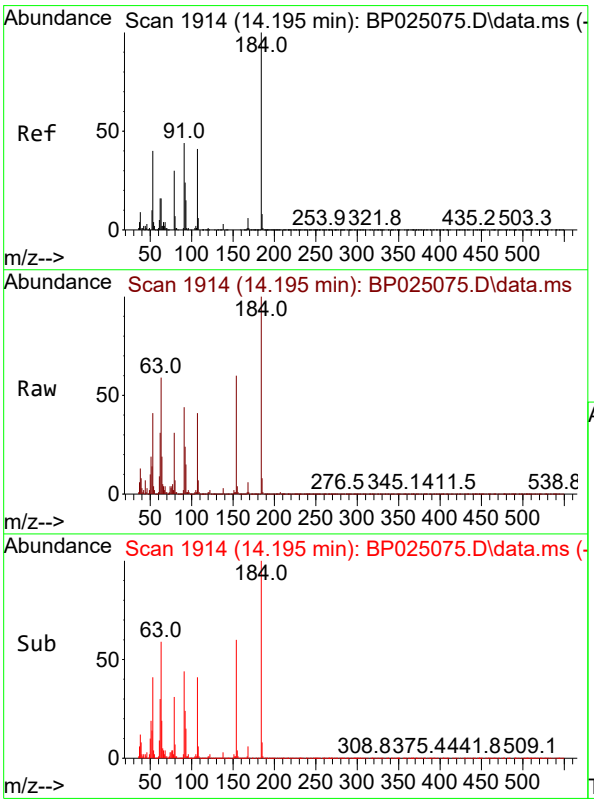
#53
3-Nitroaniline
Concen: 43.937 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 644835

Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.8
92	101.2	81.0	121.4

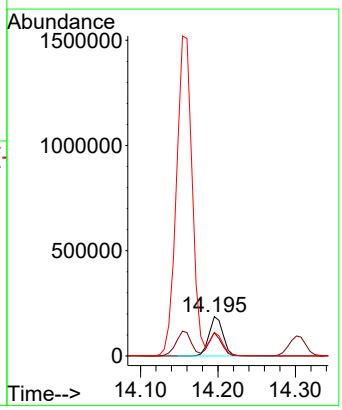


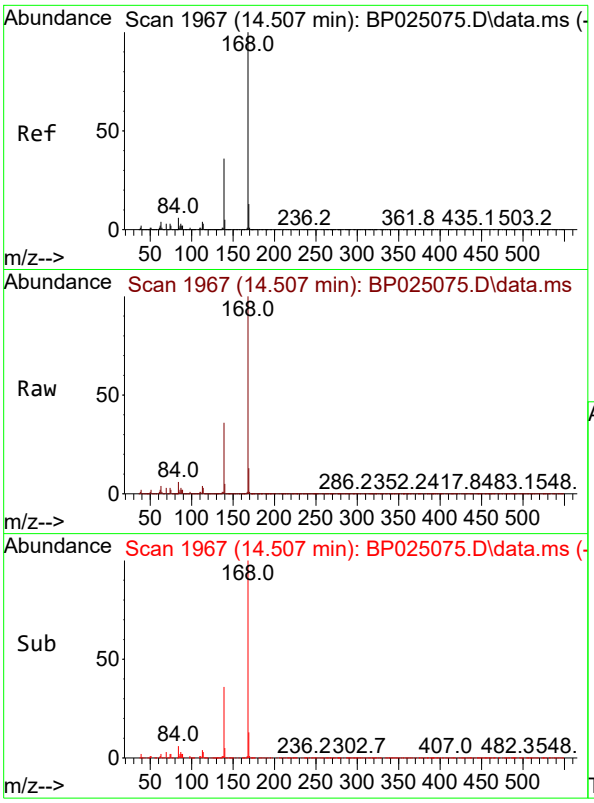


#54
2,4-Dinitrophenol
Concen: 38.110 ng
RT: 14.195 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:184 Resp: 234827

Ion	Ratio	Lower	Upper
184	100		
63	59.2	47.4	71.0
154	59.8	47.8	71.8



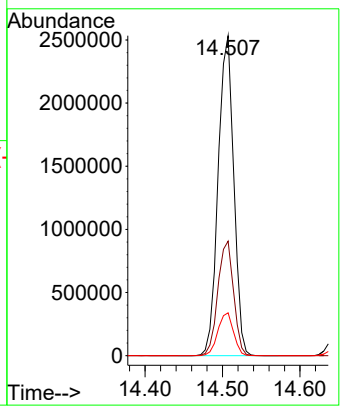


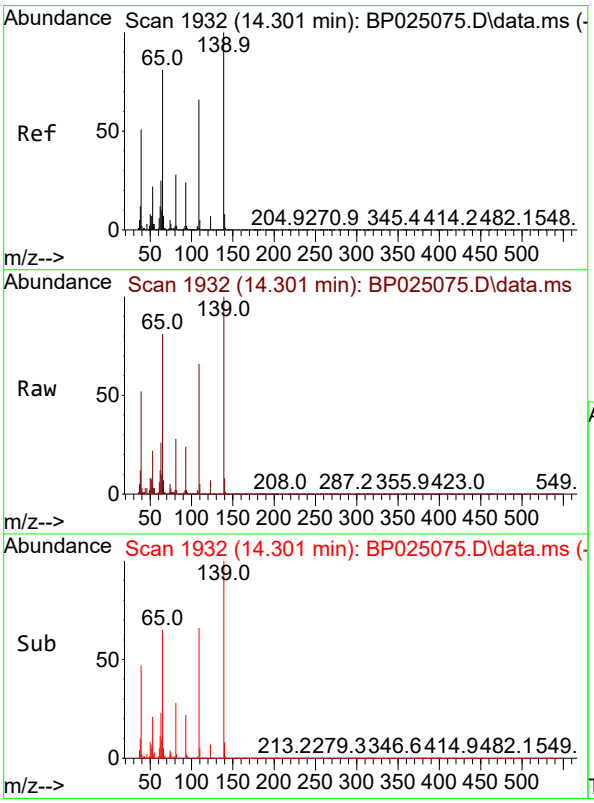
#55
Dibenzofuran
Concen: 39.719 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 3547100

Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.6	43.0
169	13.4	10.7	16.1

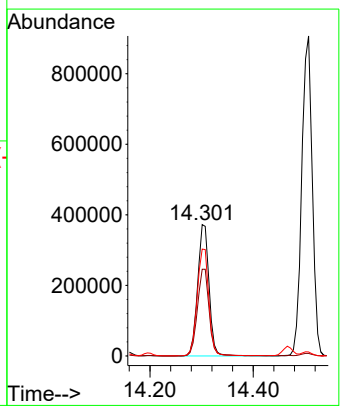


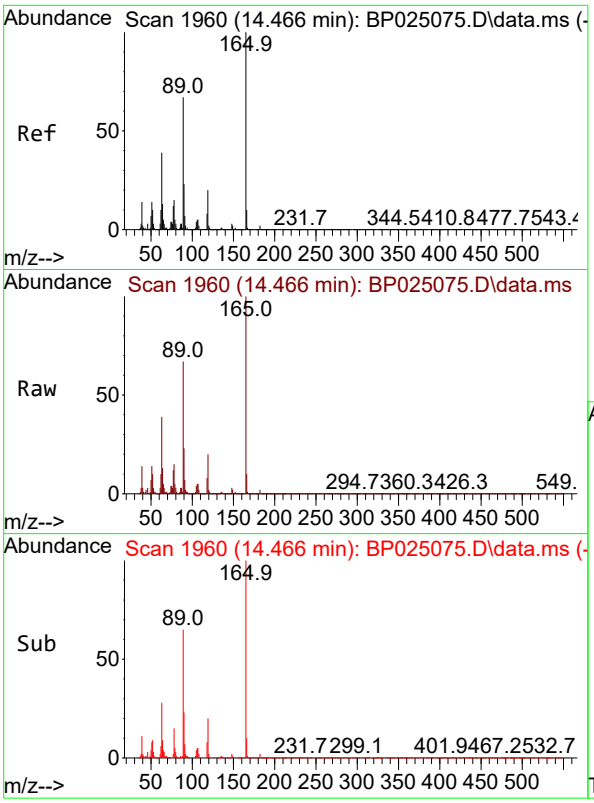


#56
4-Nitrophenol
Concen: 42.263 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:139 Resp: 572405

Ion	Ratio	Lower	Upper
139	100		
109	65.9	45.9	85.9
65	81.4	61.4	101.4



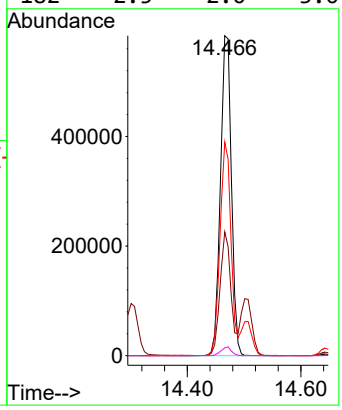


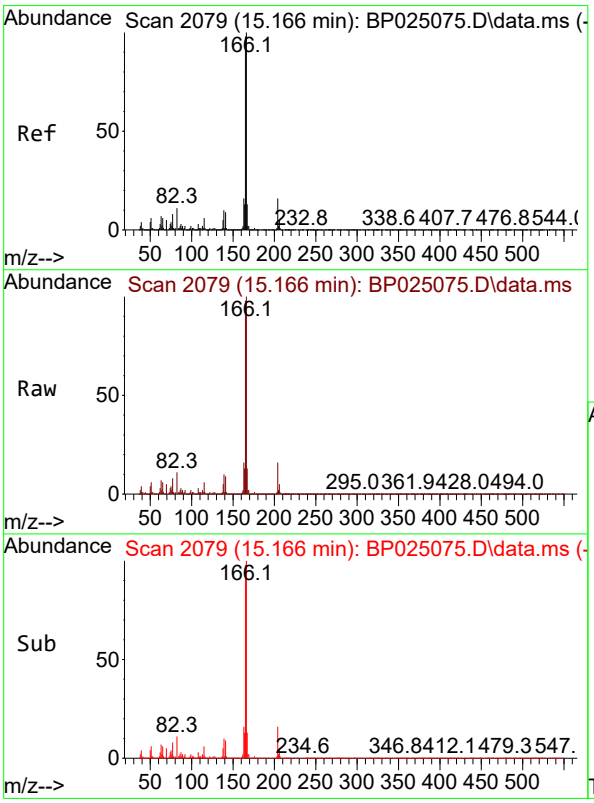
#57
2,4-Dinitrotoluene
Concen: 39.572 ng
RT: 14.466 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 785486

Ion	Ratio	Lower	Upper
165	100		
63	38.7	31.0	46.4
89	66.7	53.4	80.0
182	2.5	2.0	3.0

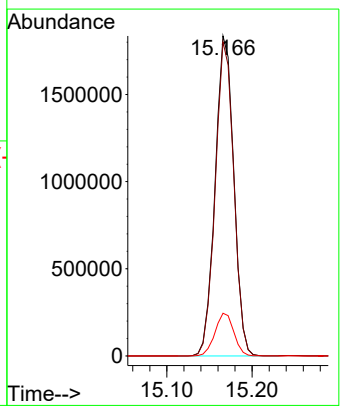


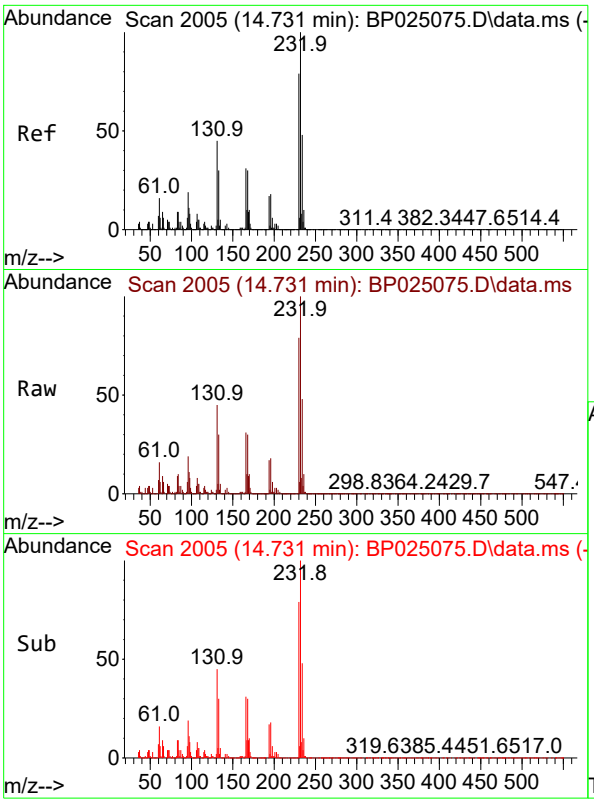


#58
Fluorene
Concen: 40.454 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:166 Resp: 2794372

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.4	10.7	16.1



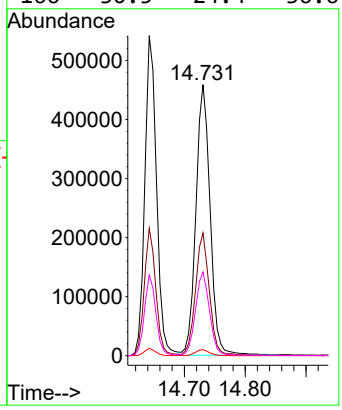


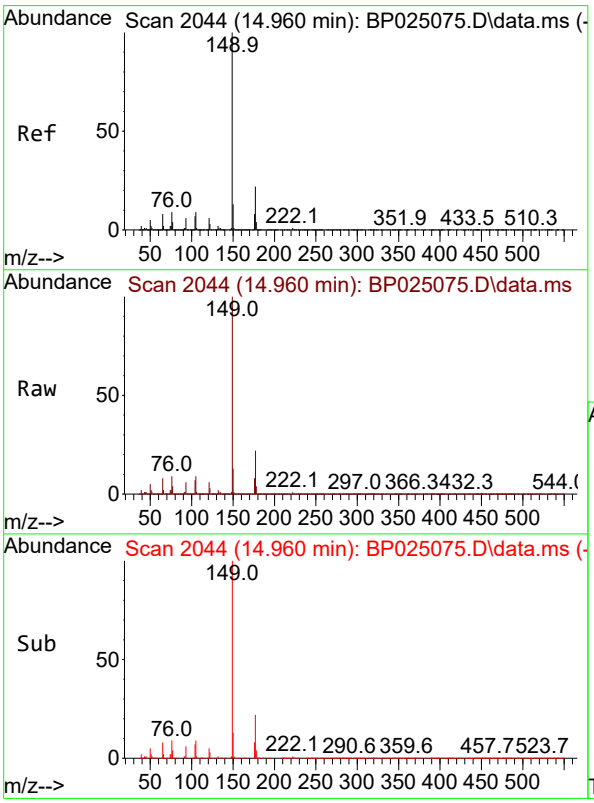
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.458 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 742726

Ion	Ratio	Lower	Upper
232	100		
131	44.6	35.7	53.5
130	2.2	1.8	2.6
166	30.5	24.4	36.6

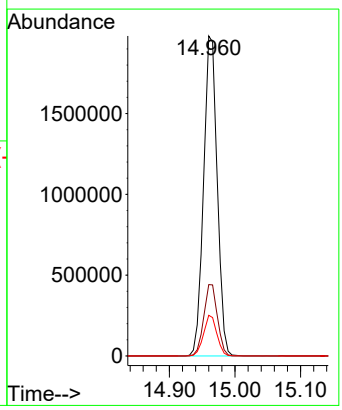


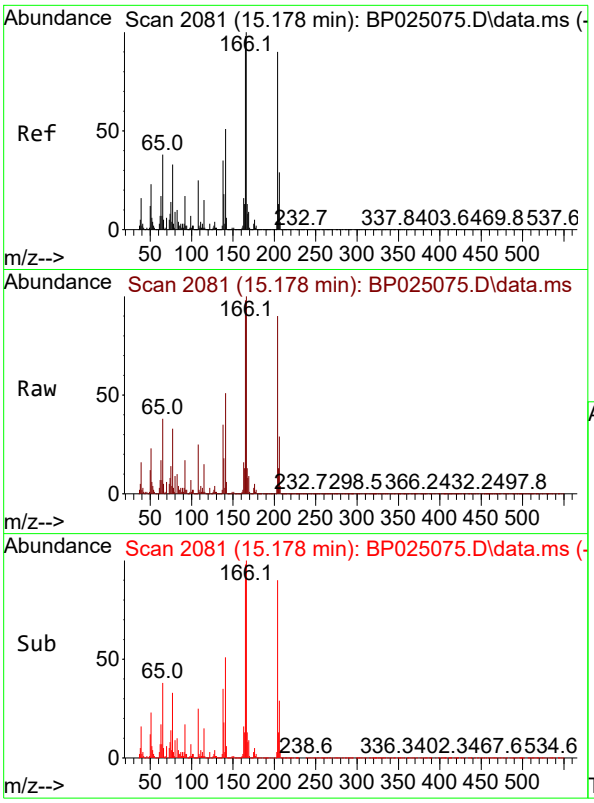


#60
Diethylphthalate
Concen: 40.639 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 2866041

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.8
150	12.7	10.2	15.2



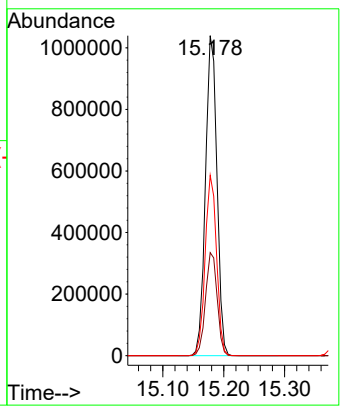


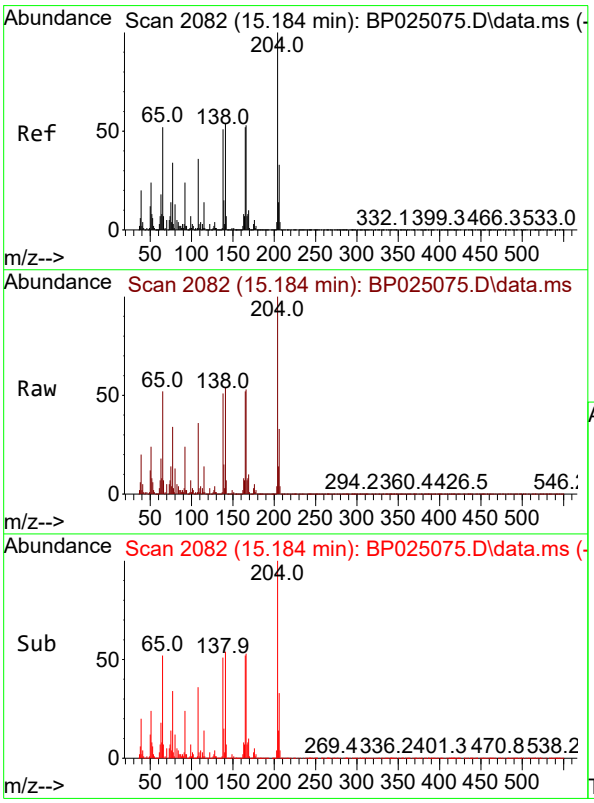
#61
4-Chlorophenyl-phenylether
Concen: 39.829 ng
RT: 15.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 1361531

Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.6
141	56.4	45.1	67.7

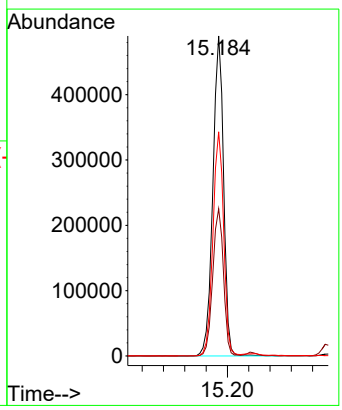


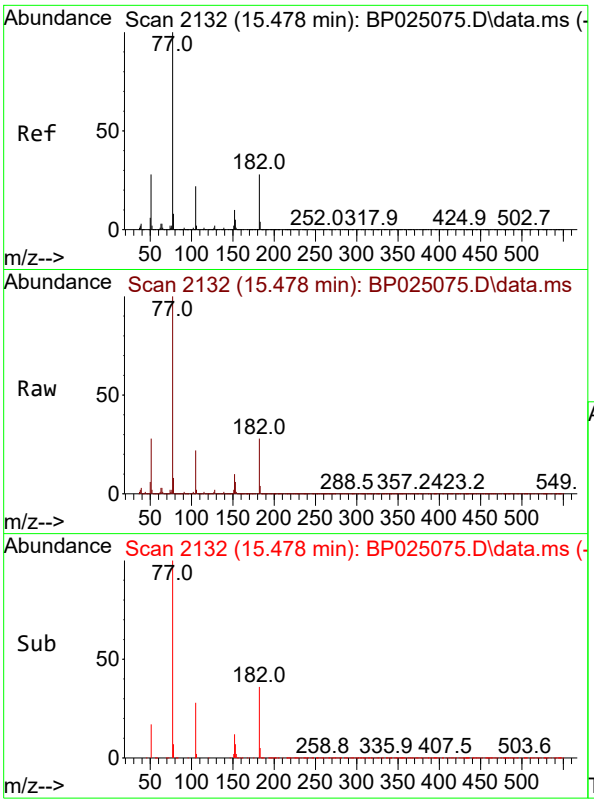


#62
4-Nitroaniline
Concen: 44.618 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:138 Resp: 686633

Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.0	66.0
108	70.0	50.0	90.0



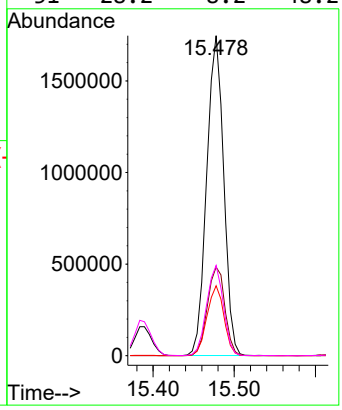


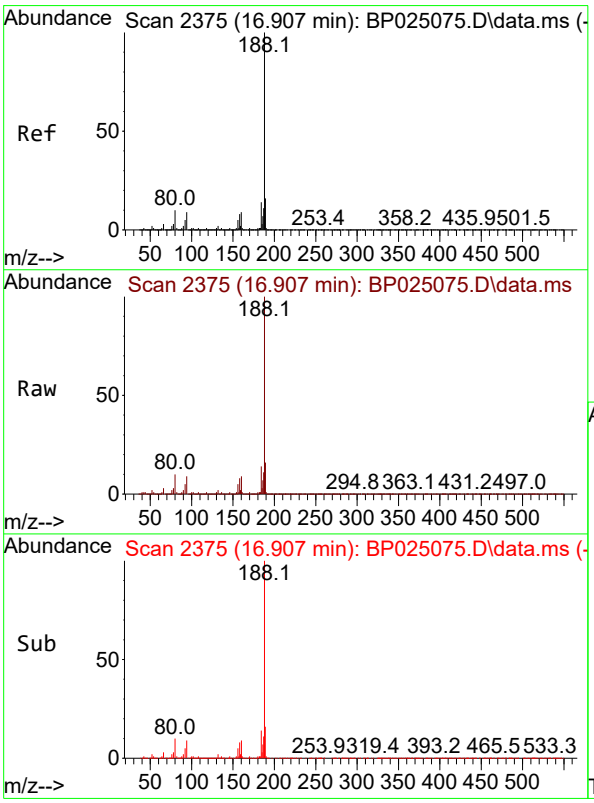
#63
Azobenzene
Concen: 40.400 ng
RT: 15.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 2537142

Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.7	47.7
105	21.9	1.9	41.9
51	28.2	8.2	48.2

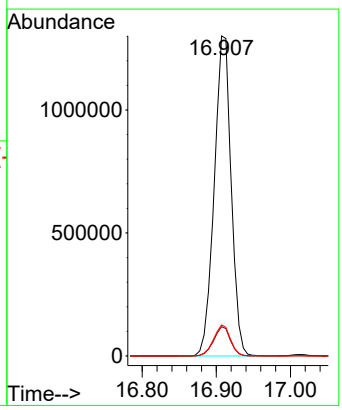


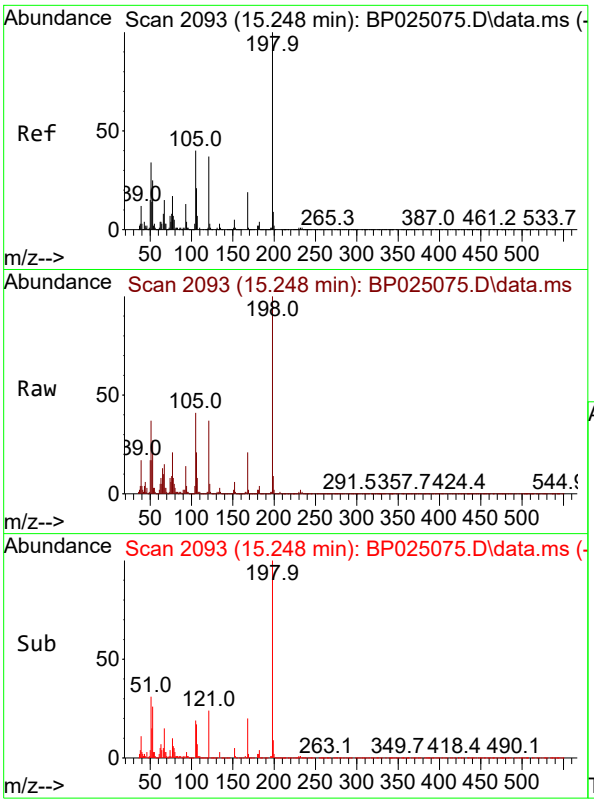


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:188 Resp: 2062708

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	9.7	7.8	11.6



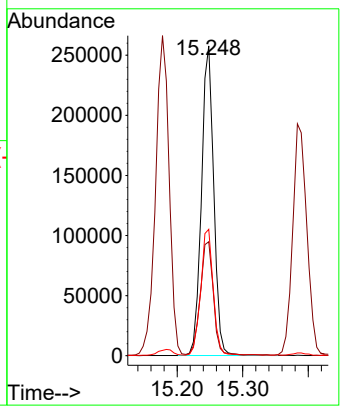


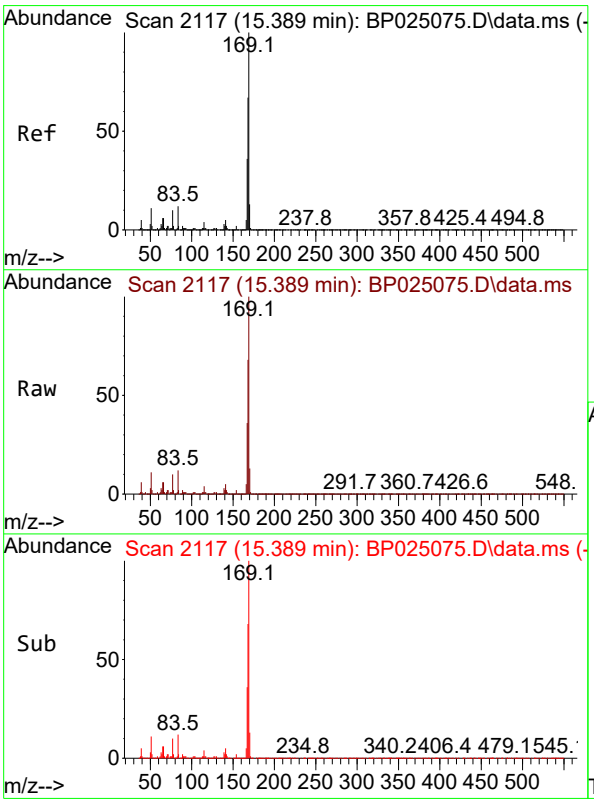
#65
4,6-Dinitro-2-methylphenol
Concen: 37.190 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 335740

Ion	Ratio	Lower	Upper
198	100		
51	36.8	16.8	56.8
105	40.8	20.8	60.8

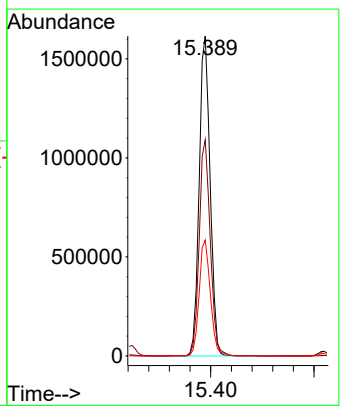


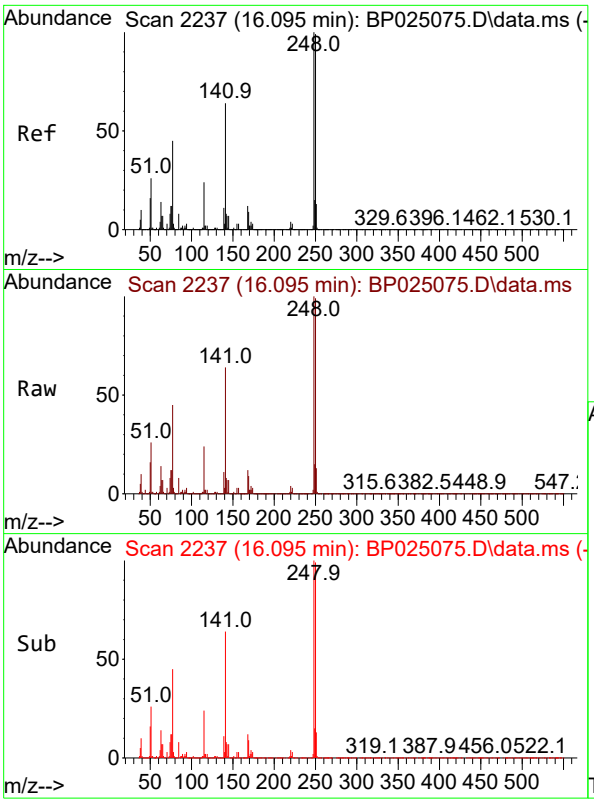


#66
n-Nitrosodiphenylamine
Concen: 40.069 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:169 Resp: 2365317

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.1	81.1
167	36.3	29.0	43.6



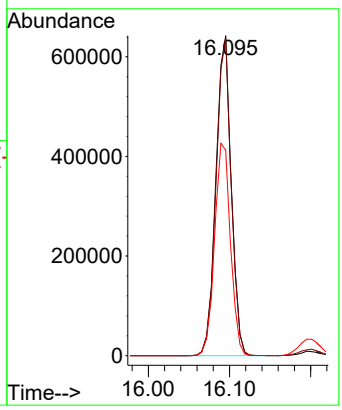


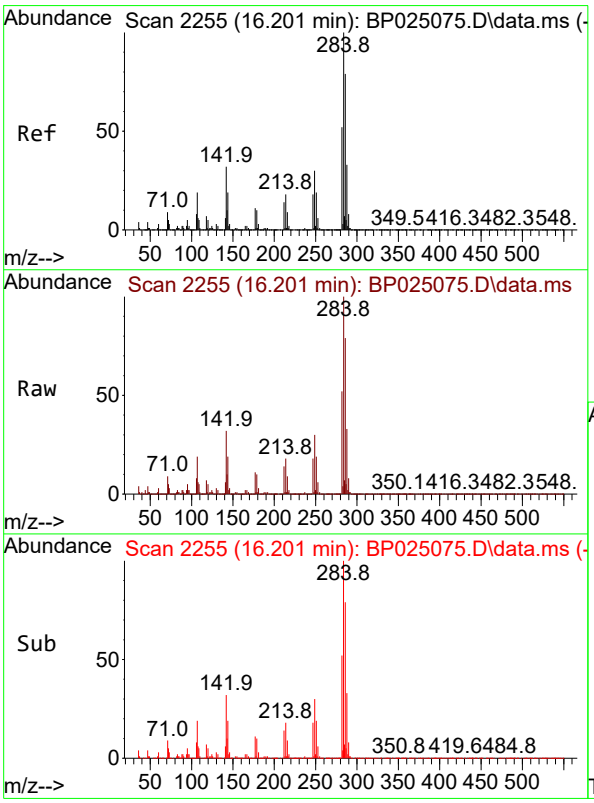
#67
4-Bromophenyl-phenylether
Concen: 39.961 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 843967

Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.4	119.2
141	64.2	51.4	77.0

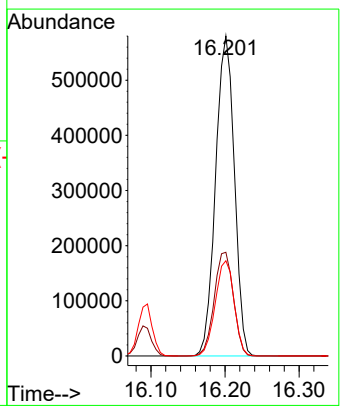


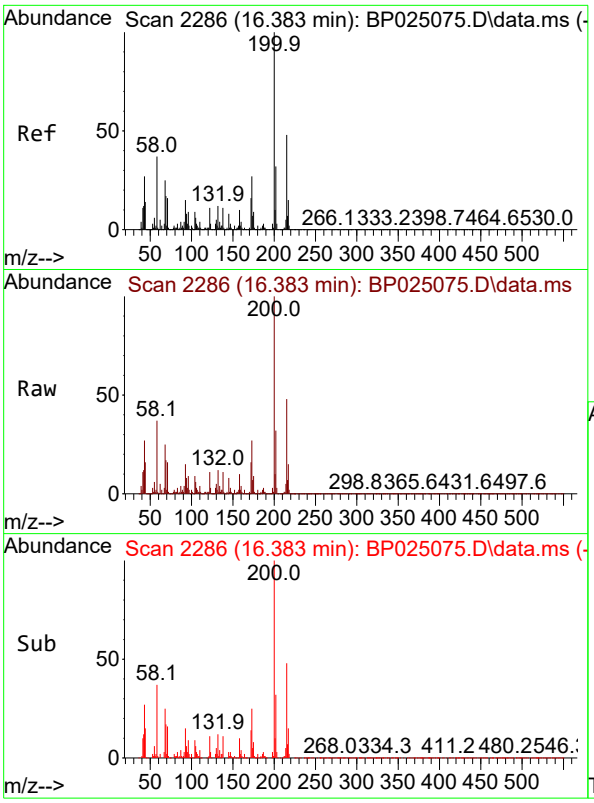


#68
Hexachlorobenzene
Concen: 39.541 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:284 Resp: 1020715

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.9	38.9
249	29.8	23.8	35.8



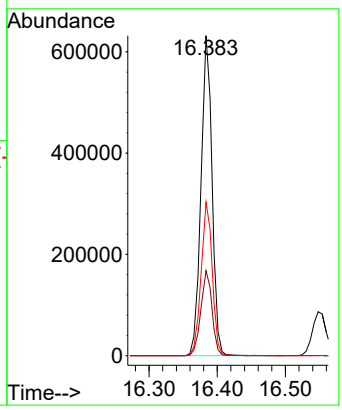


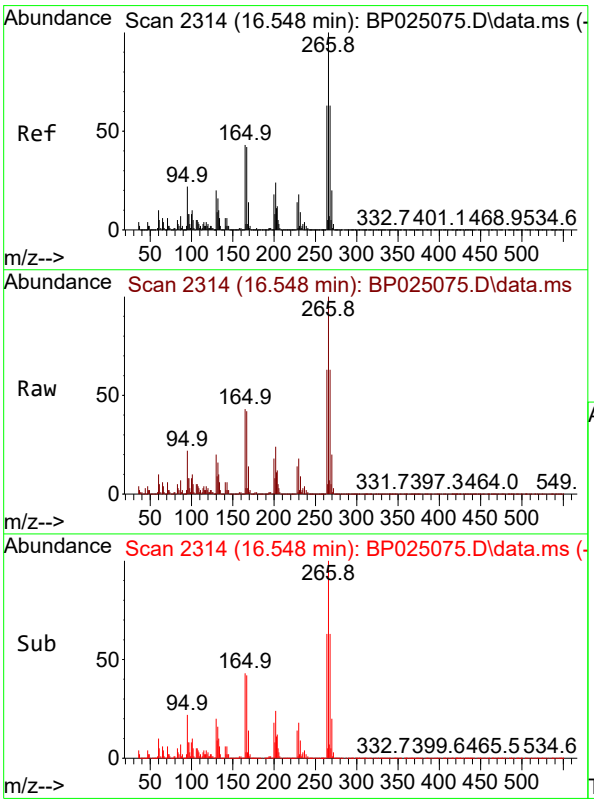
#69
Atrazine
Concen: 41.121 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 711320

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	48.0	28.0	68.0

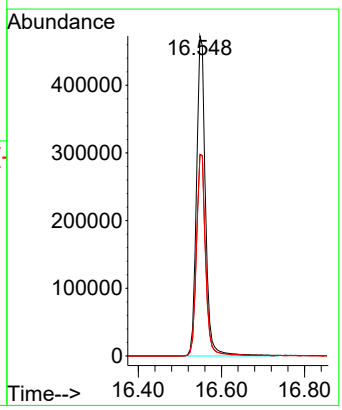


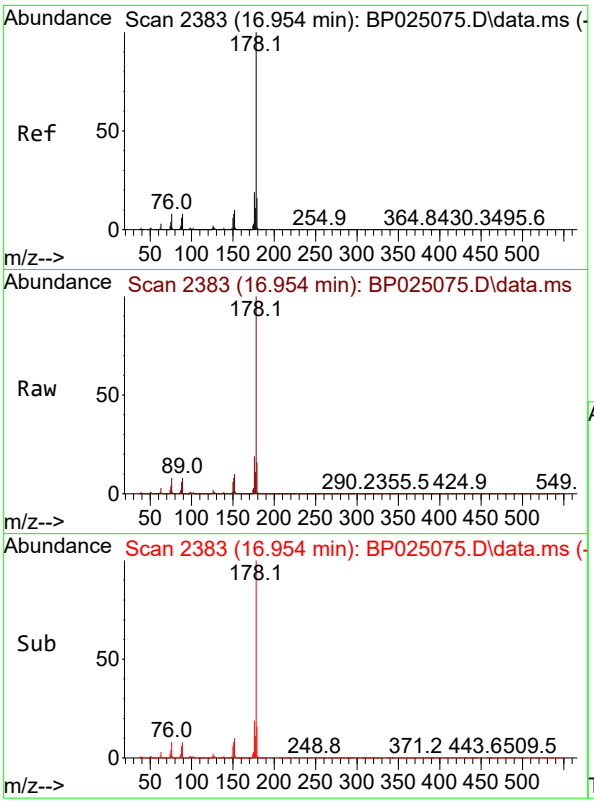


#70
Pentachlorophenol
Concen: 40.604 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:266 Resp: 707874

Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.4	75.6
264	62.7	50.2	75.2



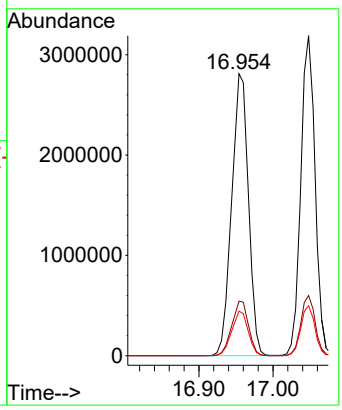


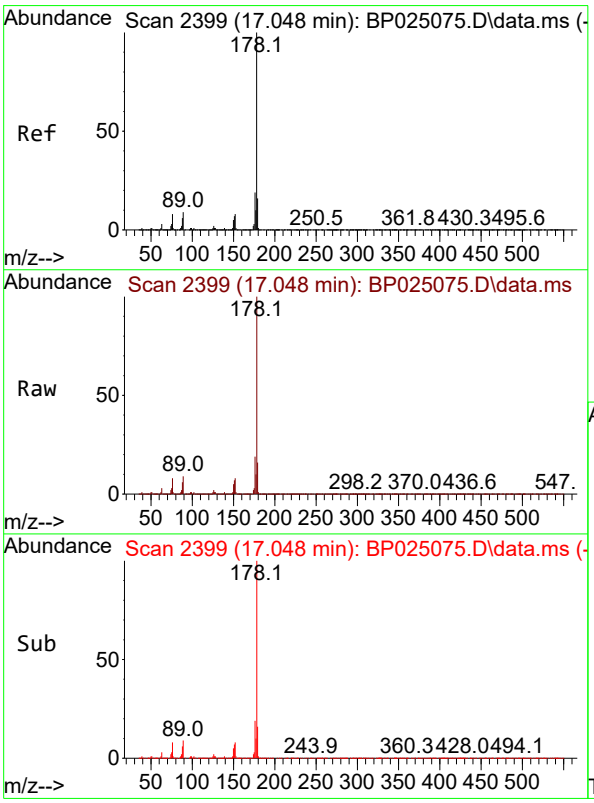
#71
Phenanthrene
Concen: 39.993 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 4407982

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0

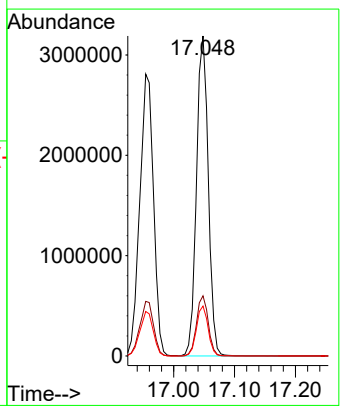


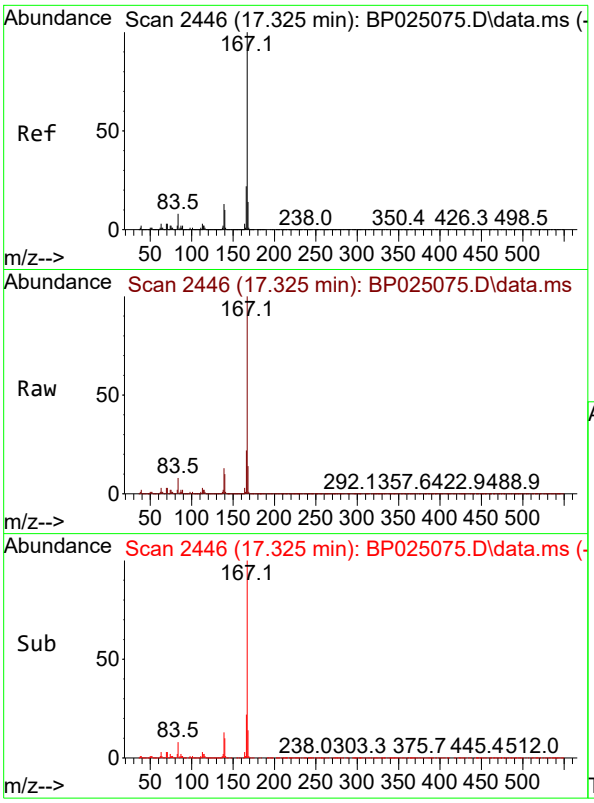


#72
Anthracene
Concen: 40.434 ng
RT: 17.048 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:178 Resp: 4275492

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.5	18.7



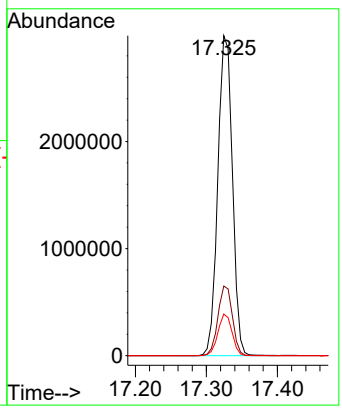


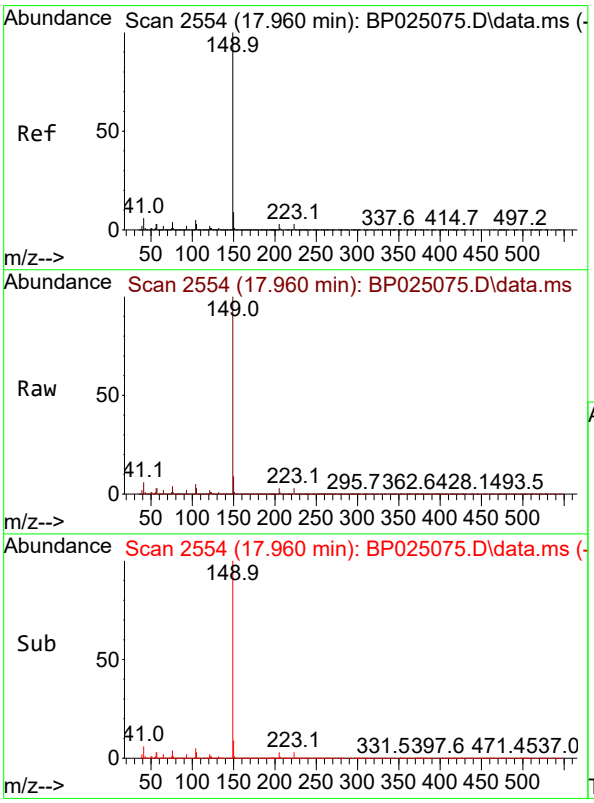
#73
Carbazole
Concen: 41.064 ng
RT: 17.325 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 4245502

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.0	10.4	15.6

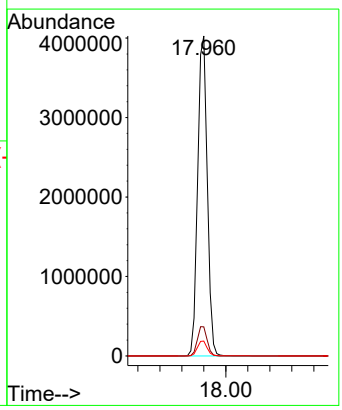


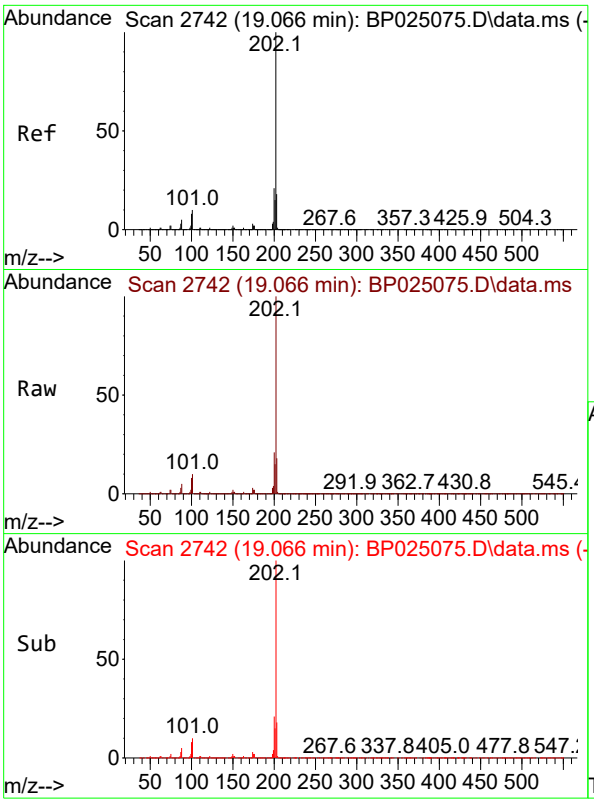


#74
Di-n-butylphthalate
Concen: 42.536 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 4897263

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.7	3.8	5.6



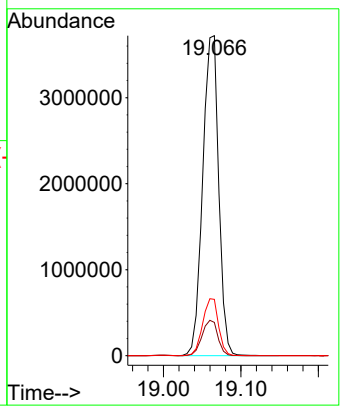


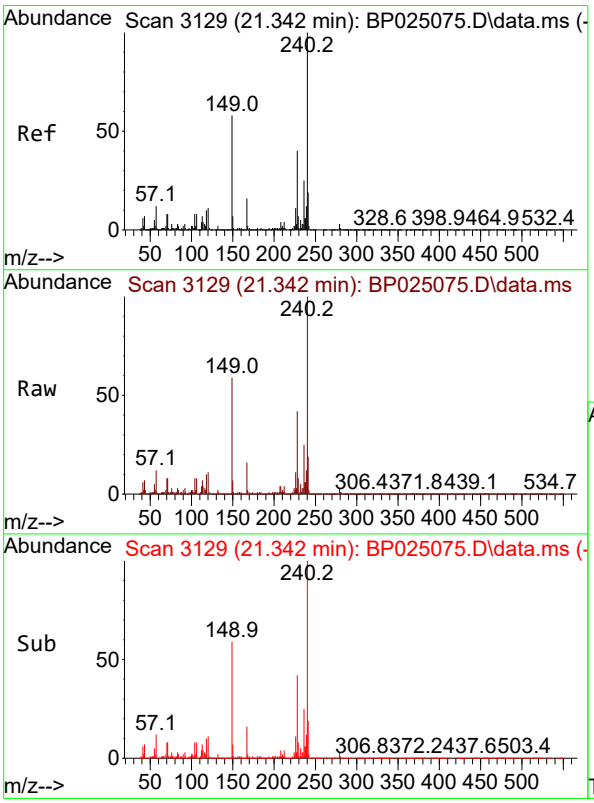
#75
Fluoranthene
Concen: 41.300 ng
RT: 19.066 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 5320900

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.6	0.0	37.6

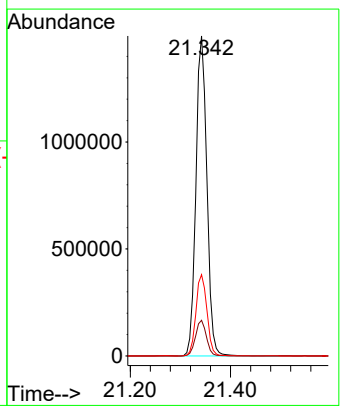


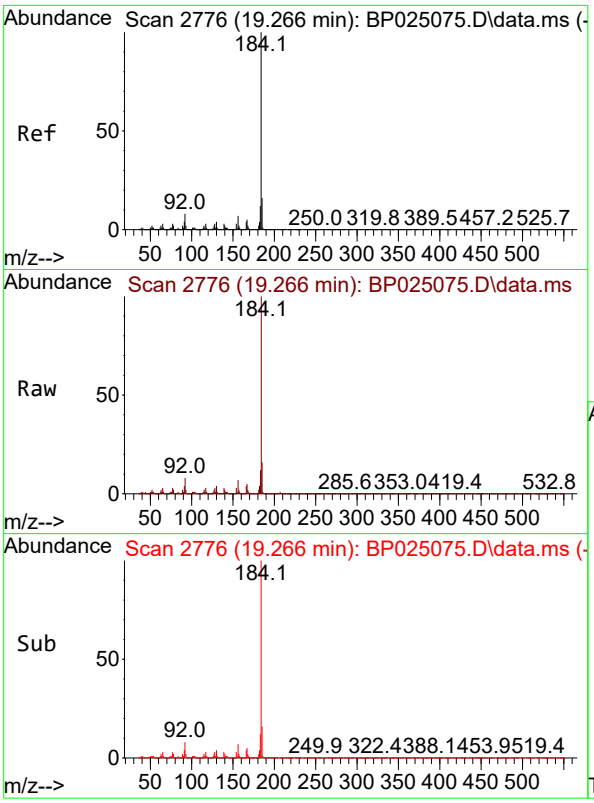


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:240 Resp: 2262594

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.4	20.3	30.5



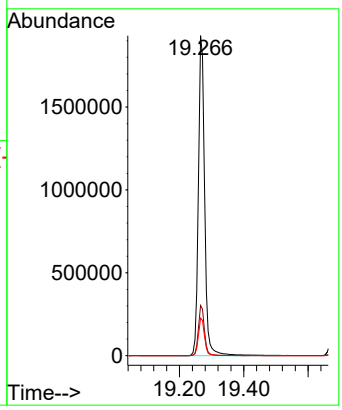


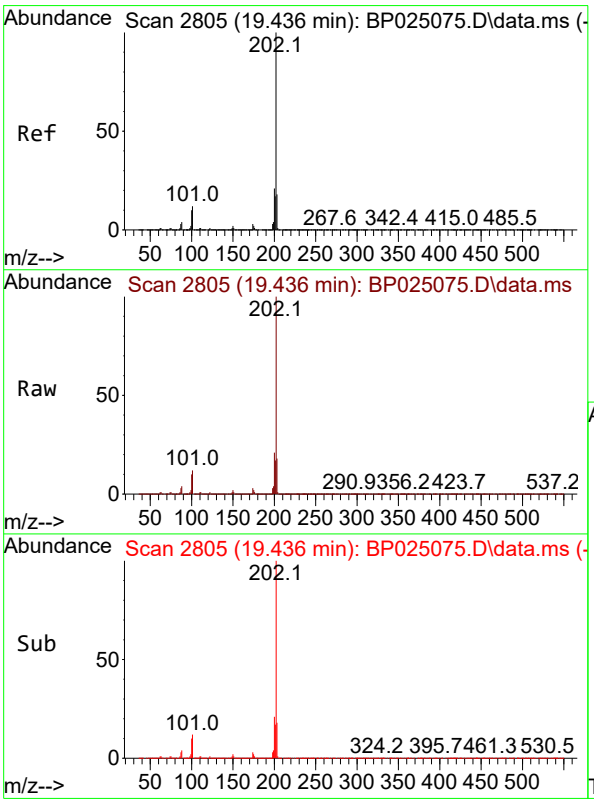
#77
Benzidine
Concen: 64.686 ng
RT: 19.266 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 2584906

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	11.8	9.4	14.2

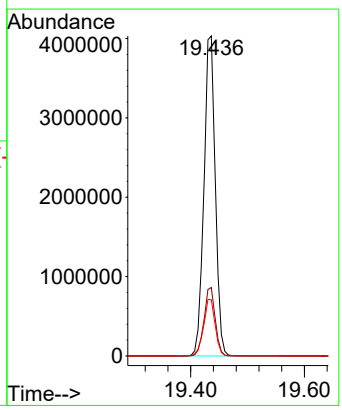


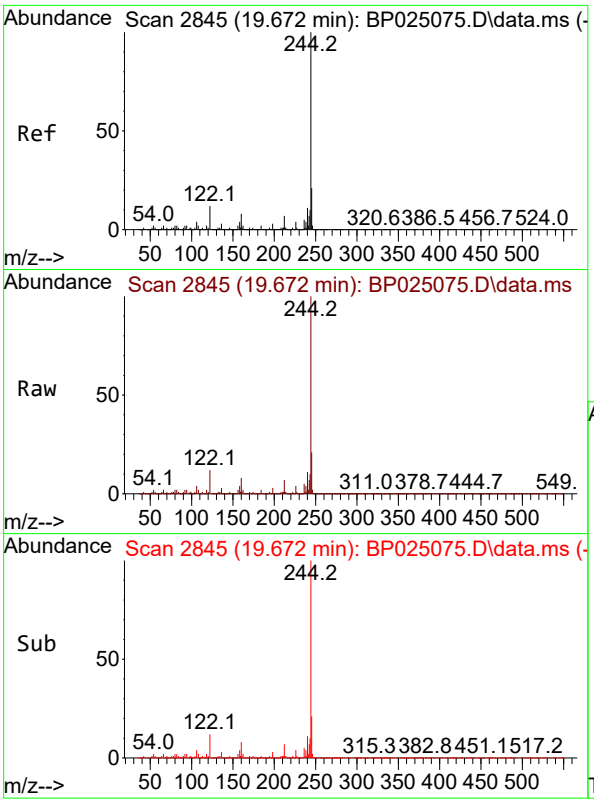


#78
Pyrene
Concen: 39.765 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:202 Resp: 5572652

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.6	14.1	21.1



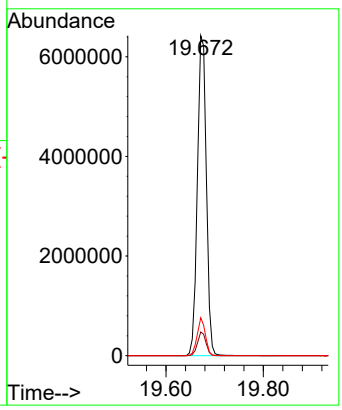


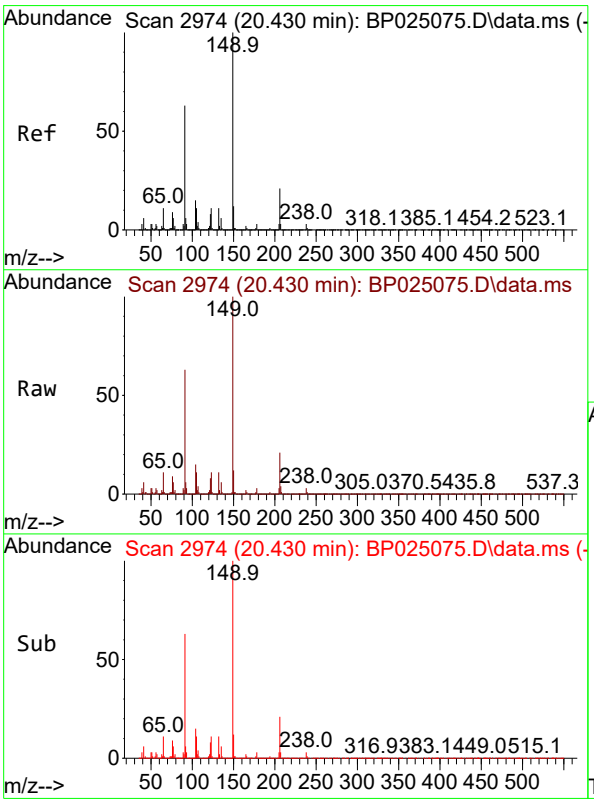
#79
Terphenyl-d14
Concen: 80.394 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 8276493

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.8	9.4	14.2

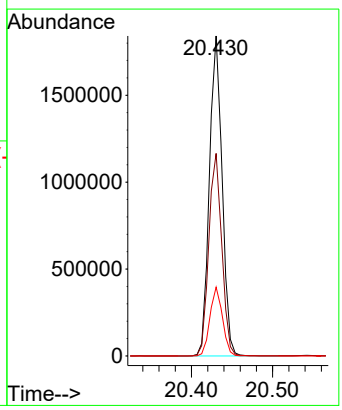


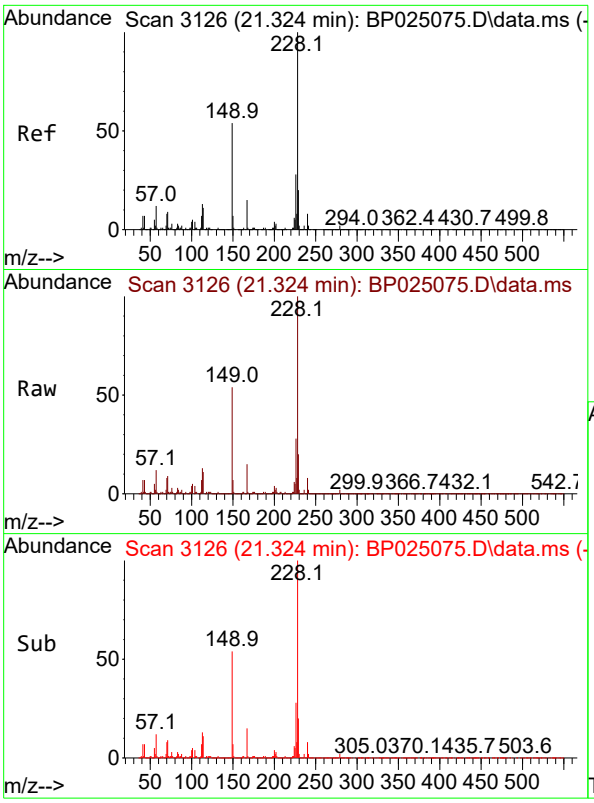


#80
Butylbenzylphthalate
Concen: 37.765 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 1993151

Ion	Ratio	Lower	Upper
149	100		
91	63.3	50.6	76.0
206	21.5	17.2	25.8



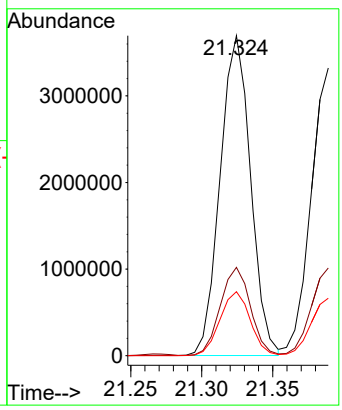


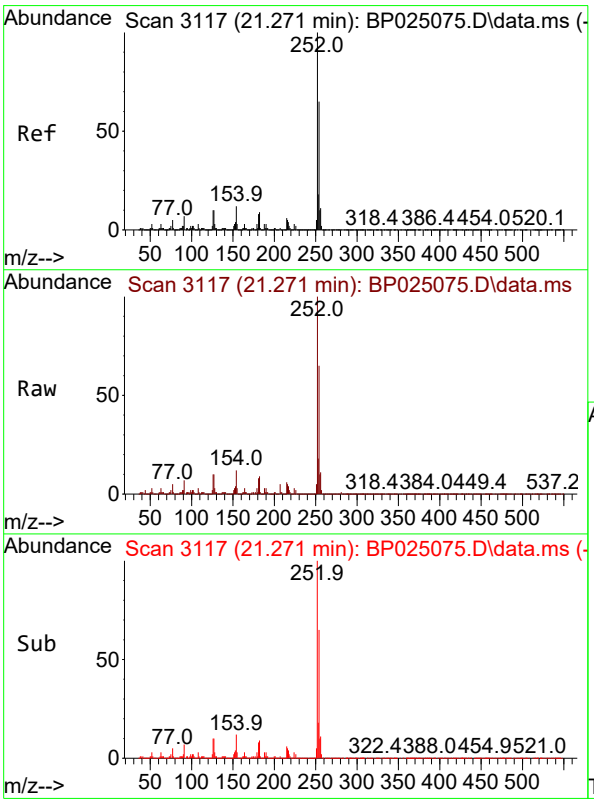
#81
Benzo(a)anthracene
Concen: 40.169 ng
RT: 21.324 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 5507840

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.0	16.0	24.0

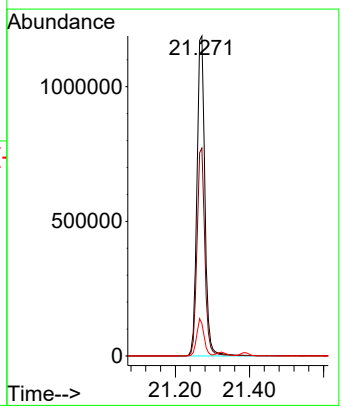


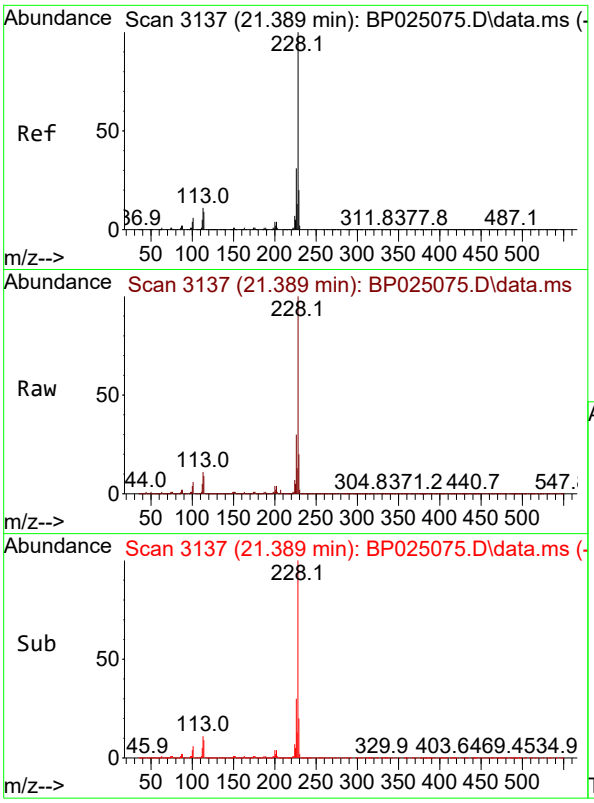


#82
3,3'-Dichlorobenzidine
Concen: 42.735 ng
RT: 21.271 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:252 Resp: 1763991

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	10.1	8.1	12.1



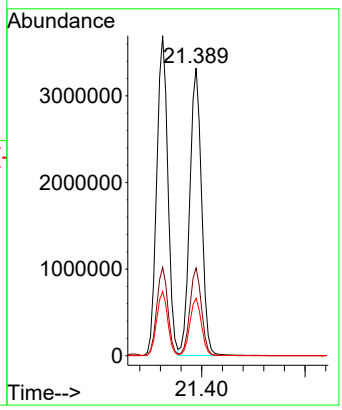


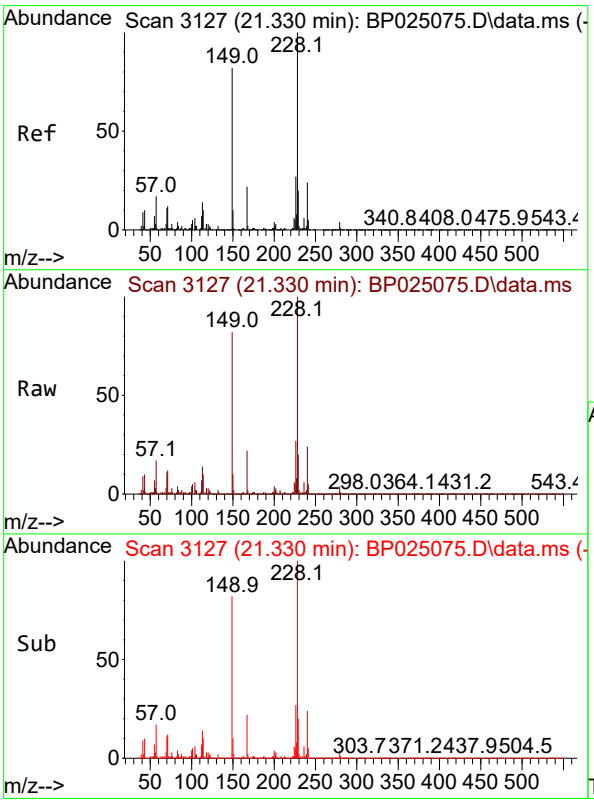
#83
Chrysene
Concen: 39.742 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 5244045

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.0	16.0	24.0

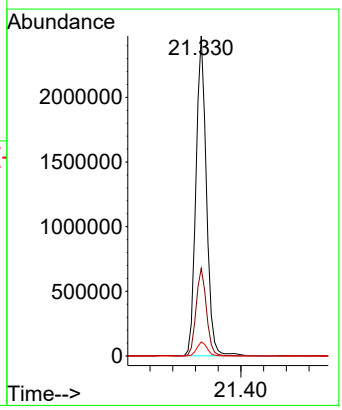


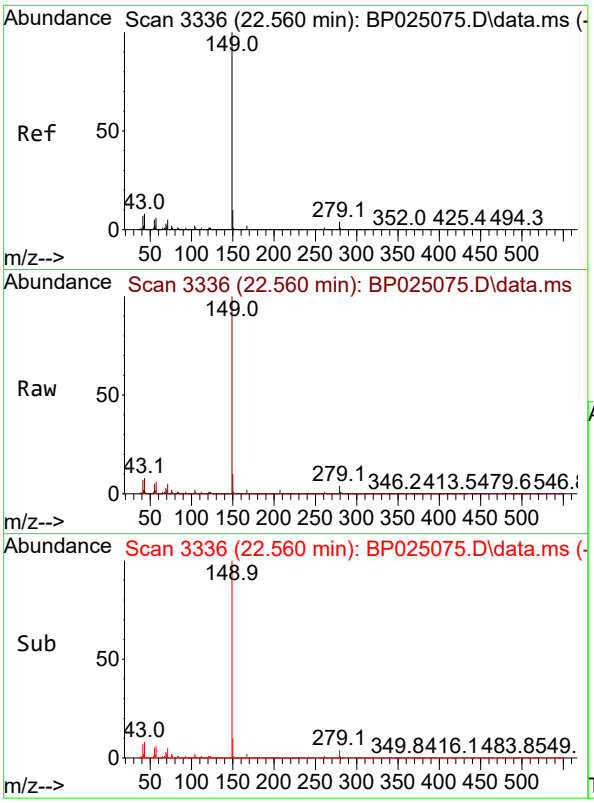


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.232 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:149 Resp: 3179611

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	4.4	3.5	5.3



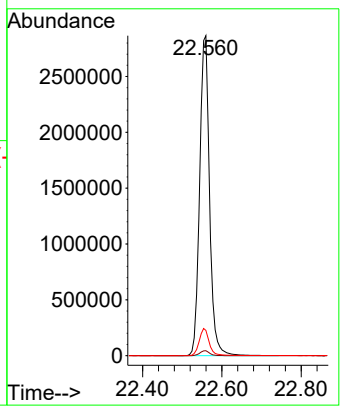


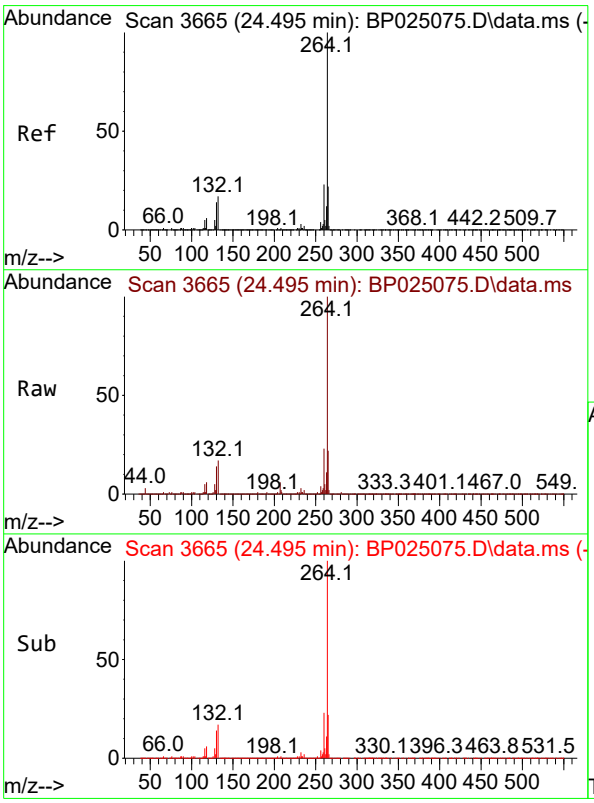
#85
Di-n-octyl phthalate
Concen: 38.152 ng
RT: 22.560 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 4951836

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	6.9	10.3

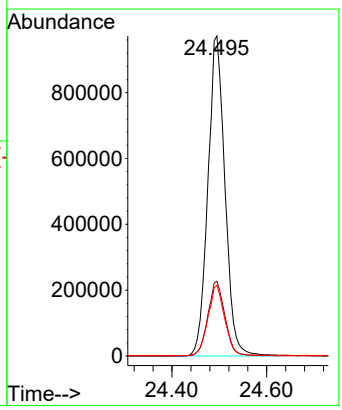


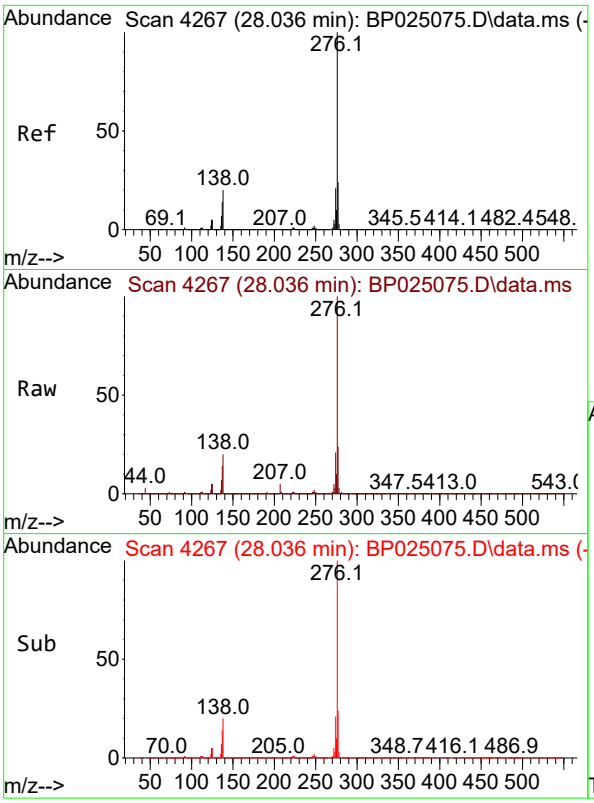


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:264 Resp: 2431657

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.1	17.7	26.5



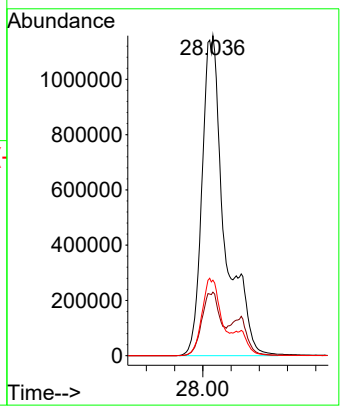


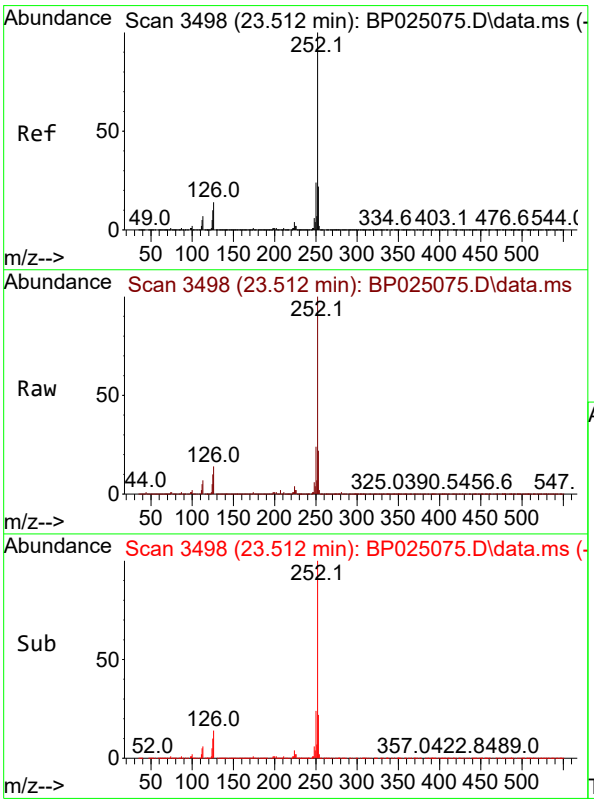
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.785 ng m
RT: 28.036 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 6474467

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.0	19.6
277	19.9	15.9	23.9

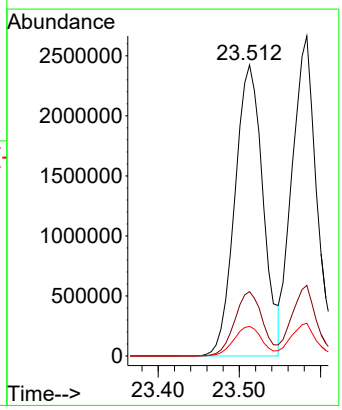


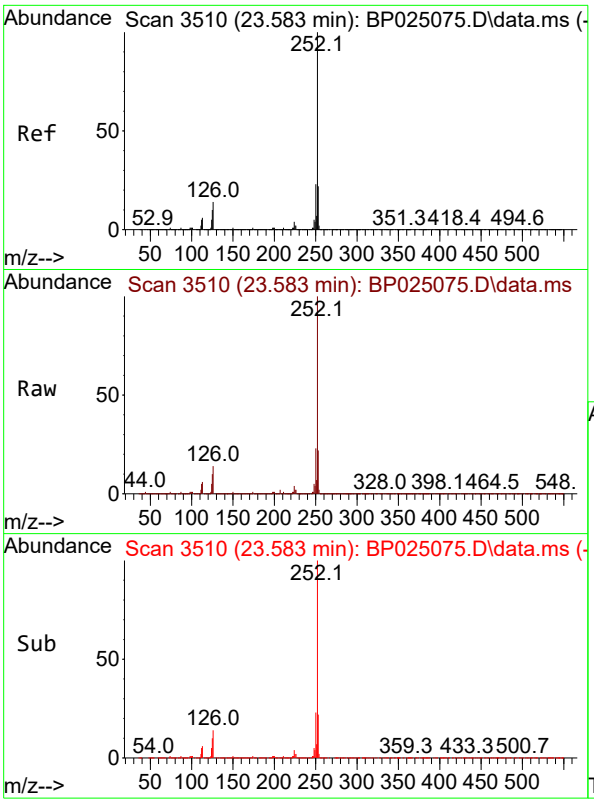


#88
Benzo(b)fluoranthene
Concen: 41.258 ng
RT: 23.512 min Scan# 3498
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:252 Resp: 5839482

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.1	8.1	12.1



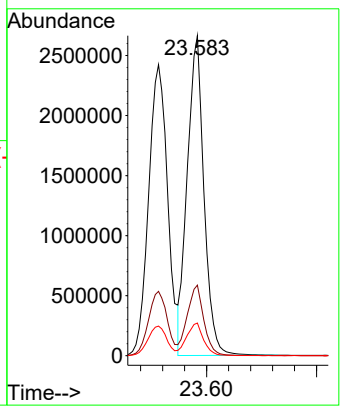


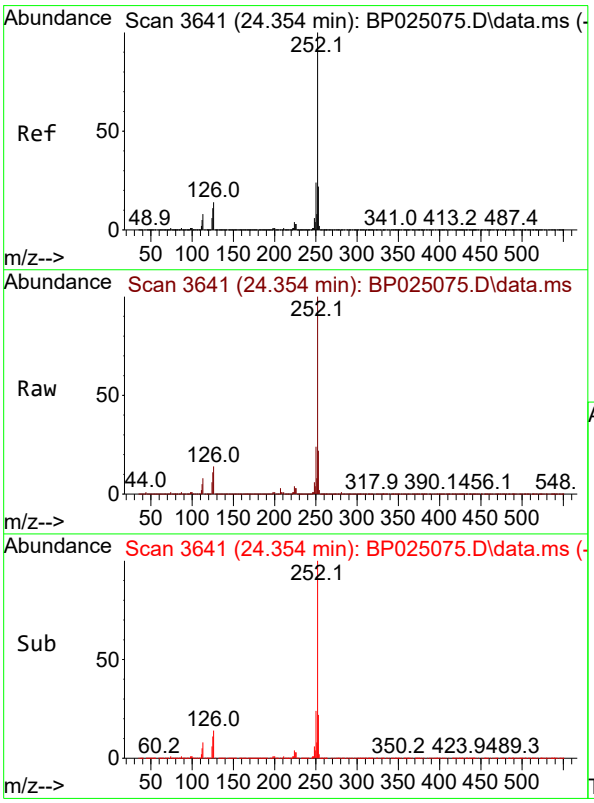
#89
Benzo(k)fluoranthene
Concen: 39.833 ng
RT: 23.583 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 5609534

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.2	12.2

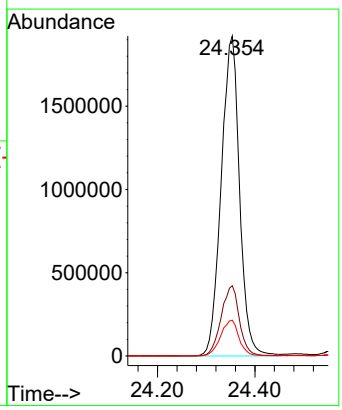


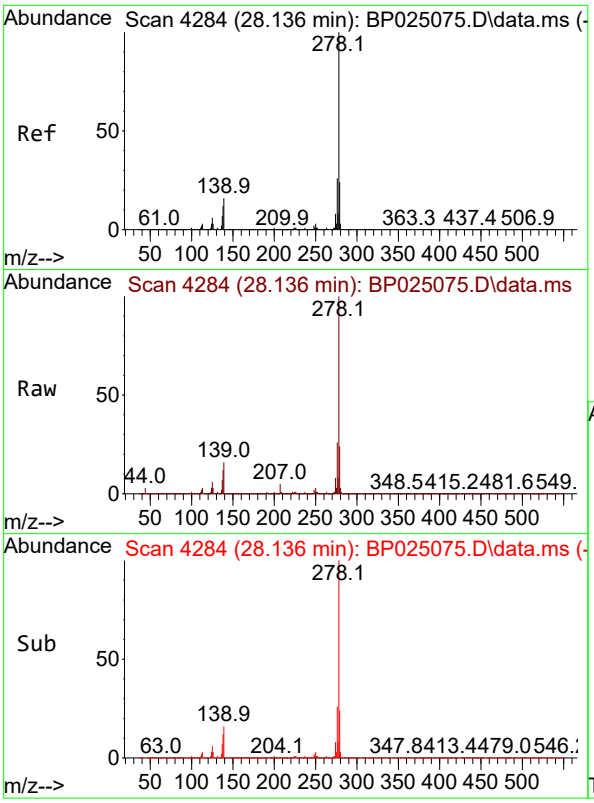


#90
Benzo(a)pyrene
Concen: 41.697 ng
RT: 24.354 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:252 Resp: 5022829

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.2	9.0	13.4



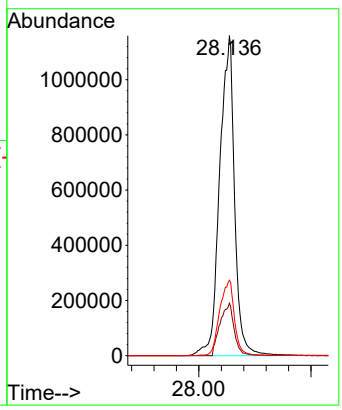


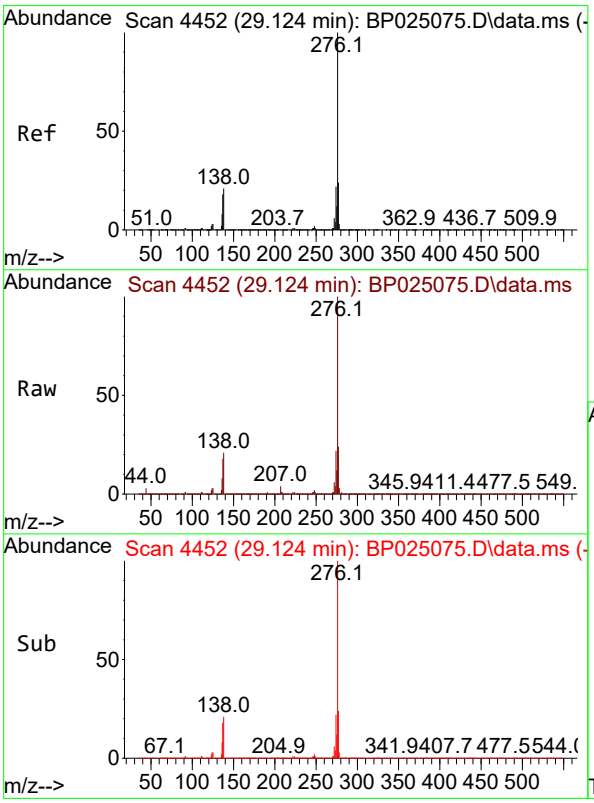
#91
Dibenzo(a,h)anthracene
Concen: 41.673 ng
RT: 28.136 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 5336147

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	23.6	18.9	28.3

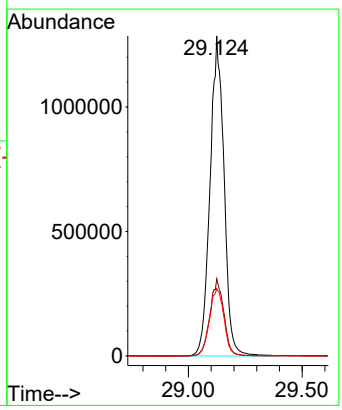




#92
Benzo(g,h,i)perylene
Concen: 41.443 ng
RT: 29.124 min Scan# 4452
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

Tgt Ion:276 Resp: 5482072

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	21.1	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025076.D
Acq On : 03 Jul 2025 13:07
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jul 03 15:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	426915	20.000	ng	0.00
21) Naphthalene-d8	10.195	136	1726448	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1117104	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2198784	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2246809	20.000	ng	0.01
86) Perylene-d12	24.518	264	2460402	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2404869	99.811	ng	0.00
7) Phenol-d6	6.631	99	3142540	99.945	ng	0.00
23) Nitrobenzene-d5	8.572	82	2657612	102.375	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	1362624	103.255	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	7037498	97.594	ng	0.00
79) Terphenyl-d14	19.683	244	10280025	100.557	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	448307	47.849	ng	100
3) Pyridine	3.490	79	1249873m	48.762	ng	
4) n-Nitrosodimethylamine	3.408	42	526435	48.471	ng	98
6) Aniline	6.790	93	1463015	49.800	ng	99
8) 2-Chlorophenol	7.019	128	1334192	49.491	ng	99
9) Benzaldehyde	6.602	77	730343	44.476	ng	98
10) Phenol	6.660	94	1584515	49.596	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1204826	49.001	ng	100
12) 1,3-Dichlorobenzene	7.331	146	1457893	48.321	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1476720	48.343	ng	98
14) 1,2-Dichlorobenzene	7.790	146	1418407	48.270	ng	100
15) Benzyl Alcohol	7.672	79	1056771	50.356	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1560041	48.796	ng	100
17) 2-Methylphenol	7.878	107	1039628	50.517	ng	99
18) Hexachloroethane	8.501	117	494292	49.671	ng	98
19) n-Nitroso-di-n-propyla...	8.243	70	930000	49.874	ng	99
20) 3+4-Methylphenols	8.201	107	1431288	49.653	ng	99
22) Acetophenone	8.243	105	1967270	48.182	ng	99
24) Nitrobenzene	8.607	77	1323155	50.040	ng	96
25) Isophorone	9.137	82	2464795	50.806	ng	100
26) 2-Nitrophenol	9.313	139	629107	48.958	ng	99
27) 2,4-Dimethylphenol	9.384	122	918599	50.760	ng	98
28) bis(2-Chloroethoxy)met...	9.625	93	1636120	49.669	ng	99
29) 2,4-Dichlorophenol	9.843	162	1314014	52.364	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	1365048	49.122	ng	98
31) Naphthalene	10.243	128	4337583	48.793	ng	100
32) Benzoic acid	9.531	122	859495	49.693	ng	97
33) 4-Chloroaniline	10.343	127	1645871	49.611	ng	99
34) Hexachlorobutadiene	10.543	225	793648	49.768	ng	99
35) Caprolactam	11.107	113	422268	49.189	ng	99
36) 4-Chloro-3-methylphenol	11.484	107	1335155	50.915	ng	99
37) 2-Methylnaphthalene	11.860	142	3084171	49.170	ng	100
38) 1-Methylnaphthalene	12.089	142	2983697	48.774	ng	100
40) 1,2,4,5-Tetrachloroben...	12.242	216	1612893	50.237	ng	100
41) Hexachlorocyclopentadiene	12.231	237	452638	53.975	ng	100
43) 2,4,6-Trichlorophenol	12.489	196	1026903	52.823	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025076.D
Acq On : 03 Jul 2025 13:07
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jul 03 15:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1151711	52.275	ng	99
46) 1,1'-Biphenyl	12.907	154	4006544	49.294	ng	100
47) 2-Chloronaphthalene	12.942	162	2986246	48.883	ng	100
48) 2-Nitroaniline	13.148	65	722237	48.247	ng	97
49) Acenaphthylene	13.813	152	4634923	49.571	ng	100
50) Dimethylphthalate	13.560	163	3810769	48.733	ng	99
51) 2,6-Dinitrotoluene	13.660	165	811379	53.202	ng	98
52) Acenaphthene	14.160	154	2923605	48.515	ng	99
53) 3-Nitroaniline	13.989	138	865670	52.965	ng	96
54) 2,4-Dinitrophenol	14.207	184	335631	47.384	ng	96
55) Dibenzofuran	14.507	168	4802343	48.287	ng	99
56) 4-Nitrophenol	14.313	139	764396	50.679	ng	98
57) 2,4-Dinitrotoluene	14.472	165	1081273	48.291	ng	97
58) Fluorene	15.172	166	3727642	48.458	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1014960	50.872	ng	99
60) Diethylphthalate	14.972	149	3816042	48.587	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1839971	48.332	ng	99
62) 4-Nitroaniline	15.189	138	890284	51.948	ng	100
63) Azobenzene	15.472	77	3381849	48.355	ng	98
65) 4,6-Dinitro-2-methylph...	15.254	198	488912	48.762	ng	98
66) n-Nitrosodiphenylamine	15.389	169	3156476	50.162	ng	99
67) 4-Bromophenyl-phenylether	16.089	248	1145496	50.881	ng	98
68) Hexachlorobenzene	16.195	284	1365447	49.621	ng	100
69) Atrazine	16.395	200	937888	50.863	ng	99
70) Pentachlorophenol	16.554	266	975866	52.511	ng	99
71) Phenanthrene	16.954	178	5660551	48.179	ng	100
72) Anthracene	17.054	178	5614698	49.812	ng	100
73) Carbazole	17.325	167	5444196	49.399	ng	100
74) Di-n-butylphthalate	17.966	149	6469226	52.713	ng	99
75) Fluoranthene	19.054	202	6865989	49.995	ng	99
77) Benzidine	19.271	184	2357157	59.401	ng	99
78) Pyrene	19.436	202	7028090	50.503	ng	99
80) Butylbenzylphthalate	20.442	149	2645413	49.237	ng	99
81) Benzo(a)anthracene	21.336	228	6780561	49.798	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	2241436	54.684	ng	98
83) Chrysene	21.395	228	6500368	49.609	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	4140331	56.690	ng	99
85) Di-n-octyl phthalate	22.565	149	6776549	50.271	ng	100
87) Indeno(1,2,3-cd)pyrene	28.059	276	8400646m	53.583	ng	
88) Benzo(b)fluoranthene	23.518	252	7308592	51.035	ng	100
89) Benzo(k)fluoranthene	23.595	252	7114695	49.931	ng	100
90) Benzo(a)pyrene	24.359	252	6366556	52.234	ng	100
91) Dibenzo(a,h)anthracene	28.136	278	6926985	53.464	ng	99
92) Benzo(g,h,i)perylene	29.159	276	7023994	52.480	ng	100

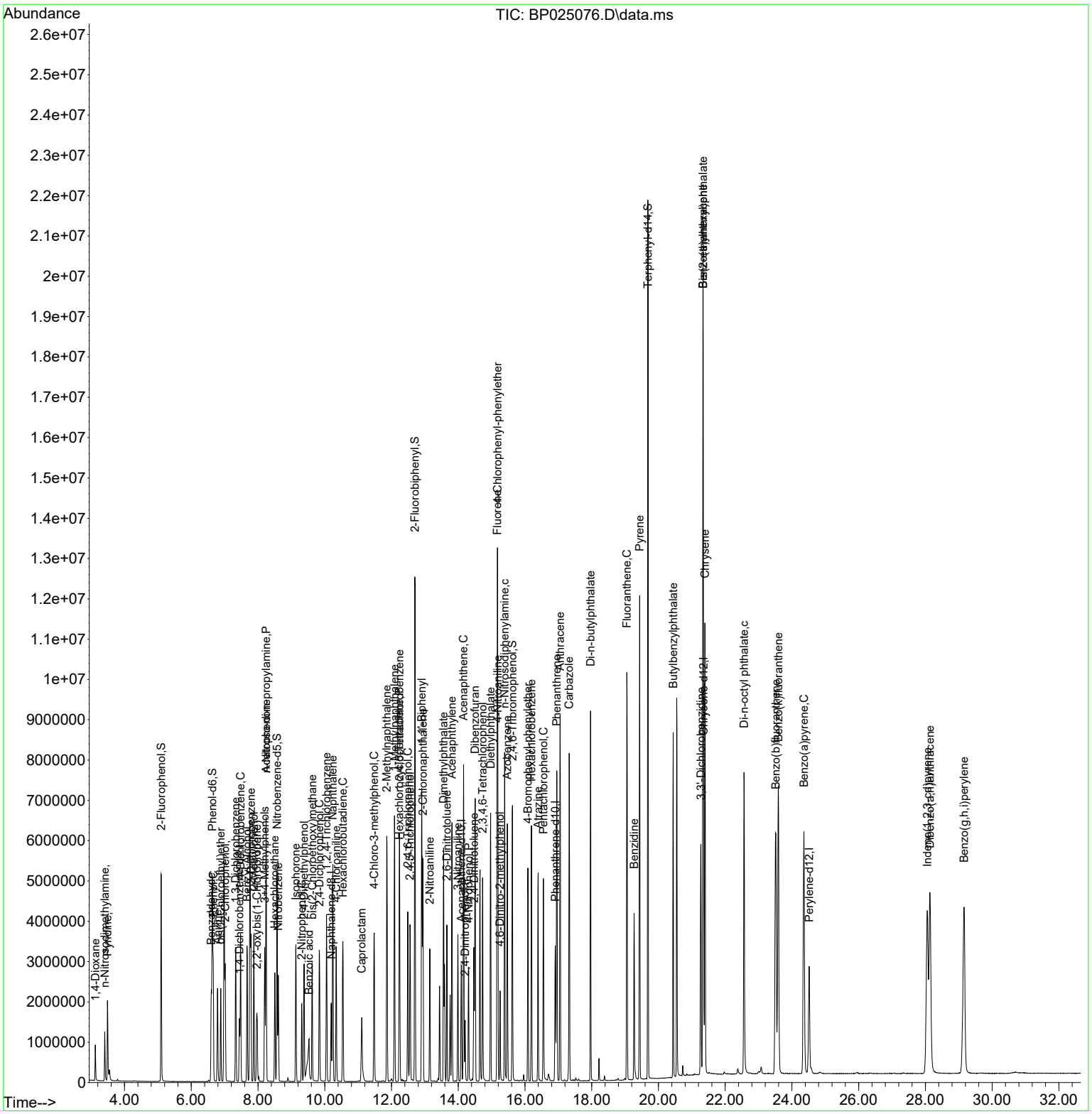
(#) = qualifier out of range (m) = manual integration (+) = signals summed

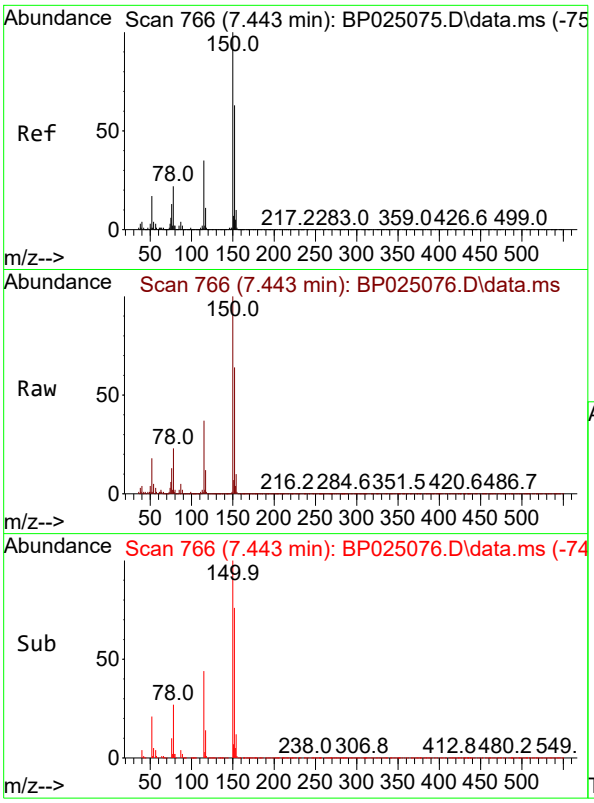
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025076.D
Acq On : 03 Jul 2025 13:07
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jul 03 15:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



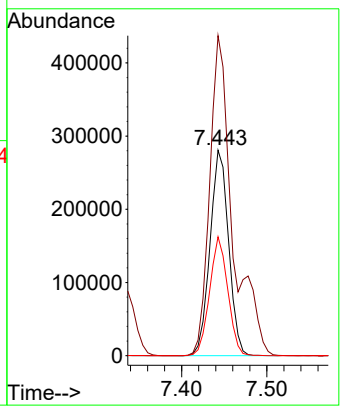


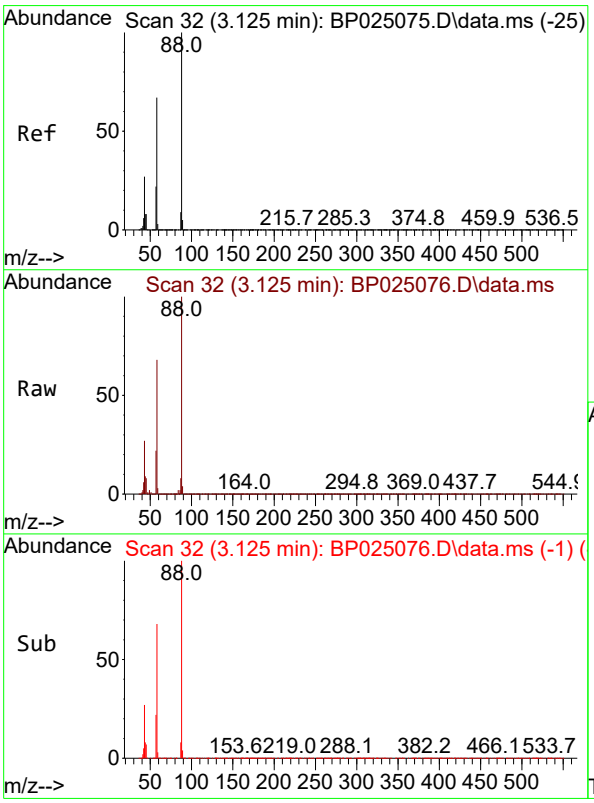
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 426915

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.1	189.1
115	57.8	44.3	66.5

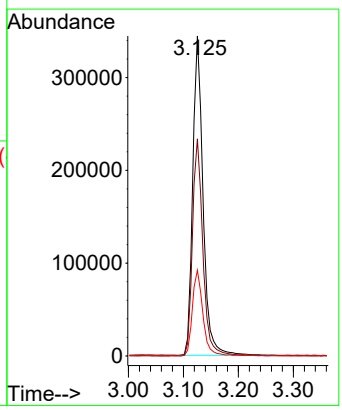


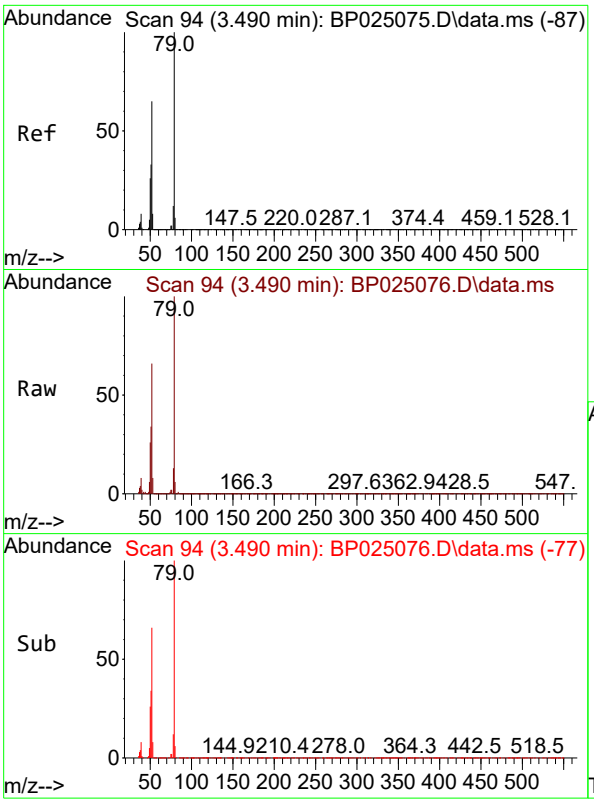


#2
1,4-Dioxane
Concen: 47.849 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 88 Resp: 448307

Ion	Ratio	Lower	Upper
88	100		
58	68.8	55.0	82.4
43	27.3	21.9	32.9



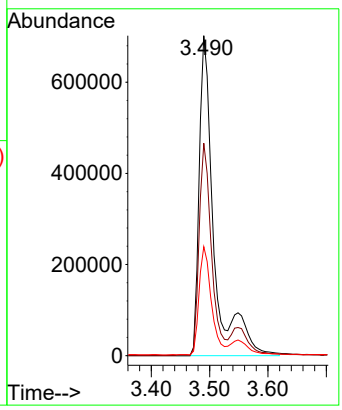


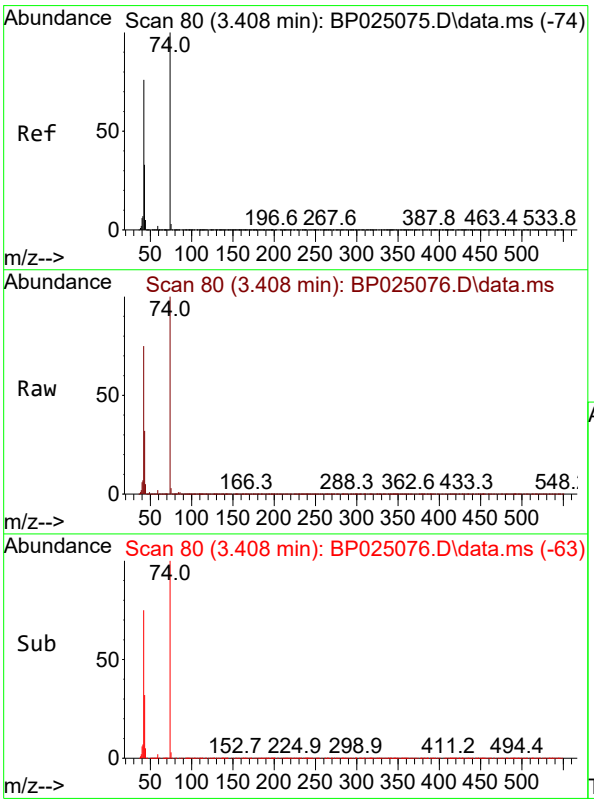
#3
Pyridine
Concen: 48.762 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1249873

Ion	Ratio	Lower	Upper
79	100		
52	66.4	52.2	78.4
51	34.0	26.8	40.2

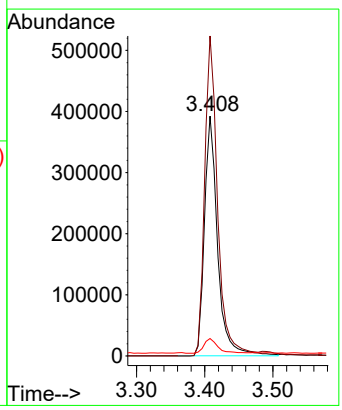


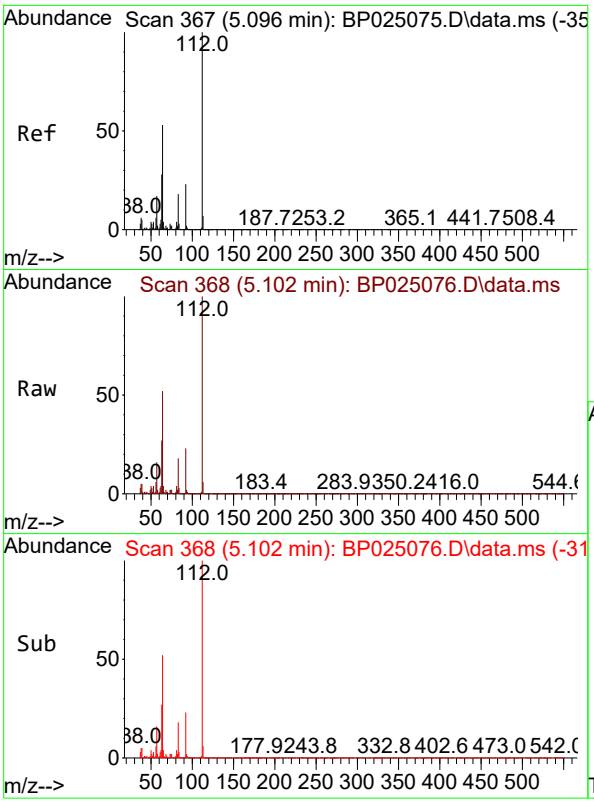


#4
n-Nitrosodimethylamine
Concen: 48.471 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 42 Resp: 526435

Ion	Ratio	Lower	Upper
42	100		
74	133.4	105.2	157.8
44	7.2	6.6	9.8



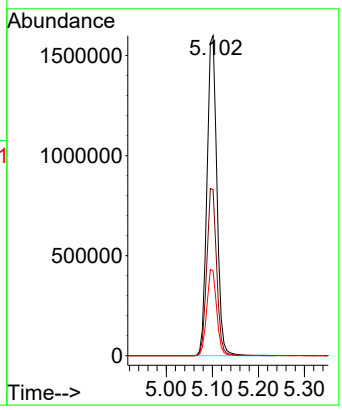


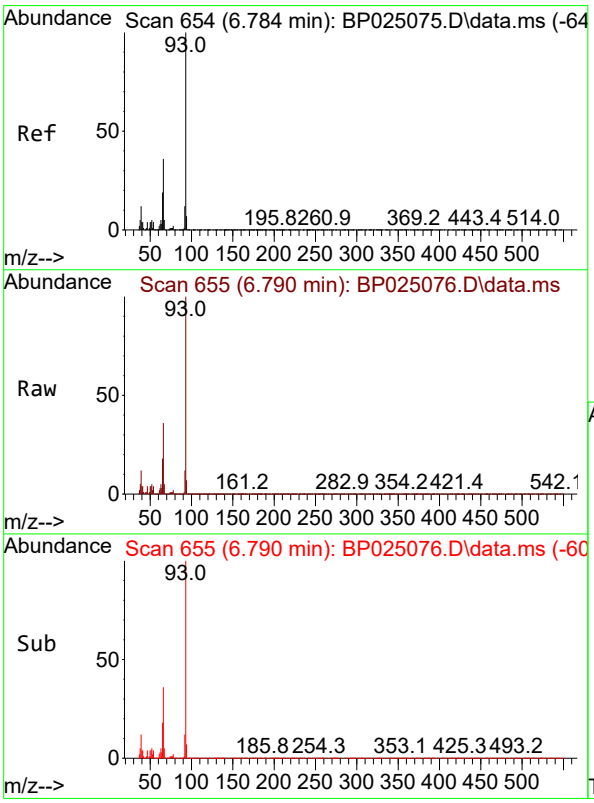
#5
2-Fluorophenol
Concen: 99.811 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 2404869

Ion	Ratio	Lower	Upper
112	100		
64	51.9	42.0	63.0
63	26.6	22.2	33.2

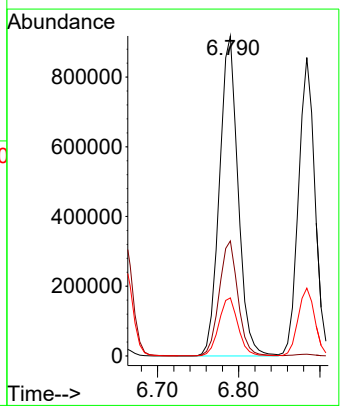


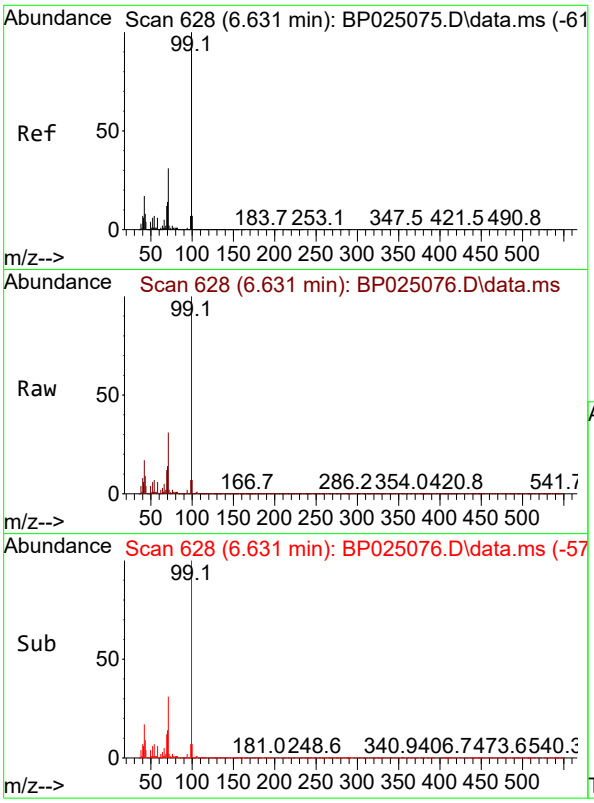


#6
Aniline
Concen: 49.800 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 93 Resp: 1463015

Ion	Ratio	Lower	Upper
93	100		
66	36.0	28.9	43.3
65	18.2	15.2	22.8



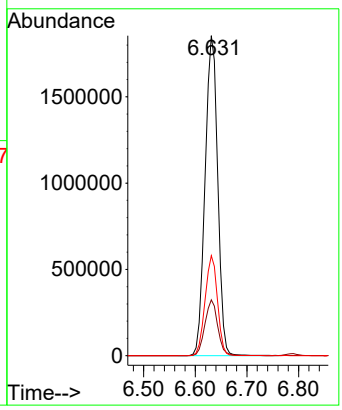


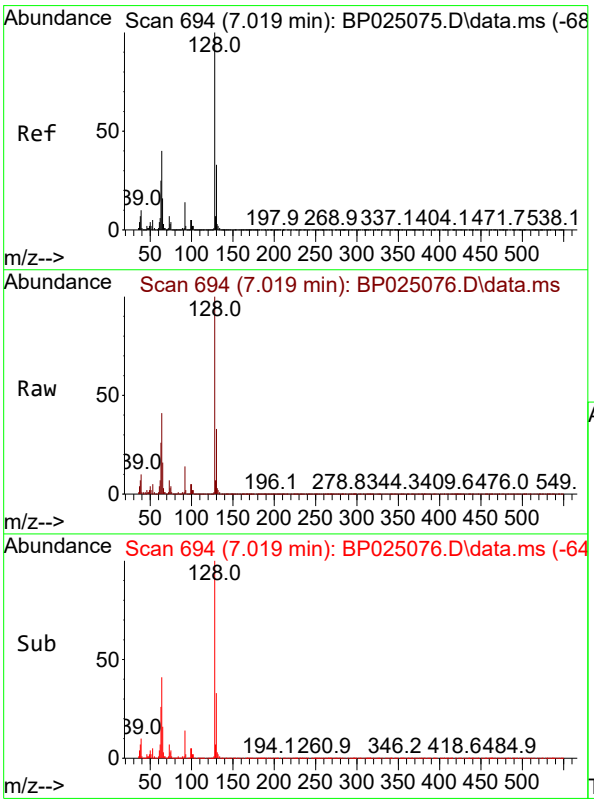
#7
Phenol-d6
Concen: 99.945 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 3142540

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.6	20.4
71	31.2	24.4	36.6

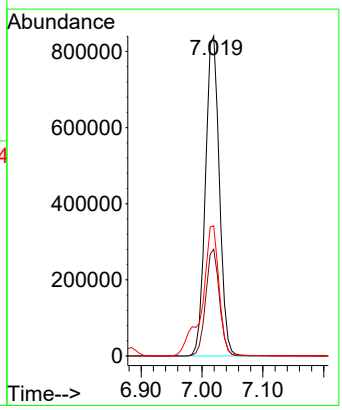


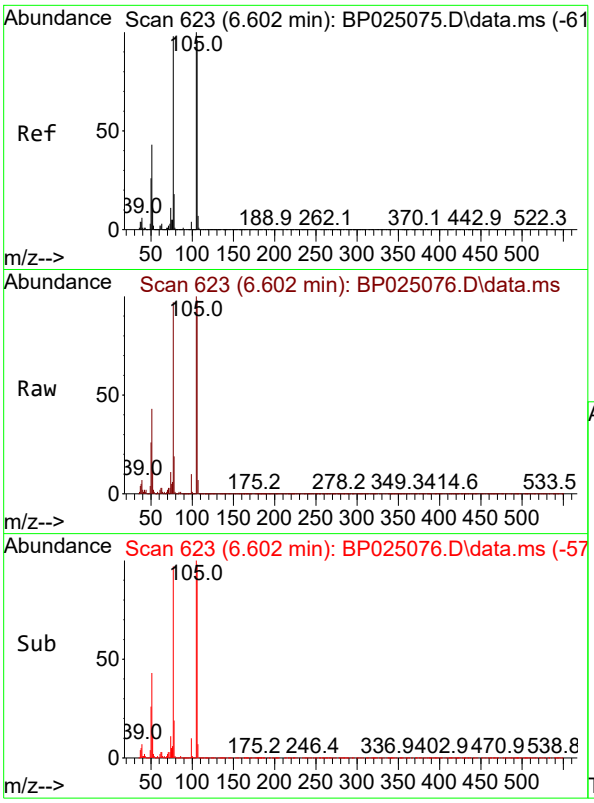


#8
2-Chlorophenol
Concen: 49.491 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:128 Resp: 1334192

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.9	52.9
64	40.6	20.3	60.3



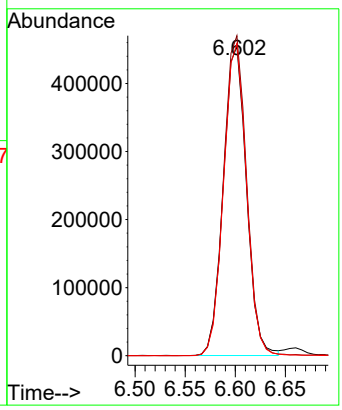


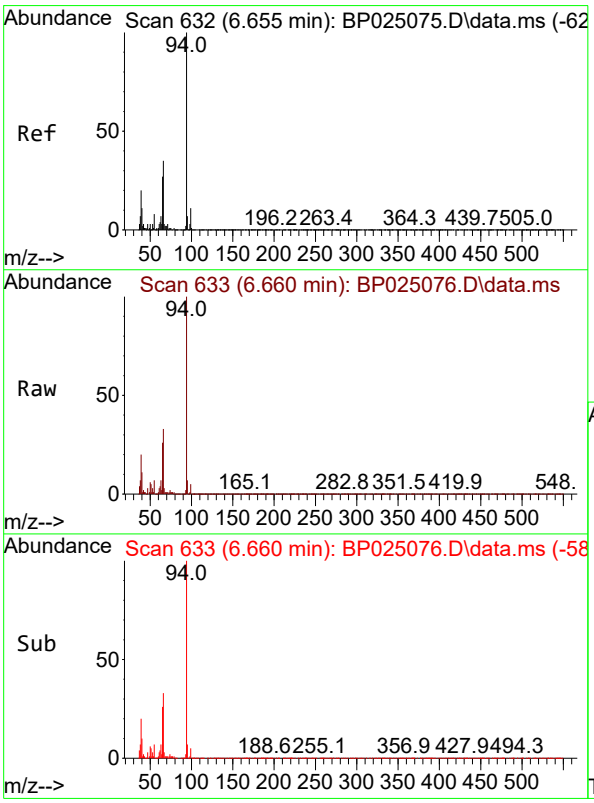
#9
Benzaldehyde
Concen: 44.476 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 730343

Ion	Ratio	Lower	Upper
77	100		
105	103.5	82.4	122.4
106	100.9	78.3	118.3

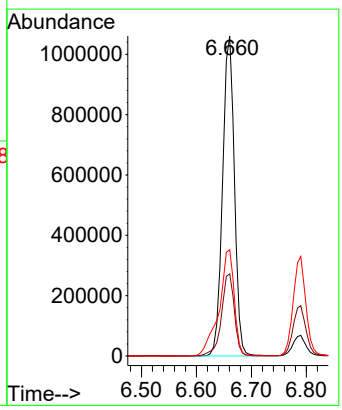


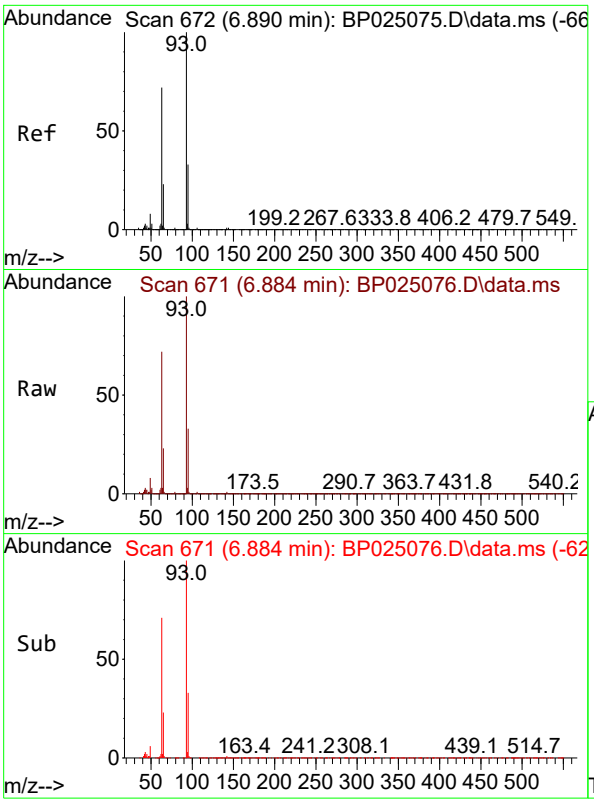


#10
Phenol
Concen: 49.596 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 94 Resp: 1584515

Ion	Ratio	Lower	Upper
94	100		
65	25.6	6.9	46.9
66	33.2	14.6	54.6



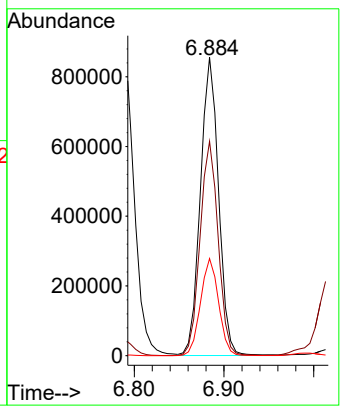


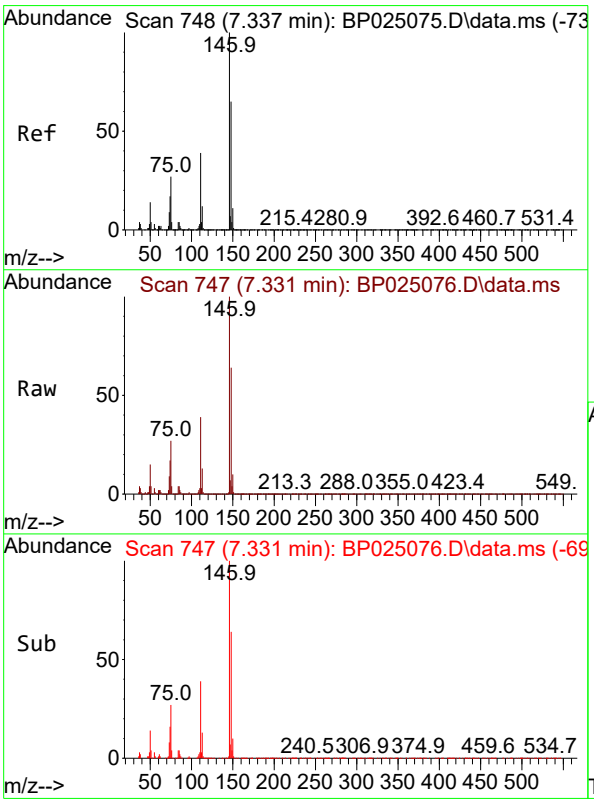
#11
bis(2-Chloroethyl)ether
Concen: 49.001 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 1204826

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	32.6	12.4	52.4

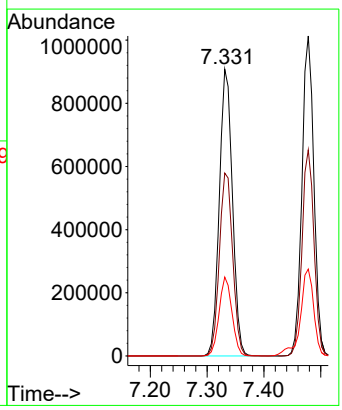


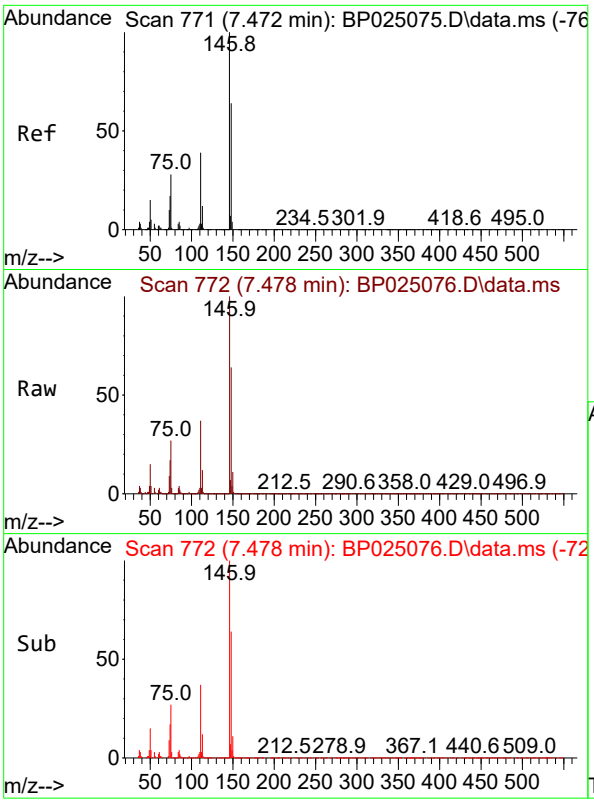


#12
1,3-Dichlorobenzene
Concen: 48.321 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:146 Resp: 1457893

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	27.5	21.8	32.6



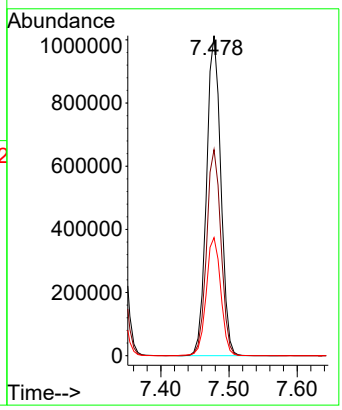


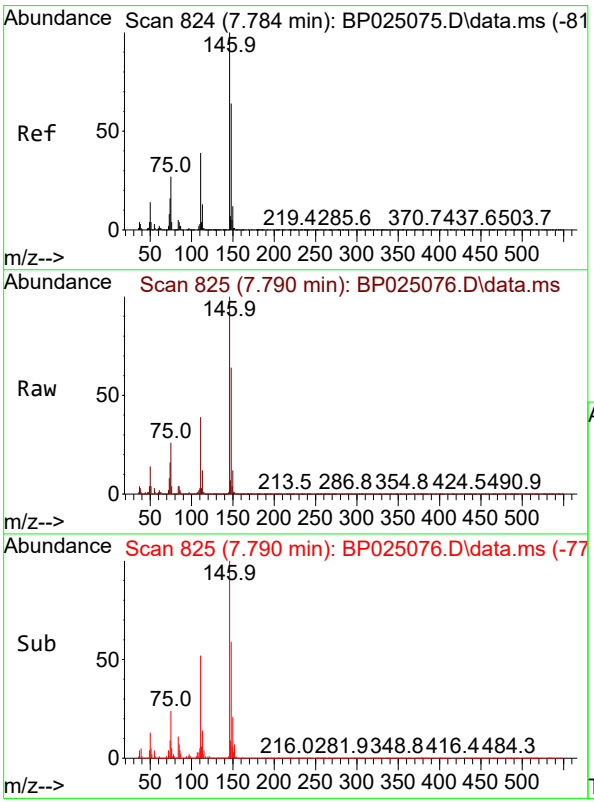
#13
1,4-Dichlorobenzene
Concen: 48.343 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 1476720

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	36.9	31.2	46.8

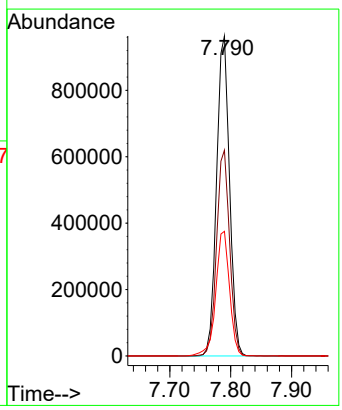


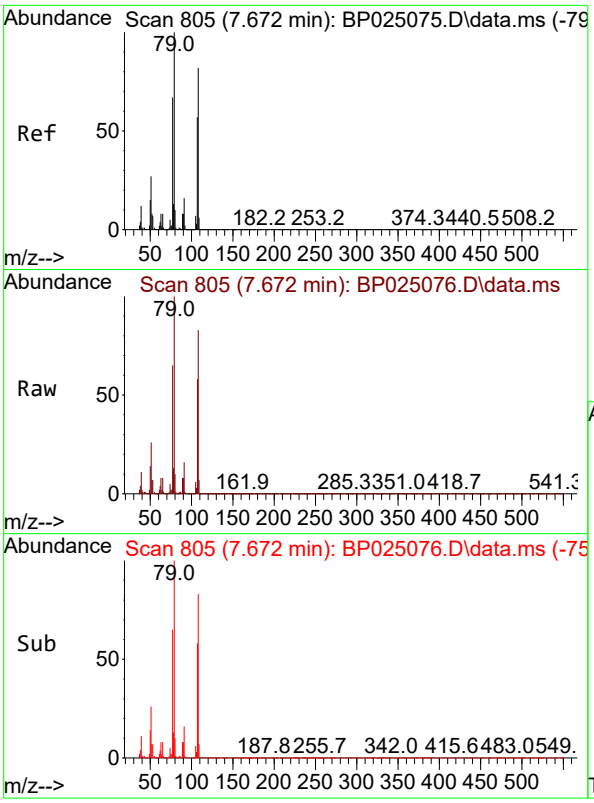


#14
1,2-Dichlorobenzene
Concen: 48.270 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:146 Resp: 1418407

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	39.0	31.2	46.8



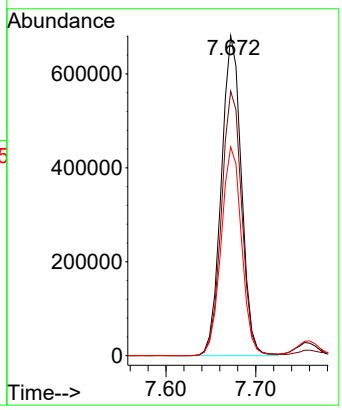


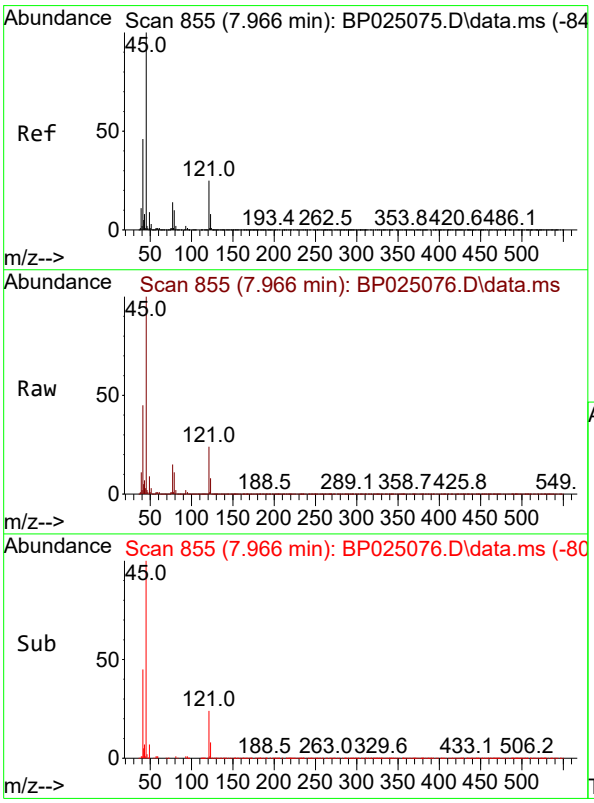
#15
Benzyl Alcohol
Concen: 50.356 ng
RT: 7.672 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1056771

Ion	Ratio	Lower	Upper
79	100		
108	82.7	66.0	99.0
77	65.3	53.4	80.2

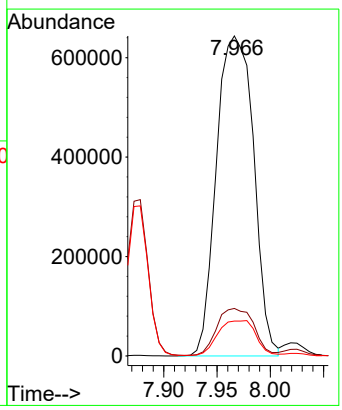


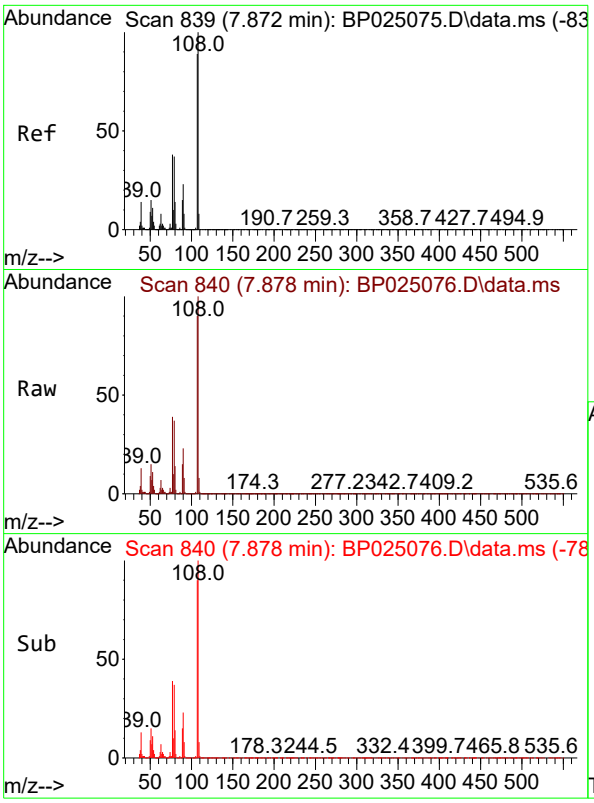


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.796 ng
RT: 7.966 min Scan# 855
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 45 Resp: 1560041

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.8
79	10.9	0.0	30.7



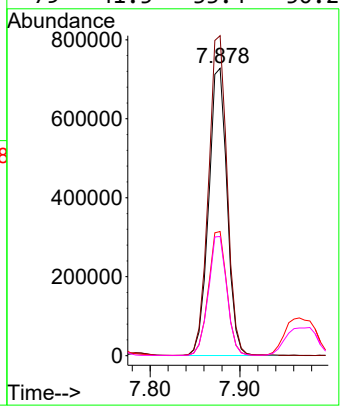


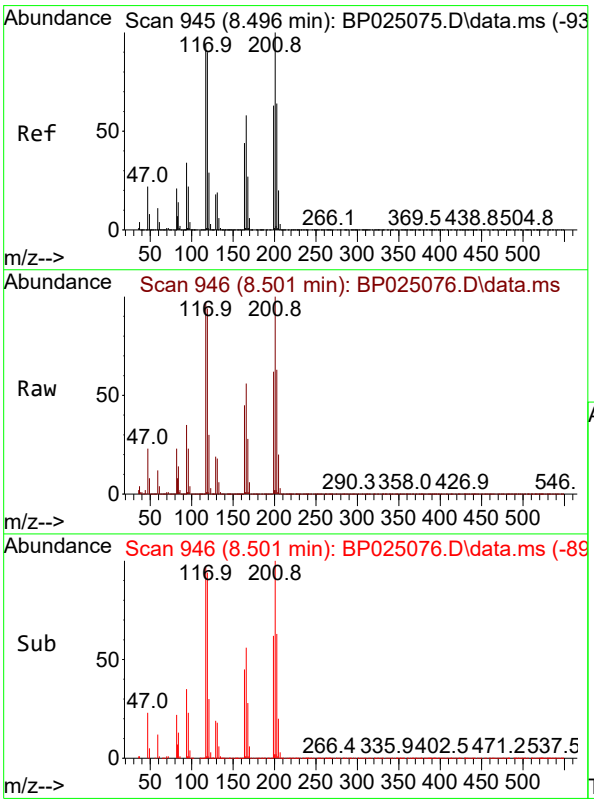
#17
2-Methylphenol
Concen: 50.517 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 1039628

Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.7	134.5
77	43.2	34.2	51.4
79	41.5	33.4	50.2

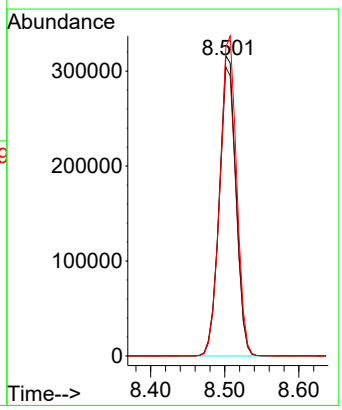


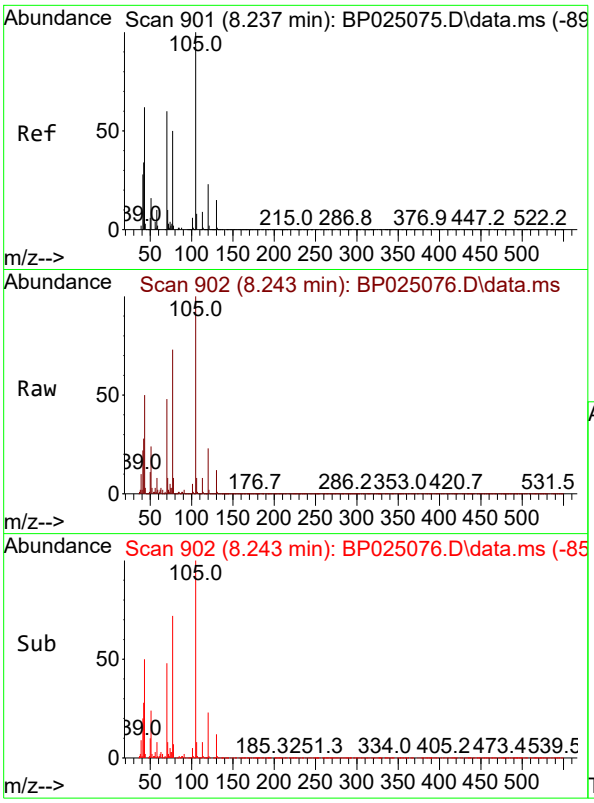


#18
Hexachloroethane
Concen: 49.671 ng
RT: 8.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:117 Resp: 494292

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	115.0
201	102.8	85.4	128.2



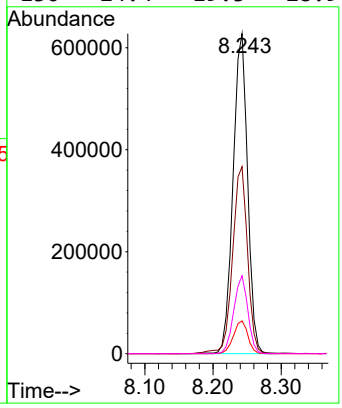


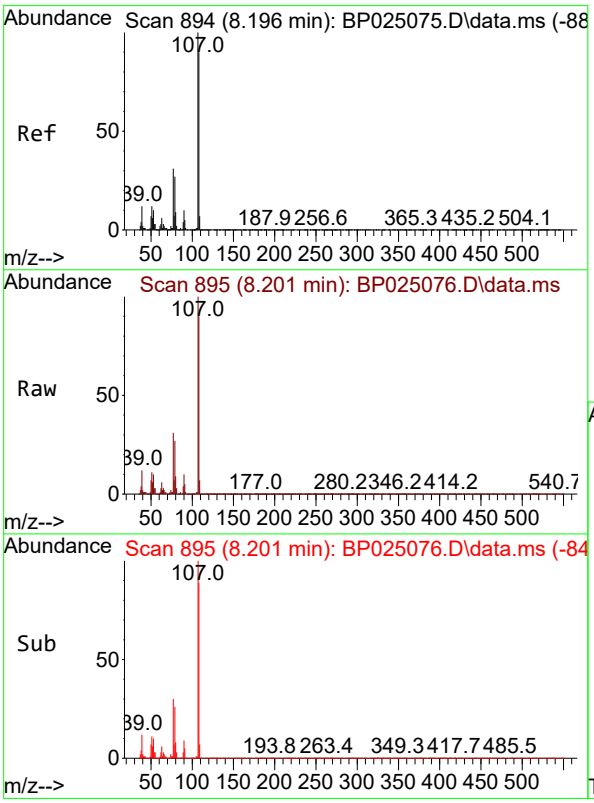
#19
n-Nitroso-di-n-propylamine
Concen: 49.874 ng
RT: 8.243 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 930000

Ion	Ratio	Lower	Upper
70	100		
42	58.5	46.5	69.7
101	10.2	7.9	11.9
130	24.4	19.3	28.9

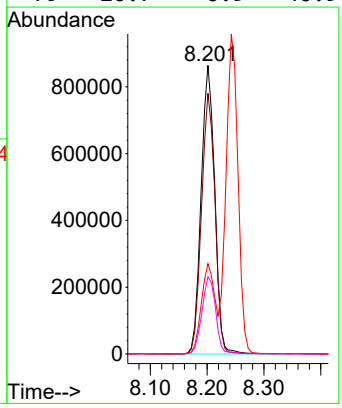


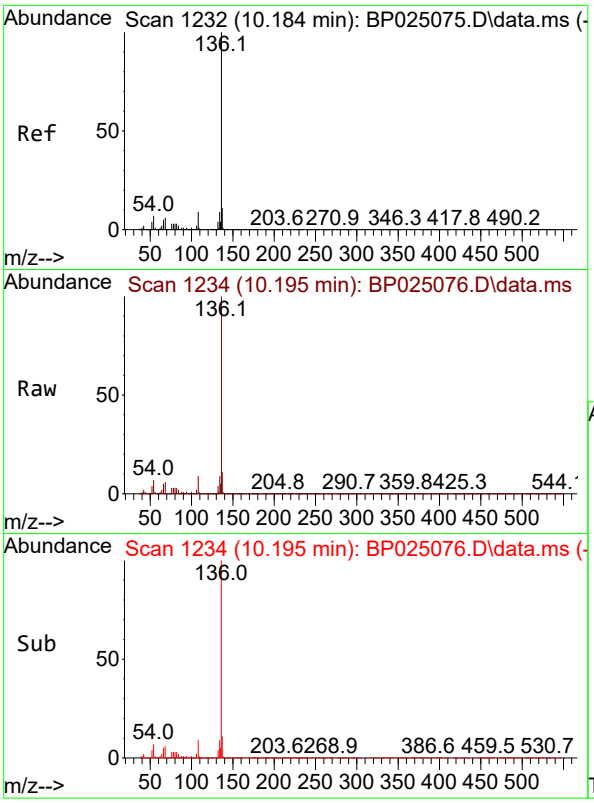


#20
3+4-Methylphenols
Concen: 49.653 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:107 Resp: 1431288

Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.5	109.5
77	31.3	11.4	51.4
79	26.7	6.9	46.9



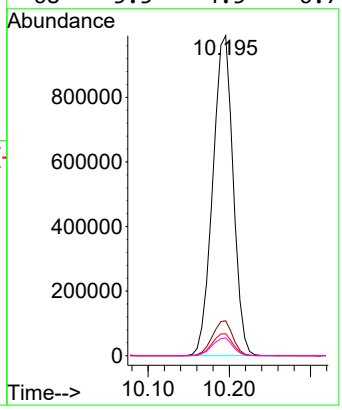


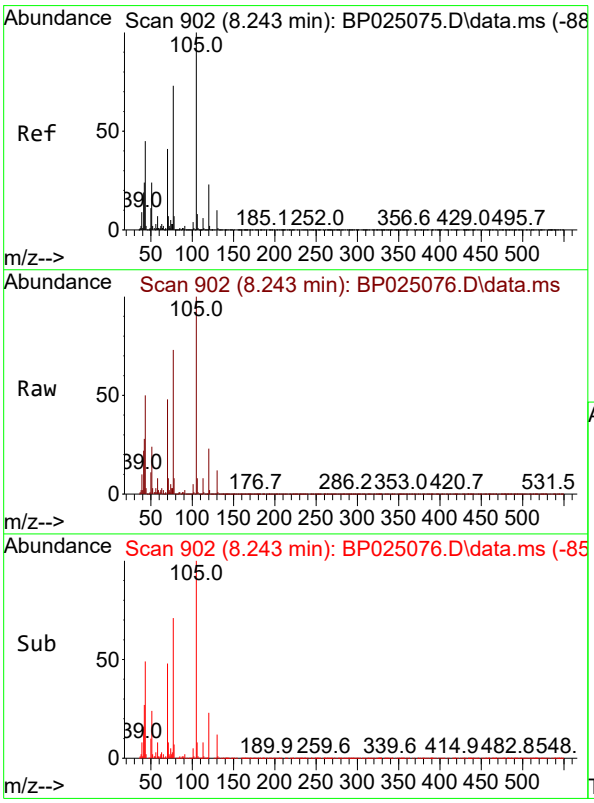
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.195 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 1726448

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.4	8.2
68	5.5	4.5	6.7

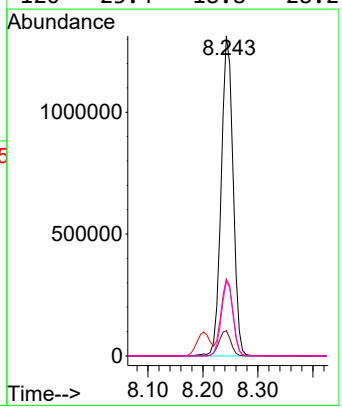


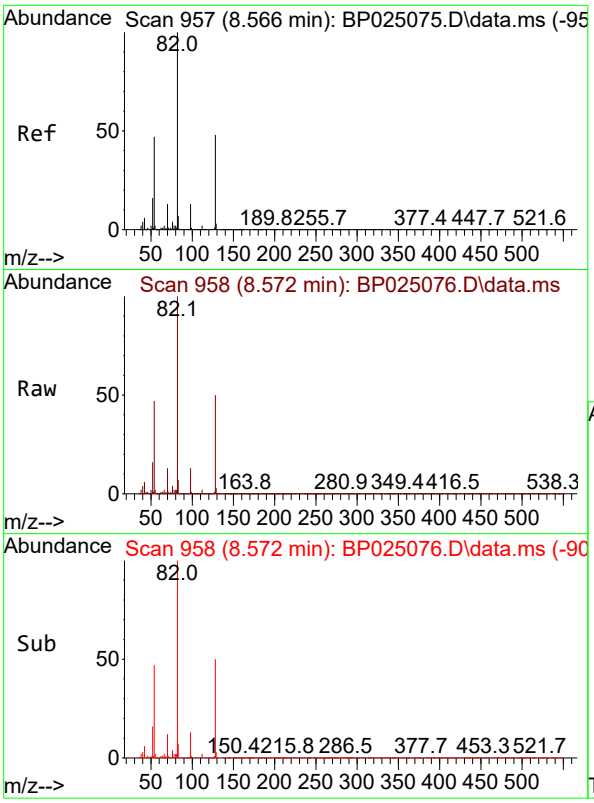


#22
Acetophenone
Concen: 48.182 ng
RT: 8.243 min Scan# 902
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:105 Resp: 1967270

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.4	8.2
51	24.1	19.6	29.4
120	23.4	18.8	28.2



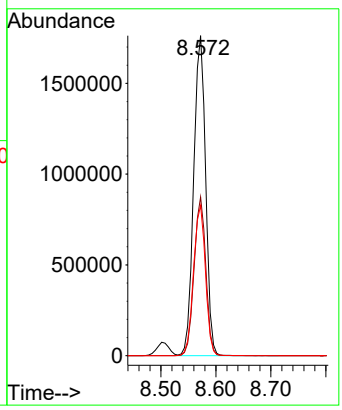


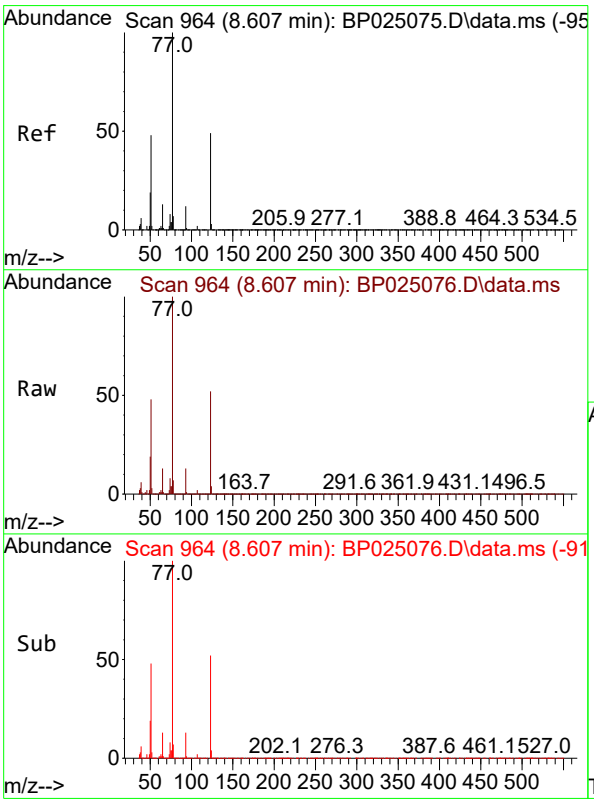
#23
Nitrobenzene-d5
Concen: 102.375 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2657612

Ion	Ratio	Lower	Upper
82	100		
128	49.6	38.4	57.6
54	46.9	37.8	56.6

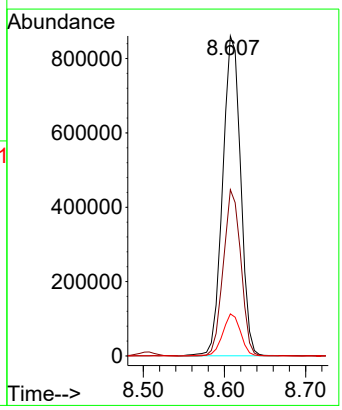


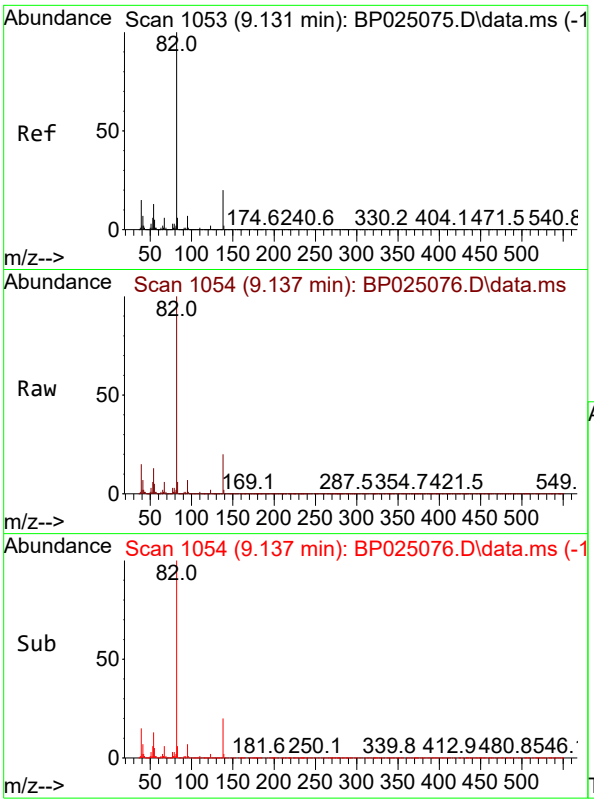


#24
Nitrobenzene
Concen: 50.040 ng
RT: 8.607 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 77 Resp: 1323155

Ion	Ratio	Lower	Upper
77	100		
123	52.0	39.0	58.6
65	13.1	10.7	16.1



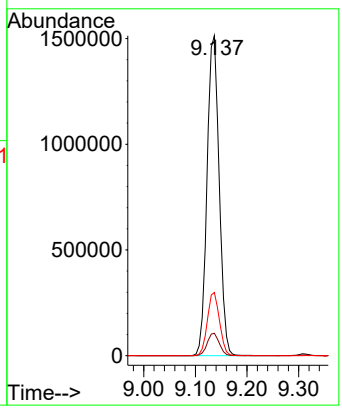


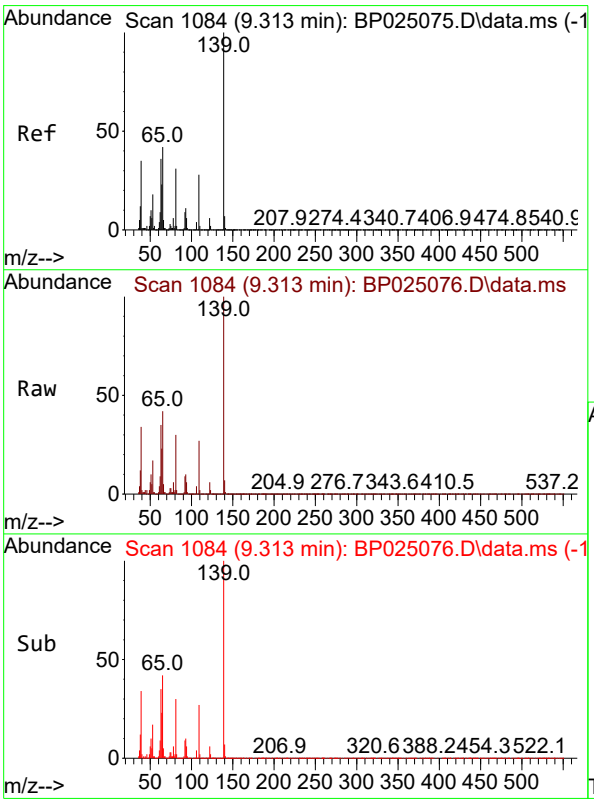
#25
Isophorone
Concen: 50.806 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2464795

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	19.8	15.7	23.5

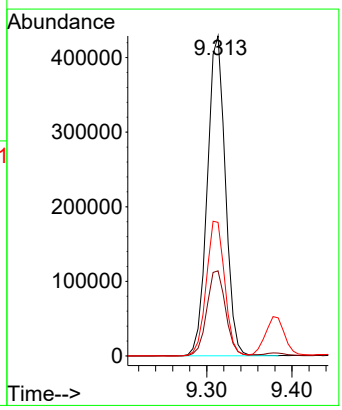


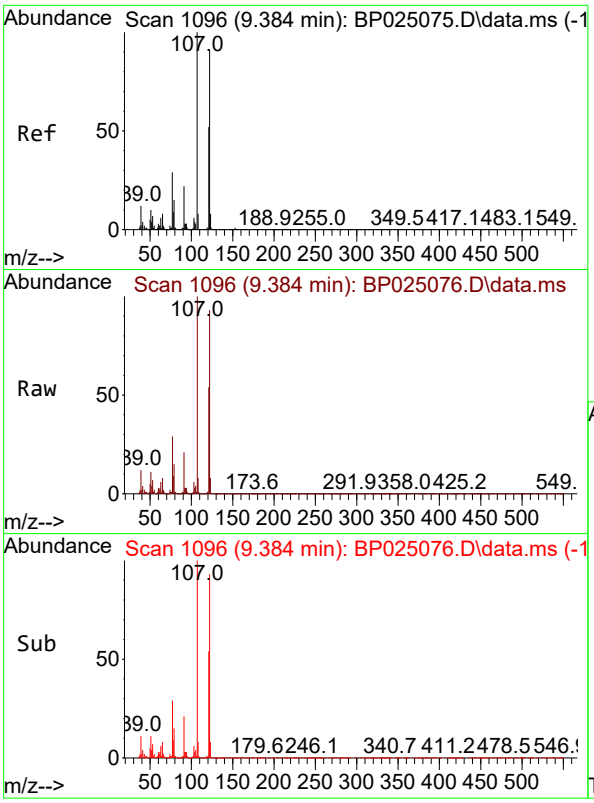


#26
2-Nitrophenol
Concen: 48.958 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:139 Resp: 629107

Ion	Ratio	Lower	Upper
139	100		
109	26.6	22.3	33.5
65	41.8	33.8	50.8



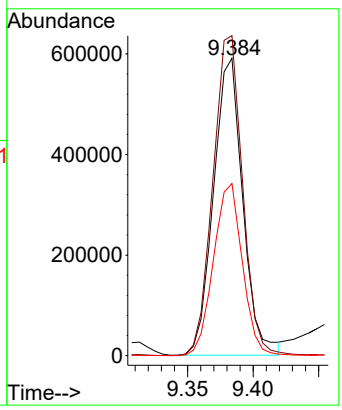


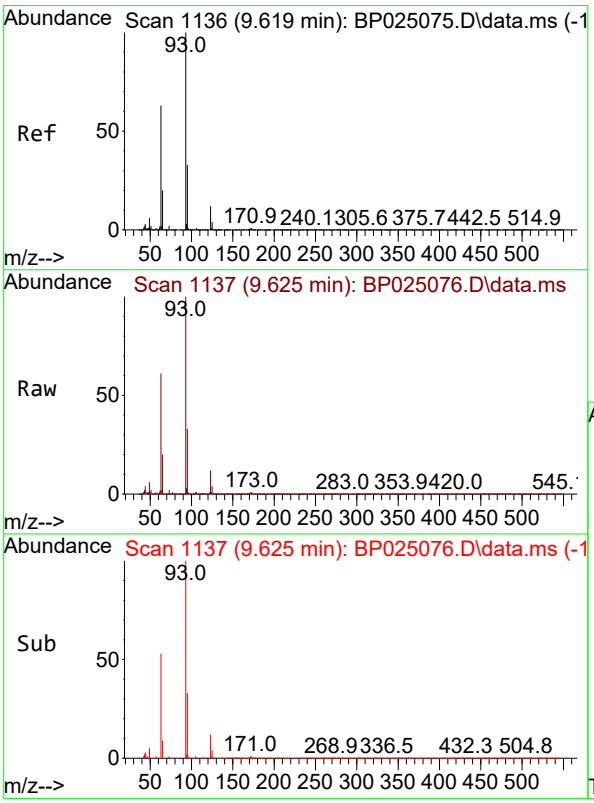
#27
2,4-Dimethylphenol
Concen: 50.760 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 918599

Ion	Ratio	Lower	Upper
122	100		
107	107.6	88.2	132.2
121	57.9	46.1	69.1

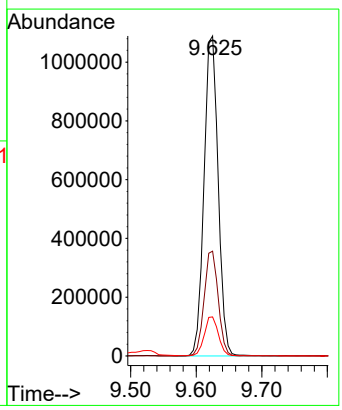


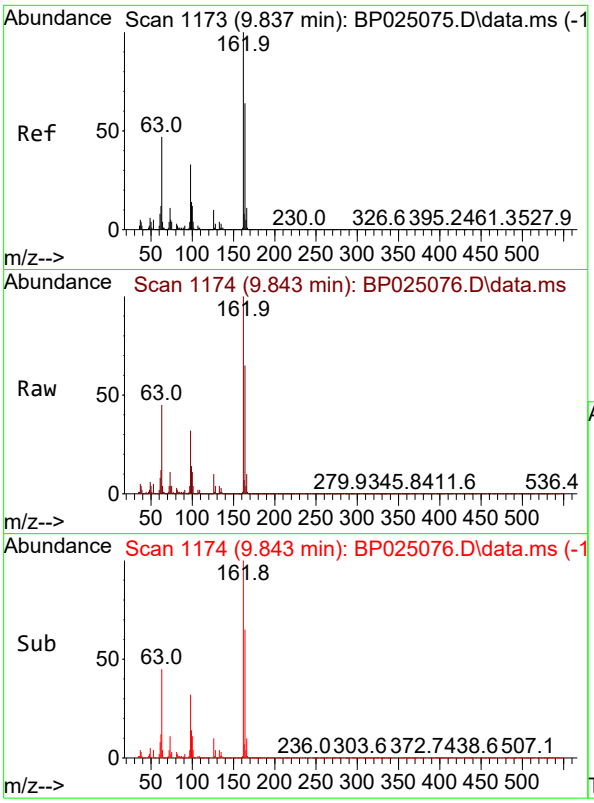


#28
bis(2-Chloroethoxy)methane
Concen: 49.669 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 93 Resp: 1636120

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.2	10.1	15.1



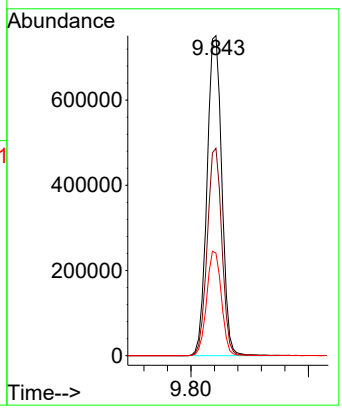


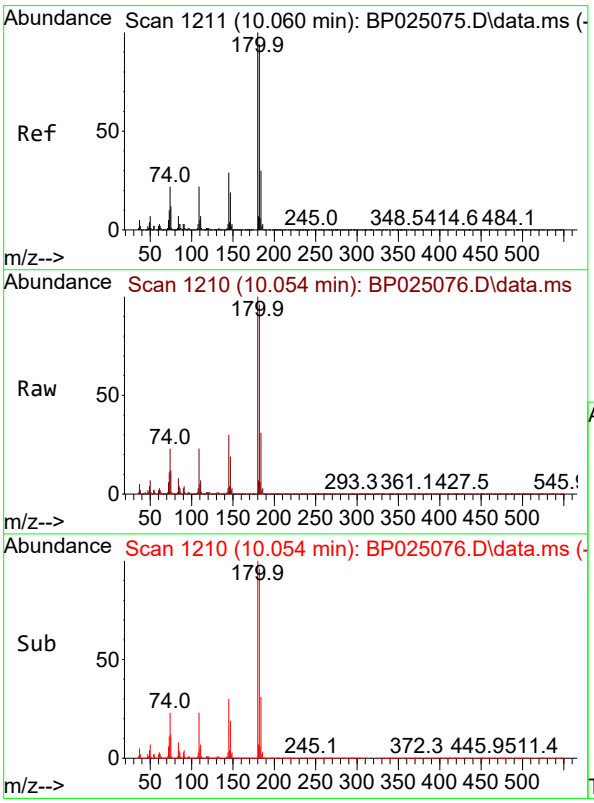
#29
2,4-Dichlorophenol
Concen: 52.364 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 1314014

Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	32.0	13.1	53.1

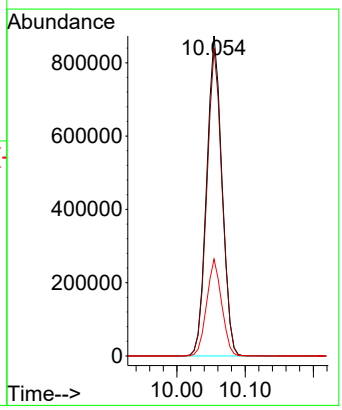


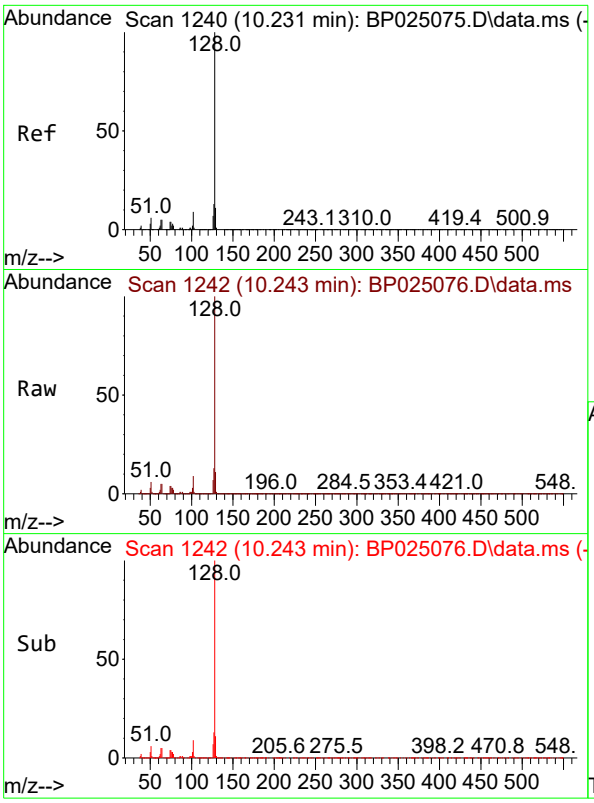


#30
1,2,4-Trichlorobenzene
Concen: 49.122 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:180 Resp: 1365048

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.1	112.7
145	30.2	23.3	34.9



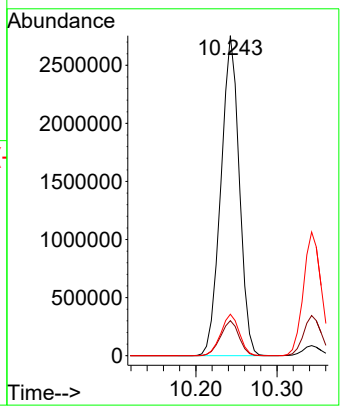


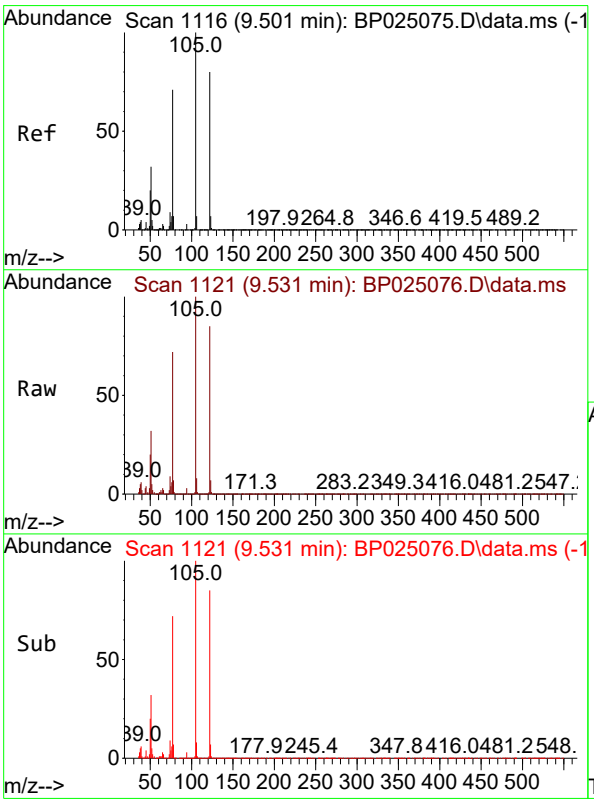
#31
Naphthalene
Concen: 48.793 ng
RT: 10.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 4337583

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.9	10.4	15.6

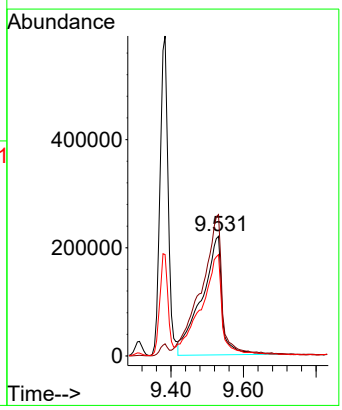


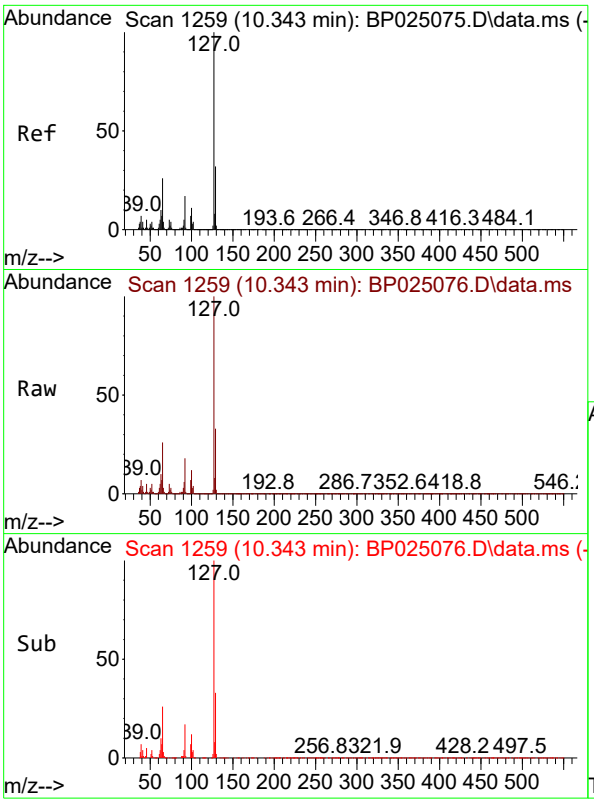


#32
Benzoic acid
Concen: 49.693 ng
RT: 9.531 min Scan# 1121
Delta R.T. 0.030 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:122 Resp: 859495

Ion	Ratio	Lower	Upper
122	100		
105	118.2	101.0	141.0
77	84.7	67.6	107.6



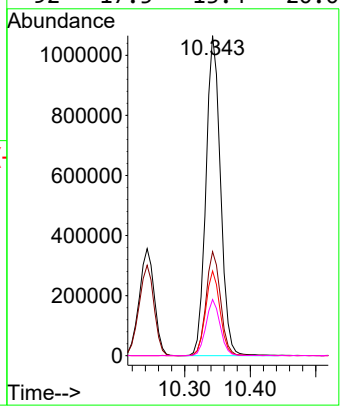


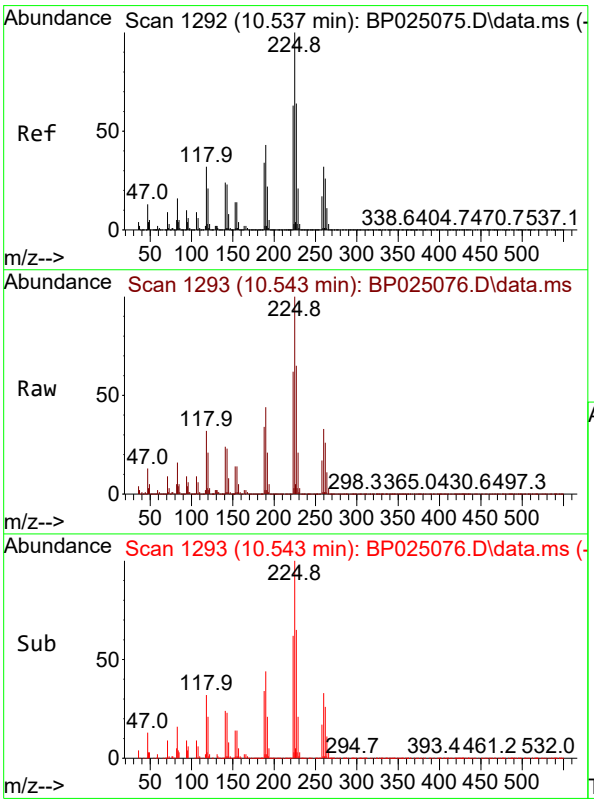
#33
4-Chloroaniline
Concen: 49.611 ng
RT: 10.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1645871

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	26.5	21.0	31.6
92	17.5	13.4	20.0

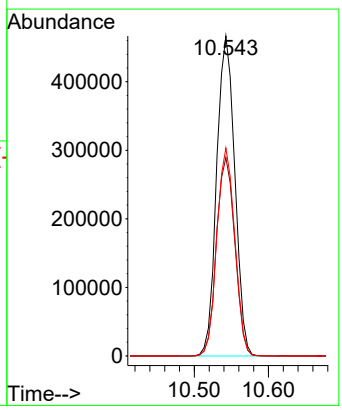


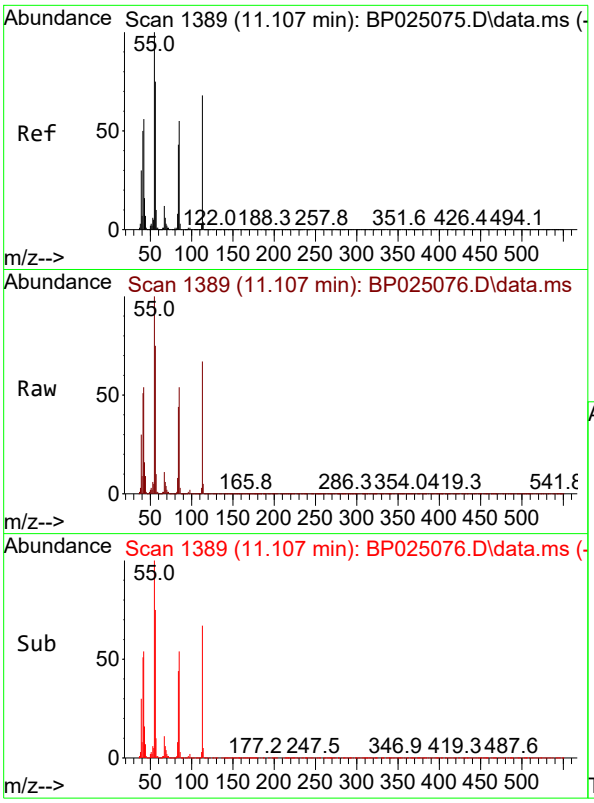


#34
Hexachlorobutadiene
Concen: 49.768 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:225 Resp: 793648

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	65.0	51.3	76.9



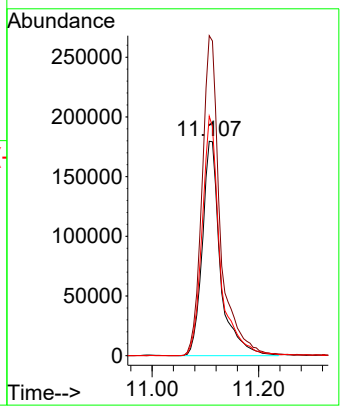


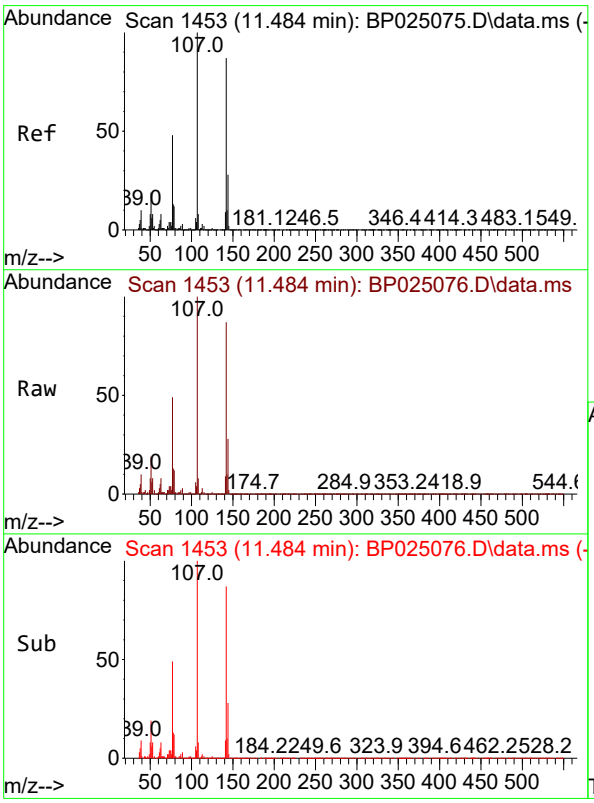
#35
Caprolactam
Concen: 49.189 ng
RT: 11.107 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 422268

Ion	Ratio	Lower	Upper
113	100		
55	149.2	128.1	168.1
56	111.6	90.7	130.7

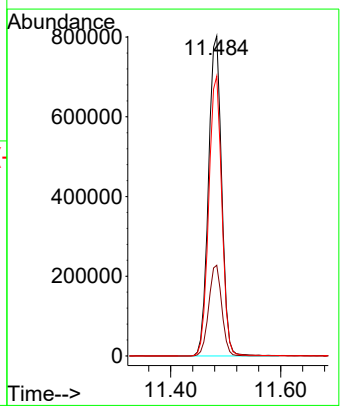


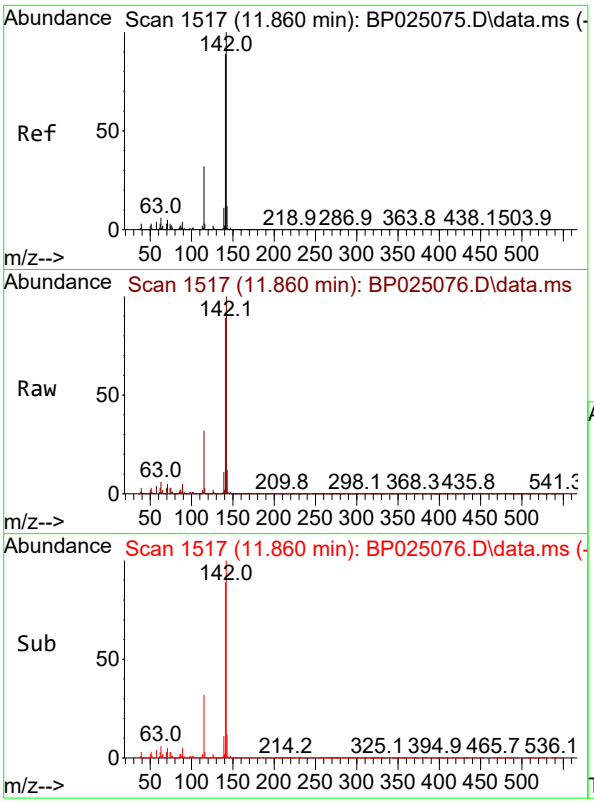


#36
4-Chloro-3-methylphenol
Concen: 50.915 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:107 Resp: 1335155

Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.4	33.6
142	87.5	69.6	104.4



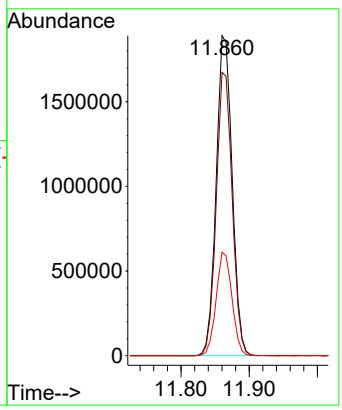


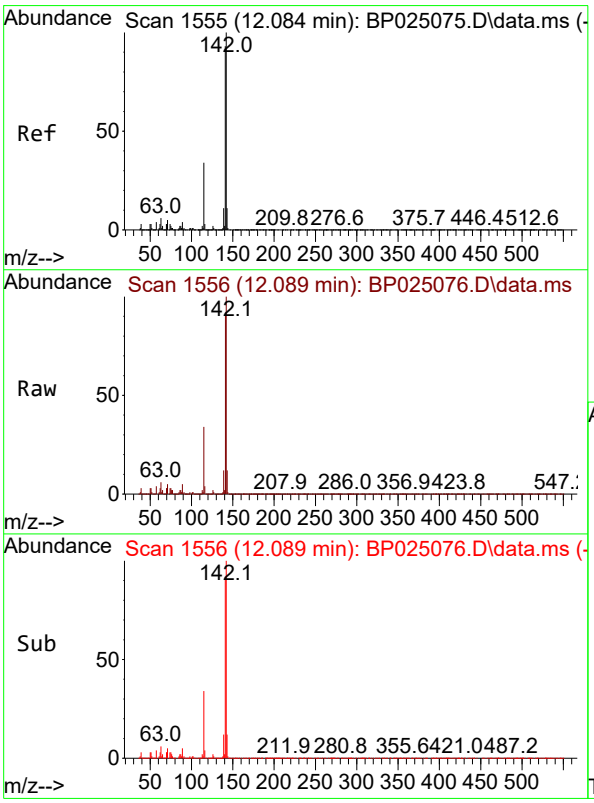
#37
2-Methylnaphthalene
Concen: 49.170 ng
RT: 11.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 3084171

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8
115	32.3	25.9	38.9

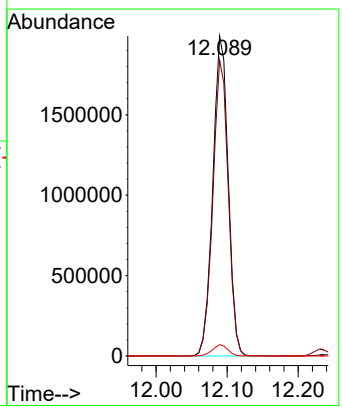


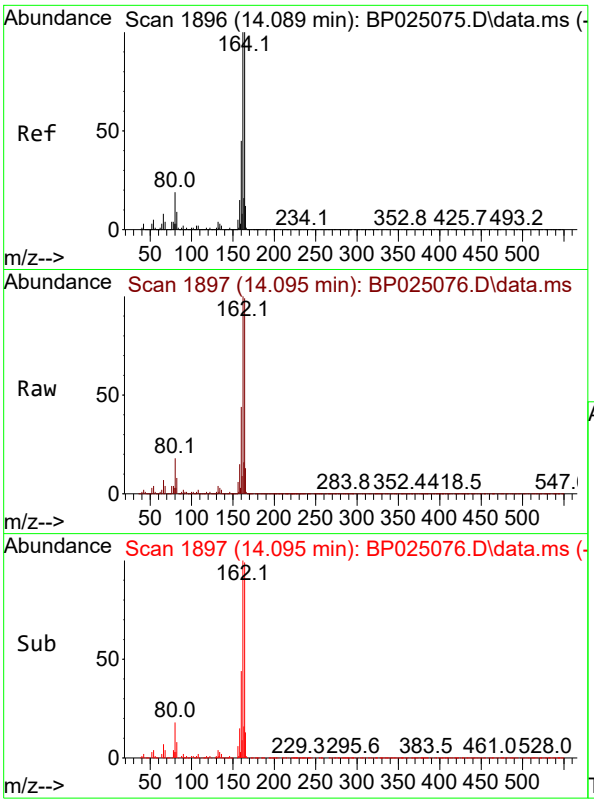


#38
1-Methylnaphthalene
Concen: 48.774 ng
RT: 12.089 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:142 Resp: 2983697

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.1	111.1
116	3.5	2.7	4.1



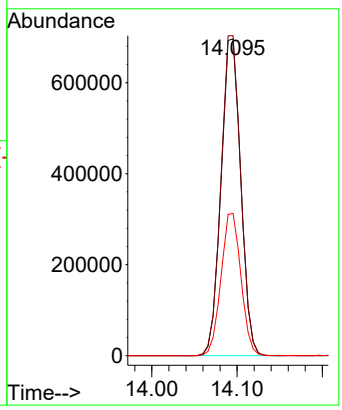


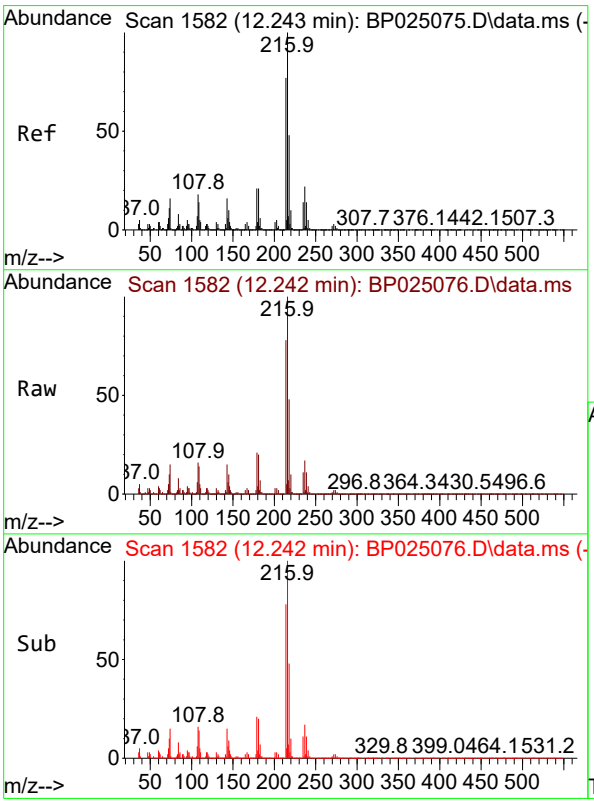
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 1117104

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.3	120.5
160	44.9	35.9	53.9

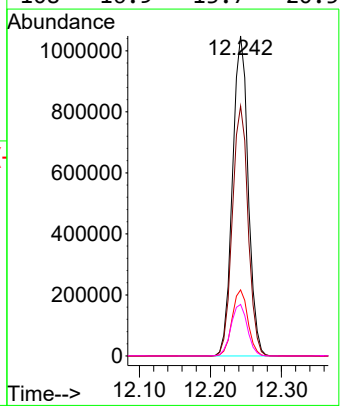


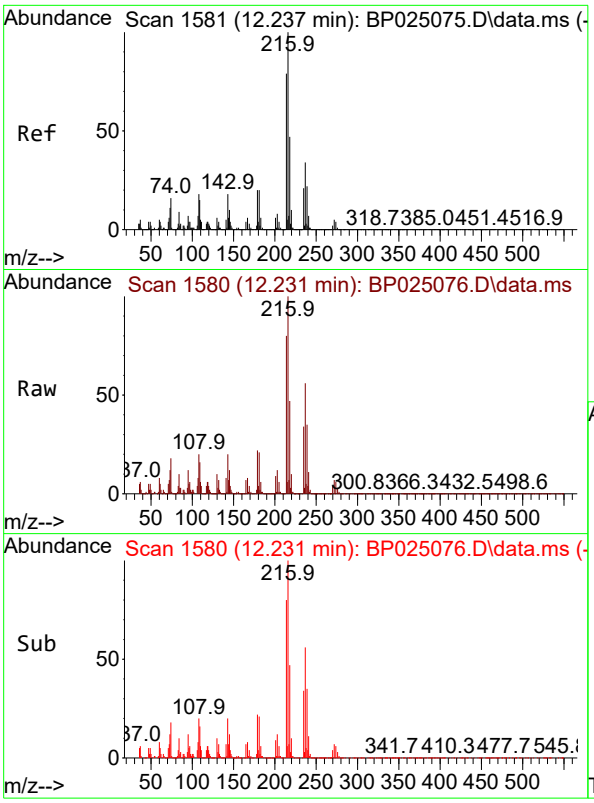


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.237 ng
RT: 12.242 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:216 Resp: 1612893

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.8	16.5	24.7
108	16.9	13.7	20.5



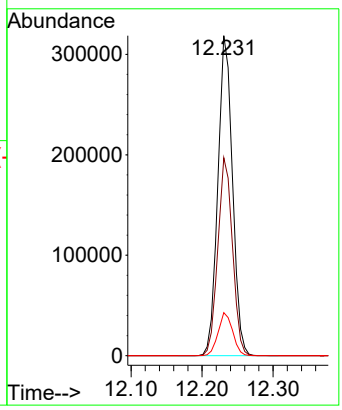


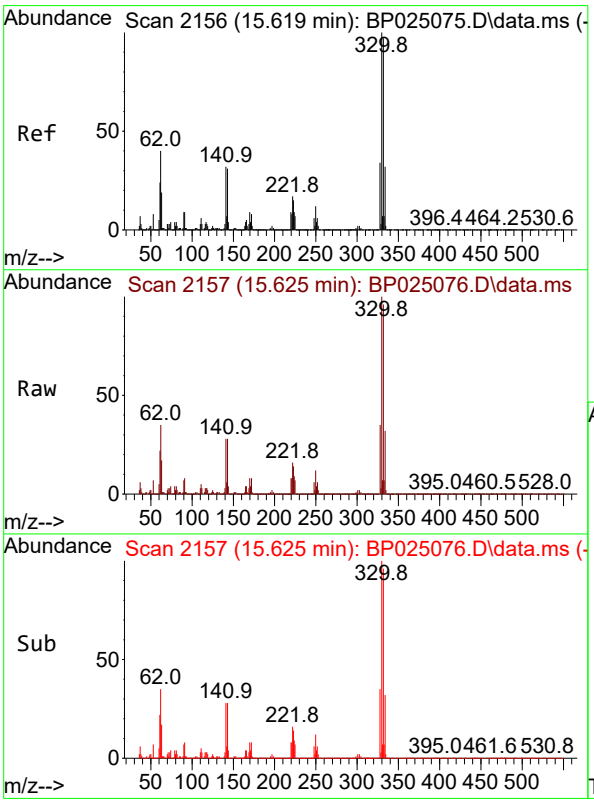
#41
Hexachlorocyclopentadiene
Concen: 53.975 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 452638

Ion	Ratio	Lower	Upper
237	100		
235	61.9	41.6	81.6
272	13.4	0.0	33.6

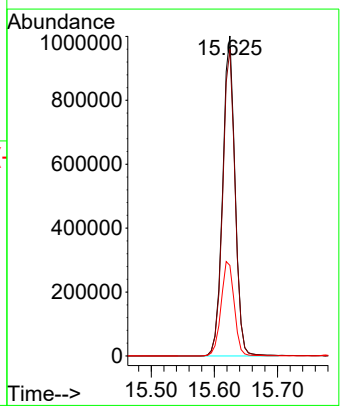


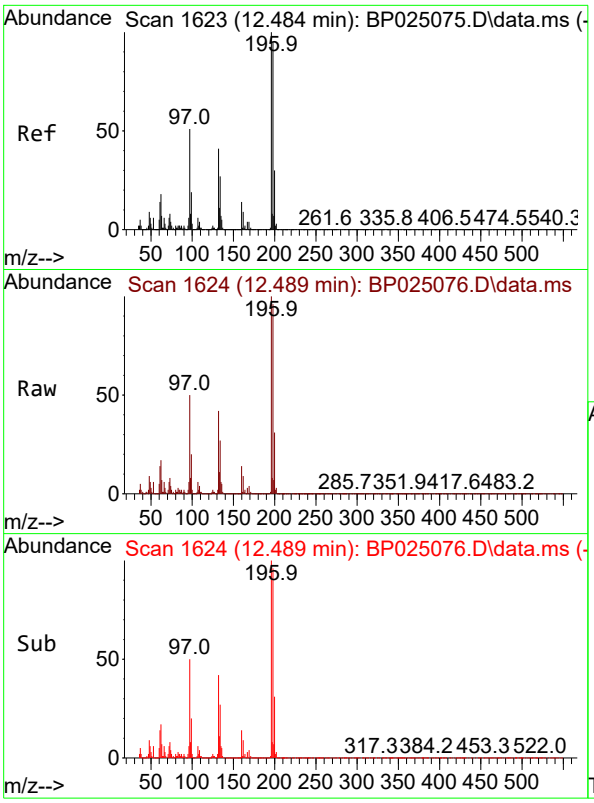


#42
2,4,6-Tribromophenol
Concen: 103.255 ng
RT: 15.625 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:330 Resp: 1362624

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.7	116.5
141	31.6	26.0	39.0



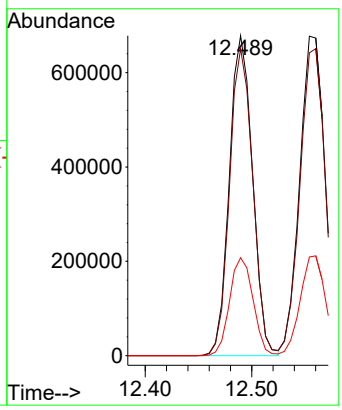


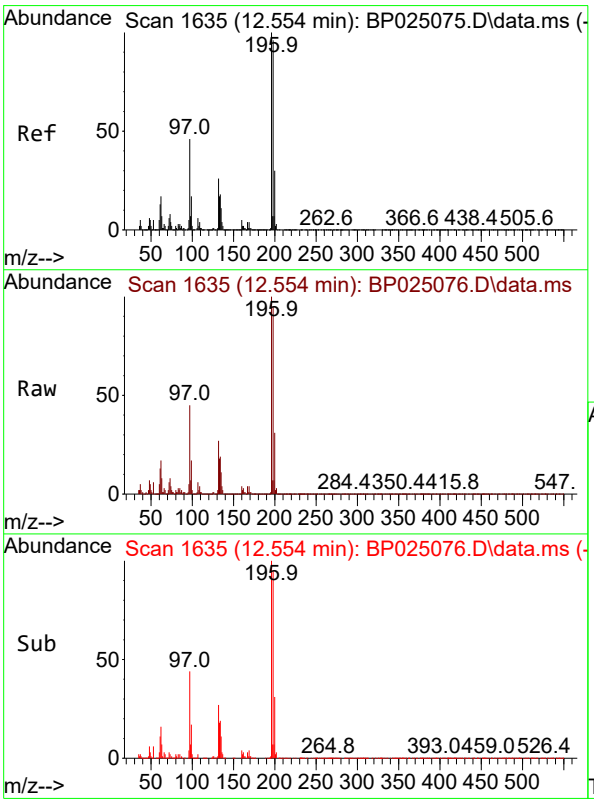
#43
2,4,6-Trichlorophenol
Concen: 52.823 ng
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 1026903

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	30.6	24.3	36.5

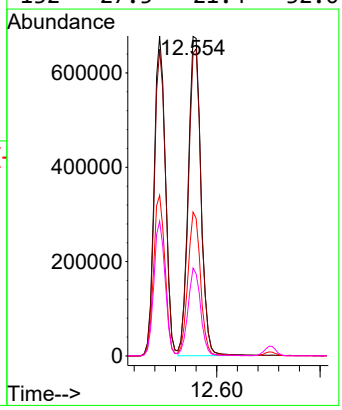


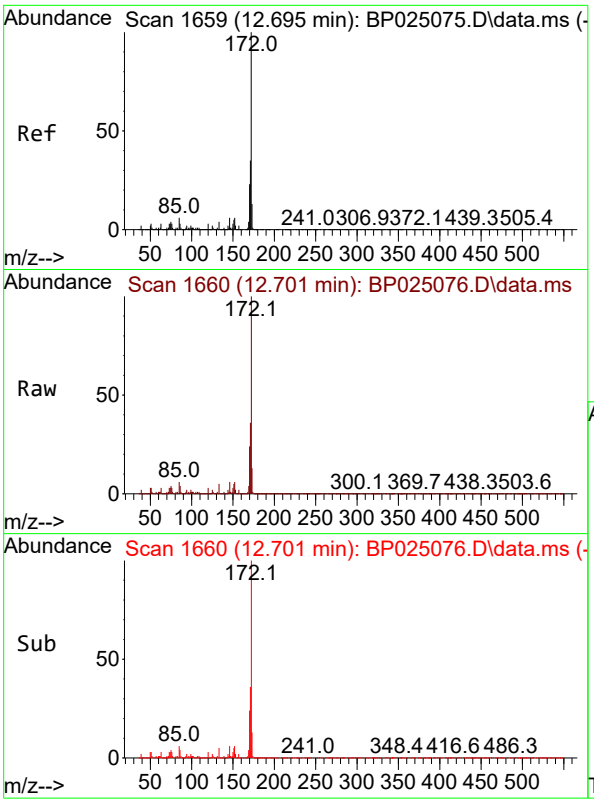


#44
2,4,5-Trichlorophenol
Concen: 52.275 ng
RT: 12.554 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:196 Resp: 1151711

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.6	115.0
97	45.0	36.6	55.0
132	27.5	21.4	32.0



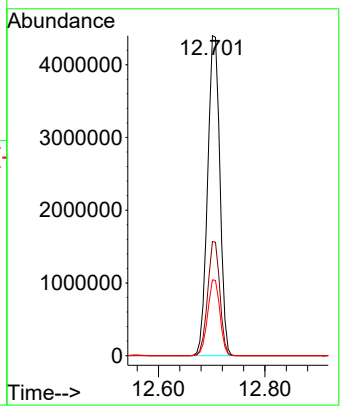


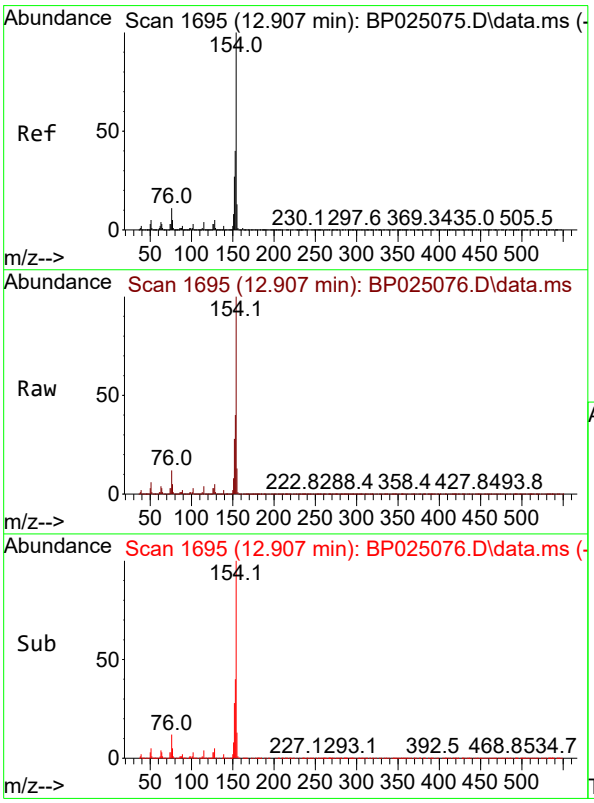
#45
2-Fluorobiphenyl
Concen: 97.594 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 7037498

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.7	18.7	28.1

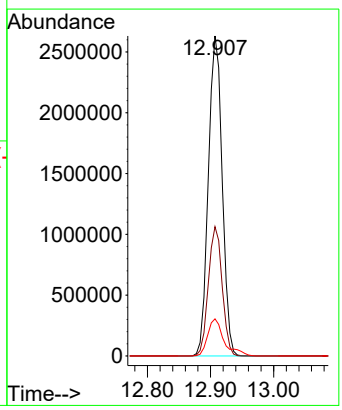


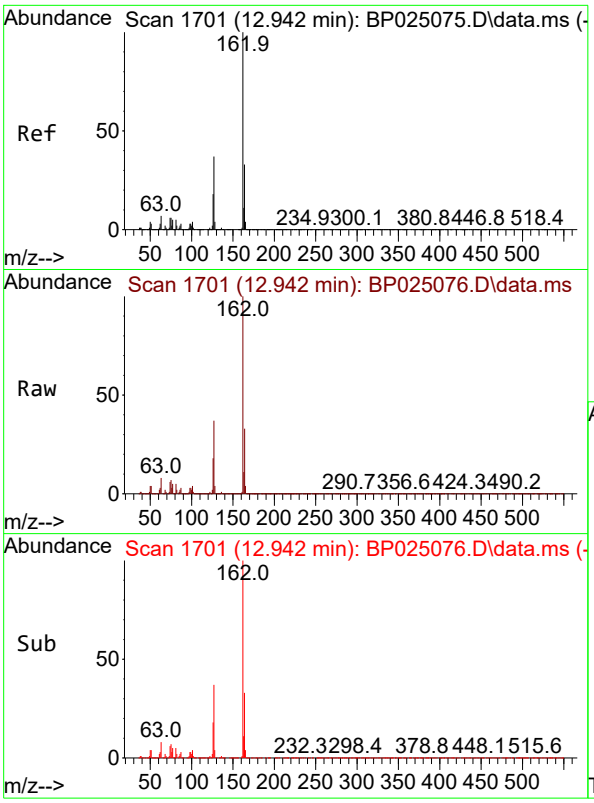


#46
1,1'-Biphenyl
Concen: 49.294 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:154 Resp: 4006544

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	11.6	0.0	31.5



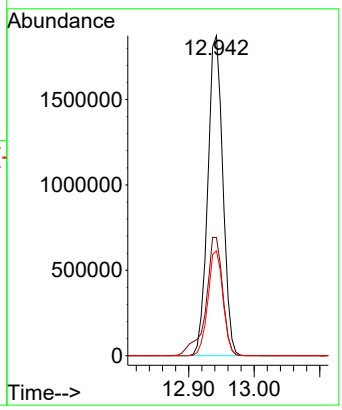


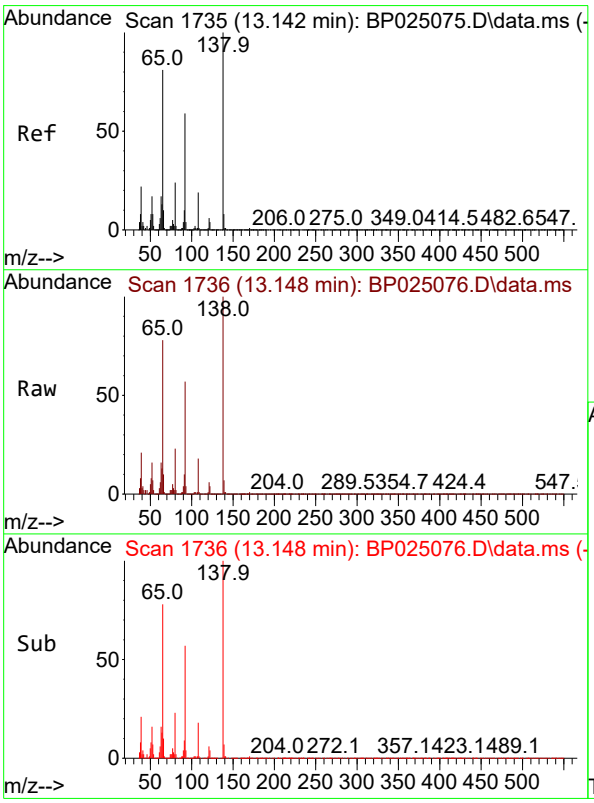
#47
2-Chloronaphthalene
Concen: 48.883 ng
RT: 12.942 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 2986246

Ion	Ratio	Lower	Upper
162	100		
127	36.9	29.4	44.2
164	32.7	26.4	39.6

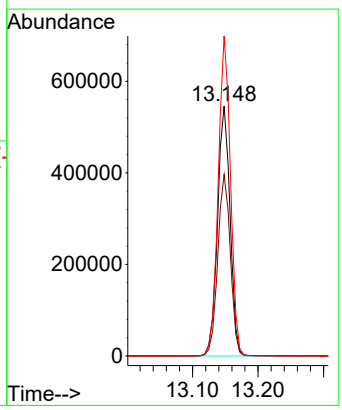


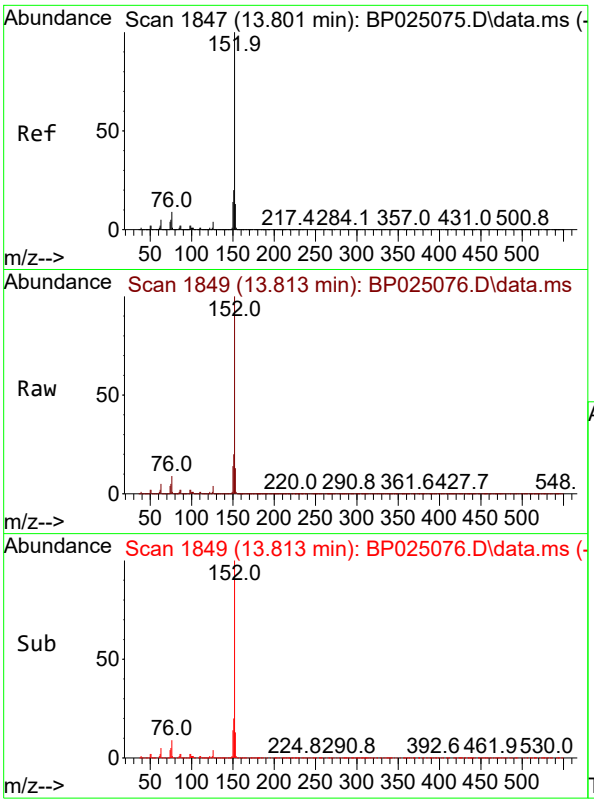


#48
2-Nitroaniline
Concen: 48.247 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion: 65 Resp: 722237

Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.7	88.1
138	128.1	99.0	148.4



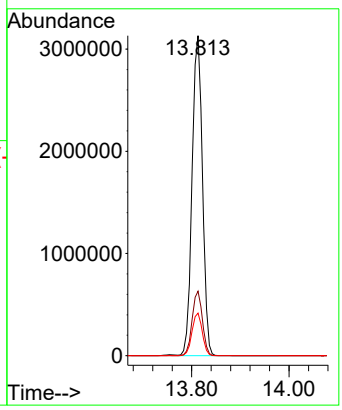


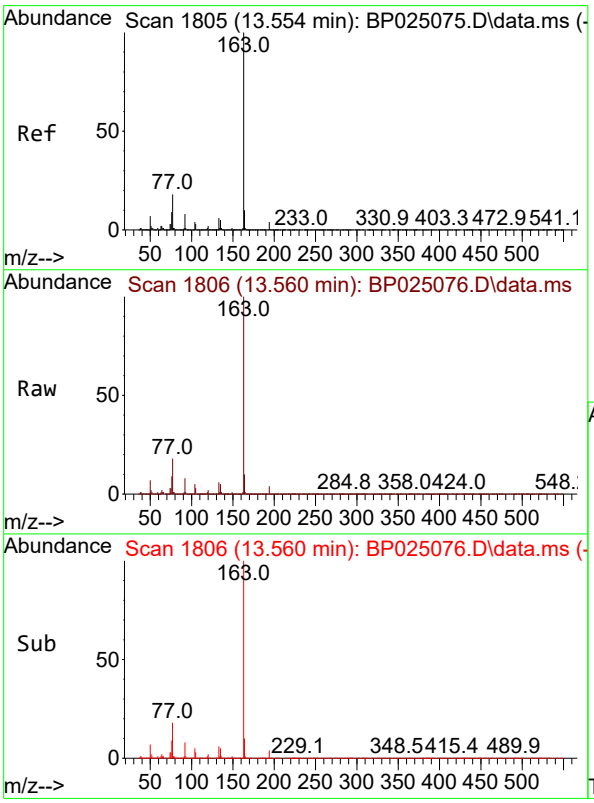
#49
Acenaphthylene
Concen: 49.571 ng
RT: 13.813 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 4634923

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.3	10.7	16.1

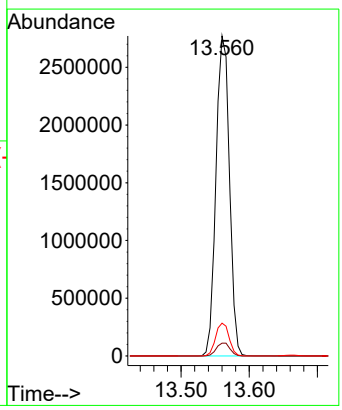


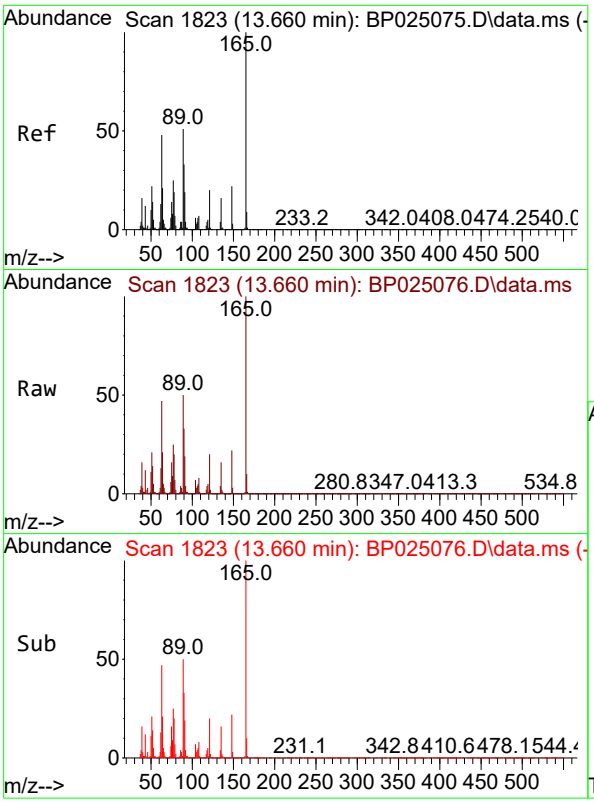


#50
Dimethylphthalate
Concen: 48.733 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:163 Resp: 3810769

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.0	12.0



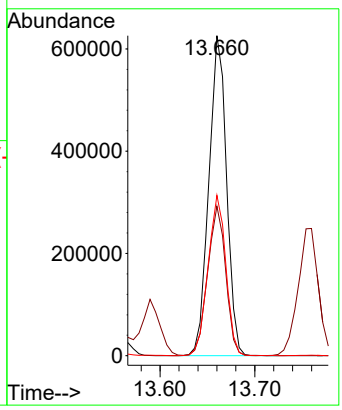


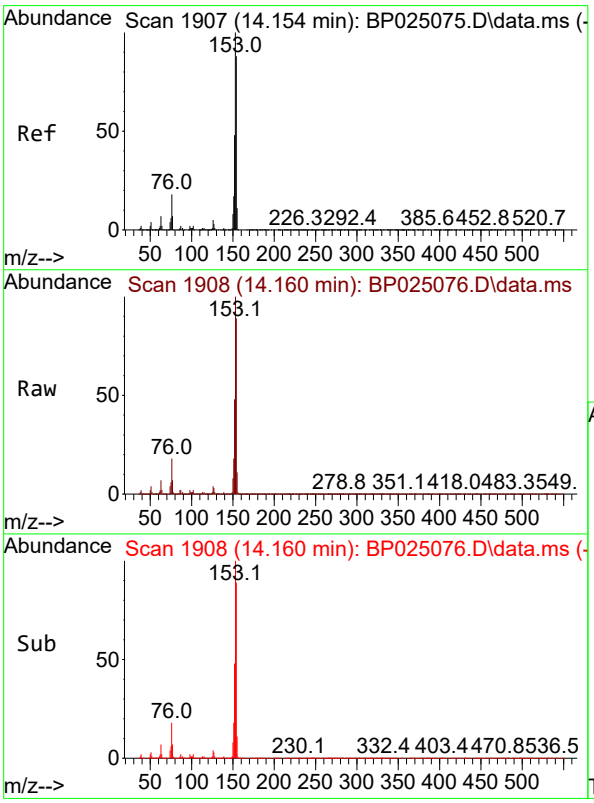
#51
2,6-Dinitrotoluene
Concen: 53.202 ng
RT: 13.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 811379

Ion	Ratio	Lower	Upper
165	100		
63	46.7	38.5	57.7
89	50.1	40.6	61.0

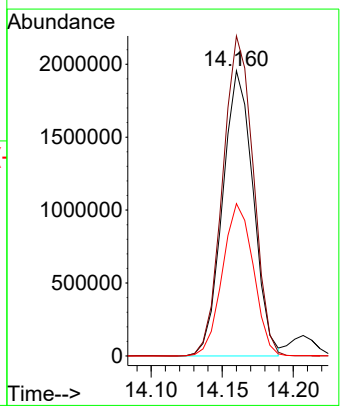


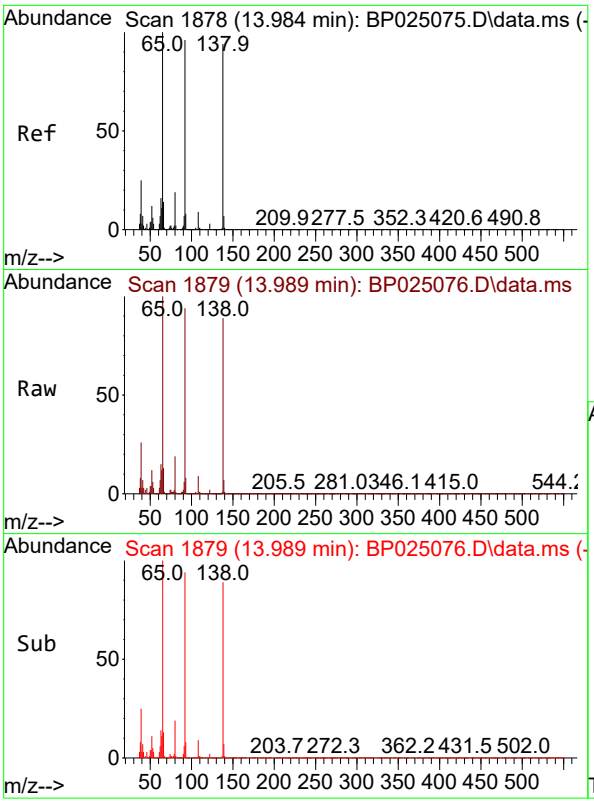


#52
Acenaphthene
Concen: 48.515 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:154 Resp: 2923605

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.6	136.0
152	53.4	43.8	65.8



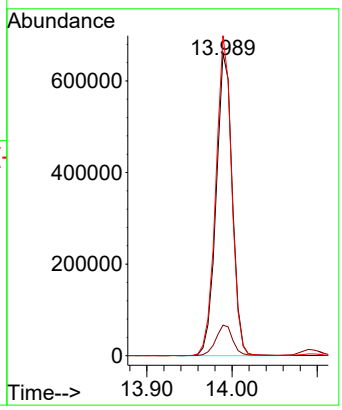


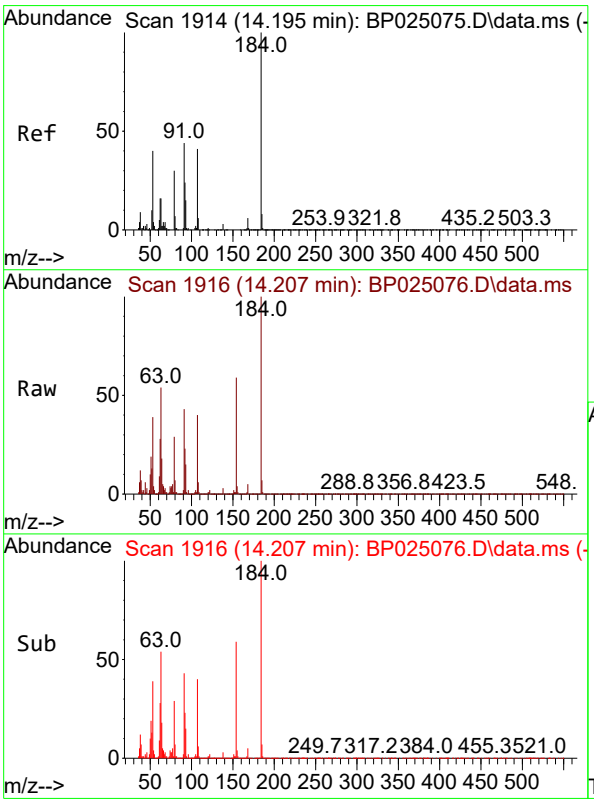
#53
3-Nitroaniline
Concen: 52.965 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 865670

Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	105.7	81.0	121.4

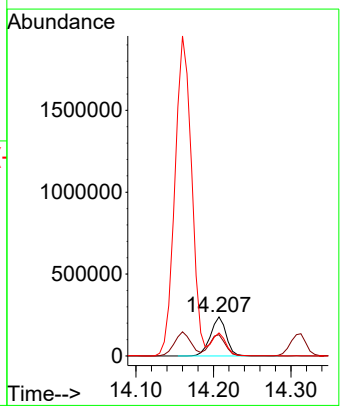


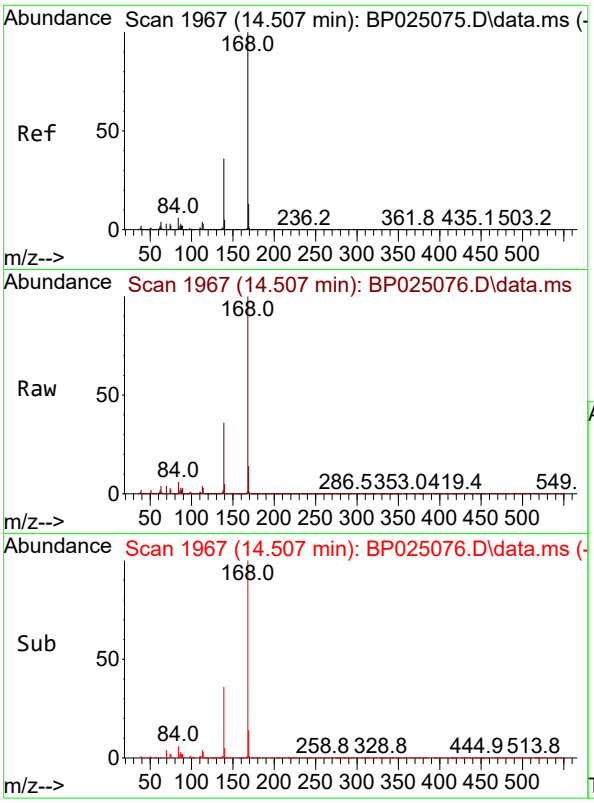


#54
2,4-Dinitrophenol
Concen: 47.384 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:184 Resp: 335631

Ion	Ratio	Lower	Upper
184	100		
63	54.5	47.4	71.0
154	59.1	47.8	71.8



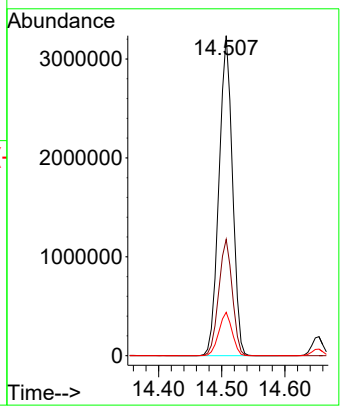


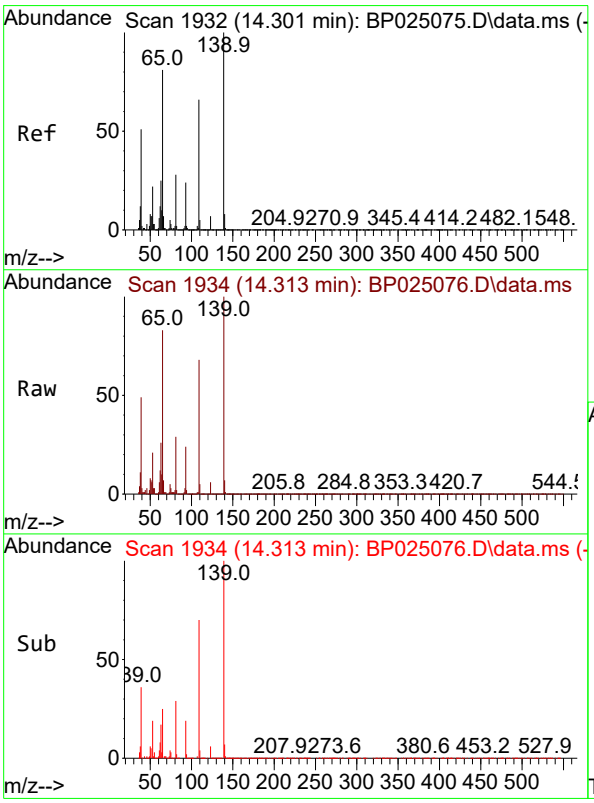
#55
Dibenzofuran
Concen: 48.287 ng
RT: 14.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 4802343

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.5	10.7	16.1

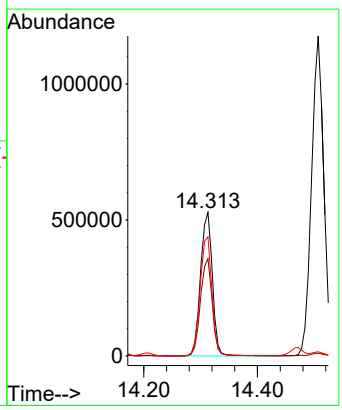


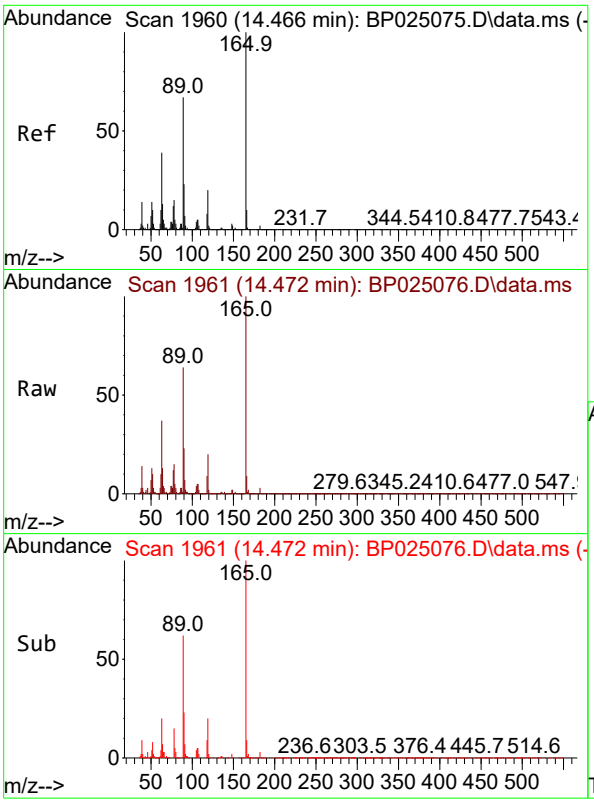


#56
4-Nitrophenol
Concen: 50.679 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:139 Resp: 764396

Ion	Ratio	Lower	Upper
139	100		
109	67.8	45.9	85.9
65	83.0	61.4	101.4



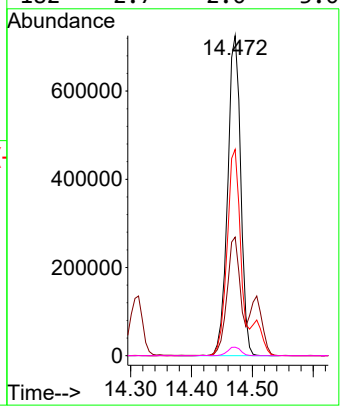


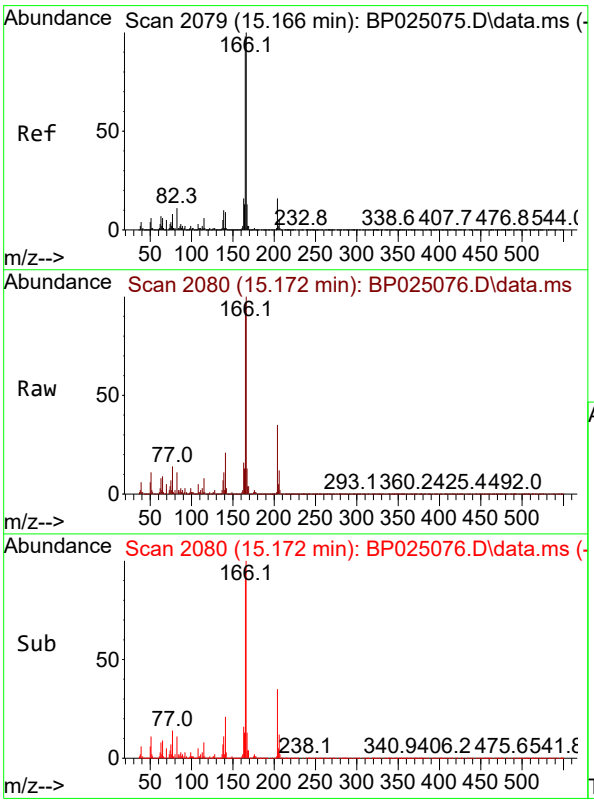
#57
2,4-Dinitrotoluene
Concen: 48.291 ng
RT: 14.472 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 1081273

Ion	Ratio	Lower	Upper
165	100		
63	37.1	31.0	46.4
89	64.5	53.4	80.0
182	2.7	2.0	3.0

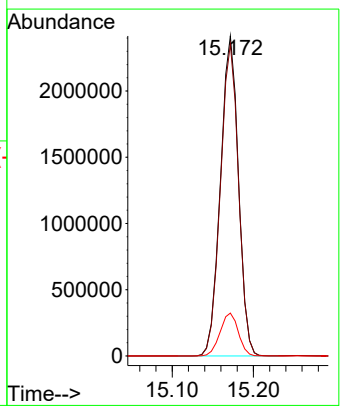


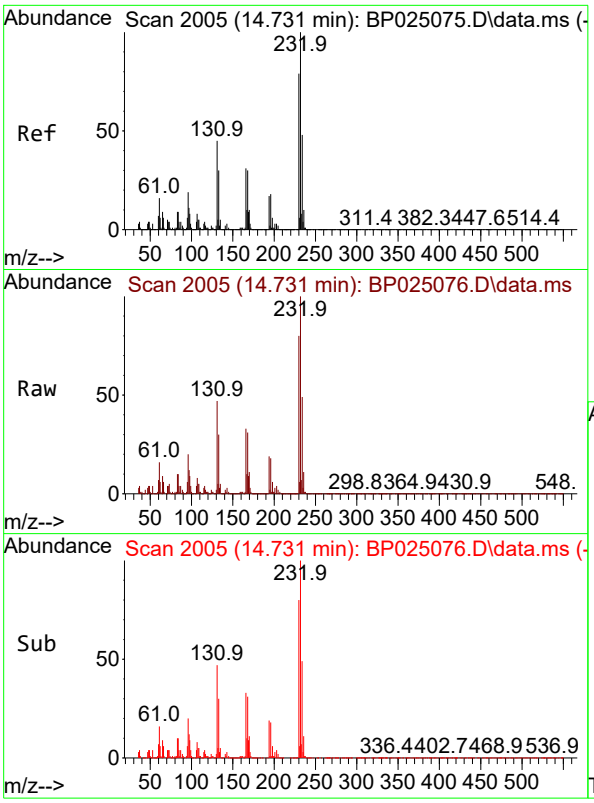


#58
Fluorene
Concen: 48.458 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:166 Resp: 3727642

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.4	10.7	16.1



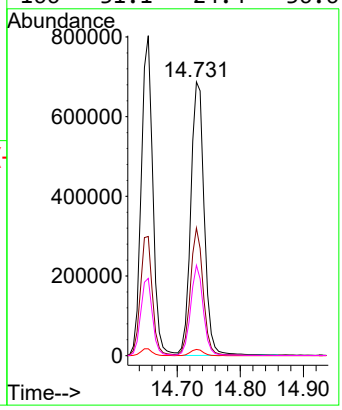


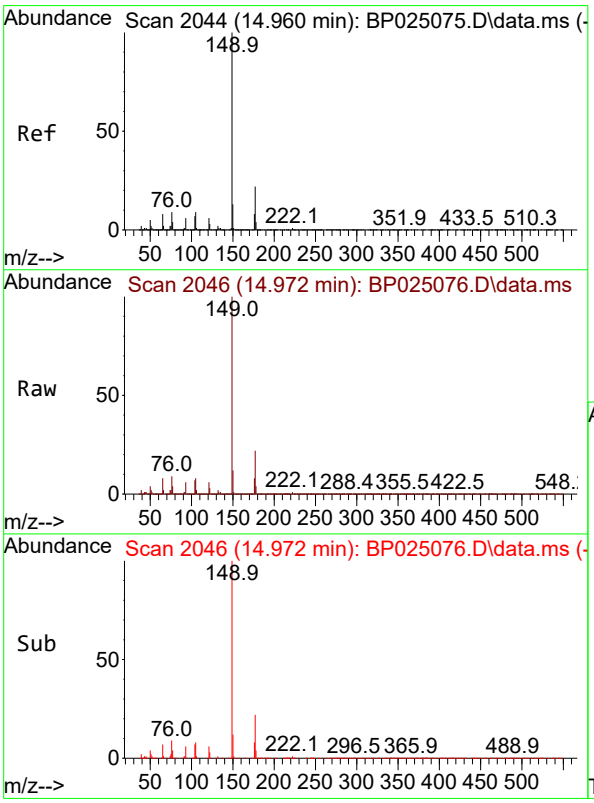
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.872 ng
RT: 14.731 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 1014960

Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.7	53.5
130	2.2	1.8	2.6
166	31.1	24.4	36.6

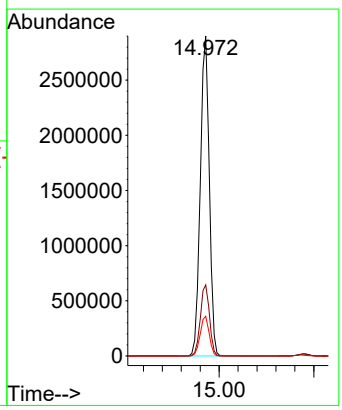


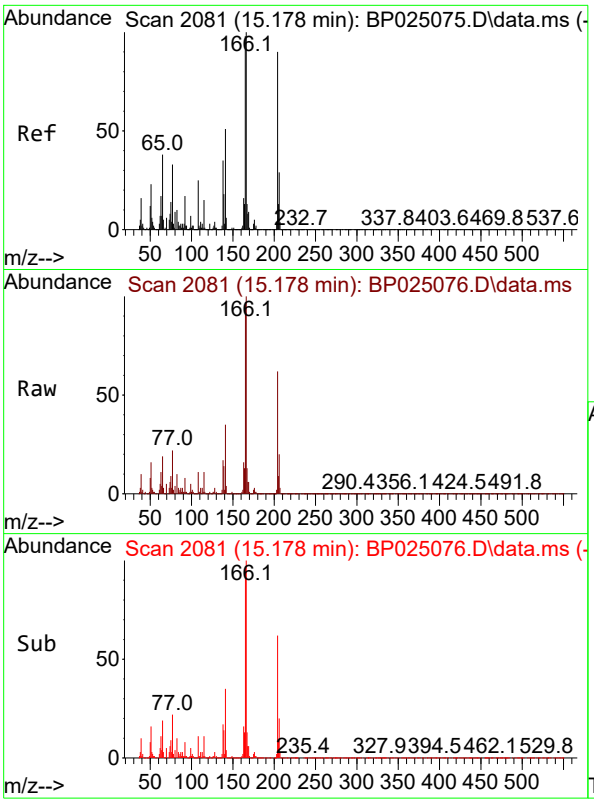


#60
Diethylphthalate
Concen: 48.587 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 3816042

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.8	26.8
150	12.4	10.2	15.2



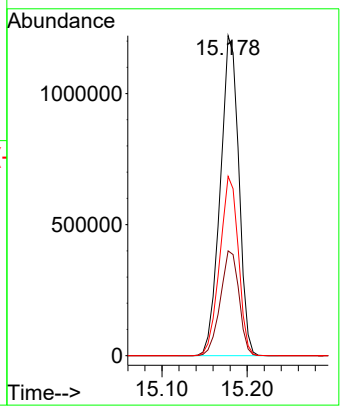


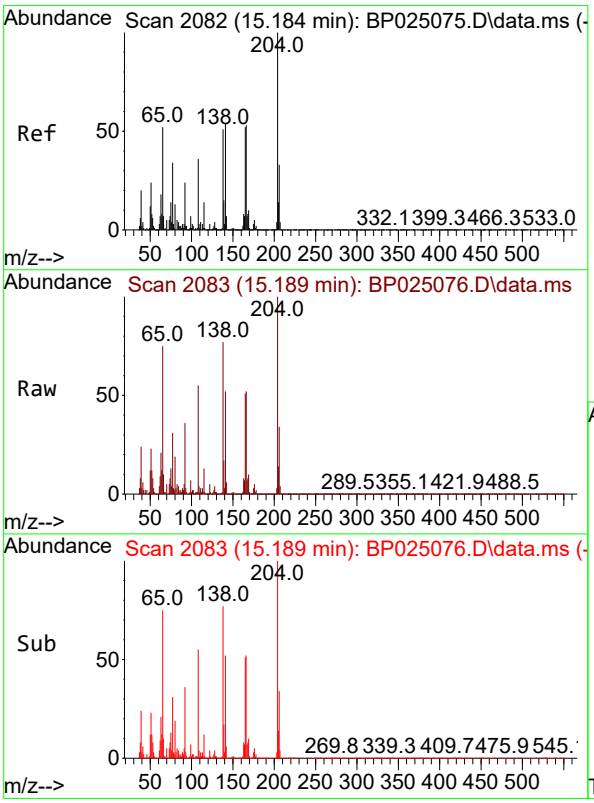
#61
4-Chlorophenyl-phenylether
Concen: 48.332 ng
RT: 15.178 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1839971

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.6
141	56.1	45.1	67.7

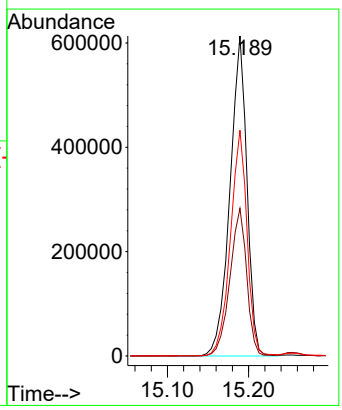


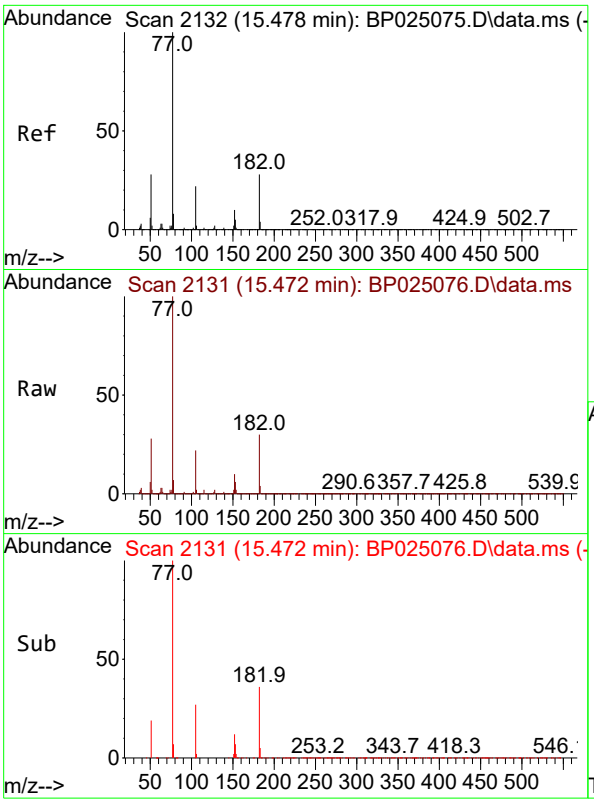


#62
4-Nitroaniline
Concen: 51.948 ng
RT: 15.189 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:138 Resp: 890284

Ion	Ratio	Lower	Upper
138	100		
92	46.1	26.0	66.0
108	70.5	50.0	90.0



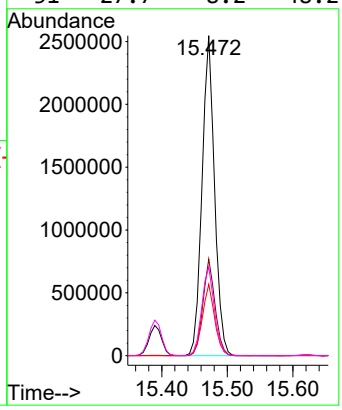


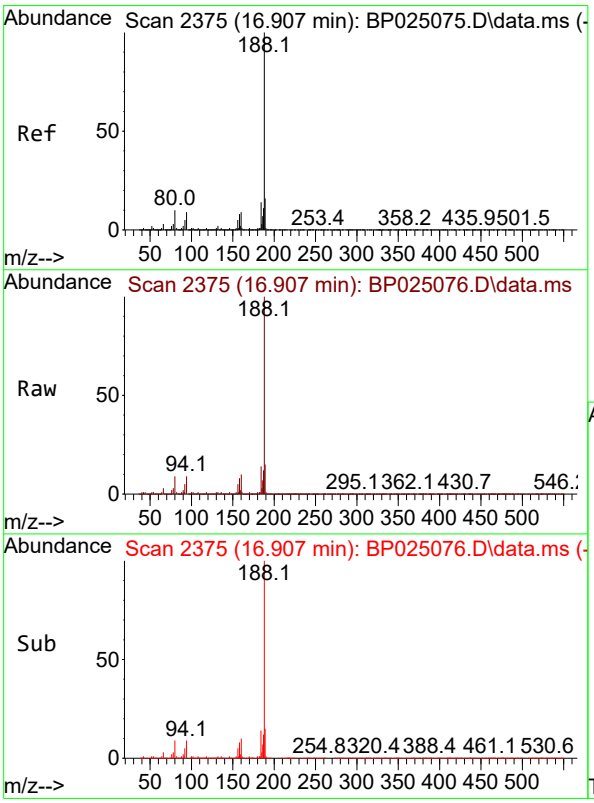
#63
Azobenzene
Concen: 48.355 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 3381849

Ion	Ratio	Lower	Upper
77	100		
182	30.2	7.7	47.7
105	22.3	1.9	41.9
51	27.7	8.2	48.2

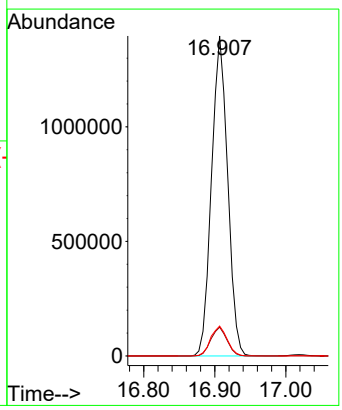


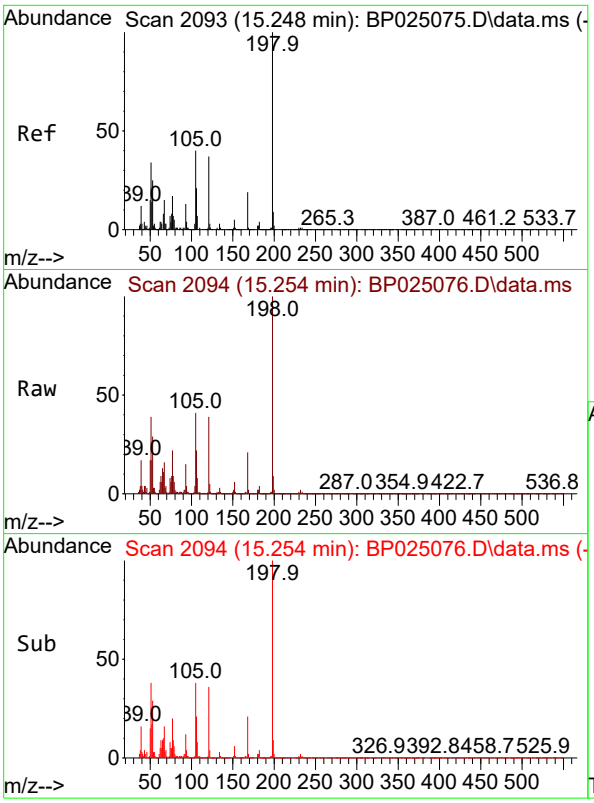


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:188 Resp: 2198784

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.4	7.8	11.6



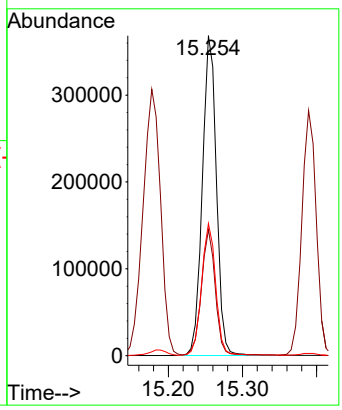


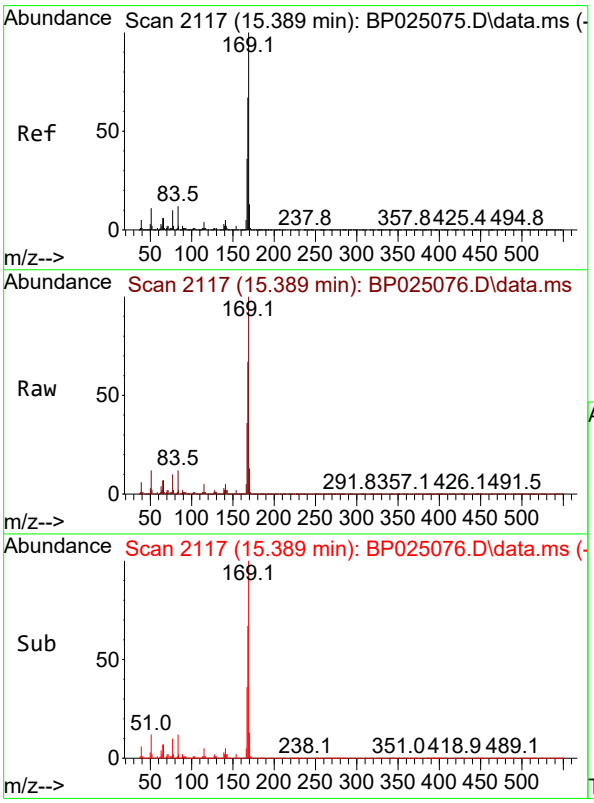
#65
4,6-Dinitro-2-methylphenol
Concen: 48.762 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 488912

Ion	Ratio	Lower	Upper
198	100		
51	39.3	16.8	56.8
105	41.3	20.8	60.8

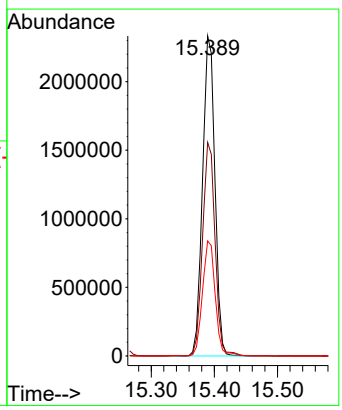


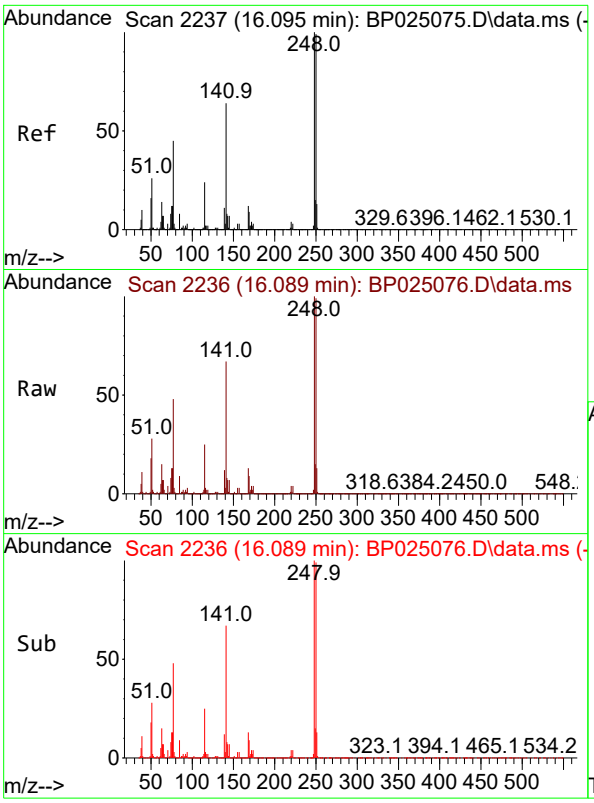


#66
n-Nitrosodiphenylamine
Concen: 50.162 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:169 Resp: 3156476

Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	36.0	29.0	43.6



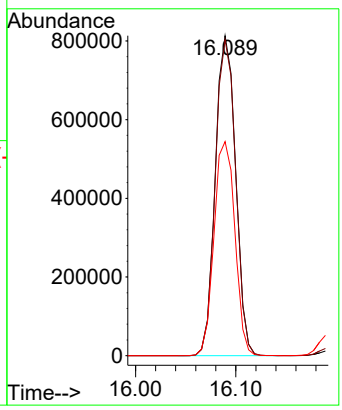


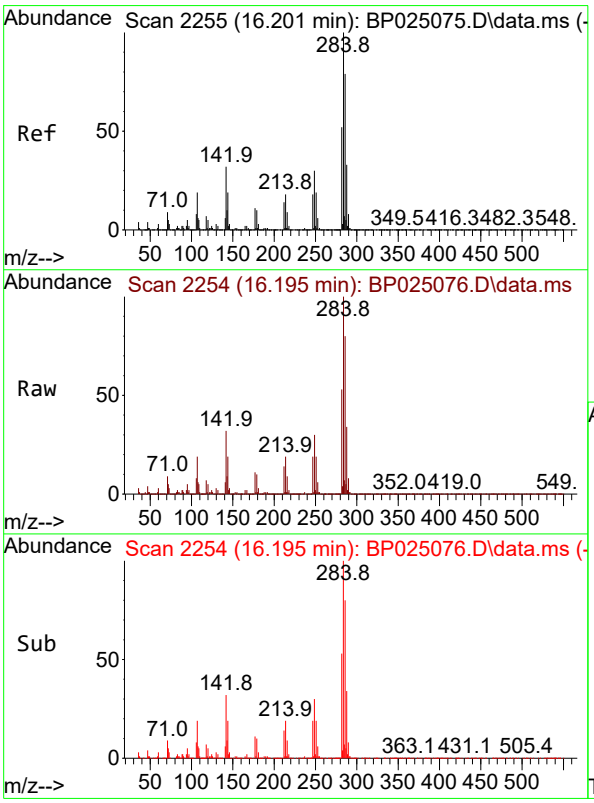
#67
4-Bromophenyl-phenylether
Concen: 50.881 ng
RT: 16.089 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 1145496

Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.4	119.2
141	66.9	51.4	77.0

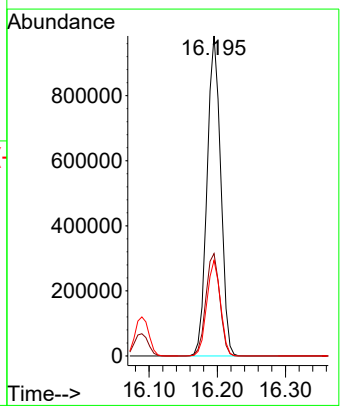


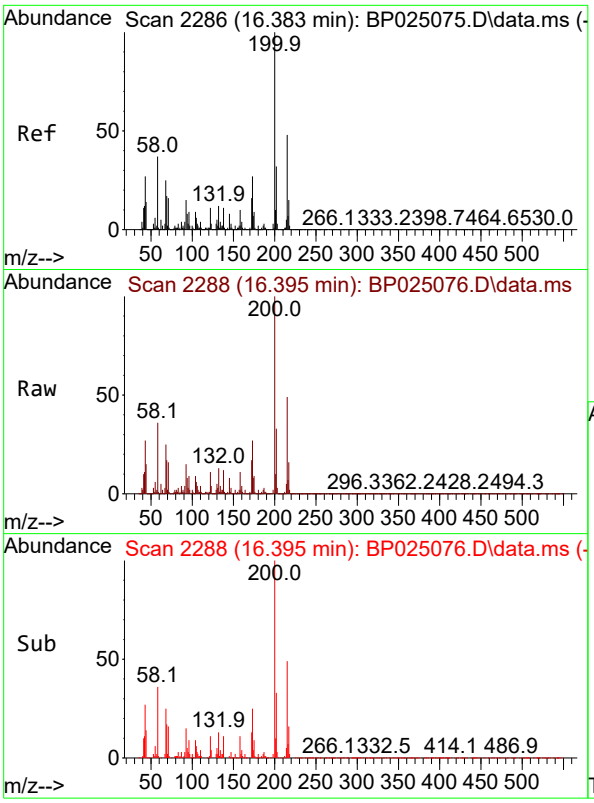


#68
Hexachlorobenzene
Concen: 49.621 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:284 Resp: 1365447

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	29.9	23.8	35.8



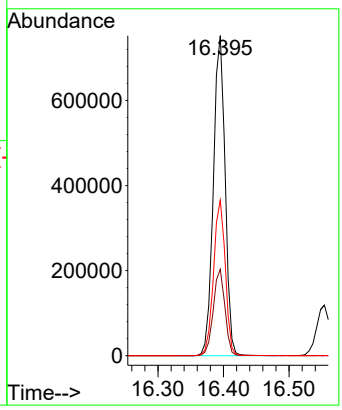


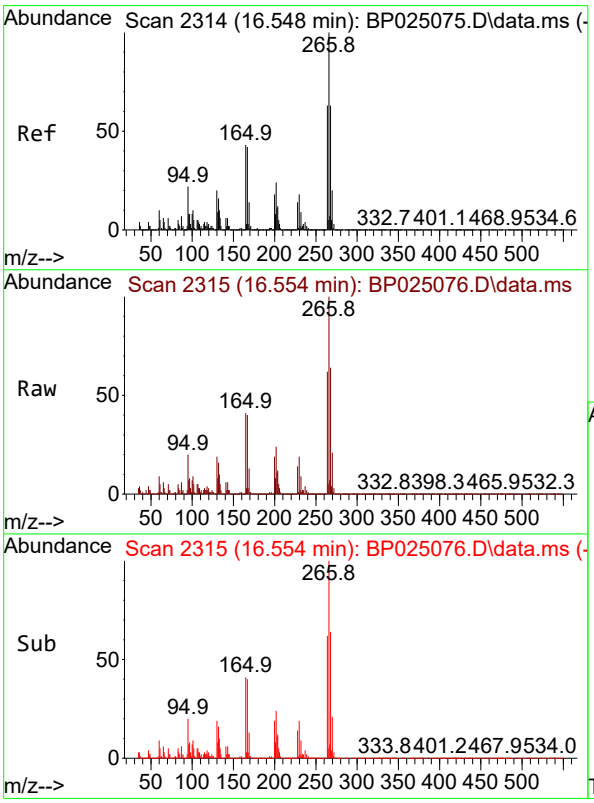
#69
Atrazine
Concen: 50.863 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 937888

Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.6	46.6
215	48.6	28.0	68.0

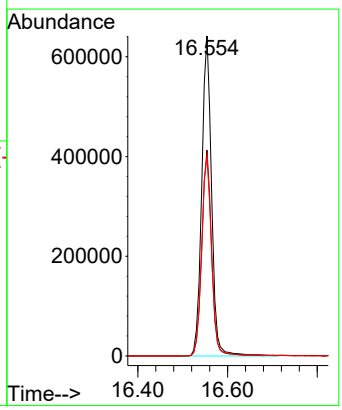


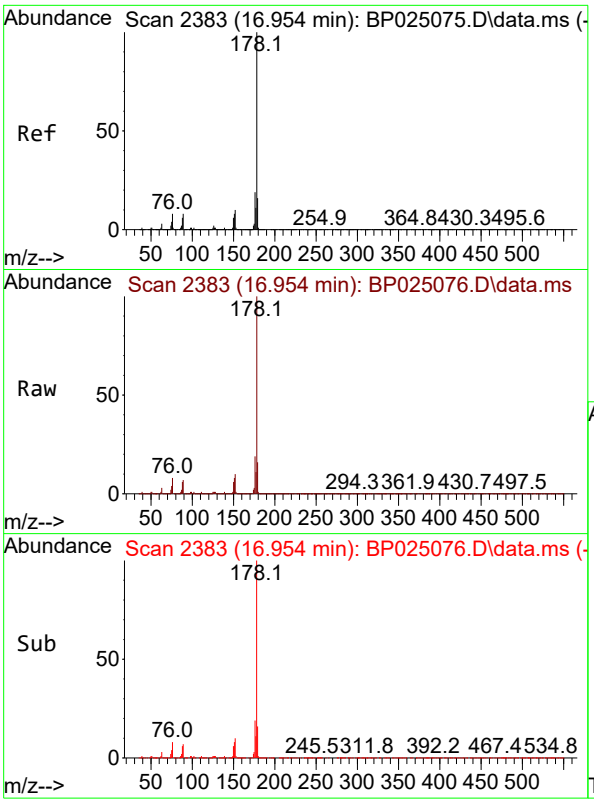


#70
Pentachlorophenol
Concen: 52.511 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:266 Resp: 975866

Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.4	75.6
264	62.2	50.2	75.2



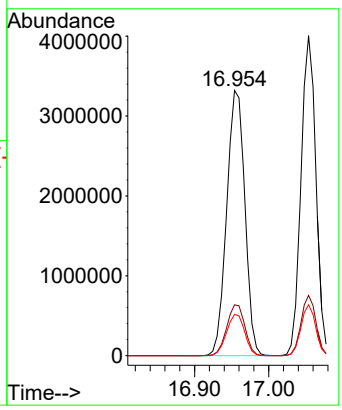


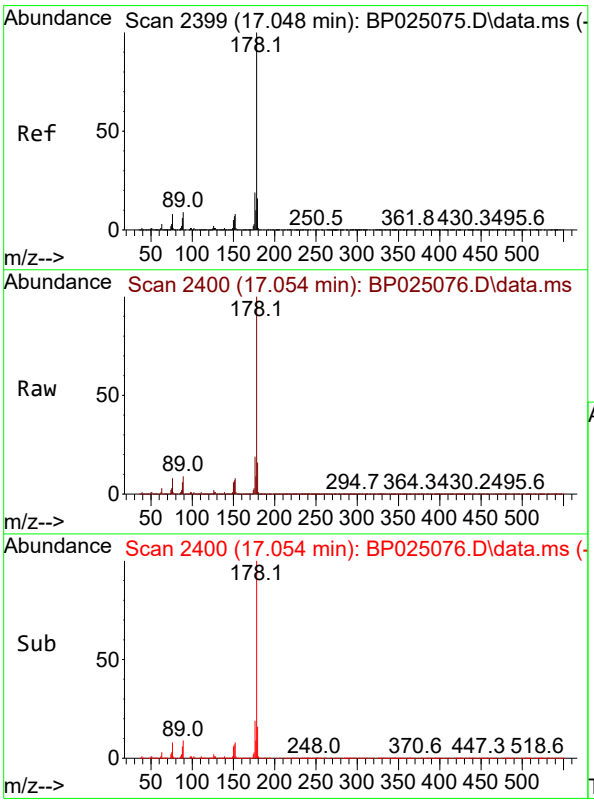
#71
Phenanthrene
Concen: 48.179 ng
RT: 16.954 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 5660551

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.6	19.0

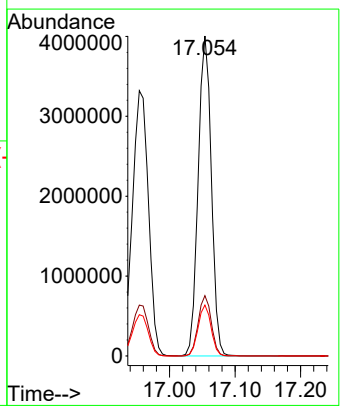


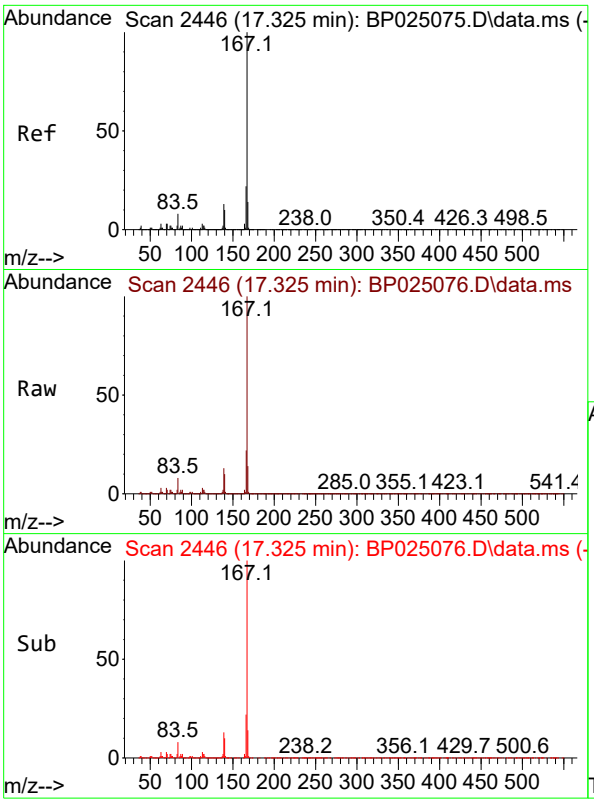


#72
Anthracene
Concen: 49.812 ng
RT: 17.054 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:178 Resp: 5614698

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.9	12.5	18.7



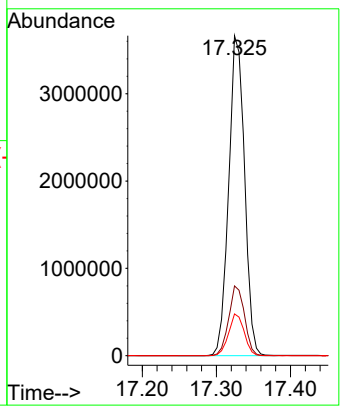


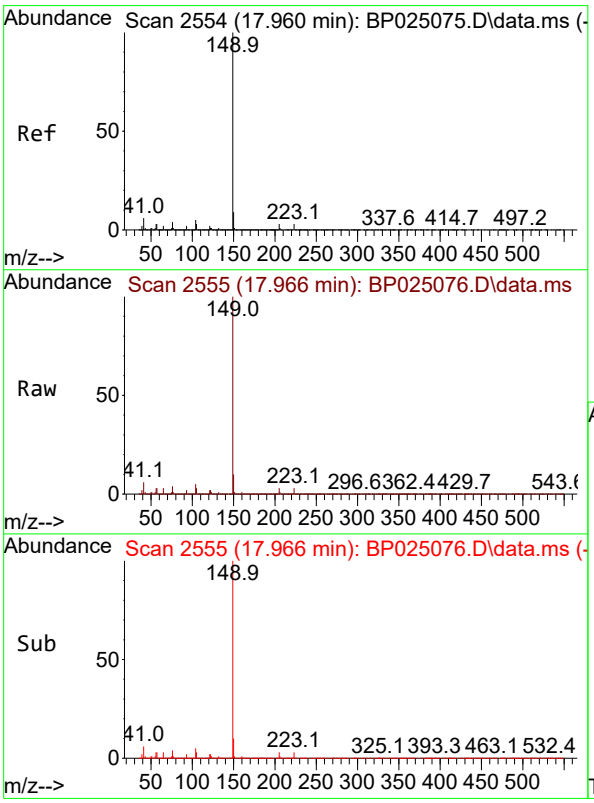
#73
Carbazole
Concen: 49.399 ng
RT: 17.325 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 5444196

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.1	10.4	15.6

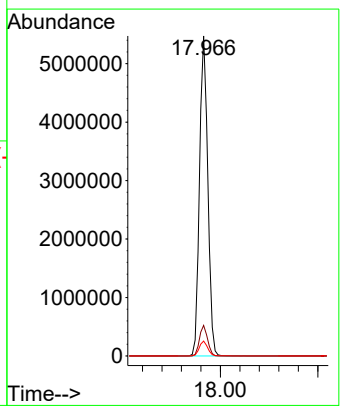


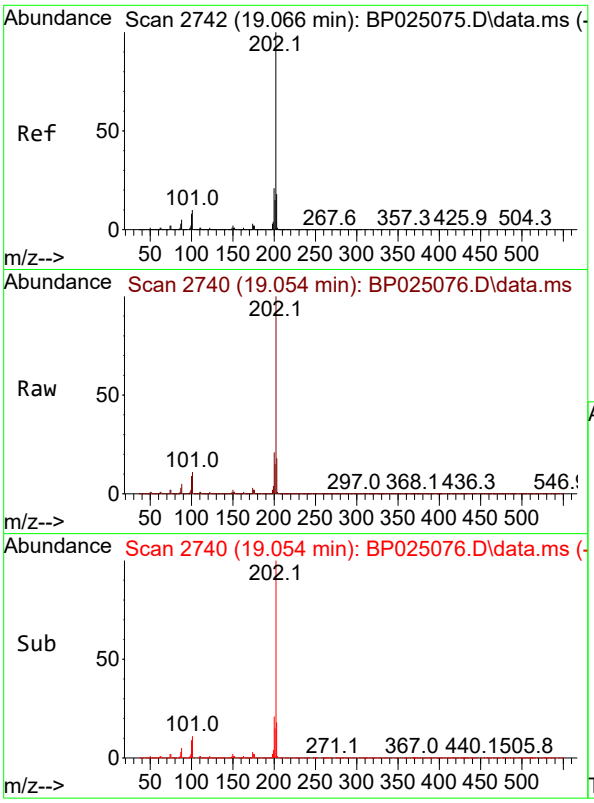


#74
Di-n-butylphthalate
Concen: 52.713 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 6469226

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	4.7	3.8	5.6



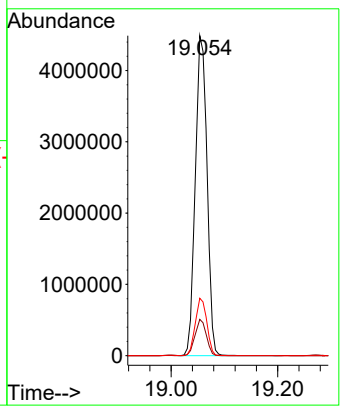


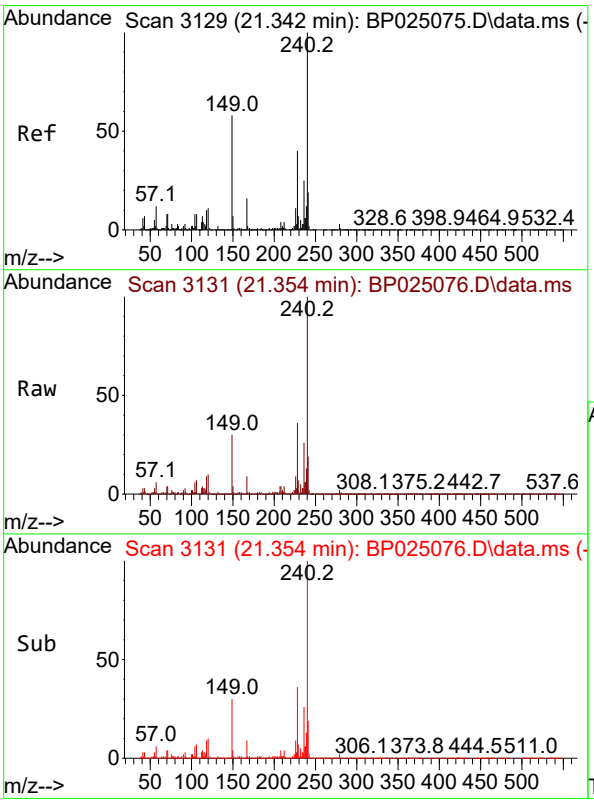
#75
Fluoranthene
Concen: 49.995 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 6865989

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.4
203	18.0	0.0	37.6

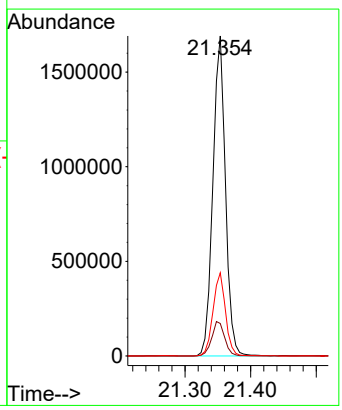


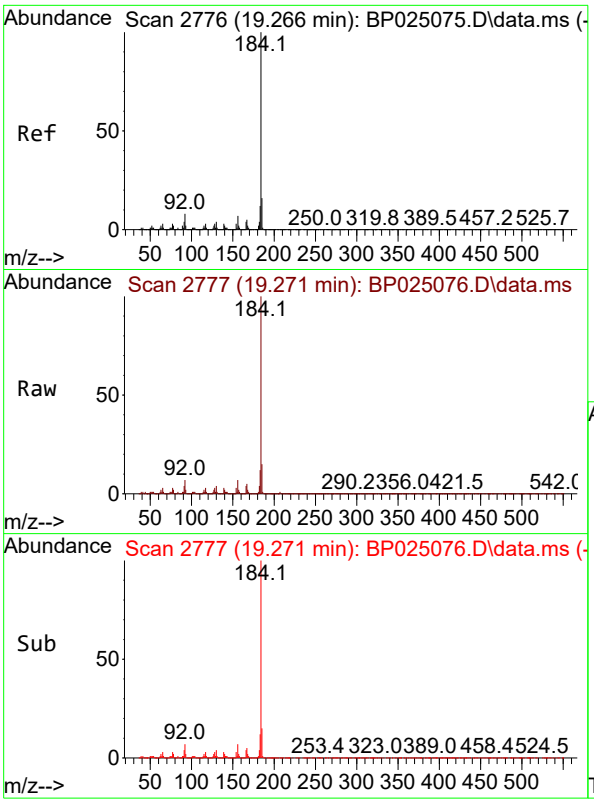


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:240 Resp: 2246809

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.0	13.4
236	26.0	20.3	30.5



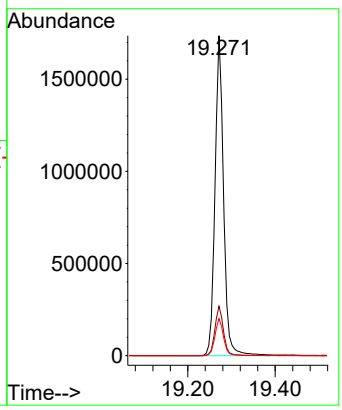


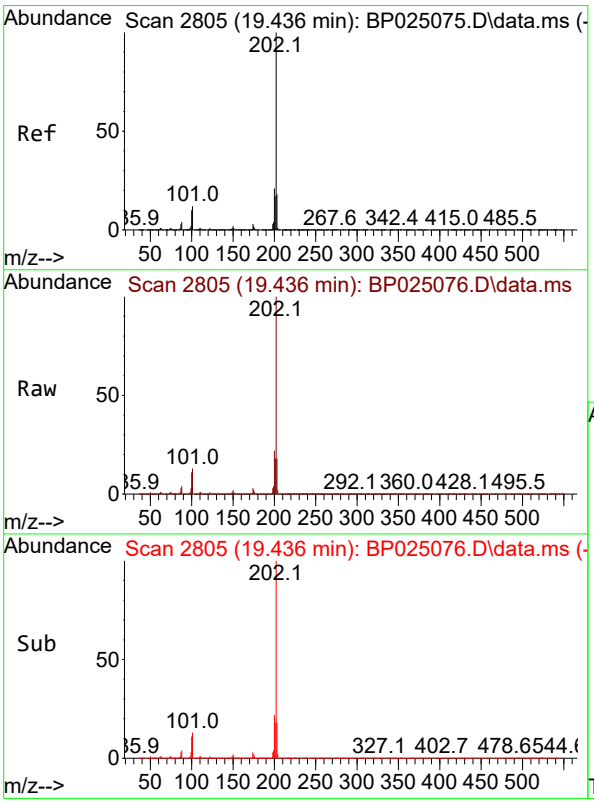
#77
Benzidine
Concen: 59.401 ng
RT: 19.271 min Scan# 2
Delta R.T. 0.005 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 2357157

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.6	9.4	14.2

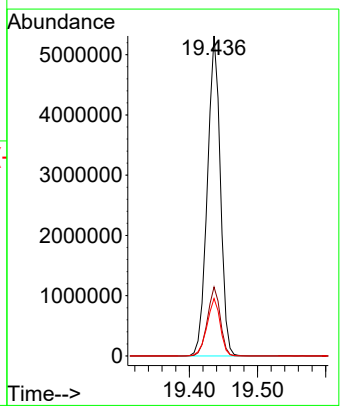


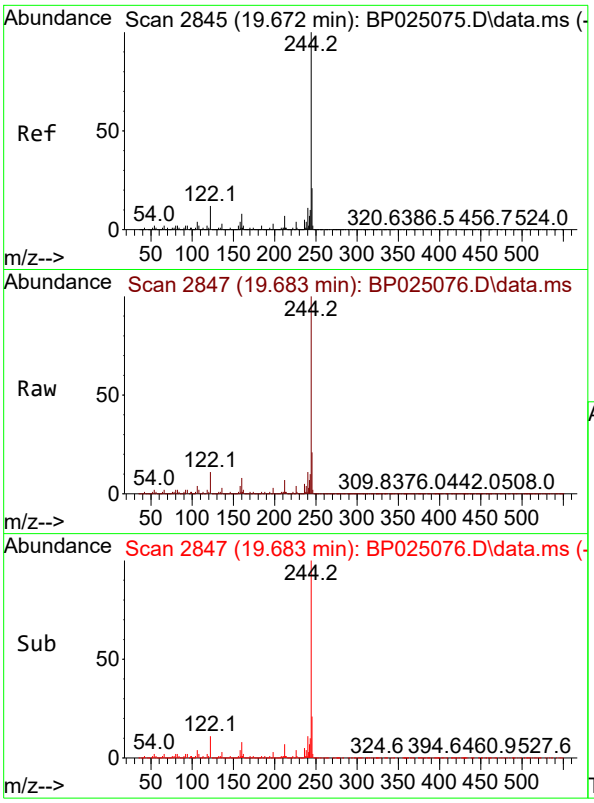


#78
Pyrene
Concen: 50.503 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:202 Resp: 7028090

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	17.9	14.1	21.1



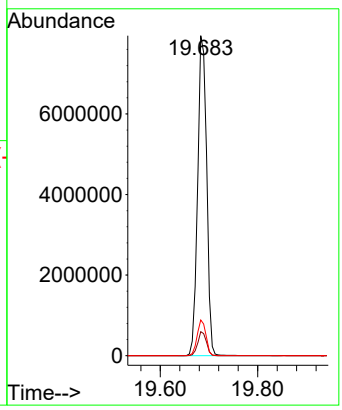


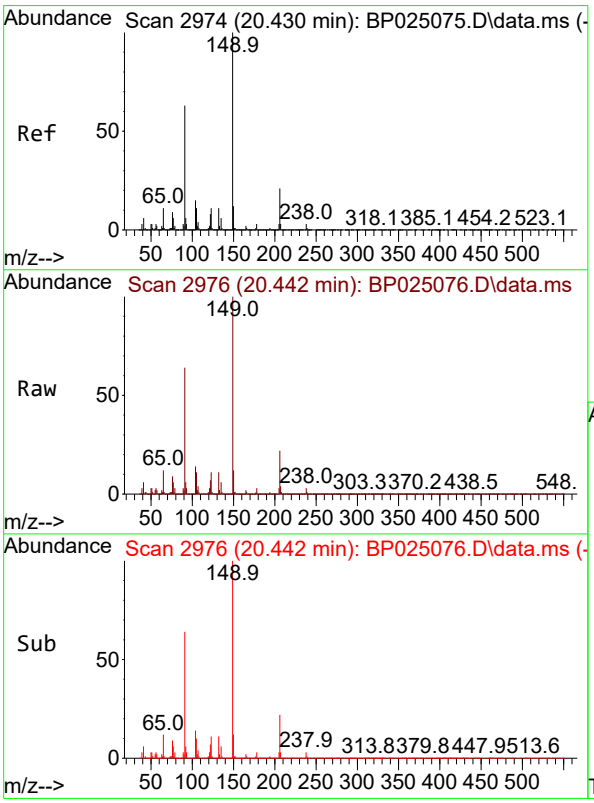
#79
Terphenyl-d14
Concen: 100.557 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp:10280025

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.2	9.4	14.2

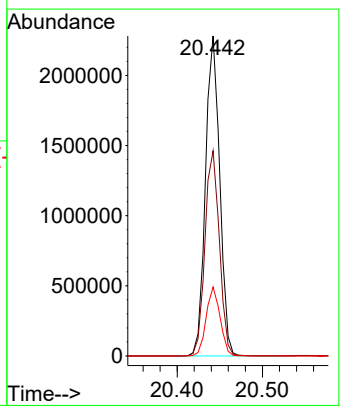


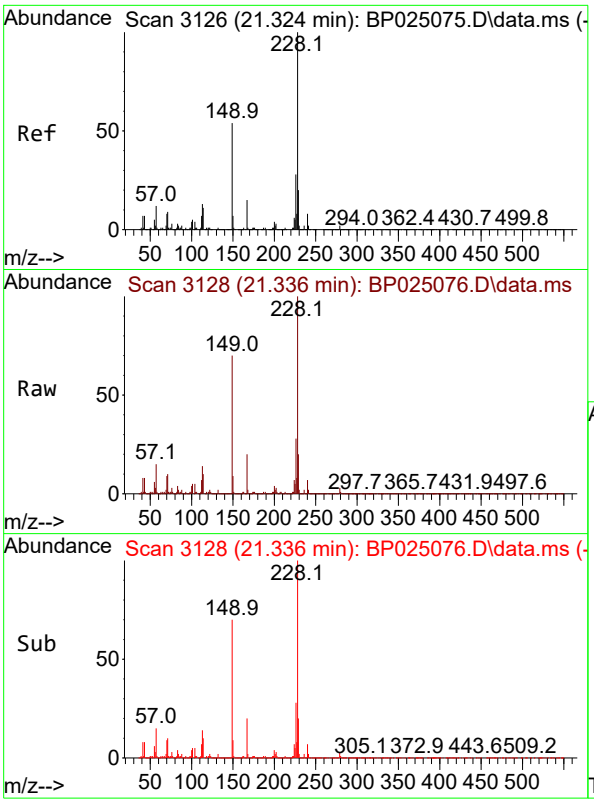


#80
Butylbenzylphthalate
Concen: 49.237 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 2645413

Ion	Ratio	Lower	Upper
149	100		
91	64.1	50.6	76.0
206	21.5	17.2	25.8



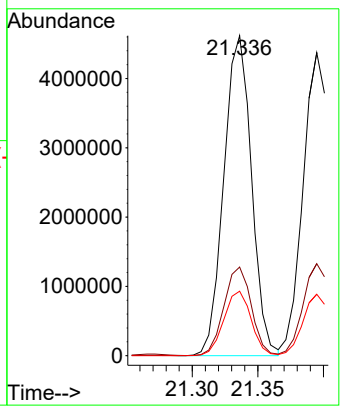


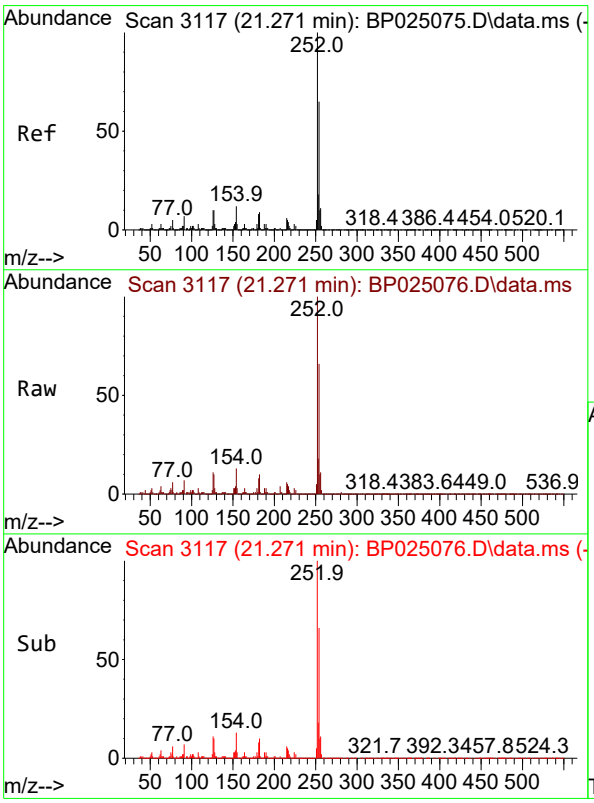
#81
Benzo(a)anthracene
Concen: 49.798 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 6780561

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.2	16.0	24.0

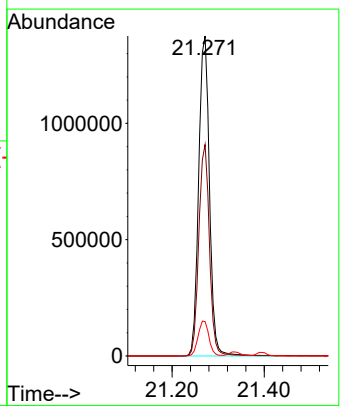


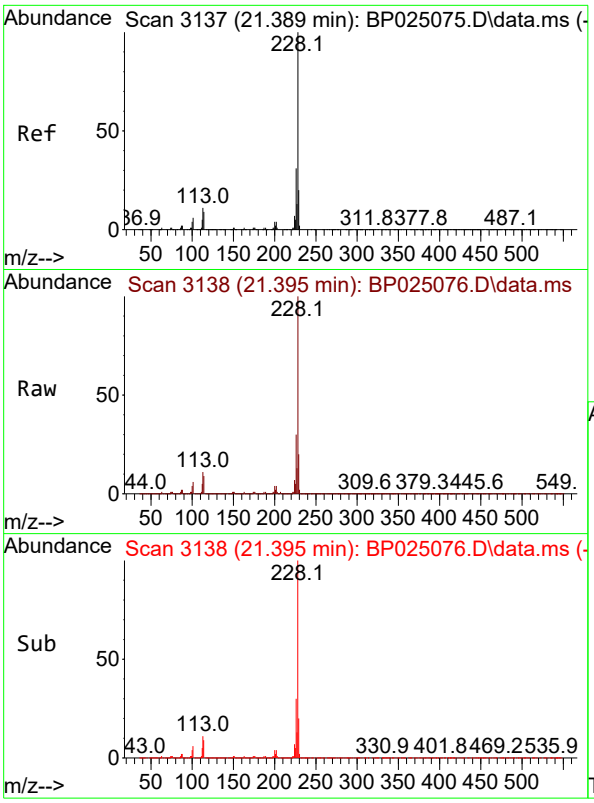


#82
3,3'-Dichlorobenzidine
Concen: 54.684 ng
RT: 21.271 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 2241436

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.9	77.9
126	10.8	8.1	12.1



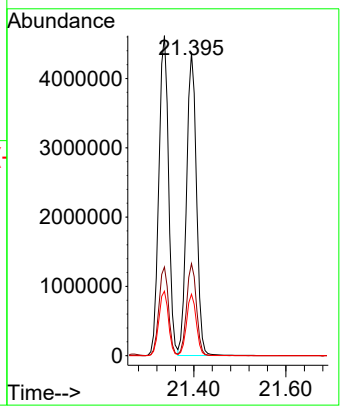


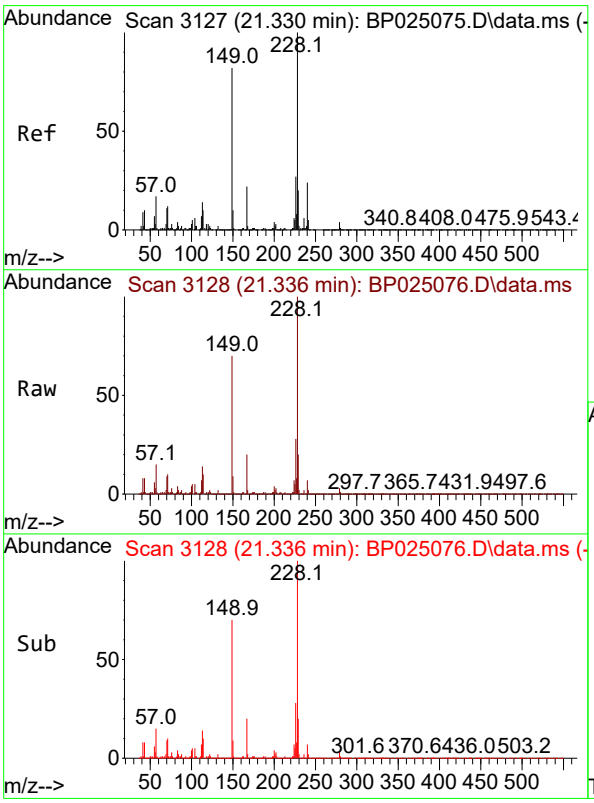
#83
Chrysene
Concen: 49.609 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 6500368

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	20.3	16.0	24.0

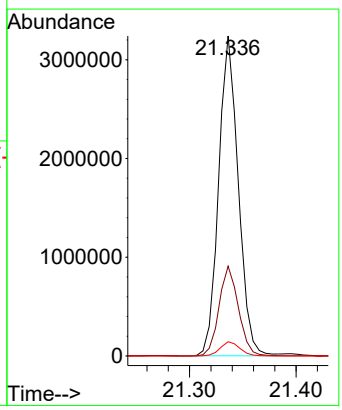


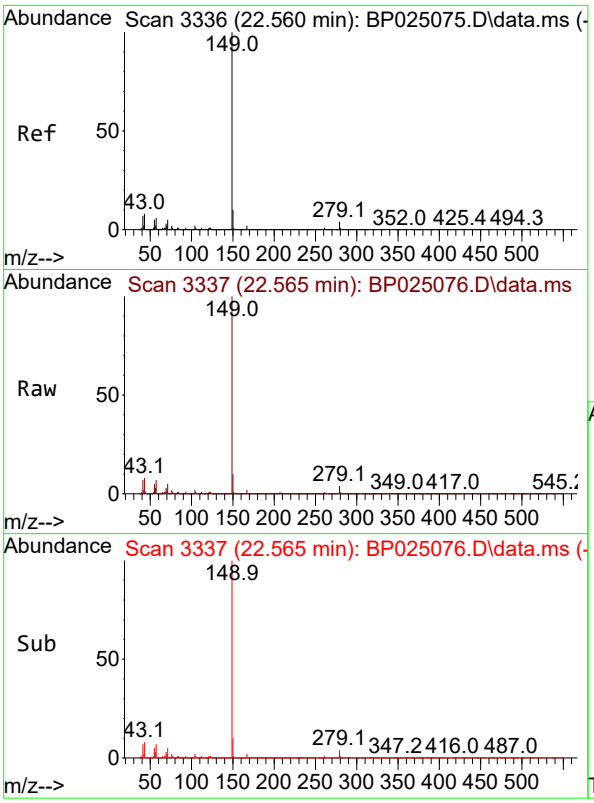


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.690 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:149 Resp: 4140331

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.9	32.9
279	4.5	3.5	5.3



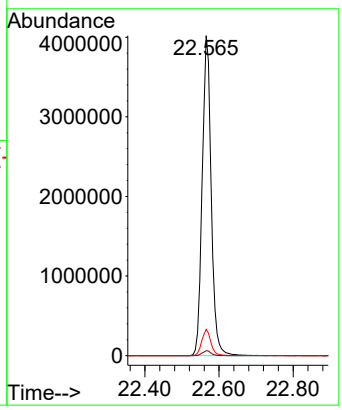


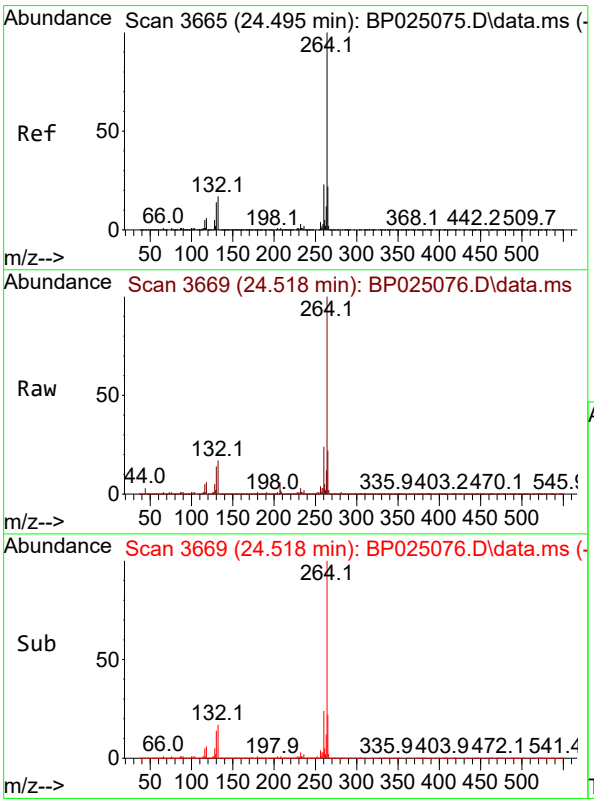
#85
Di-n-octyl phthalate
Concen: 50.271 ng
RT: 22.565 min Scan# 3
Delta R.T. 0.005 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 6776549

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	6.9	10.3

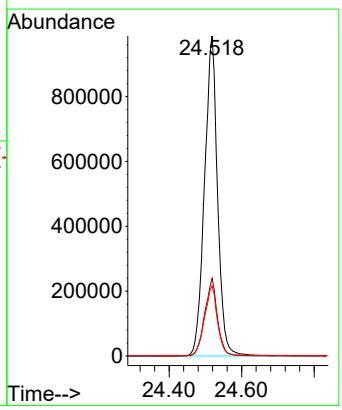


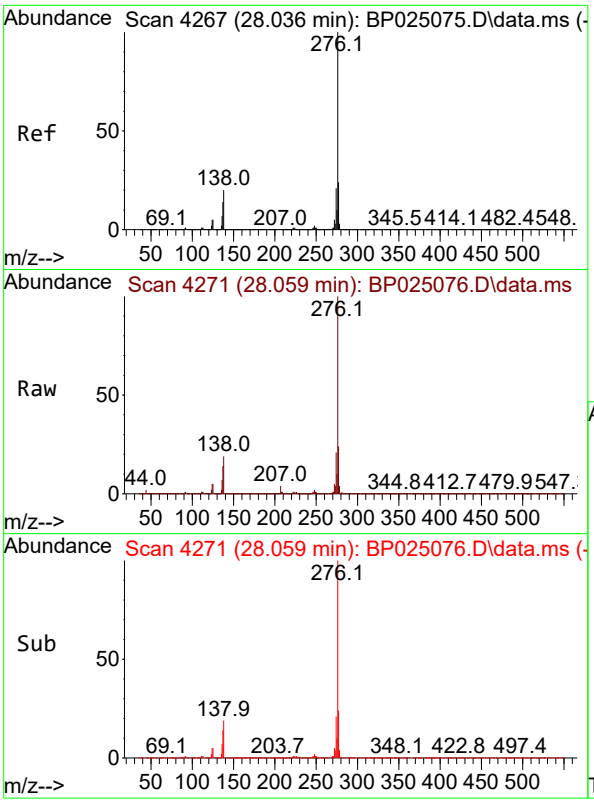


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.518 min Scan# 3669
Delta R.T. 0.023 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:264 Resp: 2460402

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	21.9	17.7	26.5



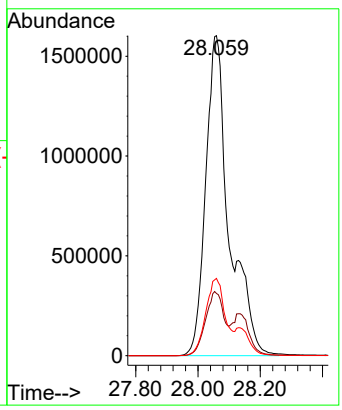


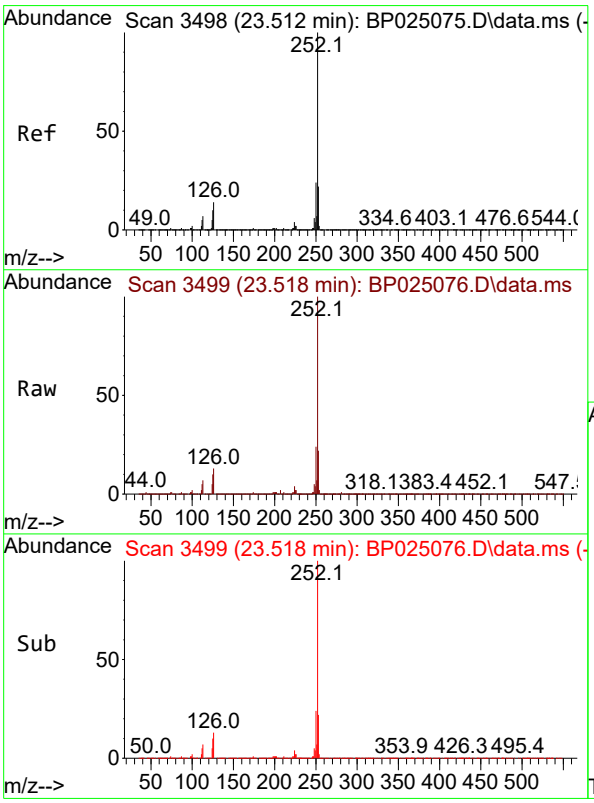
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.583 ng m
RT: 28.059 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 8400646

Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.0	19.6
277	20.3	15.9	23.9

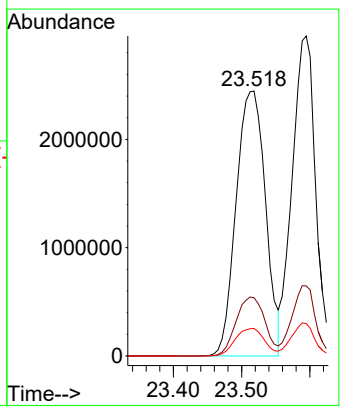


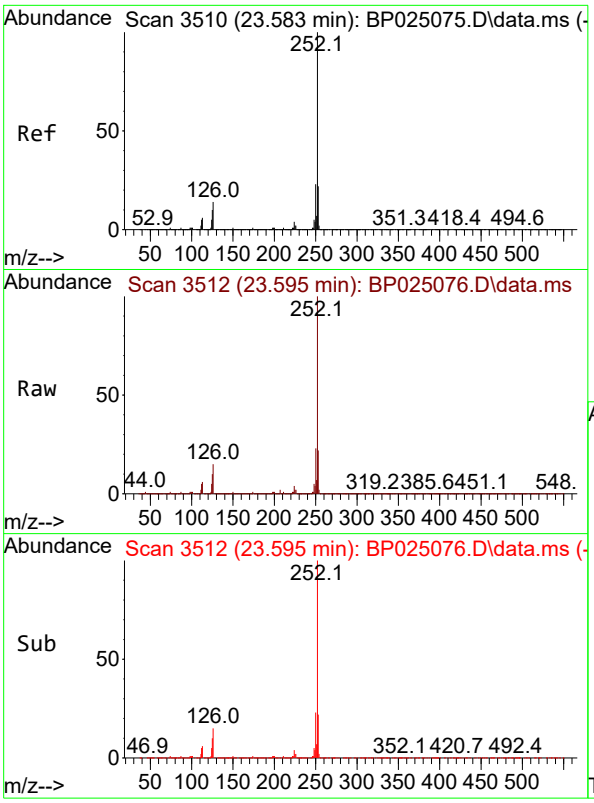


#88
Benzo(b)fluoranthene
Concen: 51.035 ng
RT: 23.518 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 7308592

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.4	8.1	12.1



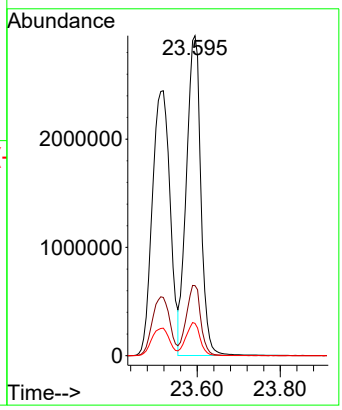


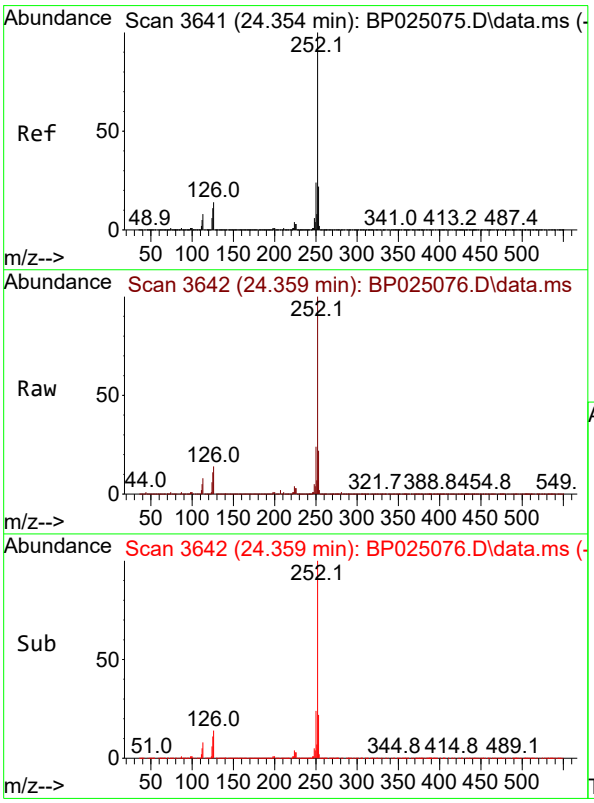
#89
Benzo(k)fluoranthene
Concen: 49.931 ng
RT: 23.595 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 7114695

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.1	8.2	12.2

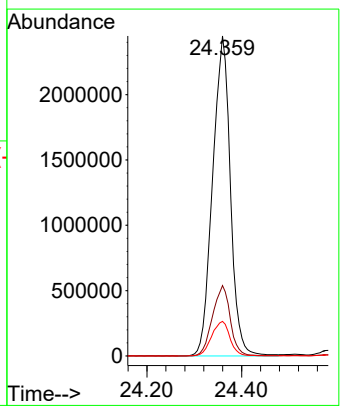


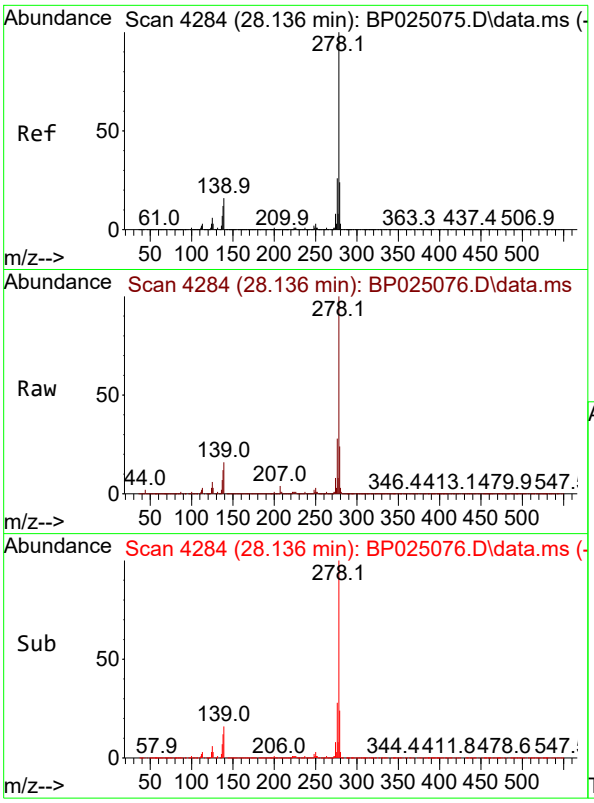


#90
Benzo(a)pyrene
Concen: 52.234 ng
RT: 24.359 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:252 Resp: 6366556

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.8	9.0	13.4



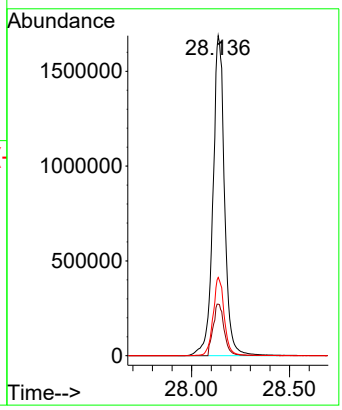


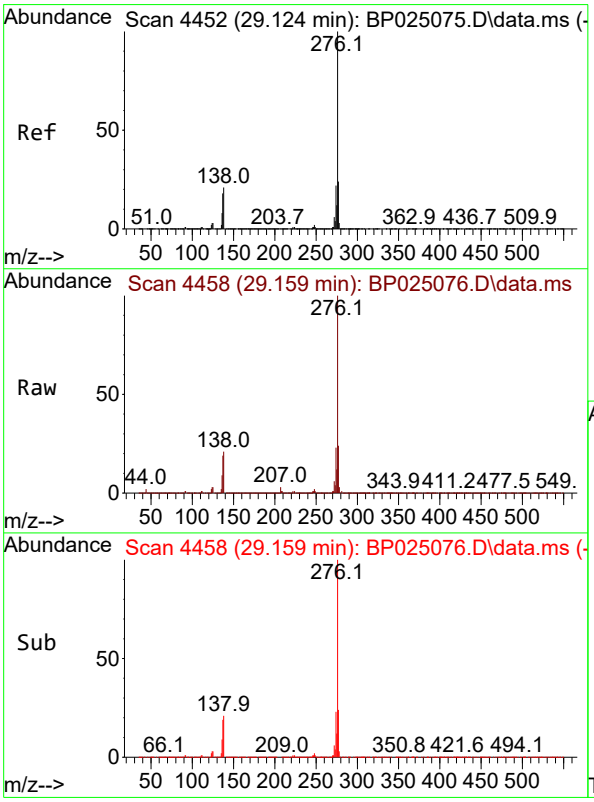
#91
Dibenzo(a,h)anthracene
Concen: 53.464 ng
RT: 28.136 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 6926985

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.1	19.7
279	24.4	18.9	28.3

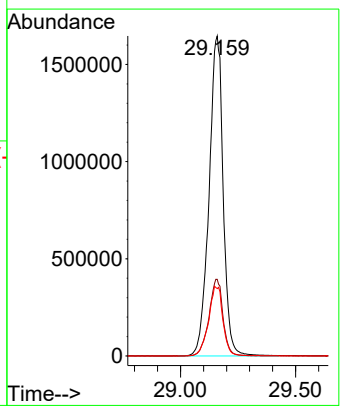




#92
Benzo(g,h,i)perylene
Concen: 52.480 ng
RT: 29.159 min Scan# 4458
Delta R.T. 0.035 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

Tgt Ion:276 Resp: 7023994

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	21.1	16.9	25.3



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jul 03 15:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	400654	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1612661	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1045830	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2142509	20.000	ng	0.00
76) Chrysene-d12	21.360	240	2162992	20.000	ng	0.02
86) Perylene-d12	24.512	264	2316428	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2806806	124.128	ng	0.00
7) Phenol-d6	6.631	99	3710318	125.737	ng	0.00
23) Nitrobenzene-d5	8.572	82	3129724	129.067	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1671151	135.264	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	8229134	121.896	ng	0.00
79) Terphenyl-d14	19.683	244	12149101	123.446	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	514997	58.570	ng	100
3) Pyridine	3.490	79	1488833m	61.892	ng	
4) n-Nitrosodimethylamine	3.408	42	627147	61.529	ng	96
6) Aniline	6.790	93	1716823	62.270	ng	100
8) 2-Chlorophenol	7.019	128	1555133	61.468	ng	99
9) Benzaldehyde	6.596	77	770087	49.971	ng	100
10) Phenol	6.660	94	1851536	61.753	ng	100
11) bis(2-Chloroethyl)ether	6.884	93	1408699	61.048	ng	100
12) 1,3-Dichlorobenzene	7.331	146	1698963	60.002	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1711649	59.706	ng	99
14) 1,2-Dichlorobenzene	7.784	146	1644605	59.636	ng	99
15) Benzyl Alcohol	7.678	79	1271626	64.566	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.978	45	1799327	59.970	ng	99
17) 2-Methylphenol	7.878	107	1227158	63.538	ng	99
18) Hexachloroethane	8.501	117	577842	61.873	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	1096243	62.642	ng	99
20) 3+4-Methylphenols	8.201	107	1716929	63.466	ng	99
22) Acetophenone	8.249	105	2324403	60.946	ng	98
24) Nitrobenzene	8.613	77	1583678	64.118	ng	98
25) Isophorone	9.137	82	2889727	63.768	ng	98
26) 2-Nitrophenol	9.313	139	773866	63.426	ng	99
27) 2,4-Dimethylphenol	9.384	122	1082275	64.024	ng	98
28) bis(2-Chloroethoxy)met...	9.625	93	1922438	62.478	ng	100
29) 2,4-Dichlorophenol	9.837	162	1554368	66.313	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1621972	62.486	ng	98
31) Naphthalene	10.231	128	5073090	61.093	ng	100
32) Benzoic acid	9.537	122	1088519	65.480	ng	95
33) 4-Chloroaniline	10.348	127	1986181	64.093	ng	99
34) Hexachlorobutadiene	10.537	225	926172	62.176	ng	99
35) Caprolactam	11.125	113	523393	65.271	ng	97
36) 4-Chloro-3-methylphenol	11.478	107	1604130	65.488	ng	99
37) 2-Methylnaphthalene	11.860	142	3613084	61.667	ng	99
38) 1-Methylnaphthalene	12.090	142	3560508	62.310	ng	99
40) 1,2,4,5-Tetrachloroben...	12.237	216	1914890	63.709	ng	99
41) Hexachlorocyclopentadiene	12.231	237	537315	68.439	ng	99
43) 2,4,6-Trichlorophenol	12.495	196	1250359	68.701	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jul 03 15:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1383790	67.090	ng	99
46) 1,1'-Biphenyl	12.907	154	4675752	61.447	ng	100
47) 2-Chloronaphthalene	12.937	162	3517185	61.497	ng	98
48) 2-Nitroaniline	13.148	65	907242	63.792	ng	99
49) Acenaphthylene	13.807	152	5526428	63.134	ng	100
50) Dimethylphthalate	13.566	163	4648592	63.498	ng	100
51) 2,6-Dinitrotoluene	13.660	165	982034	68.780	ng	99
52) Acenaphthene	14.160	154	3486609	61.801	ng	99
53) 3-Nitroaniline	13.995	138	1081057	70.651	ng	97
54) 2,4-Dinitrophenol	14.207	184	430100	62.873	ng	94
55) Dibenzofuran	14.501	168	5689473	61.105	ng	99
56) 4-Nitrophenol	14.319	139	944200	66.867	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1348673	63.463	ng	98
58) Fluorene	15.160	166	4402726	61.134	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.736	232	1246432	66.732	ng	99
60) Diethylphthalate	14.972	149	4634770	63.033	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	2194839	61.583	ng	99
62) 4-Nitroaniline	15.183	138	1111684	69.287	ng	99
63) Azobenzene	15.472	77	3969523	60.626	ng	98
65) 4,6-Dinitro-2-methylph...	15.254	198	625497	62.277	ng	99
66) n-Nitrosodiphenylamine	15.395	169	3803576	62.033	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	1375012	62.680	ng	96
68) Hexachlorobenzene	16.201	284	1649772	61.529	ng	97
69) Atrazine	16.389	200	1107895	61.661	ng	99
70) Pentachlorophenol	16.548	266	1197597	66.135	ng	99
71) Phenanthrene	16.948	178	6952893	60.733	ng	100
72) Anthracene	17.048	178	6826544	62.154	ng	100
73) Carbazole	17.325	167	6534571	60.850	ng	100
74) Di-n-butylphthalate	17.966	149	7890575	65.983	ng	99
75) Fluoranthene	19.054	202	8151085	60.911	ng	98
77) Benzidine	19.260	184	1867570	48.887	ng	100
78) Pyrene	19.436	202	8447118	63.052	ng	99
80) Butylbenzylphthalate	20.436	149	3368485	63.936	ng	99
81) Benzo(a)anthracene	21.342	228	8160252	62.254	ng	99
82) 3,3'-Dichlorobenzidine	21.271	252	2685016	68.044	ng	100
83) Chrysene	21.401	228	7729618	61.276	ng	99
84) Bis(2-ethylhexyl)phtha...	21.342	149	4960480	70.551	ng	98
85) Di-n-octyl phthalate	22.565	149	8384283	62.869	ng	99
87) Indeno(1,2,3-cd)pyrene	28.071	276	9961748m	67.489	ng	
88) Benzo(b)fluoranthene	23.518	252	8800482	65.272	ng	100
89) Benzo(k)fluoranthene	23.583	252	8461854	63.076	ng	99
90) Benzo(a)pyrene	24.359	252	7703067	67.128	ng	100
91) Dibenzo(a,h)anthracene	28.153	278	8144621	66.770	ng	99
92) Benzo(g,h,i)perylene	29.159	276	8319243	66.020	ng	100

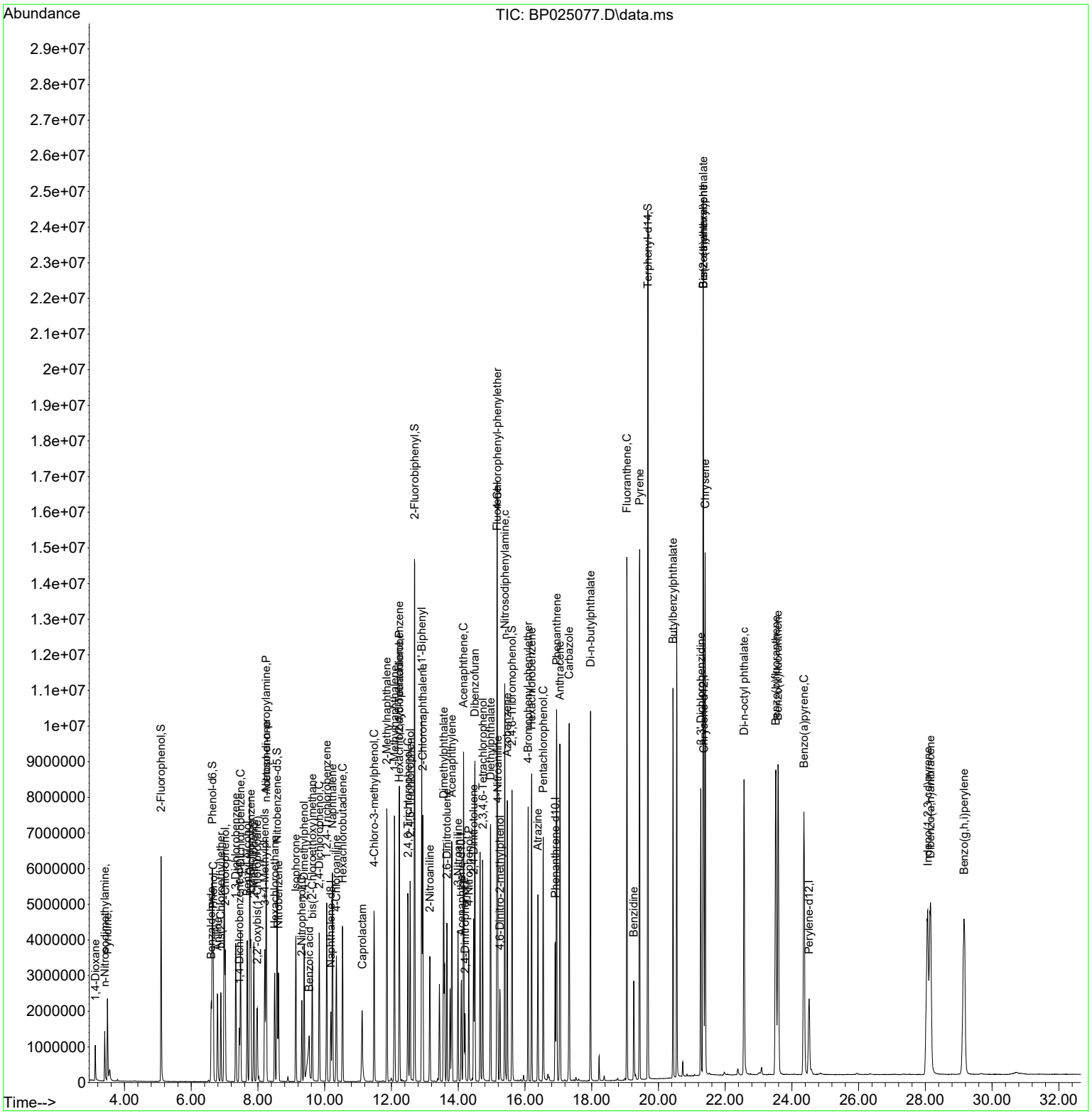
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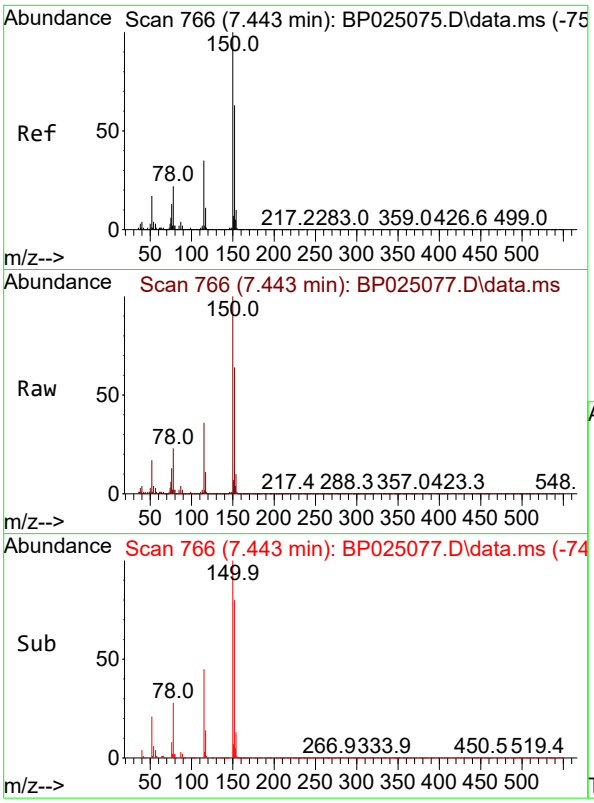
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Jul 03 15:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



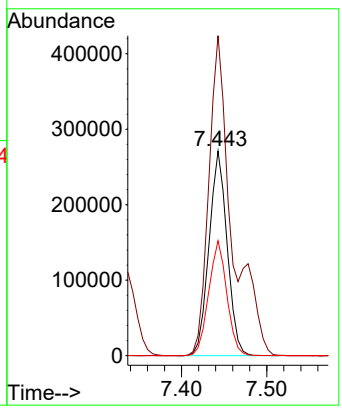


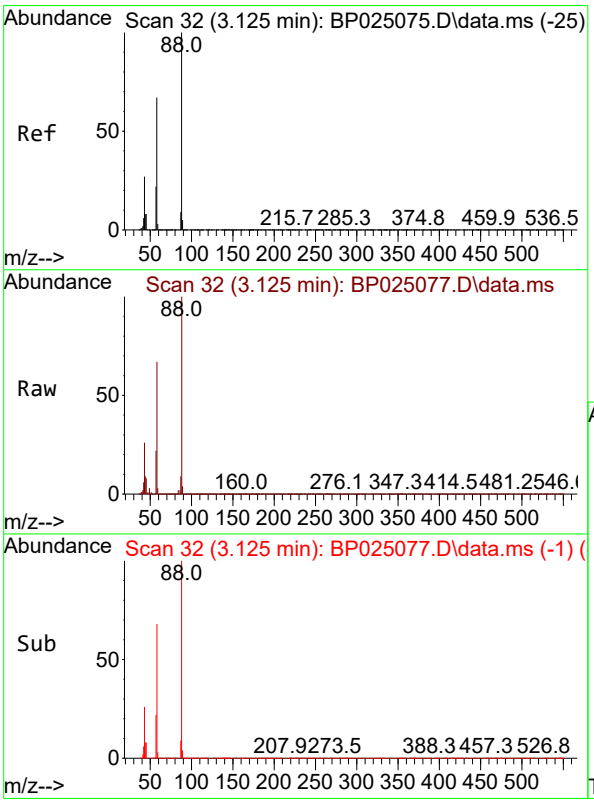
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 400654

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.1	189.1
115	56.1	44.3	66.5

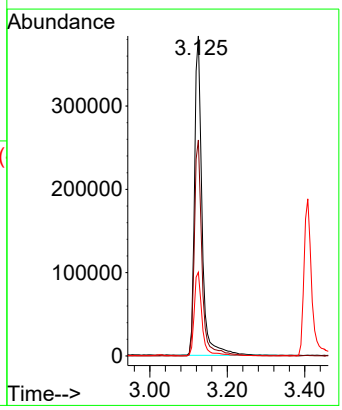


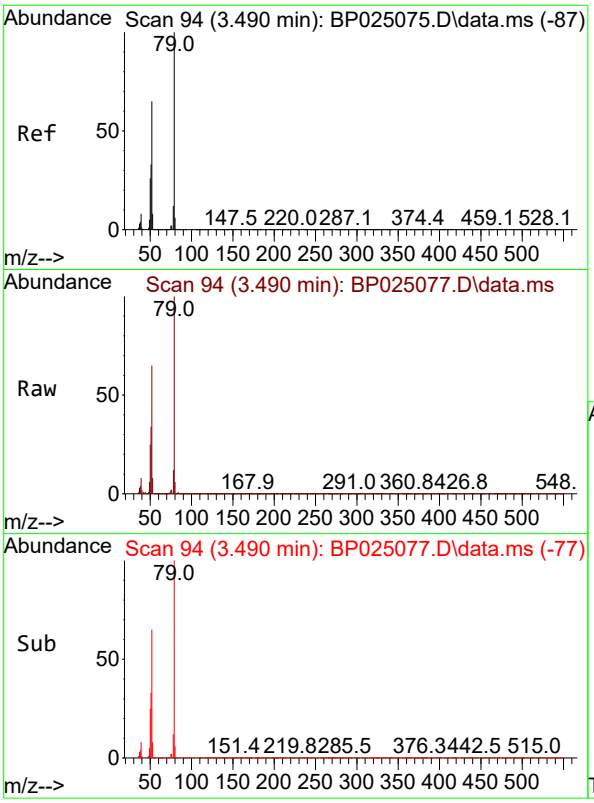


#2
1,4-Dioxane
Concen: 58.570 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 88 Resp: 514997

Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.0	82.4
43	27.4	21.9	32.9



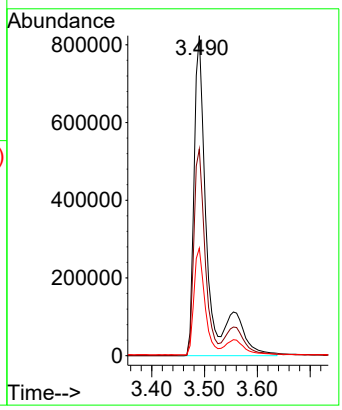


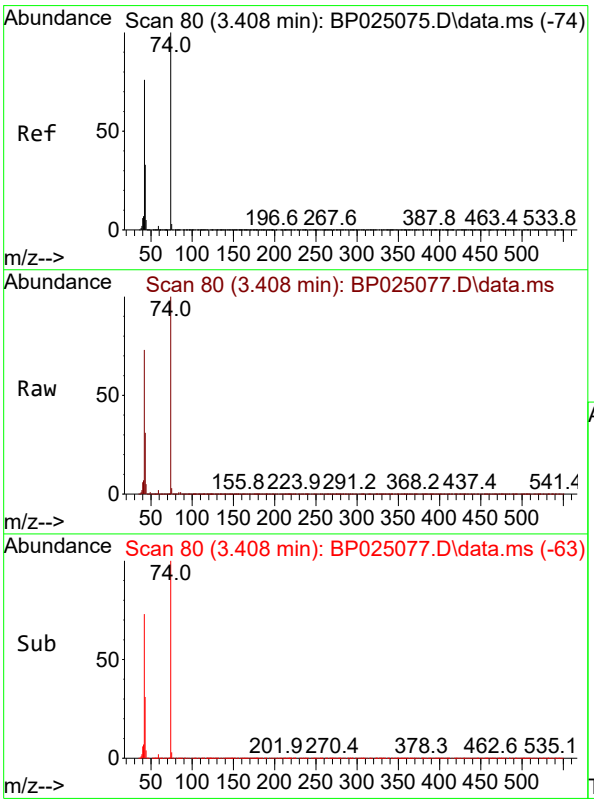
#3
Pyridine
Concen: 61.892 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1488833

Ion	Ratio	Lower	Upper
79	100		
52	64.6	52.2	78.4
51	33.6	26.8	40.2

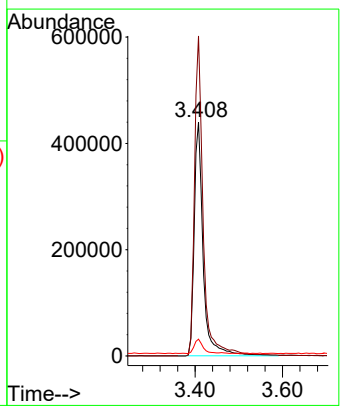


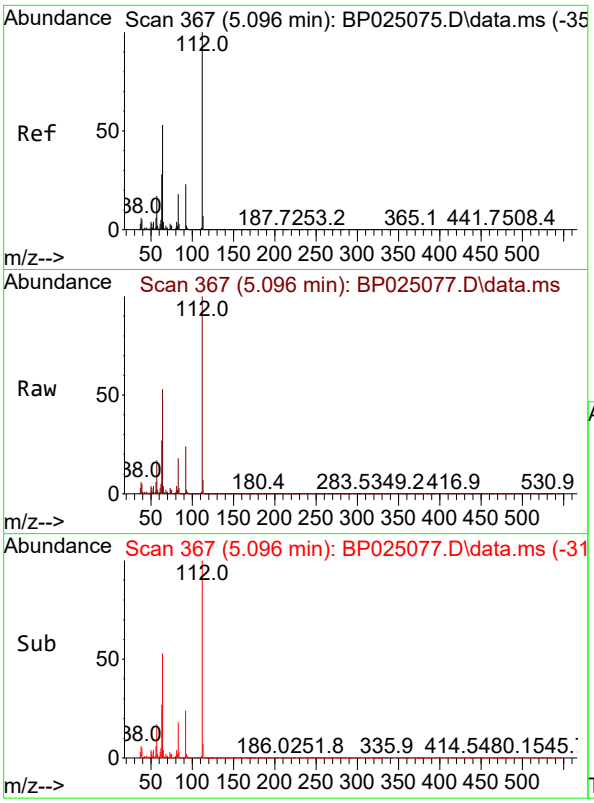


#4
n-Nitrosodimethylamine
Concen: 61.529 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 42 Resp: 627147

Ion	Ratio	Lower	Upper
42	100		
74	136.8	105.2	157.8
44	7.2	6.6	9.8



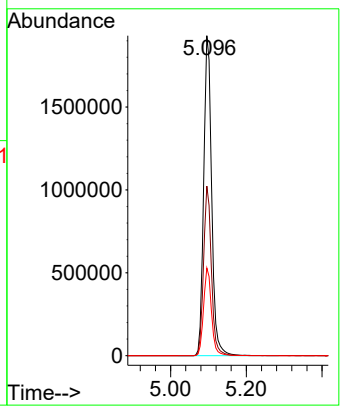


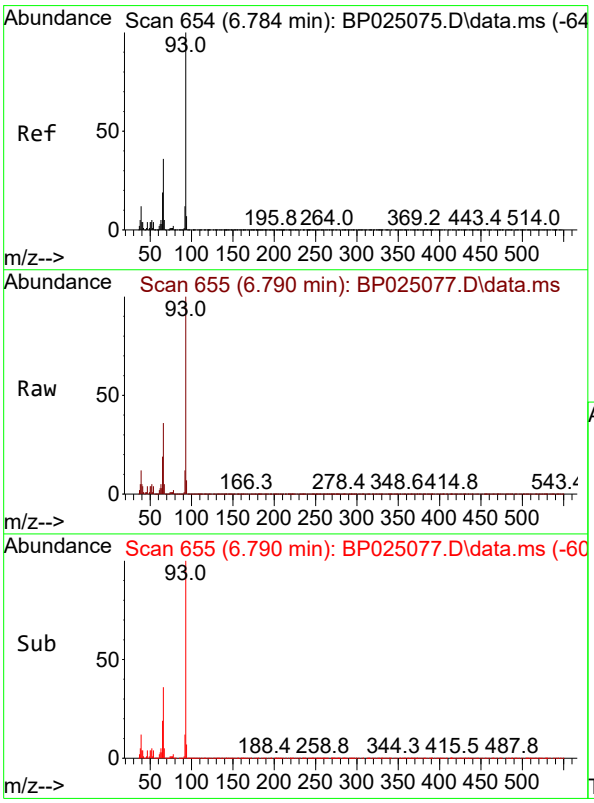
#5
2-Fluorophenol
Concen: 124.128 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 2806806

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.0	63.0
63	27.4	22.2	33.2

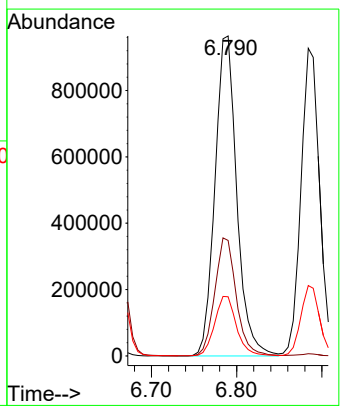


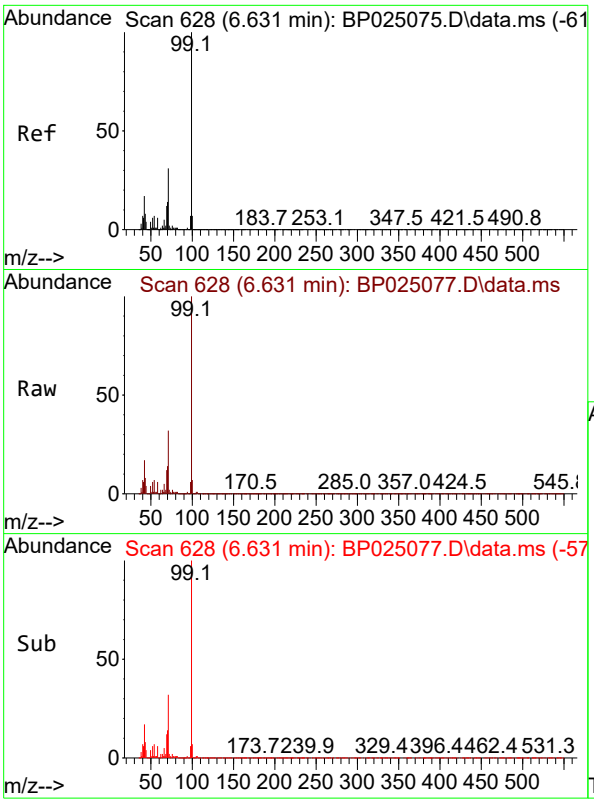


#6
Aniline
Concen: 62.270 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 93 Resp: 1716823

Ion	Ratio	Lower	Upper
93	100		
66	36.1	28.9	43.3
65	18.5	15.2	22.8



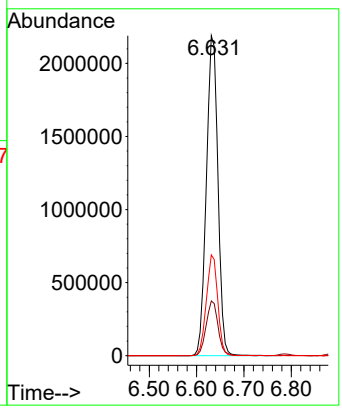


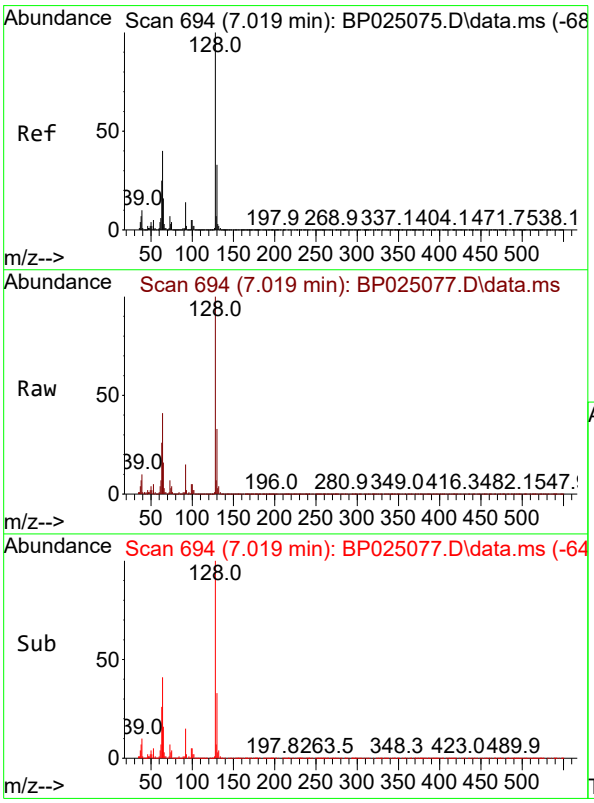
#7
Phenol-d6
Concen: 125.737 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 3710318

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	31.5	24.4	36.6

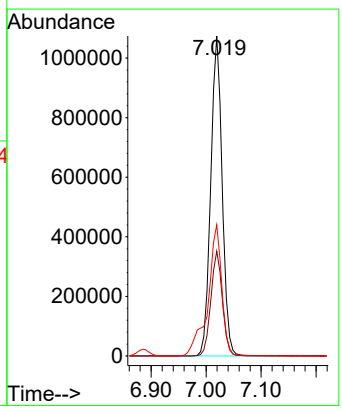


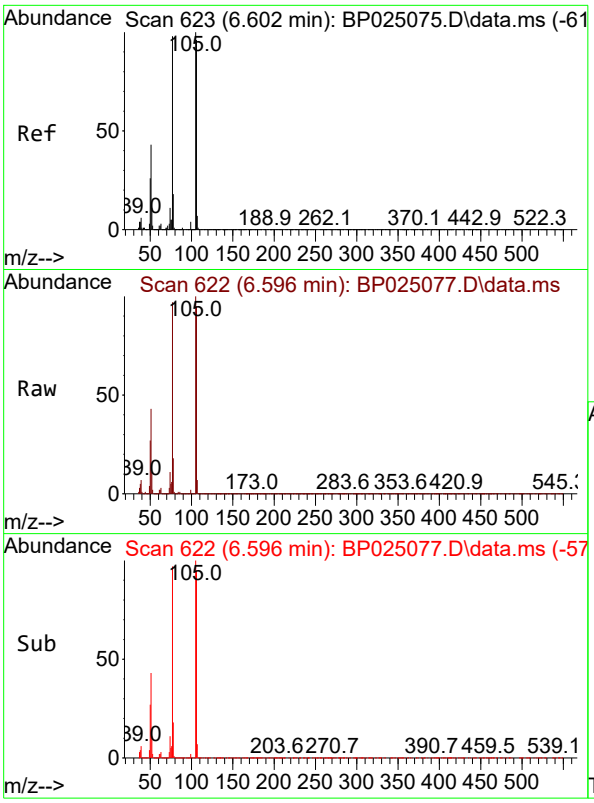


#8
2-Chlorophenol
Concen: 61.468 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:128 Resp: 1555133

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	41.0	20.3	60.3



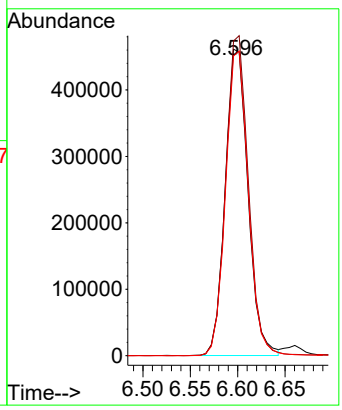


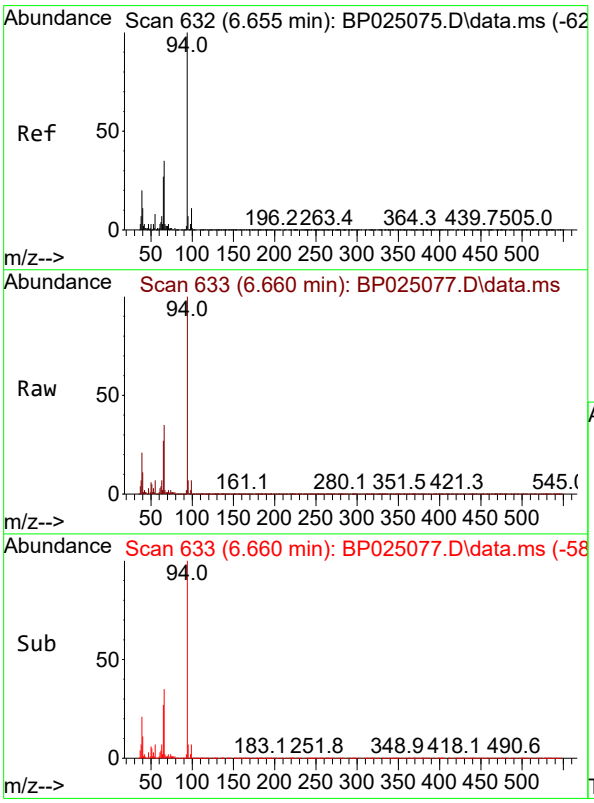
#9
Benzaldehyde
Concen: 49.971 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 770087

Ion	Ratio	Lower	Upper
77	100		
105	102.7	82.4	122.4
106	97.8	78.3	118.3

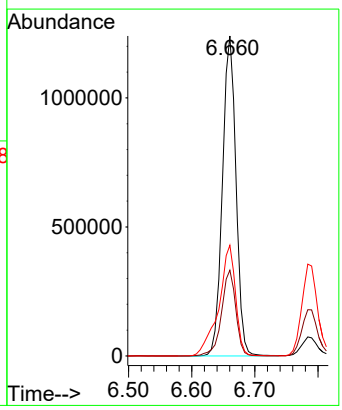


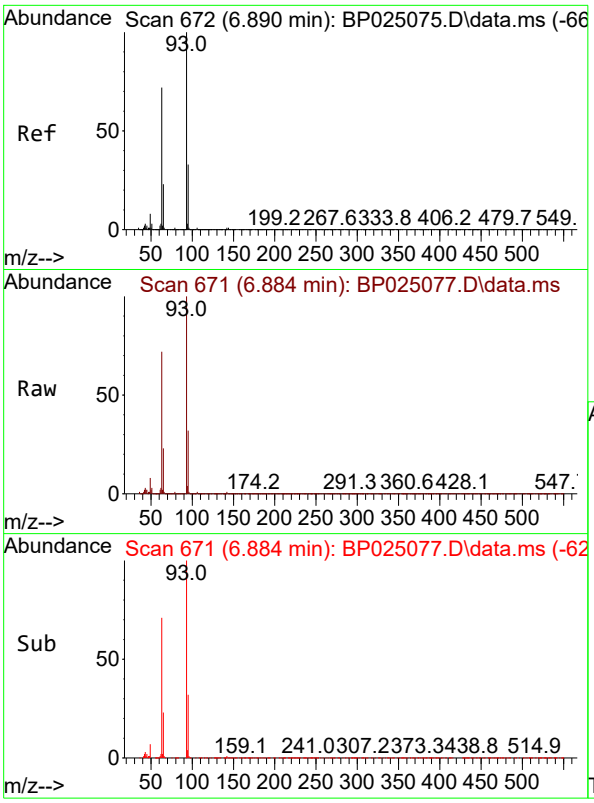


#10
Phenol
Concen: 61.753 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 94 Resp: 1851536

Ion	Ratio	Lower	Upper
94	100		
65	26.8	6.9	46.9
66	34.6	14.6	54.6



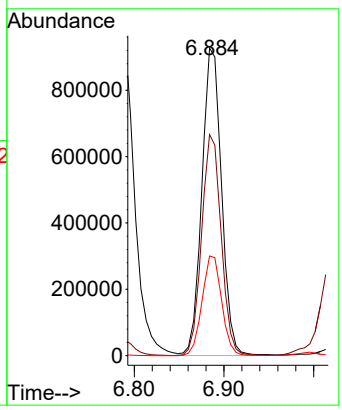


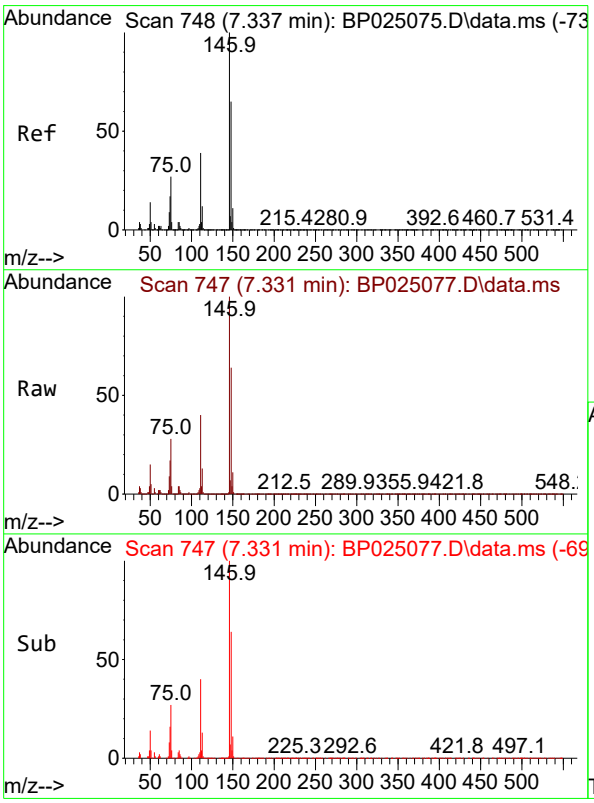
#11
bis(2-Chloroethyl)ether
Concen: 61.048 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 1408699

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	32.4	12.4	52.4

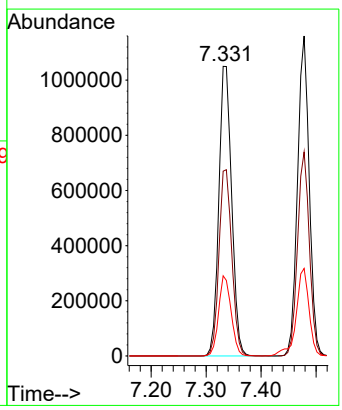


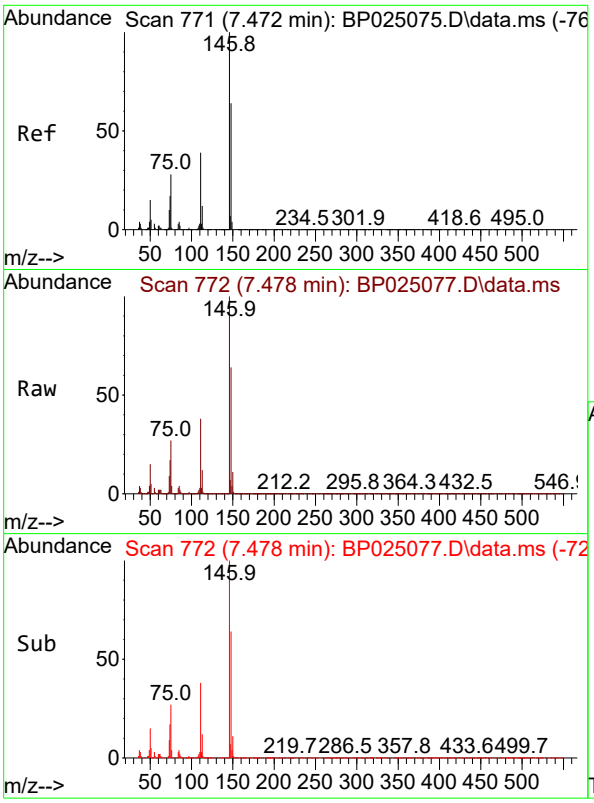


#12
1,3-Dichlorobenzene
Concen: 60.002 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:146 Resp: 1698963

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	27.7	21.8	32.6



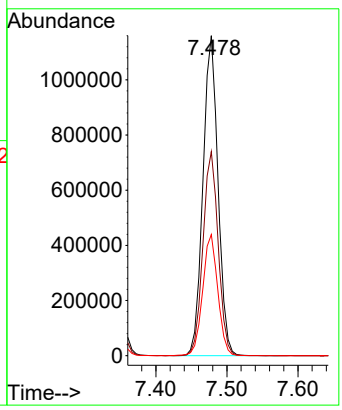


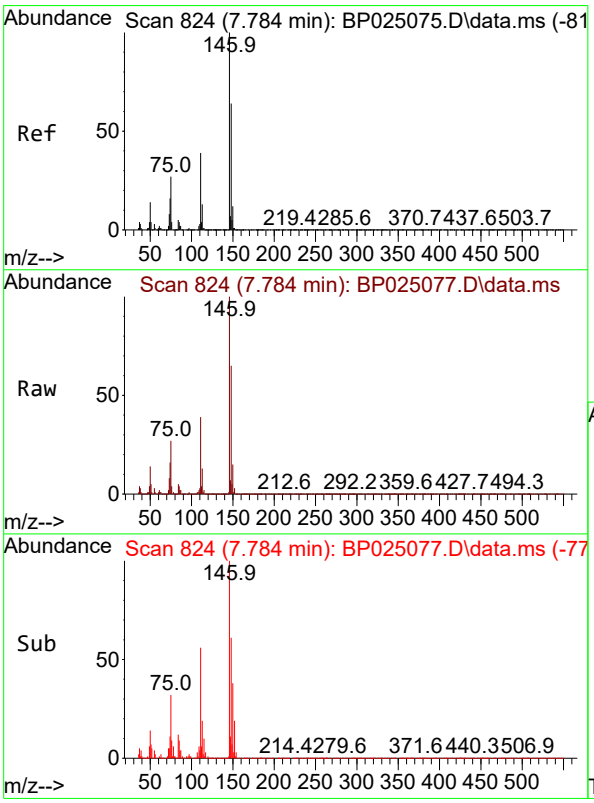
#13
1,4-Dichlorobenzene
Concen: 59.706 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1711649

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	37.8	31.2	46.8

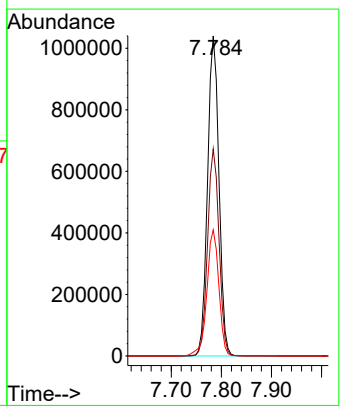


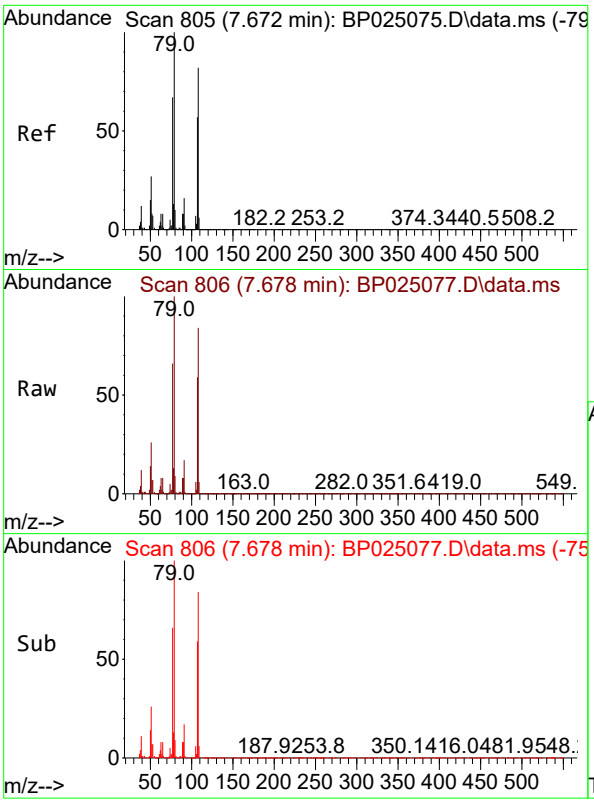


#14
1,2-Dichlorobenzene
Concen: 59.636 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:146 Resp: 1644605

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	39.4	31.2	46.8



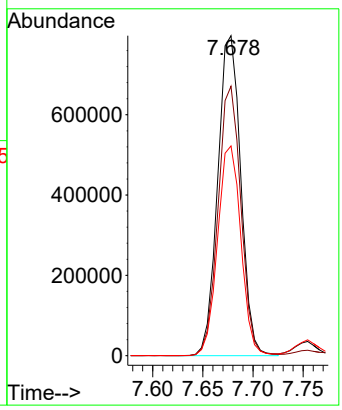


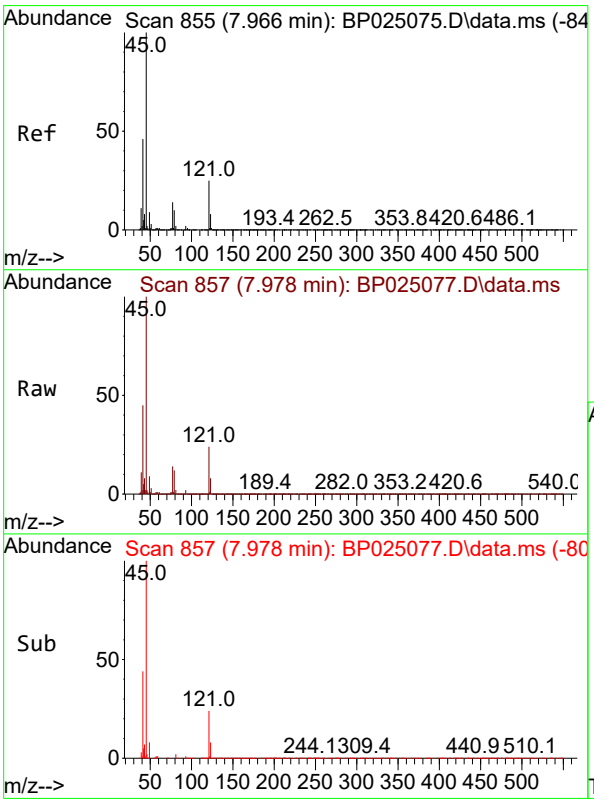
#15
Benzyl Alcohol
Concen: 64.566 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1271626

Ion	Ratio	Lower	Upper
79	100		
108	84.2	66.0	99.0
77	65.6	53.4	80.2

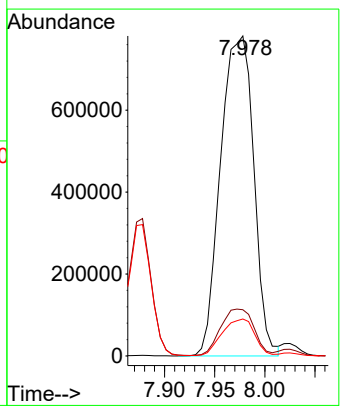


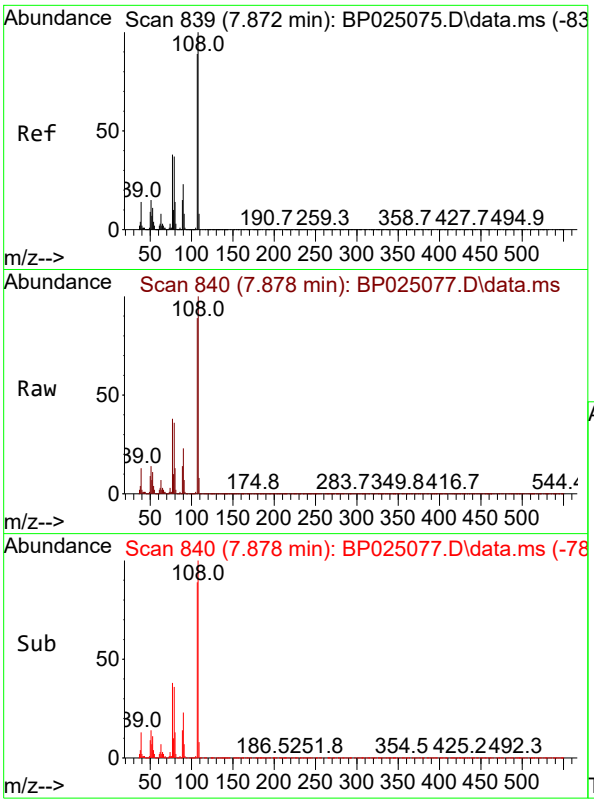


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.970 ng
RT: 7.978 min Scan# 857
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 45 Resp: 1799327

Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.8
79	11.6	0.0	30.7



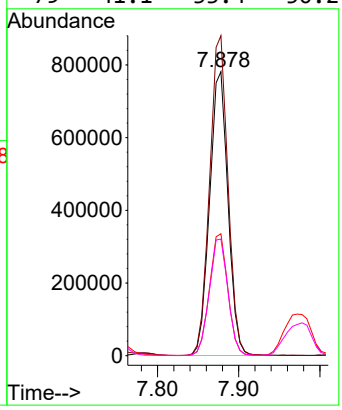


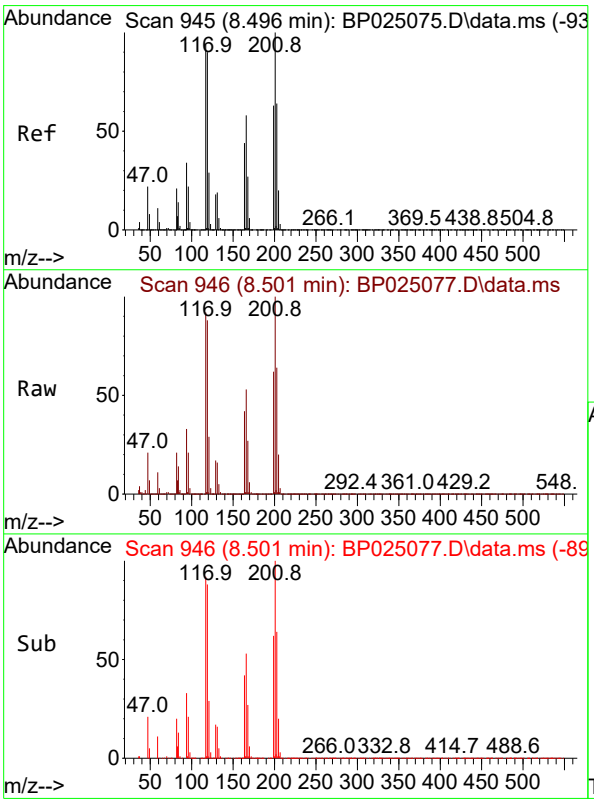
#17
2-Methylphenol
Concen: 63.538 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 1227158

Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.7	134.5
77	42.9	34.2	51.4
79	41.1	33.4	50.2

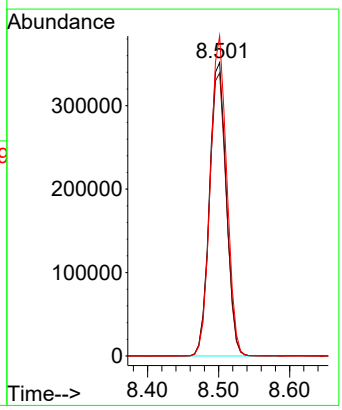


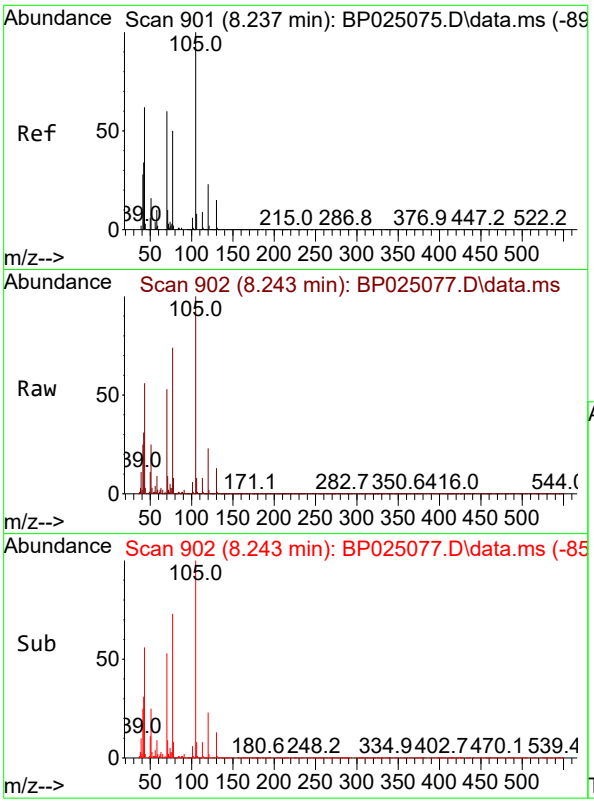


#18
Hexachloroethane
Concen: 61.873 ng
RT: 8.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:117 Resp: 577842

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	115.0
201	109.0	85.4	128.2



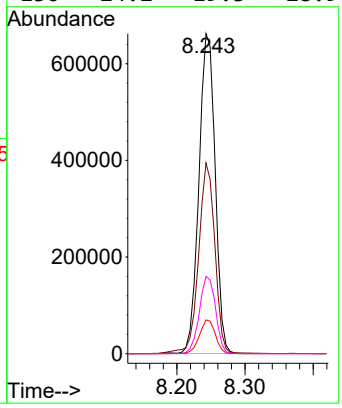


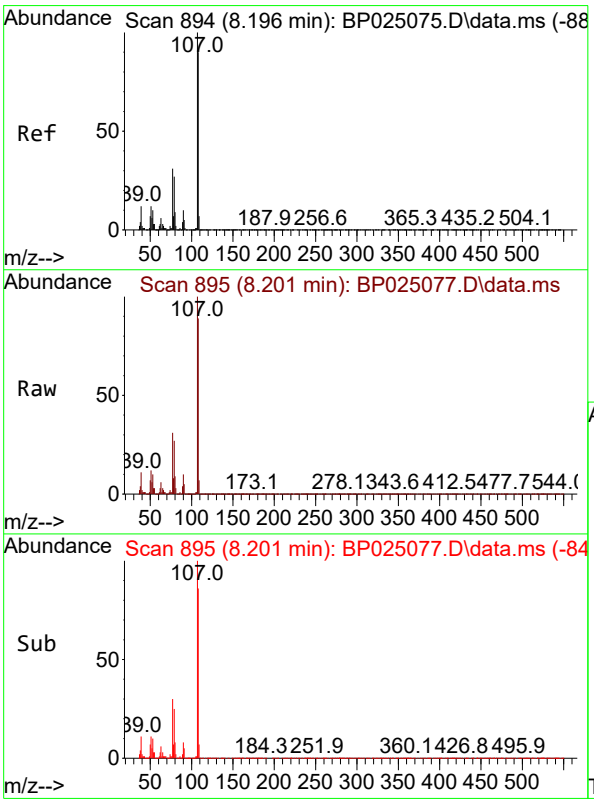
#19
n-Nitroso-di-n-propylamine
Concen: 62.642 ng
RT: 8.243 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 1096243

Ion	Ratio	Lower	Upper
70	100		
42	59.6	46.5	69.7
101	10.6	7.9	11.9
130	24.2	19.3	28.9

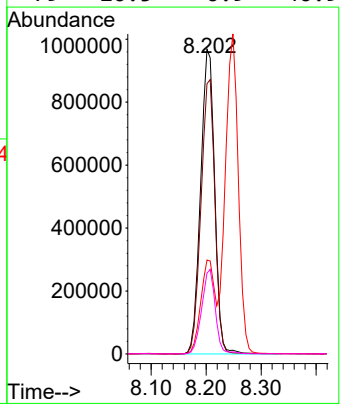


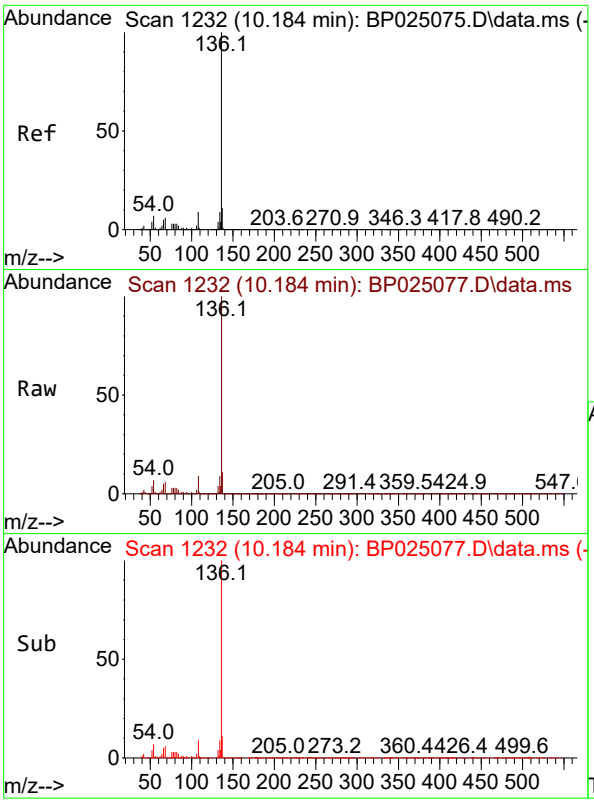


#20
3+4-Methylphenols
Concen: 63.466 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:107 Resp: 1716929

Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.5	109.5
77	30.9	11.4	51.4
79	26.5	6.9	46.9



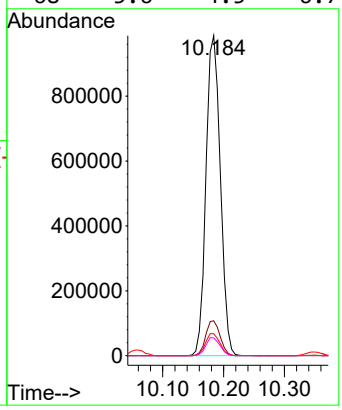


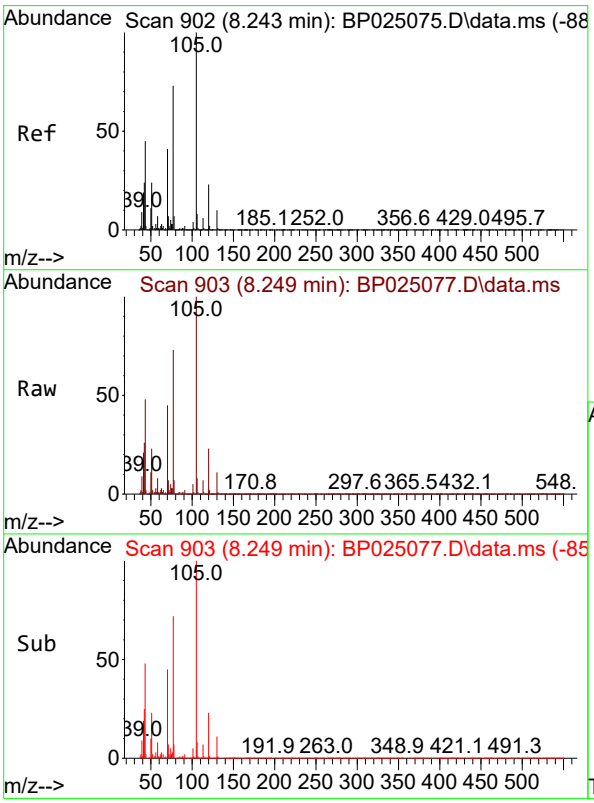
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 1612661

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.4	8.2
68	5.6	4.5	6.7

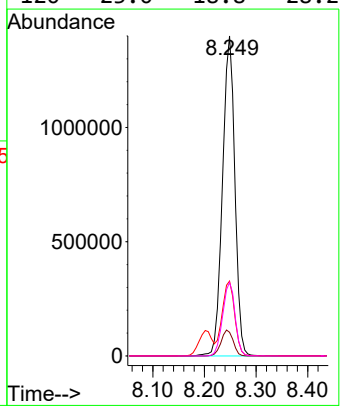


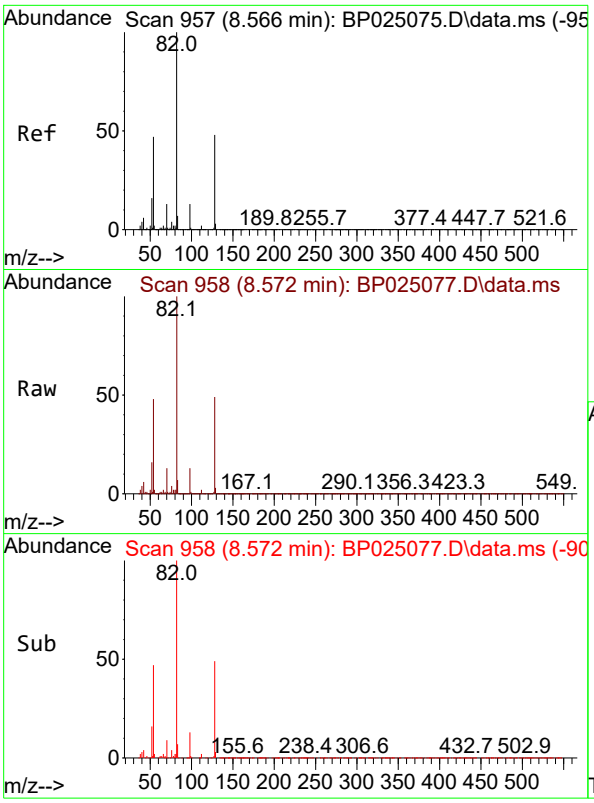


#22
Acetophenone
Concen: 60.946 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:105 Resp: 2324403

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.4	8.2
51	23.4	19.6	29.4
120	23.0	18.8	28.2



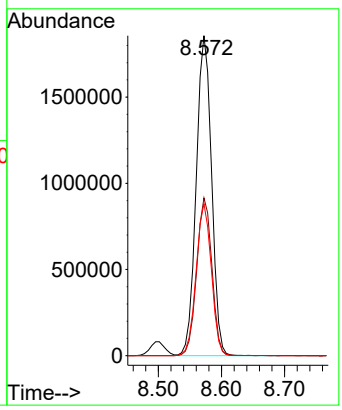


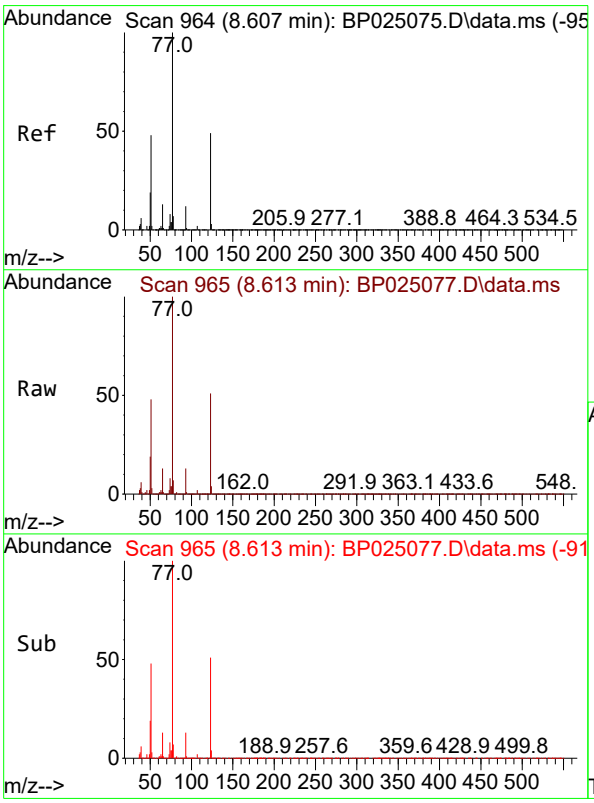
#23
Nitrobenzene-d5
Concen: 129.067 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 3129724

Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.4	57.6
54	47.5	37.8	56.6

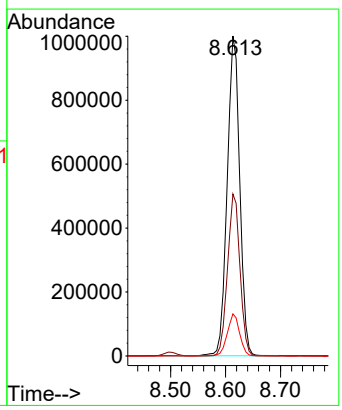


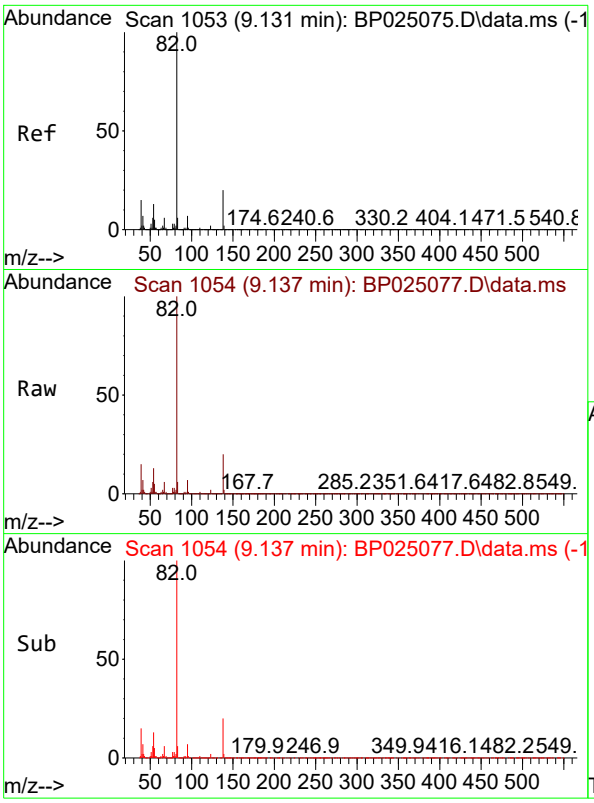


#24
Nitrobenzene
Concen: 64.118 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 77 Resp: 1583678

Ion	Ratio	Lower	Upper
77	100		
123	50.6	39.0	58.6
65	13.2	10.7	16.1



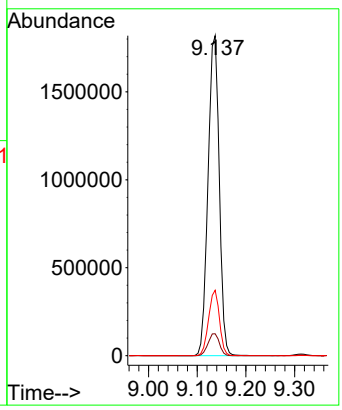


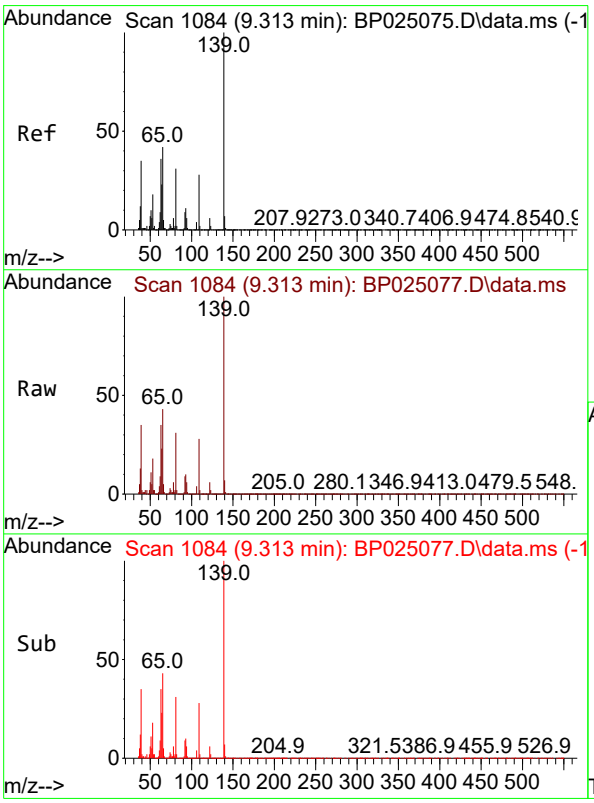
#25
Isophorone
Concen: 63.768 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2889727

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	20.4	15.7	23.5

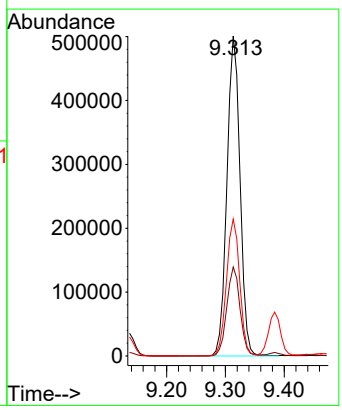


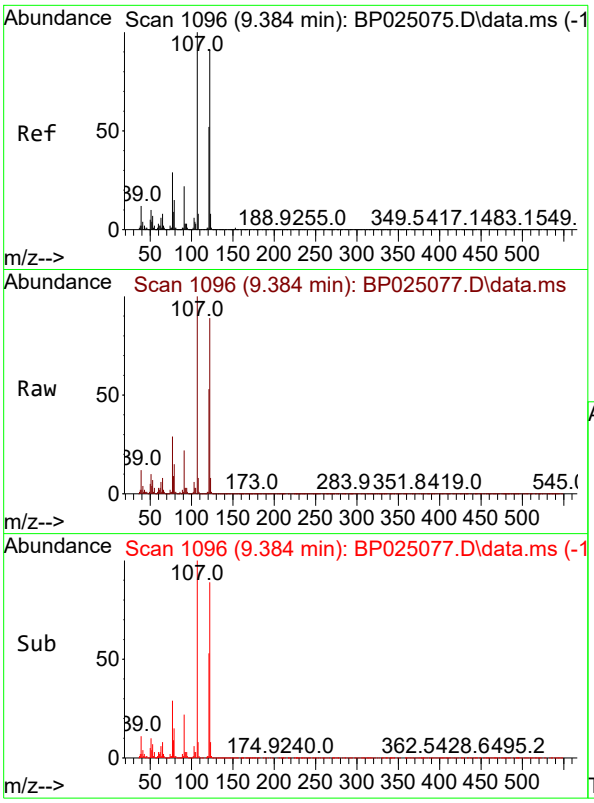


#26
2-Nitrophenol
Concen: 63.426 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:139 Resp: 773866

Ion	Ratio	Lower	Upper
139	100		
109	27.8	22.3	33.5
65	42.8	33.8	50.8



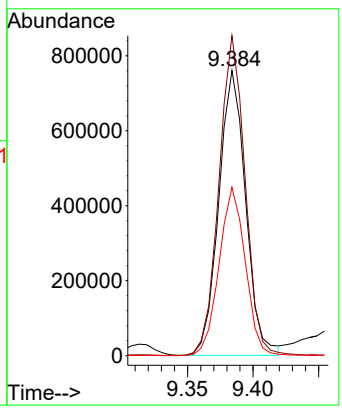


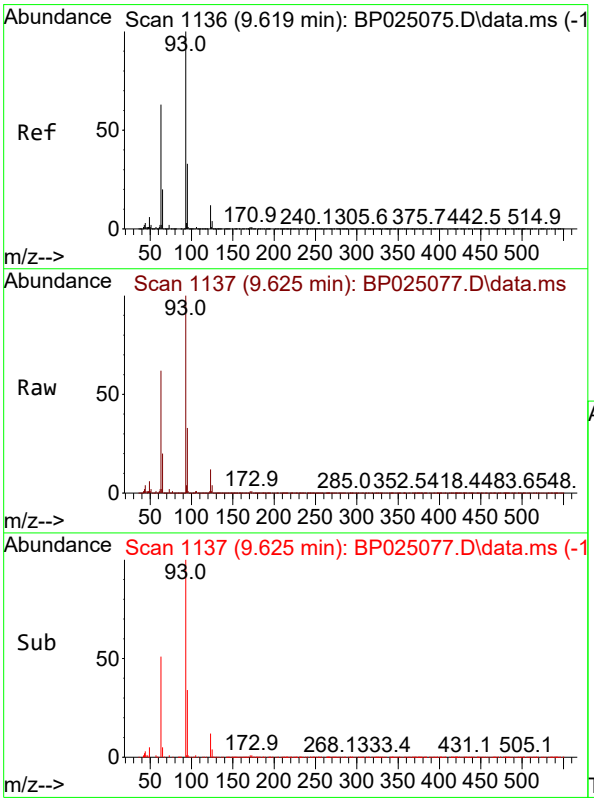
#27
2,4-Dimethylphenol
Concen: 64.024 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 1082275

Ion	Ratio	Lower	Upper
122	100		
107	112.2	88.2	132.2
121	59.0	46.1	69.1

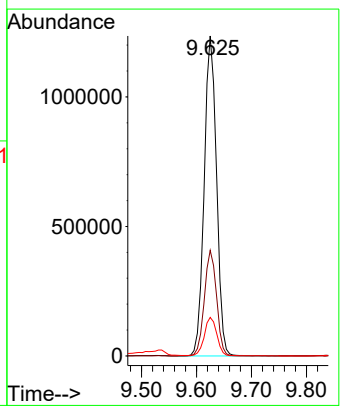


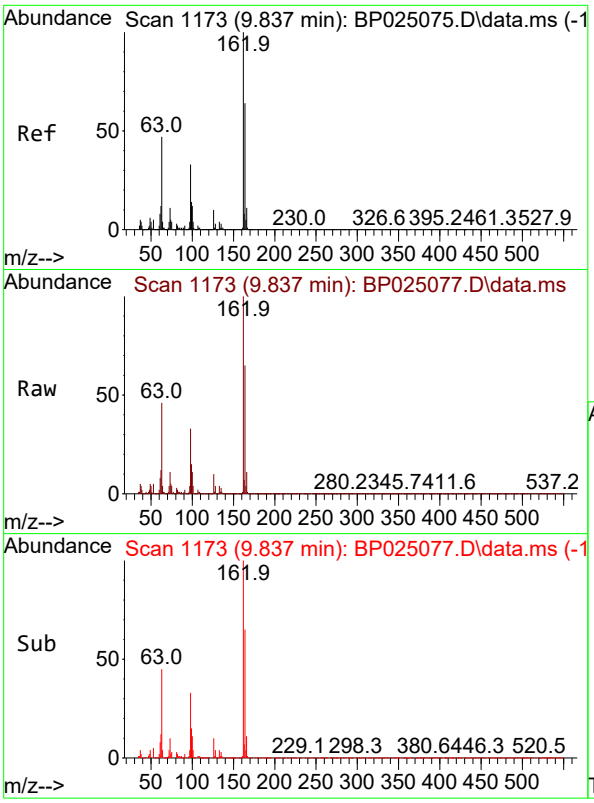


#28
bis(2-Chloroethoxy)methane
Concen: 62.478 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 93 Resp: 1922438

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.1	10.1	15.1



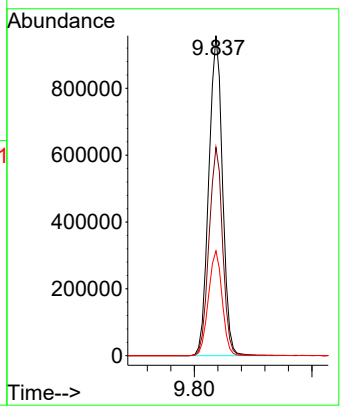


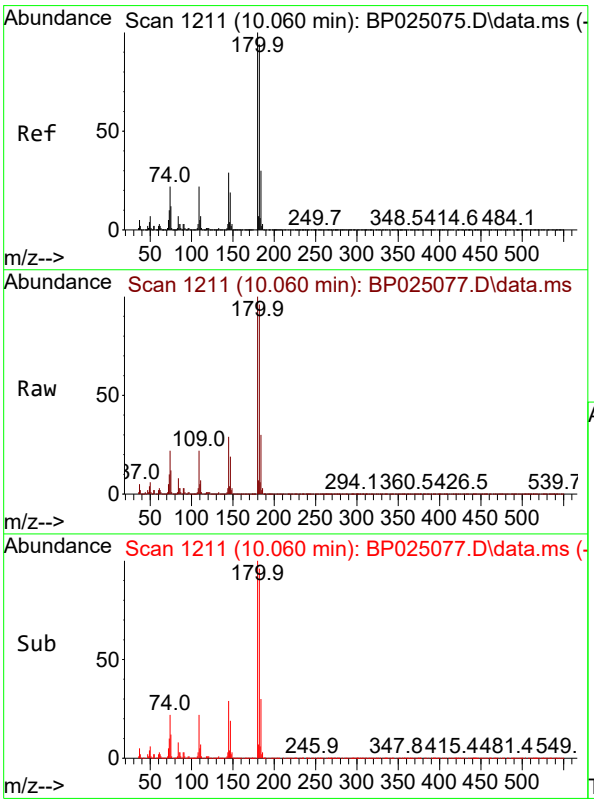
#29
2,4-Dichlorophenol
Concen: 66.313 ng
RT: 9.837 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1554368

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.1	84.1
98	32.7	13.1	53.1

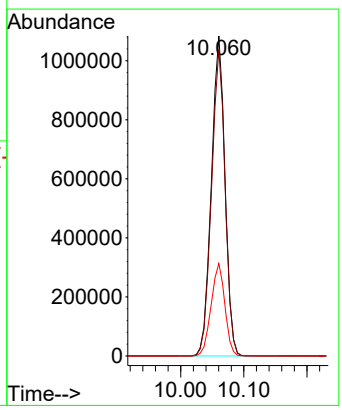


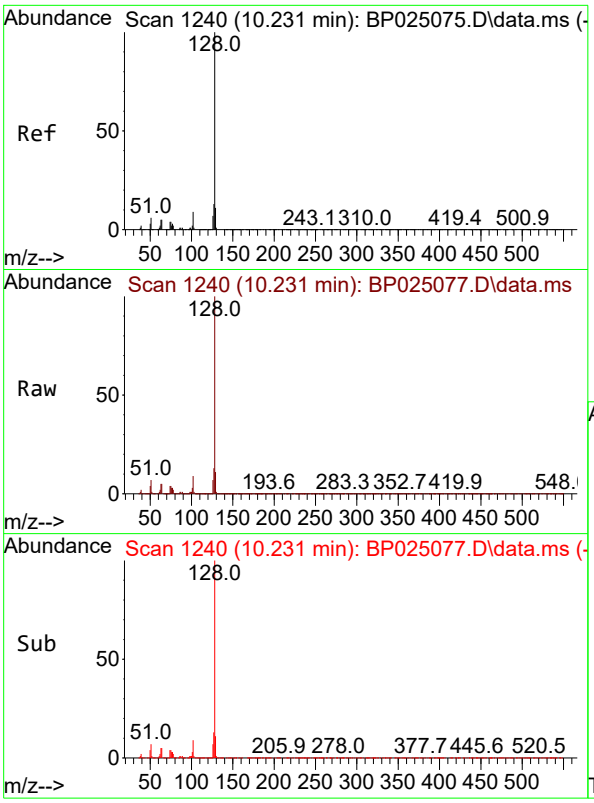


#30
1,2,4-Trichlorobenzene
Concen: 62.486 ng
RT: 10.060 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:180 Resp: 1621972

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.1	112.7
145	28.9	23.3	34.9



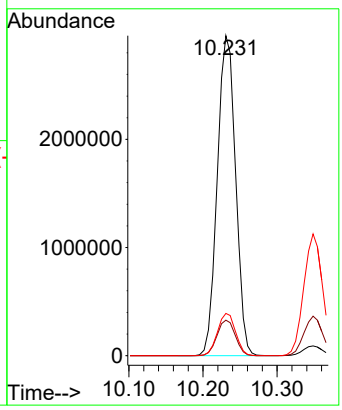


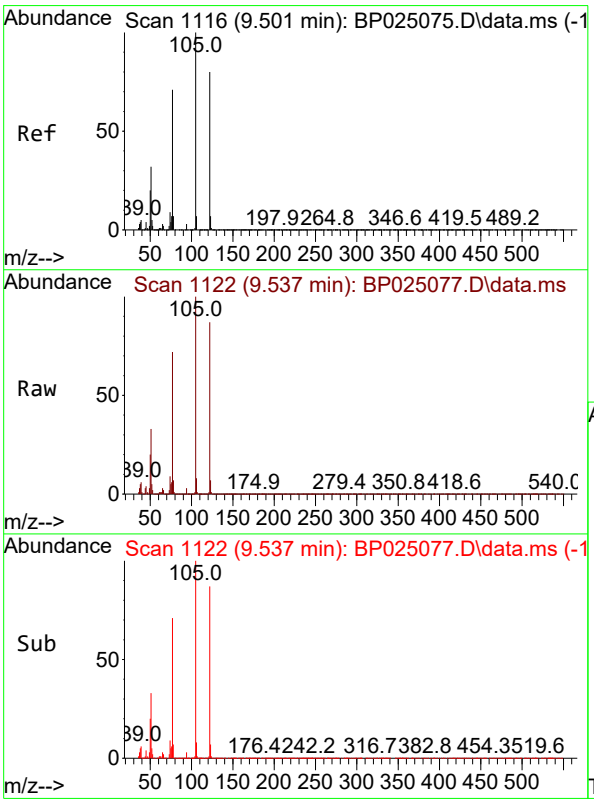
#31
Naphthalene
Concen: 61.093 ng
RT: 10.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 5073090

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.4	15.6

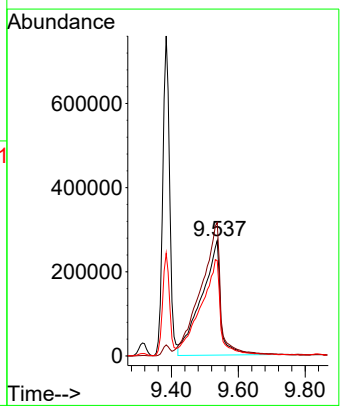


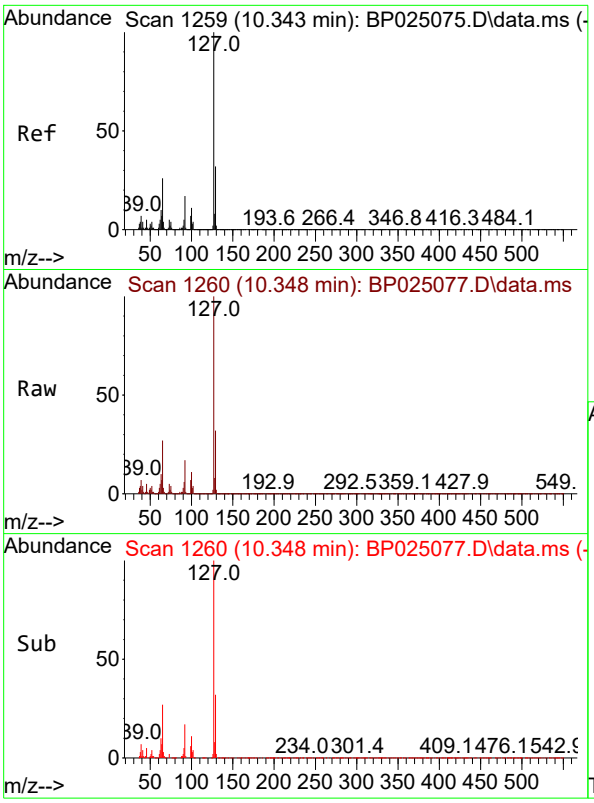


#32
Benzoic acid
Concen: 65.480 ng
RT: 9.537 min Scan# 1122
Delta R.T. 0.036 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:122 Resp: 1088519

Ion	Ratio	Lower	Upper
122	100		
105	115.5	101.0	141.0
77	82.7	67.6	107.6



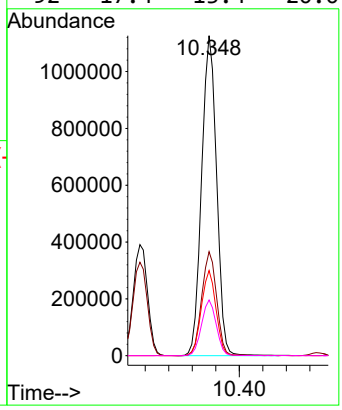


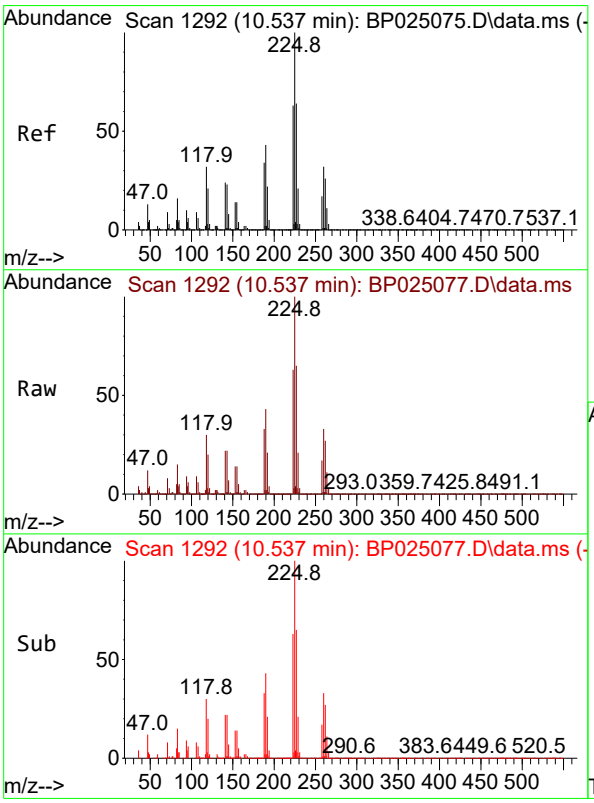
#33
4-Chloroaniline
Concen: 64.093 ng
RT: 10.348 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1986181

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	26.6	21.0	31.6
92	17.4	13.4	20.0

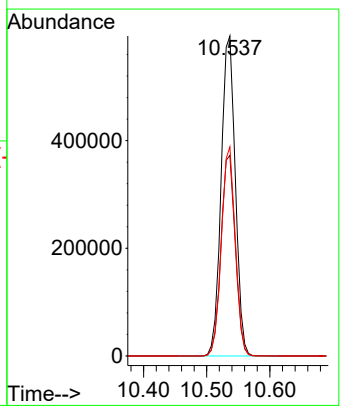


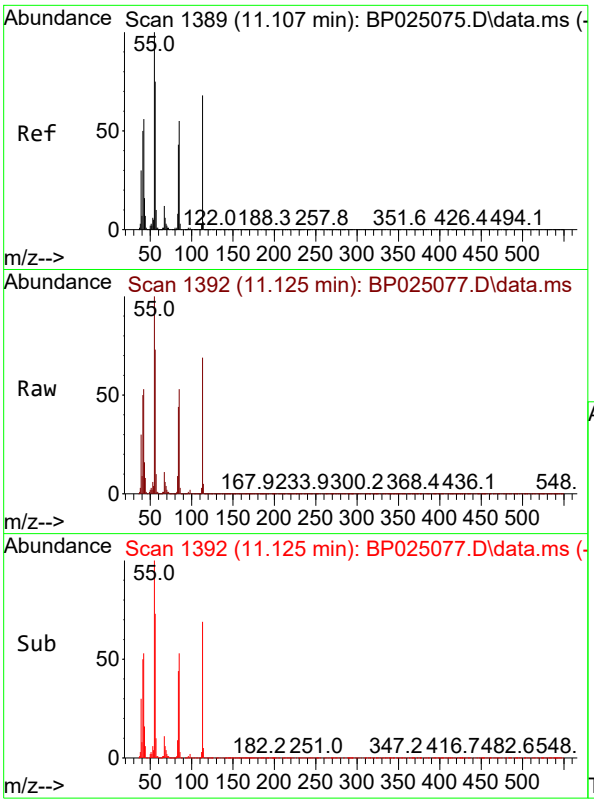


#34
Hexachlorobutadiene
Concen: 62.176 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:225 Resp: 926172

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	65.4	51.3	76.9



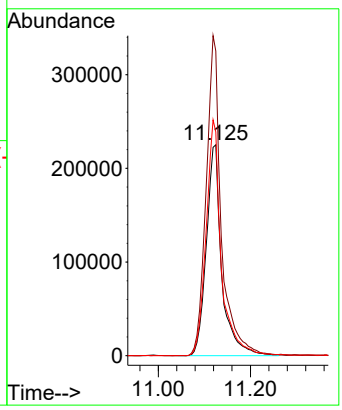


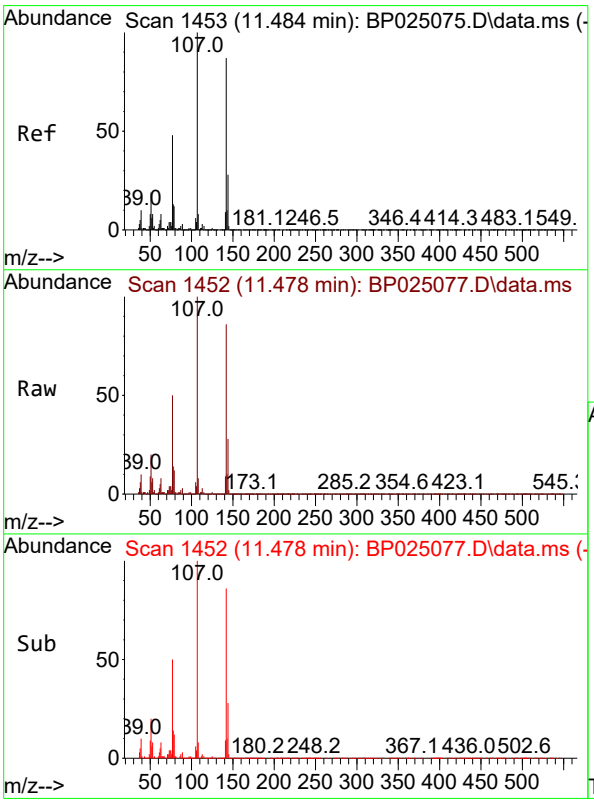
#35
Caprolactam
Concen: 65.271 ng
RT: 11.125 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 523393

Ion	Ratio	Lower	Upper
113	100		
55	144.5	128.1	168.1
56	106.1	90.7	130.7

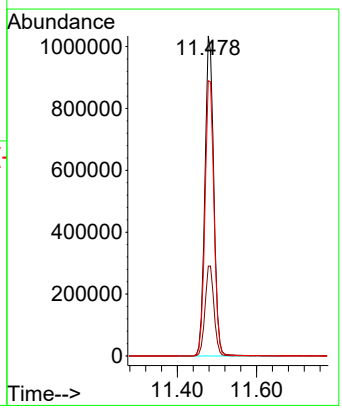


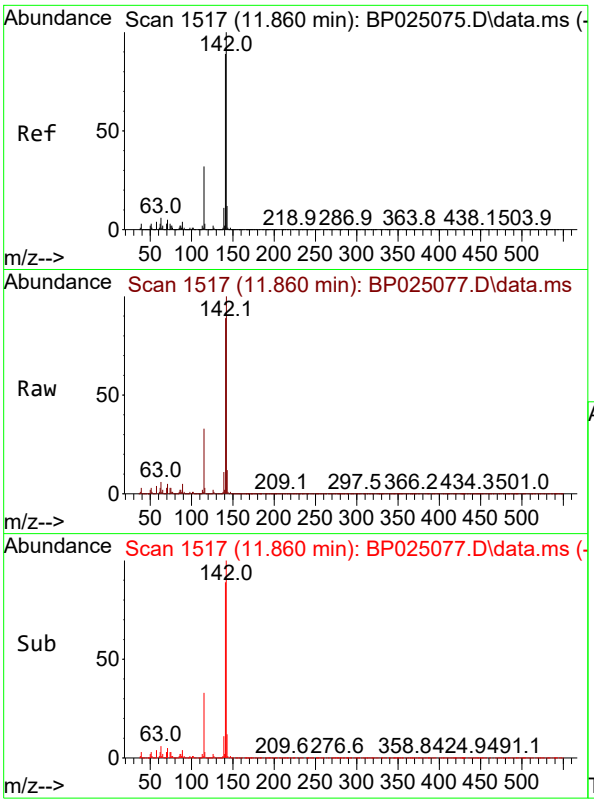


#36
4-Chloro-3-methylphenol
Concen: 65.488 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:107 Resp: 1604130

Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.4	33.6
142	86.0	69.6	104.4



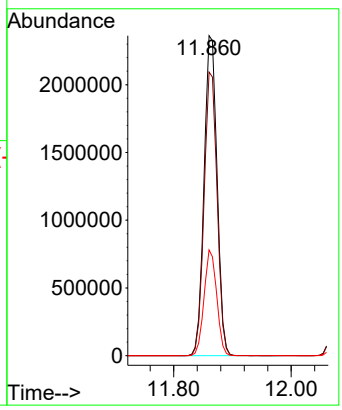


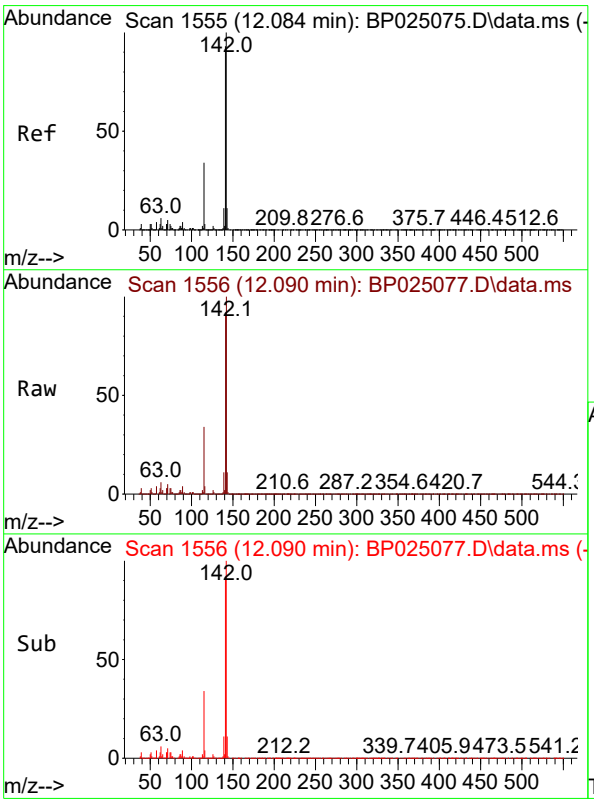
#37
2-Methylnaphthalene
Concen: 61.667 ng
RT: 11.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 3613084

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8
115	33.0	25.9	38.9

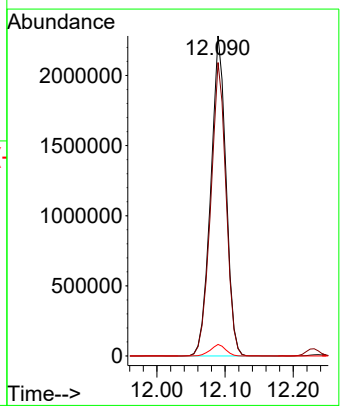


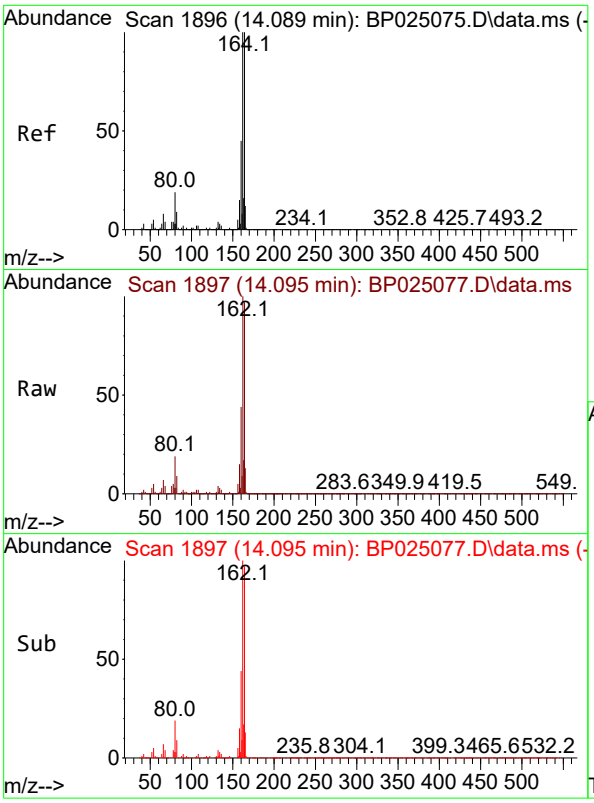


#38
1-Methylnaphthalene
Concen: 62.310 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:142 Resp: 3560508

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.1	111.1
116	3.6	2.7	4.1



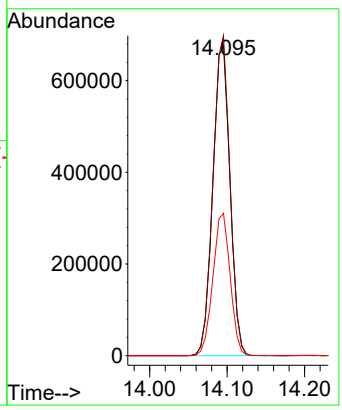


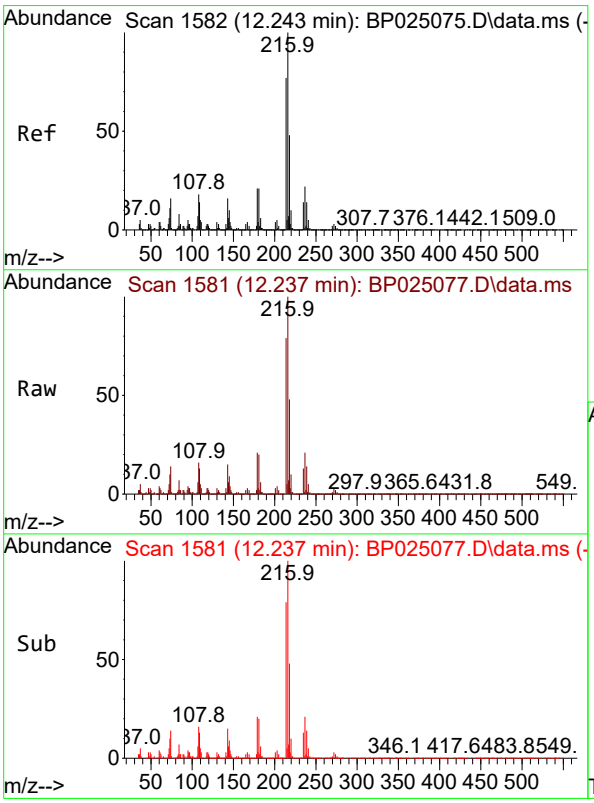
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 1045830

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.3	120.5
160	45.8	35.9	53.9

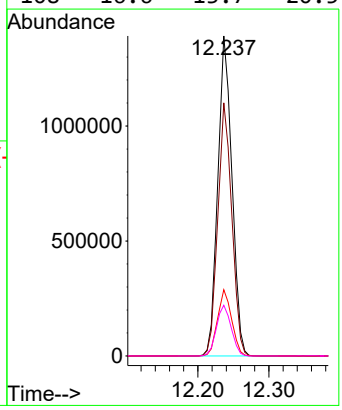


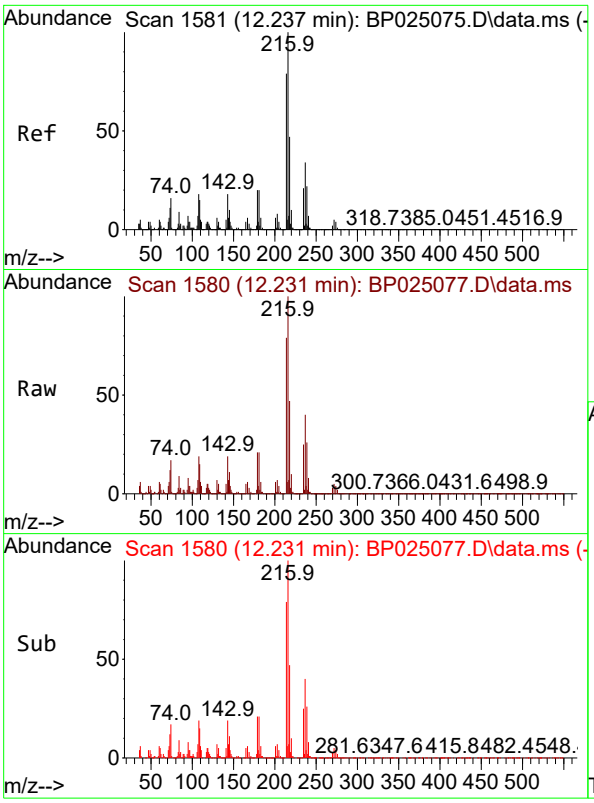


#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.709 ng
RT: 12.237 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:216 Resp: 1914890

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	20.7	16.5	24.7
108	16.6	13.7	20.5



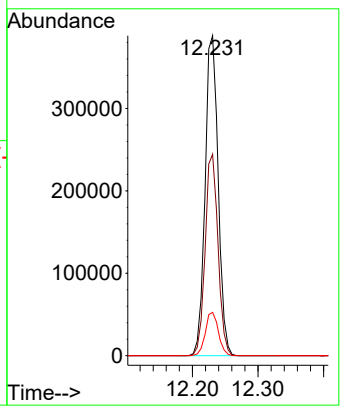


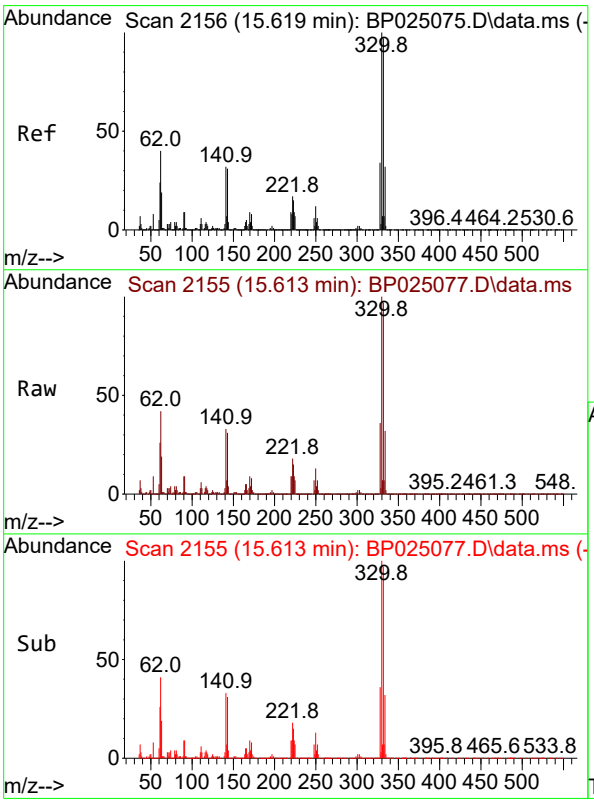
#41
Hexachlorocyclopentadiene
Concen: 68.439 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 537315

Ion	Ratio	Lower	Upper
237	100		
235	63.0	41.6	81.6
272	13.6	0.0	33.6

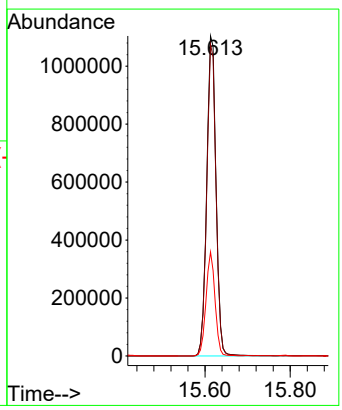


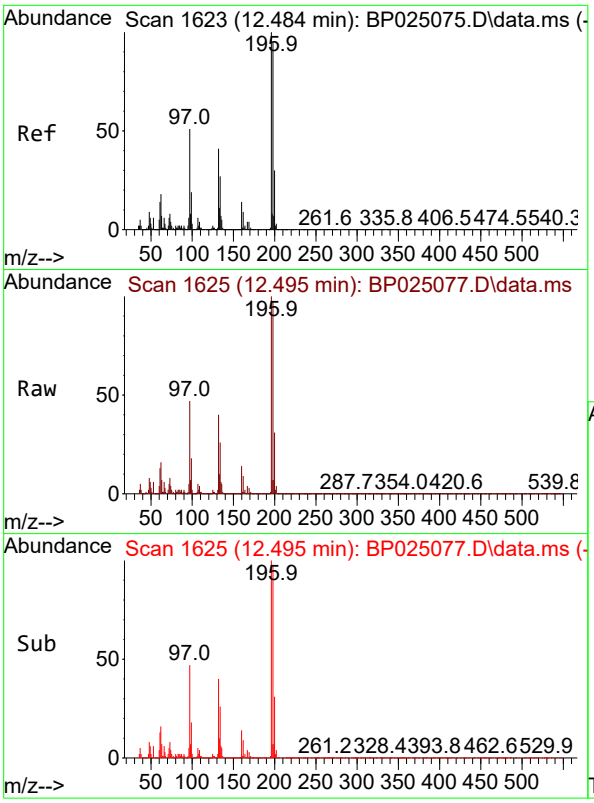


#42
2,4,6-Tribromophenol
Concen: 135.264 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:330 Resp: 1671151

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	31.6	26.0	39.0



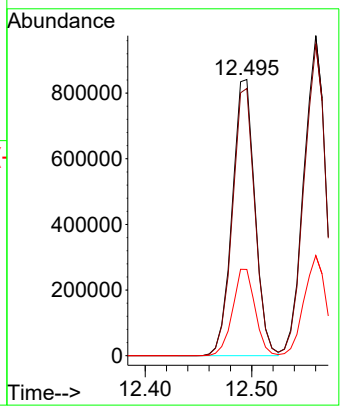


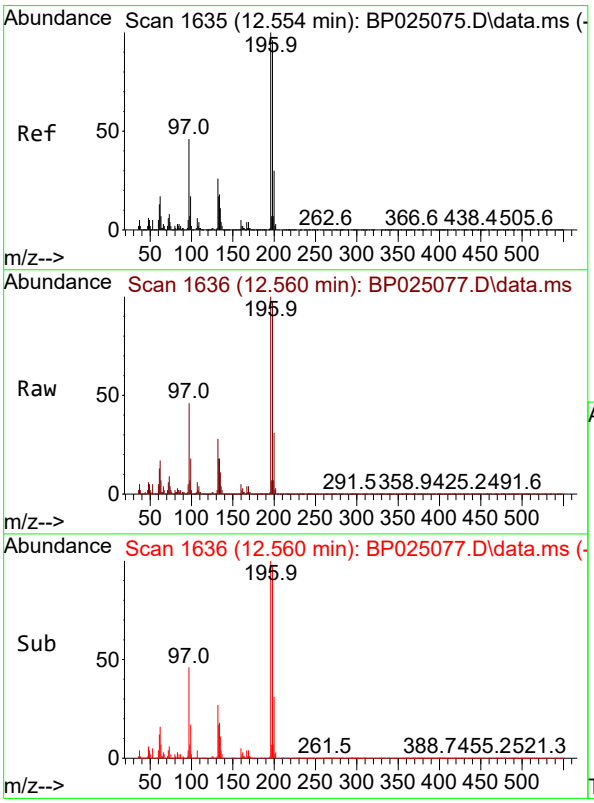
#43
2,4,6-Trichlorophenol
Concen: 68.701 ng
RT: 12.495 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 1250359

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.2	114.2
200	31.2	24.3	36.5

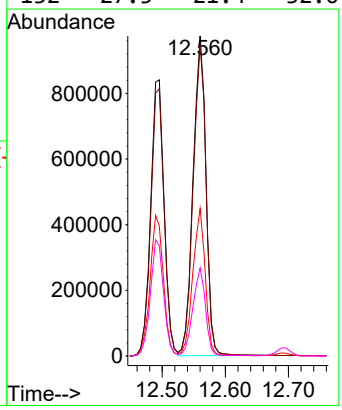


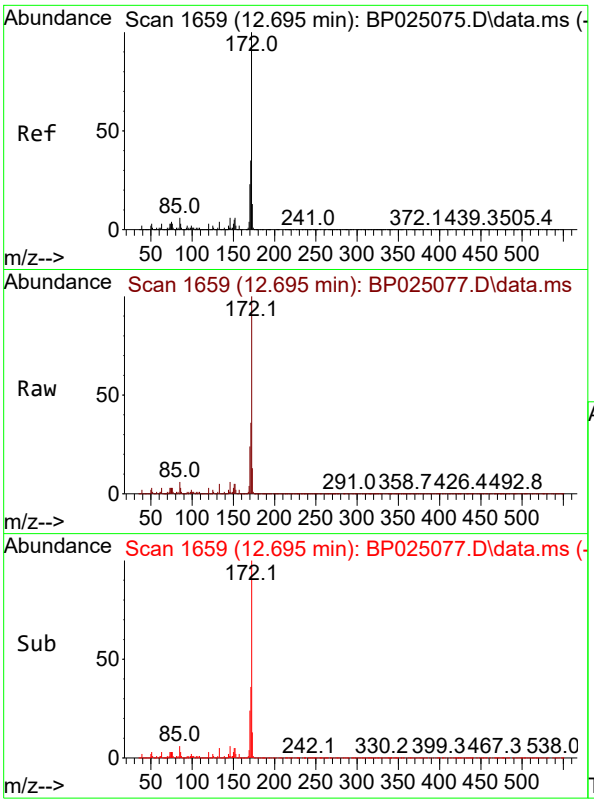


#44
2,4,5-Trichlorophenol
Concen: 67.090 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:196 Resp: 1383790

Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.6	115.0
97	46.1	36.6	55.0
132	27.5	21.4	32.0



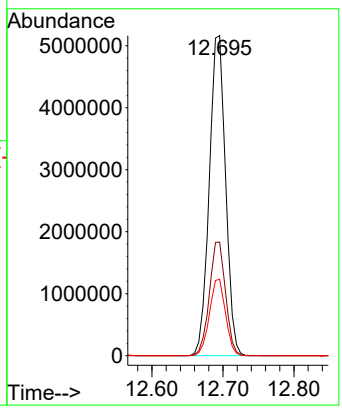


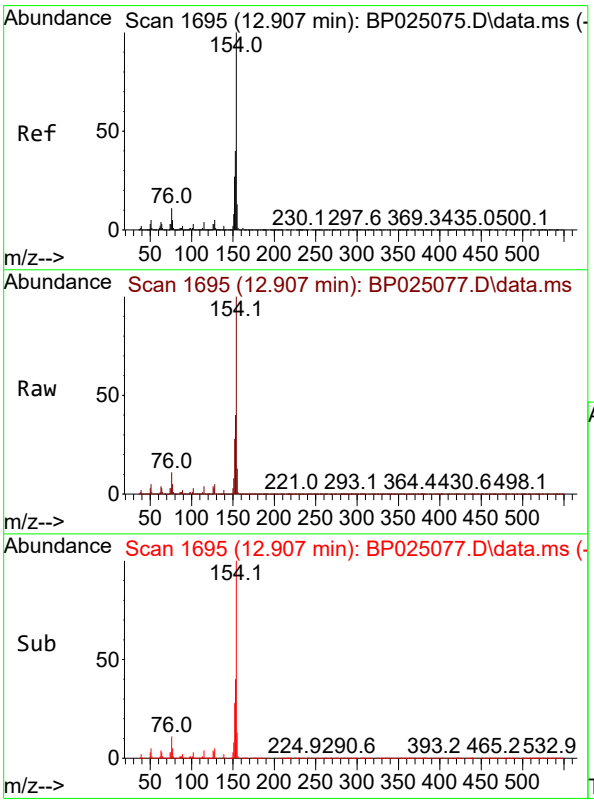
#45
2-Fluorobiphenyl
Concen: 121.896 ng
RT: 12.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 8229134

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.9	18.7	28.1

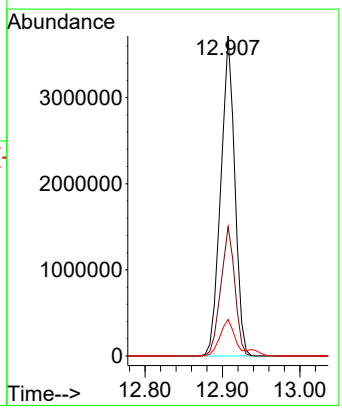


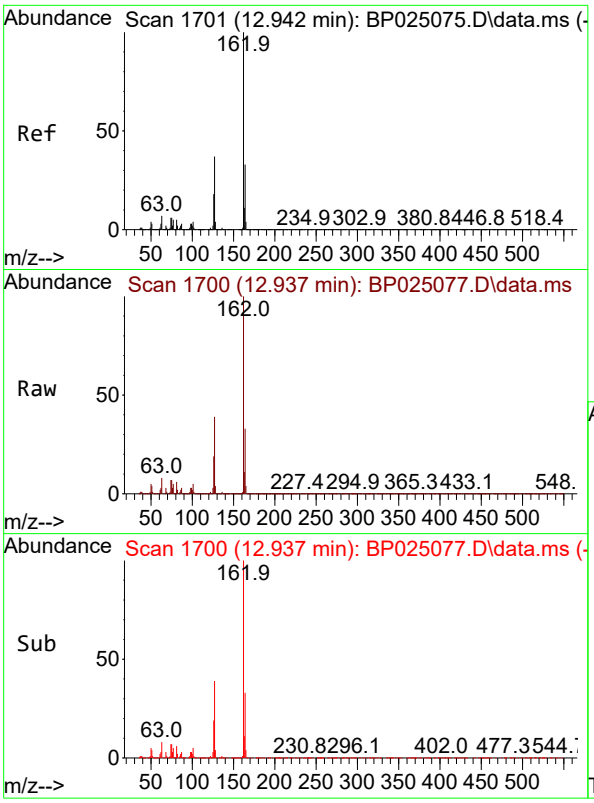


#46
1,1'-Biphenyl
Concen: 61.447 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:154 Resp: 4675752

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	11.4	0.0	31.5



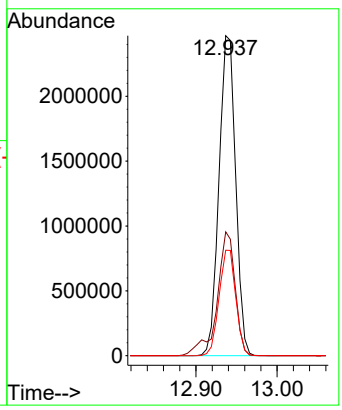


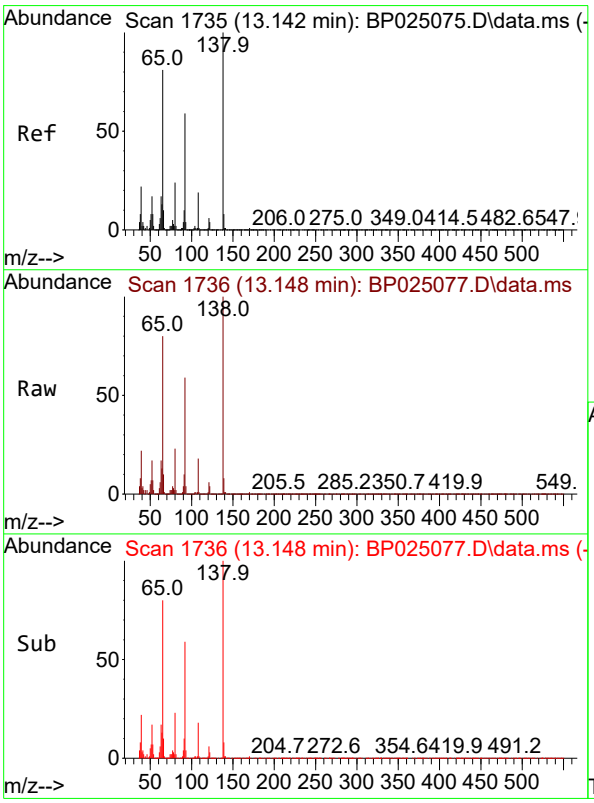
#47
2-Chloronaphthalene
Concen: 61.497 ng
RT: 12.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 3517185

Ion	Ratio	Lower	Upper
162	100		
127	38.7	29.4	44.2
164	32.9	26.4	39.6

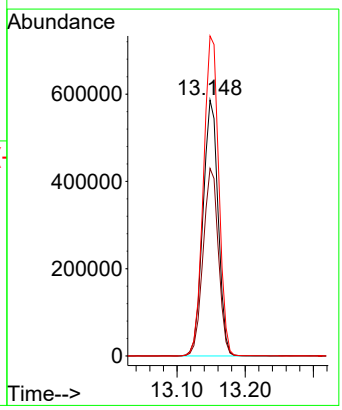


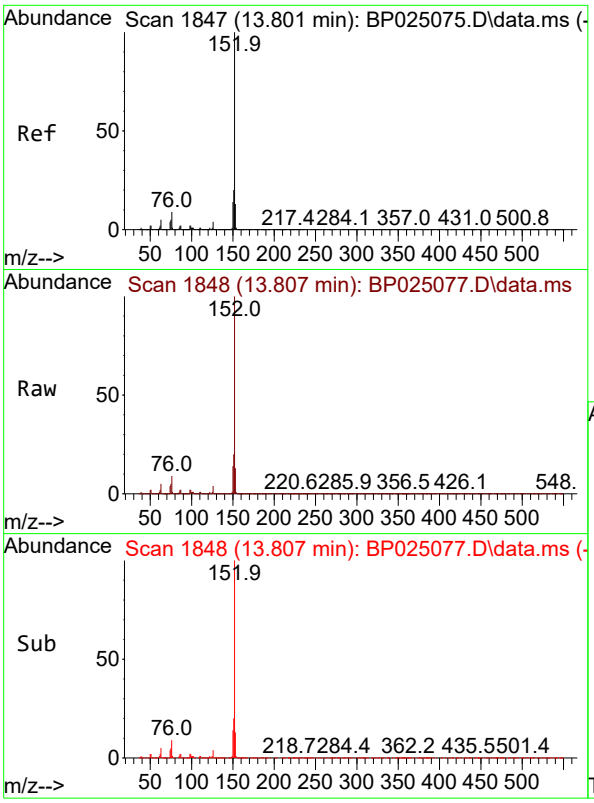


#48
2-Nitroaniline
Concen: 63.792 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion: 65 Resp: 907242

Ion	Ratio	Lower	Upper
65	100		
92	73.3	58.7	88.1
138	125.1	99.0	148.4



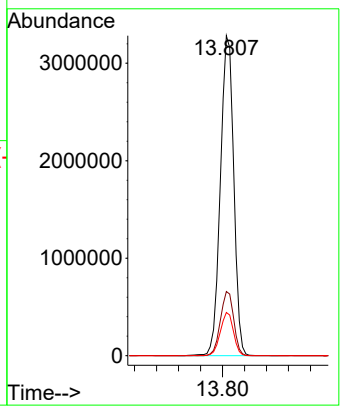


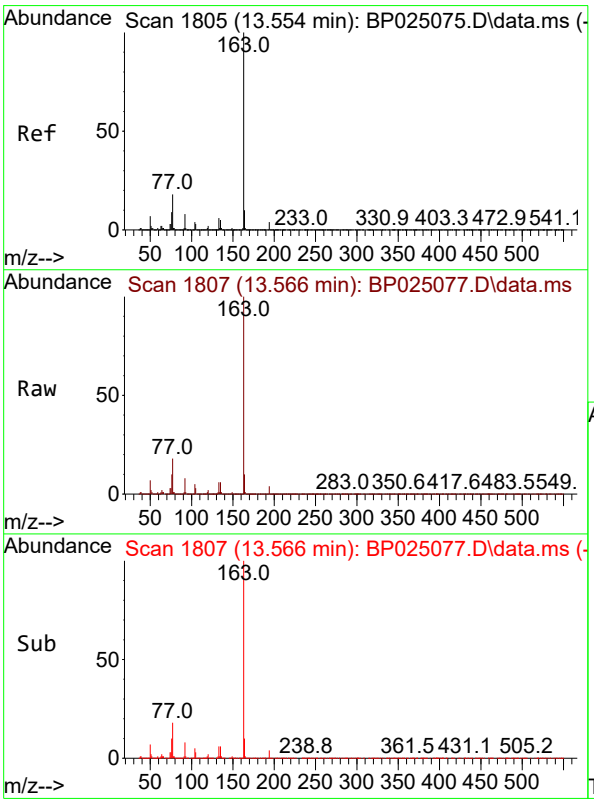
#49
Acenaphthylene
Concen: 63.134 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 5526428

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.5	10.7	16.1

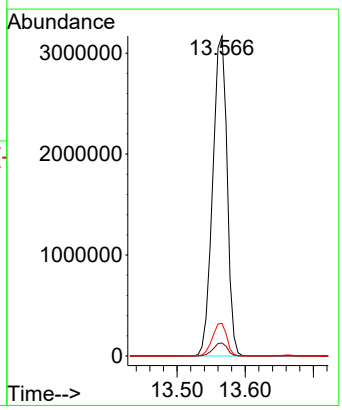


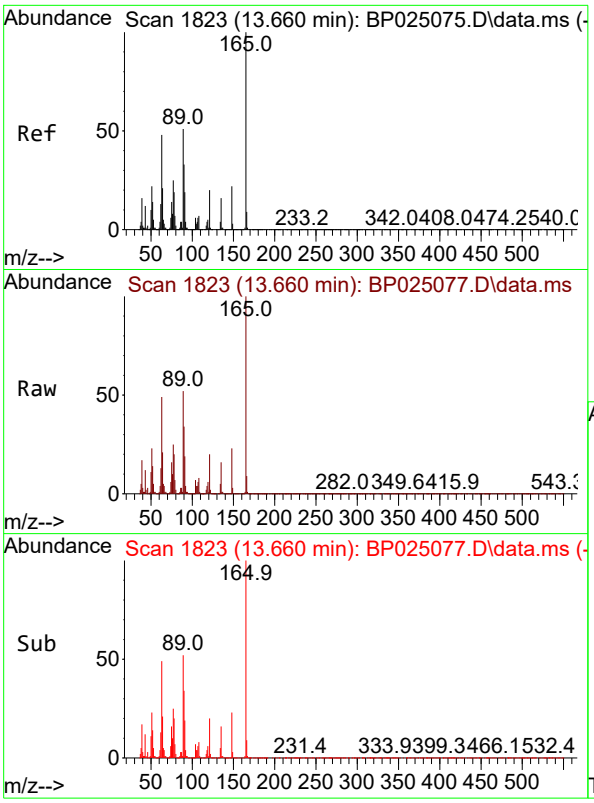


#50
Dimethylphthalate
Concen: 63.498 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:163 Resp: 4648592

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.0	12.0



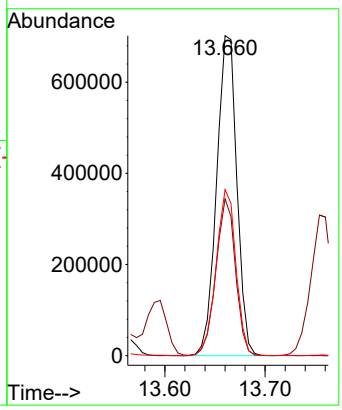


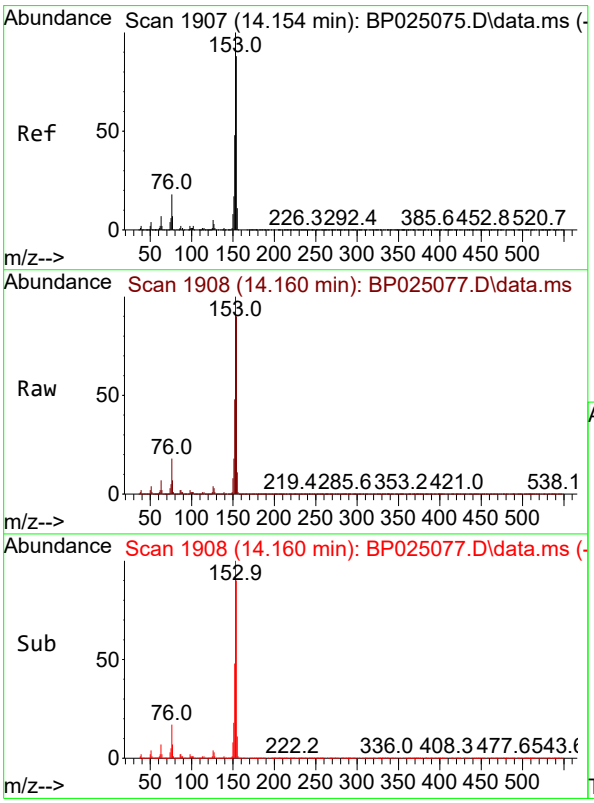
#51
2,6-Dinitrotoluene
Concen: 68.780 ng
RT: 13.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 982034

Ion	Ratio	Lower	Upper
165	100		
63	49.0	38.5	57.7
89	51.9	40.6	61.0

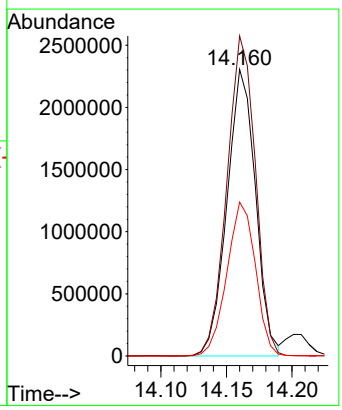


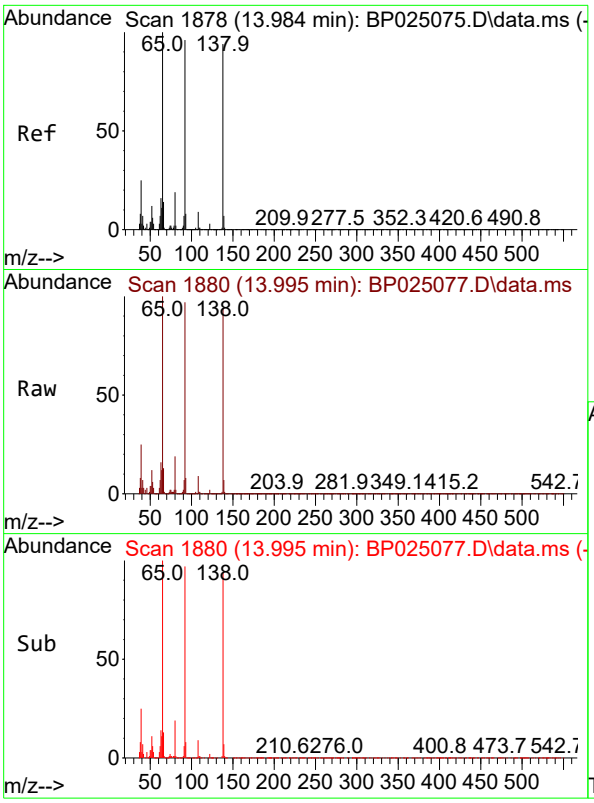


#52
Acenaphthene
Concen: 61.801 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:154 Resp: 3486609

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.6	136.0
152	53.7	43.8	65.8



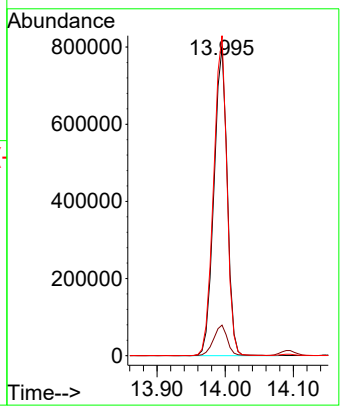


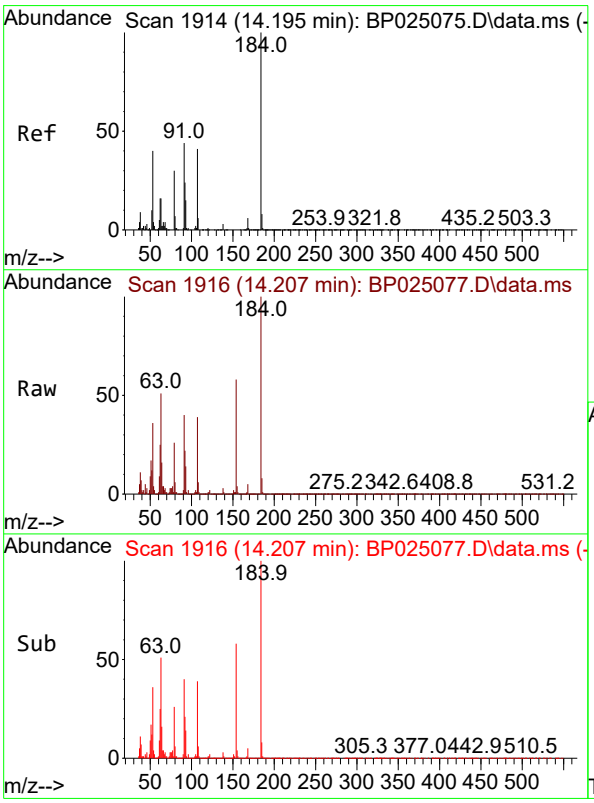
#53
3-Nitroaniline
Concen: 70.651 ng
RT: 13.995 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 1081057

Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.8
92	103.9	81.0	121.4

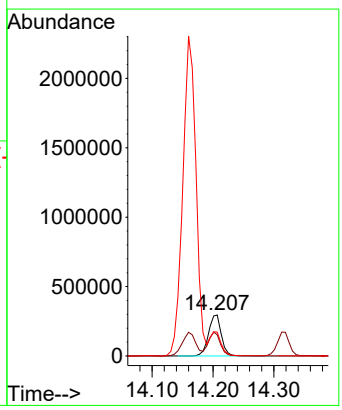


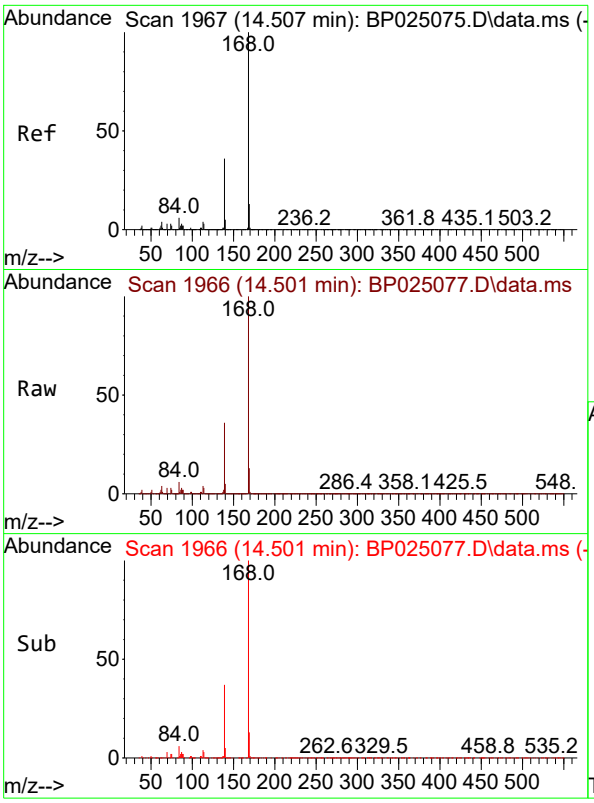


#54
2,4-Dinitrophenol
Concen: 62.873 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:184 Resp: 430100

Ion	Ratio	Lower	Upper
184	100		
63	51.5	47.4	71.0
154	58.2	47.8	71.8



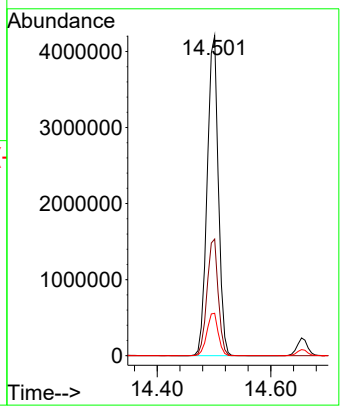


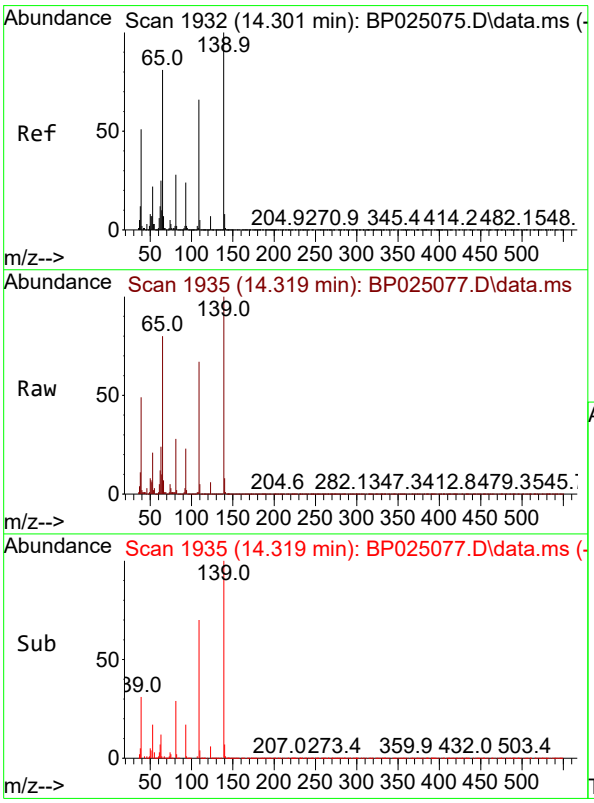
#55
Dibenzofuran
Concen: 61.105 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 5689473

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.3	10.7	16.1

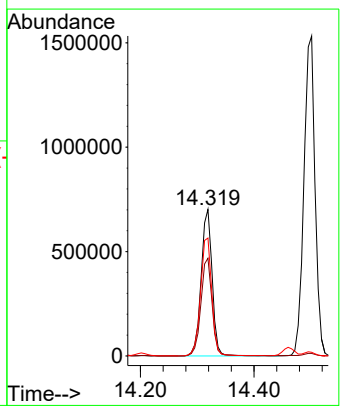


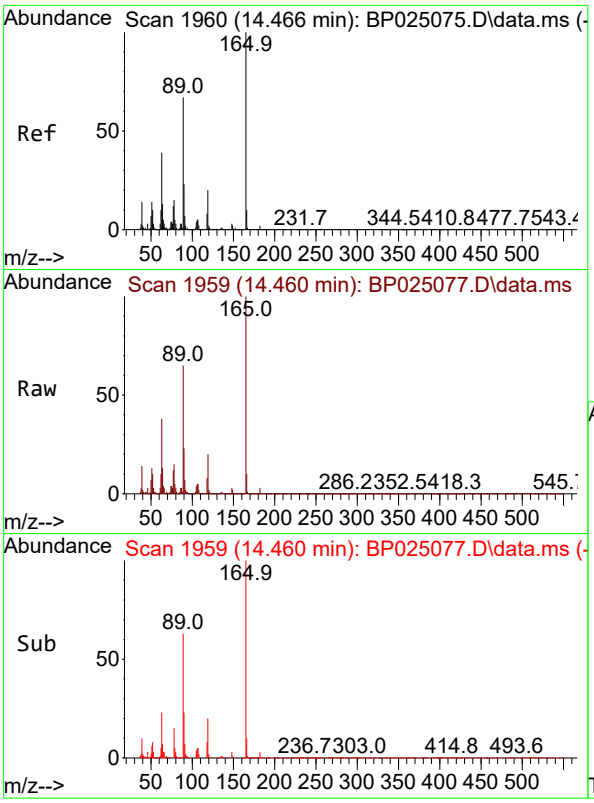


#56
4-Nitrophenol
Concen: 66.867 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:139 Resp: 944200

Ion	Ratio	Lower	Upper
139	100		
109	66.7	45.9	85.9
65	80.4	61.4	101.4



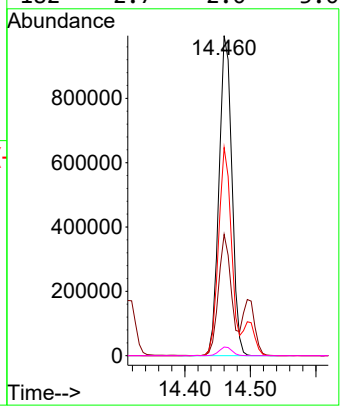


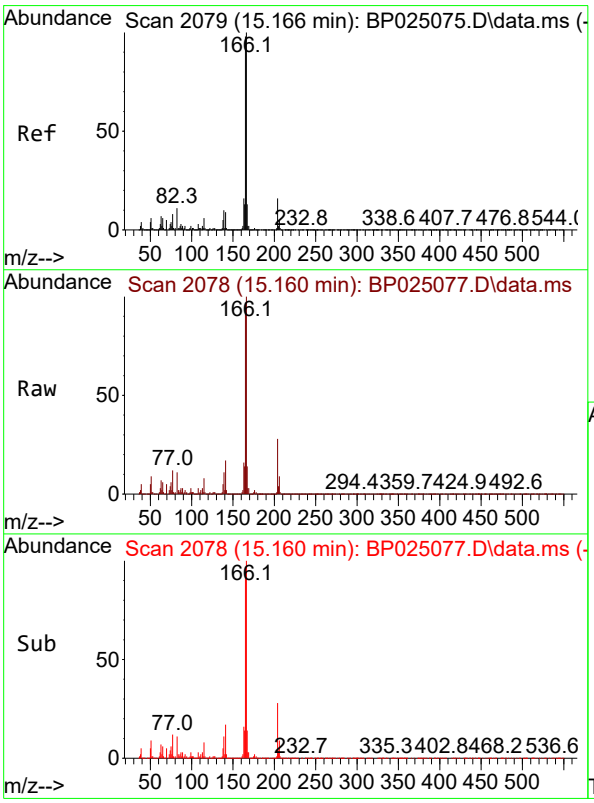
#57
2,4-Dinitrotoluene
Concen: 63.463 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1348673

Ion	Ratio	Lower	Upper
165	100		
63	37.9	31.0	46.4
89	65.1	53.4	80.0
182	2.7	2.0	3.0

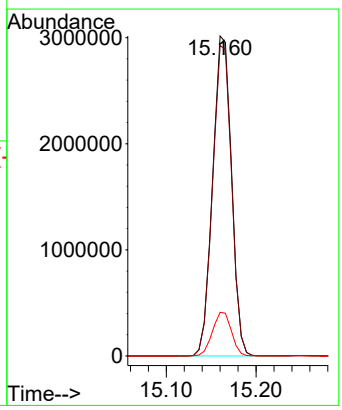


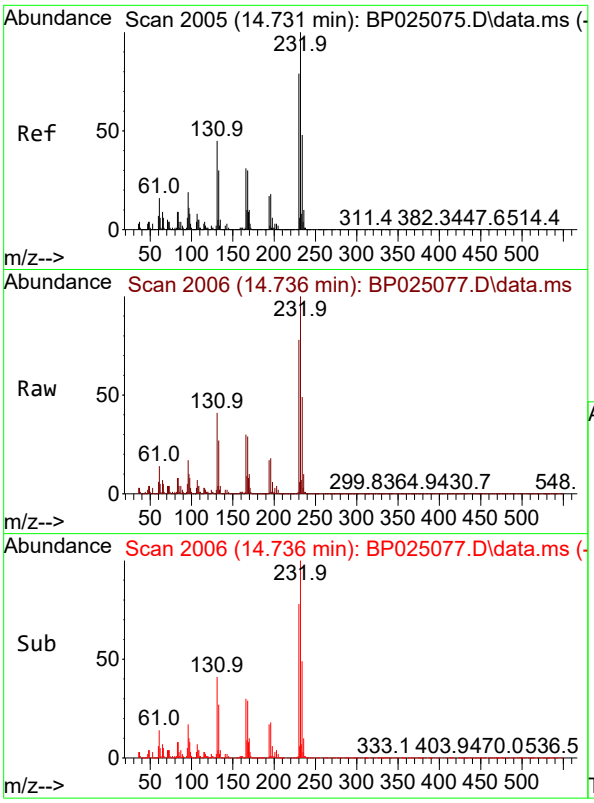


#58
Fluorene
Concen: 61.134 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:166 Resp: 4402726

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	13.6	10.7	16.1



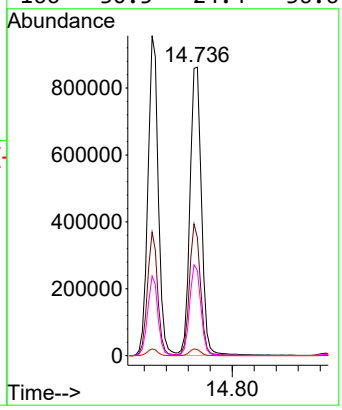


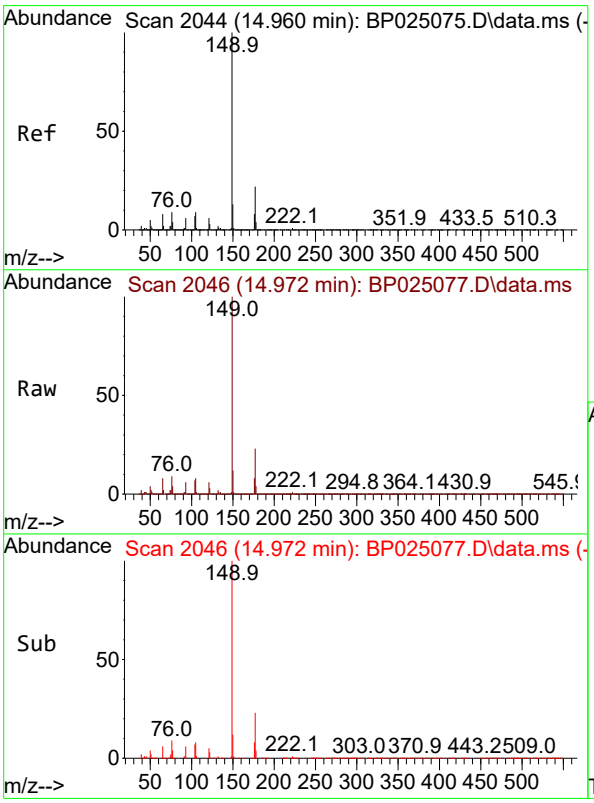
#59
2,3,4,6-Tetrachlorophenol
Concen: 66.732 ng
RT: 14.736 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 1246432

Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.7	53.5
130	2.3	1.8	2.6
166	30.5	24.4	36.6

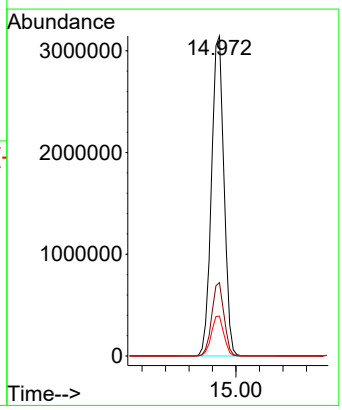


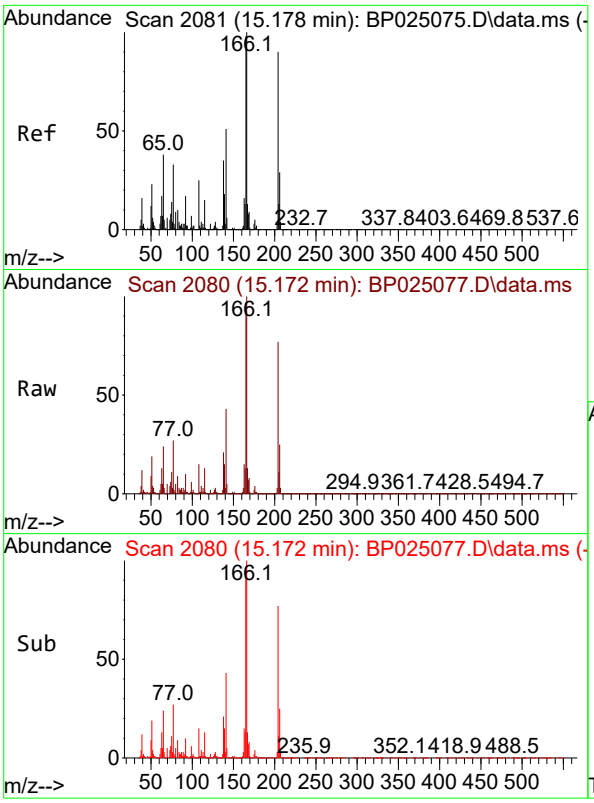


#60
Diethylphthalate
Concen: 63.033 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 4634770

Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.8	26.8
150	12.4	10.2	15.2



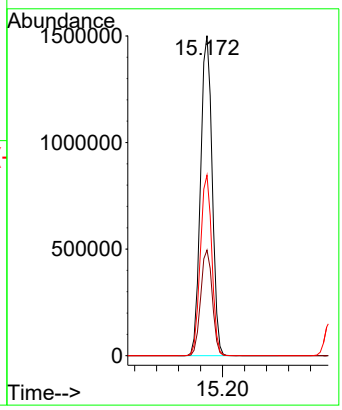


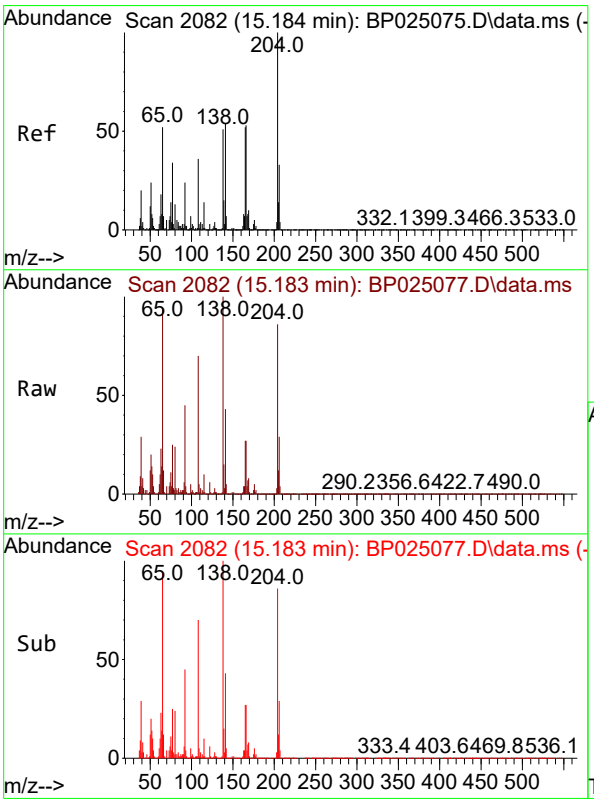
#61
4-Chlorophenyl-phenylether
Concen: 61.583 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 2194839

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.6
141	56.4	45.1	67.7

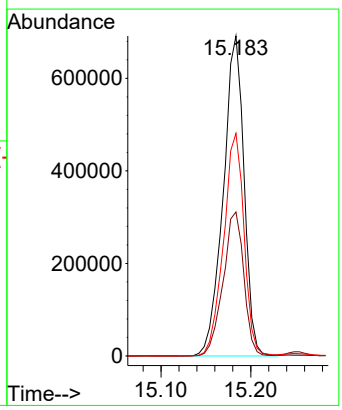


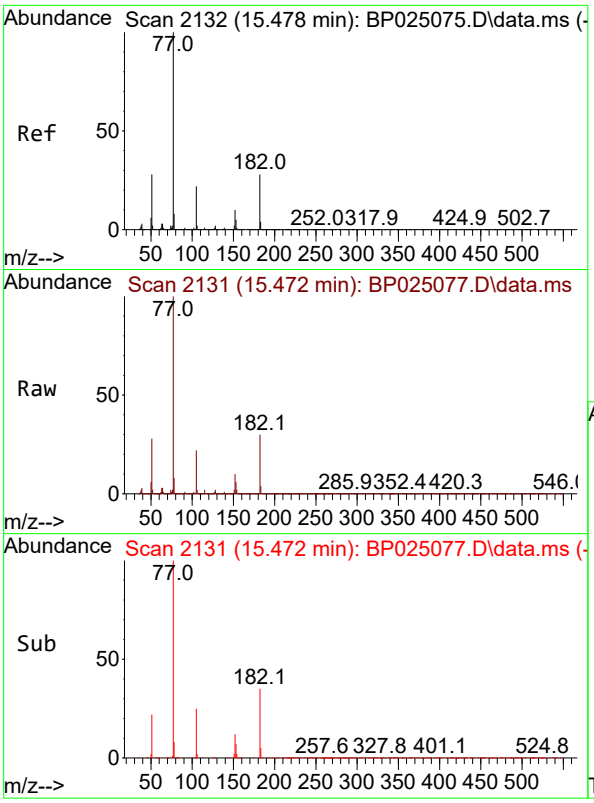


#62
4-Nitroaniline
Concen: 69.287 ng
RT: 15.183 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:138 Resp: 1111684

Ion	Ratio	Lower	Upper
138	100		
92	45.0	26.0	66.0
108	69.6	50.0	90.0



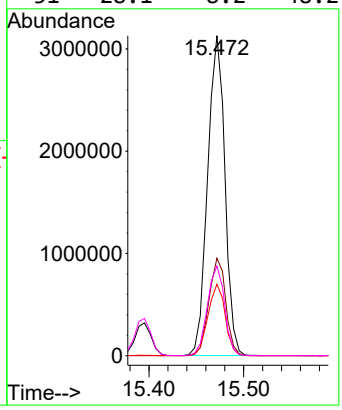


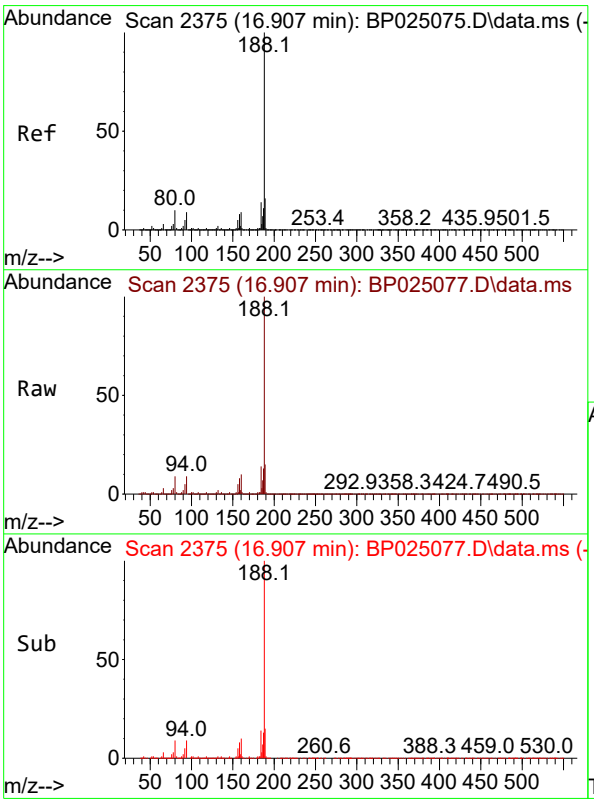
#63
Azobenzene
Concen: 60.626 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 3969523

Ion	Ratio	Lower	Upper
77	100		
182	30.5	7.7	47.7
105	22.3	1.9	41.9
51	28.1	8.2	48.2

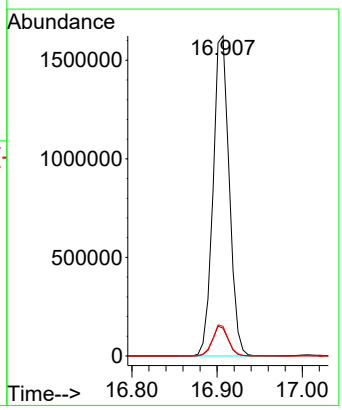


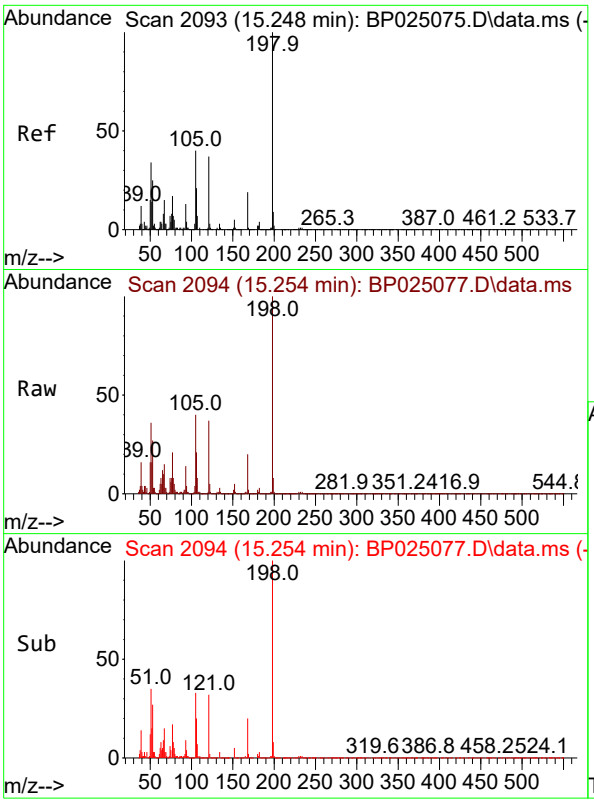


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:188 Resp: 2142509

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.3	7.8	11.6



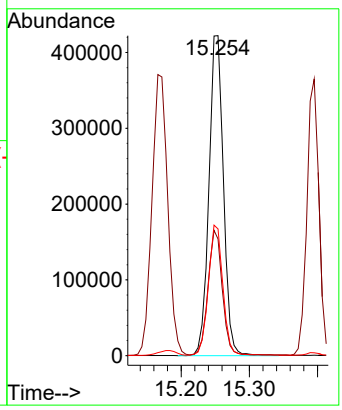


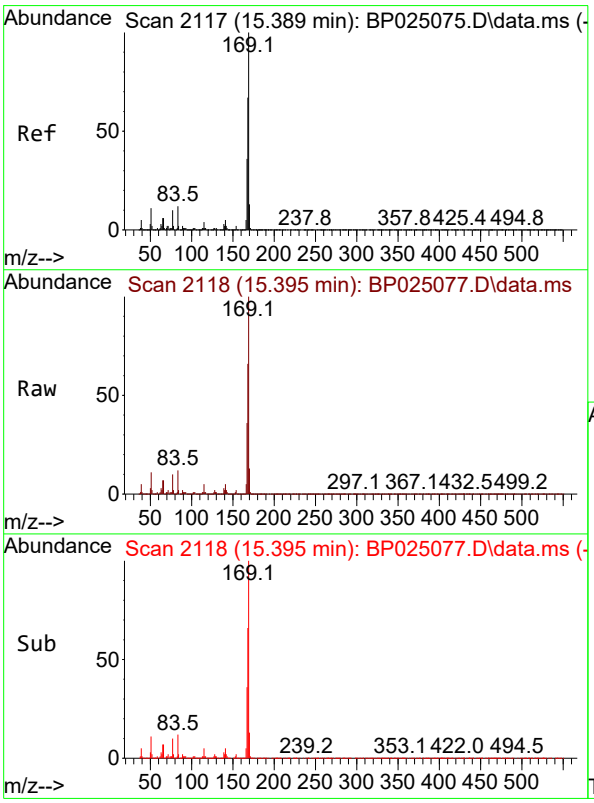
#65
4,6-Dinitro-2-methylphenol
Concen: 62.277 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 625497

Ion	Ratio	Lower	Upper
198	100		
51	36.5	16.8	56.8
105	39.6	20.8	60.8

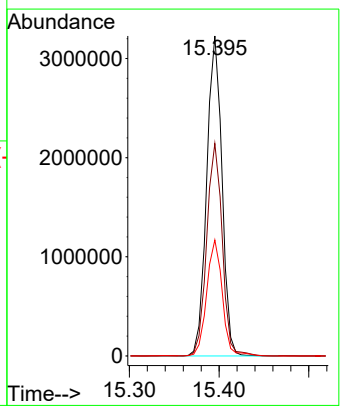


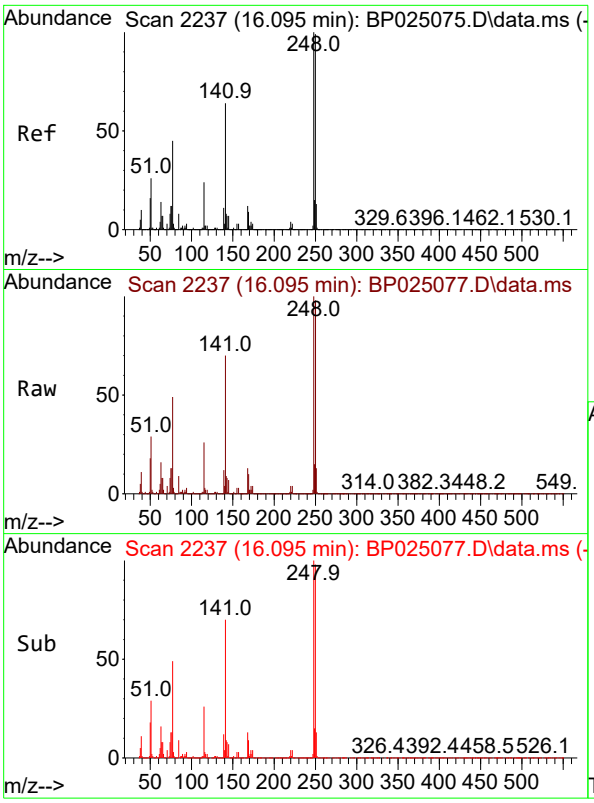


#66
n-Nitrosodiphenylamine
Concen: 62.033 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:169 Resp: 3803576

Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.1	81.1
167	36.3	29.0	43.6



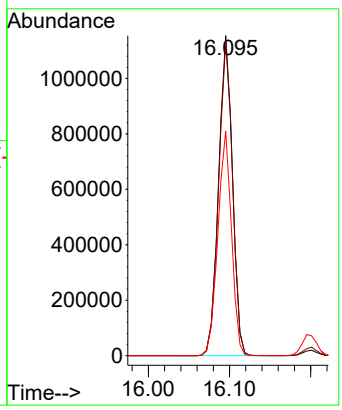


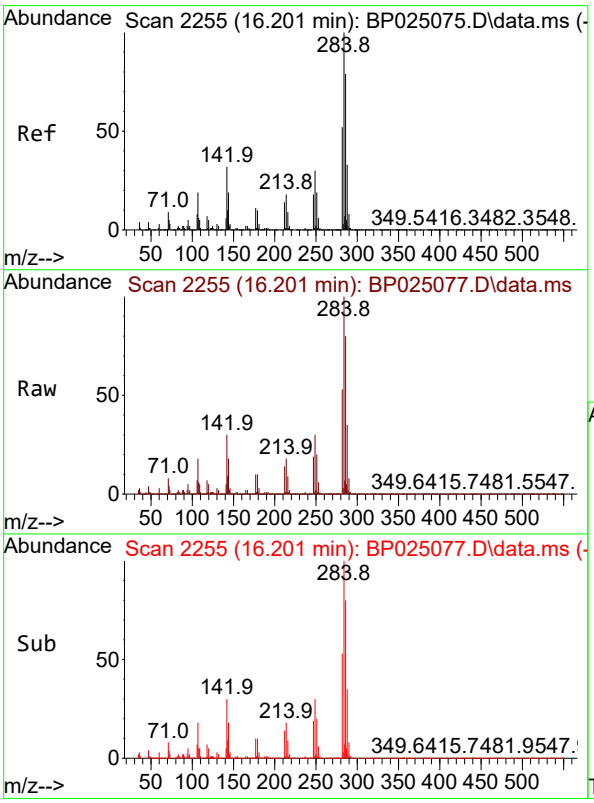
#67
4-Bromophenyl-phenylether
Concen: 62.680 ng
RT: 16.095 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 1375012

Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.4	119.2
141	70.2	51.4	77.0

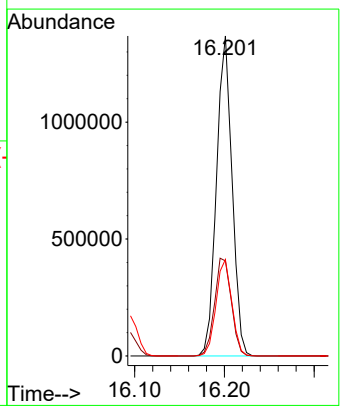


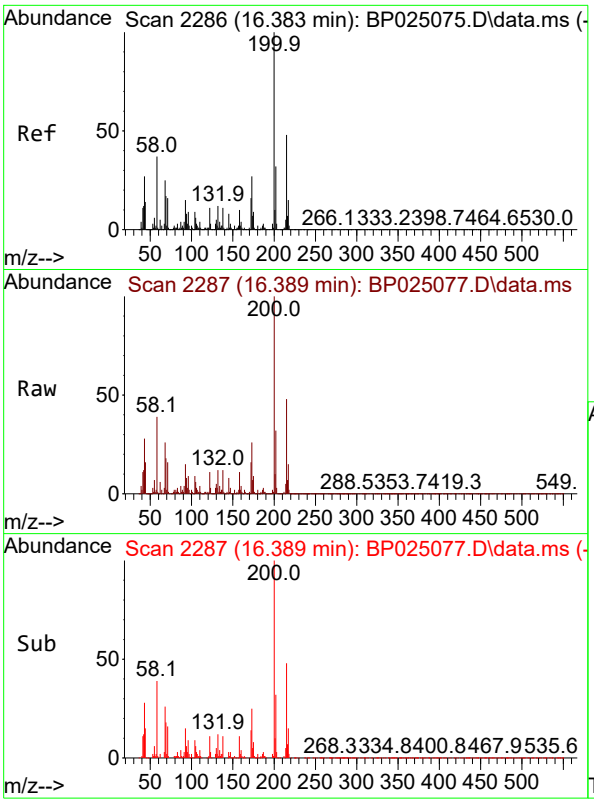


#68
Hexachlorobenzene
Concen: 61.529 ng
RT: 16.201 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:284 Resp: 1649772

Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.9	38.9
249	30.2	23.8	35.8



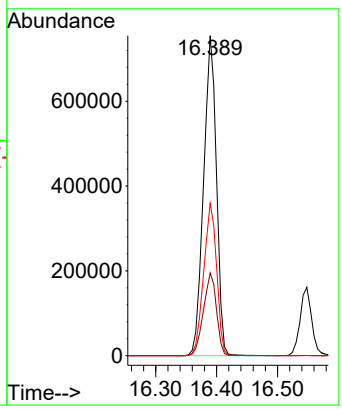


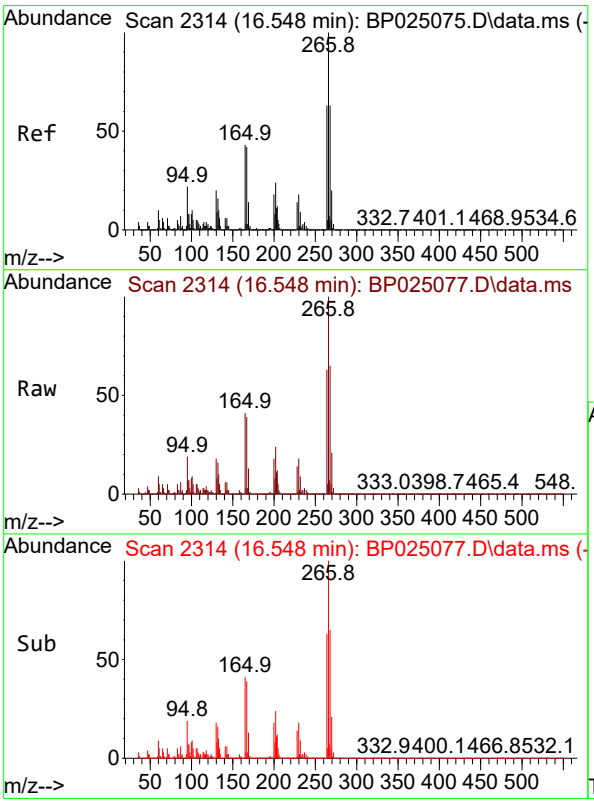
#69
Atrazine
Concen: 61.661 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 1107895

Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	47.6	28.0	68.0

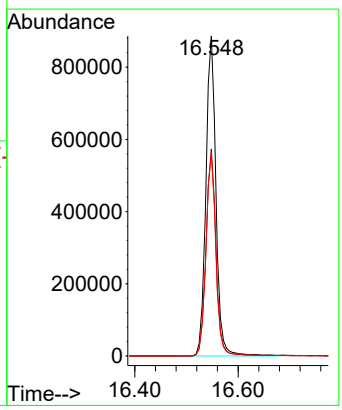


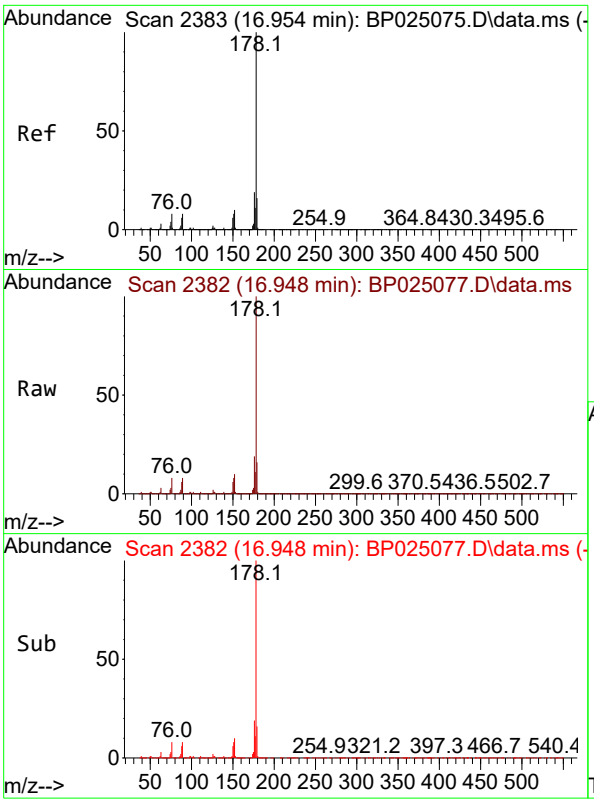


#70
Pentachlorophenol
Concen: 66.135 ng
RT: 16.548 min Scan# 2314
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:266 Resp: 1197597

Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.4	75.6
264	63.2	50.2	75.2



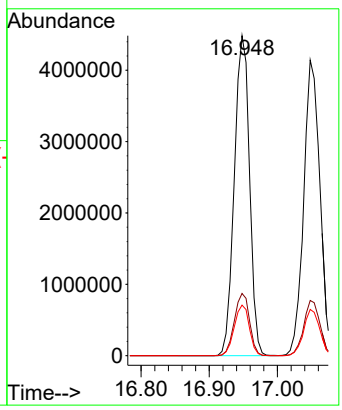


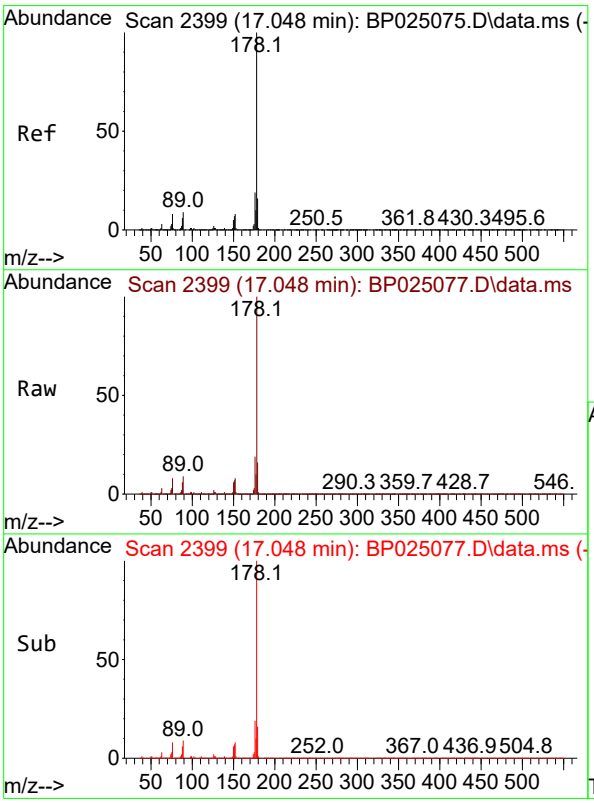
#71
Phenanthrene
Concen: 60.733 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 6952893

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.6	19.0

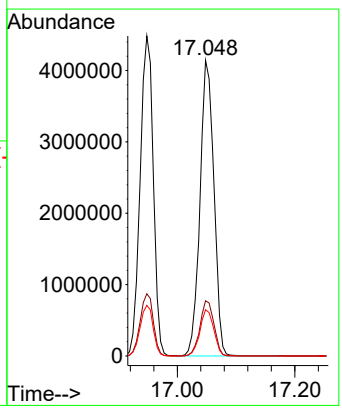


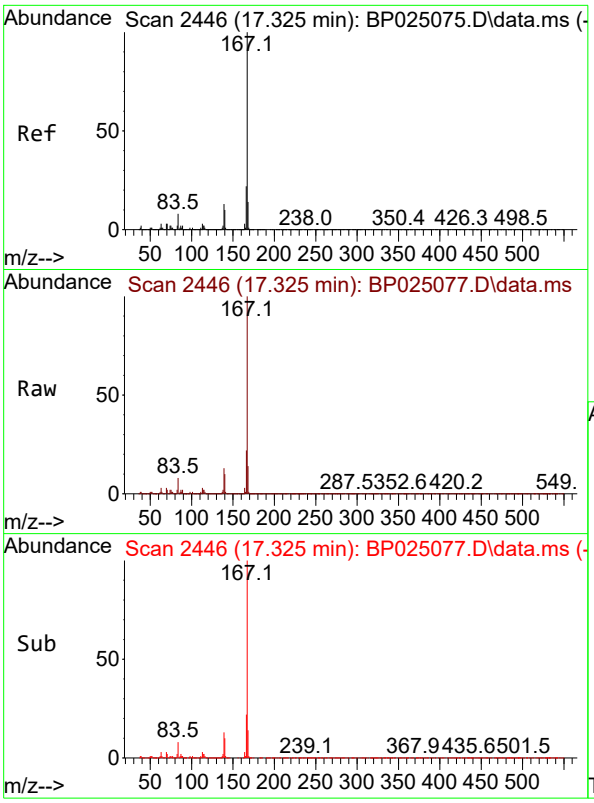


#72
Anthracene
Concen: 62.154 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:178 Resp: 6826544

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.6	12.5	18.7



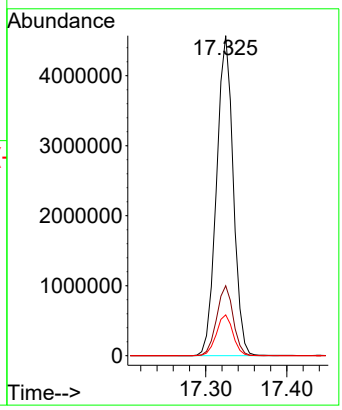


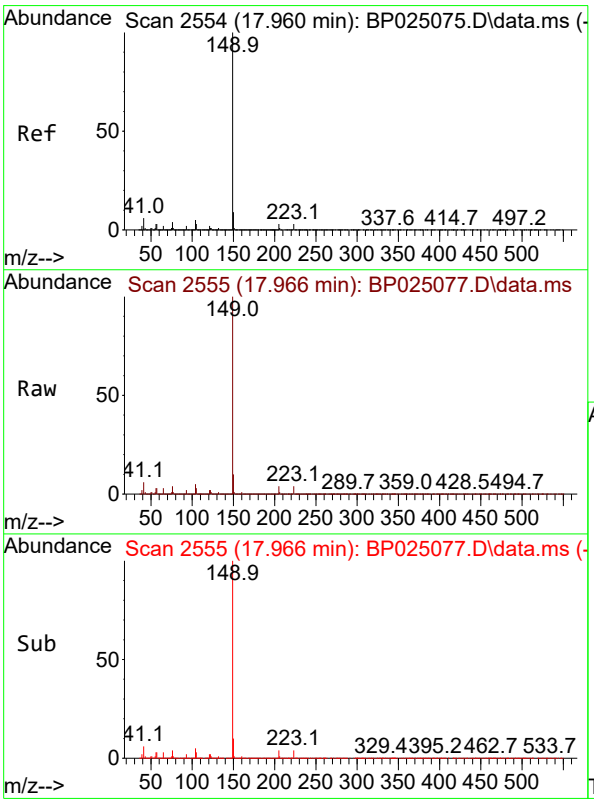
#73
Carbazole
Concen: 60.850 ng
RT: 17.325 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 6534571

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	12.8	10.4	15.6

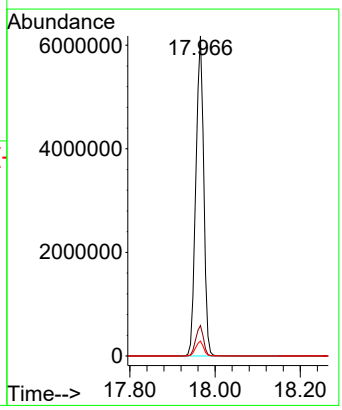


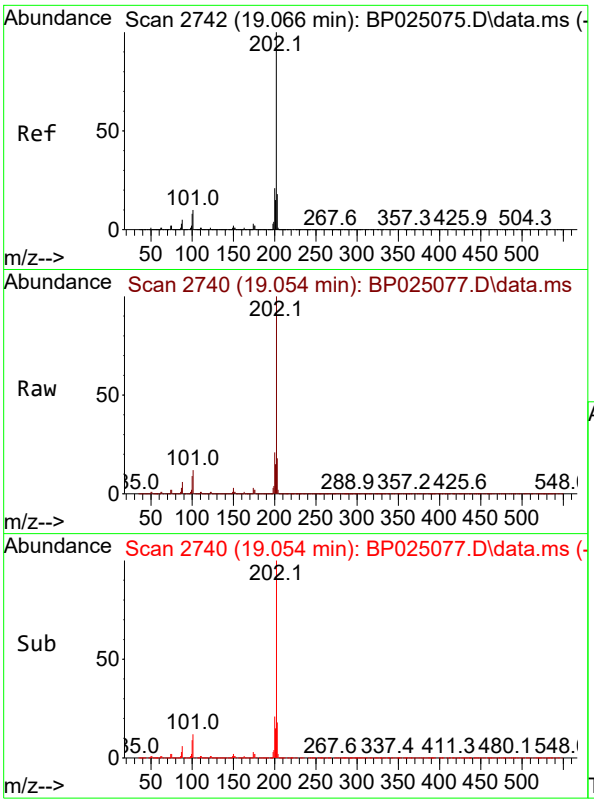


#74
Di-n-butylphthalate
Concen: 65.983 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 7890575

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.7	3.8	5.6



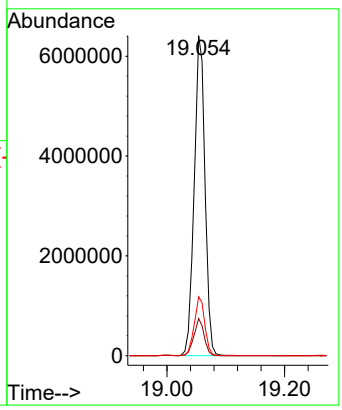


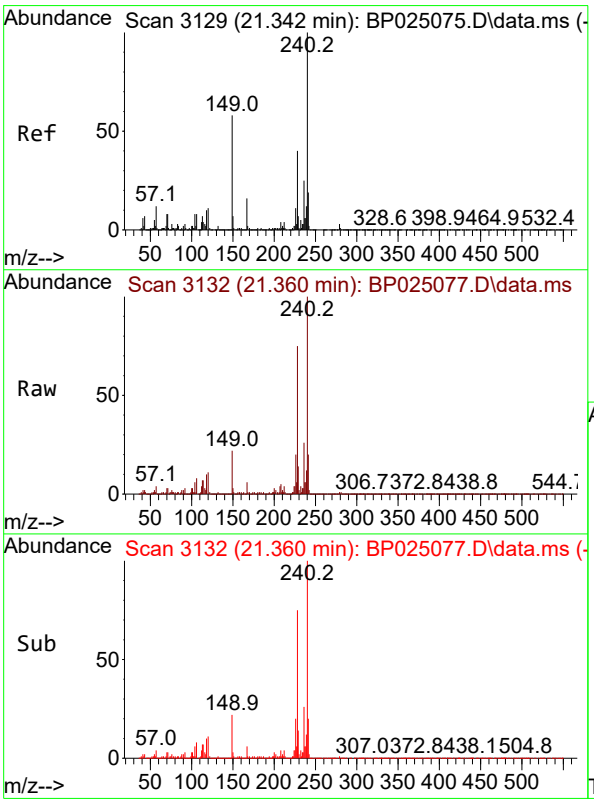
#75
Fluoranthene
Concen: 60.911 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 8151085

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.4
203	18.4	0.0	37.6

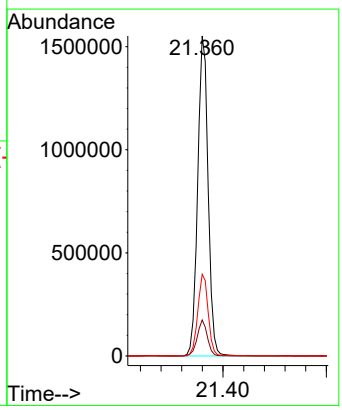


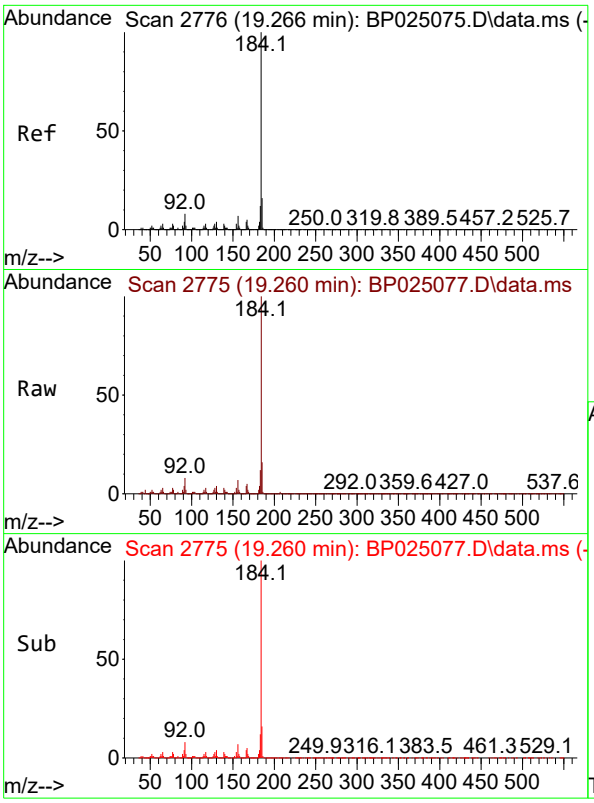


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.360 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:240 Resp: 2162992

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.5	20.3	30.5



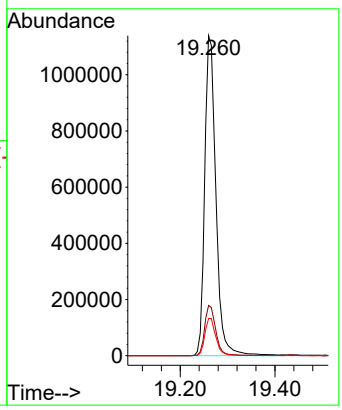


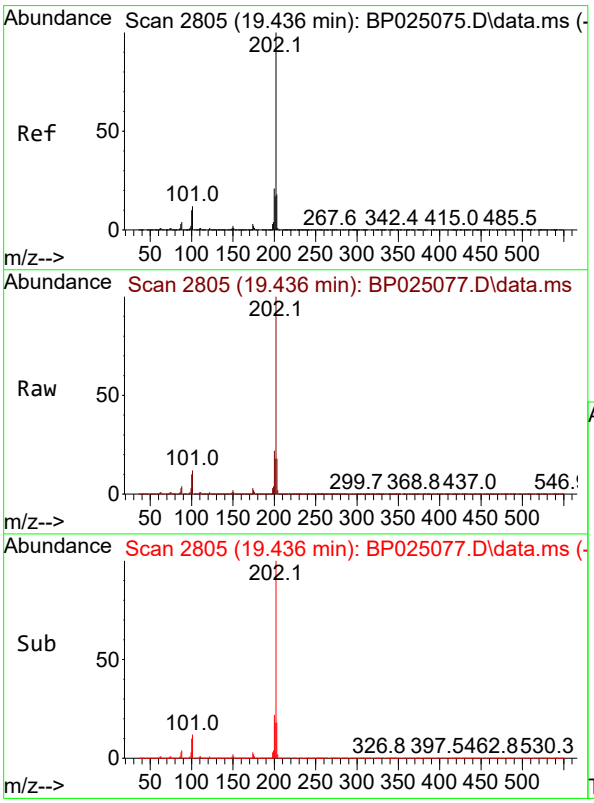
#77
Benzidine
Concen: 48.887 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 1867570

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	11.6	9.4	14.2

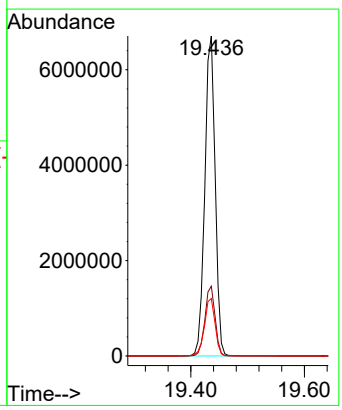


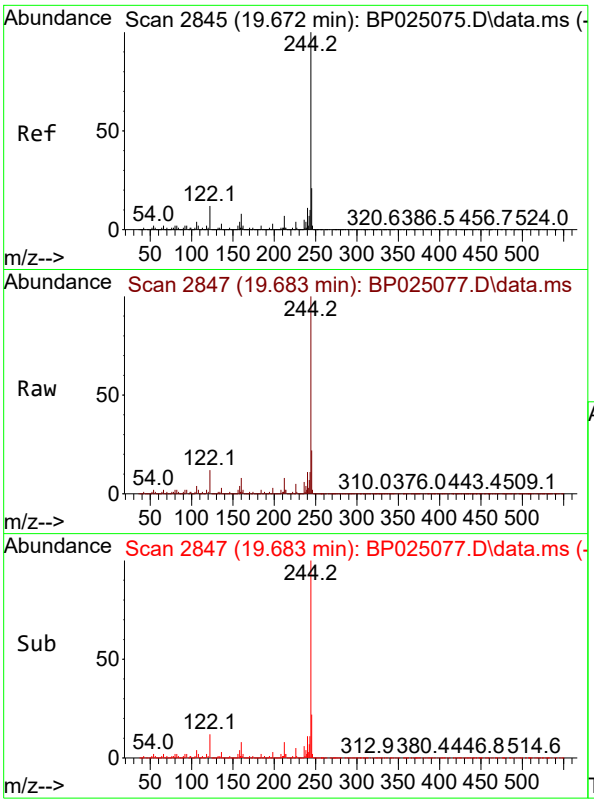


#78
Pyrene
Concen: 63.052 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:202 Resp: 8447118

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.1	25.7
203	17.9	14.1	21.1



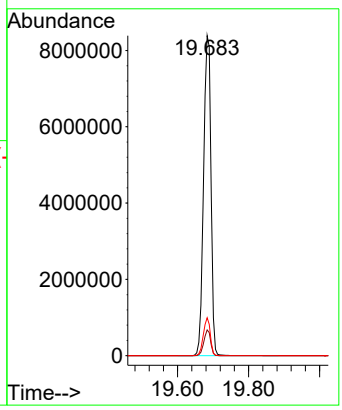


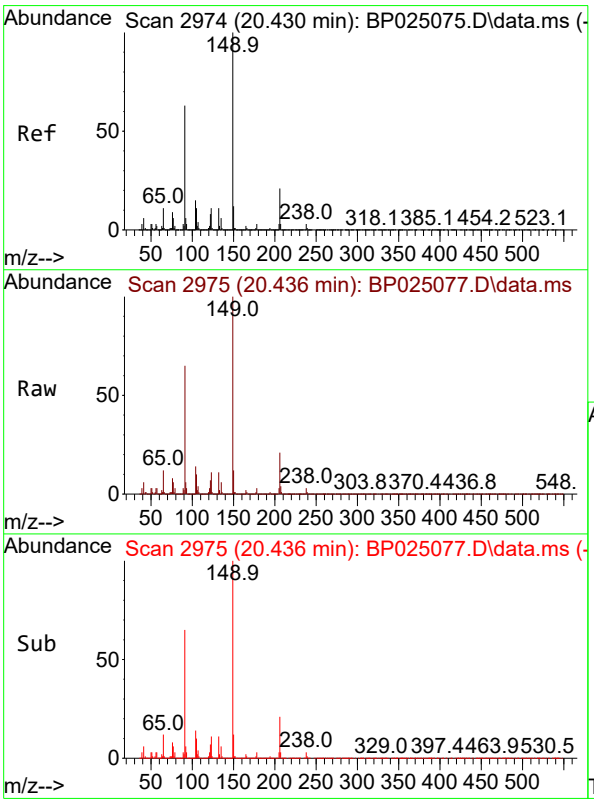
#79
Terphenyl-d14
Concen: 123.446 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp:12149101

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	11.8	9.4	14.2

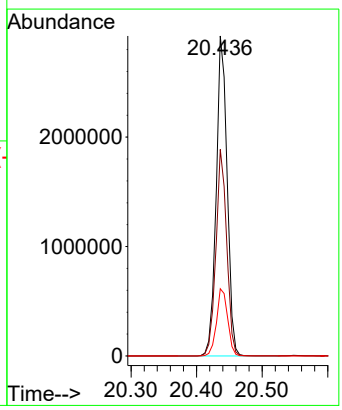


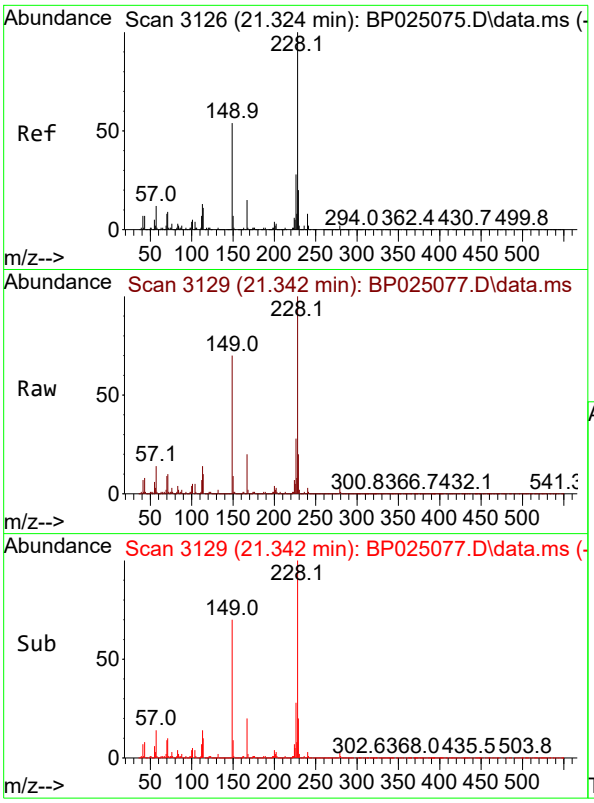


#80
Butylbenzylphthalate
Concen: 63.936 ng
RT: 20.436 min Scan# 2975
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 3368485

Ion	Ratio	Lower	Upper
149	100		
91	64.5	50.6	76.0
206	21.0	17.2	25.8



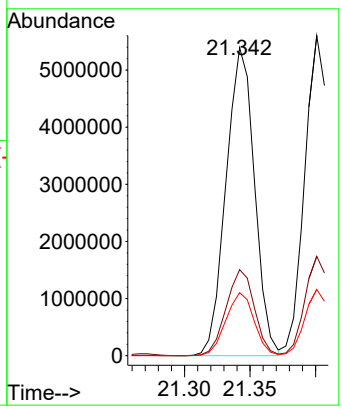


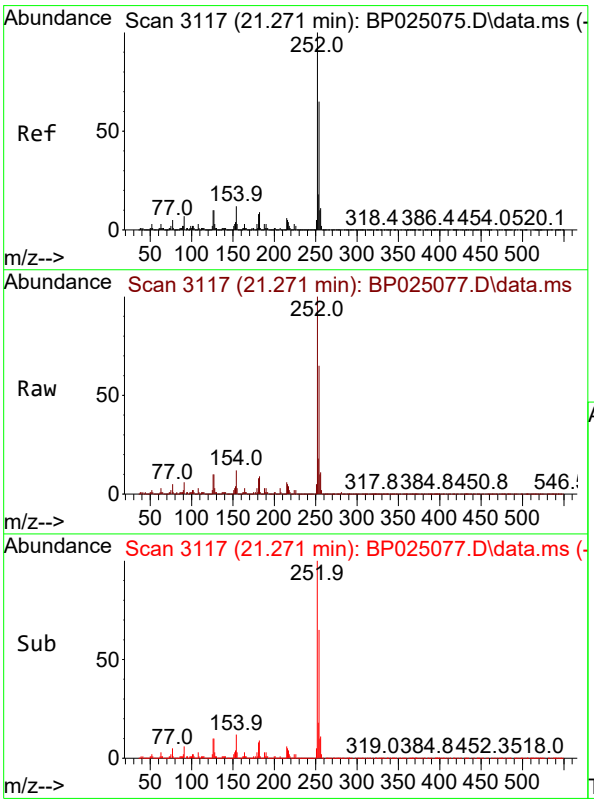
#81
Benzo(a)anthracene
Concen: 62.254 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 8160252

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	20.5	16.0	24.0

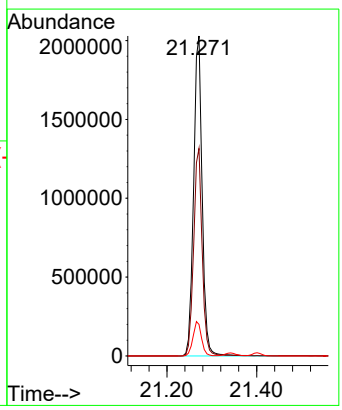


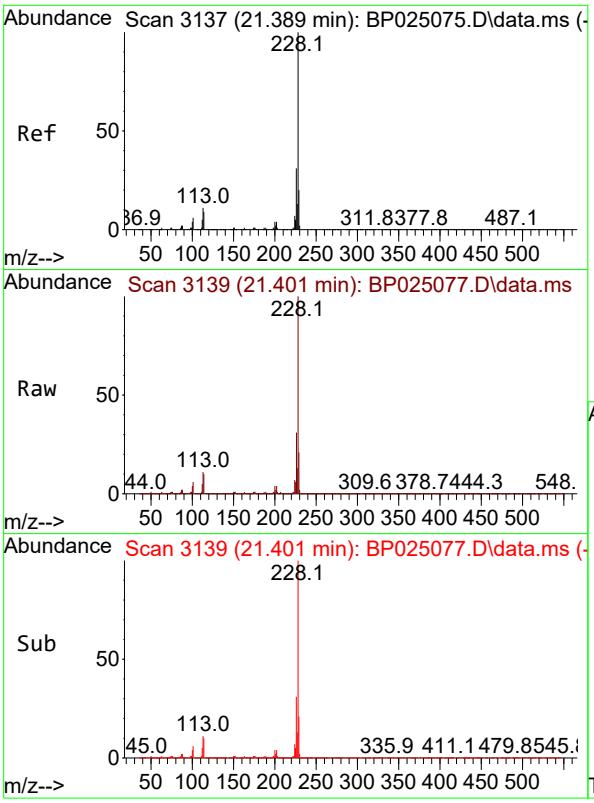


#82
3,3'-Dichlorobenzidine
Concen: 68.044 ng
RT: 21.271 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 2685016

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	9.9	8.1	12.1



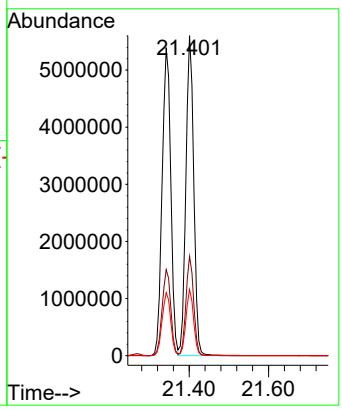


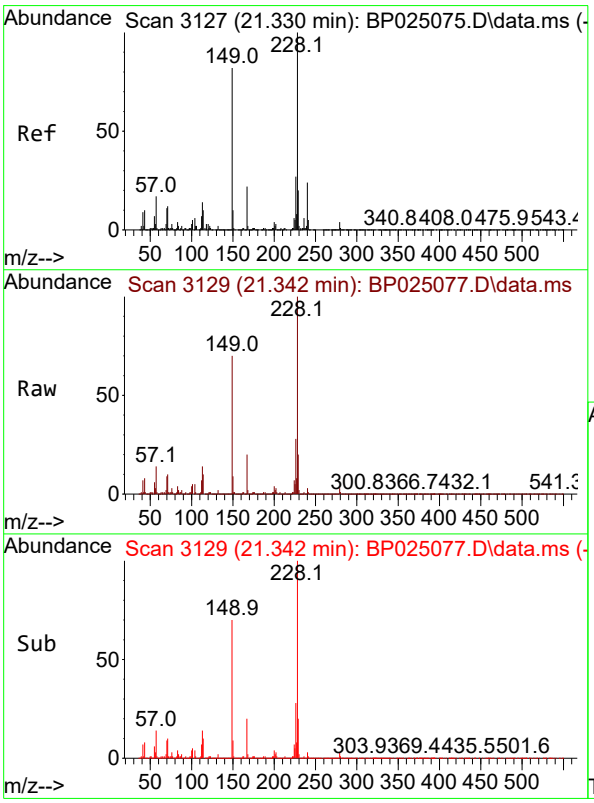
#83
Chrysene
Concen: 61.276 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 7729618

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.7	16.0	24.0

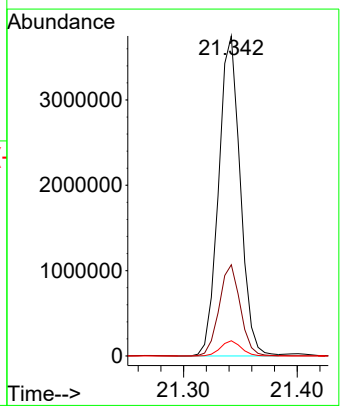


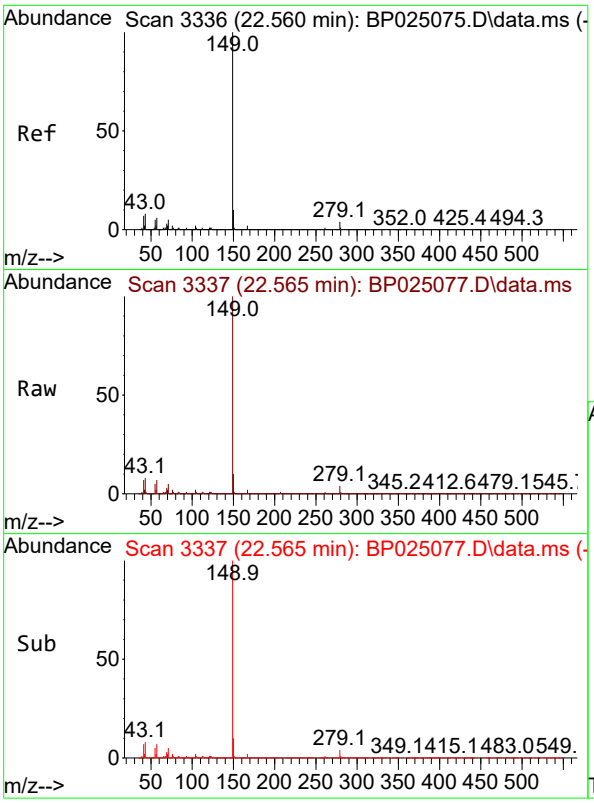


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.551 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:149 Resp: 4960480

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.9	32.9
279	4.8	3.5	5.3



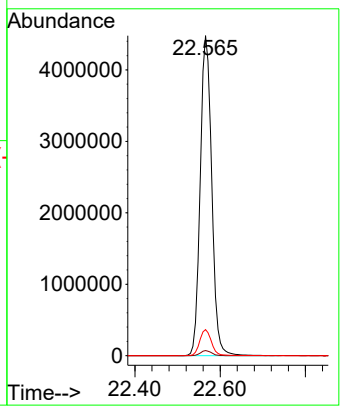


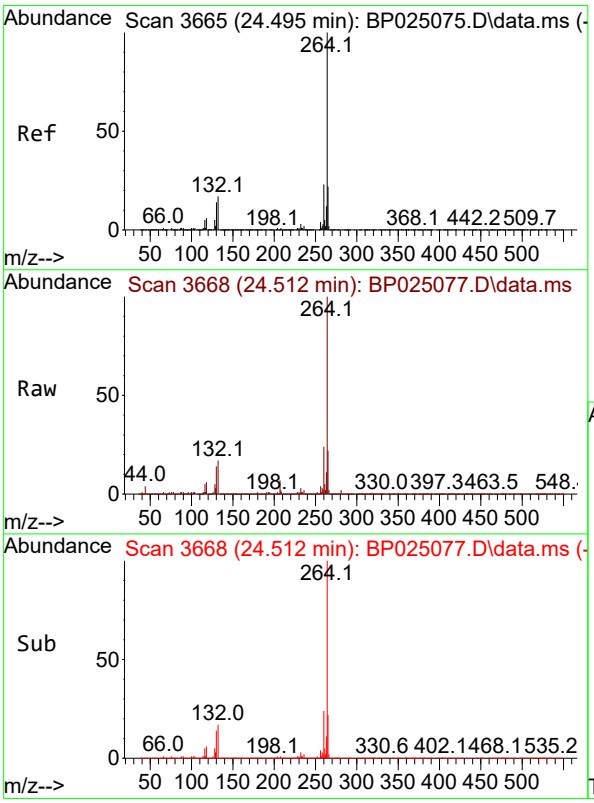
#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.565 min Scan# 3
Delta R.T. 0.005 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 8384283

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.9	10.3

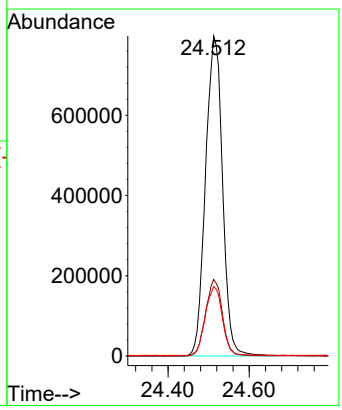


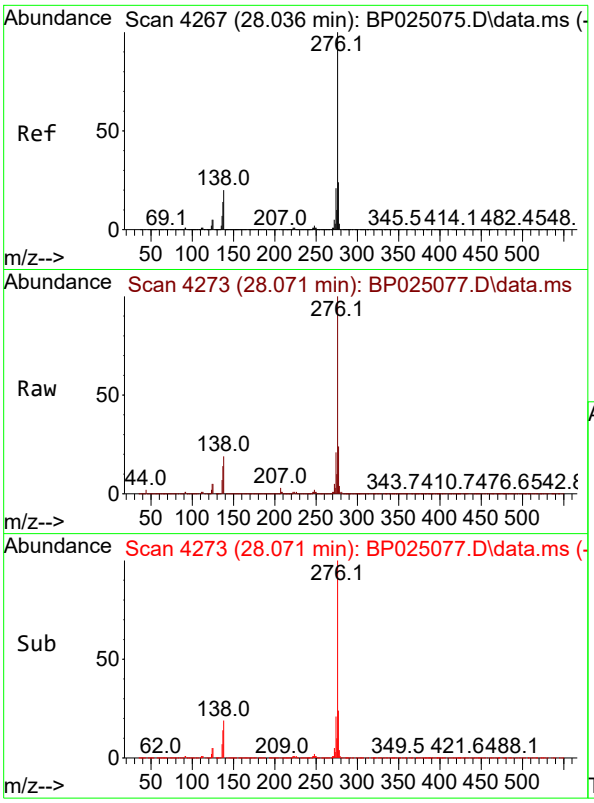


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.512 min Scan# 3668
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:264 Resp: 2316428

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.8	17.7	26.5



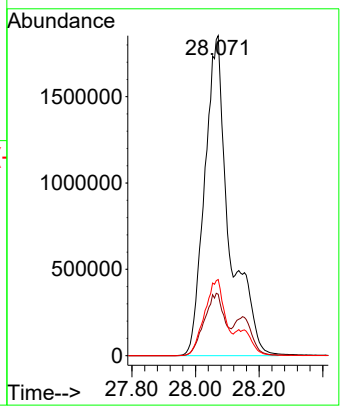


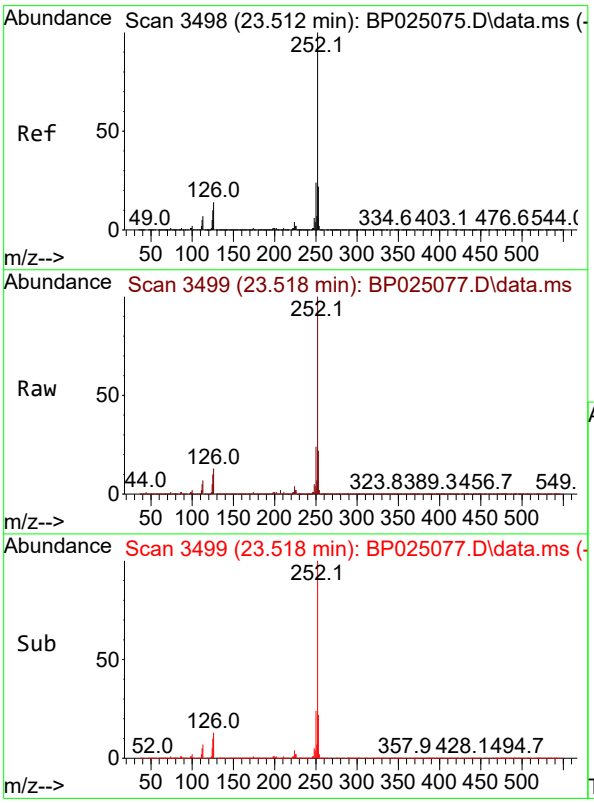
#87
Indeno(1,2,3-cd)pyrene
Concen: 67.489 ng m
RT: 28.071 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 9961748

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.0	19.6
277	19.8	15.9	23.9

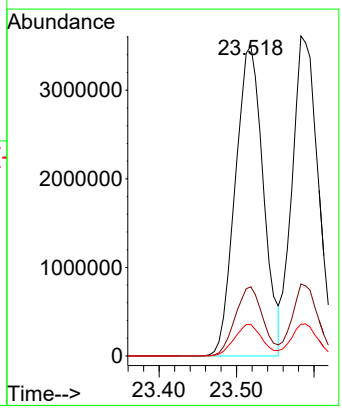


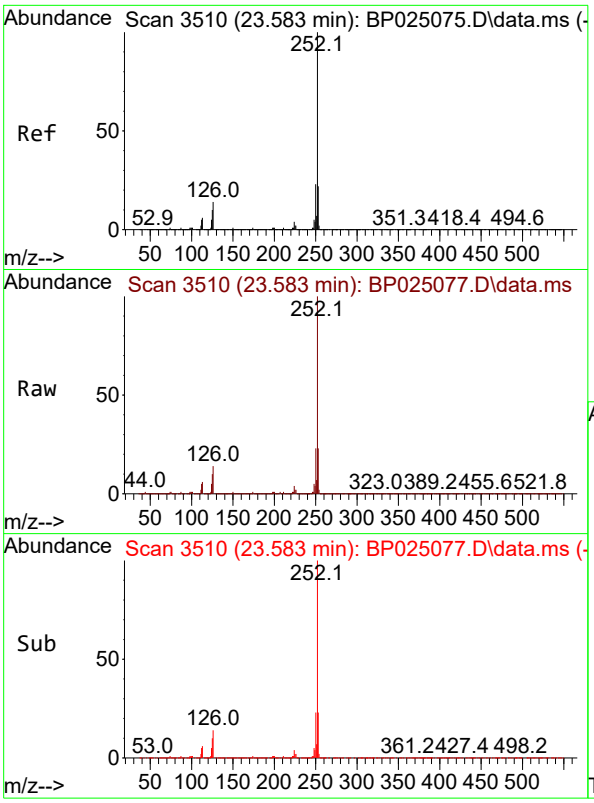


#88
Benzo(b)fluoranthene
Concen: 65.272 ng
RT: 23.518 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 8800482

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.2	8.1	12.1



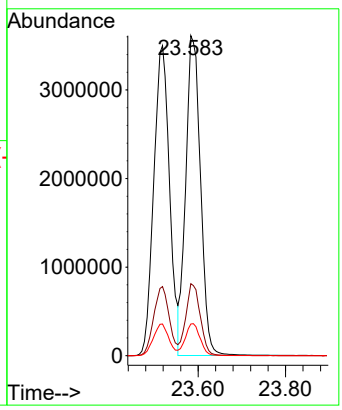


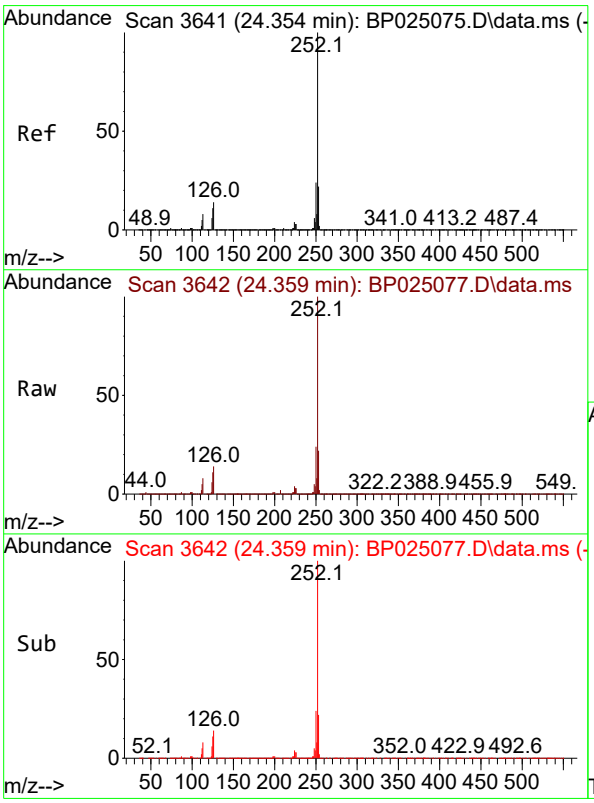
#89
Benzo(k)fluoranthene
Concen: 63.076 ng
RT: 23.583 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 8461854

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	9.9	8.2	12.2

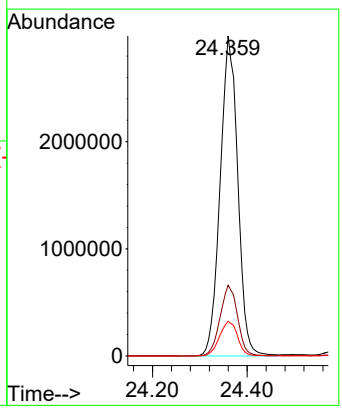


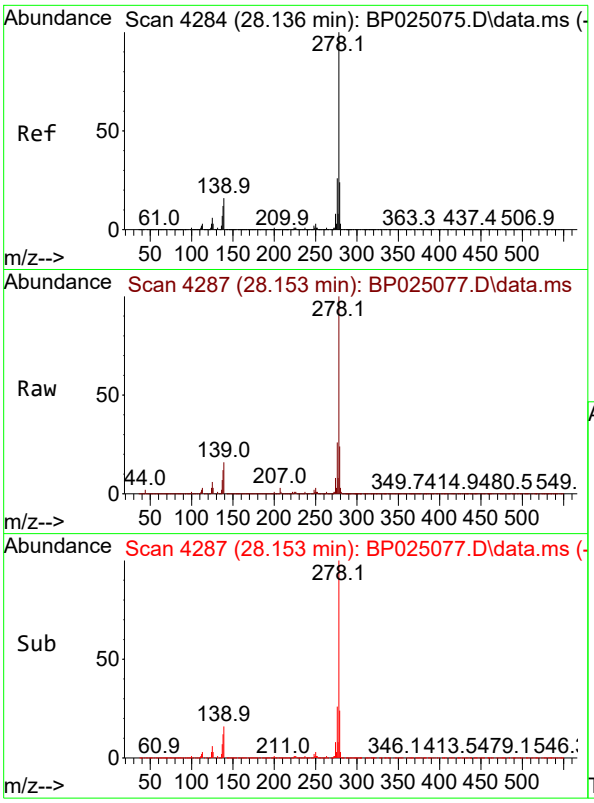


#90
Benzo(a)pyrene
Concen: 67.128 ng
RT: 24.359 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:252 Resp: 7703067

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.9	9.0	13.4



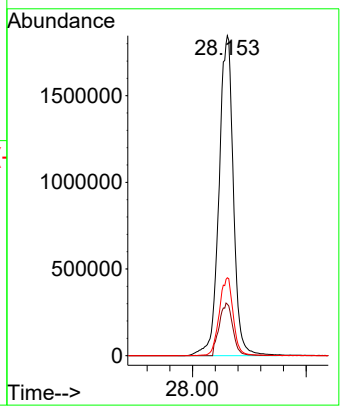


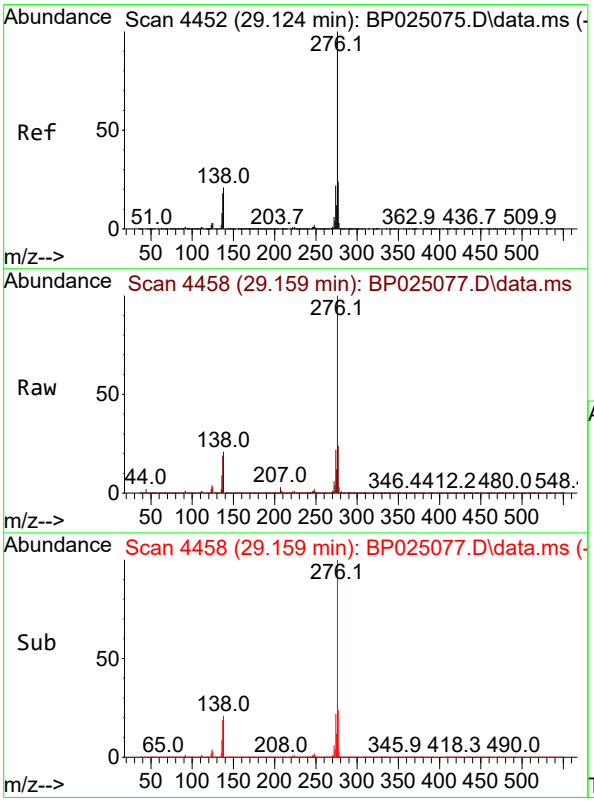
#91
Dibenzo(a,h)anthracene
Concen: 66.770 ng
RT: 28.153 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 8144621

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.1	19.7
279	24.3	18.9	28.3

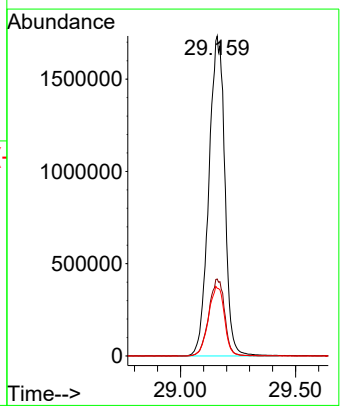




#92
Benzo(g,h,i)perylene
Concen: 66.020 ng
RT: 29.159 min Scan# 4458
Delta R.T. 0.035 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

Tgt Ion:276 Resp: 8319243

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	21.2	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025078.D
Acq On : 03 Jul 2025 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jul 03 15:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	405609	20.000	ng	0.00
21) Naphthalene-d8	10.195	136	1662149	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1084696	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	2129464	20.000	ng	0.01
76) Chrysene-d12	21.354	240	2139587	20.000	ng	0.01
86) Perylene-d12	24.483	264	2356318	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3655581	159.689	ng	0.00
7) Phenol-d6	6.637	99	4808315	160.956	ng	0.00
23) Nitrobenzene-d5	8.572	82	4100042	164.048	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	2161722	168.702	ng	0.00
45) 2-Fluorobiphenyl	12.701	172	10212772	145.859	ng	0.00
79) Terphenyl-d14	19.677	244	13073627	134.293	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	663607	74.549	ng	100
3) Pyridine	3.490	79	1951300m	80.126	ng	
4) n-Nitrosodimethylamine	3.408	42	811711	78.664	ng	98
6) Aniline	6.796	93	2205608	79.022	ng	99
8) 2-Chlorophenol	7.019	128	2043001	79.765	ng	99
10) Phenol	6.666	94	2423035	79.827	ng	99
11) bis(2-Chloroethyl)ether	6.890	93	1808927	77.435	ng	100
12) 1,3-Dichlorobenzene	7.337	146	2200490	76.765	ng	99
13) 1,4-Dichlorobenzene	7.478	146	2228669	76.792	ng	99
14) 1,2-Dichlorobenzene	7.790	146	2114072	75.723	ng	99
15) Benzyl Alcohol	7.684	79	1647105	82.609	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.972	45	2295253	75.564	ng	99
17) 2-Methylphenol	7.878	107	1594735	81.561	ng	100
18) Hexachloroethane	8.507	117	750162	79.344	ng	96
19) n-Nitroso-di-n-propyla...	8.243	70	1414389	79.834	ng	99
20) 3+4-Methylphenols	8.207	107	2223238	81.178	ng	99
22) Acetophenone	8.248	105	2974255	75.663	ng	99
24) Nitrobenzene	8.613	77	2049856	80.522	ng	96
25) Isophorone	9.143	82	3731607	79.894	ng	99
26) 2-Nitrophenol	9.313	139	1054507	82.791	ng	99
27) 2,4-Dimethylphenol	9.390	122	1396982	80.180	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	2467631	77.809	ng	99
29) 2,4-Dichlorophenol	9.848	162	2035842	84.268	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	2084432	77.912	ng	98
31) Naphthalene	10.242	128	6485251	75.773	ng	100
32) Benzoic acid	9.560	122	1535999	87.682	ng	99
33) 4-Chloroaniline	10.348	127	2533698	79.326	ng	99
34) Hexachlorobutadiene	10.542	225	1198440	78.059	ng	99
35) Caprolactam	11.137	113	679020	82.158	ng	99
36) 4-Chloro-3-methylphenol	11.484	107	2102953	83.296	ng	99
37) 2-Methylnaphthalene	11.866	142	4691171	77.683	ng	99
38) 1-Methylnaphthalene	12.089	142	4509252	76.564	ng	99
40) 1,2,4,5-Tetrachloroben...	12.248	216	2462639	78.996	ng	99
41) Hexachlorocyclopentadiene	12.236	237	711159	87.336	ng	99
43) 2,4,6-Trichlorophenol	12.489	196	1646539	87.227	ng	99
44) 2,4,5-Trichlorophenol	12.566	196	1806219	84.432	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025078.D
Acq On : 03 Jul 2025 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jul 03 15:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.913	154	5987203	75.863	ng		100
47) 2-Chloronaphthalene	12.948	162	4544953	76.620	ng		99
48) 2-Nitroaniline	13.142	65	1186338	79.706	ng		98
49) Acenaphthylene	13.807	152	7027119	77.402	ng		99
50) Dimethylphthalate	13.566	163	5799322	76.378	ng		99
51) 2,6-Dinitrotoluene	13.672	165	1274236	86.048	ng		99
52) Acenaphthene	14.166	154	4454631	76.130	ng		98
53) 3-Nitroaniline	14.001	138	1399587	88.191	ng		99
54) 2,4-Dinitrophenol	14.207	184	592801	81.781	ng		98
55) Dibenzofuran	14.513	168	7178793	74.338	ng		99
56) 4-Nitrophenol	14.325	139	1251984	85.486	ng		98
57) 2,4-Dinitrotoluene	14.478	165	1759928	79.166	ng	#	96
58) Fluorene	15.178	166	5543506	74.216	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.742	232	1634442	84.370	ng		98
60) Diethylphthalate	14.978	149	5891551	77.254	ng		99
61) 4-Chlorophenyl-phenyle...	15.183	204	2717790	73.523	ng		99
62) 4-Nitroaniline	15.195	138	1404085	84.376	ng		99
63) Azobenzene	15.489	77	5079474	74.798	ng		97
65) 4,6-Dinitro-2-methylph...	15.254	198	836918	81.907	ng		97
66) n-Nitrosodiphenylamine	15.401	169	4815876	79.024	ng		99
67) 4-Bromophenyl-phenylether	16.095	248	1812737	83.140	ng		96
68) Hexachlorobenzene	16.207	284	2122928	79.660	ng		97
69) Atrazine	16.389	200	1312003	73.469	ng		100
70) Pentachlorophenol	16.566	266	1571184	87.298	ng		98
71) Phenanthrene	16.966	178	8609082	75.660	ng		99
72) Anthracene	17.048	178	8269798	75.756	ng		99
73) Carbazole	17.336	167	8311609	77.872	ng		99
74) Di-n-butylphthalate	17.966	149	9814307	82.572	ng		99
75) Fluoranthene	19.066	202	10352176	77.833	ng		98
77) Benzidine	19.266	184	2653175	70.212	ng		100
78) Pyrene	19.448	202	10597728	79.970	ng		99
80) Butylbenzylphthalate	20.436	149	4268020	80.862	ng		99
81) Benzo(a)anthracene	21.336	228	10175638	78.478	ng		99
82) 3,3'-Dichlorobenzidine	21.271	252	3397776	87.049	ng		99
83) Chrysene	21.407	228	9566614	76.668	ng		99
84) Bis(2-ethylhexyl)phtha...	21.330	149	6160265	88.574	ng		98
85) Di-n-octyl phthalate	22.559	149	10681173	79.212	ng		99
87) Indeno(1,2,3-cd)pyrene	28.047	276	12878282m	85.771	ng		
88) Benzo(b)fluoranthene	23.518	252	11185819	81.559	ng		99
89) Benzo(k)fluoranthene	23.583	252	10678946	78.255	ng		99
90) Benzo(a)pyrene	24.354	252	9800149	83.957	ng		99
91) Dibenzo(a,h)anthracene	28.147	278	10538537	84.932	ng		99
92) Benzo(g,h,i)perylene	29.147	276	10759787	83.943	ng		100

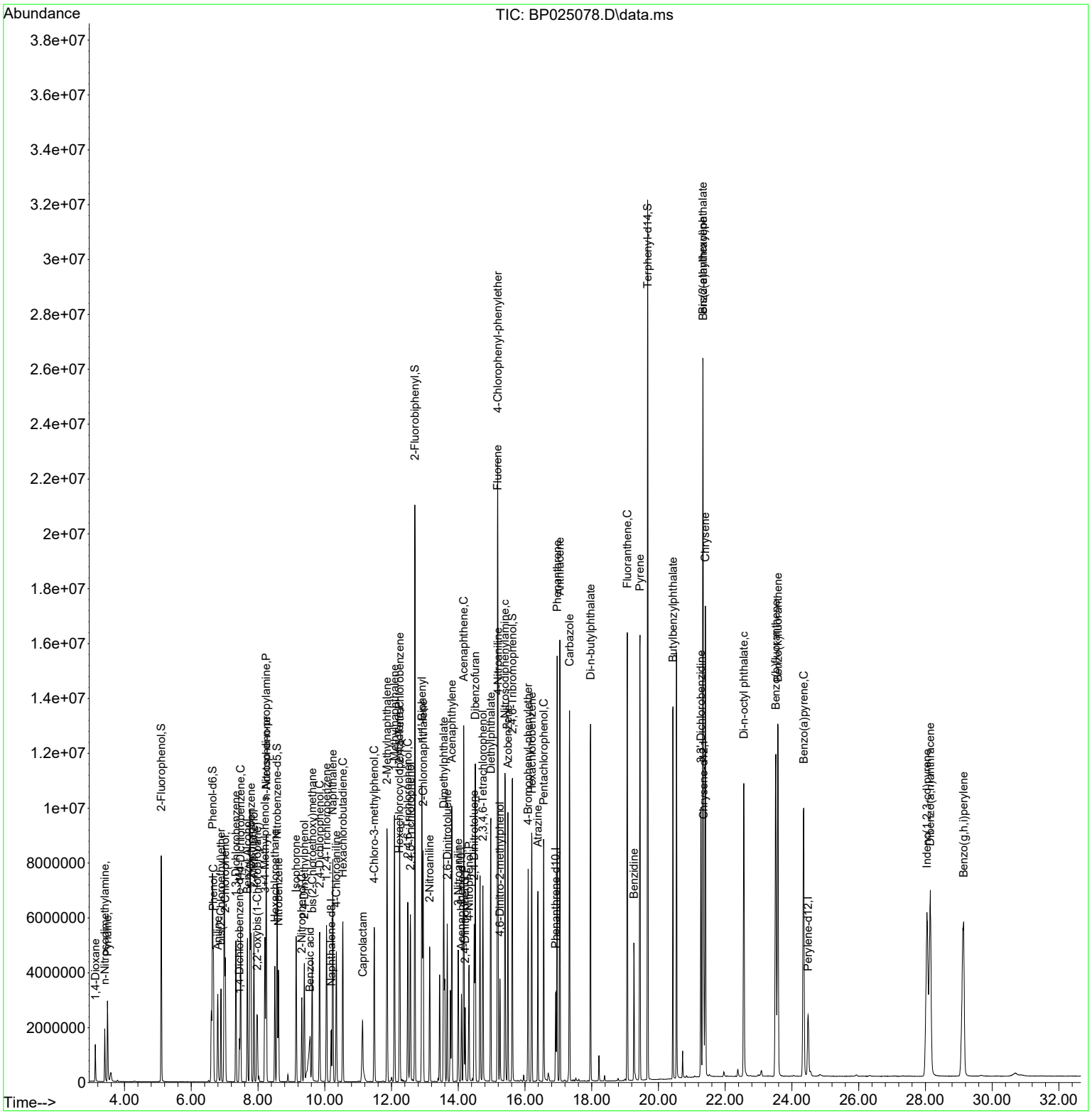
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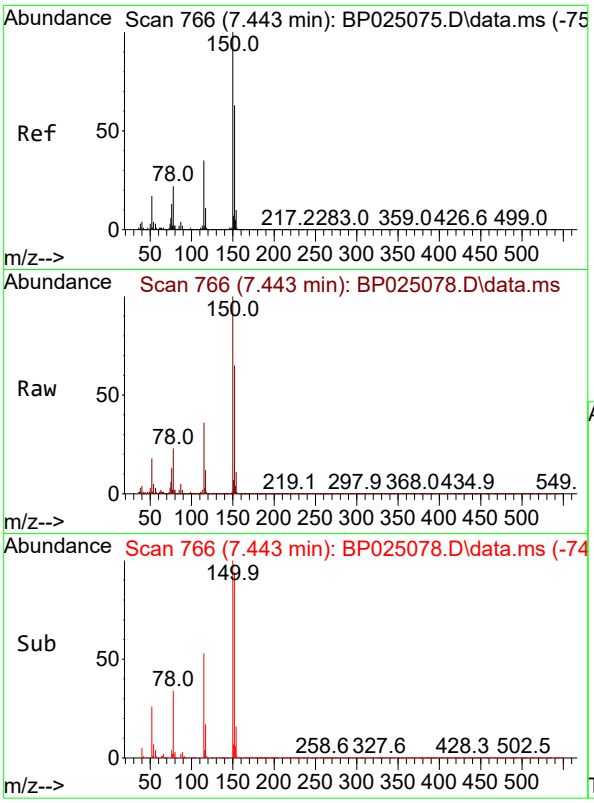
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025078.D
Acq On : 03 Jul 2025 14:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Jul 03 15:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



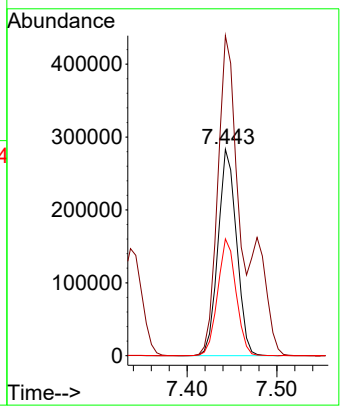


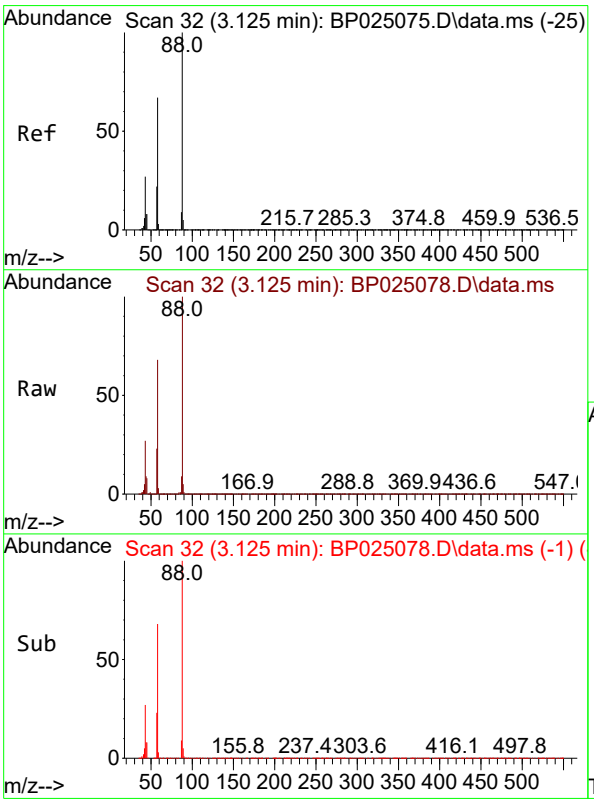
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 405609

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.1	189.1
115	56.6	44.3	66.5

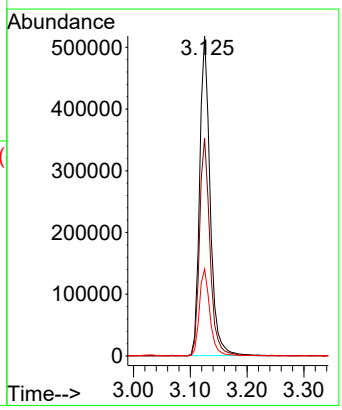


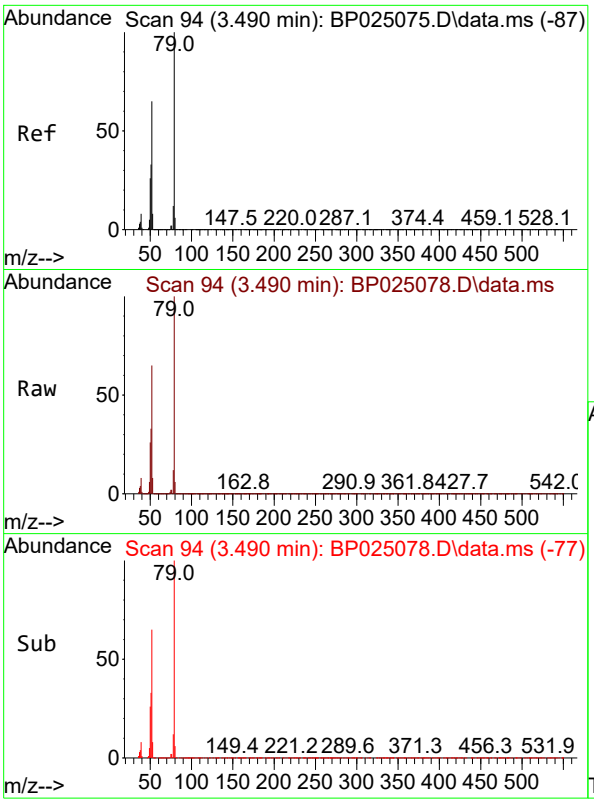


#2
1,4-Dioxane
Concen: 74.549 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 88 Resp: 663607

Ion	Ratio	Lower	Upper
88	100		
58	68.5	55.0	82.4
43	27.4	21.9	32.9



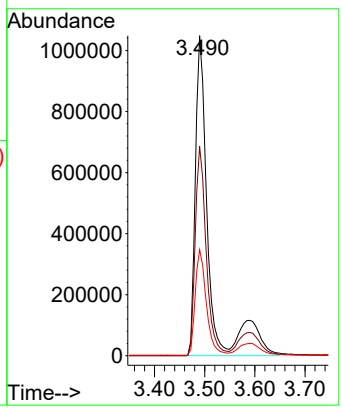


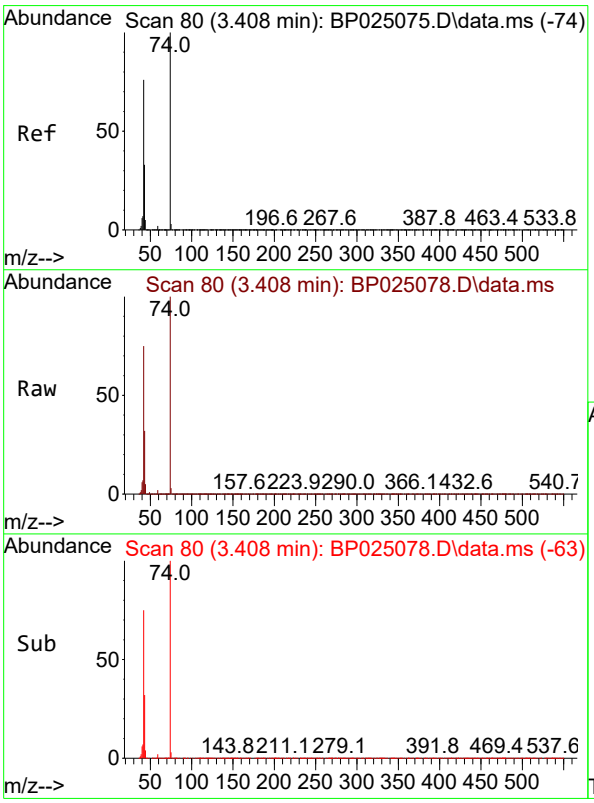
#3
Pyridine
Concen: 80.126 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1951300

Ion	Ratio	Lower	Upper
79	100		
52	65.4	52.2	78.4
51	33.1	26.8	40.2

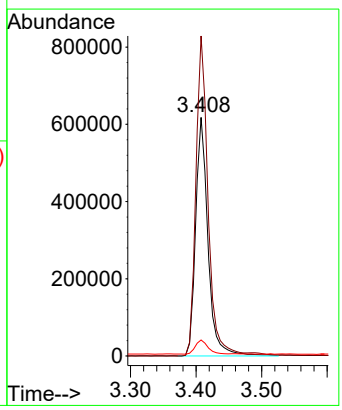


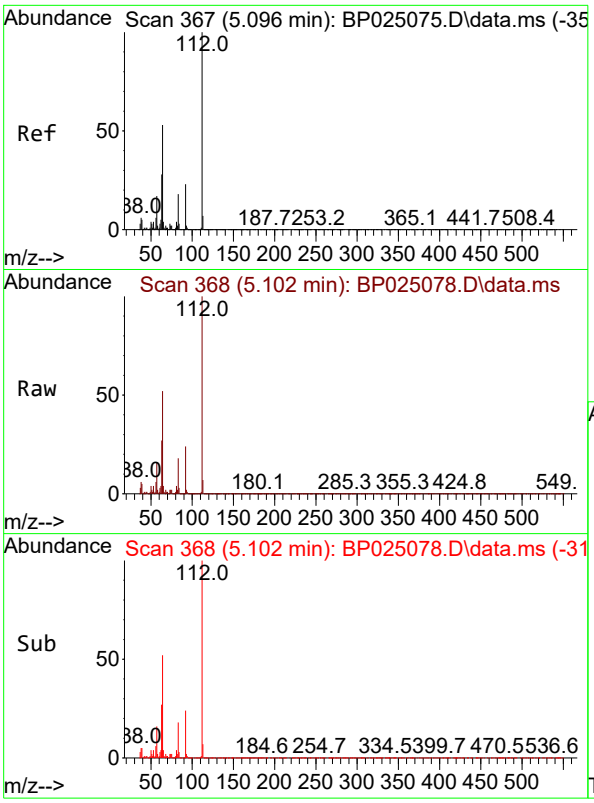


#4
n-Nitrosodimethylamine
Concen: 78.664 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 42 Resp: 811711

Ion	Ratio	Lower	Upper
42	100		
74	134.1	105.2	157.8
44	6.7	6.6	9.8



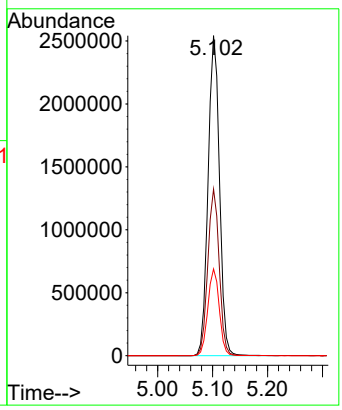


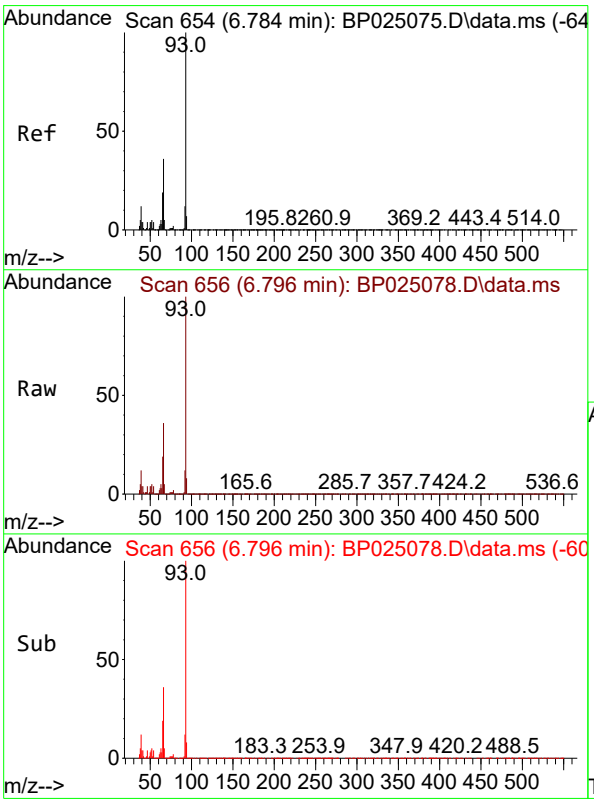
#5
2-Fluorophenol
Concen: 159.689 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 3655581

Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.0	63.0
63	27.1	22.2	33.2

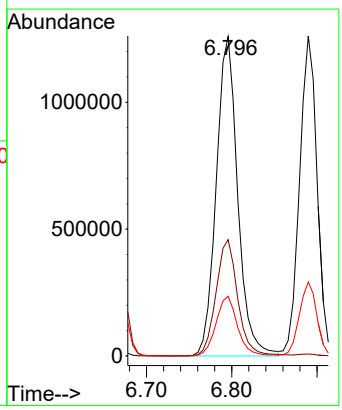


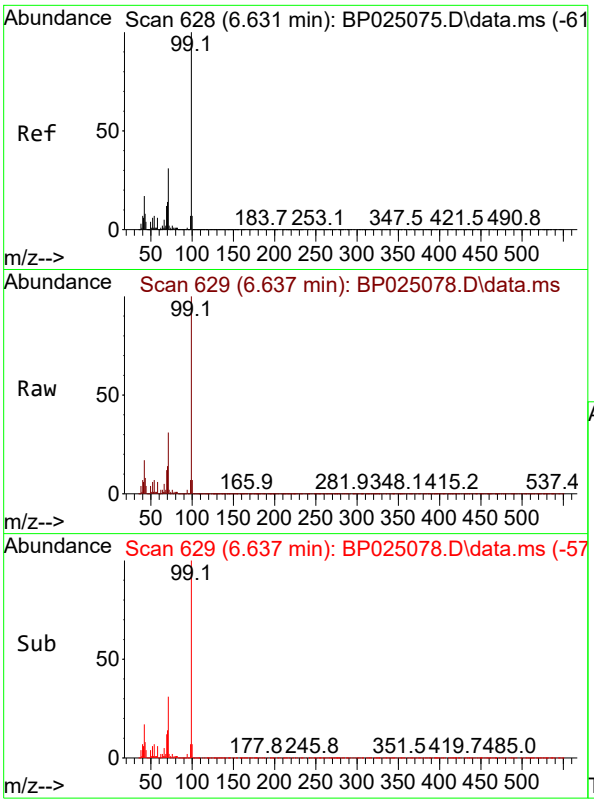


#6
Aniline
Concen: 79.022 ng
RT: 6.796 min Scan# 656
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 93 Resp: 2205608

Ion	Ratio	Lower	Upper
93	100		
66	36.4	28.9	43.3
65	18.7	15.2	22.8



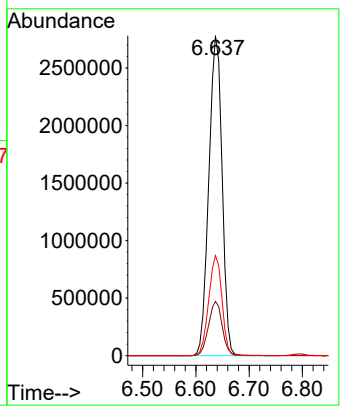


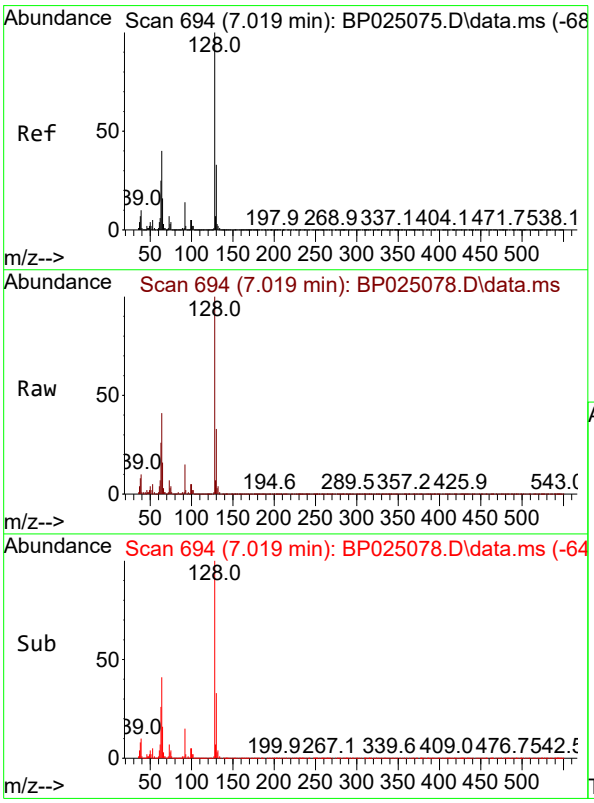
#7
Phenol-d6
Concen: 160.956 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 4808315

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	31.3	24.4	36.6

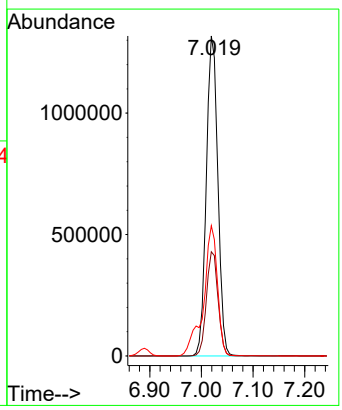


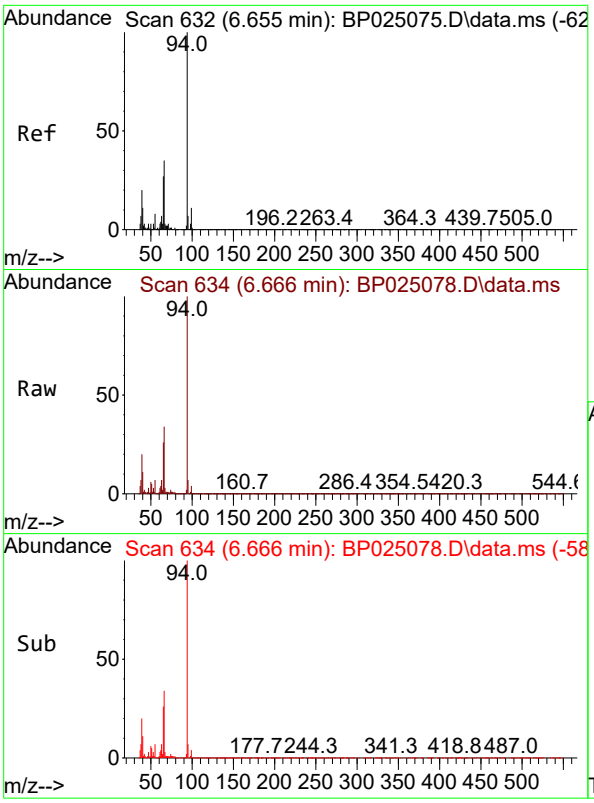


#8
2-Chlorophenol
Concen: 79.765 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:128 Resp: 2043001

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	40.7	20.3	60.3



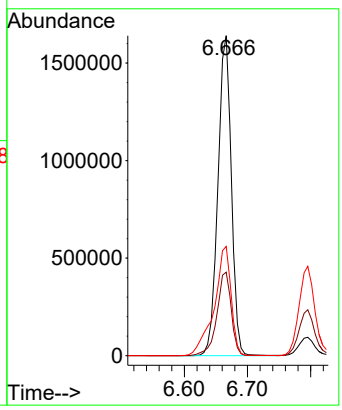


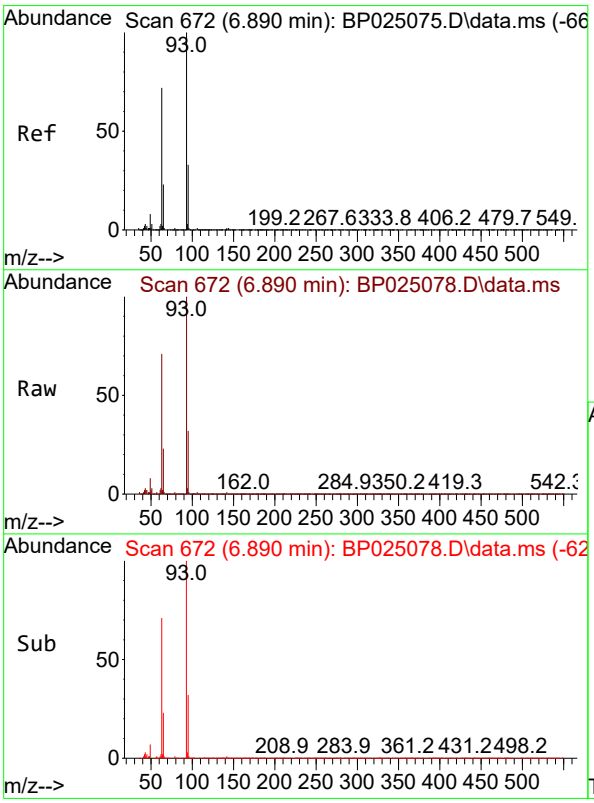
#10
Phenol
Concen: 79.827 ng
RT: 6.666 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 94 Resp: 2423035

Ion	Ratio	Lower	Upper
94	100		
65	26.1	6.9	46.9
66	34.1	14.6	54.6

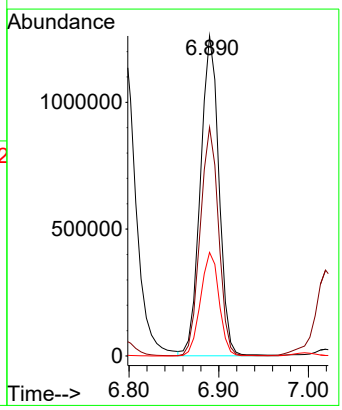


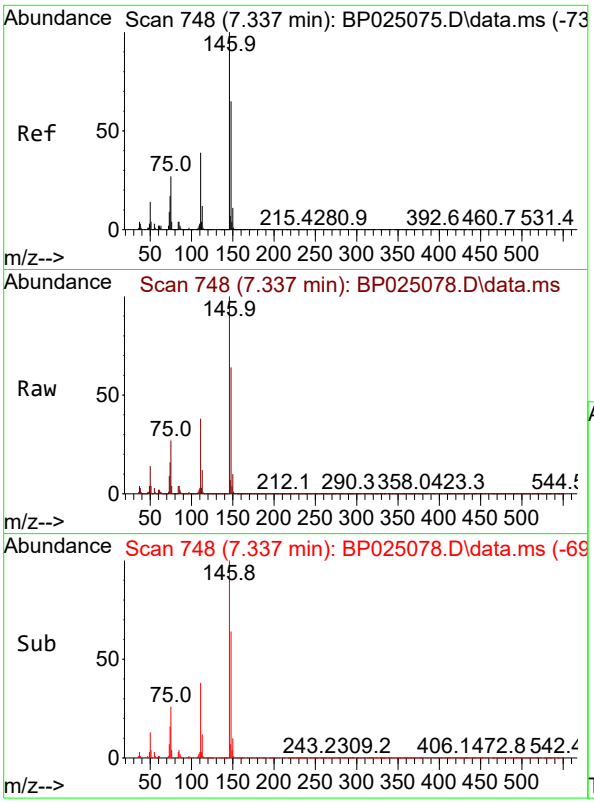


#11
bis(2-Chloroethyl)ether
Concen: 77.435 ng
RT: 6.890 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 93 Resp: 1808927

Ion	Ratio	Lower	Upper
93	100		
63	71.5	51.9	91.9
95	32.4	12.4	52.4



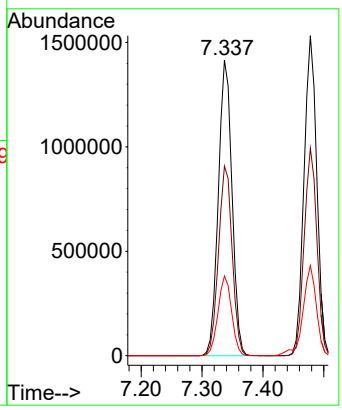


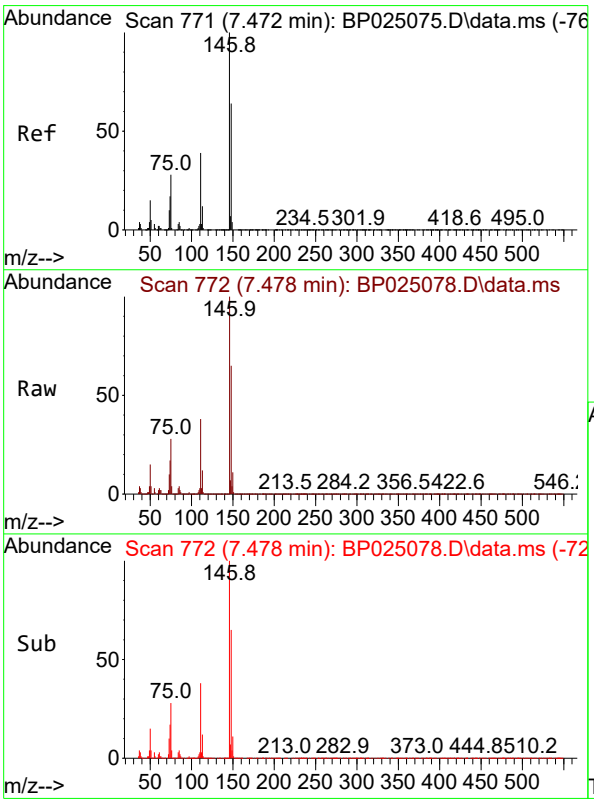
#12
1,3-Dichlorobenzene
Concen: 76.765 ng
RT: 7.337 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 2200490

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
75	26.9	21.8	32.6

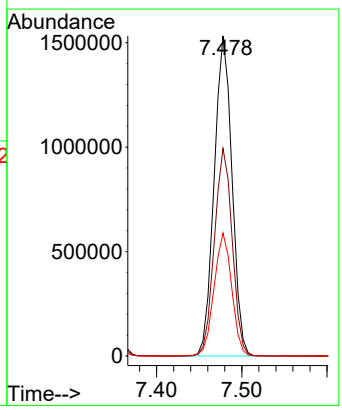


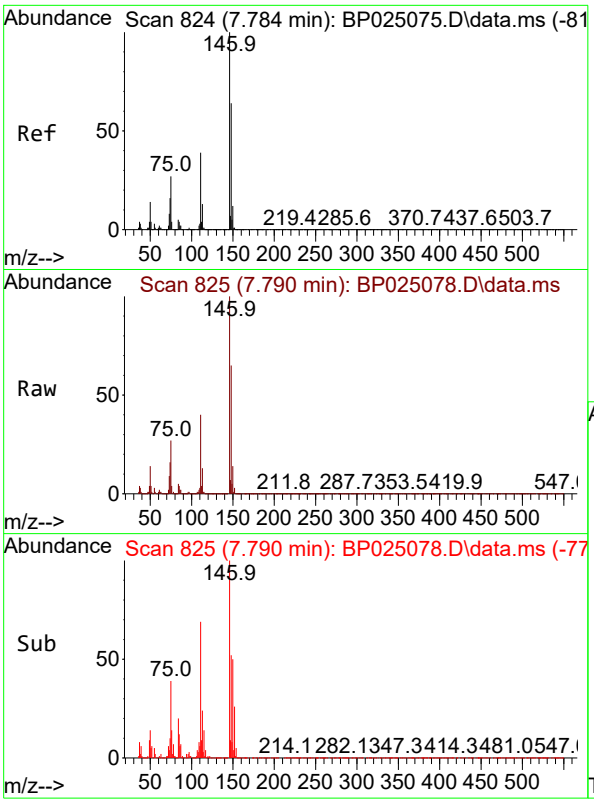


#13
1,4-Dichlorobenzene
Concen: 76.792 ng
RT: 7.478 min Scan# 772
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:146 Resp: 2228669

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	38.4	31.2	46.8



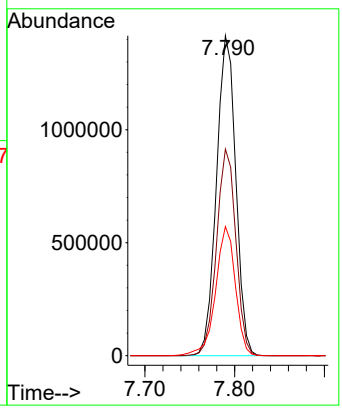


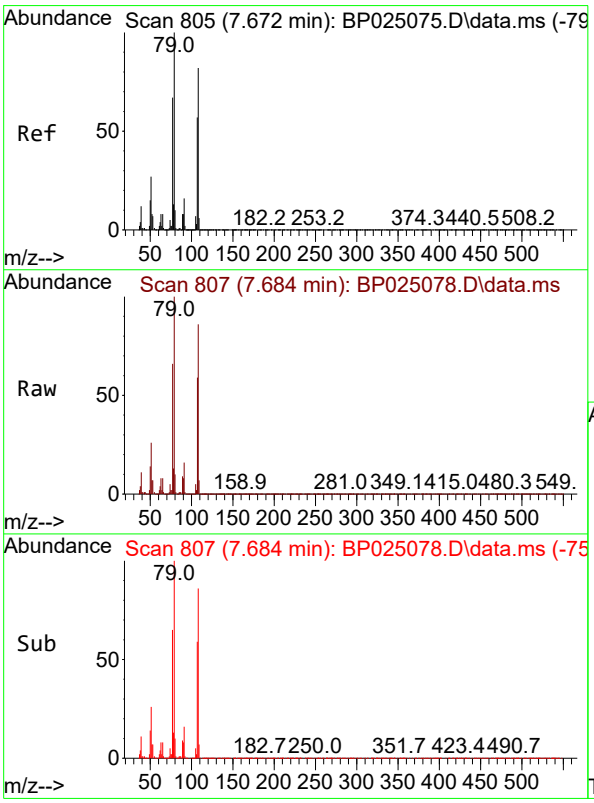
#14
1,2-Dichlorobenzene
Concen: 75.723 ng
RT: 7.790 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 2114072

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	40.3	31.2	46.8

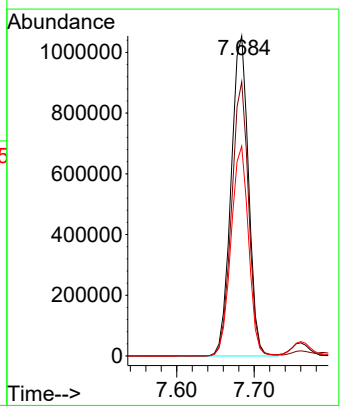


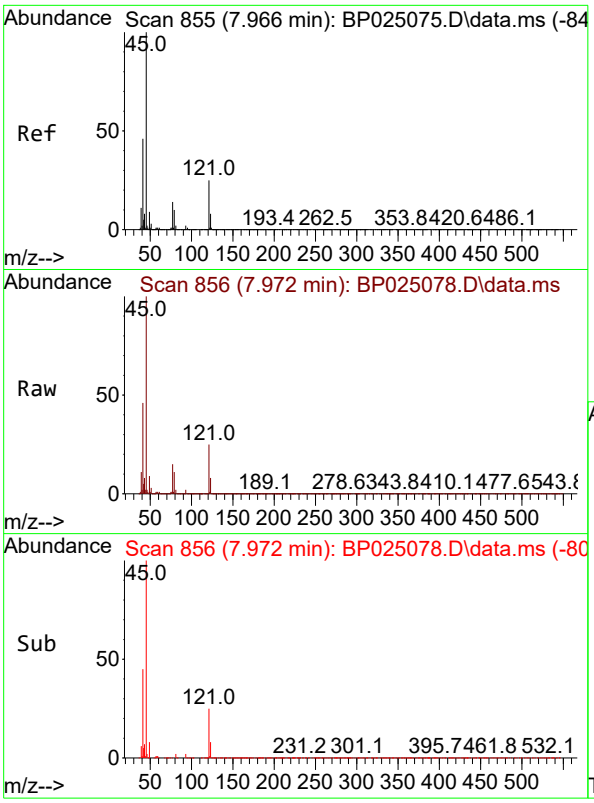


#15
Benzyl Alcohol
Concen: 82.609 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 79 Resp: 1647105

Ion	Ratio	Lower	Upper
79	100		
108	85.6	66.0	99.0
77	65.5	53.4	80.2



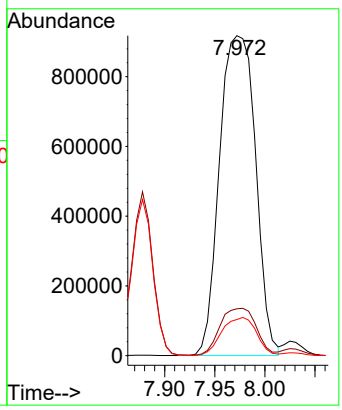


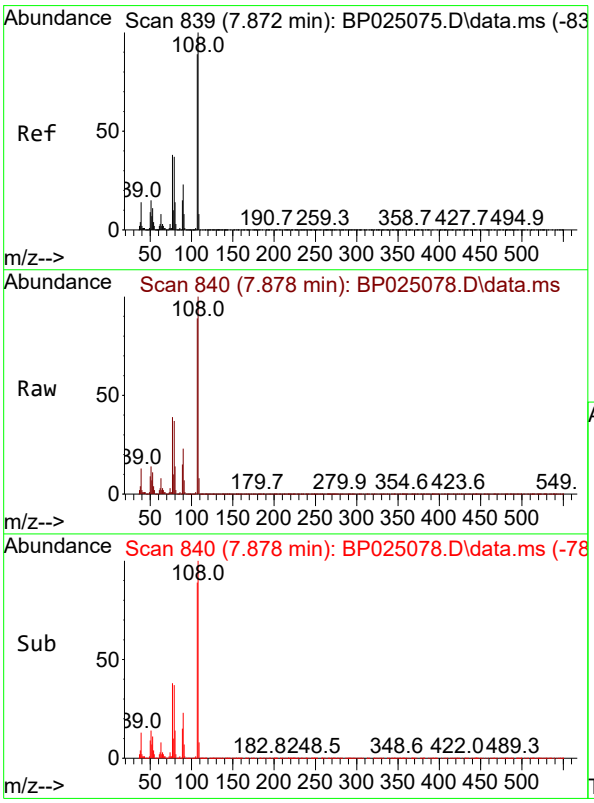
#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.564 ng
RT: 7.972 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 45 Resp: 2295253

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	34.8
79	11.3	0.0	30.7

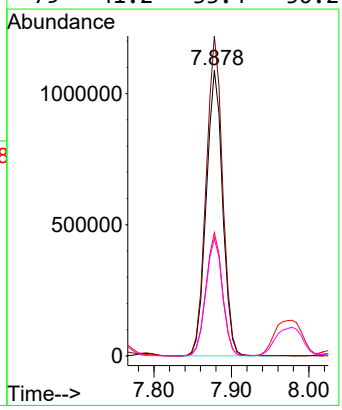


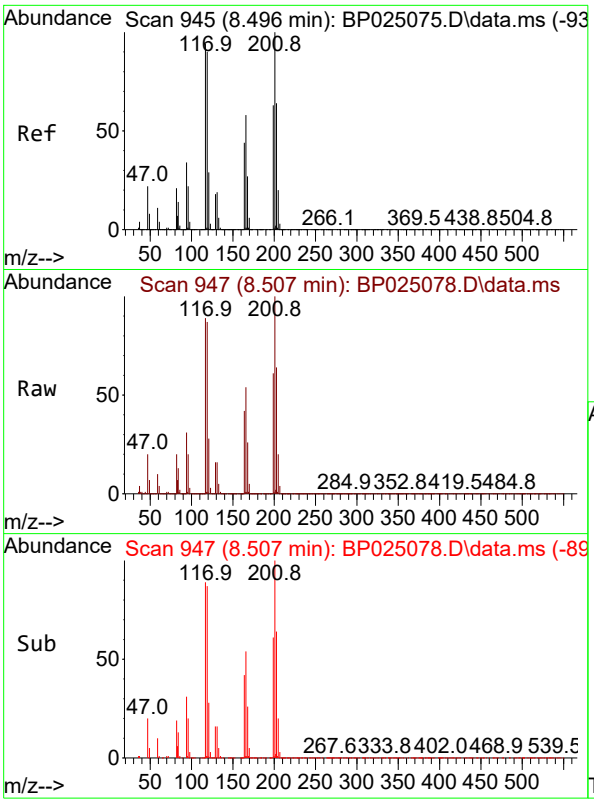


#17
2-Methylphenol
Concen: 81.561 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:107 Resp: 1594735

Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.7	134.5
77	43.2	34.2	51.4
79	41.2	33.4	50.2



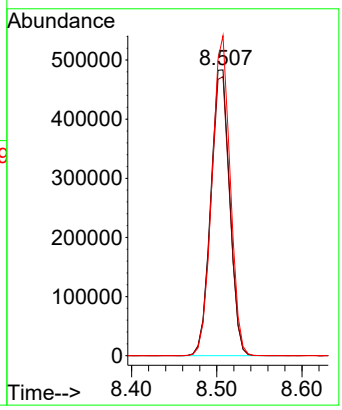


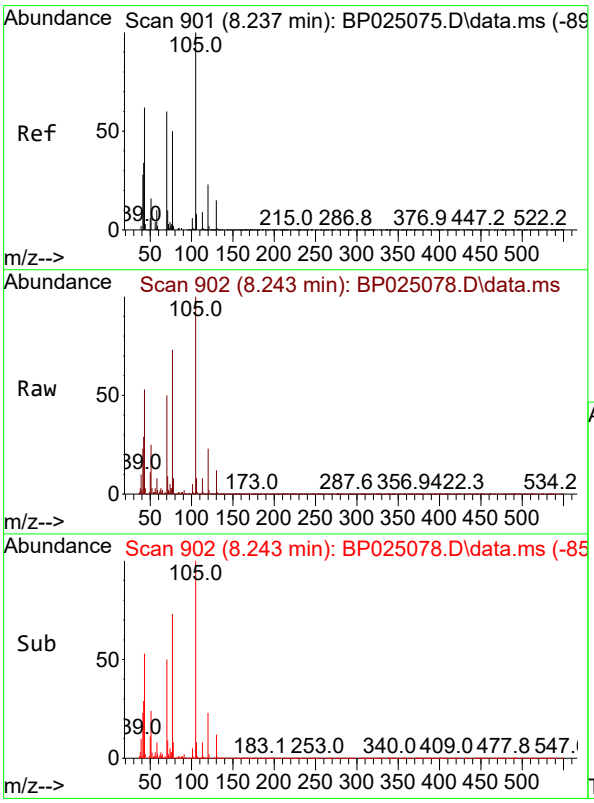
#18
Hexachloroethane
Concen: 79.344 ng
RT: 8.507 min Scan# 94
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:117 Resp: 750162

Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.6	115.0
201	112.0	85.4	128.2

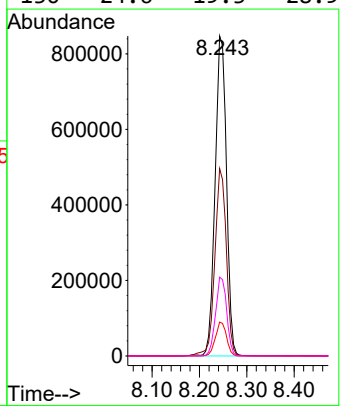


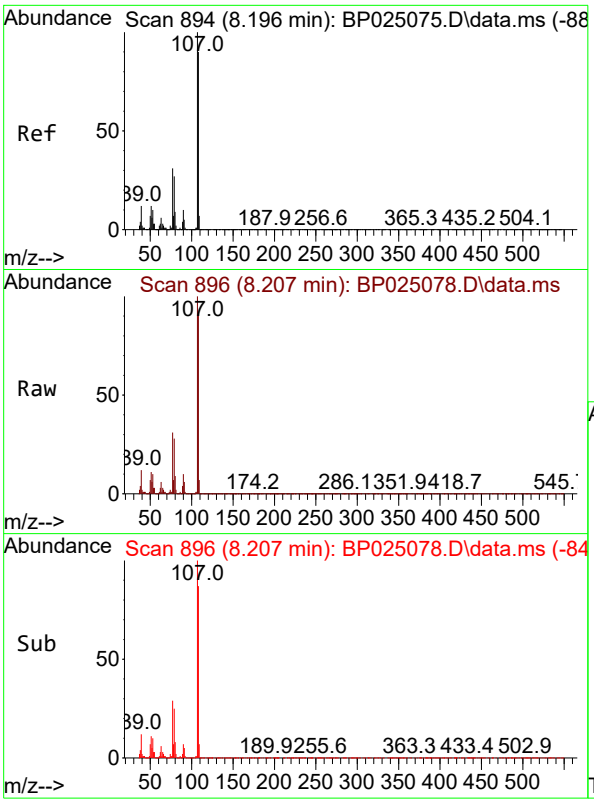


#19
n-Nitroso-di-n-propylamine
Concen: 79.834 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 70 Resp: 1414389

Ion	Ratio	Lower	Upper
70	100		
42	58.6	46.5	69.7
101	10.6	7.9	11.9
130	24.6	19.3	28.9



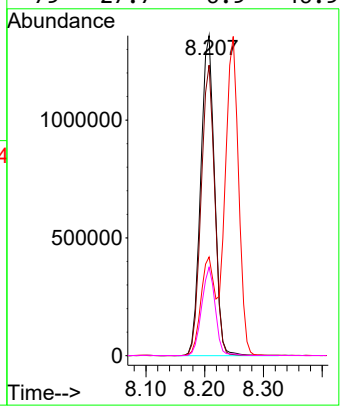


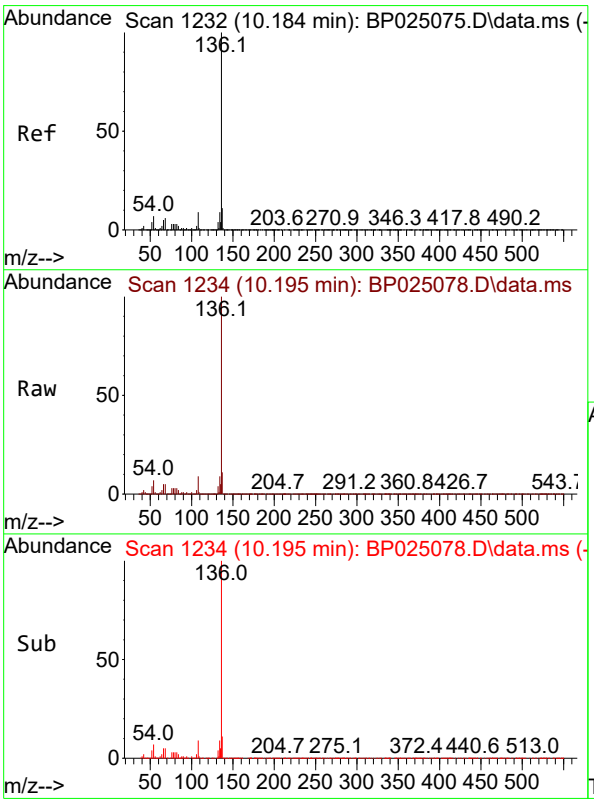
#20
3+4-Methylphenols
Concen: 81.178 ng
RT: 8.207 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 2223238

Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.5	109.5
77	30.9	11.4	51.4
79	27.7	6.9	46.9

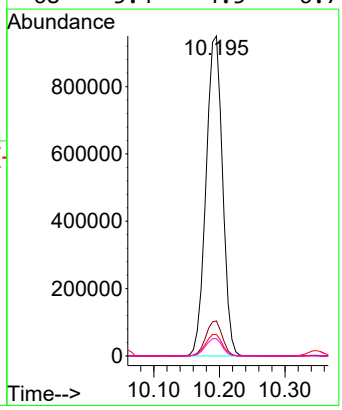


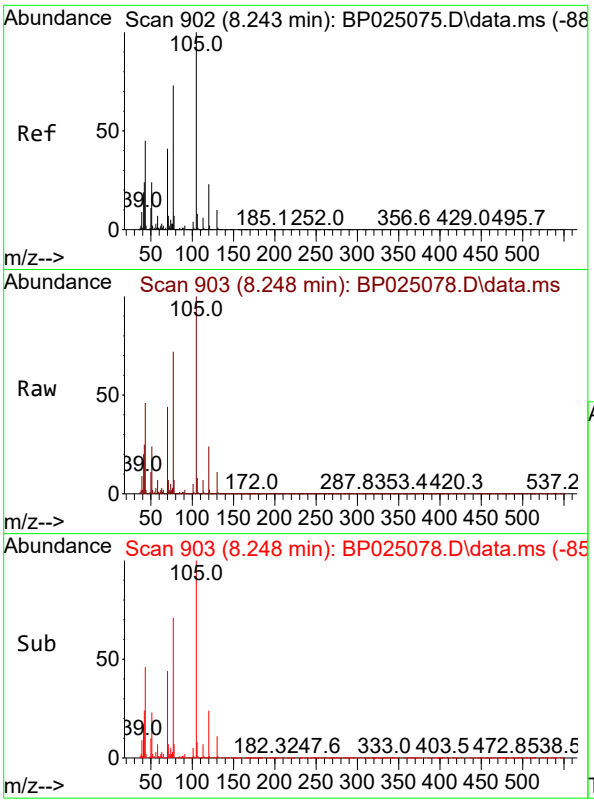


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.195 min Scan# 1234
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:136 Resp: 1662149

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



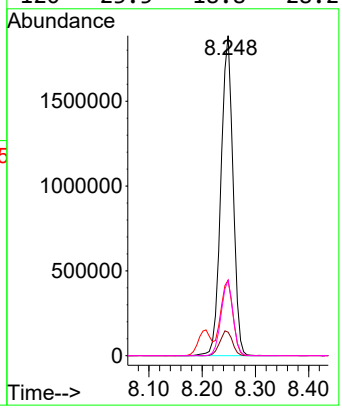


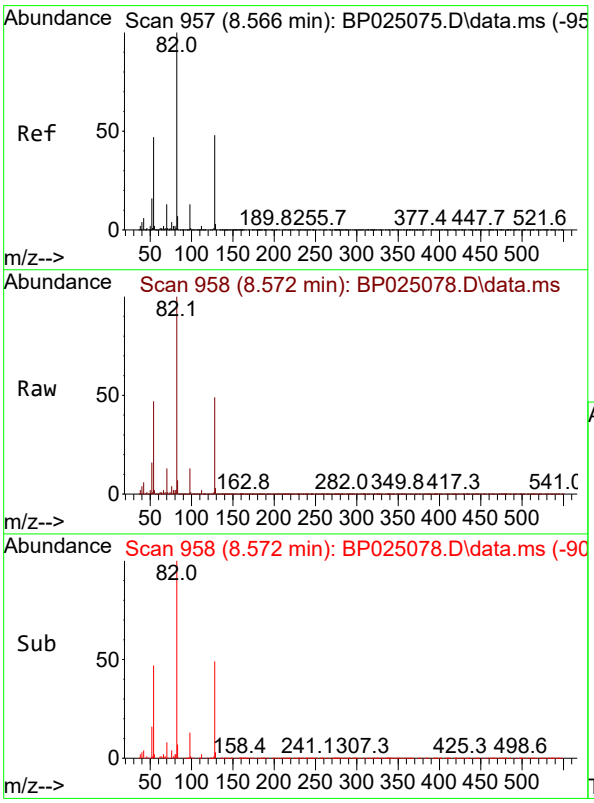
#22
Acetophenone
Concen: 75.663 ng
RT: 8.248 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:105 Resp: 2974255

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.4	8.2
51	23.6	19.6	29.4
120	23.5	18.8	28.2

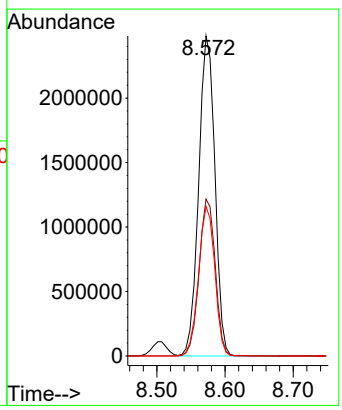


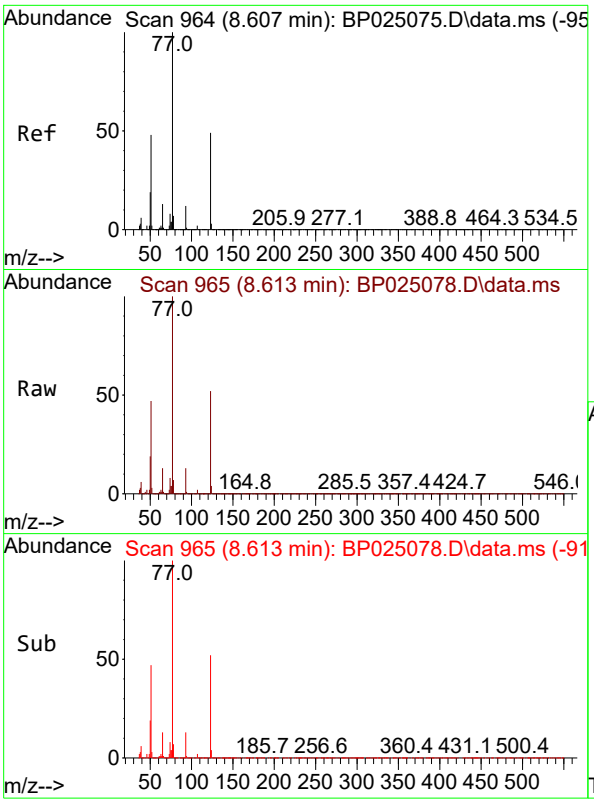


#23
Nitrobenzene-d5
Concen: 164.048 ng
RT: 8.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 82 Resp: 4100042

Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.4	57.6
54	46.7	37.8	56.6



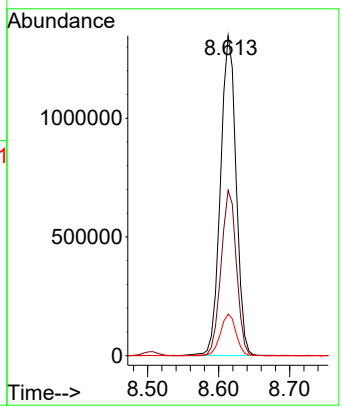


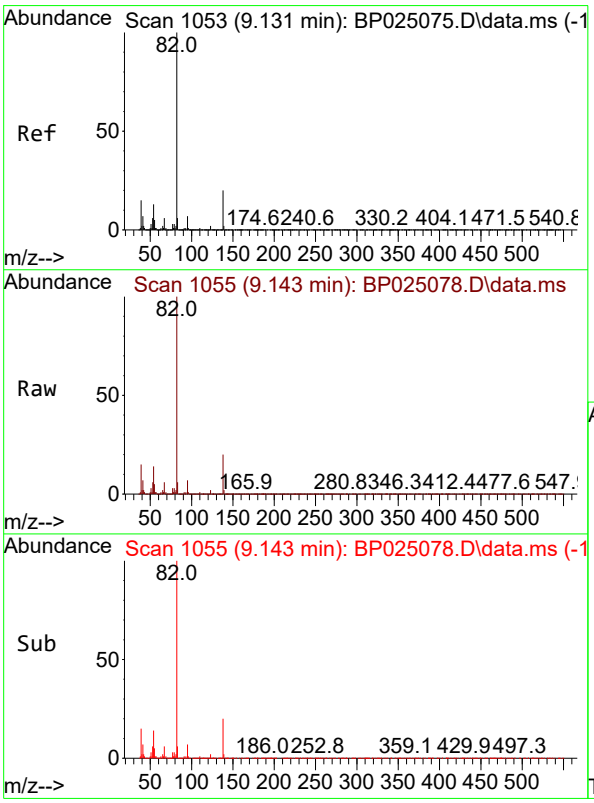
#24
Nitrobenzene
Concen: 80.522 ng
RT: 8.613 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 2049856

Ion	Ratio	Lower	Upper
77	100		
123	51.7	39.0	58.6
65	13.0	10.7	16.1

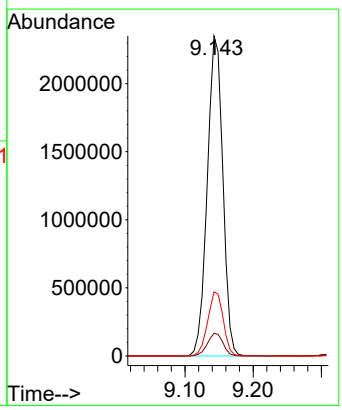


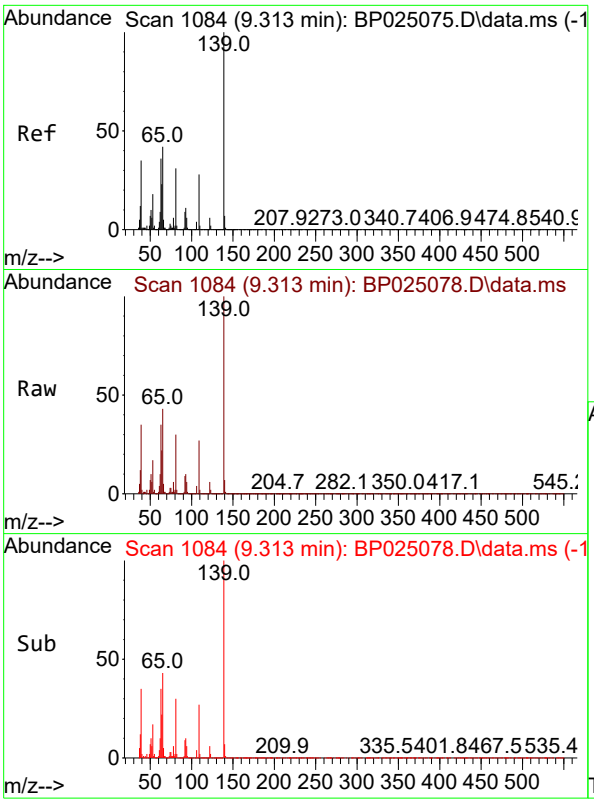


#25
Isophorone
Concen: 79.894 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 82 Resp: 3731607

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	20.0	15.7	23.5



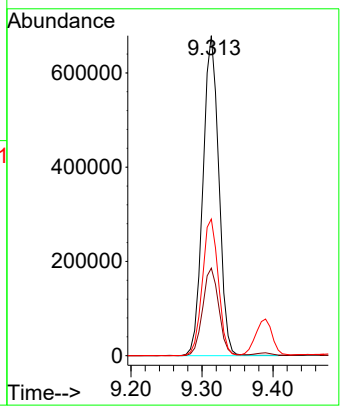


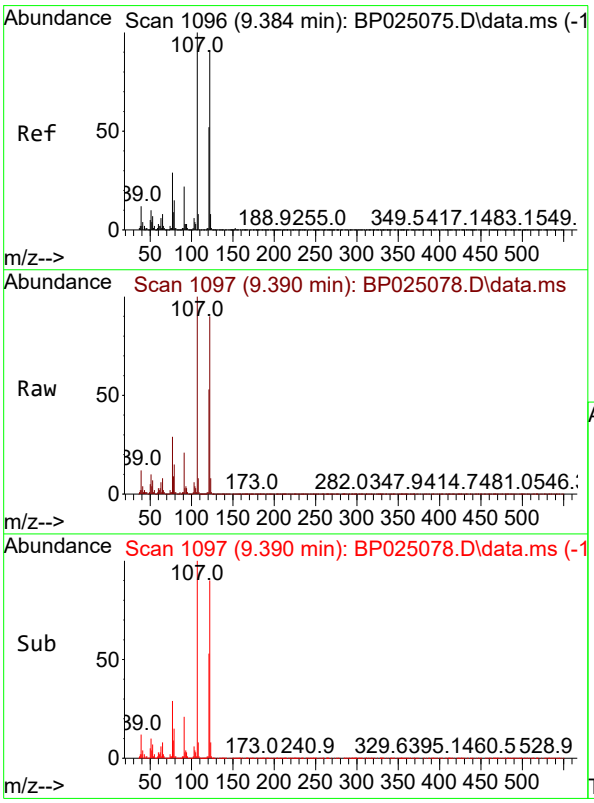
#26
2-Nitrophenol
Concen: 82.791 ng
RT: 9.313 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 1054507

Ion	Ratio	Lower	Upper
139	100		
109	27.3	22.3	33.5
65	42.7	33.8	50.8

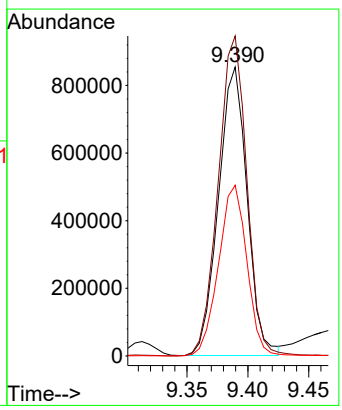


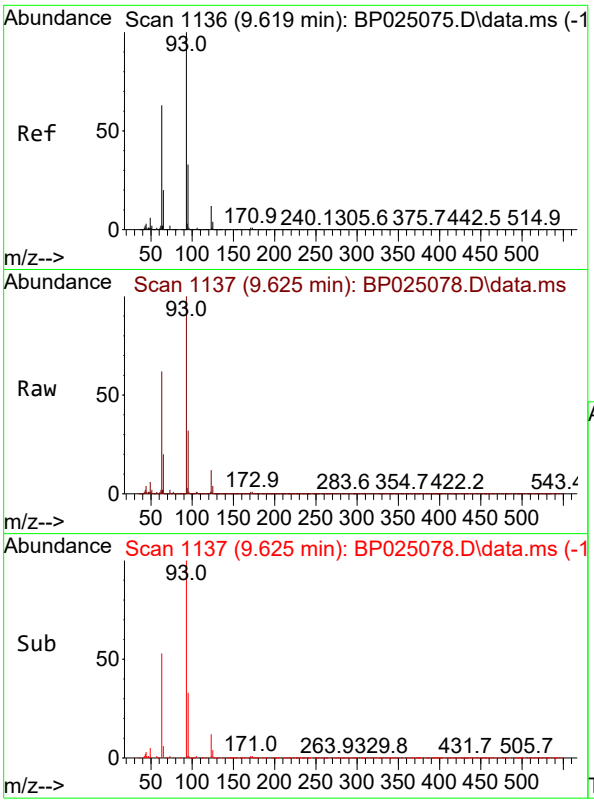


#27
2,4-Dimethylphenol
Concen: 80.180 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:122 Resp: 1396982

Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.2	132.2
121	59.1	46.1	69.1



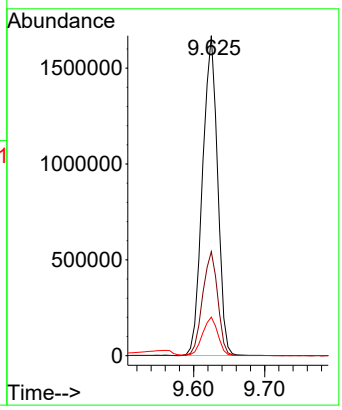


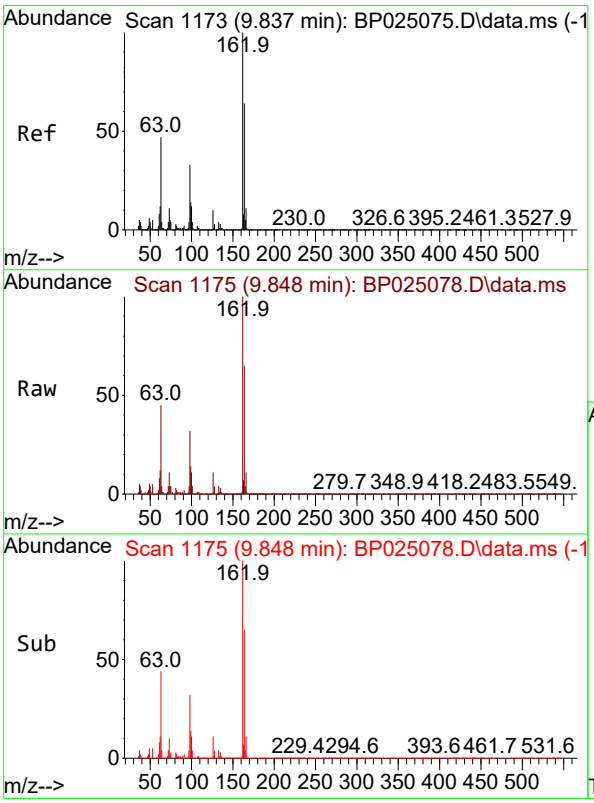
#28
bis(2-Chloroethoxy)methane
Concen: 77.809 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 2467631

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	12.1	10.1	15.1

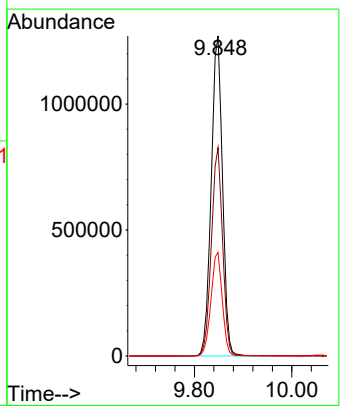


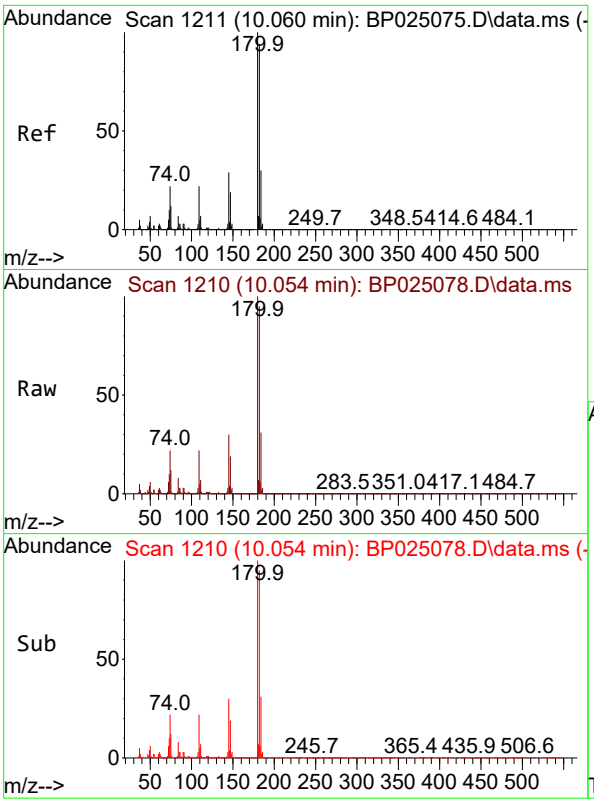


#29
2,4-Dichlorophenol
Concen: 84.268 ng
RT: 9.848 min Scan# 1175
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:162 Resp: 2035842

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.1	84.1
98	32.4	13.1	53.1



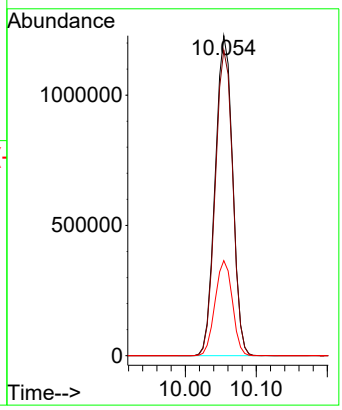


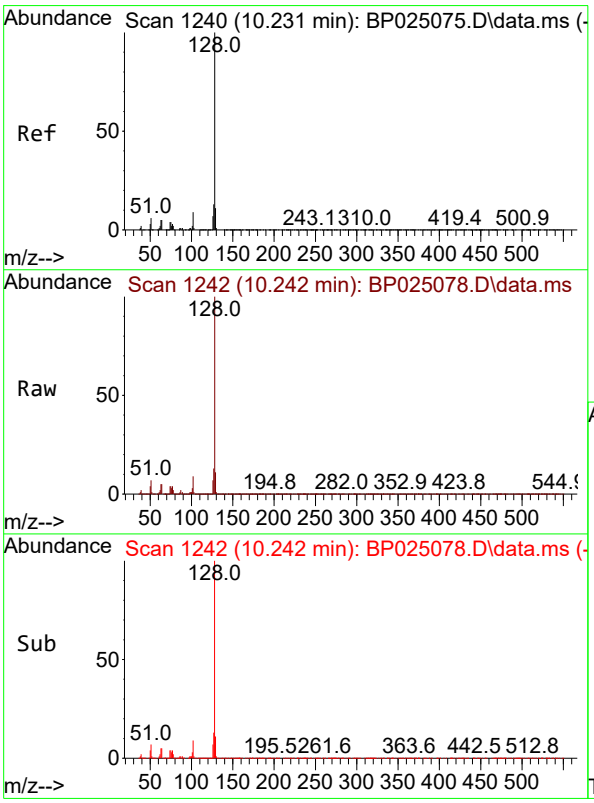
#30
1,2,4-Trichlorobenzene
Concen: 77.912 ng
RT: 10.054 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:180 Resp: 2084432

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.1	112.7
145	29.7	23.3	34.9

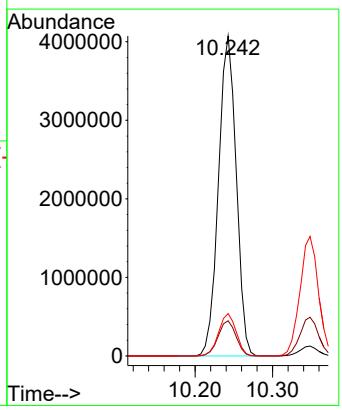


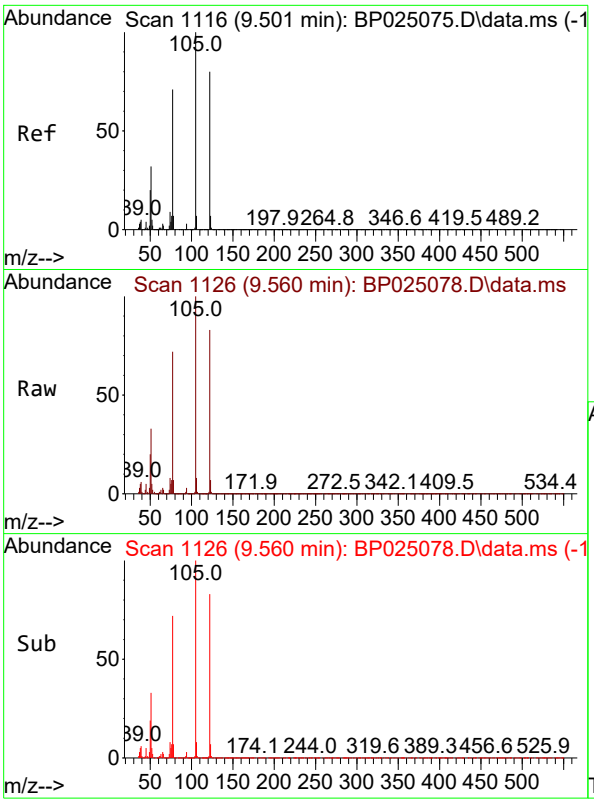


#31
Naphthalene
Concen: 75.773 ng
RT: 10.242 min Scan# 1242
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:128 Resp: 6485251

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.2	10.4	15.6



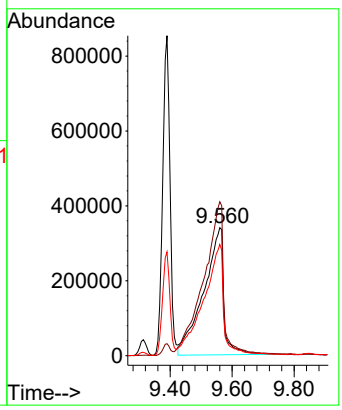


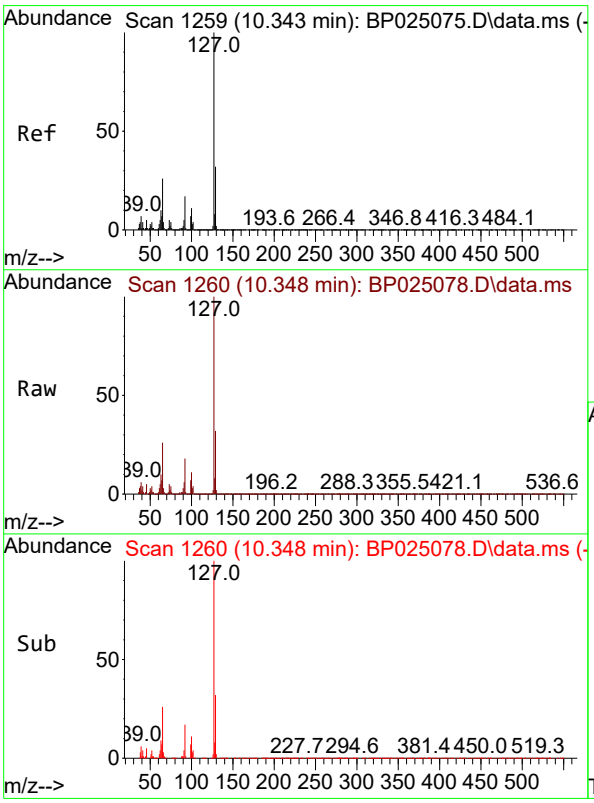
#32
Benzoic acid
Concen: 87.682 ng
RT: 9.560 min Scan# 11
Delta R.T. 0.059 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 1535999

Ion	Ratio	Lower	Upper
122	100		
105	120.2	101.0	141.0
77	86.8	67.6	107.6

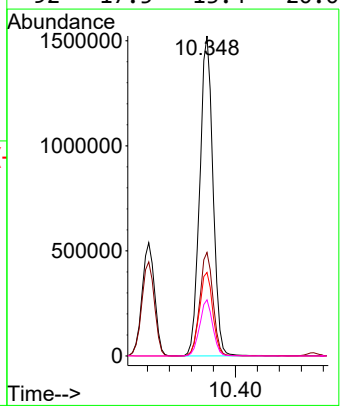


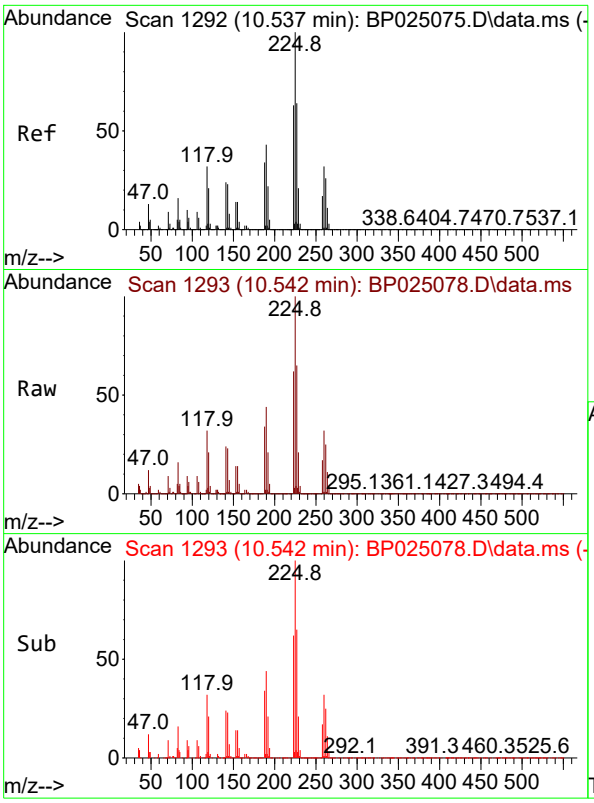


#33
4-Chloroaniline
Concen: 79.326 ng
RT: 10.348 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:127 Resp: 2533698

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	26.1	21.0	31.6
92	17.5	13.4	20.0



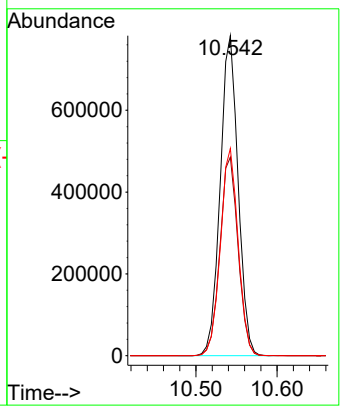


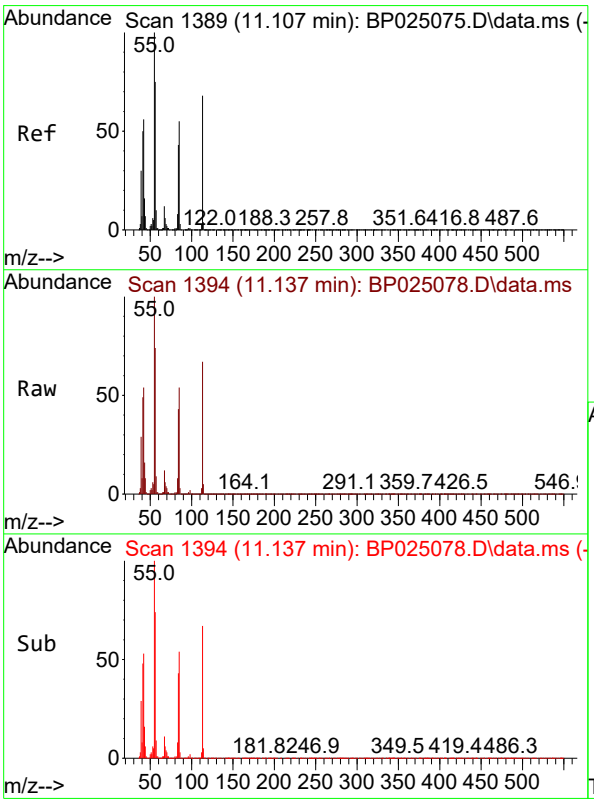
#34
Hexachlorobutadiene
Concen: 78.059 ng
RT: 10.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:225 Resp: 1198440

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	64.8	51.3	76.9

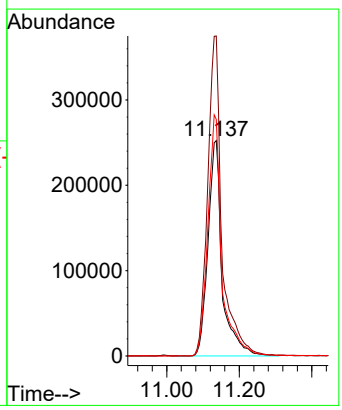


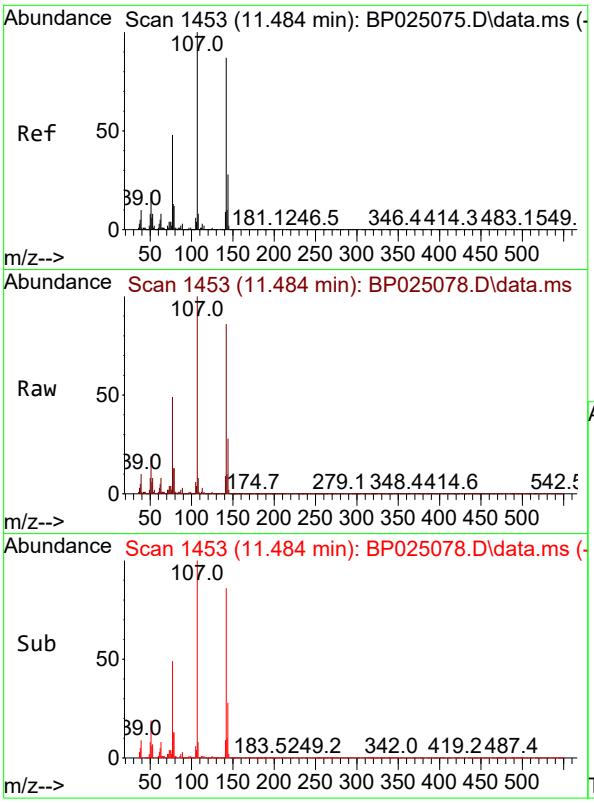


#35
Caprolactam
Concen: 82.158 ng
RT: 11.137 min Scan# 1394
Delta R.T. 0.029 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:113 Resp: 679020

Ion	Ratio	Lower	Upper
113	100		
55	148.6	128.1	168.1
56	109.9	90.7	130.7



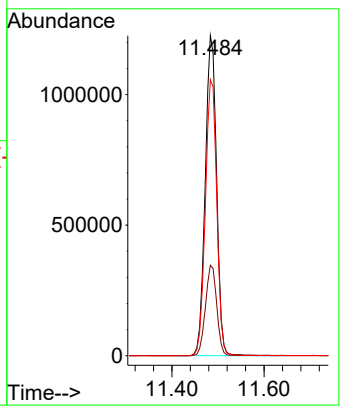


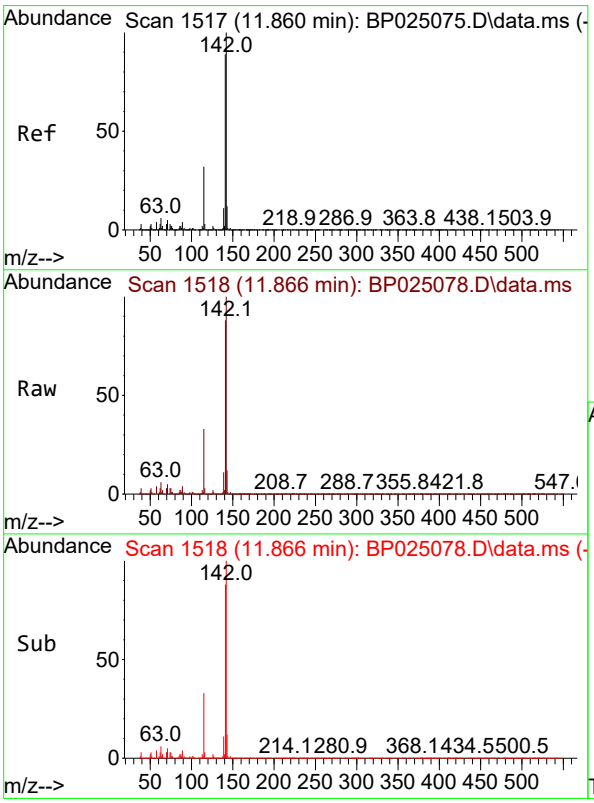
#36
4-Chloro-3-methylphenol
Concen: 83.296 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 2102953

Ion	Ratio	Lower	Upper
107	100		
144	28.2	22.4	33.6
142	86.3	69.6	104.4

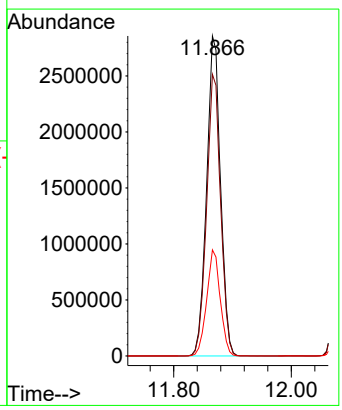


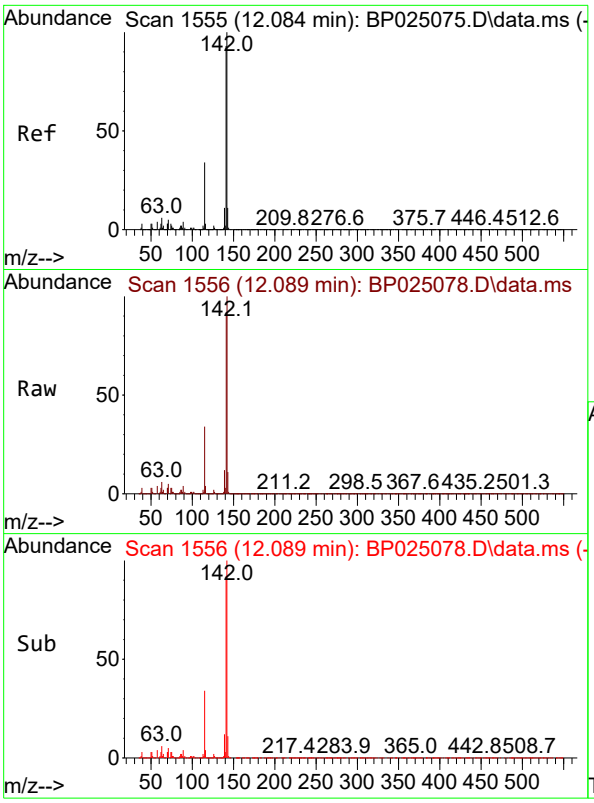


#37
2-Methylnaphthalene
Concen: 77.683 ng
RT: 11.866 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:142 Resp: 4691171

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.2	106.8
115	33.1	25.9	38.9



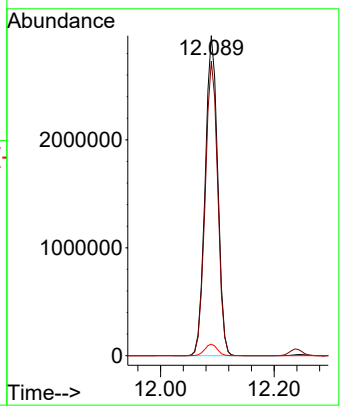


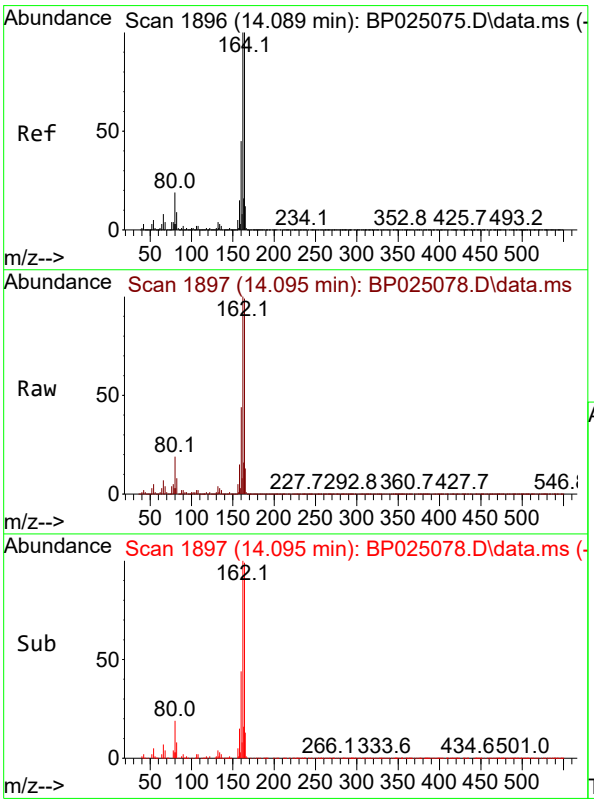
#38
1-Methylnaphthalene
Concen: 76.564 ng
RT: 12.089 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 4509252

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.1	111.1
116	3.6	2.7	4.1

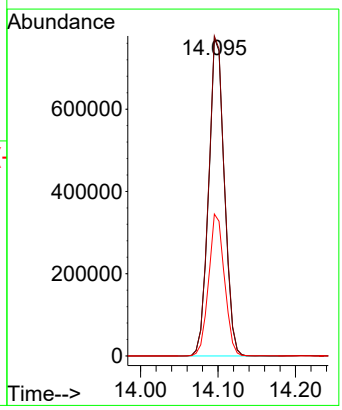


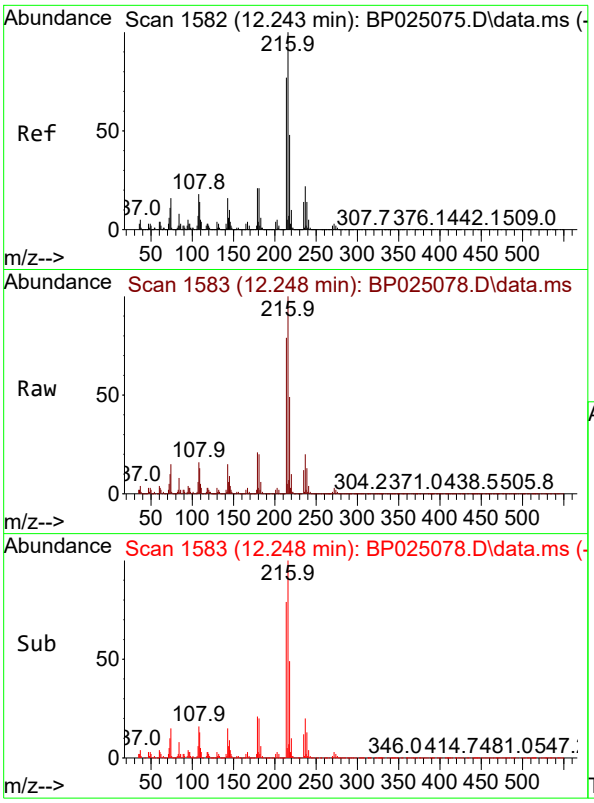


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:164 Resp: 1084696

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.3	120.5
160	44.6	35.9	53.9



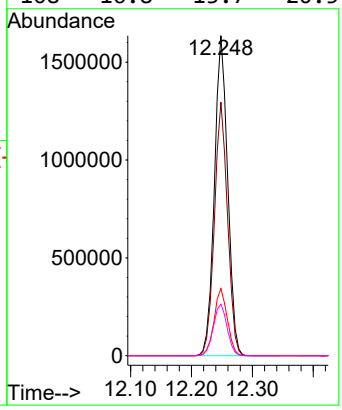


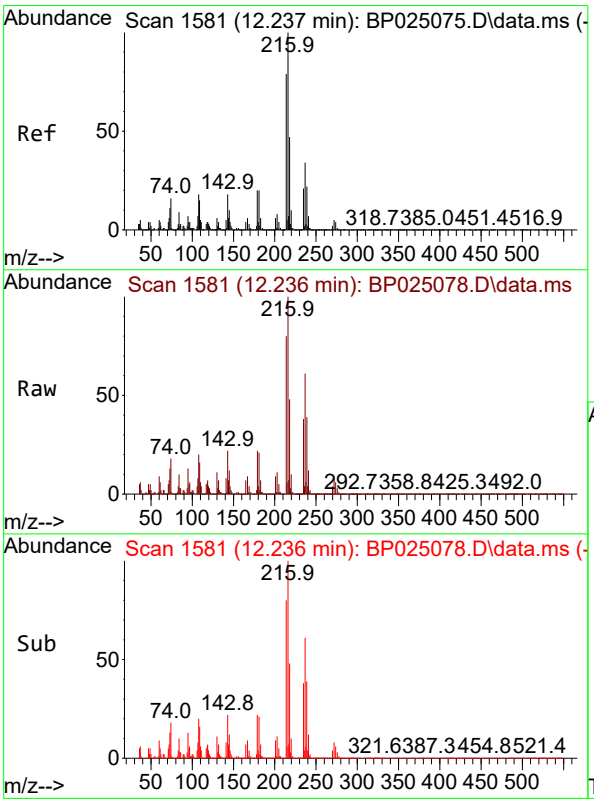
#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.996 ng
RT: 12.248 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:216 Resp: 2462639

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.4	93.6
179	20.9	16.5	24.7
108	16.8	13.7	20.5

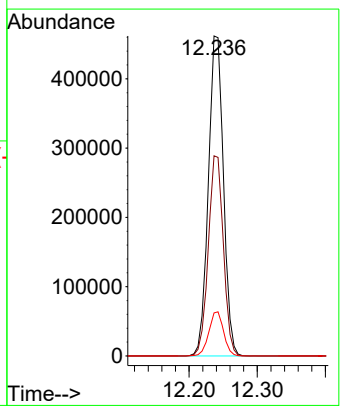


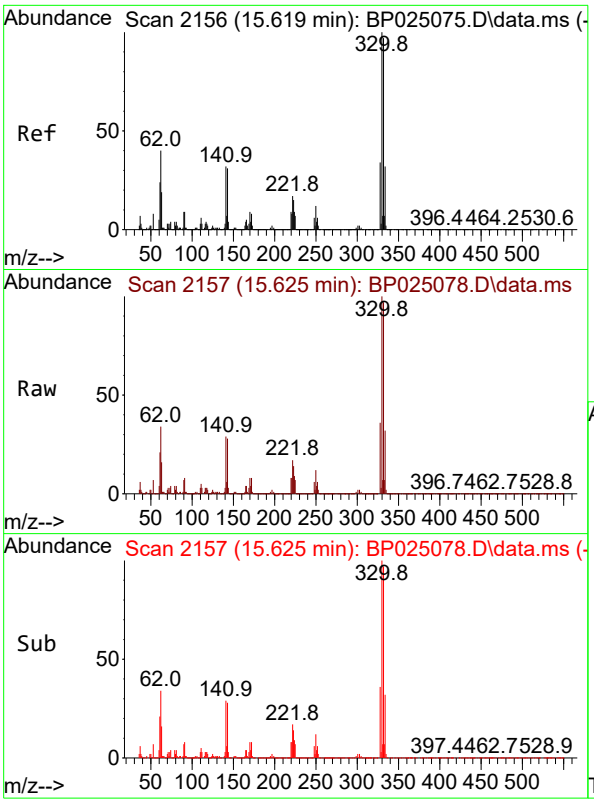


#41
Hexachlorocyclopentadiene
Concen: 87.336 ng
RT: 12.236 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:237 Resp: 711159

Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.6	81.6
272	13.4	0.0	33.6



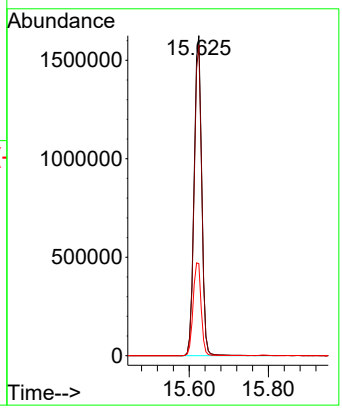


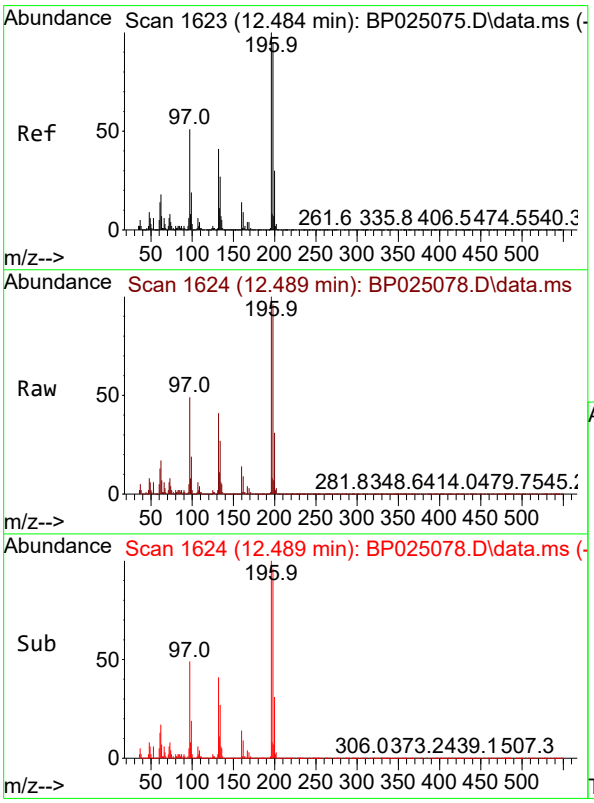
#42
2,4,6-Tribromophenol
Concen: 168.702 ng
RT: 15.625 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:330 Resp: 2161722

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	30.7	26.0	39.0

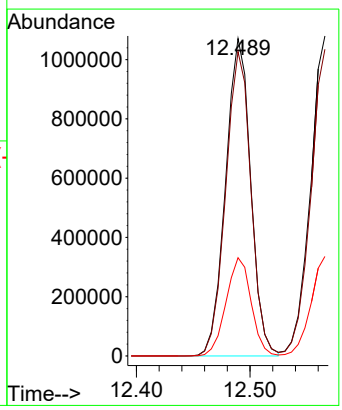


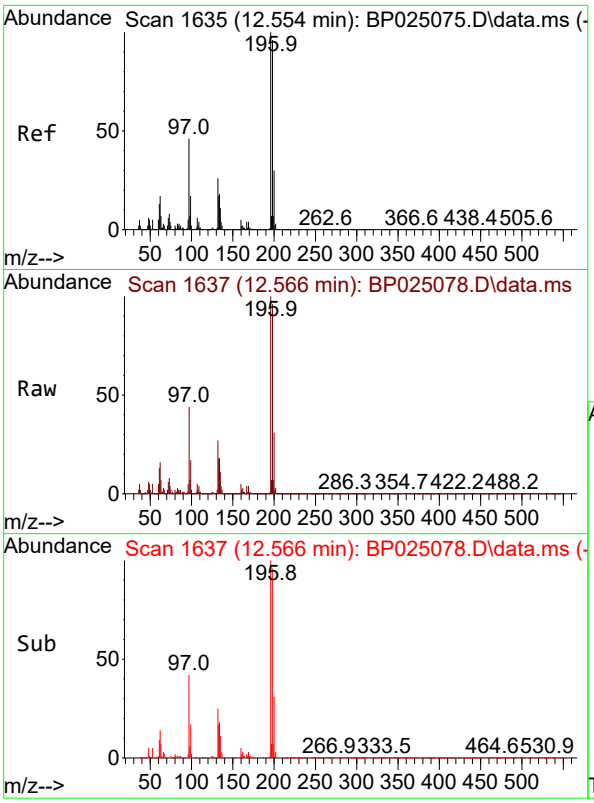


#43
2,4,6-Trichlorophenol
Concen: 87.227 ng
RT: 12.489 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:196 Resp: 1646539

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
200	31.0	24.3	36.5



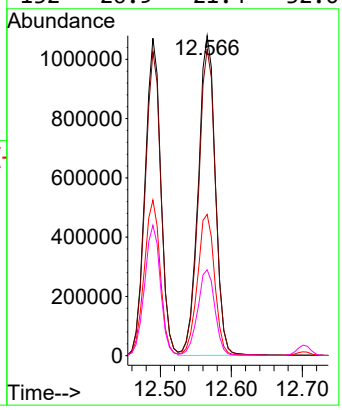


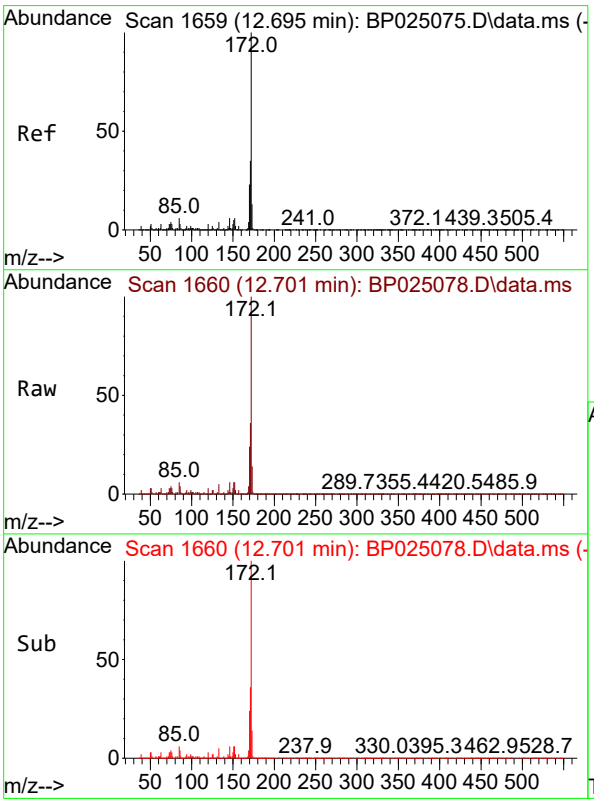
#44
2,4,5-Trichlorophenol
Concen: 84.432 ng
RT: 12.566 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1806219

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
97	44.1	36.6	55.0
132	26.9	21.4	32.0

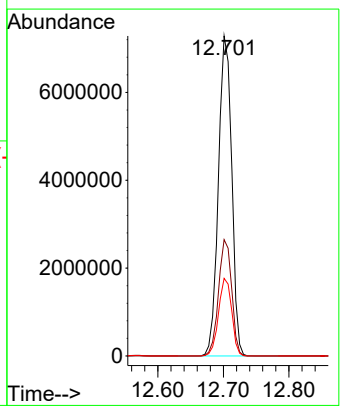


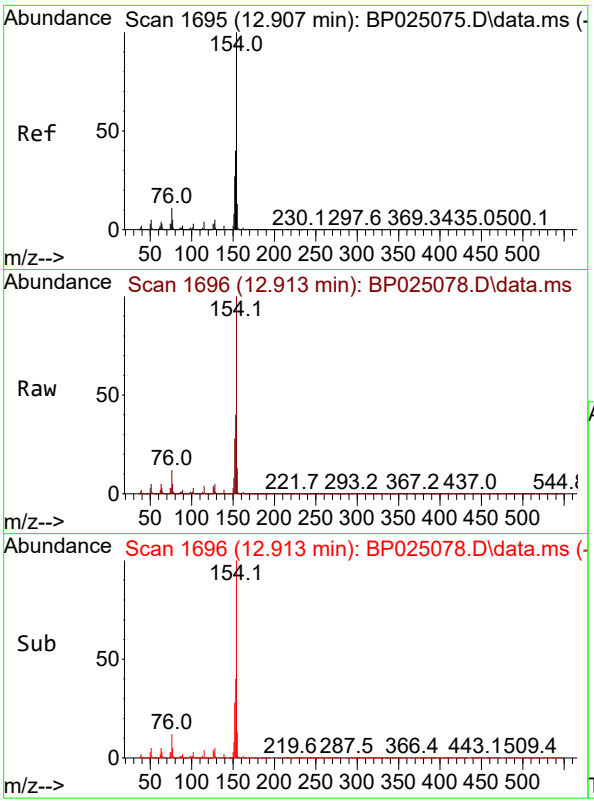


#45
2-Fluorobiphenyl
Concen: 145.859 ng
RT: 12.701 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:172 Resp:10212772

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.2
170	24.2	18.7	28.1



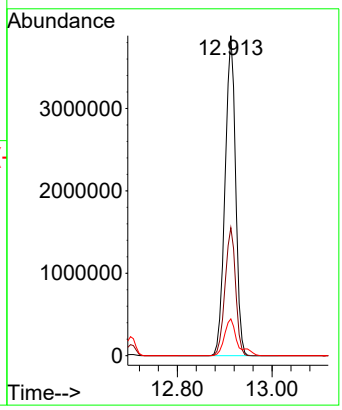


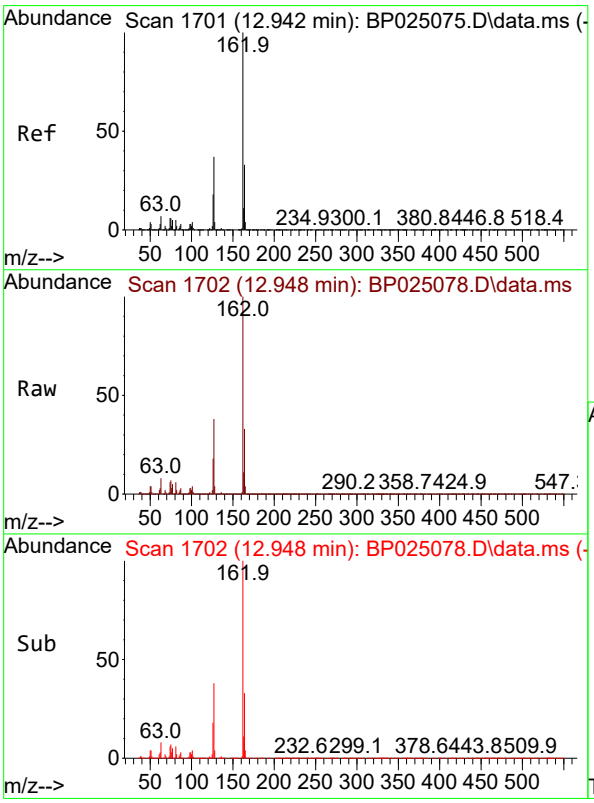
#46
1,1'-Biphenyl
Concen: 75.863 ng
RT: 12.913 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 5987203

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	11.5	0.0	31.5

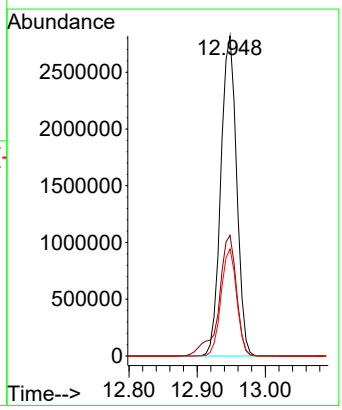


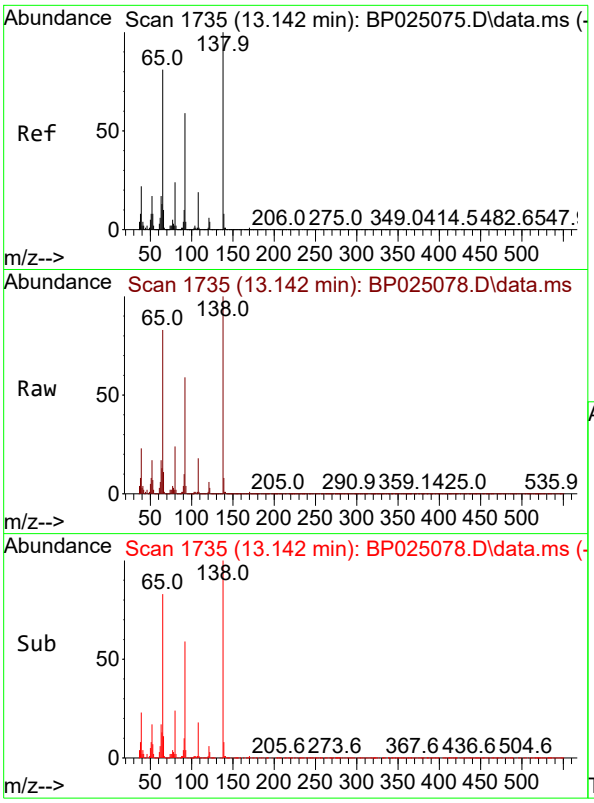


#47
2-Chloronaphthalene
Concen: 76.620 ng
RT: 12.948 min Scan# 1702
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:162 Resp: 4544953

Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.4	44.2
164	33.5	26.4	39.6



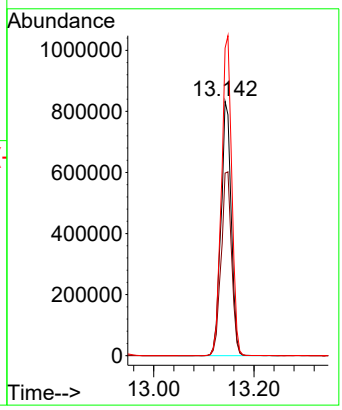


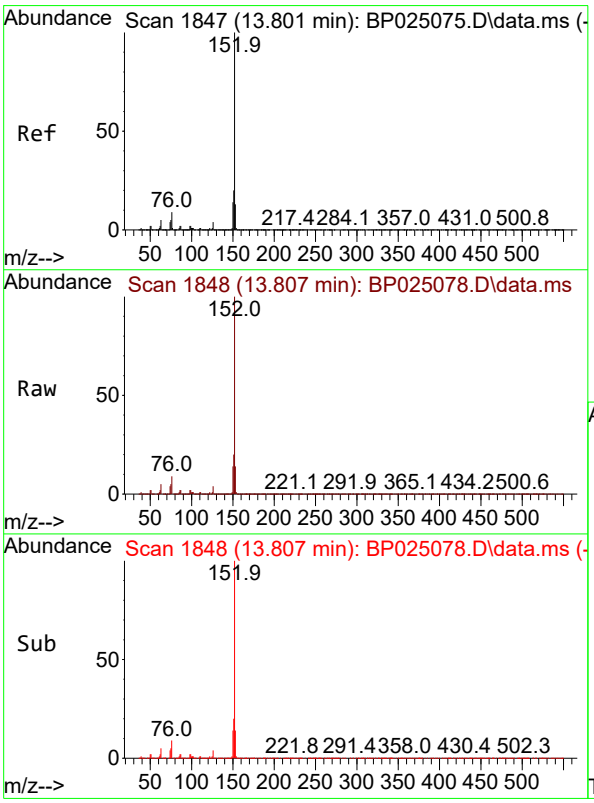
#48
2-Nitroaniline
Concen: 79.706 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 65 Resp: 1186338

Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.7	88.1
138	120.9	99.0	148.4

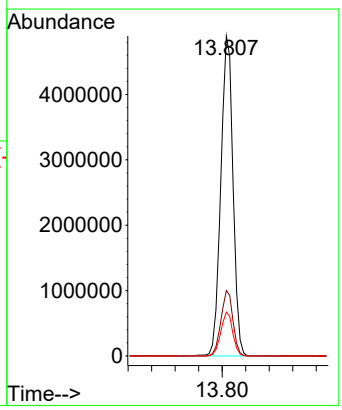


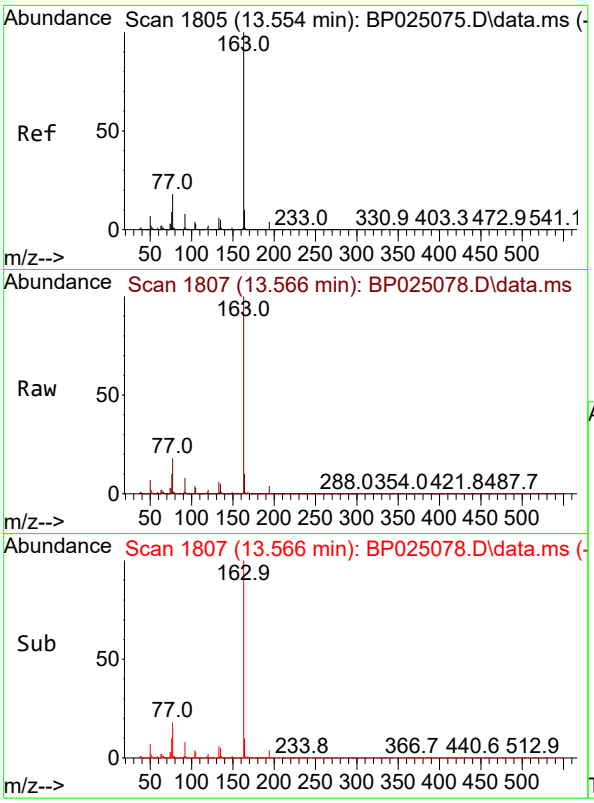


#49
Acenaphthylene
Concen: 77.402 ng
RT: 13.807 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:152 Resp: 7027119

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.7	10.7	16.1



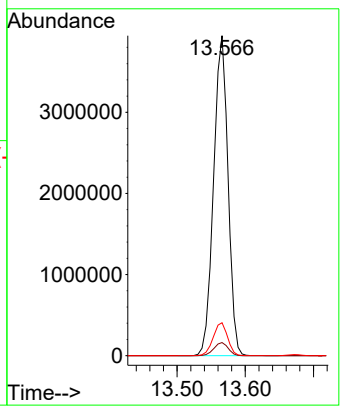


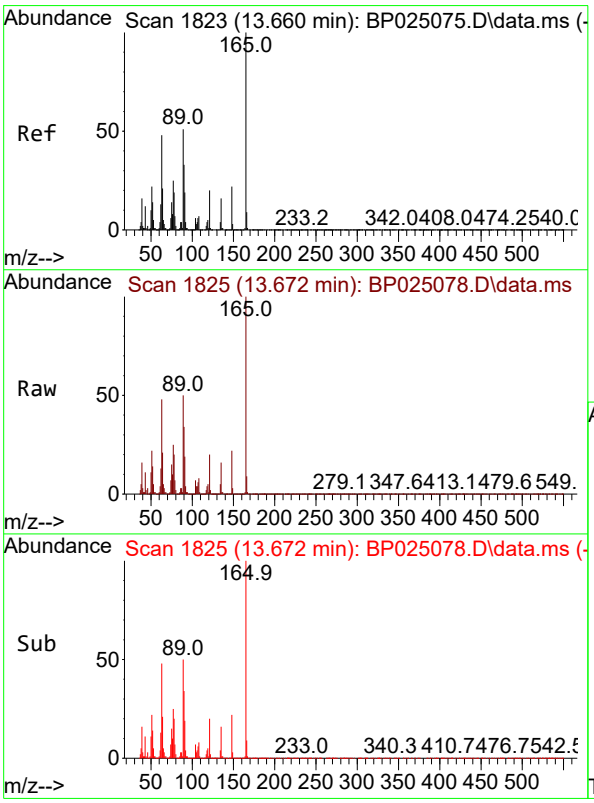
#50
Dimethylphthalate
Concen: 76.378 ng
RT: 13.566 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 5799322

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.0	12.0

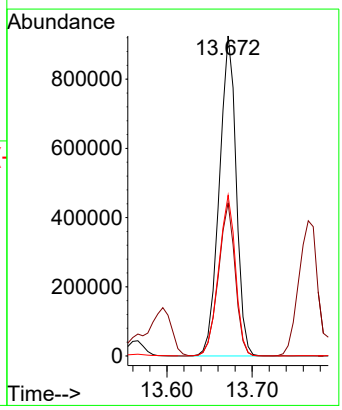


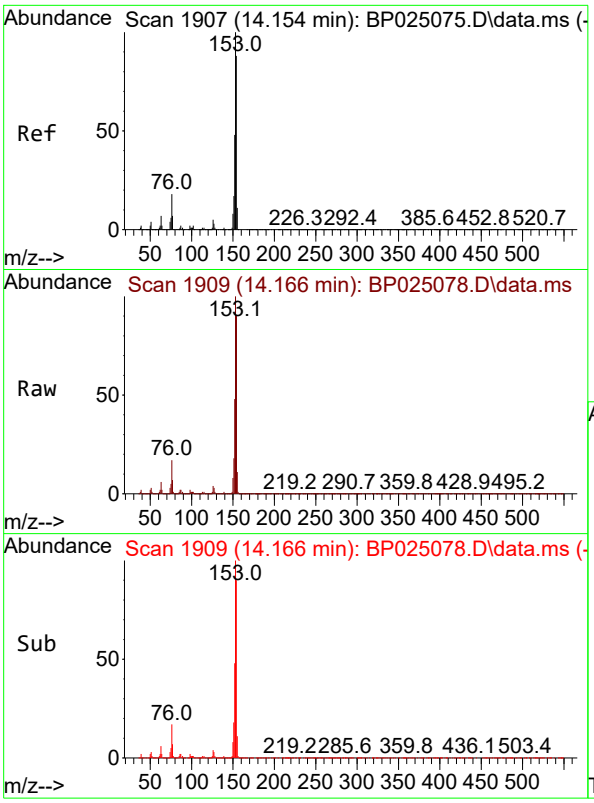


#51
2,6-Dinitrotoluene
Concen: 86.048 ng
RT: 13.672 min Scan# 1825
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:165 Resp: 1274236

Ion	Ratio	Lower	Upper
165	100		
63	47.8	38.5	57.7
89	50.2	40.6	61.0



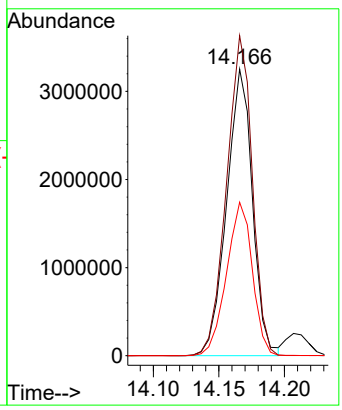


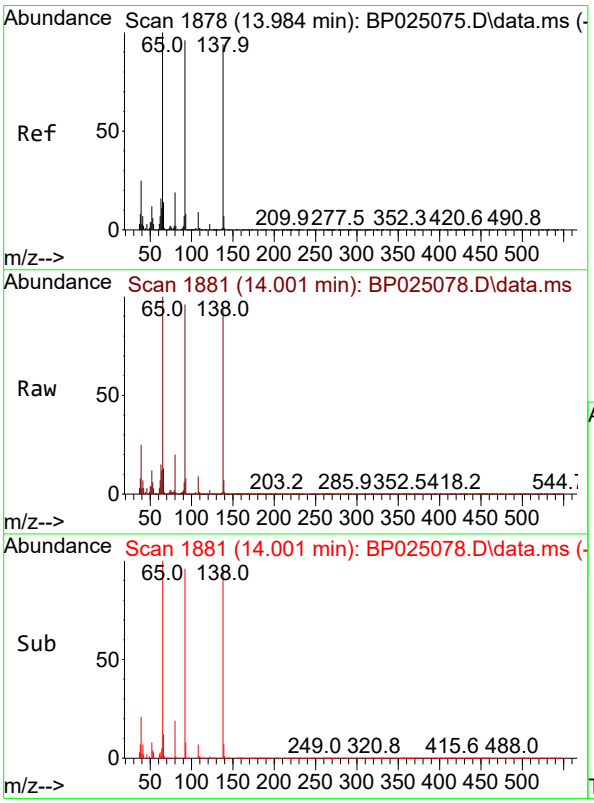
#52
Acenaphthene
Concen: 76.130 ng
RT: 14.166 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 4454631

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.6	136.0
152	53.6	43.8	65.8

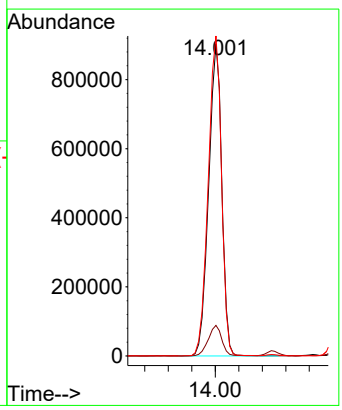


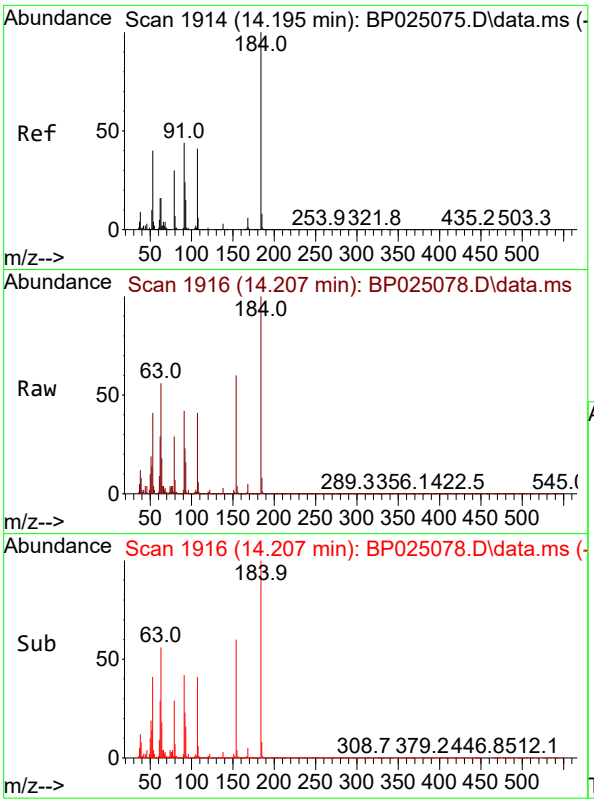


#53
3-Nitroaniline
Concen: 88.191 ng
RT: 14.001 min Scan# 1881
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:138 Resp: 1399587

Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.8
92	102.6	81.0	121.4



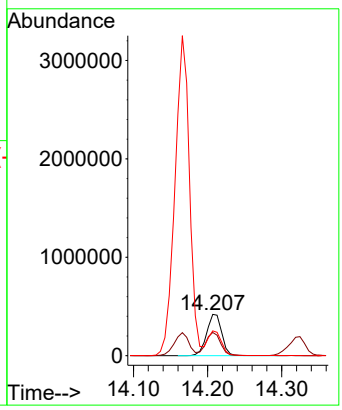


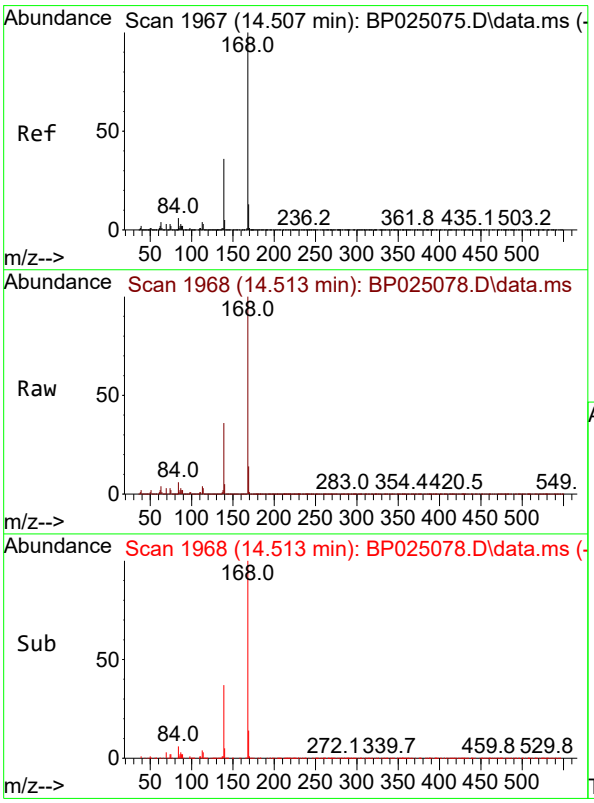
#54
2,4-Dinitrophenol
Concen: 81.781 ng
RT: 14.207 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 592801

Ion	Ratio	Lower	Upper
184	100		
63	56.4	47.4	71.0
154	60.2	47.8	71.8

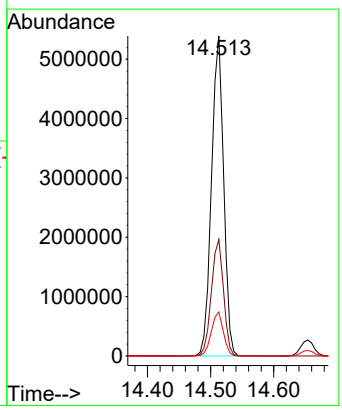


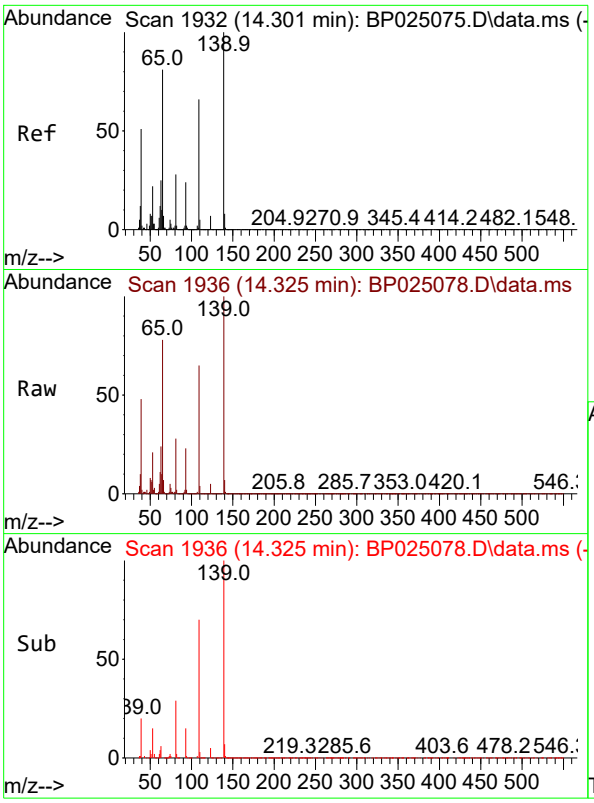


#55
Dibenzofuran
Concen: 74.338 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:168 Resp: 7178793

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.7	10.7	16.1



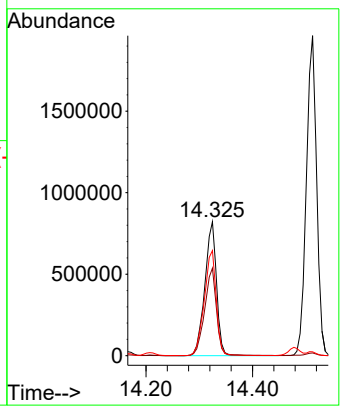


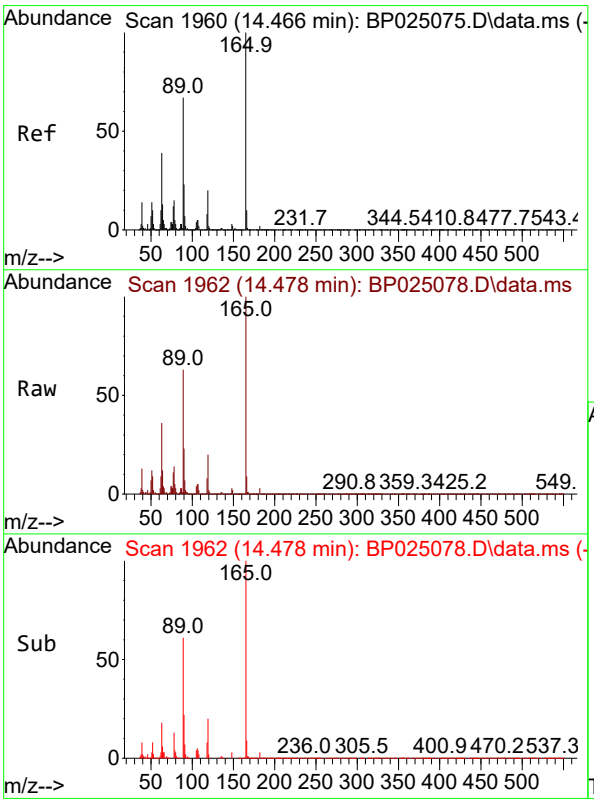
#56
4-Nitrophenol
Concen: 85.486 ng
RT: 14.325 min Scan# 1
Delta R.T. 0.023 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 1251984

Ion	Ratio	Lower	Upper
139	100		
109	65.3	45.9	85.9
65	78.5	61.4	101.4

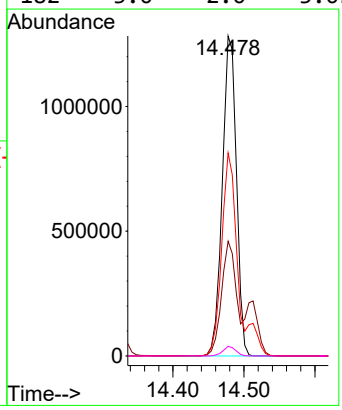


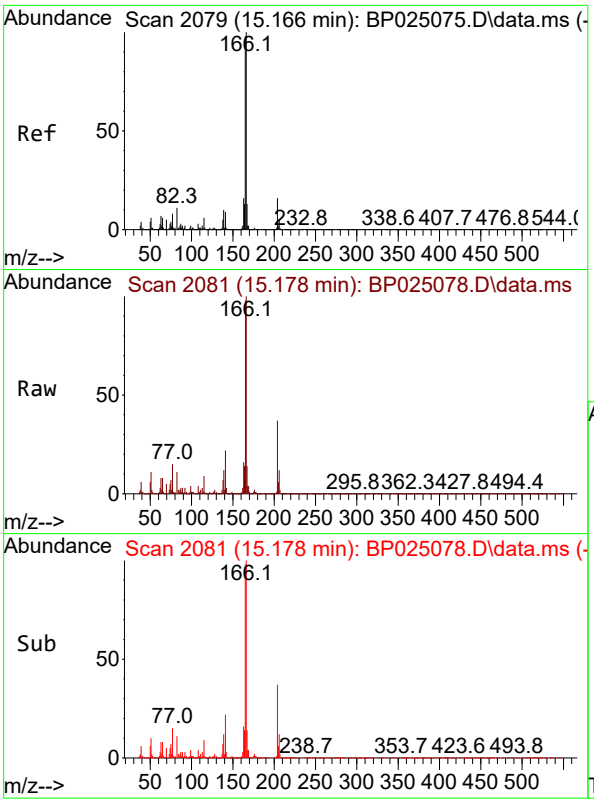


#57
2,4-Dinitrotoluene
Concen: 79.166 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:165 Resp: 1759928

Ion	Ratio	Lower	Upper
165	100		
63	35.9	31.0	46.4
89	63.4	53.4	80.0
182	3.0	2.0	3.0#



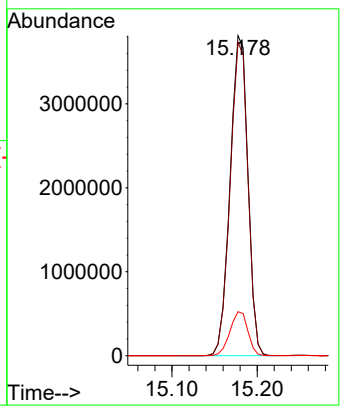


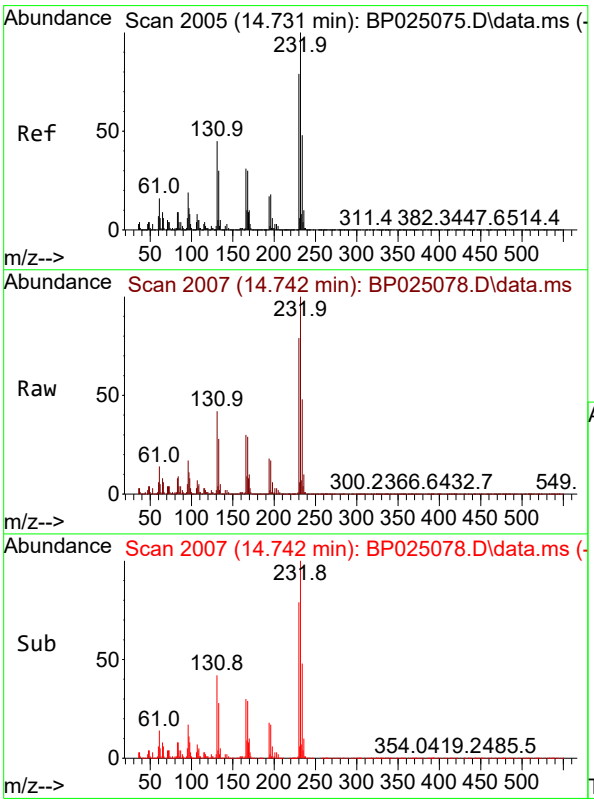
#58
Fluorene
Concen: 74.216 ng
RT: 15.178 min Scan# 2(
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:166 Resp: 5543506

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	13.8	10.7	16.1

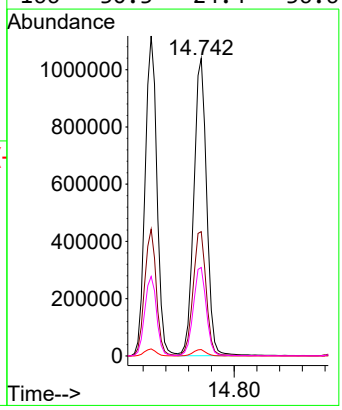


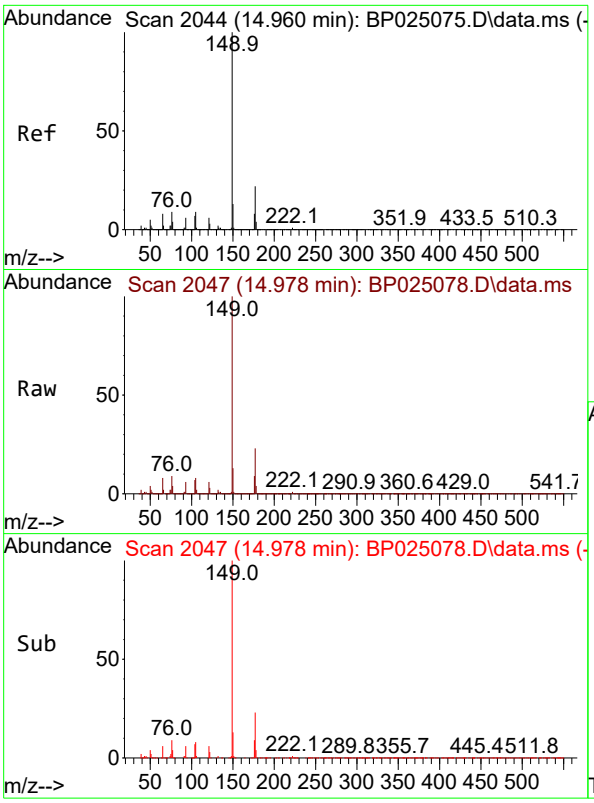


#59
2,3,4,6-Tetrachlorophenol
Concen: 84.370 ng
RT: 14.742 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:232 Resp: 1634442

Ion	Ratio	Lower	Upper
232	100		
131	42.5	35.7	53.5
130	2.1	1.8	2.6
166	30.3	24.4	36.6



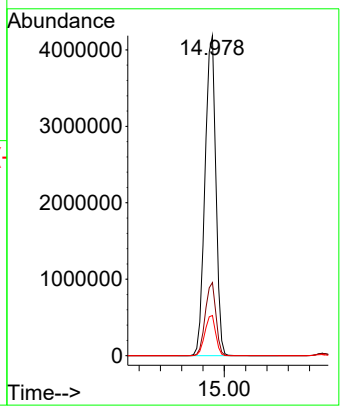


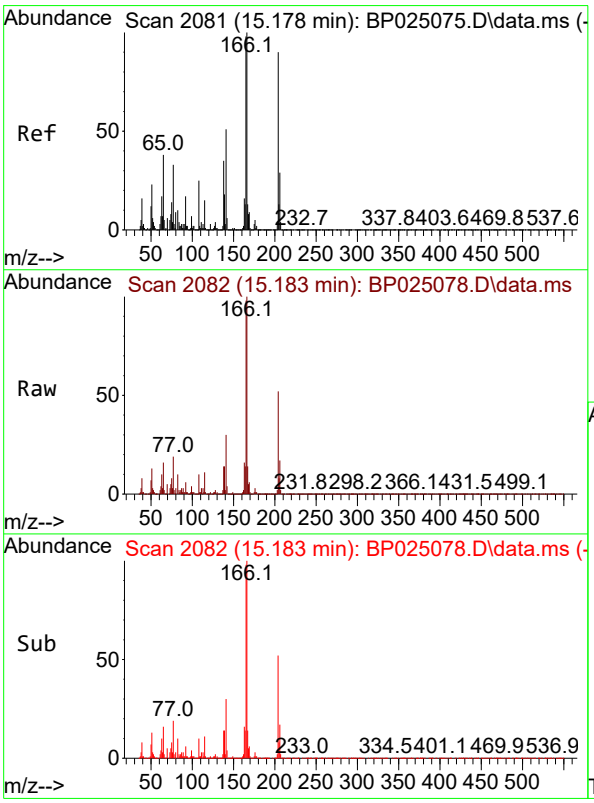
#60
Diethylphthalate
Concen: 77.254 ng
RT: 14.978 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 5891551

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.8
150	12.6	10.2	15.2

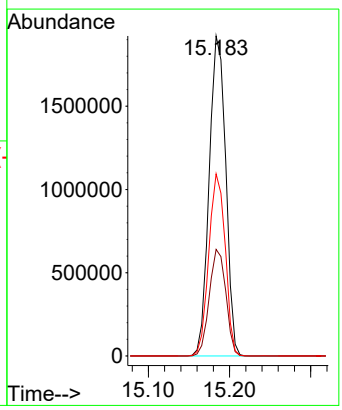


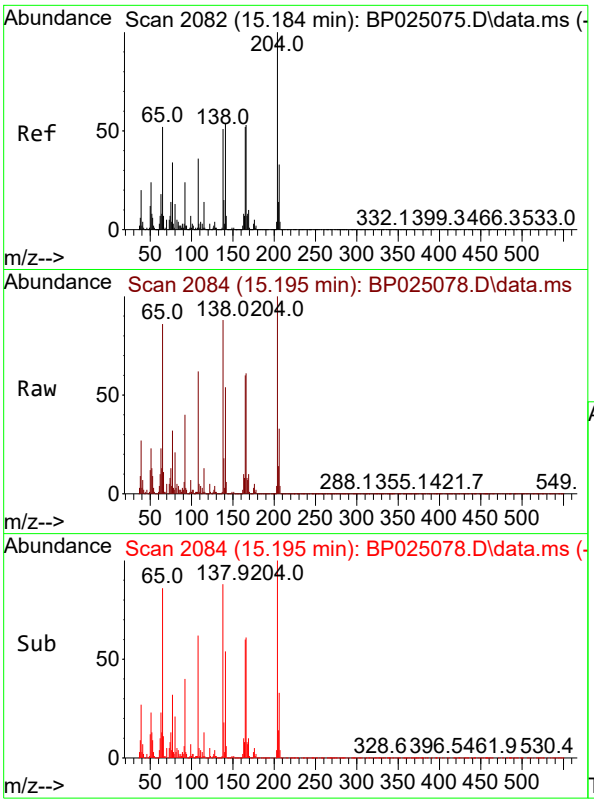


#61
4-Chlorophenyl-phenylether
Concen: 73.523 ng
RT: 15.183 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:204 Resp: 2717790

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	56.9	45.1	67.7



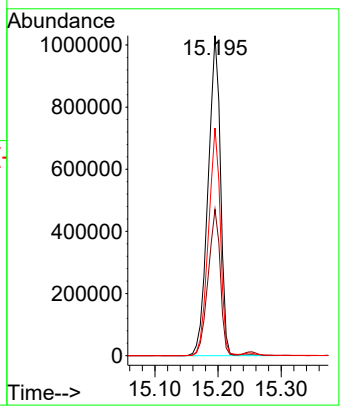


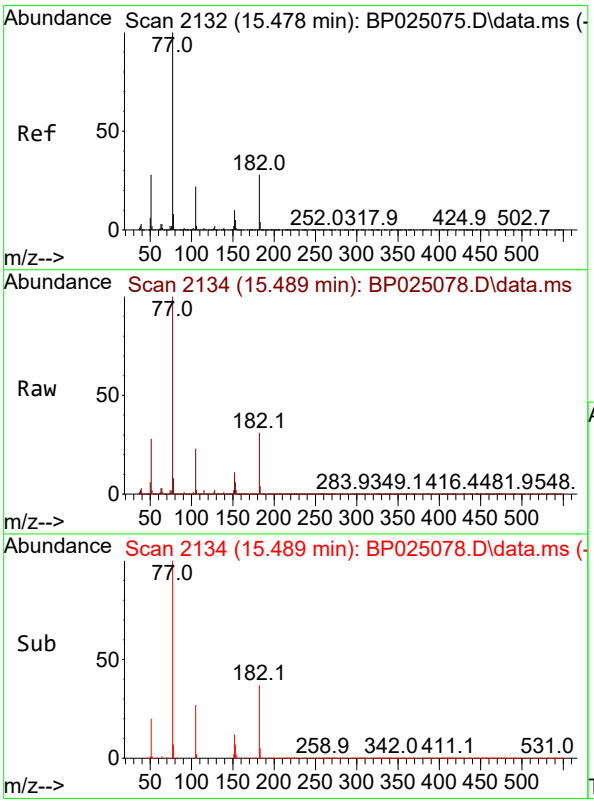
#62
4-Nitroaniline
Concen: 84.376 ng
RT: 15.195 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 1404085

Ion	Ratio	Lower	Upper
138	100		
92	45.7	26.0	66.0
108	71.1	50.0	90.0

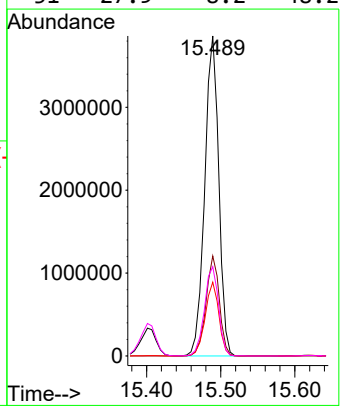


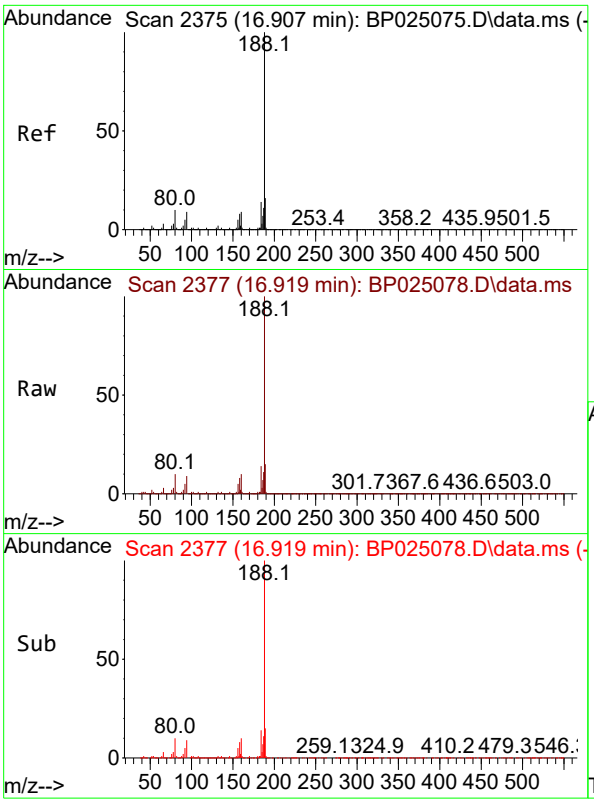


#63
Azobenzene
Concen: 74.798 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion: 77 Resp: 5079474

Ion	Ratio	Lower	Upper
77	100		
182	31.2	7.7	47.7
105	23.1	1.9	41.9
51	27.9	8.2	48.2



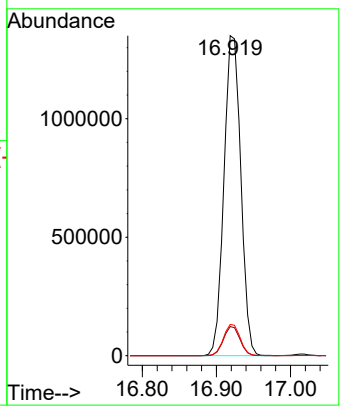


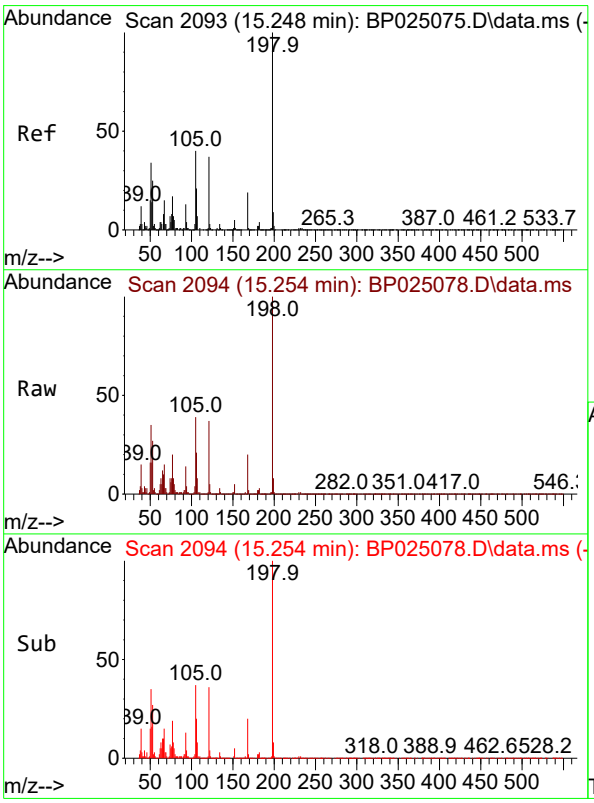
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:188 Resp: 2129464

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	9.8	7.8	11.6

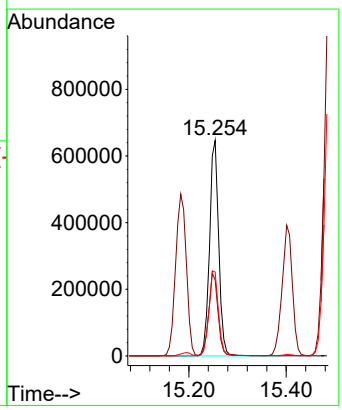


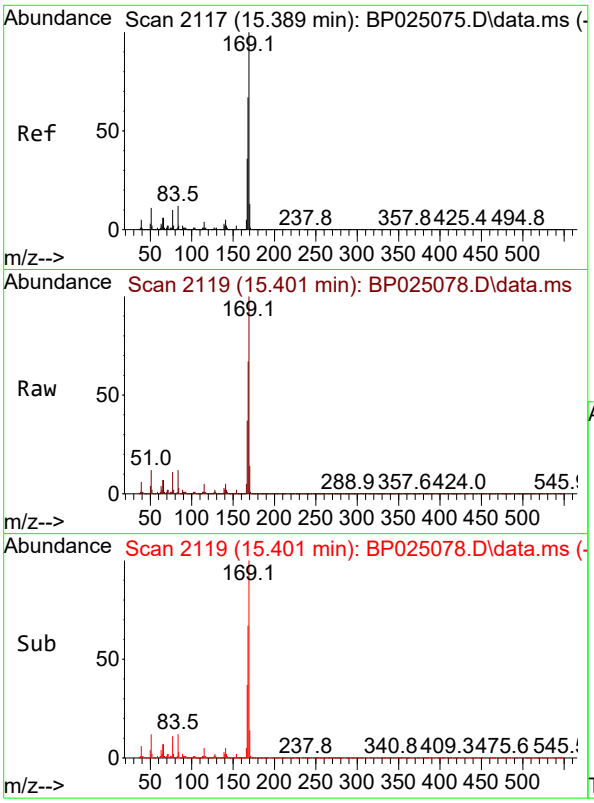


#65
4,6-Dinitro-2-methylphenol
Concen: 81.907 ng
RT: 15.254 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:198 Resp: 836918

Ion	Ratio	Lower	Upper
198	100		
51	35.3	16.8	56.8
105	39.0	20.8	60.8



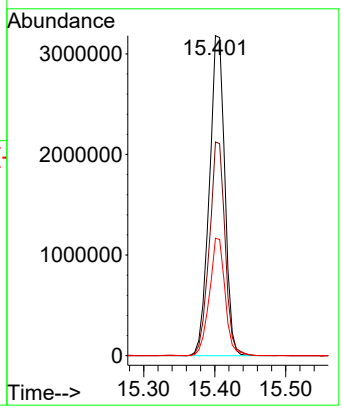


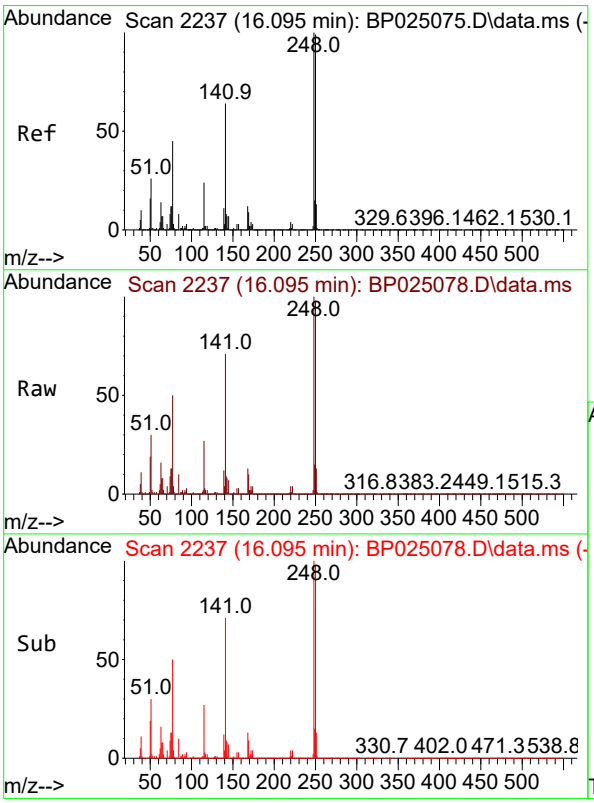
#66
n-Nitrosodiphenylamine
Concen: 79.024 ng
RT: 15.401 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:169 Resp: 4815876

Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	36.7	29.0	43.6

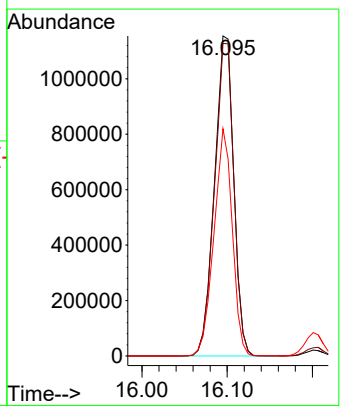


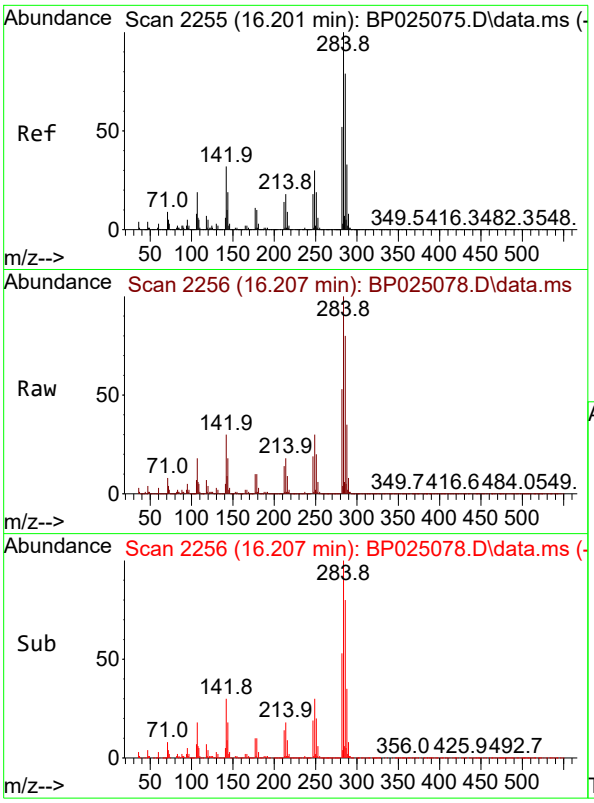


#67
4-Bromophenyl-phenylether
Concen: 83.140 ng
RT: 16.095 min Scan# 2237
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:248 Resp: 1812737

Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.4	119.2
141	71.0	51.4	77.0



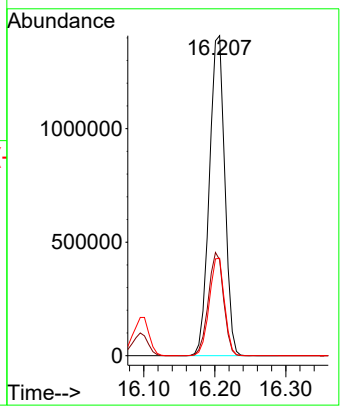


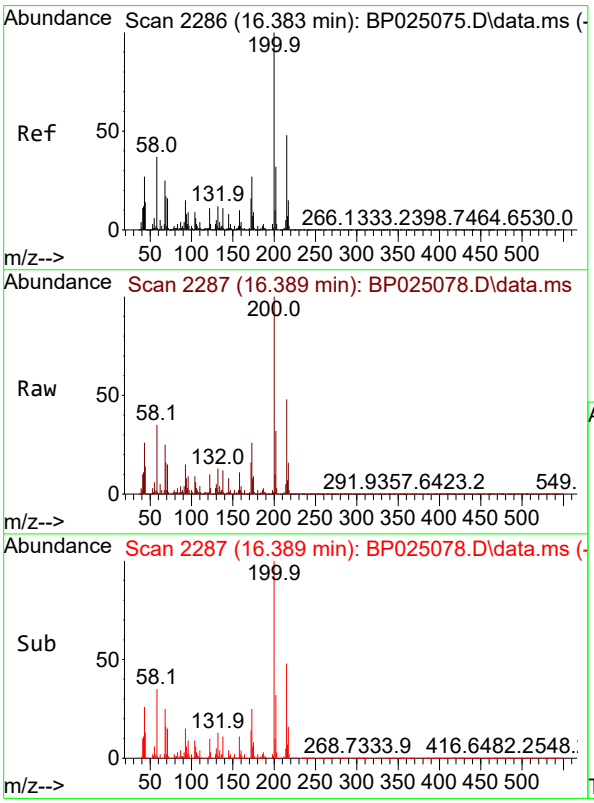
#68
Hexachlorobenzene
Concen: 79.660 ng
RT: 16.207 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 2122928

Ion	Ratio	Lower	Upper
284	100		
142	30.0	25.9	38.9
249	30.5	23.8	35.8

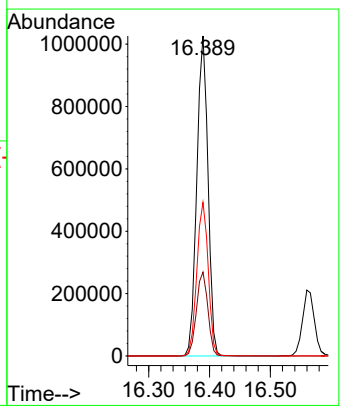


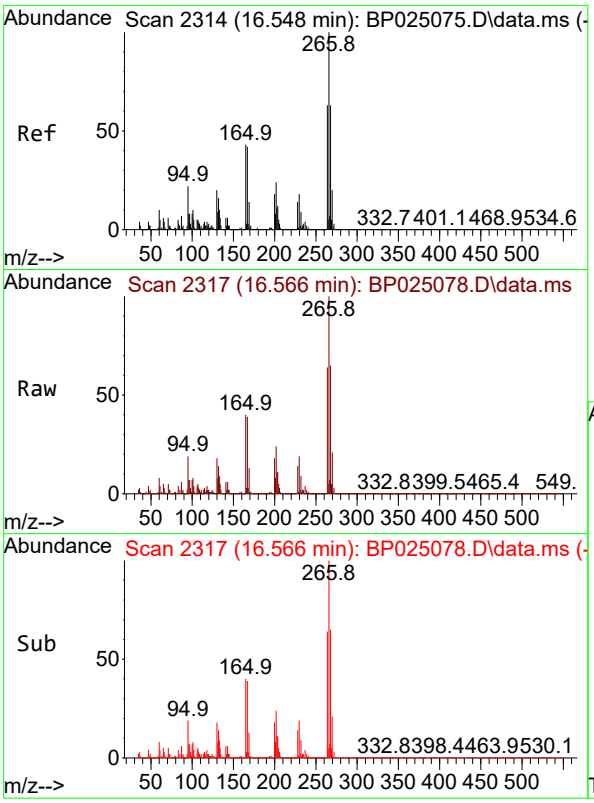


#69
Atrazine
Concen: 73.469 ng
RT: 16.389 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:200 Resp: 1312003

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	48.0	28.0	68.0



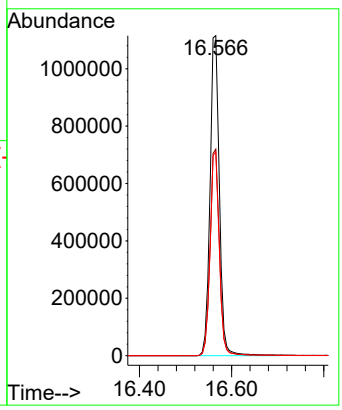


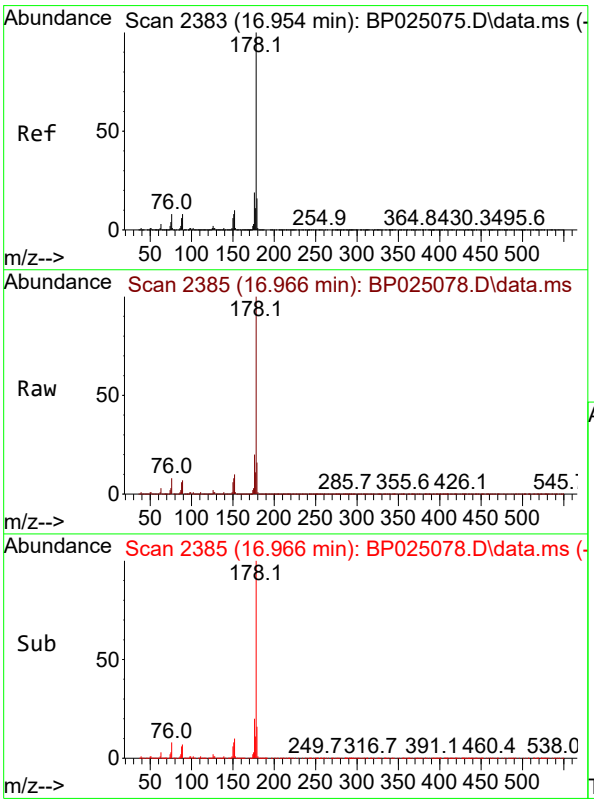
#70
Pentachlorophenol
Concen: 87.298 ng
RT: 16.566 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 1571184

Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.4	75.6
264	63.7	50.2	75.2

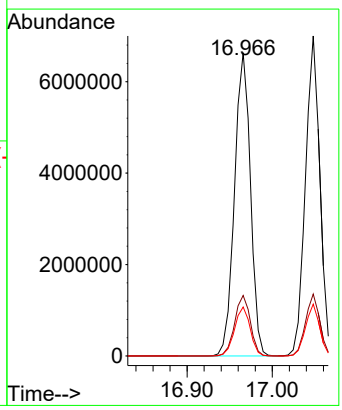


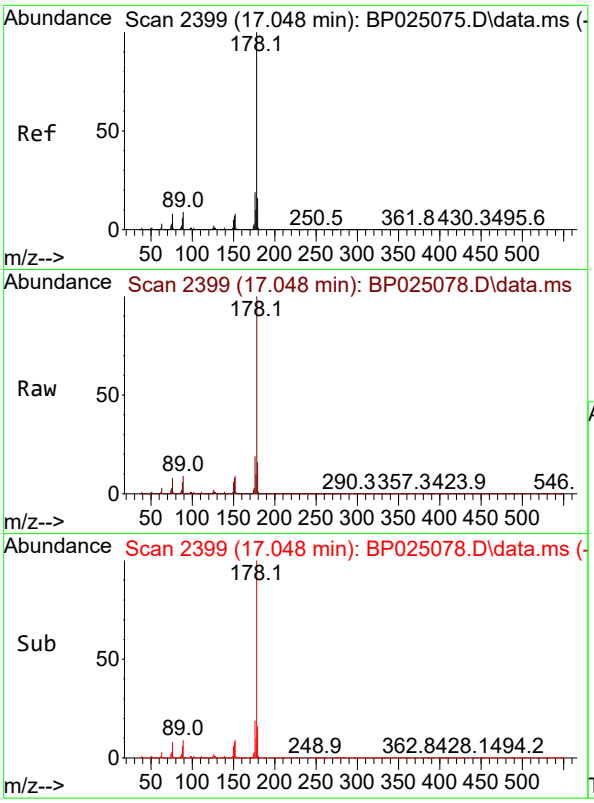


#71
Phenanthrene
Concen: 75.660 ng
RT: 16.966 min Scan# 2385
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:178 Resp: 8609082

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.2	12.6	19.0



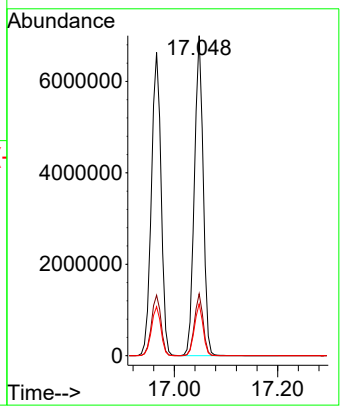


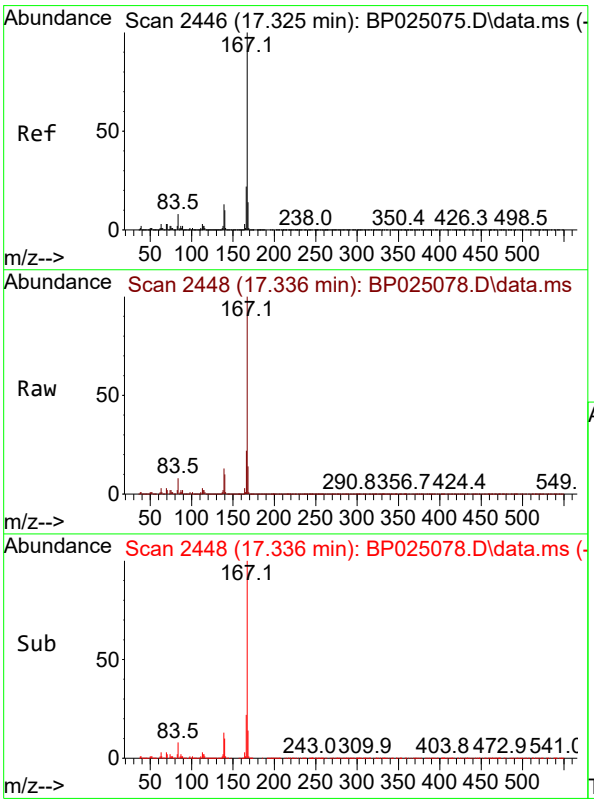
#72
Anthracene
Concen: 75.756 ng
RT: 17.048 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 8269798

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	16.2	12.5	18.7

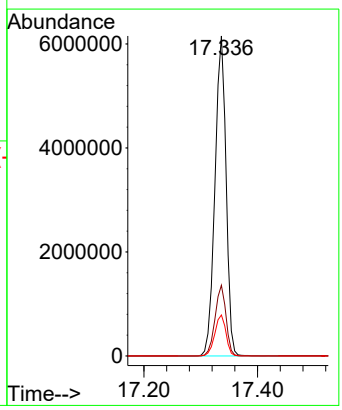


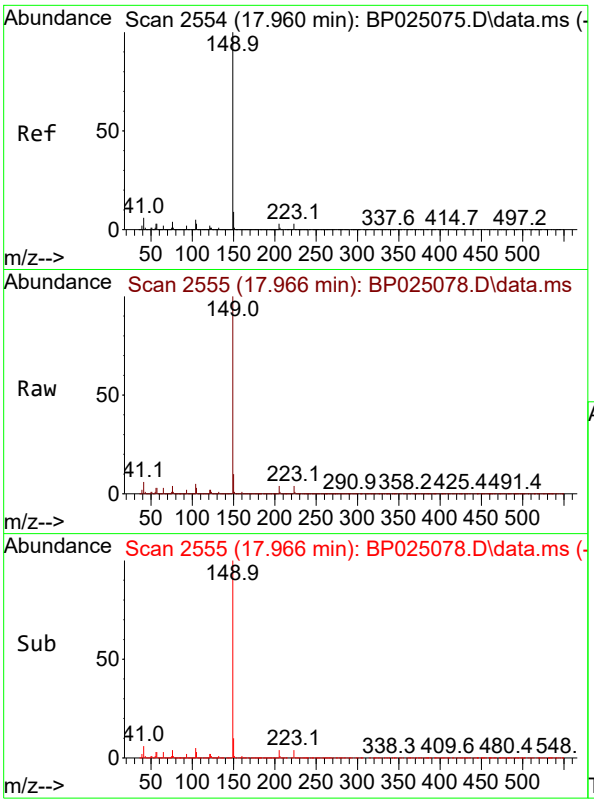


#73
Carbazole
Concen: 77.872 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:167 Resp: 8311609

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	12.8	10.4	15.6



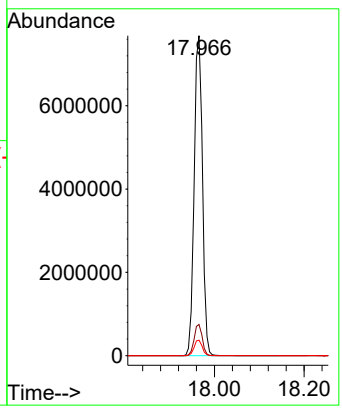


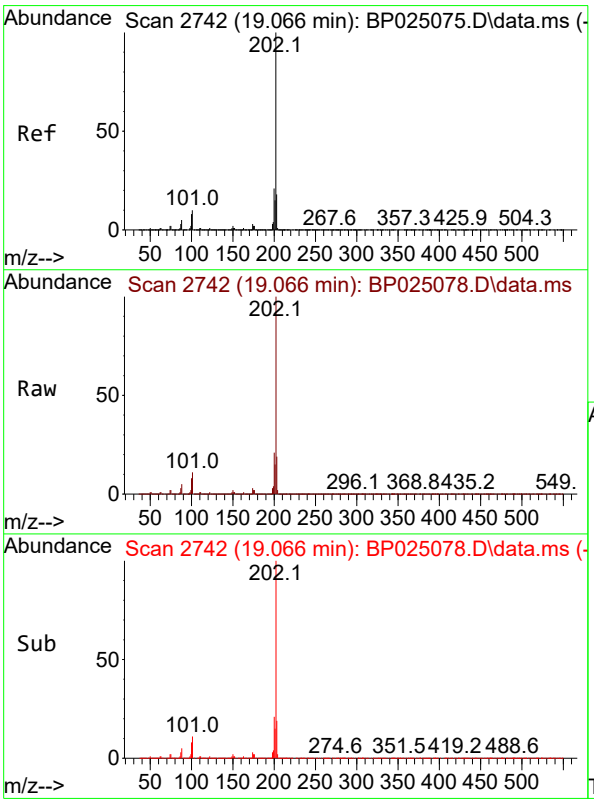
#74
Di-n-butylphthalate
Concen: 82.572 ng
RT: 17.966 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 9814307

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.3	10.9
104	4.8	3.8	5.6

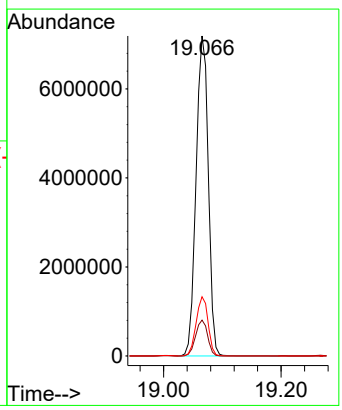


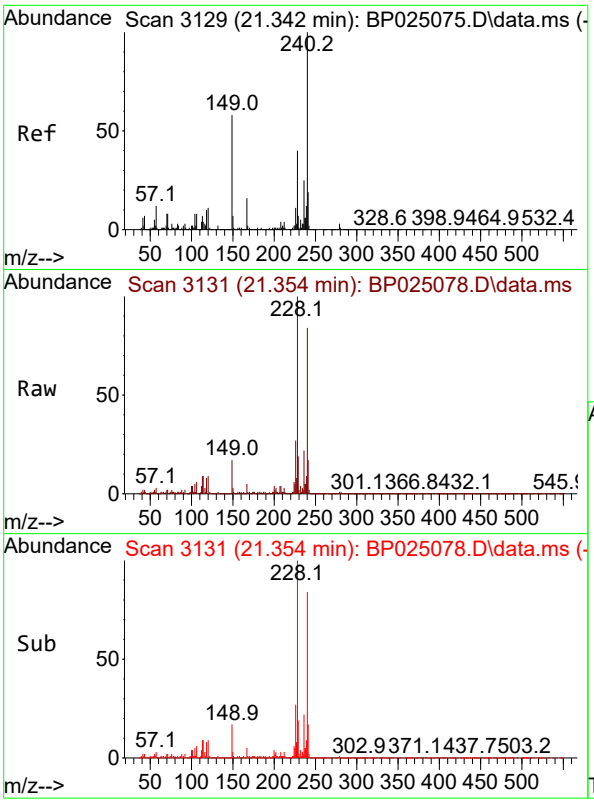


#75
Fluoranthene
Concen: 77.833 ng
RT: 19.066 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:202 Resp:10352176

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.4
203	18.5	0.0	37.6



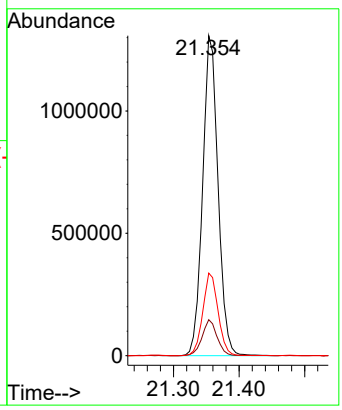


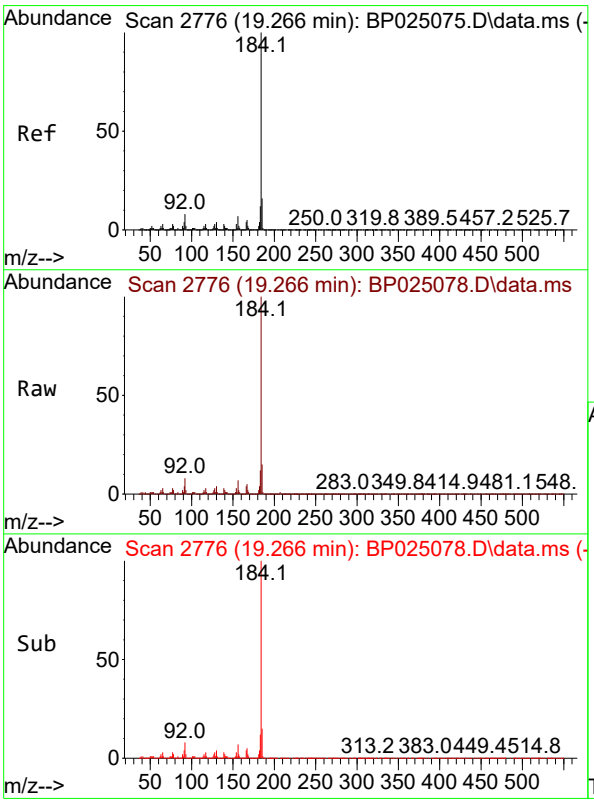
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 2139587

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.8	20.3	30.5

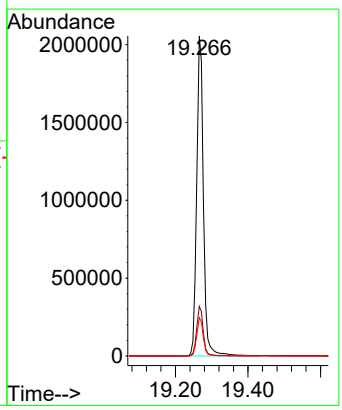


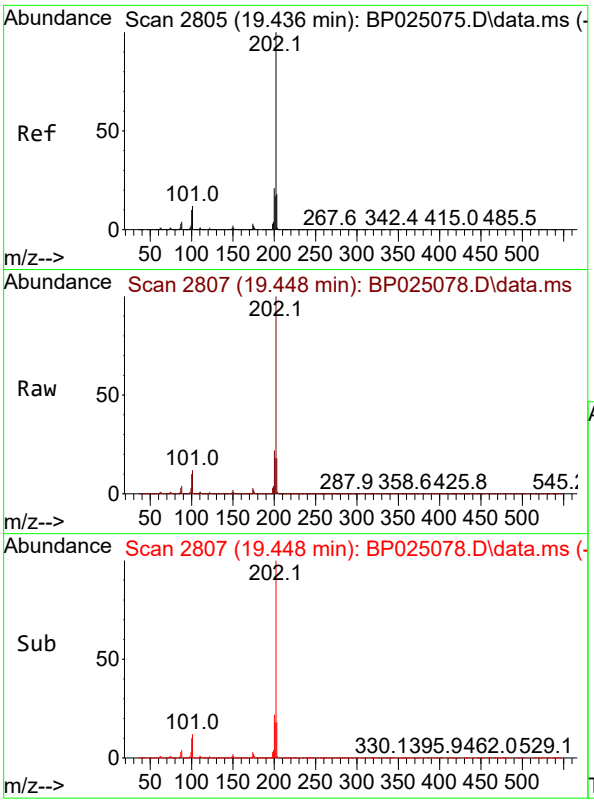


#77
Benzidine
Concen: 70.212 ng
RT: 19.266 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:184 Resp: 2653175

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	12.0	9.4	14.2



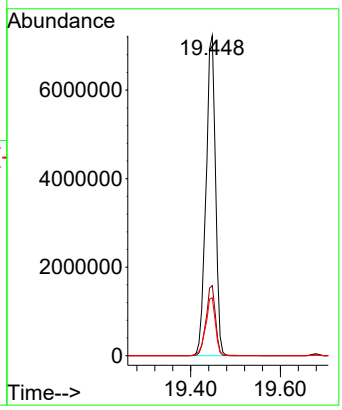


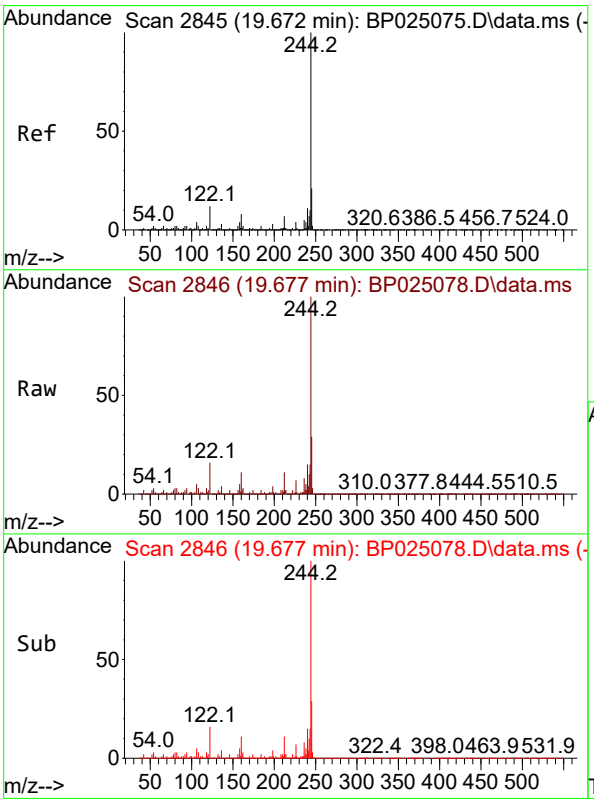
#78
Pyrene
Concen: 79.970 ng
RT: 19.448 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp:10597728

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.1	25.7
203	18.1	14.1	21.1

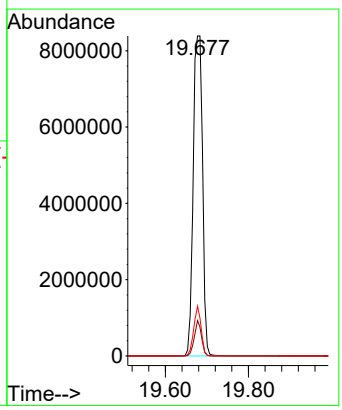


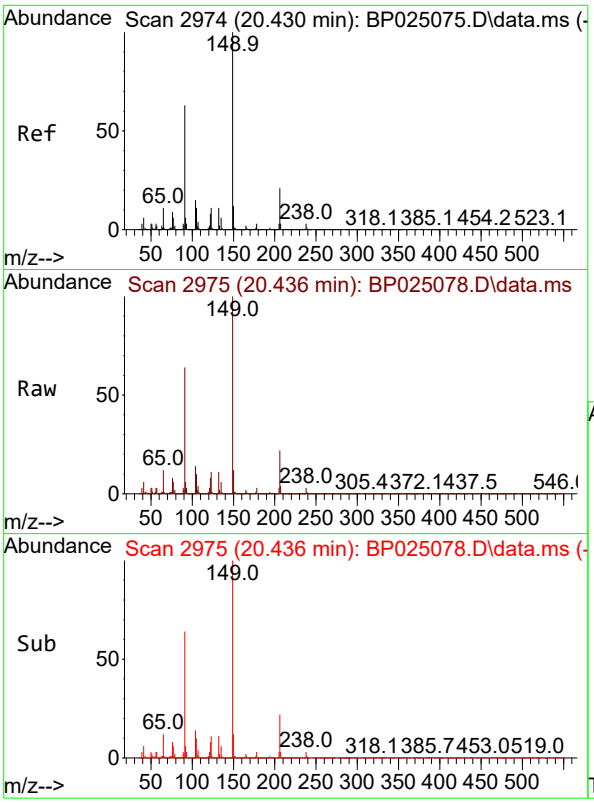


#79
Terphenyl-d14
Concen: 134.293 ng
RT: 19.677 min Scan# 2846
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:244 Resp:13073627

Ion	Ratio	Lower	Upper
244	100		
212	11.0	5.9	8.9#
122	15.6	9.4	14.2#



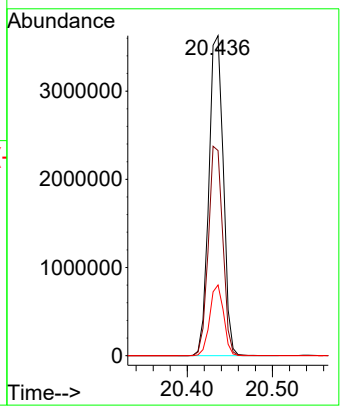


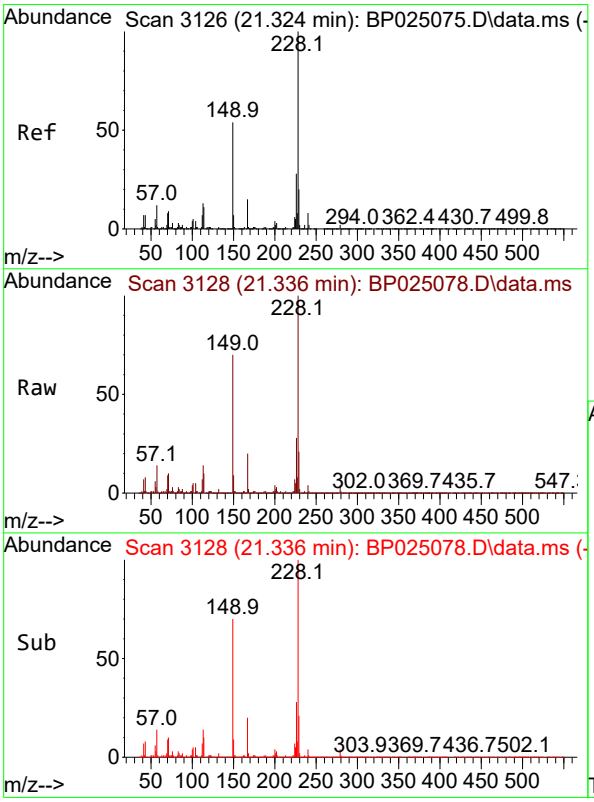
#80
Butylbenzylphthalate
Concen: 80.862 ng
RT: 20.436 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 4268020

Ion	Ratio	Lower	Upper
149	100		
91	64.1	50.6	76.0
206	22.1	17.2	25.8

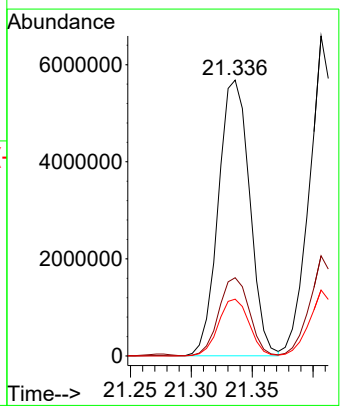


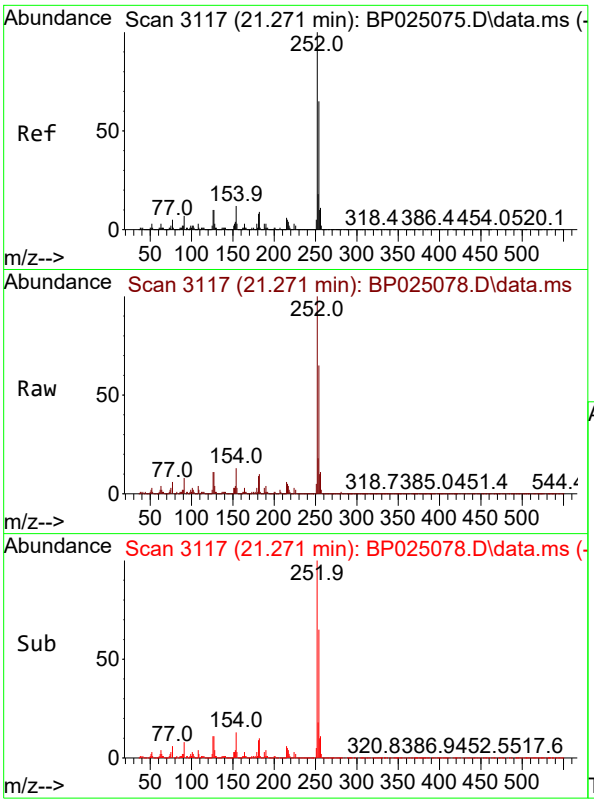


#81
Benzo(a)anthracene
Concen: 78.478 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:228 Resp:10175638

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	20.6	16.0	24.0



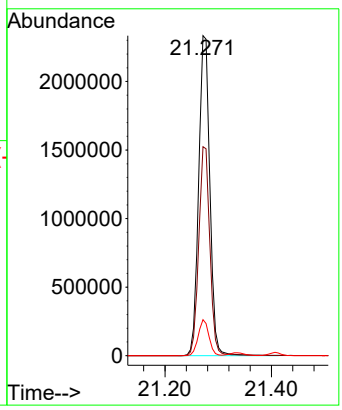


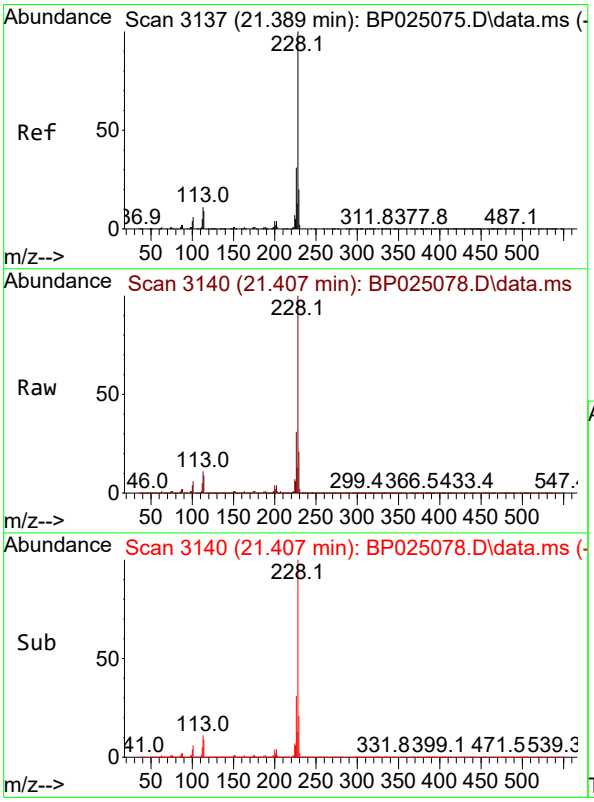
#82
3,3'-Dichlorobenzidine
Concen: 87.049 ng
RT: 21.271 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 3397776

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	11.3	8.1	12.1

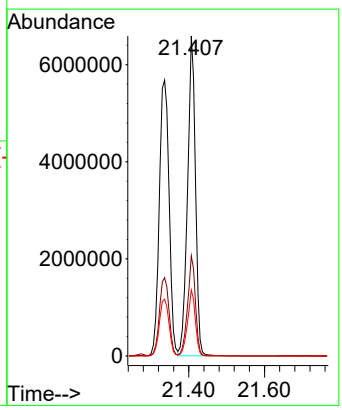


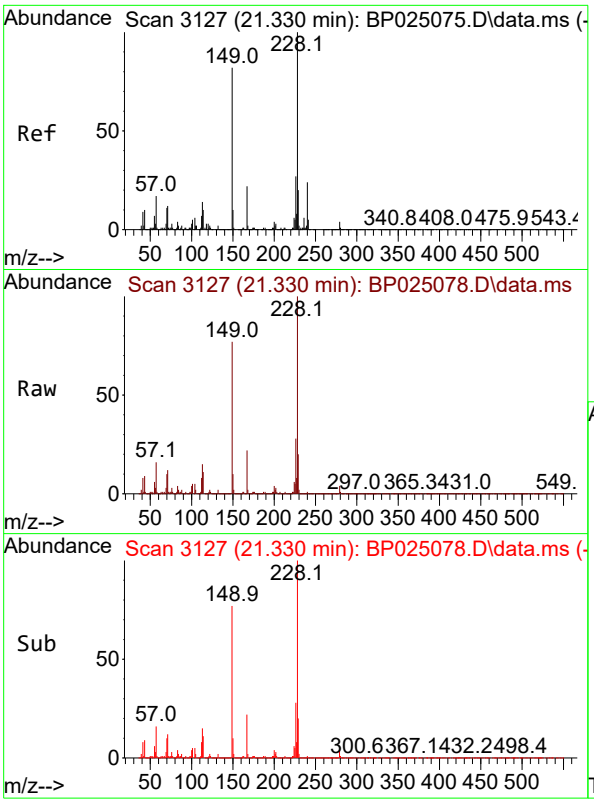


#83
Chrysene
Concen: 76.668 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:228 Resp: 9566614

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	20.6	16.0	24.0



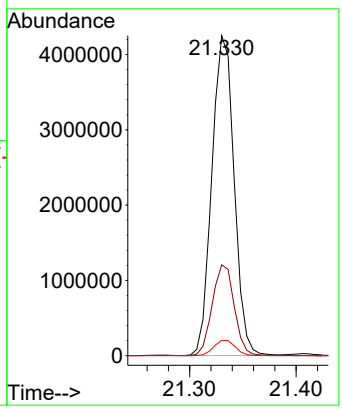


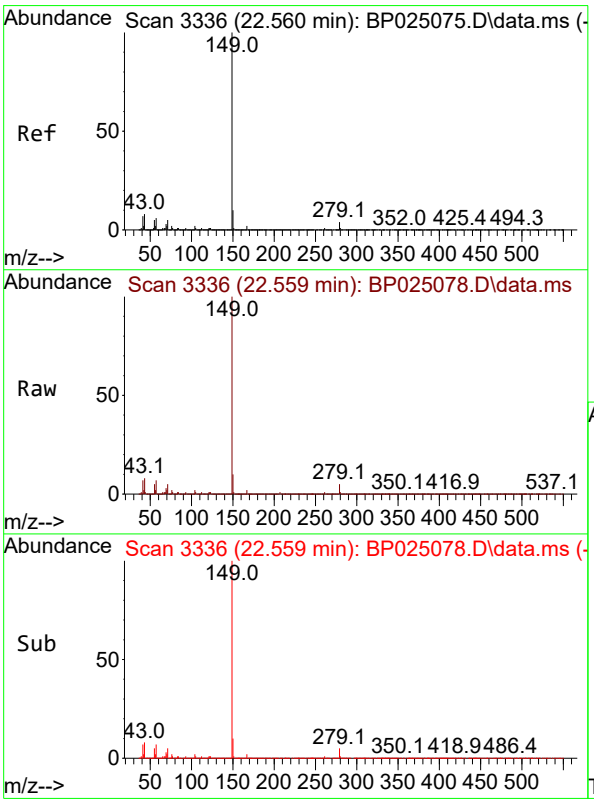
#84
Bis(2-ethylhexyl)phthalate
Concen: 88.574 ng
RT: 21.330 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 6160265

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.9	32.9
279	4.8	3.5	5.3

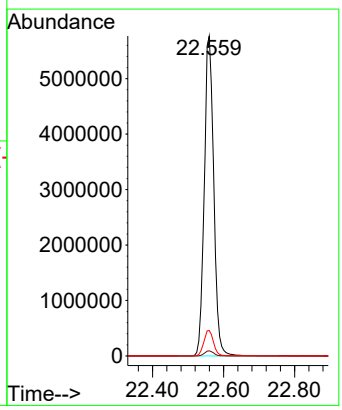


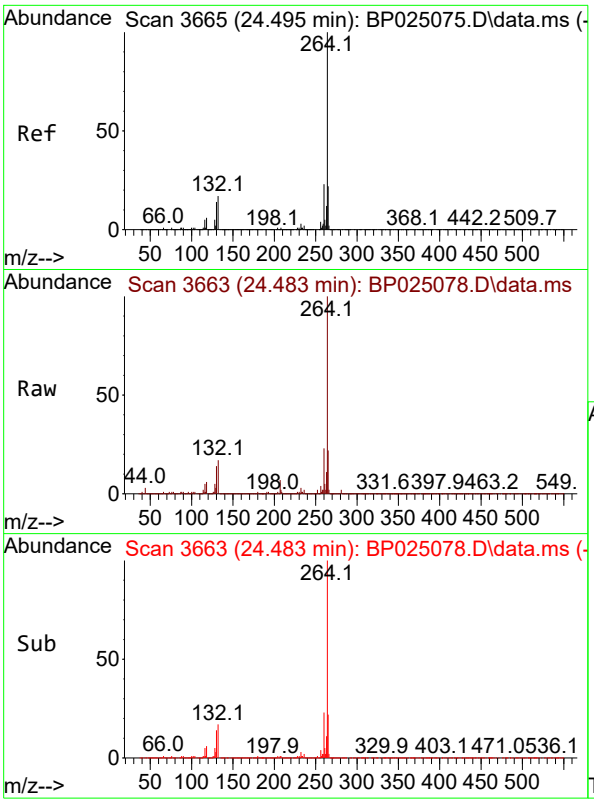


#85
Di-n-octyl phthalate
Concen: 79.212 ng
RT: 22.559 min Scan# 3336
Delta R.T. -0.001 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:149 Resp:10681173

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.9	10.3



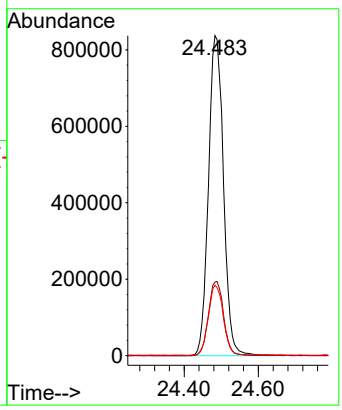


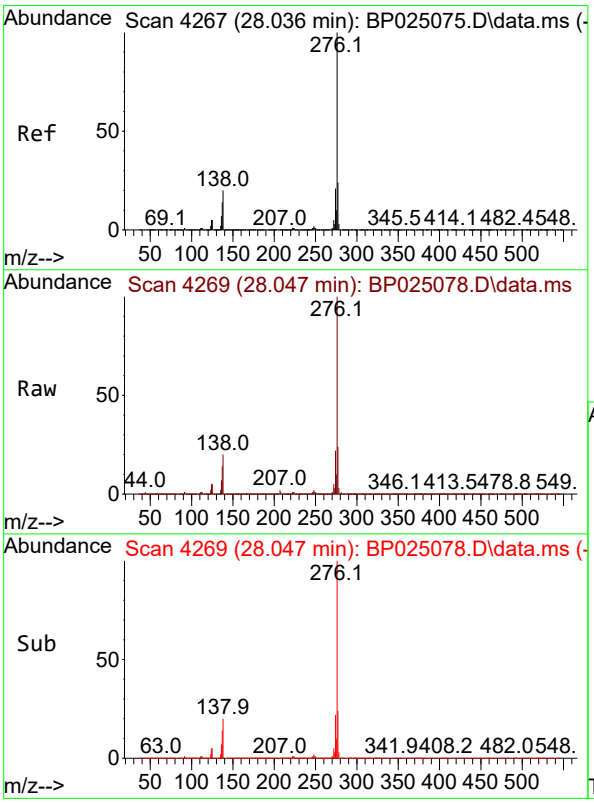
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 2356318

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	22.1	17.7	26.5

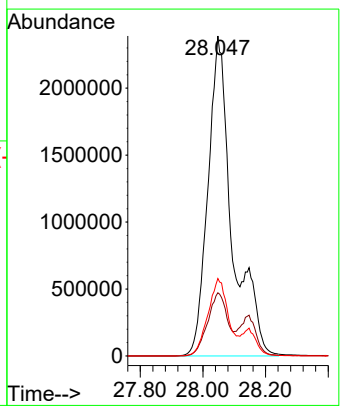


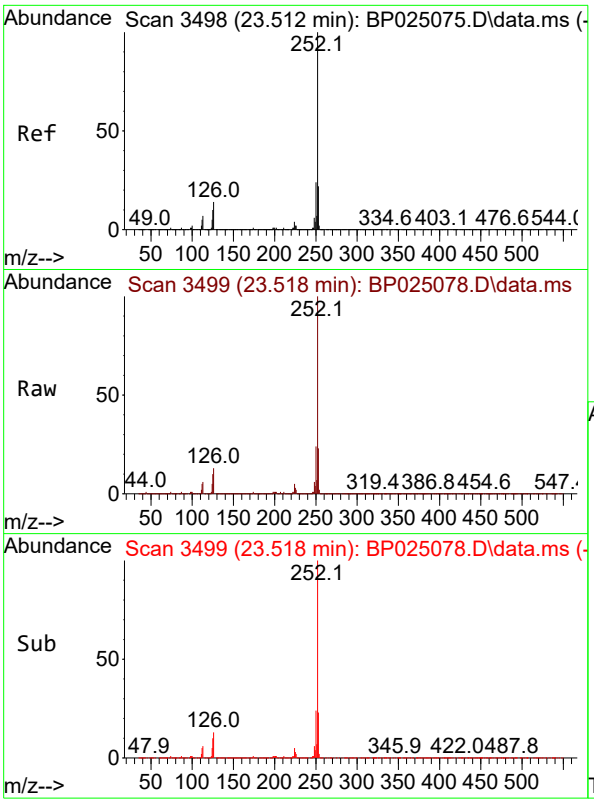


#87
Indeno(1,2,3-cd)pyrene
Concen: 85.771 ng m
RT: 28.047 min Scan# 4269
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:276 Resp:12878282

Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.0	19.6
277	20.5	15.9	23.9



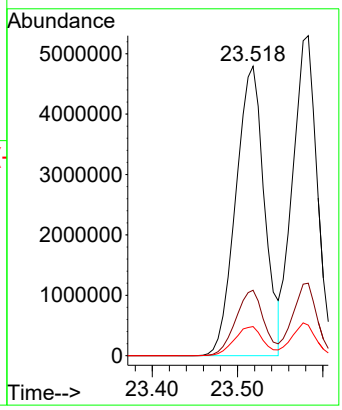


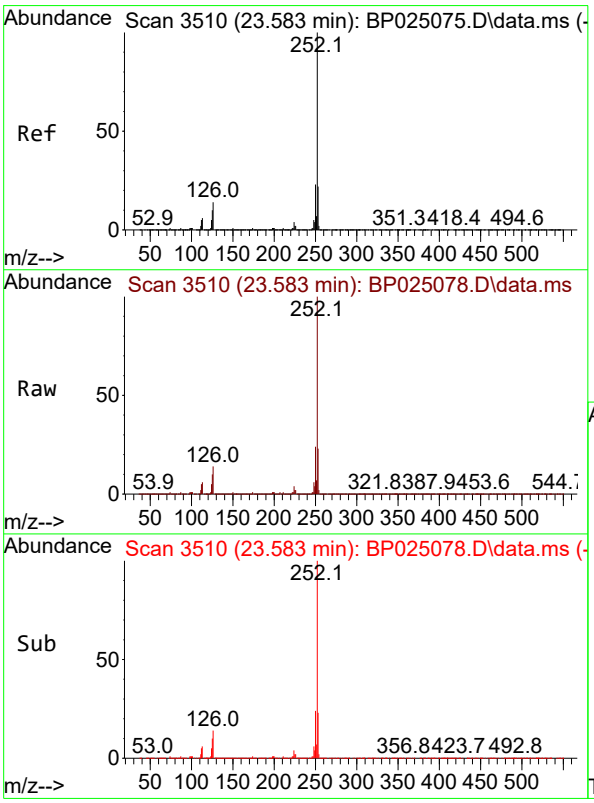
#88
Benzo(b)fluoranthene
Concen: 81.559 ng
RT: 23.518 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp:11185819

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.1	8.1	12.1

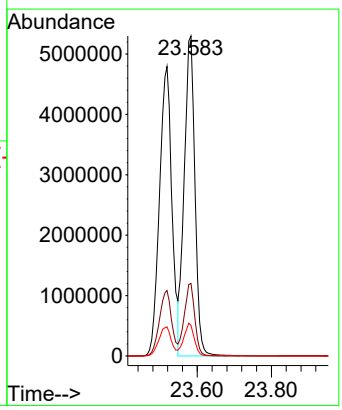


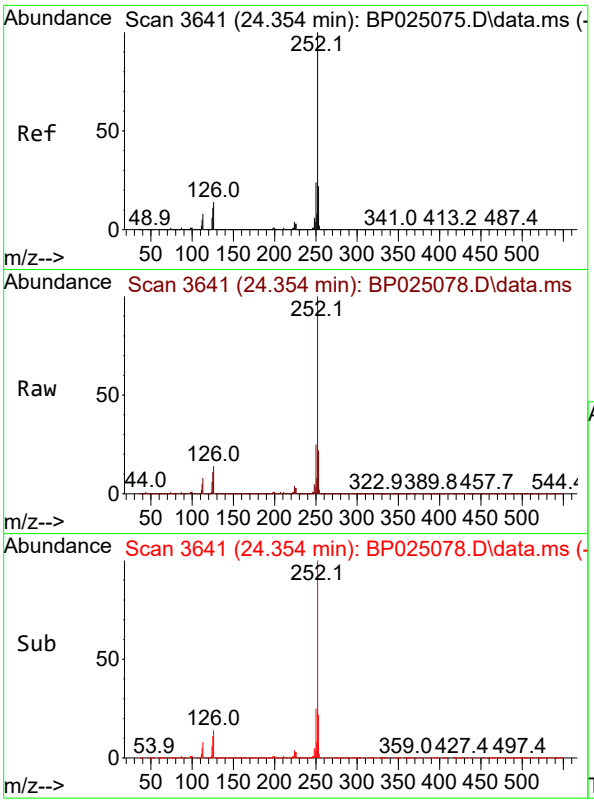


#89
Benzo(k)fluoranthene
Concen: 78.255 ng
RT: 23.583 min Scan# 3510
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:252 Resp:10678946

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.6	8.2	12.2



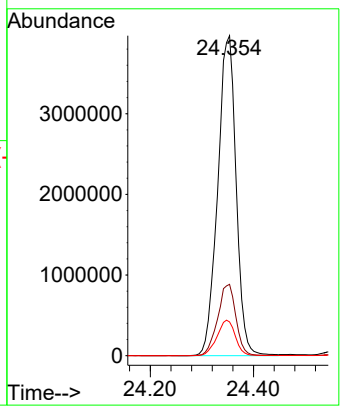


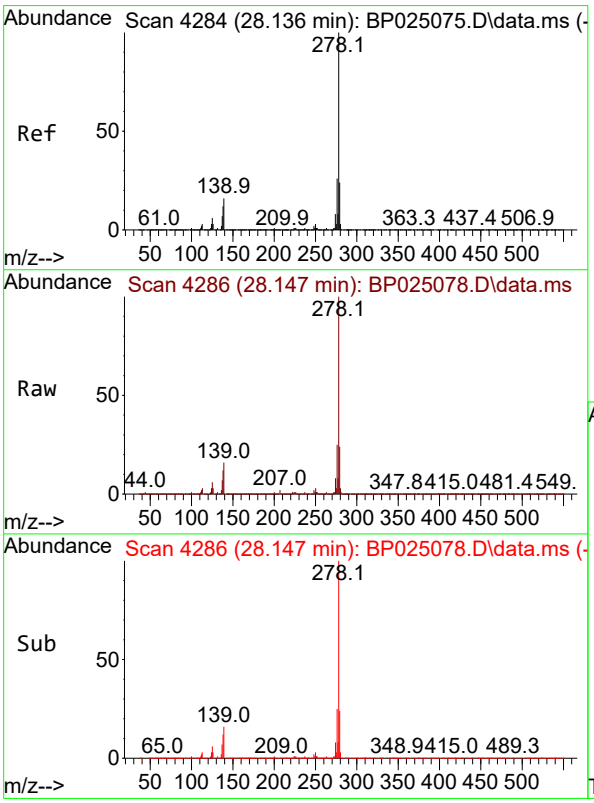
#90
Benzo(a)pyrene
Concen: 83.957 ng
RT: 24.354 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 9800149

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.5	9.0	13.4

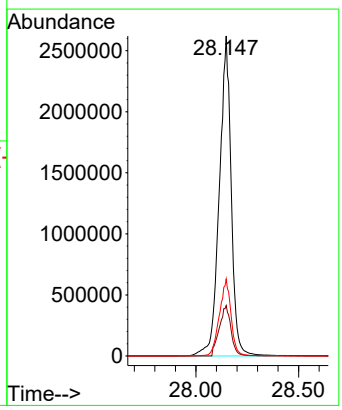


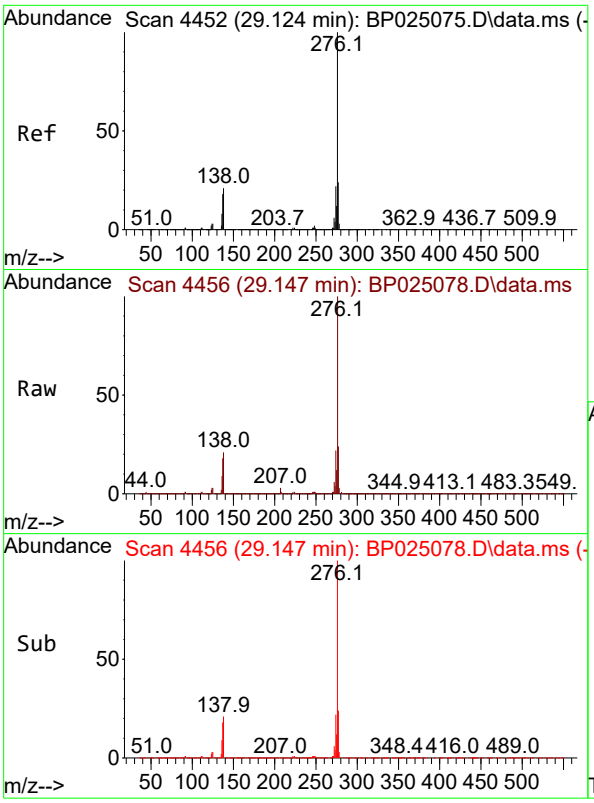


#91
Dibenzo(a,h)anthracene
Concen: 84.932 ng
RT: 28.147 min Scan# 4286
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Tgt Ion:278 Resp:10538537

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.1	19.7
279	24.0	18.9	28.3



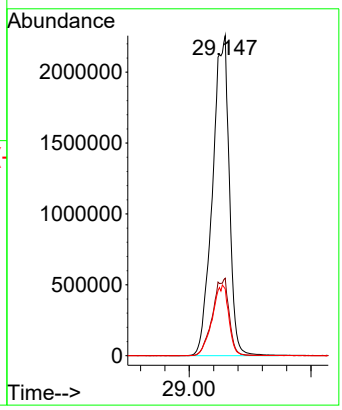


#92
Benzo(g,h,i)perylene
Concen: 83.943 ng
RT: 29.147 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp:10759787

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	20.8	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	400883	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1637601	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	1071158	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2157756	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2221808	20.000	ng	0.01
86) Perylene-d12	24.501	264	2415004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1806055	79.825	ng	0.00
7) Phenol-d6	6.631	99	2363715	80.057	ng	0.00
23) Nitrobenzene-d5	8.572	82	2040461	82.866	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1045523	82.624	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	5442492	78.712	ng	0.00
79) Terphenyl-d14	19.689	244	8493260	84.014	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	332686	37.814	ng	99
3) Pyridine	3.484	79	940029	39.027	ng	98
4) n-Nitrosodimethylamine	3.402	42	397057	38.933	ng	97
6) Aniline	6.778	93	1098010	39.803	ng	100
8) 2-Chlorophenol	7.014	128	1023493	40.431	ng	99
9) Benzaldehyde	6.596	77	629753	40.841	ng	98
10) Phenol	6.655	94	1189351	39.645	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	905215	39.206	ng	99
12) 1,3-Dichlorobenzene	7.331	146	1115941	39.389	ng	98
13) 1,4-Dichlorobenzene	7.472	146	1129771	39.387	ng	99
14) 1,2-Dichlorobenzene	7.778	146	1075162	38.965	ng	99
15) Benzyl Alcohol	7.672	79	805339	40.867	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1158172	38.579	ng	98
17) 2-Methylphenol	7.872	107	786921	40.721	ng	100
18) Hexachloroethane	8.496	117	374849	40.115	ng	99
19) n-Nitroso-di-n-propyla...	8.237	70	709521	40.521	ng	99
20) 3+4-Methylphenols	8.196	107	1093973	40.415	ng	99
22) Acetophenone	8.243	105	1510122	38.992	ng	99
24) Nitrobenzene	8.613	77	1012505	40.369	ng	97
25) Isophorone	9.125	82	1857268	40.360	ng	100
26) 2-Nitrophenol	9.308	139	488721	40.694	ng	99
27) 2,4-Dimethylphenol	9.378	122	692324	40.332	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	1236294	39.567	ng	99
29) 2,4-Dichlorophenol	9.837	162	985707	41.412	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1043043	39.571	ng	97
31) Naphthalene	10.231	128	3302943	39.170	ng	100
32) Benzoic acid	9.502	122	684343	40.952	ng	97
33) 4-Chloroaniline	10.343	127	1265959	40.229	ng	99
34) Hexachlorobutadiene	10.537	225	607380	40.154	ng	99
35) Caprolactam	11.107	113	332744	40.864	ng	100
36) 4-Chloro-3-methylphenol	11.484	107	1018998	40.967	ng	98
37) 2-Methylnaphthalene	11.866	142	2340864	39.345	ng	100
38) 1-Methylnaphthalene	12.084	142	2280444	39.301	ng	99
40) 1,2,4,5-Tetrachloroben...	12.243	216	1233612	40.072	ng	100
41) Hexachlorocyclopentadiene	12.237	237	345683	42.989	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	794957	42.646	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	894337	42.335	ng	98
46) 1,1'-Biphenyl	12.907	154	3042013	39.032	ng	100
47) 2-Chloronaphthalene	12.943	162	2296829	39.210	ng	99
48) 2-Nitroaniline	13.149	65	565340	39.894	ng	97
49) Acenaphthylene	13.807	152	3624825	40.431	ng	100
50) Dimethylphthalate	13.560	163	3009077	40.131	ng	99
51) 2,6-Dinitrotoluene	13.660	165	627637	42.919	ng	99
52) Acenaphthene	14.160	154	2271995m	39.318	ng	
53) 3-Nitroaniline	13.990	138	680440	43.418	ng	98
54) 2,4-Dinitrophenol	14.201	184	265751	40.066	ng	97
55) Dibenzofuran	14.507	168	3740234	39.220	ng	100
56) 4-Nitrophenol	14.313	139	612774	42.369	ng	97
57) 2,4-Dinitrotoluene	14.466	165	846954	39.932	ng	95
58) Fluorene	15.166	166	2925541	39.662	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.737	232	811401	42.414	ng	99
60) Diethylphthalate	14.972	149	3056611	40.587	ng	99
61) 4-Chlorophenyl-phenyle...	15.178	204	1430883	39.198	ng	98
62) 4-Nitroaniline	15.184	138	715671	43.550	ng	97
63) Azobenzene	15.472	77	2587410	38.583	ng	99
65) 4,6-Dinitro-2-methylph...	15.248	198	379707	39.754	ng	97
66) n-Nitrosodiphenylamine	15.401	169	2472464	40.039	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	894455	40.486	ng	96
68) Hexachlorobenzene	16.201	284	1066631	39.499	ng	99
69) Atrazine	16.390	200	739881	40.888	ng	98
70) Pentachlorophenol	16.548	266	774549	42.471	ng	98
71) Phenanthrene	16.948	178	4552722	39.487	ng	100
72) Anthracene	17.060	178	4467088	40.385	ng	99
73) Carbazole	17.331	167	4335399	40.086	ng	100
74) Di-n-butylphthalate	17.966	149	5149955	42.761	ng	100
75) Fluoranthene	19.060	202	5415104	40.180	ng	99
77) Benzidine	19.272	184	2058569	52.461	ng	99
78) Pyrene	19.436	202	5698991	41.413	ng	100
80) Butylbenzylphthalate	20.442	149	2138437	40.921	ng	97
81) Benzo(a)anthracene	21.336	228	5501070	40.856	ng	100
82) 3,3'-Dichlorobenzidine	21.266	252	1808957	44.629	ng	100
83) Chrysene	21.401	228	5211272	40.218	ng	99
84) Bis(2-ethylhexyl)phtha...	21.342	149	3299494	45.685	ng	99
85) Di-n-octyl phthalate	22.566	149	5256676	40.750	ng	100
87) Indeno(1,2,3-cd)pyrene	28.048	276	6494157m	42.211	ng	
88) Benzo(b)fluoranthene	23.519	252	5782492	41.137	ng	100
89) Benzo(k)fluoranthene	23.589	252	5590808	39.974	ng	100
90) Benzo(a)pyrene	24.354	252	4952570	41.397	ng	100
91) Dibenzo(a,h)anthracene	28.130	278	5394843	42.422	ng	99
92) Benzo(g,h,i)perylene	29.148	276	5498609	41.855	ng	99

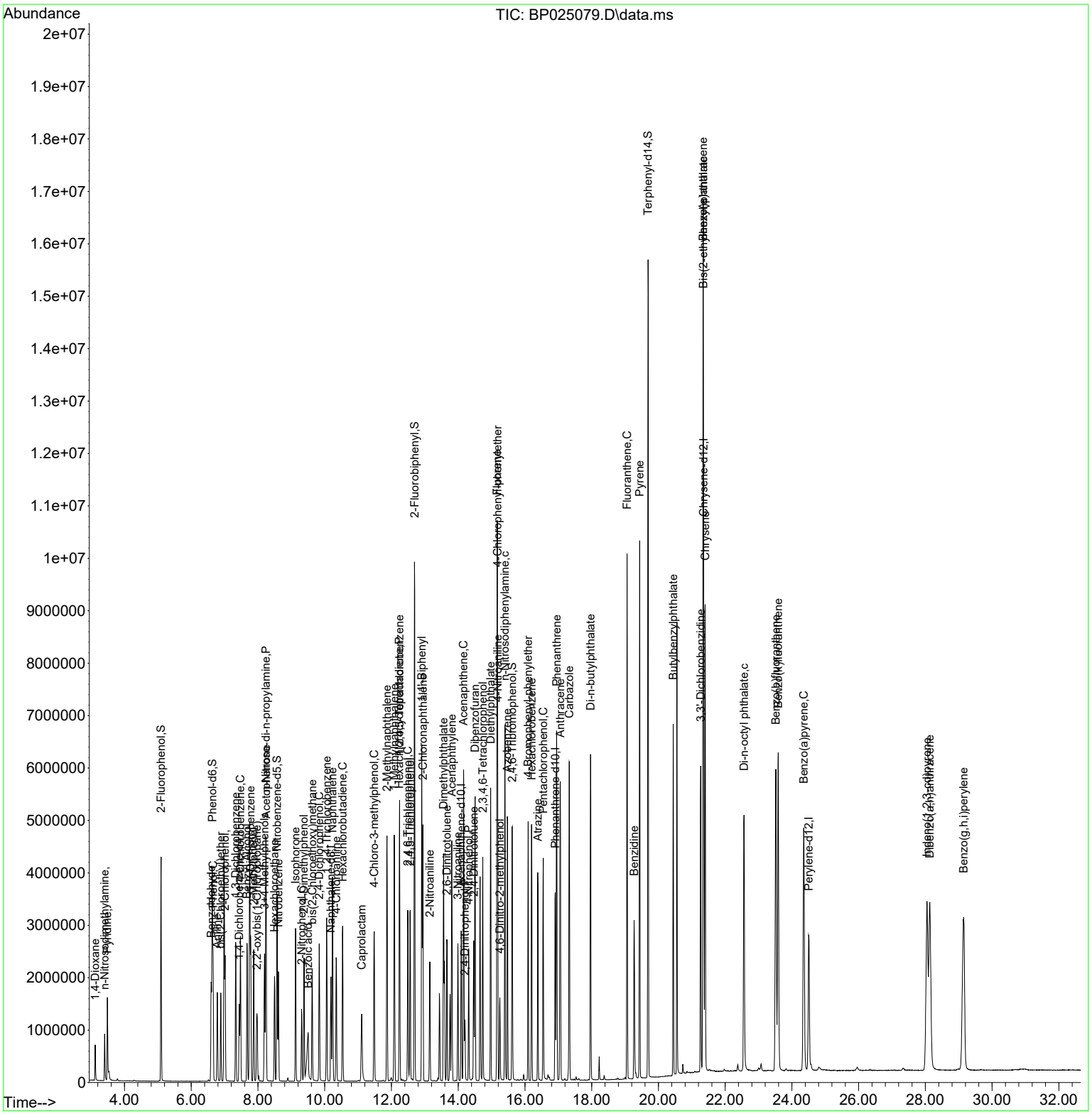
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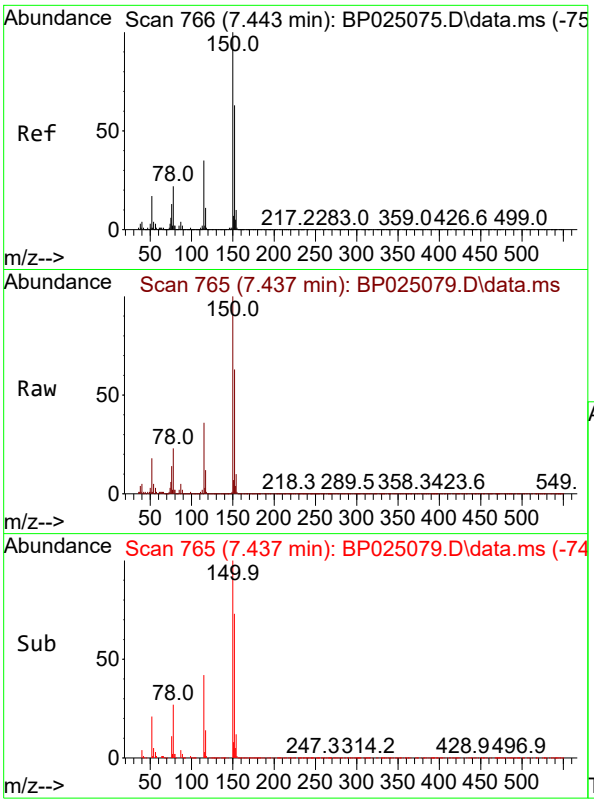
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



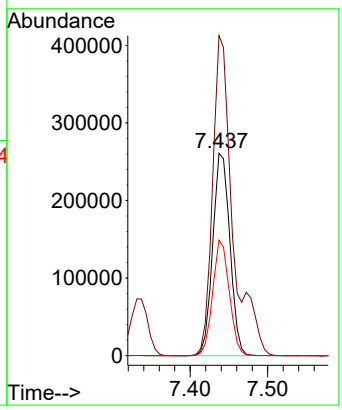


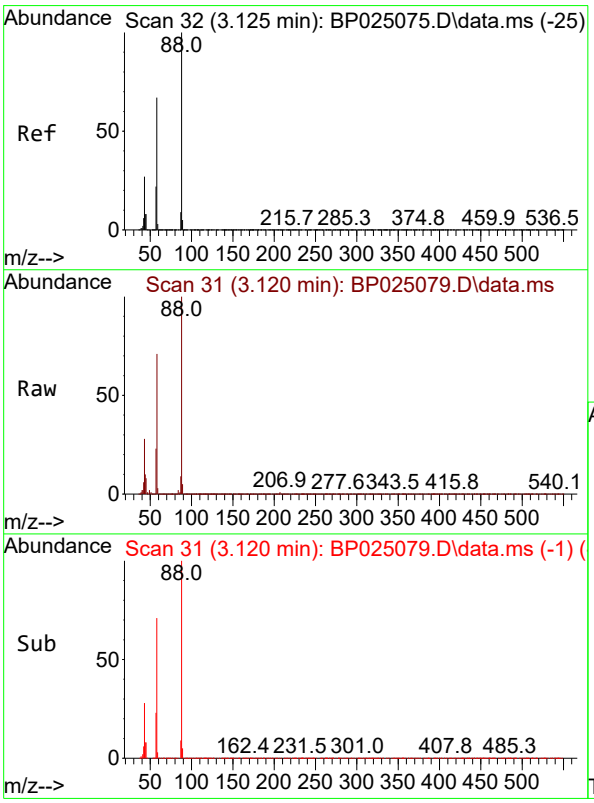
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:152 Resp: 400883

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.1	189.1
115	57.1	44.3	66.5

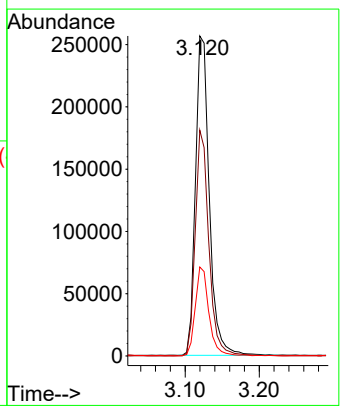


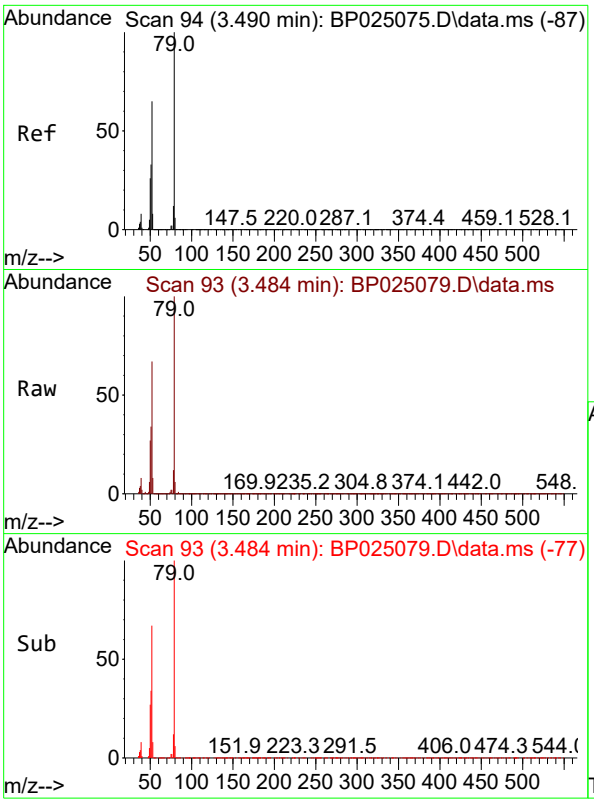


#2
1,4-Dioxane
Concen: 37.814 ng
RT: 3.120 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 88 Resp: 332686

Ion	Ratio	Lower	Upper
88	100		
58	69.6	55.0	82.4
43	27.7	21.9	32.9



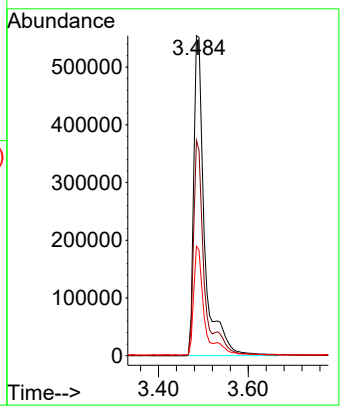


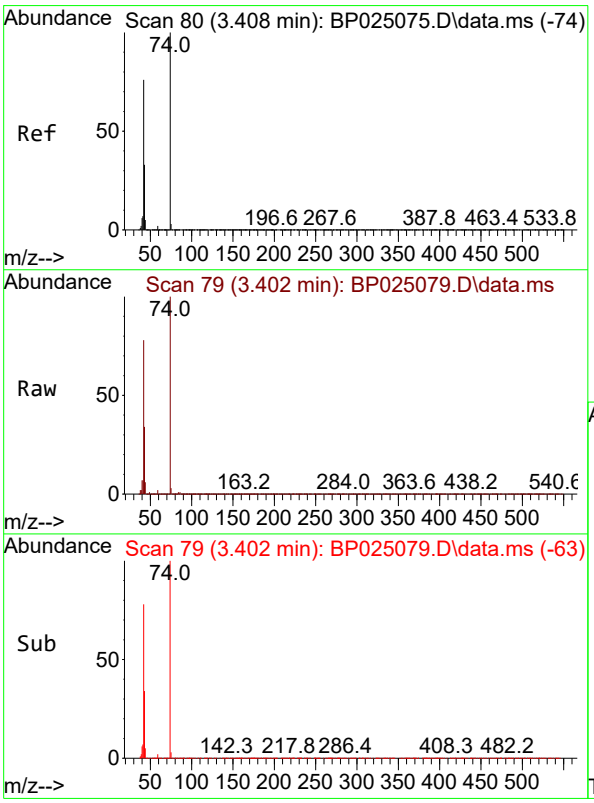
#3
Pyridine
Concen: 39.027 ng
RT: 3.484 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 79 Resp: 940029

Ion	Ratio	Lower	Upper
79	100		
52	67.3	52.2	78.4
51	34.2	26.8	40.2

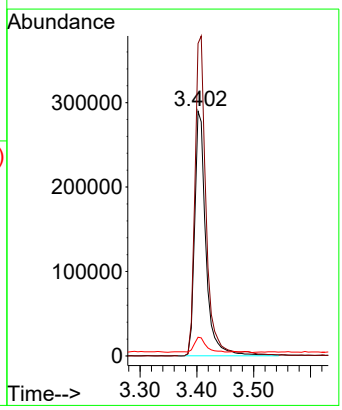


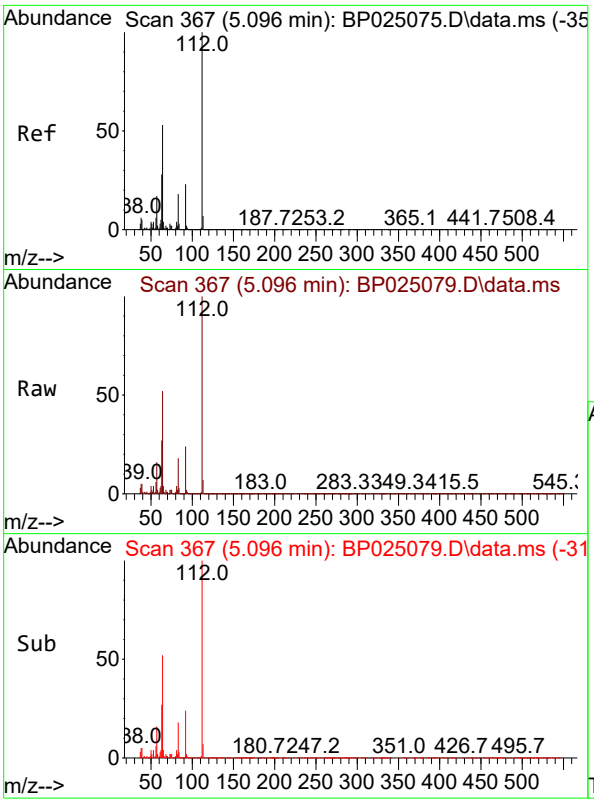


#4
n-Nitrosodimethylamine
Concen: 38.933 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 42 Resp: 397057

Ion	Ratio	Lower	Upper
42	100		
74	127.7	105.2	157.8
44	7.7	6.6	9.8



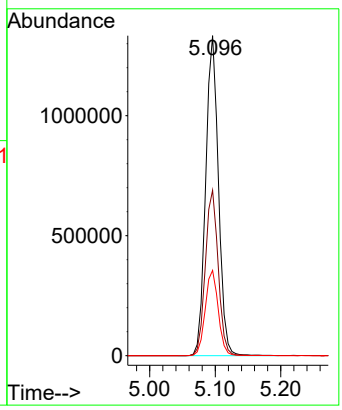


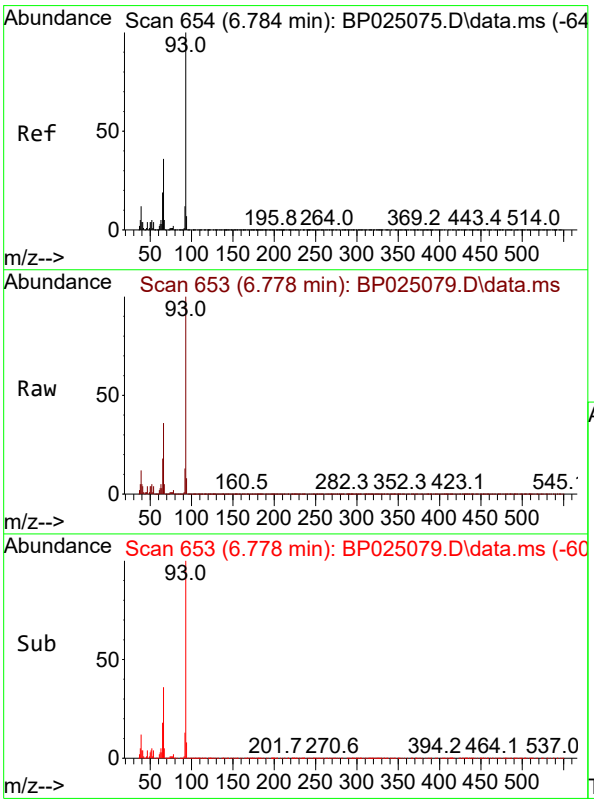
#5
2-Fluorophenol
Concen: 79.825 ng
RT: 5.096 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:112 Resp: 1806055

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.0	63.0
63	26.6	22.2	33.2

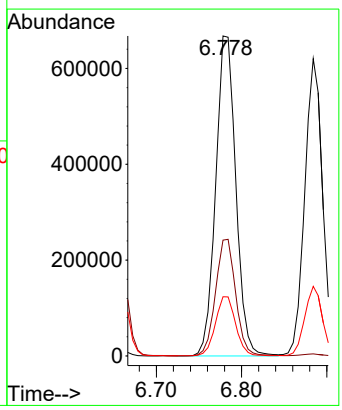


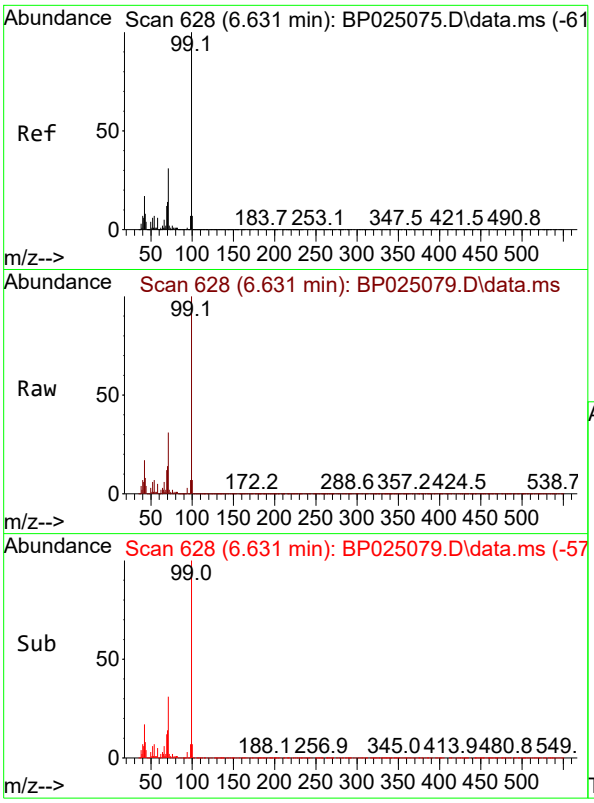


#6
Aniline
Concen: 39.803 ng
RT: 6.778 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 93 Resp: 1098010

Ion	Ratio	Lower	Upper
93	100		
66	36.2	28.9	43.3
65	18.5	15.2	22.8



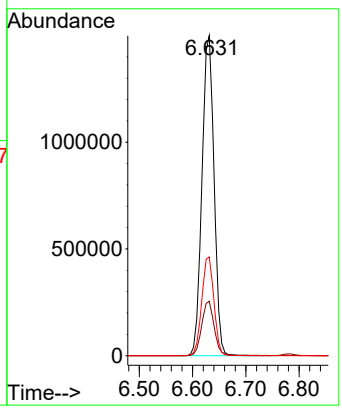


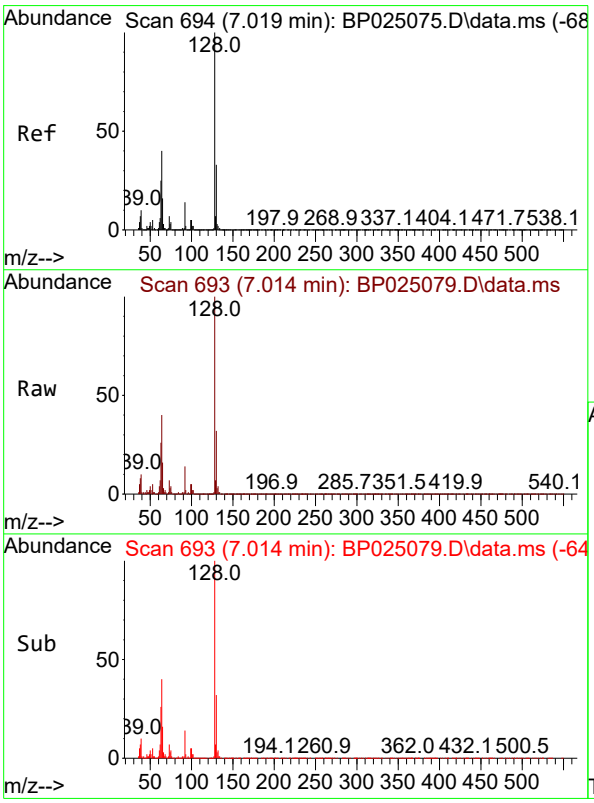
#7
Phenol-d6
Concen: 80.057 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 99 Resp: 2363715

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	30.9	24.4	36.6

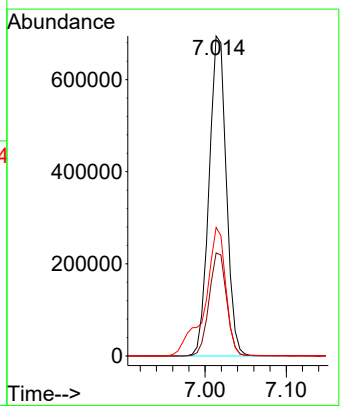


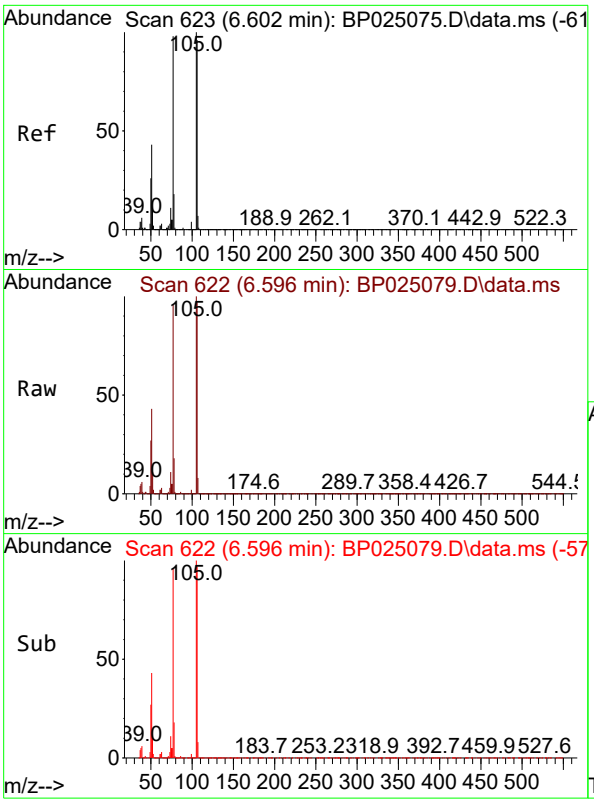


#8
2-Chlorophenol
Concen: 40.431 ng
RT: 7.014 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:128 Resp: 1023493

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	40.2	20.3	60.3



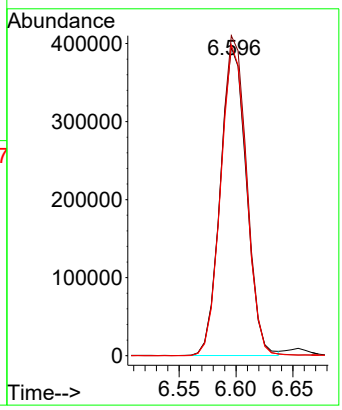


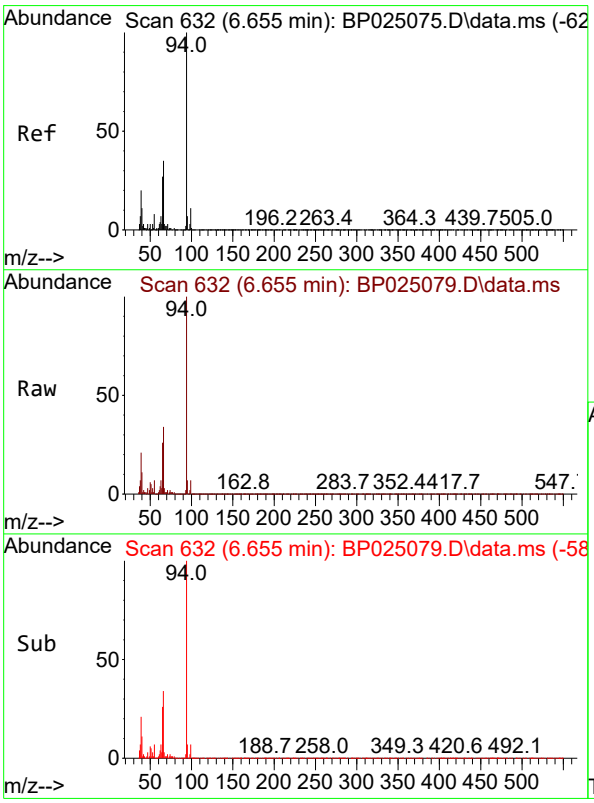
#9
Benzaldehyde
Concen: 40.841 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 77 Resp: 629753

Ion	Ratio	Lower	Upper
77	100		
105	103.8	82.4	122.4
106	100.8	78.3	118.3

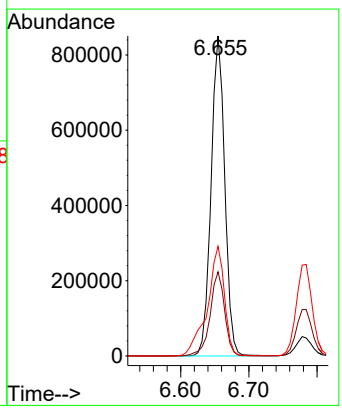


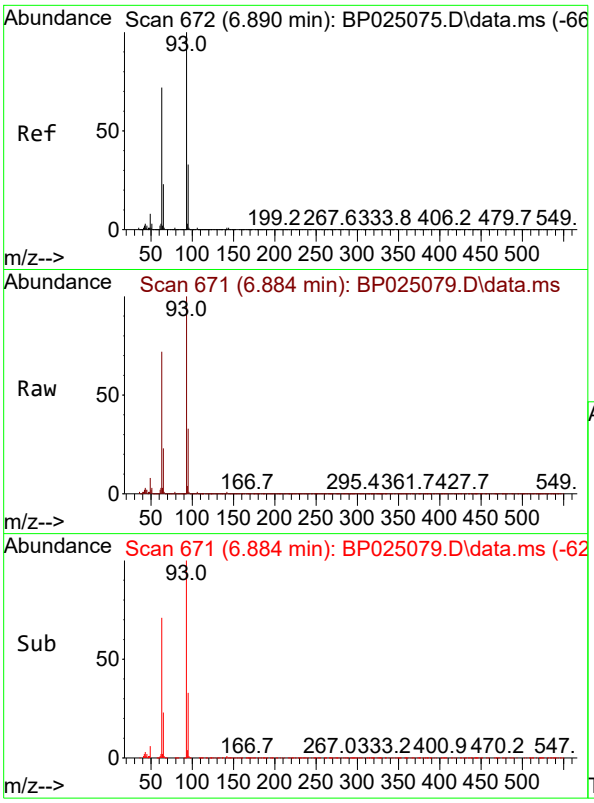


#10
Phenol
Concen: 39.645 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 94 Resp: 1189351

Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.9	46.9
66	34.2	14.6	54.6



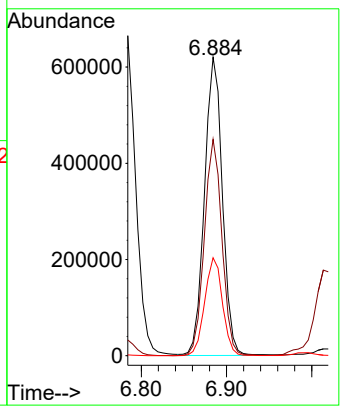


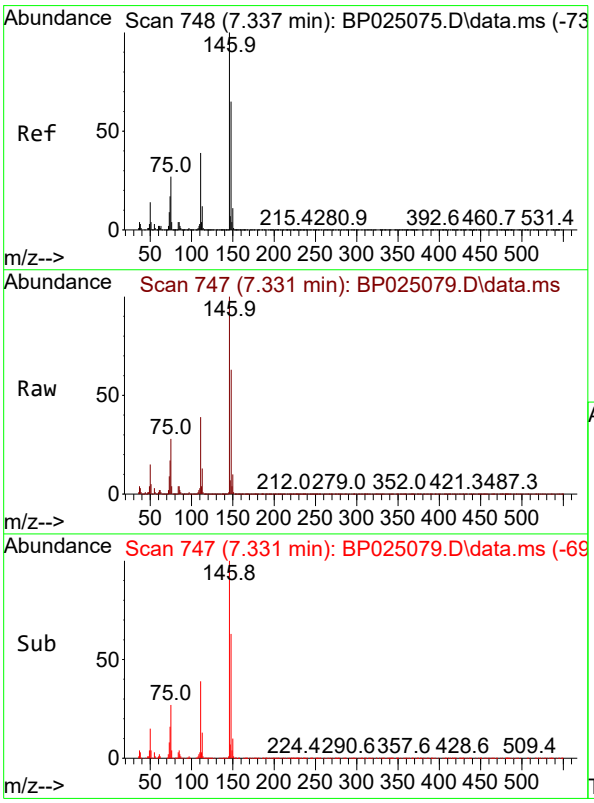
#11
bis(2-Chloroethyl)ether
Concen: 39.206 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 93 Resp: 905215

Ion	Ratio	Lower	Upper
93	100		
63	72.5	51.9	91.9
95	32.8	12.4	52.4

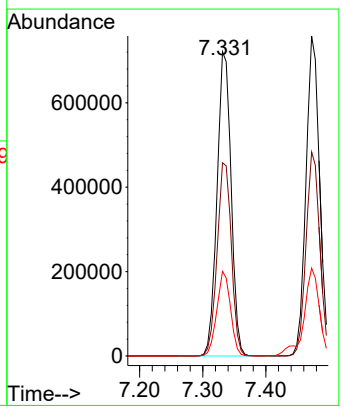


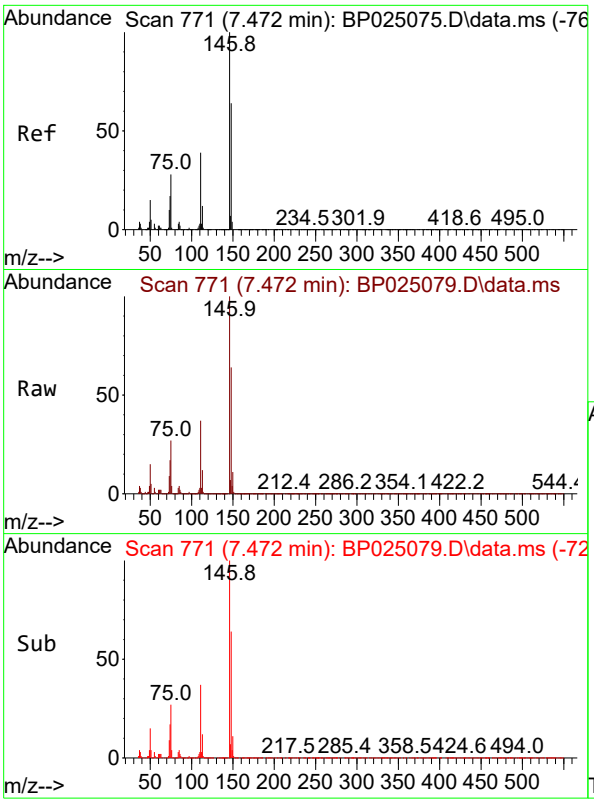


#12
1,3-Dichlorobenzene
Concen: 39.389 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:146 Resp: 1115941

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
75	27.8	21.8	32.6



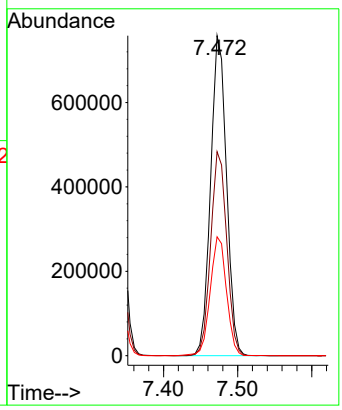


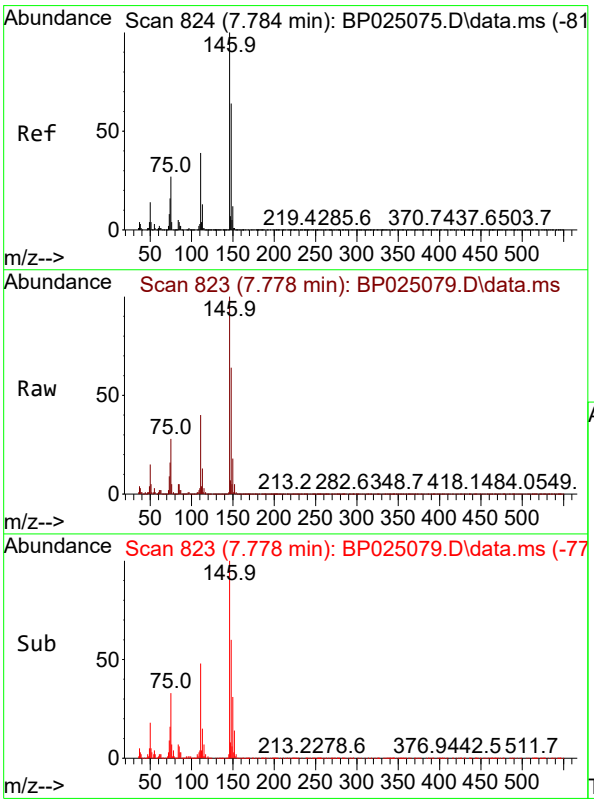
#13
1,4-Dichlorobenzene
Concen: 39.387 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:146 Resp: 1129771

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	37.2	31.2	46.8

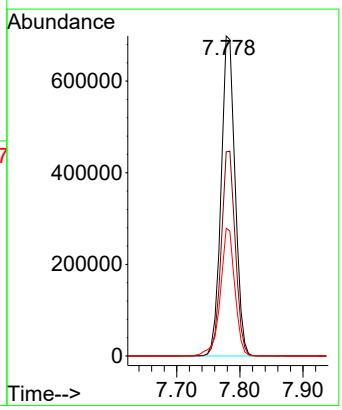


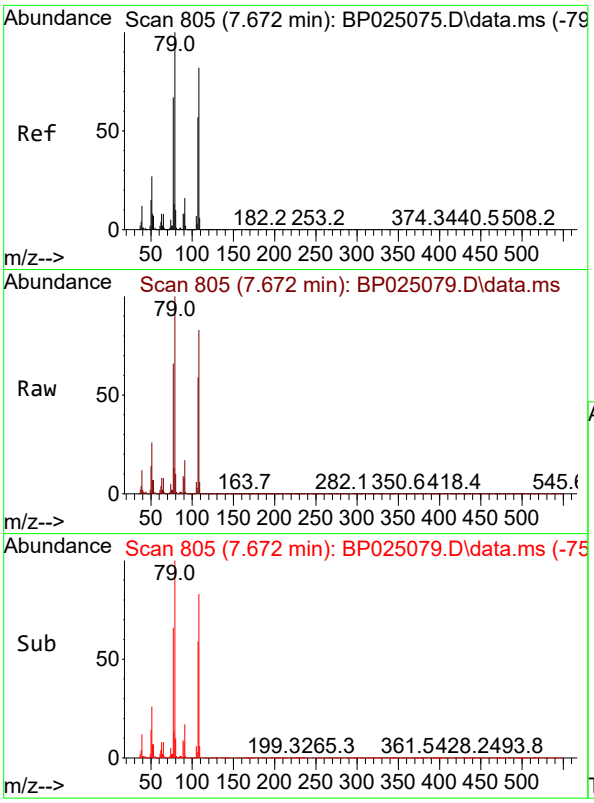


#14
1,2-Dichlorobenzene
Concen: 38.965 ng
RT: 7.778 min Scan# 823
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:146 Resp: 1075162

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	39.9	31.2	46.8



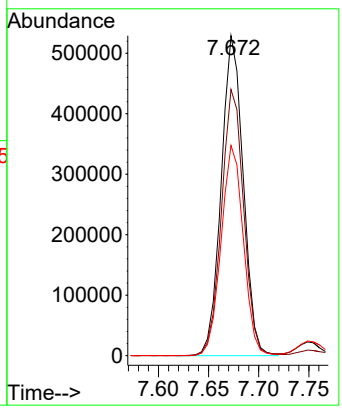


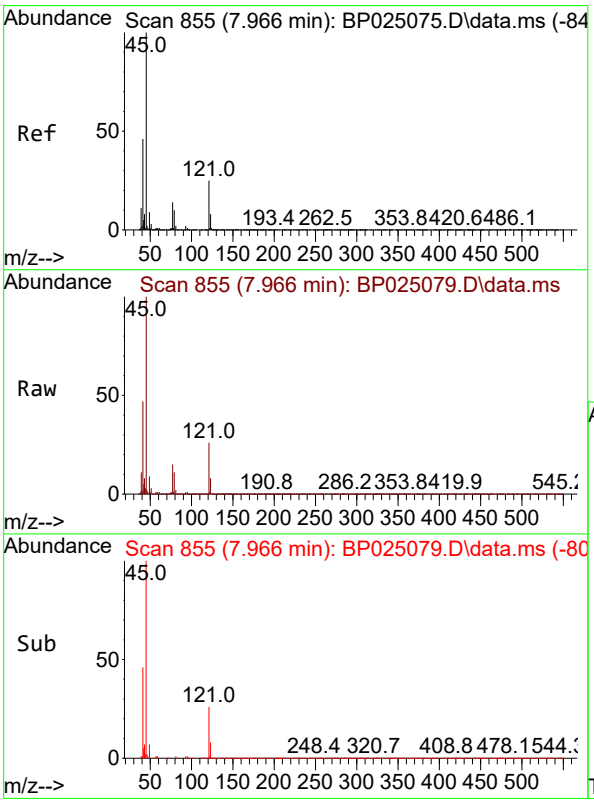
#15
Benzyl Alcohol
Concen: 40.867 ng
RT: 7.672 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 79 Resp: 805339

Ion	Ratio	Lower	Upper
79	100		
108	83.2	66.0	99.0
77	65.7	53.4	80.2

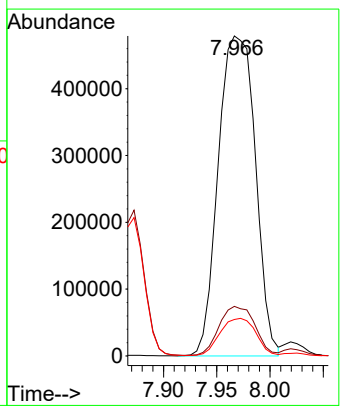


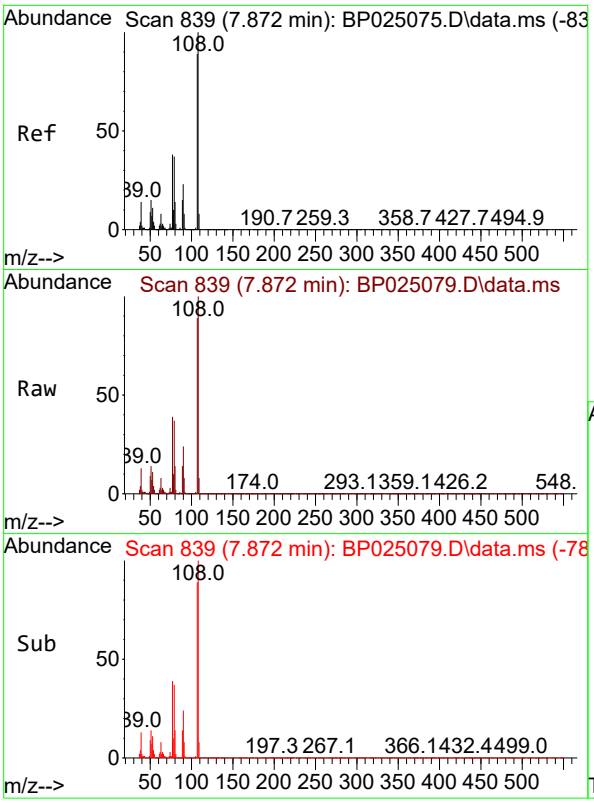


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.579 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 45 Resp: 1158172

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.8
79	11.4	0.0	30.7



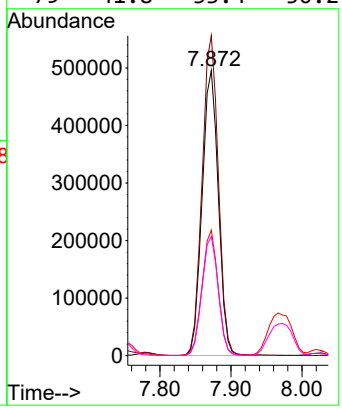


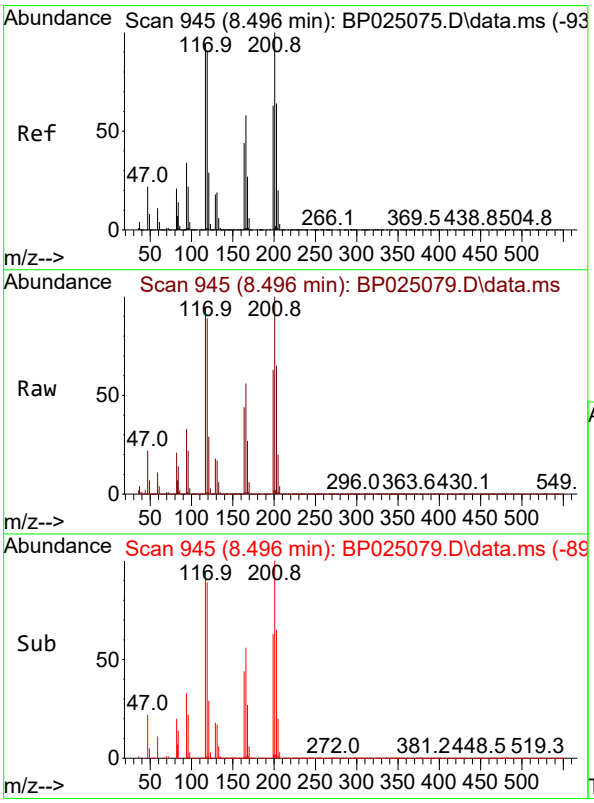
#17
2-Methylphenol
Concen: 40.721 ng
RT: 7.872 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:107 Resp: 786921

Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.7	134.5
77	44.0	34.2	51.4
79	41.8	33.4	50.2

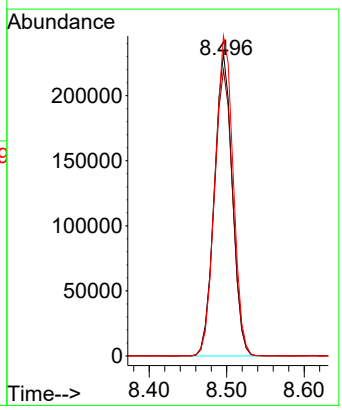


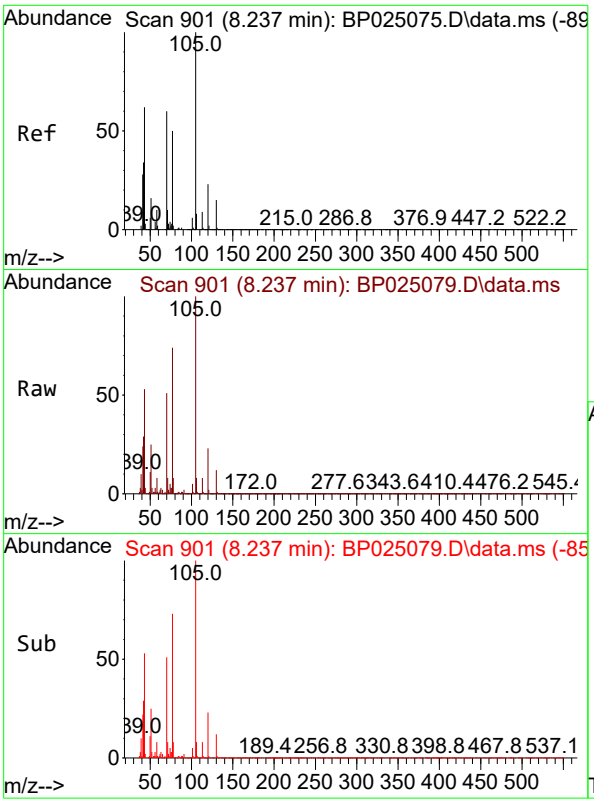


#18
Hexachloroethane
Concen: 40.115 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:117 Resp: 374849

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
201	105.8	85.4	128.2



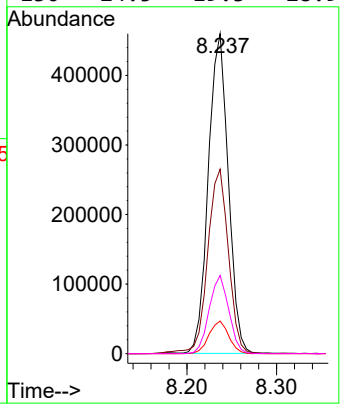


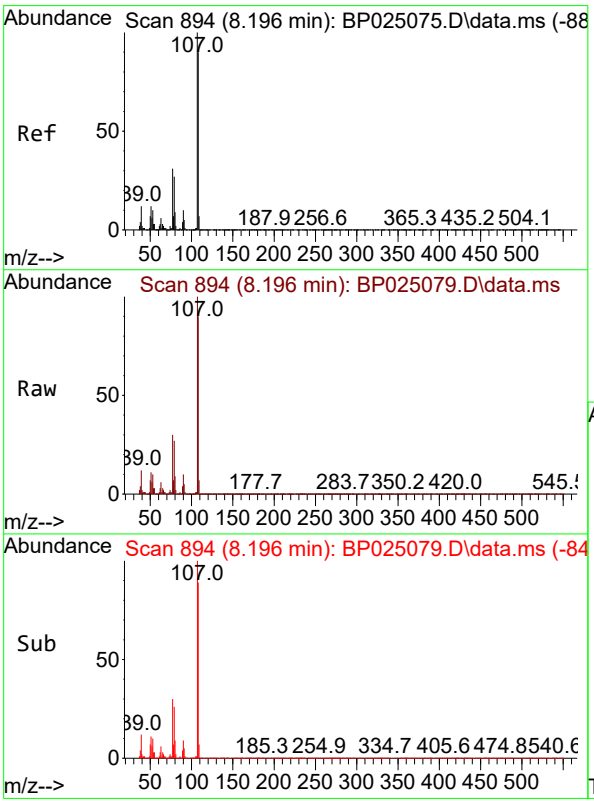
#19
n-Nitroso-di-n-propylamine
Concen: 40.521 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 70 Resp: 709521

Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.5	69.7
101	10.2	7.9	11.9
130	24.5	19.3	28.9

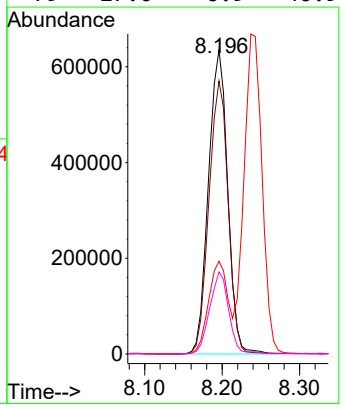


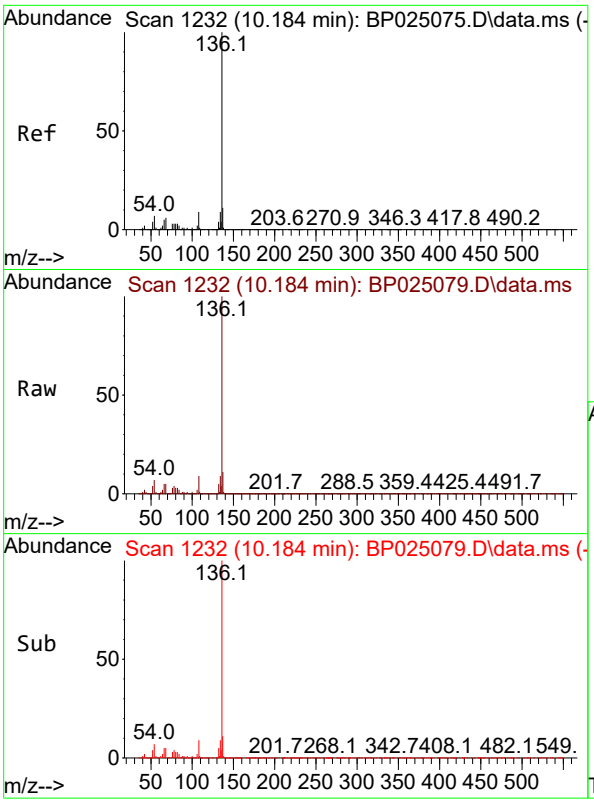


#20
3+4-Methylphenols
Concen: 40.415 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:107 Resp: 1093973

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.5	109.5
77	30.5	11.4	51.4
79	27.0	6.9	46.9



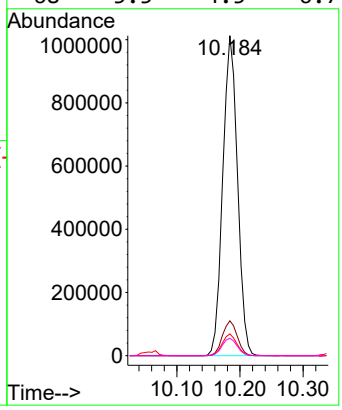


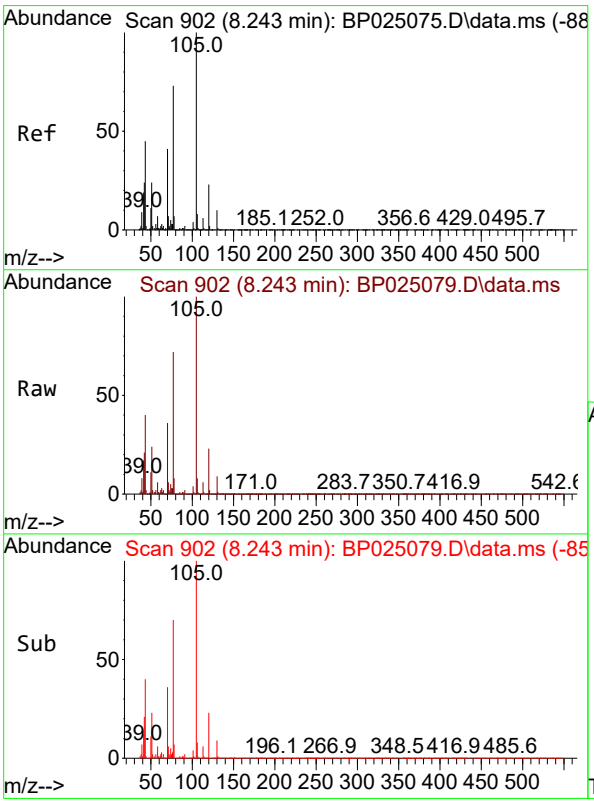
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:136 Resp: 1637601

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.4	8.2
68	5.5	4.5	6.7

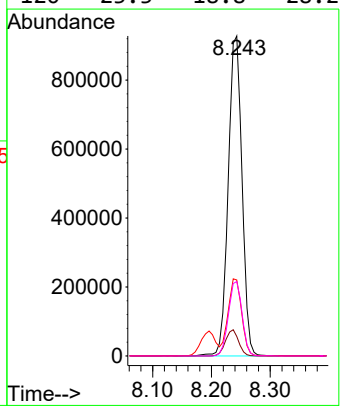


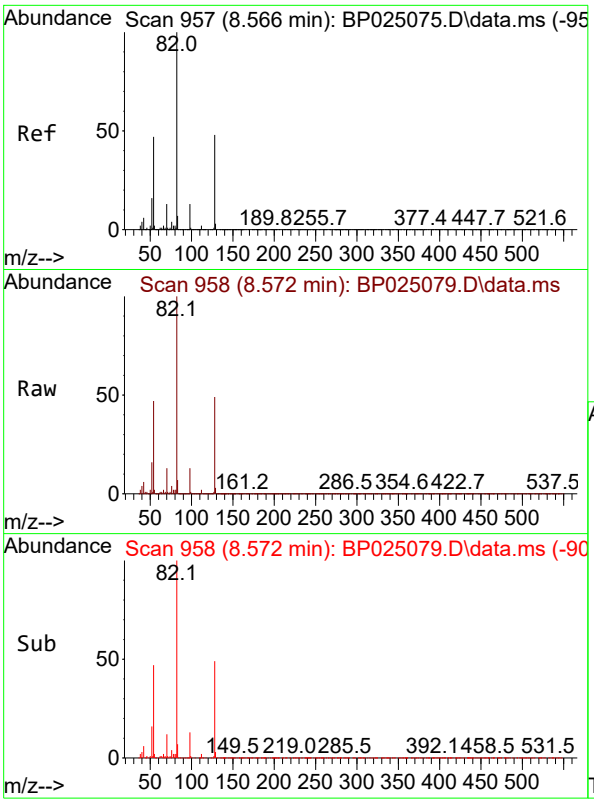


#22
Acetophenone
Concen: 38.992 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:105 Resp: 1510122

Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.4	8.2
51	23.8	19.6	29.4
120	23.3	18.8	28.2



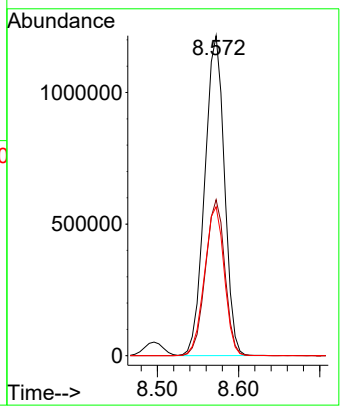


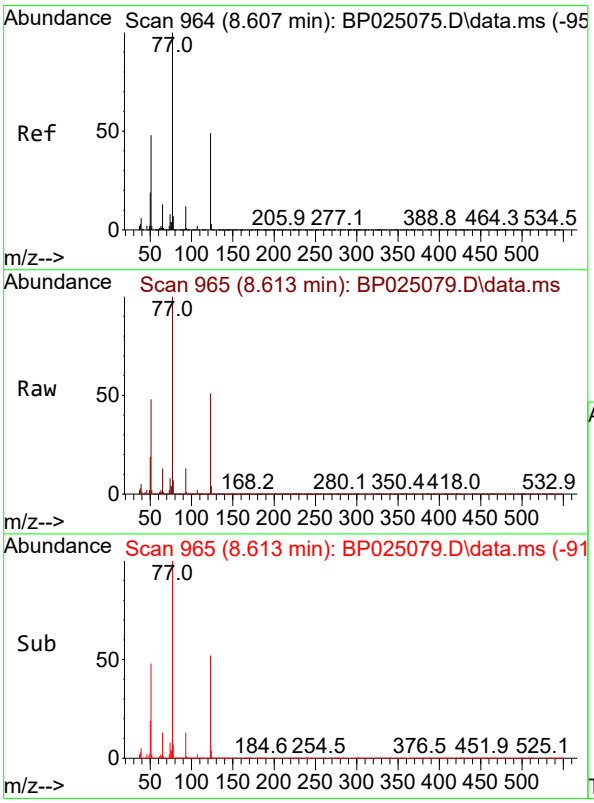
#23
Nitrobenzene-d5
Concen: 82.866 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 82 Resp: 2040461

Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.4	57.6
54	46.6	37.8	56.6

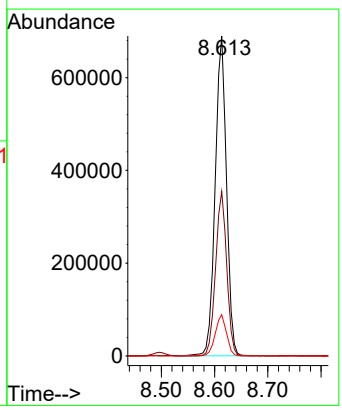


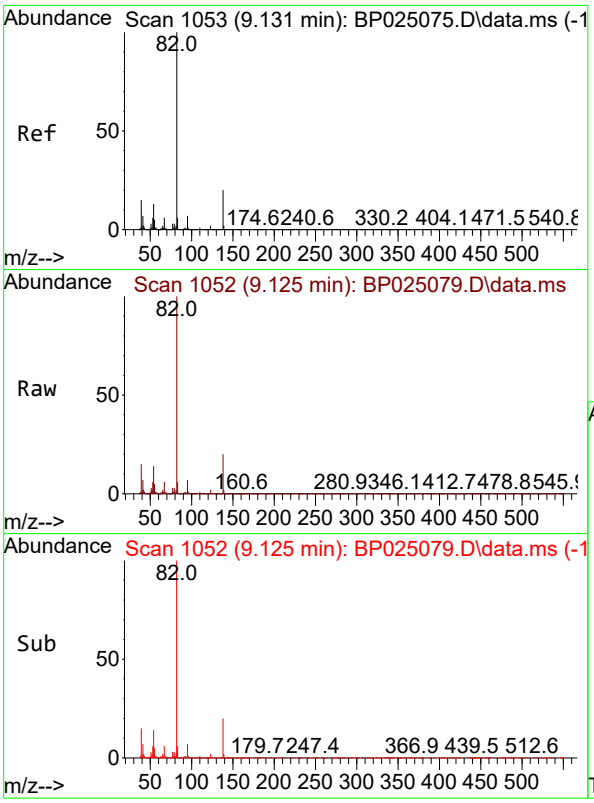


#24
Nitrobenzene
Concen: 40.369 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 77 Resp: 1012505

Ion	Ratio	Lower	Upper
77	100		
123	51.4	39.0	58.6
65	12.9	10.7	16.1



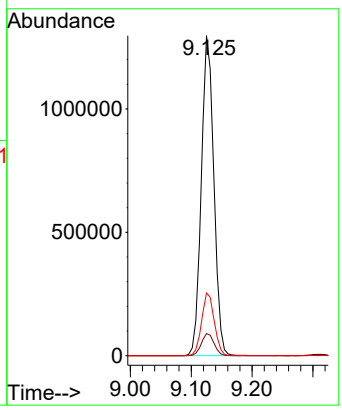


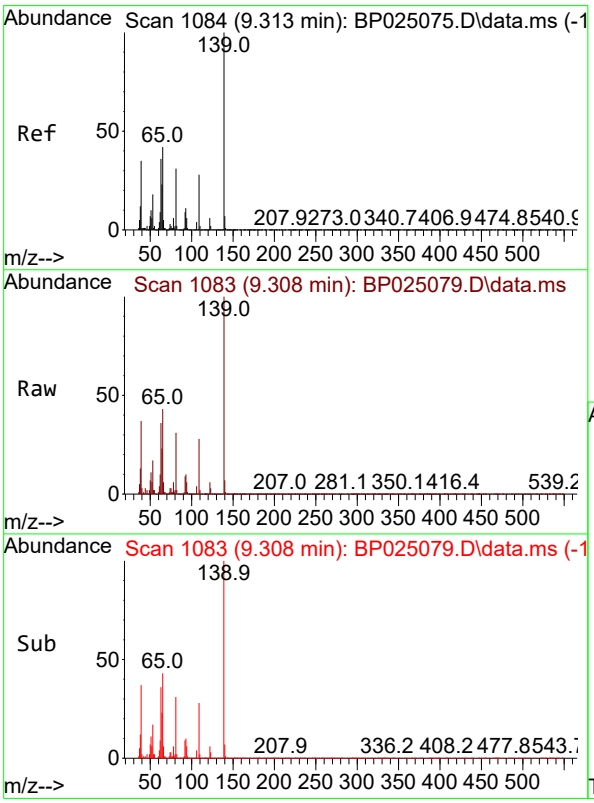
#25
Isophorone
Concen: 40.360 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 82 Resp: 1857268

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	19.6	15.7	23.5

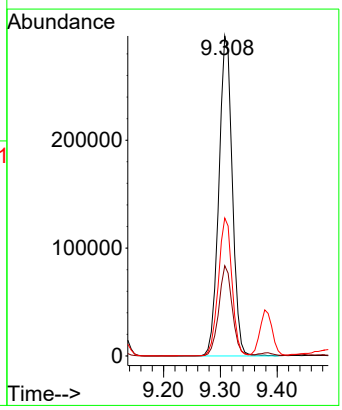


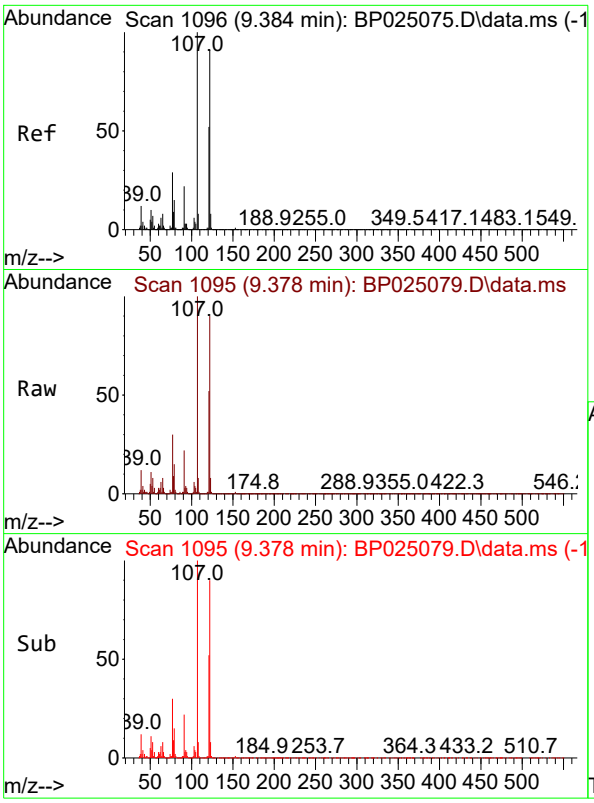


#26
2-Nitrophenol
Concen: 40.694 ng
RT: 9.308 min Scan# 1083
Delta R.T. -0.005 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:139 Resp: 488721

Ion	Ratio	Lower	Upper
139	100		
109	28.2	22.3	33.5
65	43.1	33.8	50.8



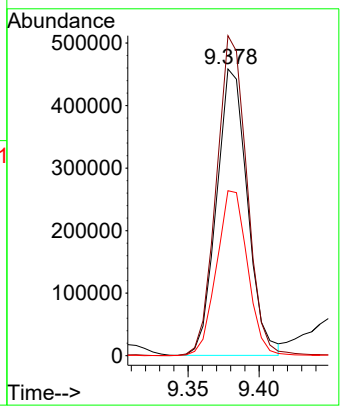


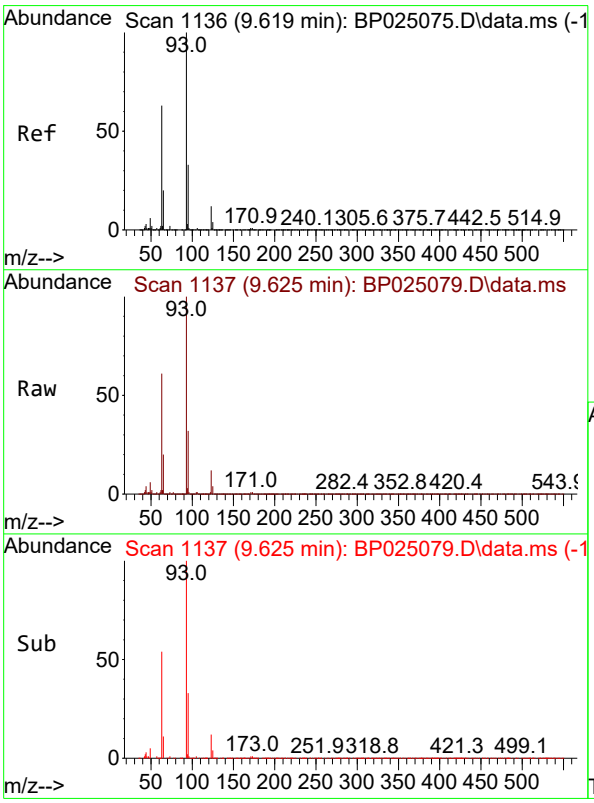
#27
2,4-Dimethylphenol
Concen: 40.332 ng
RT: 9.378 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:122 Resp: 692324

Ion	Ratio	Lower	Upper
122	100		
107	111.6	88.2	132.2
121	57.5	46.1	69.1

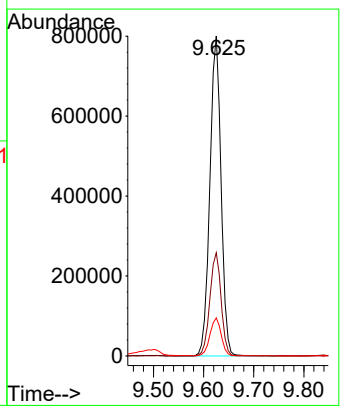


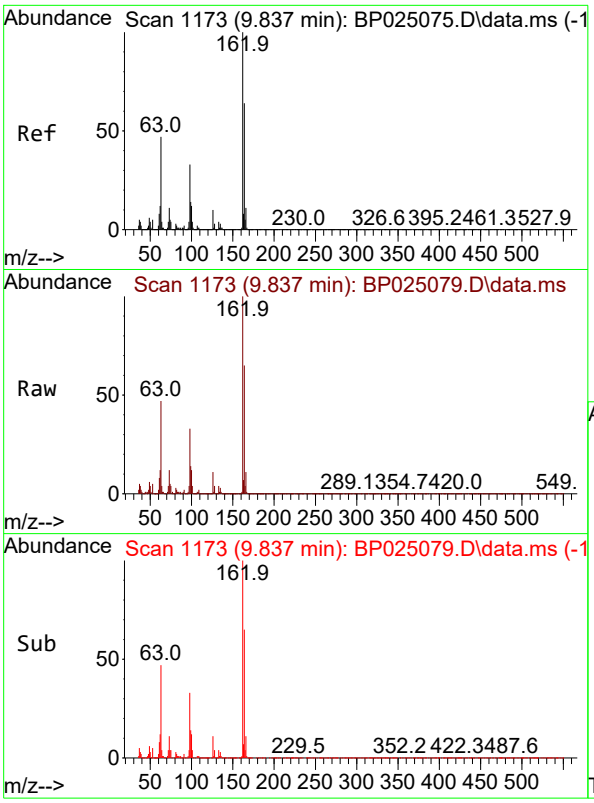


#28
bis(2-Chloroethoxy)methane
Concen: 39.567 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 93 Resp: 1236294

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.9	10.1	15.1



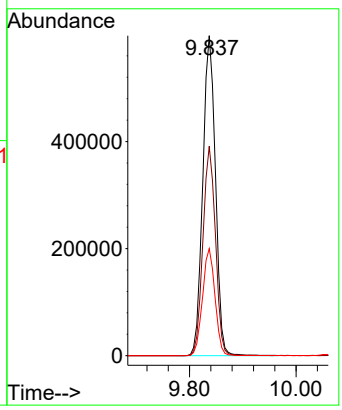


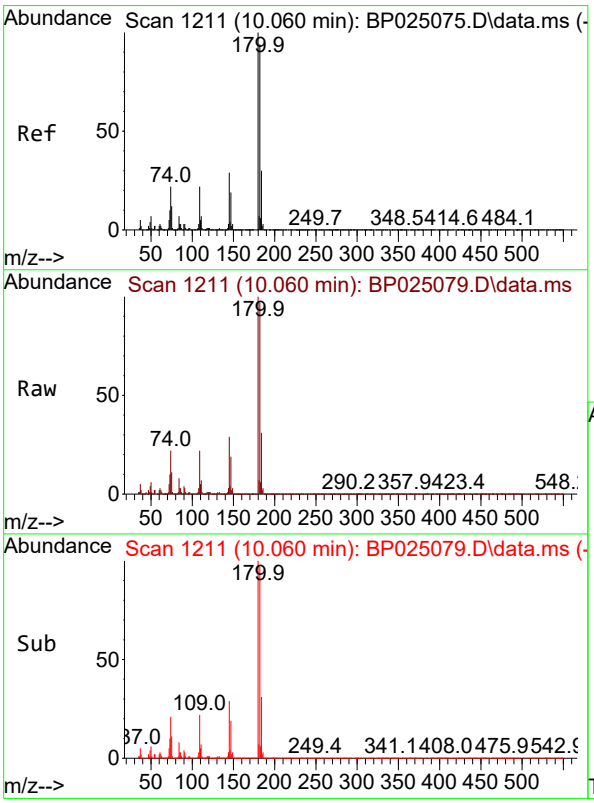
#29
2,4-Dichlorophenol
Concen: 41.412 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:162 Resp: 985707

Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.1	84.1
98	33.4	13.1	53.1

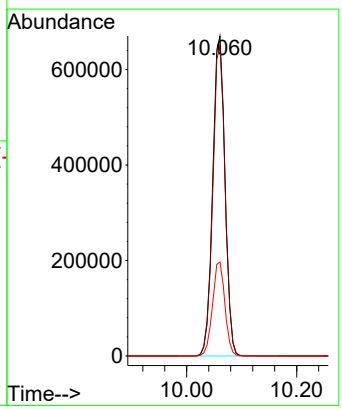


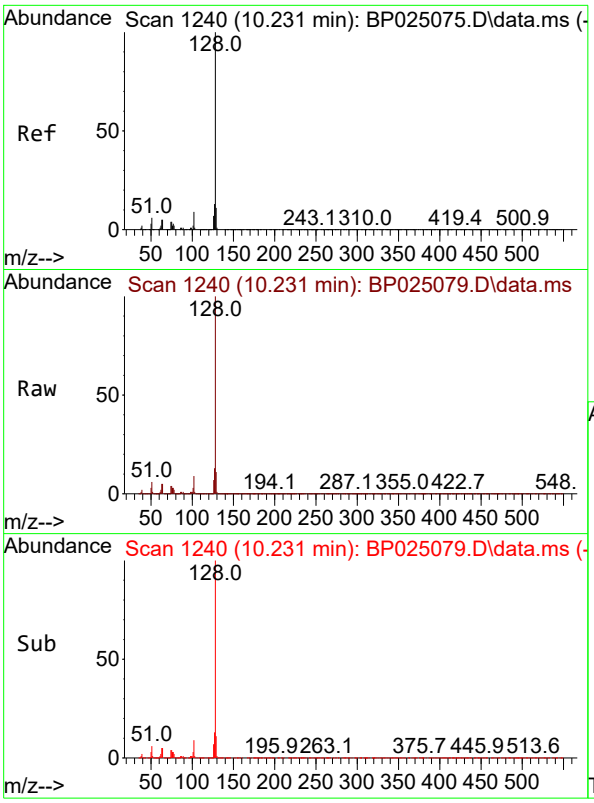


#30
1,2,4-Trichlorobenzene
Concen: 39.571 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:180 Resp: 1043043

Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.1	112.7
145	29.4	23.3	34.9



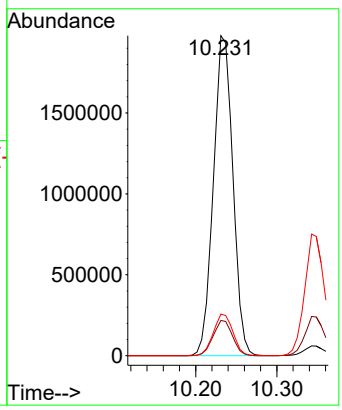


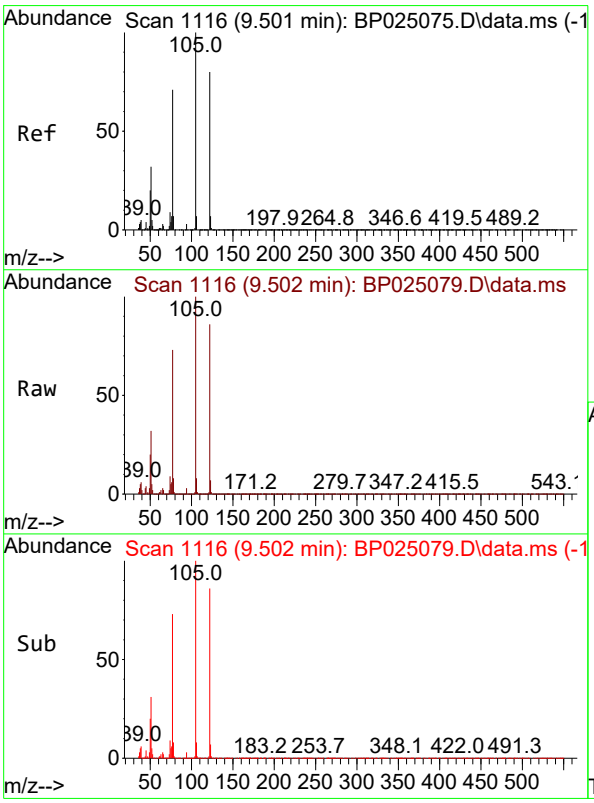
#31
Naphthalene
Concen: 39.170 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:128 Resp: 3302943

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.4	15.6

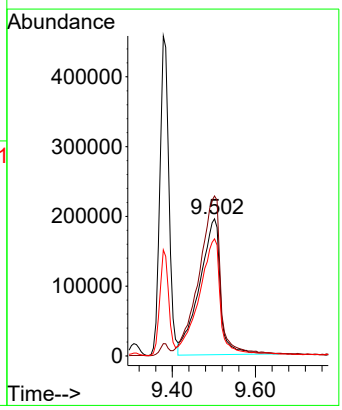


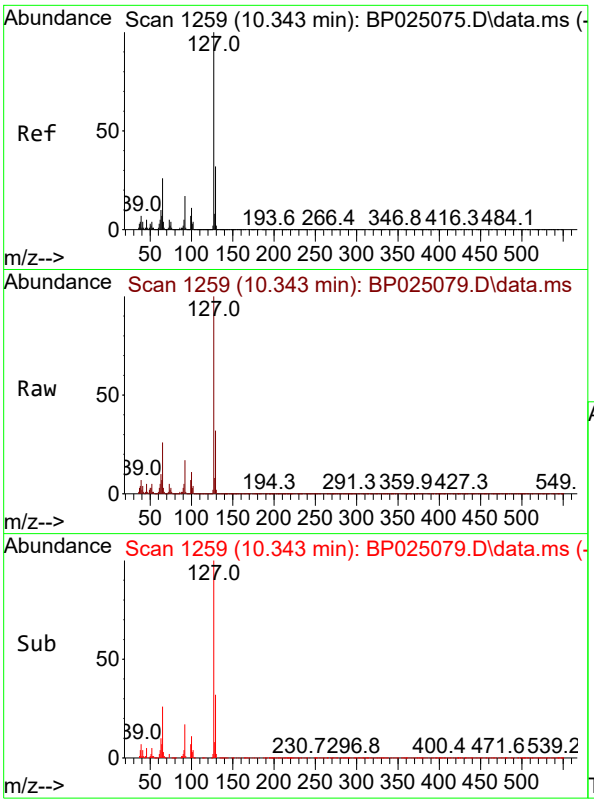


#32
Benzoic acid
Concen: 40.952 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.001 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:122 Resp: 684343

Ion	Ratio	Lower	Upper
122	100		
105	116.7	101.0	141.0
77	85.5	67.6	107.6



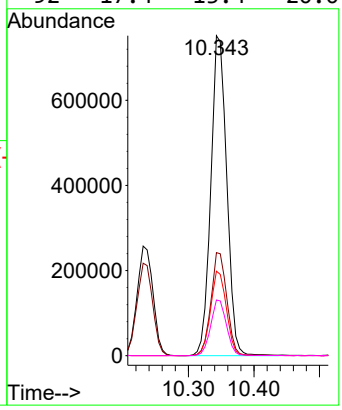


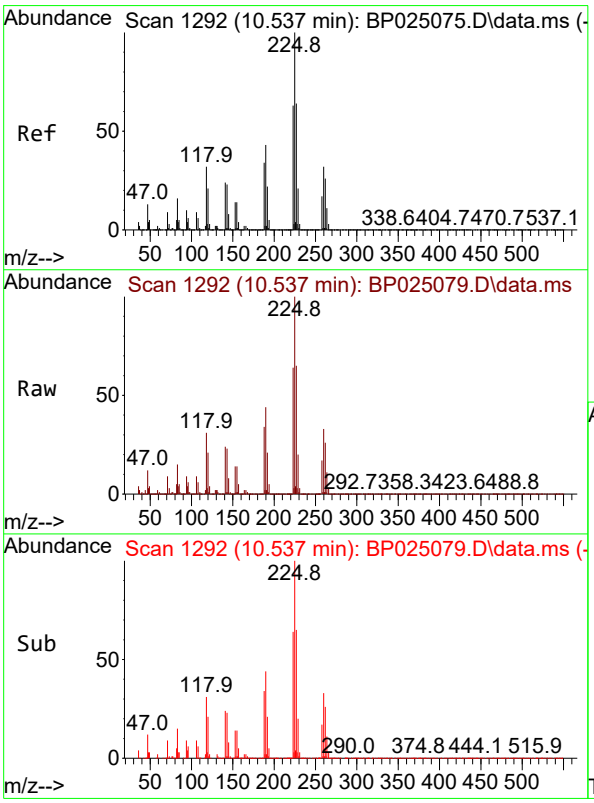
#33
4-Chloroaniline
Concen: 40.229 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:127 Resp: 1265959

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	26.4	21.0	31.6
92	17.4	13.4	20.0

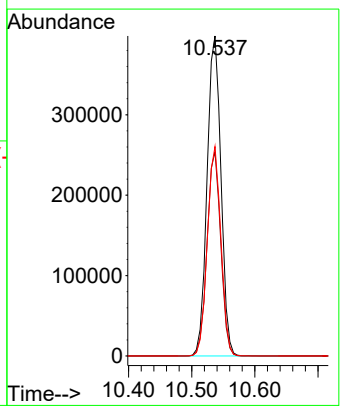


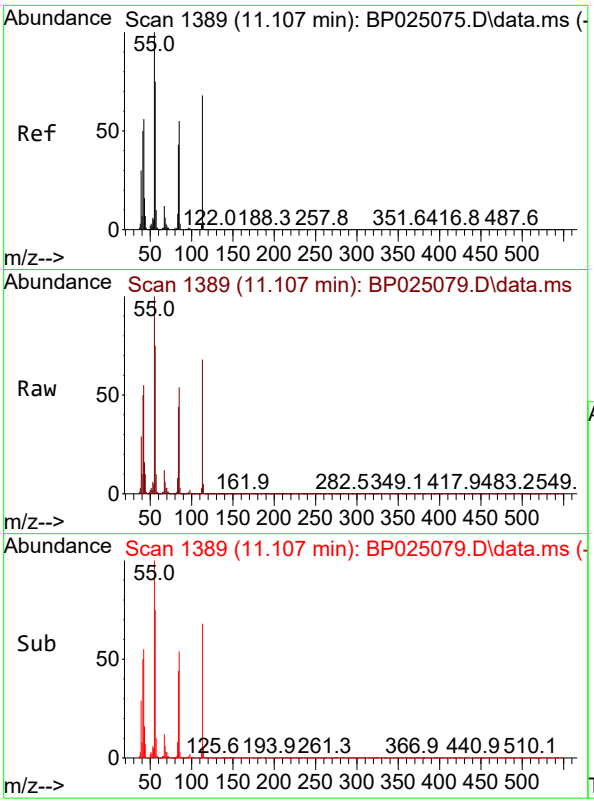


#34
Hexachlorobutadiene
Concen: 40.154 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:225 Resp: 607380

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	65.5	51.3	76.9



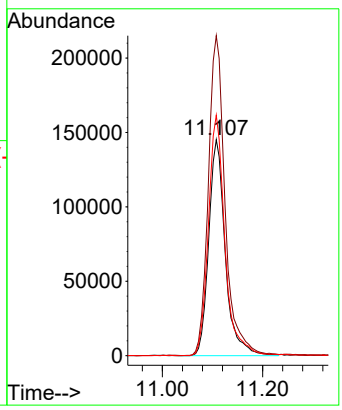


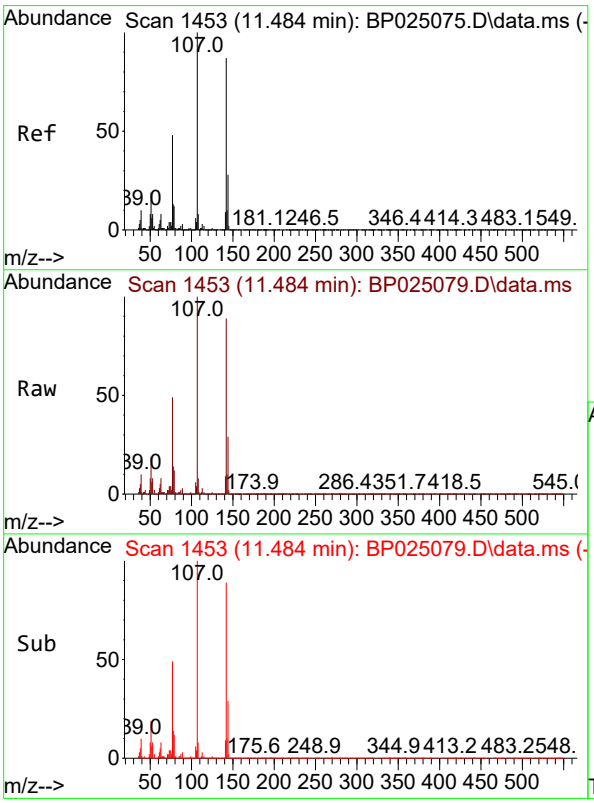
#35
Caprolactam
Concen: 40.864 ng
RT: 11.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:113 Resp: 332744

Ion	Ratio	Lower	Upper
113	100		
55	148.1	128.1	168.1
56	111.3	90.7	130.7

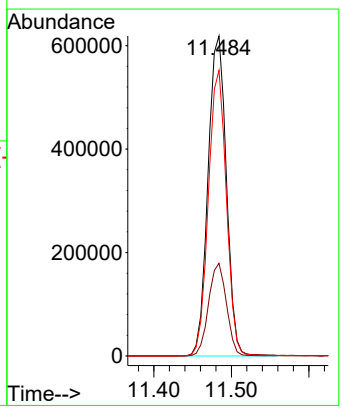


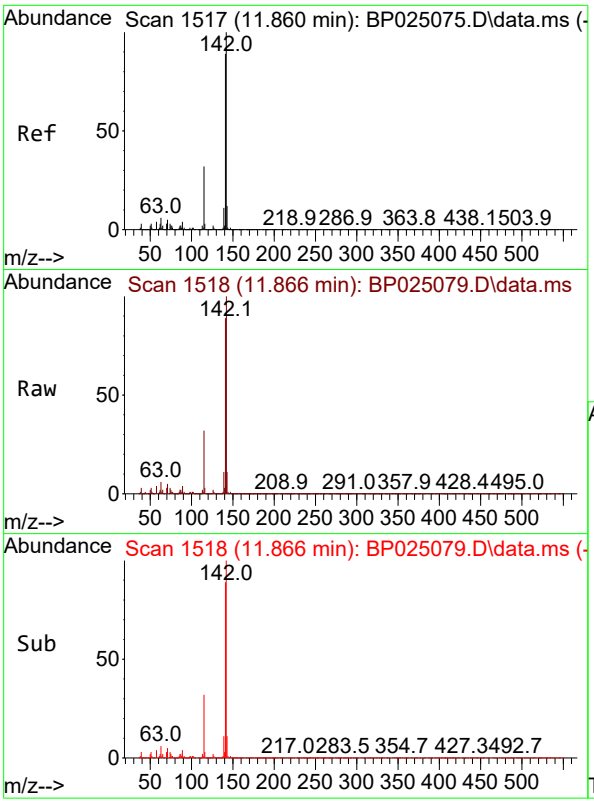


#36
4-Chloro-3-methylphenol
Concen: 40.967 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:107 Resp: 1018998

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.4	33.6
142	89.3	69.6	104.4



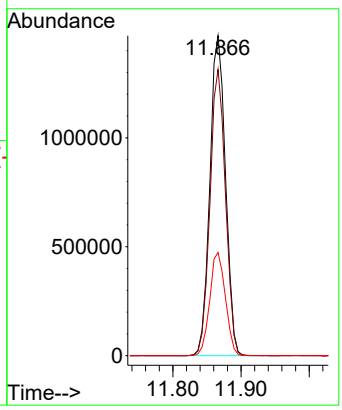


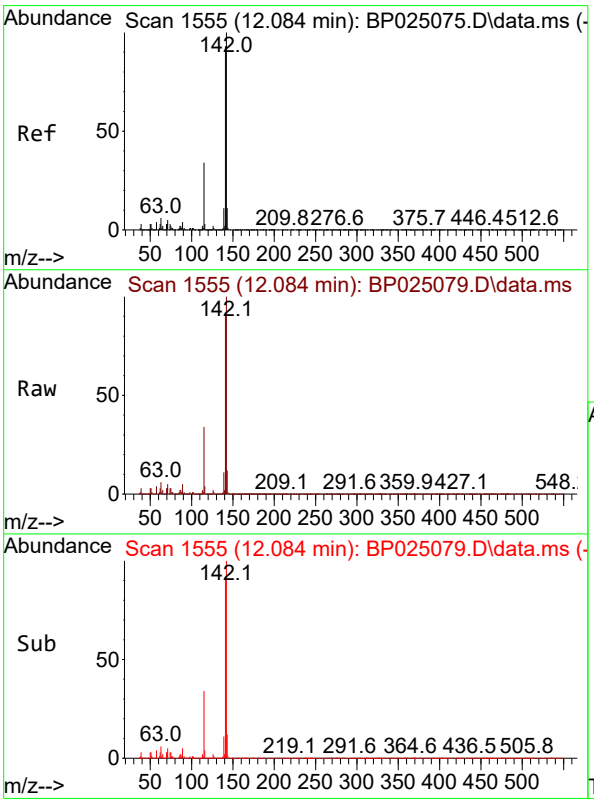
#37
2-Methylnaphthalene
Concen: 39.345 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:142 Resp: 2340864

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	32.3	25.9	38.9

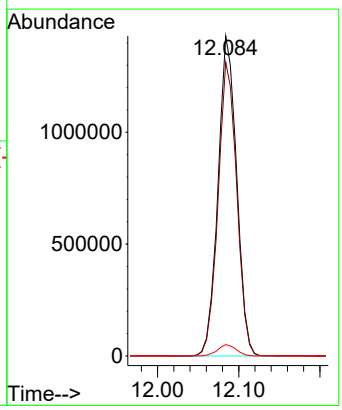


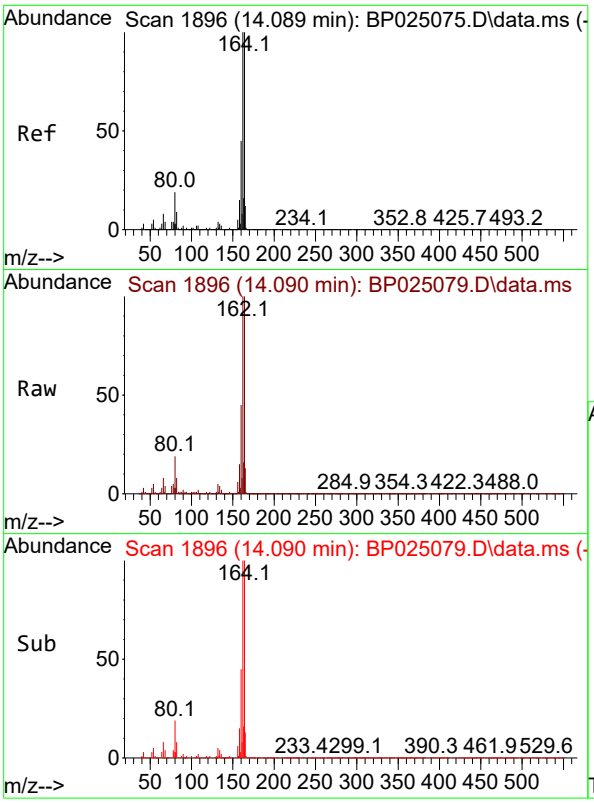


#38
1-Methylnaphthalene
Concen: 39.301 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:142 Resp: 2280444

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.1	111.1
116	3.5	2.7	4.1



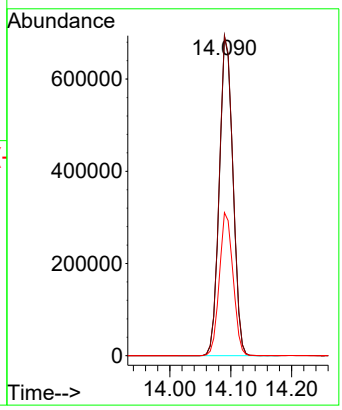


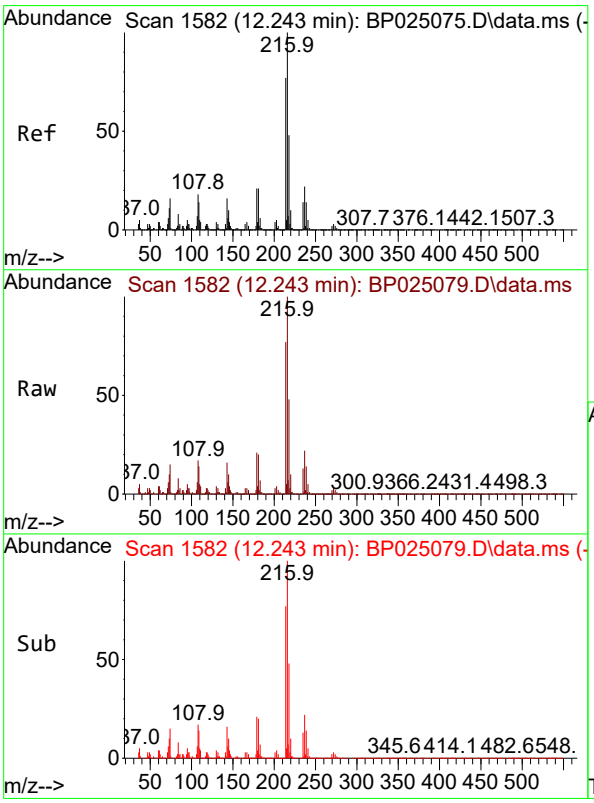
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:164 Resp: 1071158

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.3	120.5
160	44.8	35.9	53.9

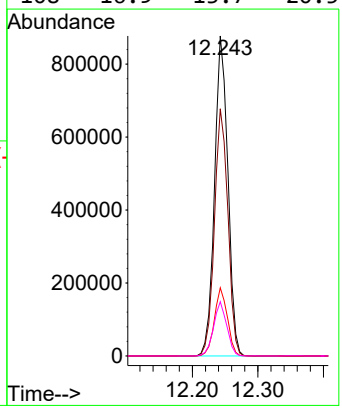


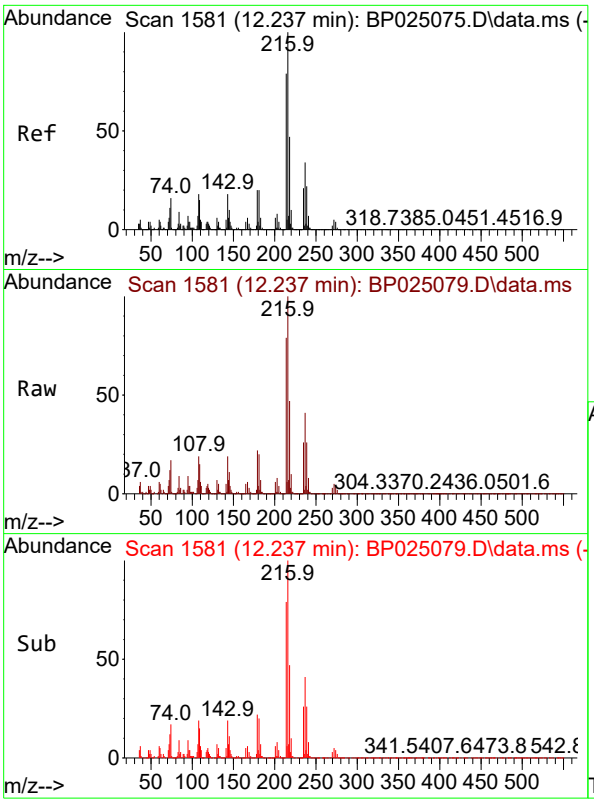


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.072 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:216 Resp: 1233612

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.4	93.6
179	20.8	16.5	24.7
108	16.9	13.7	20.5



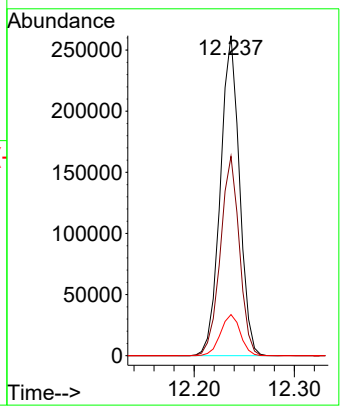


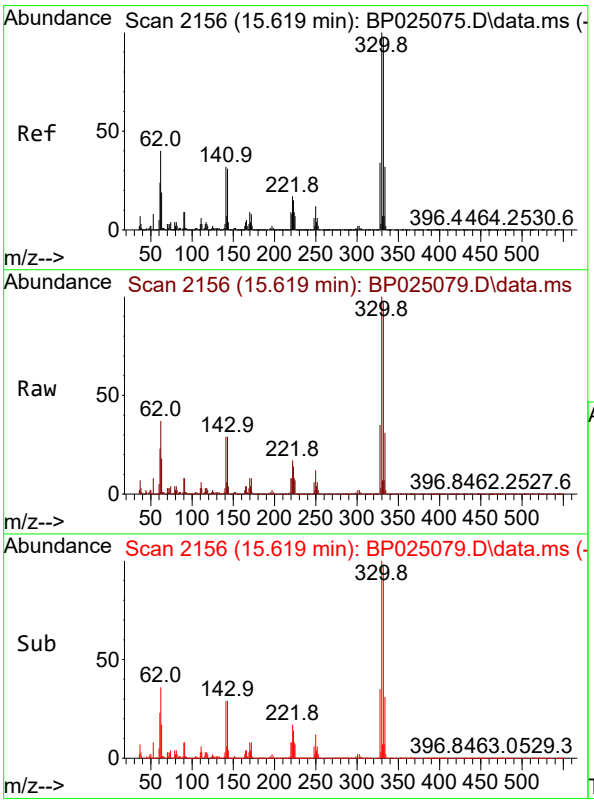
#41
Hexachlorocyclopentadiene
Concen: 42.989 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:237 Resp: 345683

Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.6	81.6
272	12.9	0.0	33.6

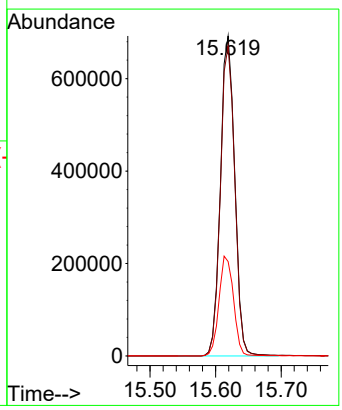


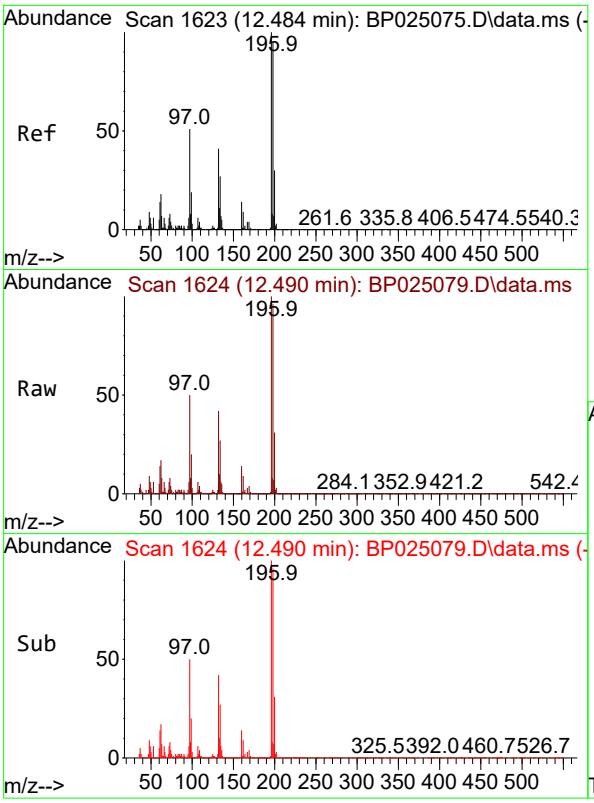


#42
2,4,6-Tribromophenol
Concen: 82.624 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:330 Resp: 1045523

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	31.7	26.0	39.0



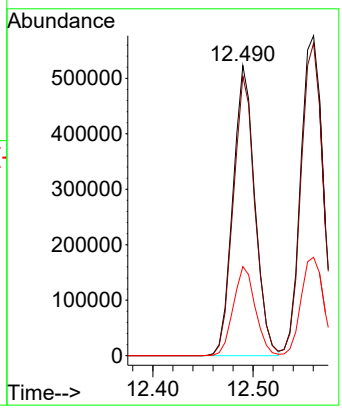


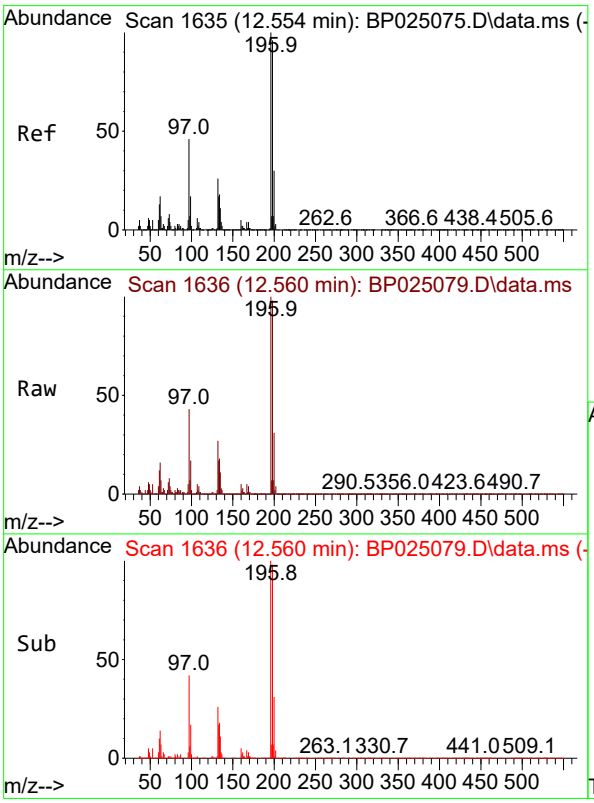
#43
2,4,6-Trichlorophenol
Concen: 42.646 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:196 Resp: 794957

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.2	114.2
200	30.7	24.3	36.5

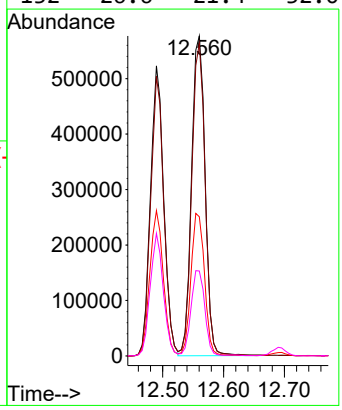


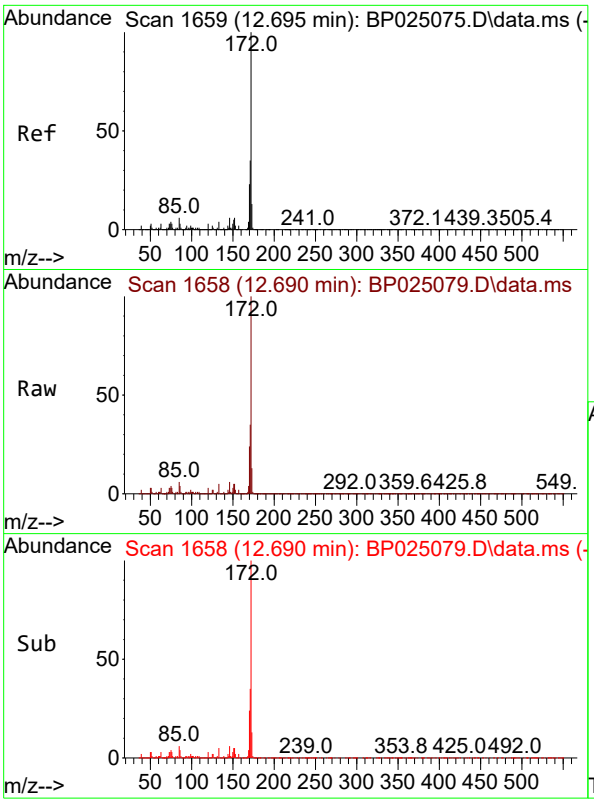


#44
2,4,5-Trichlorophenol
Concen: 42.335 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:196 Resp: 894337

Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.6	115.0
97	43.5	36.6	55.0
132	26.6	21.4	32.0



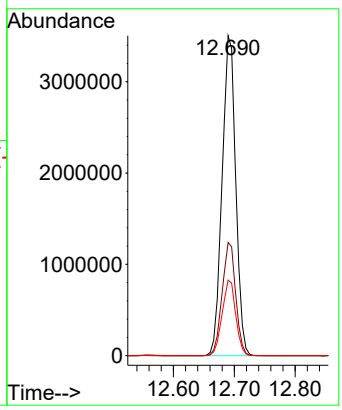


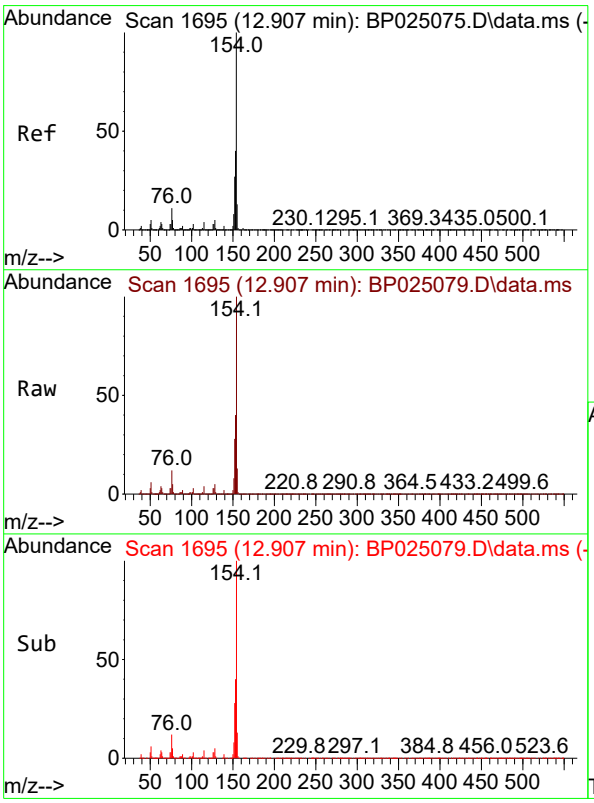
#45
2-Fluorobiphenyl
Concen: 78.712 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:172 Resp: 5442492

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.6	18.7	28.1

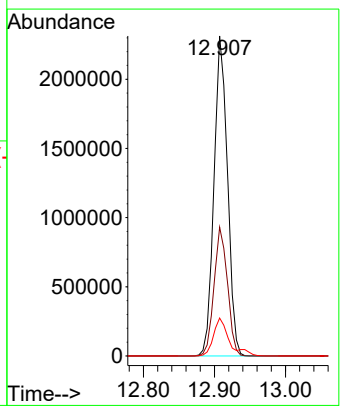


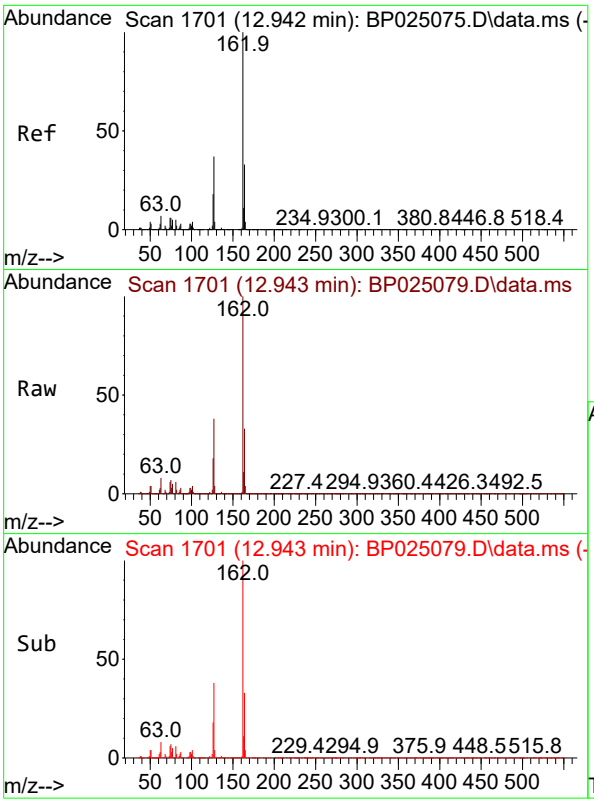


#46
1,1'-Biphenyl
Concen: 39.032 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:154 Resp: 3042013

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	11.9	0.0	31.5



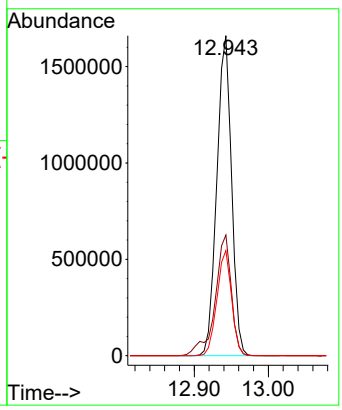


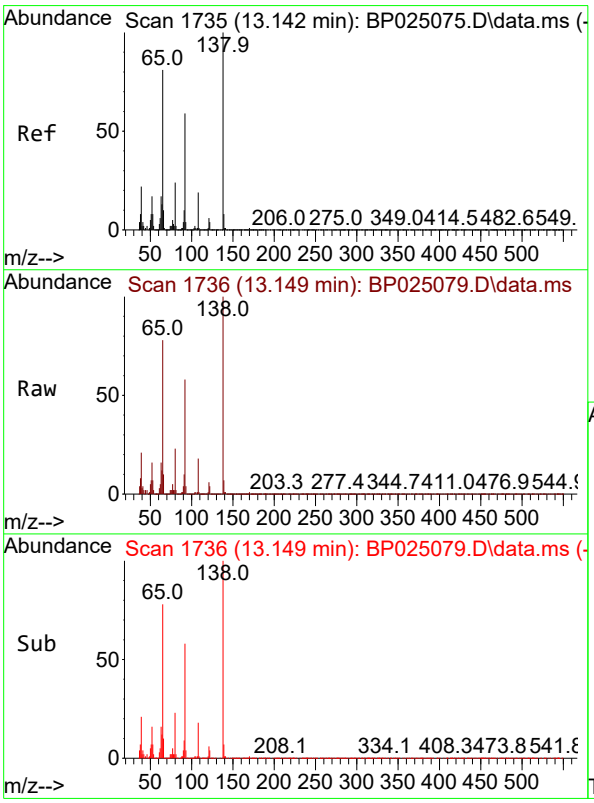
#47
2-Chloronaphthalene
Concen: 39.210 ng
RT: 12.943 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:162 Resp: 2296829

Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.4	44.2
164	32.9	26.4	39.6

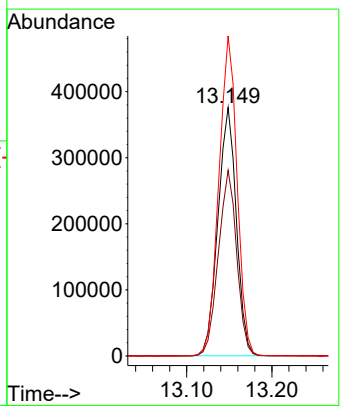


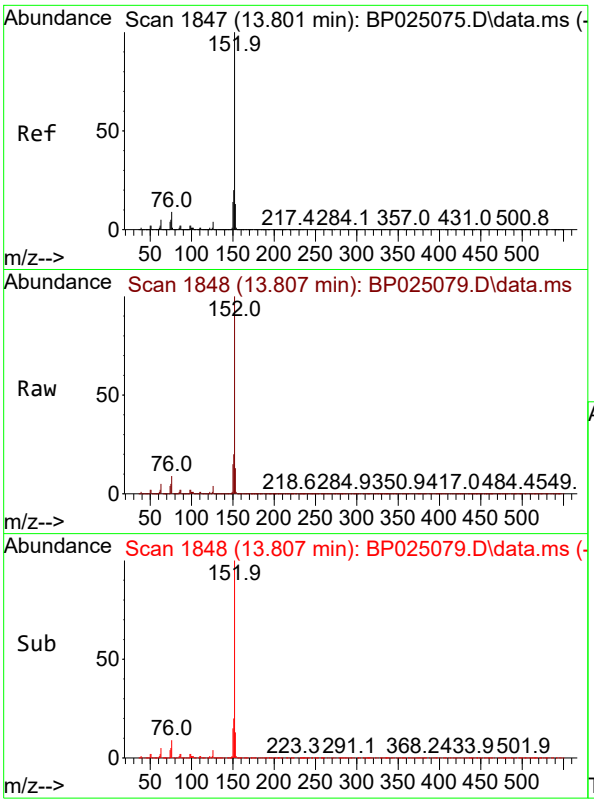


#48
2-Nitroaniline
Concen: 39.894 ng
RT: 13.149 min Scan# 1736
Delta R.T. 0.007 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 65 Resp: 565340

Ion	Ratio	Lower	Upper
65	100		
92	74.7	58.7	88.1
138	128.8	99.0	148.4



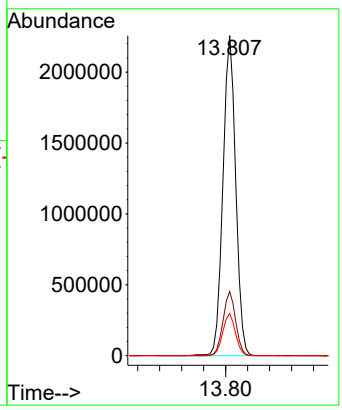


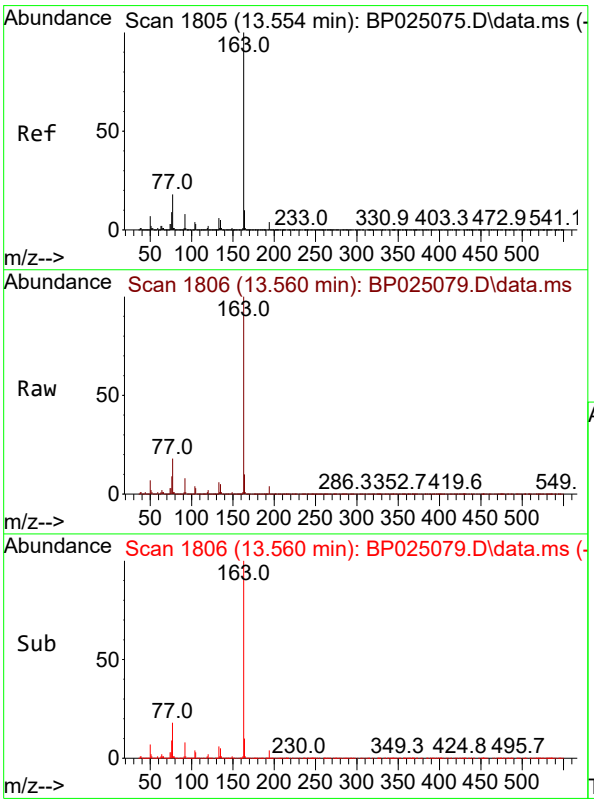
#49
Acenaphthylene
Concen: 40.431 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:152 Resp: 3624825

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.2	10.7	16.1

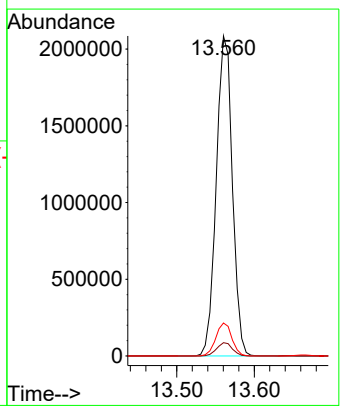


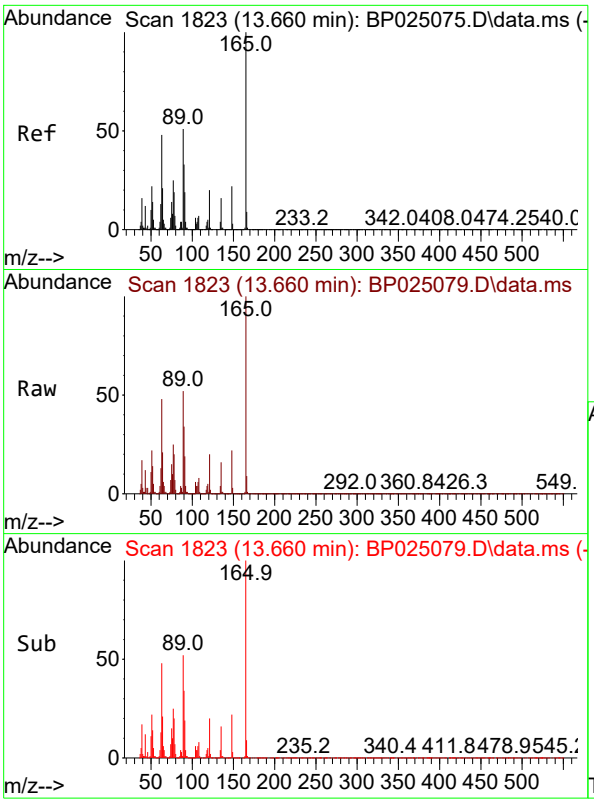


#50
Dimethylphthalate
Concen: 40.131 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:163 Resp: 3009077

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.0	12.0



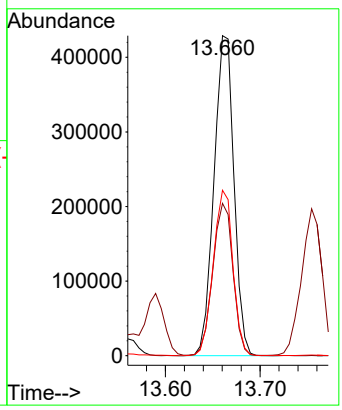


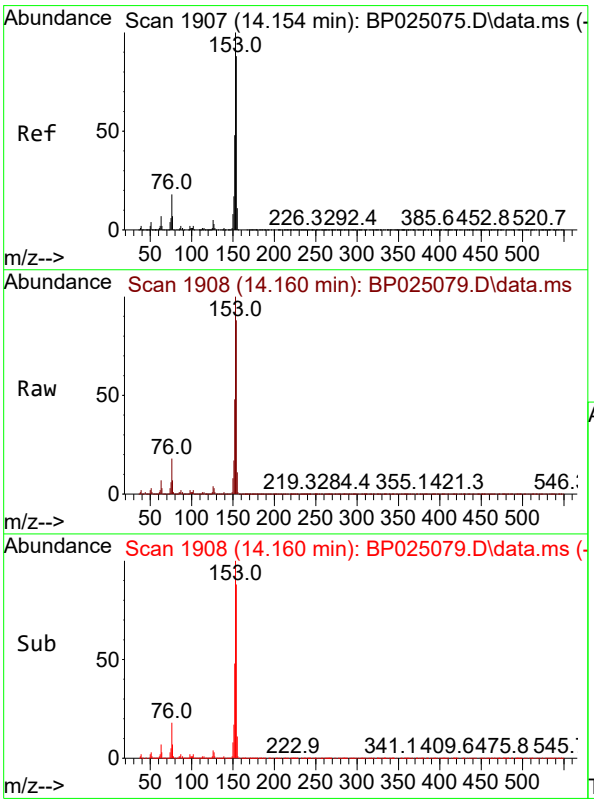
#51
2,6-Dinitrotoluene
Concen: 42.919 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:165 Resp: 627637

Ion	Ratio	Lower	Upper
165	100		
63	47.6	38.5	57.7
89	51.7	40.6	61.0

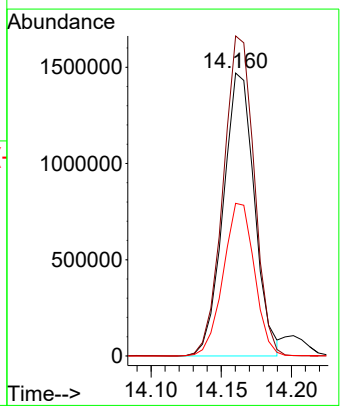


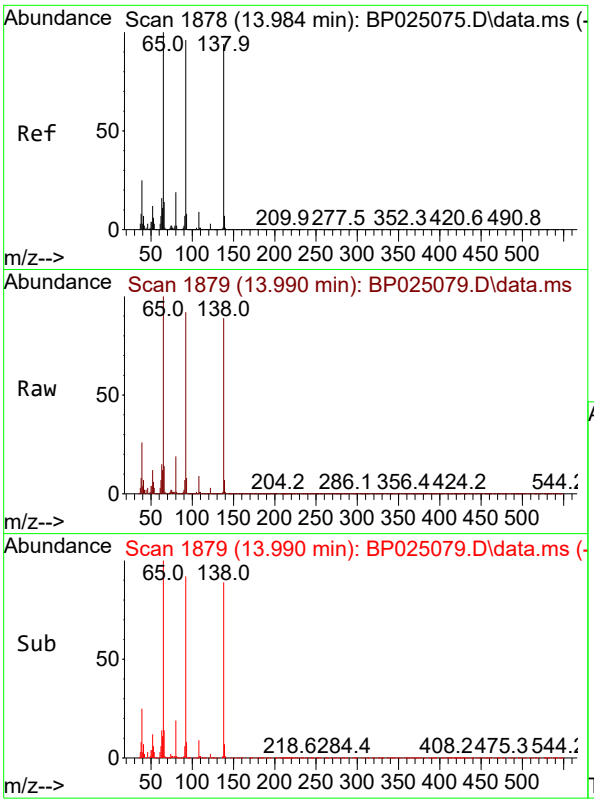


#52
Acenaphthene
Concen: 39.318 ng m
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:154 Resp: 2271995

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.6	136.0
152	54.0	43.8	65.8



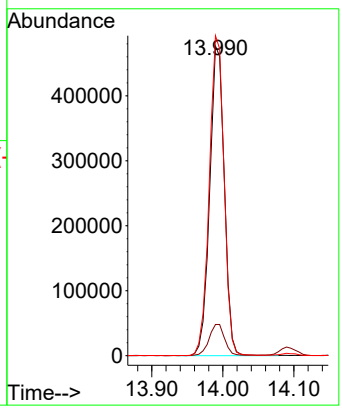


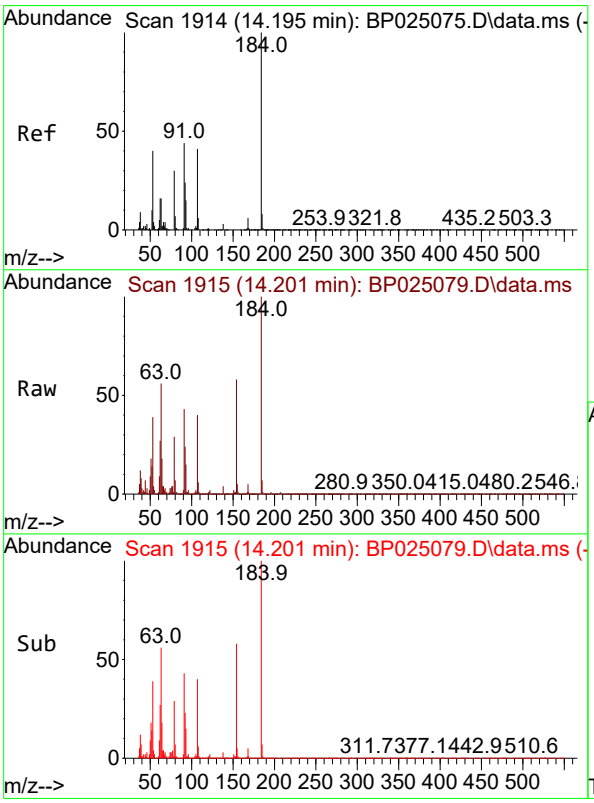
#53
3-Nitroaniline
Concen: 43.418 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:138 Resp: 680440

Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	103.4	81.0	121.4

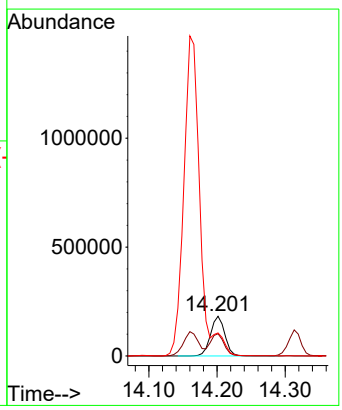


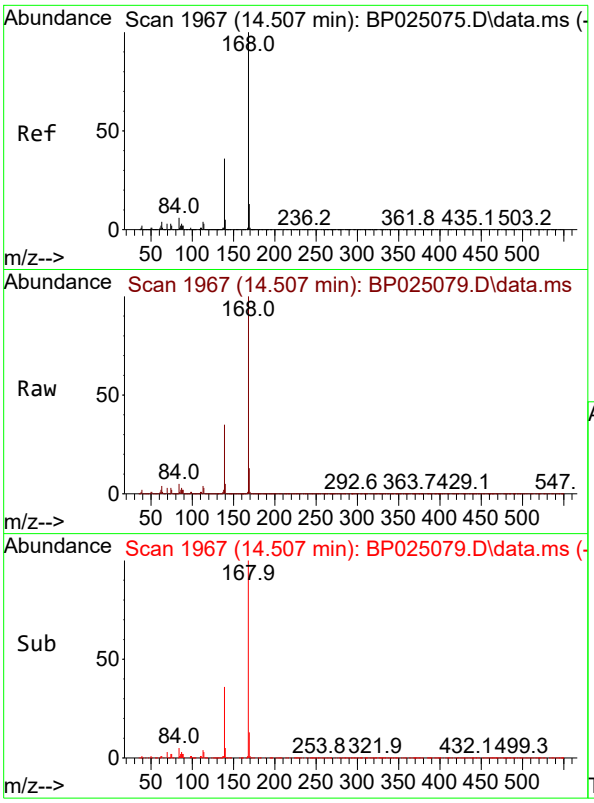


#54
2,4-Dinitrophenol
Concen: 40.066 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:184 Resp: 265751

Ion	Ratio	Lower	Upper
184	100		
63	56.1	47.4	71.0
154	58.1	47.8	71.8



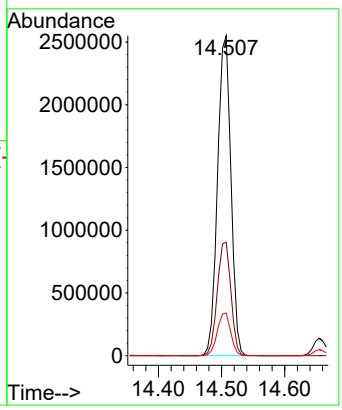


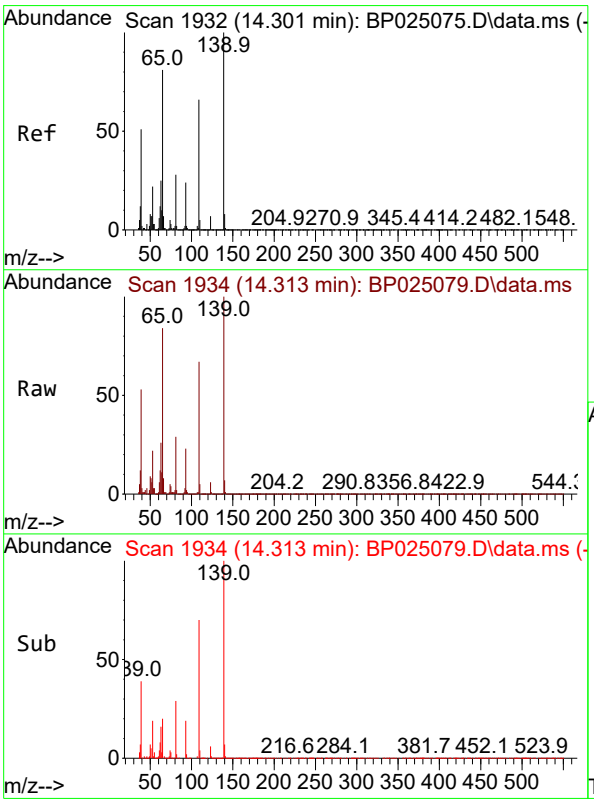
#55
Dibenzofuran
Concen: 39.220 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:168 Resp: 3740234

Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.6	43.0
169	13.4	10.7	16.1

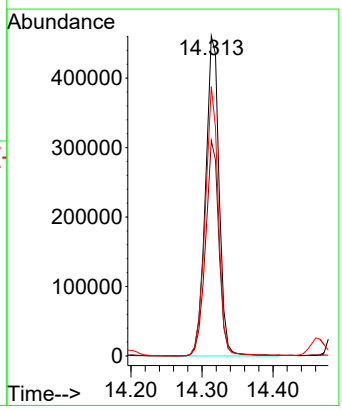


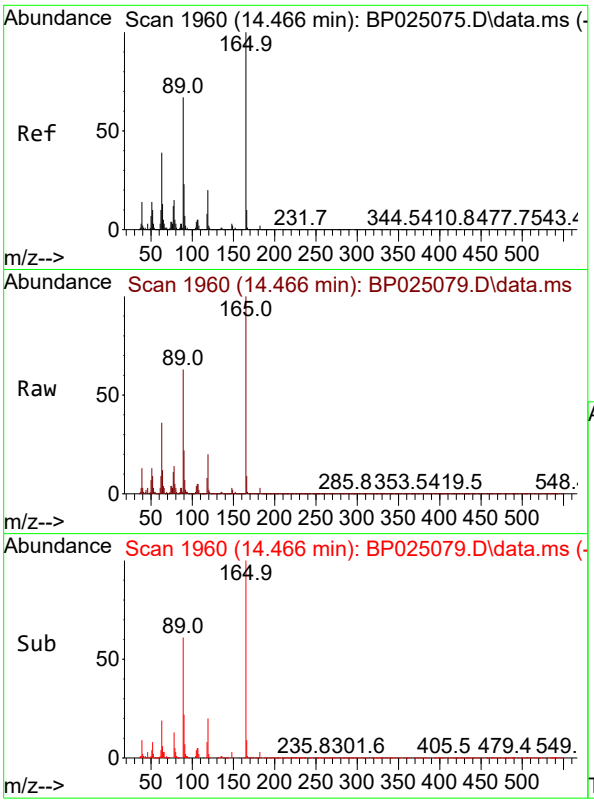


#56
4-Nitrophenol
Concen: 42.369 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:139 Resp: 612774

Ion	Ratio	Lower	Upper
139	100		
109	67.3	45.9	85.9
65	84.2	61.4	101.4



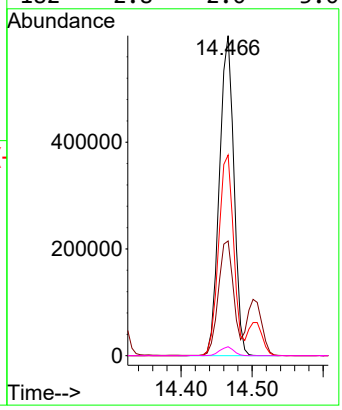


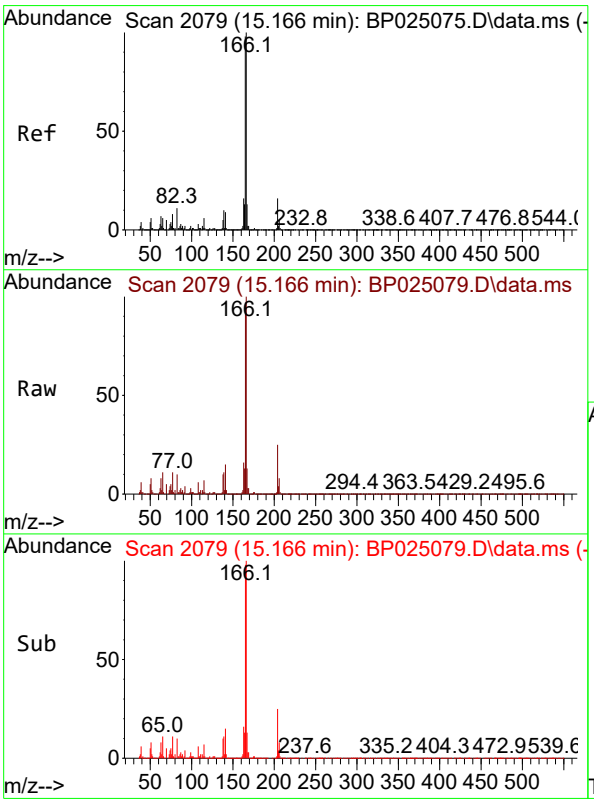
#57
2,4-Dinitrotoluene
Concen: 39.932 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:165 Resp: 846954

Ion	Ratio	Lower	Upper
165	100		
63	35.8	31.0	46.4
89	62.7	53.4	80.0
182	2.8	2.0	3.0

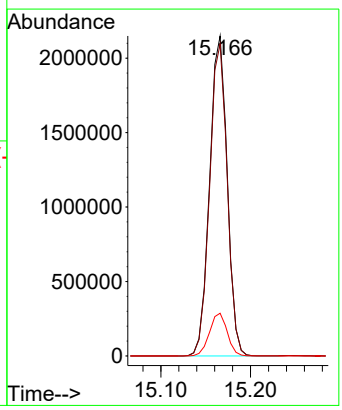


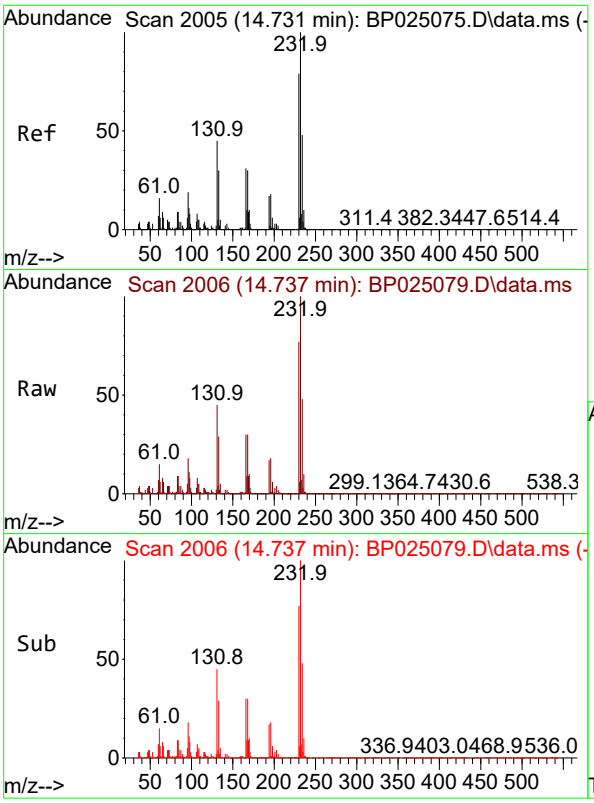


#58
Fluorene
Concen: 39.662 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:166 Resp: 2925541

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.3	10.7	16.1



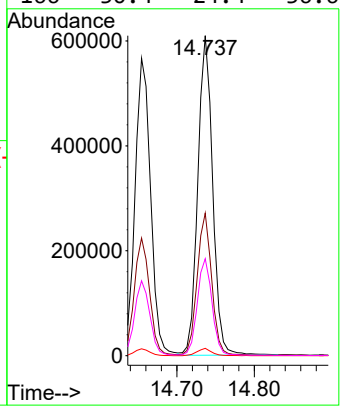


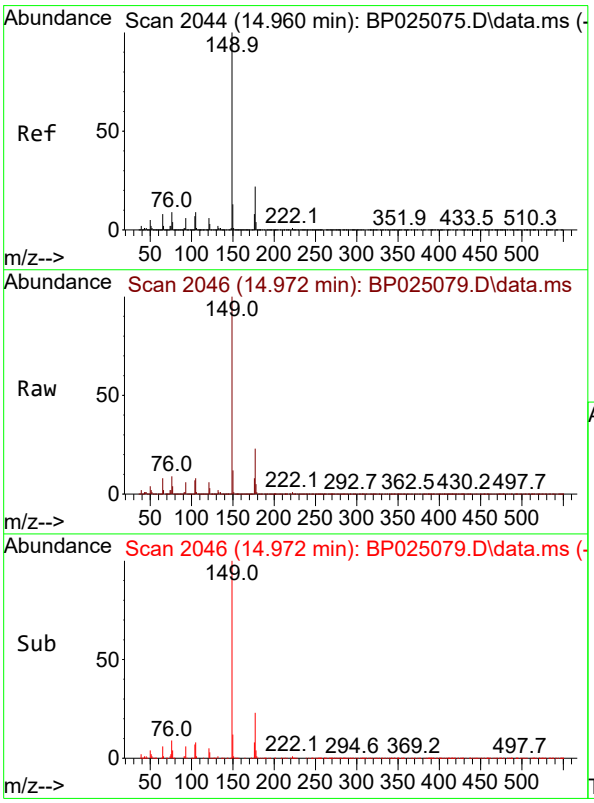
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.414 ng
RT: 14.737 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:232 Resp: 811401

Ion	Ratio	Lower	Upper
232	100		
131	43.6	35.7	53.5
130	2.2	1.8	2.6
166	30.4	24.4	36.6

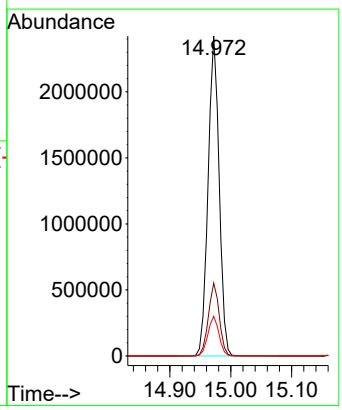


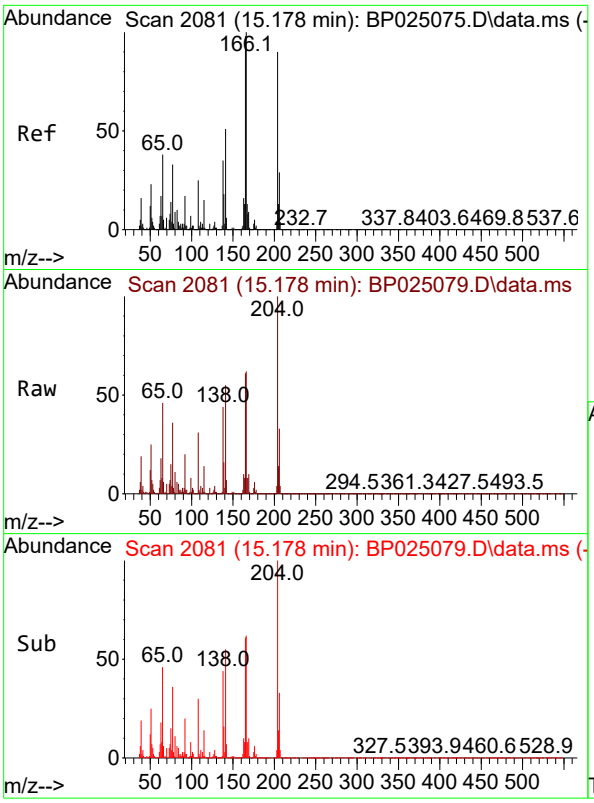


#60
Diethylphthalate
Concen: 40.587 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 3056611

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.8
150	12.4	10.2	15.2



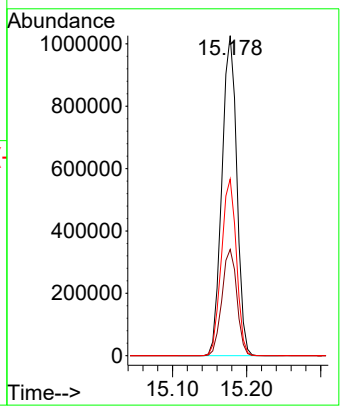


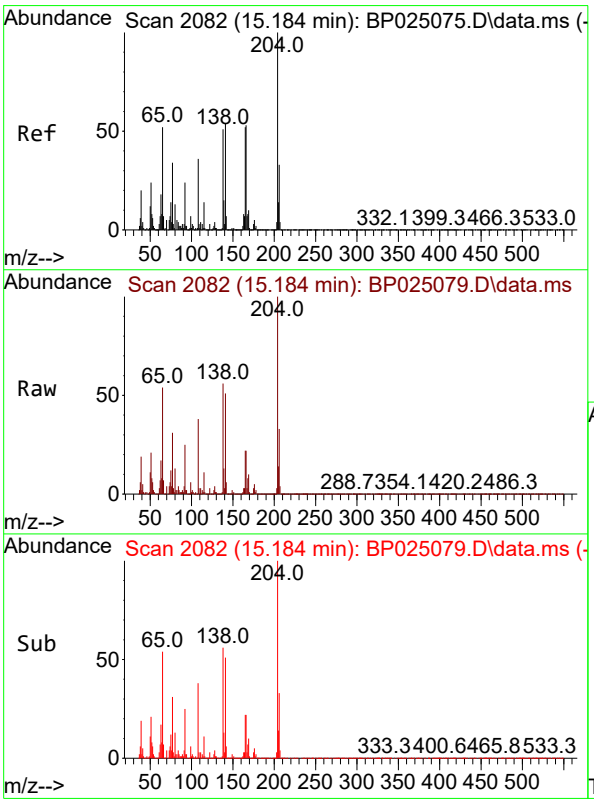
#61
4-Chlorophenyl-phenylether
Concen: 39.198 ng
RT: 15.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:204 Resp: 1430883

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.6
141	55.2	45.1	67.7

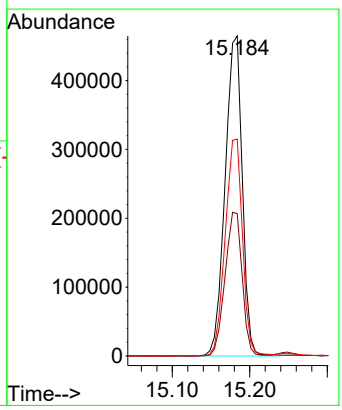


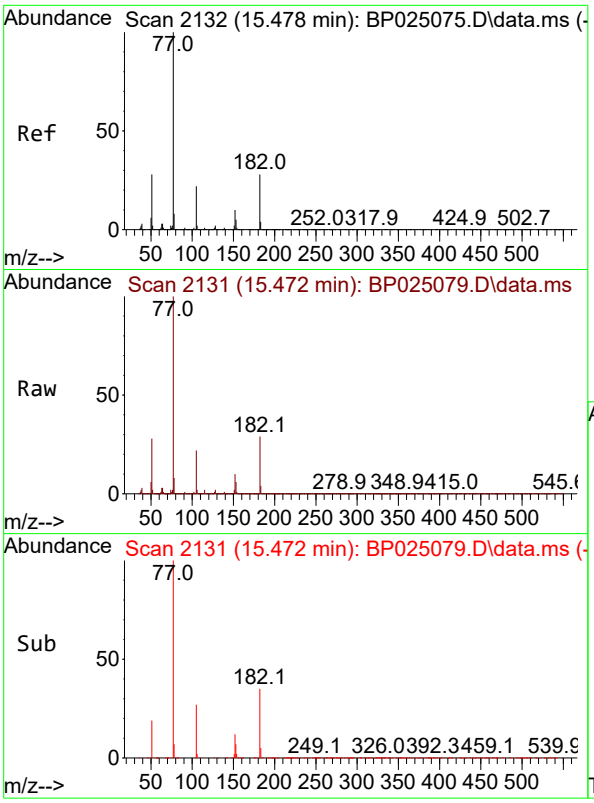


#62
4-Nitroaniline
Concen: 43.550 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:138 Resp: 715671

Ion	Ratio	Lower	Upper
138	100		
92	44.5	26.0	66.0
108	67.8	50.0	90.0



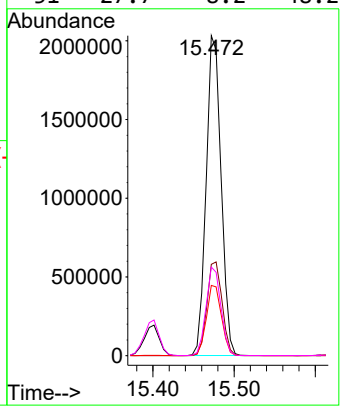


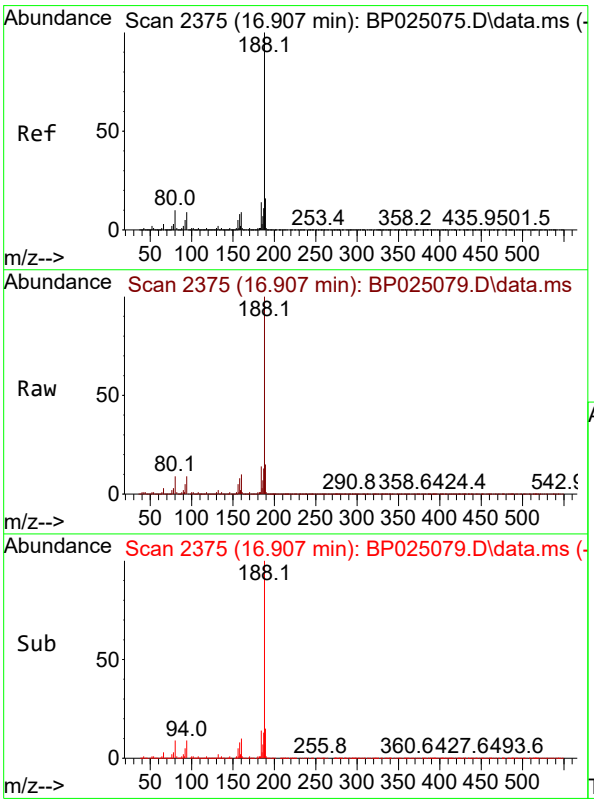
#63
Azobenzene
Concen: 38.583 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 77 Resp: 2587410

Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.7	47.7
105	22.0	1.9	41.9
51	27.7	8.2	48.2

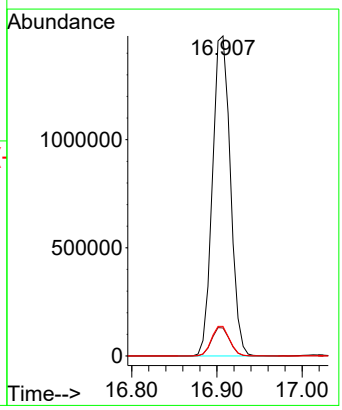


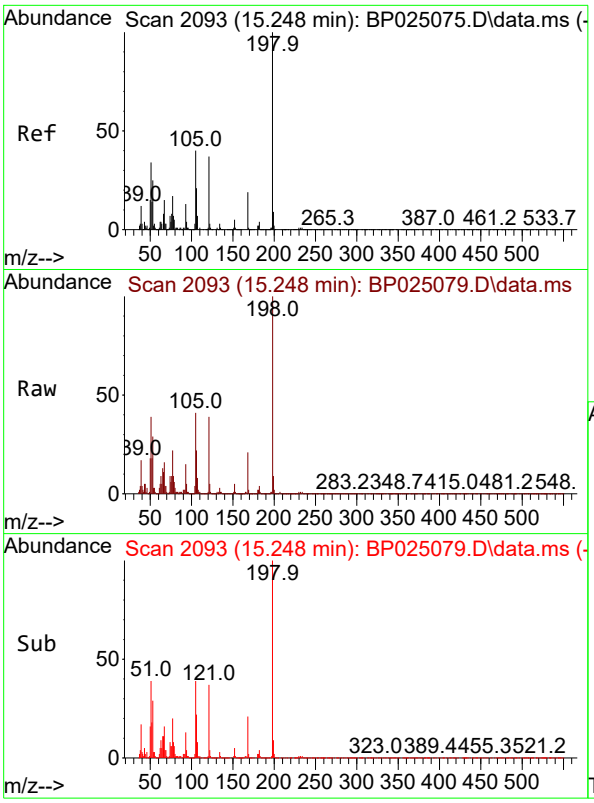


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:188 Resp: 2157756

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.3	7.8	11.6



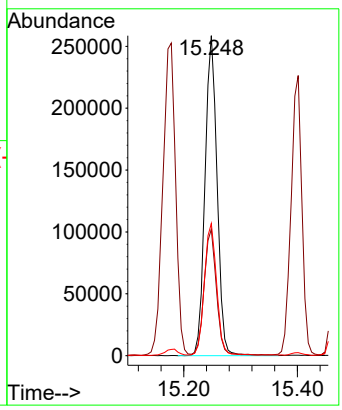


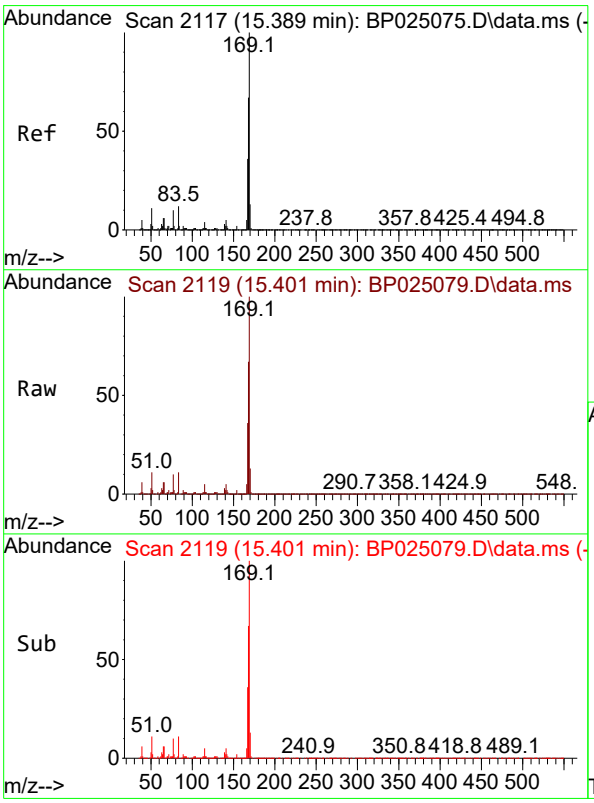
#65
4,6-Dinitro-2-methylphenol
Concen: 39.754 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:198 Resp: 379707

Ion	Ratio	Lower	Upper
198	100		
51	39.5	16.8	56.8
105	41.3	20.8	60.8

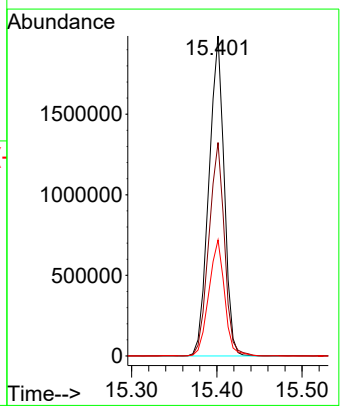


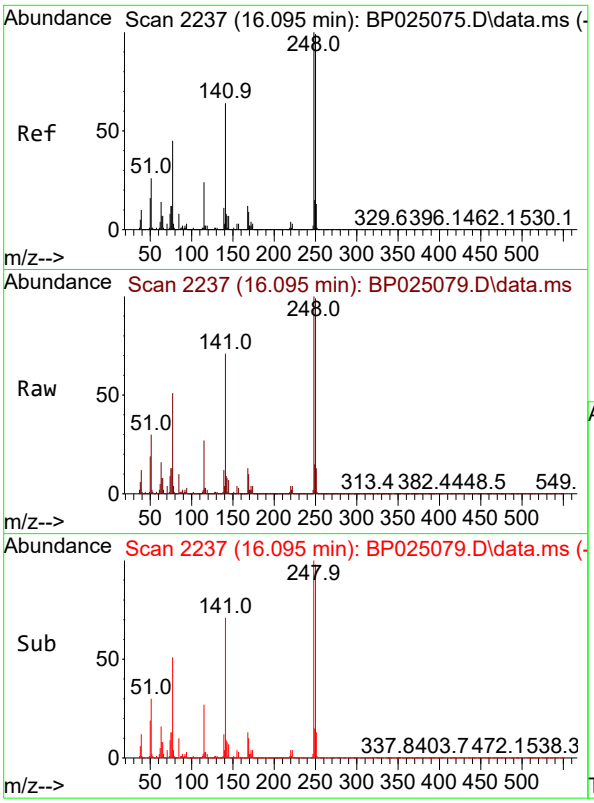


#66
n-Nitrosodiphenylamine
Concen: 40.039 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:169 Resp: 2472464

Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.1	81.1
167	36.2	29.0	43.6



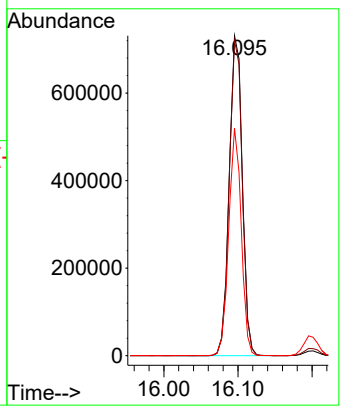


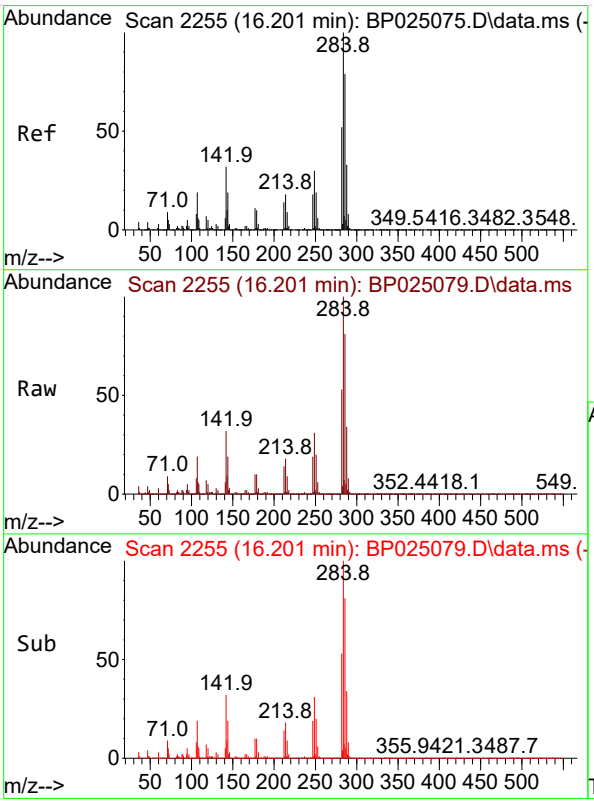
#67
4-Bromophenyl-phenylether
Concen: 40.486 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:248 Resp: 894455

Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.4	119.2
141	71.0	51.4	77.0

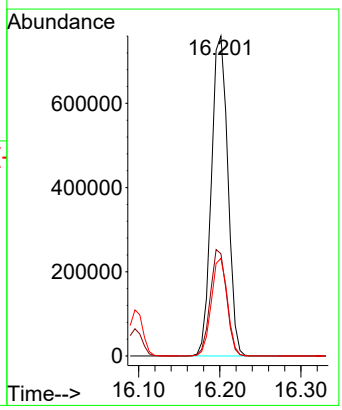


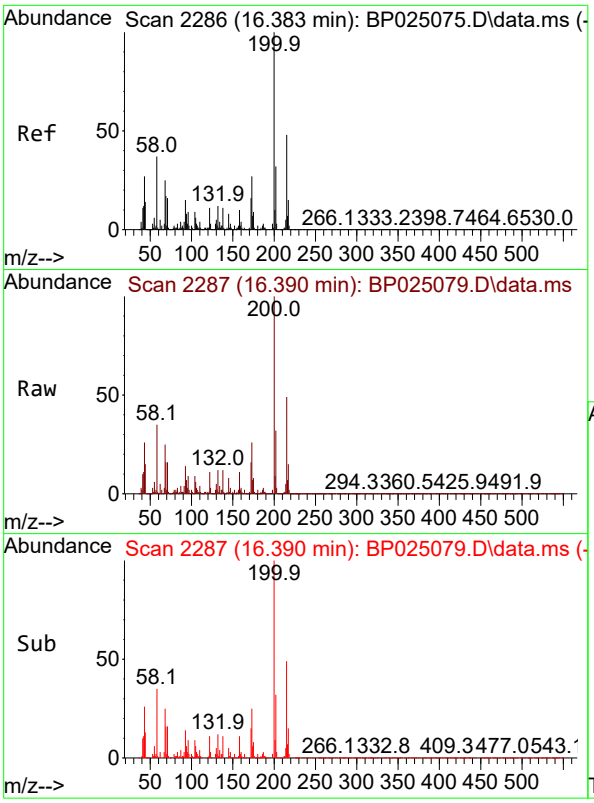


#68
Hexachlorobenzene
Concen: 39.499 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:284 Resp: 1066631

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	30.5	23.8	35.8



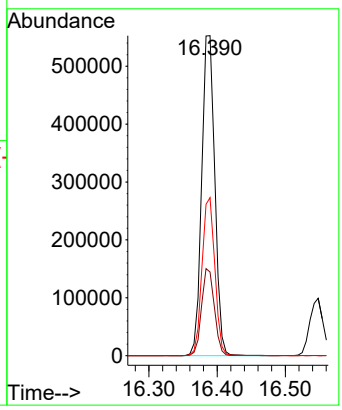


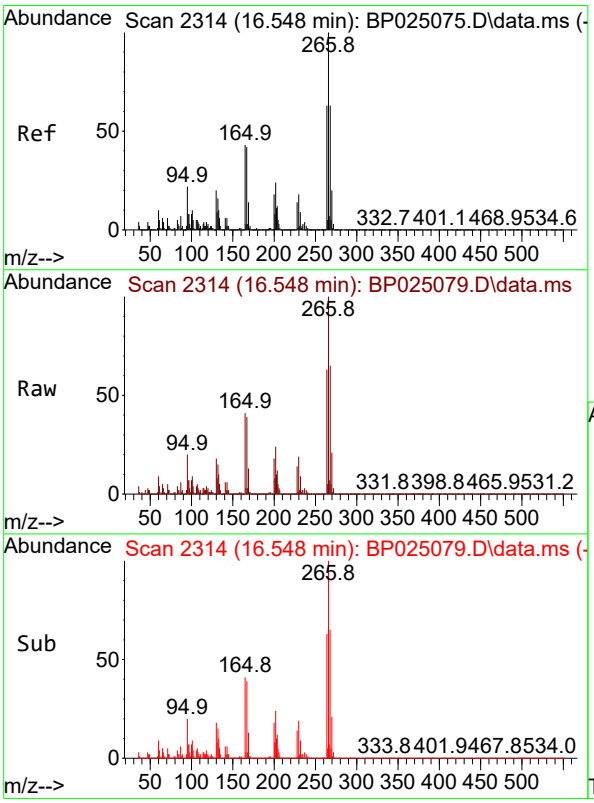
#69
Atrazine
Concen: 40.888 ng
RT: 16.390 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:200 Resp: 739881

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	49.4	28.0	68.0

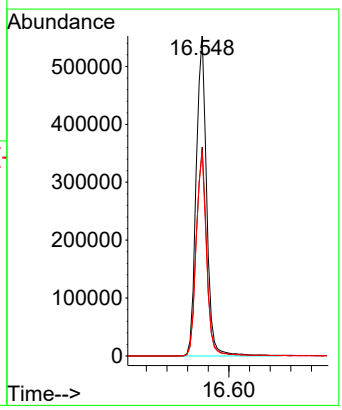


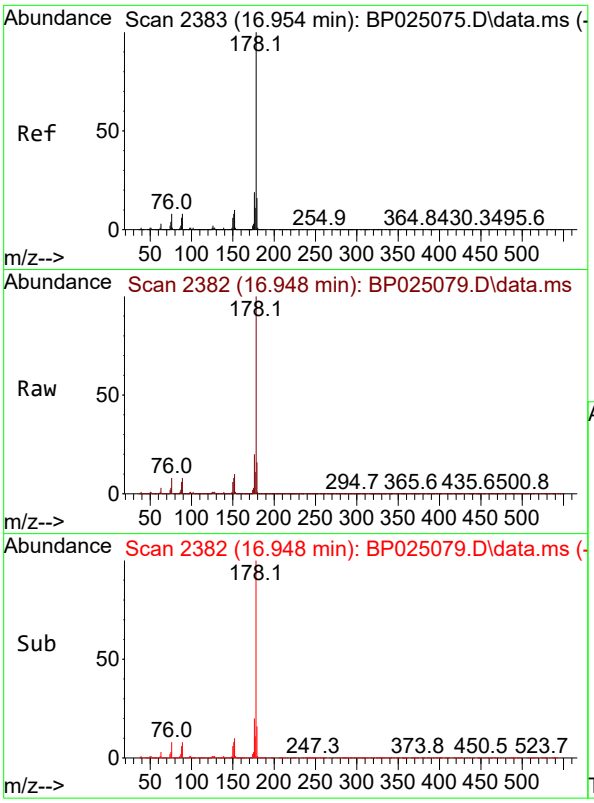


#70
Pentachlorophenol
Concen: 42.471 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:266 Resp: 774549

Ion	Ratio	Lower	Upper
266	100		
268	65.2	50.4	75.6
264	63.5	50.2	75.2



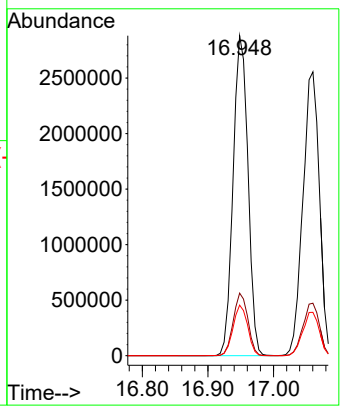


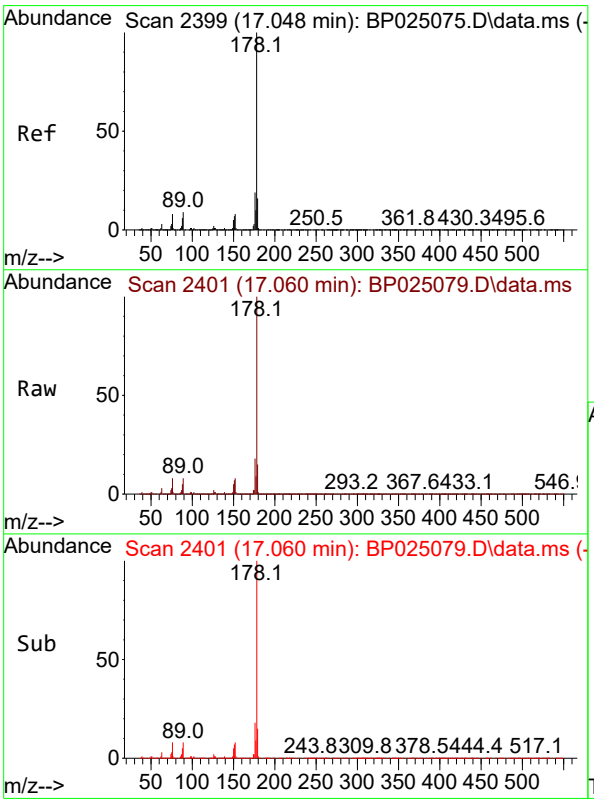
#71
Phenanthrene
Concen: 39.487 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:178 Resp: 4552722

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.6	19.0

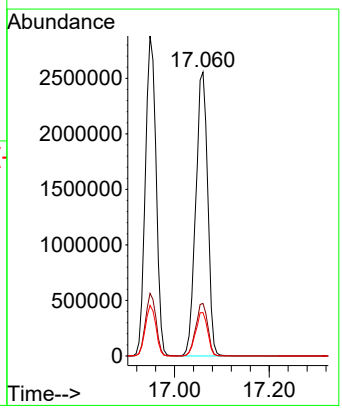


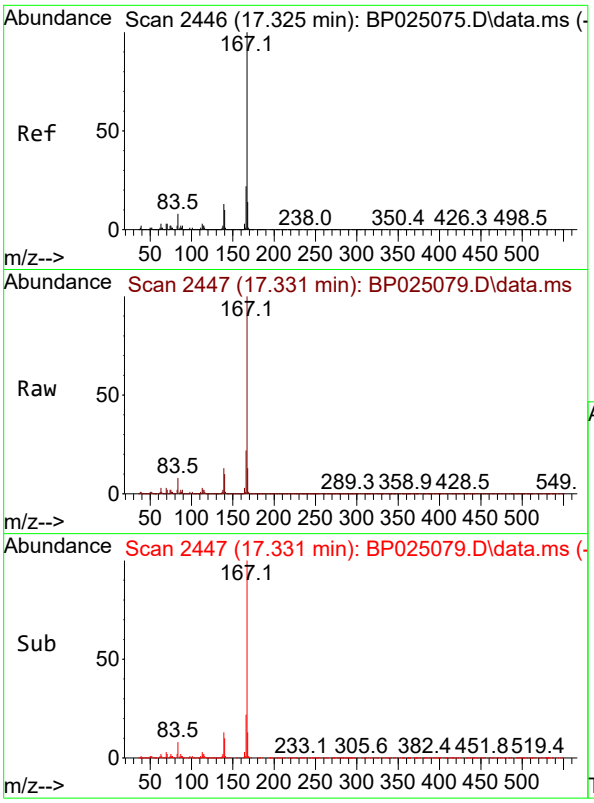


#72
Anthracene
Concen: 40.385 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:178 Resp: 4467088

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.3	12.5	18.7



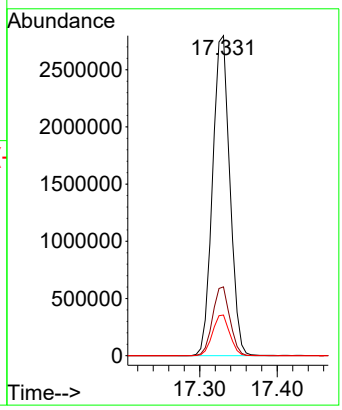


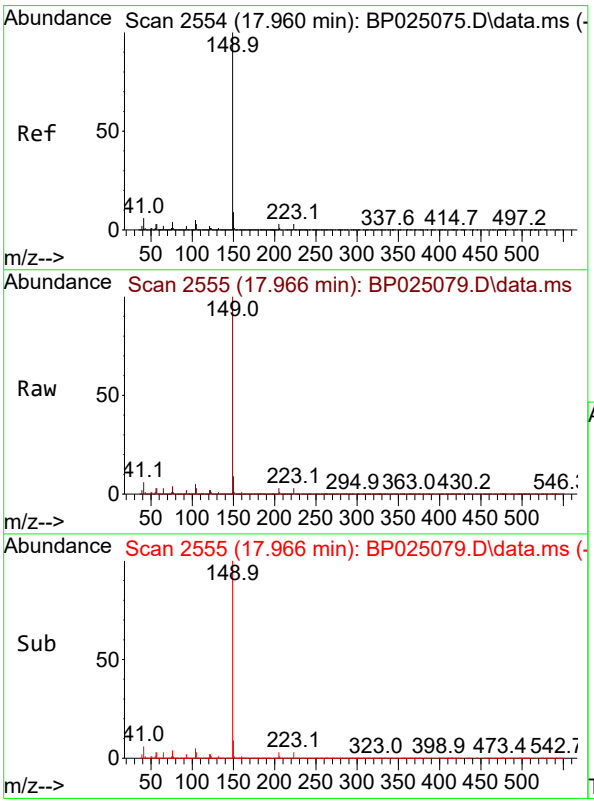
#73
Carbazole
Concen: 40.086 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:167 Resp: 4335399

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.7	10.4	15.6

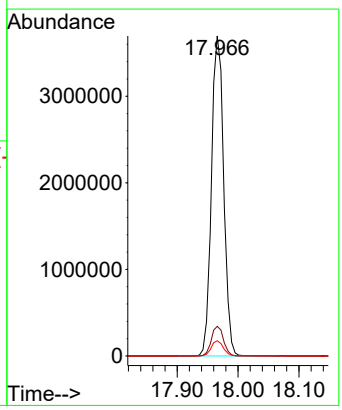


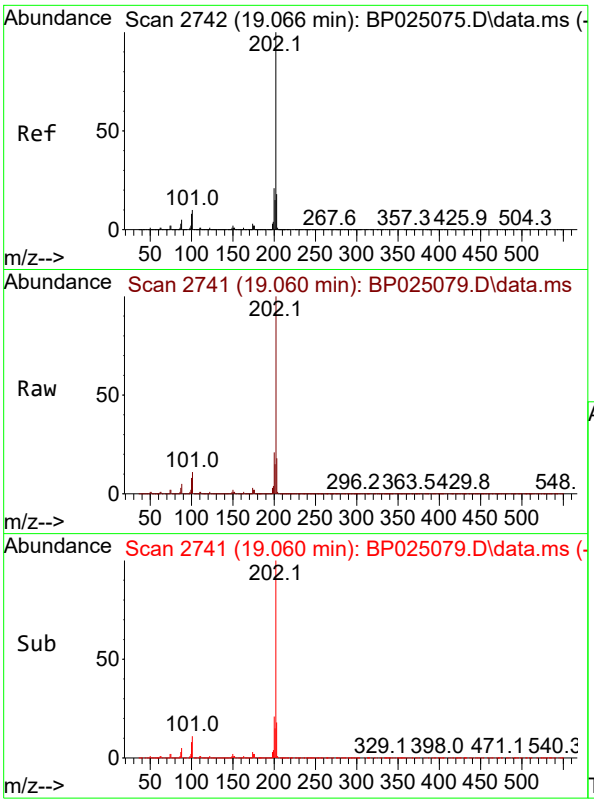


#74
Di-n-butylphthalate
Concen: 42.761 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 5149955

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.8	5.6



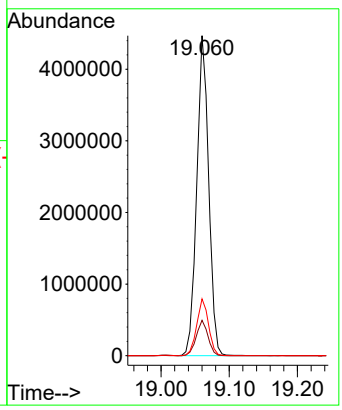


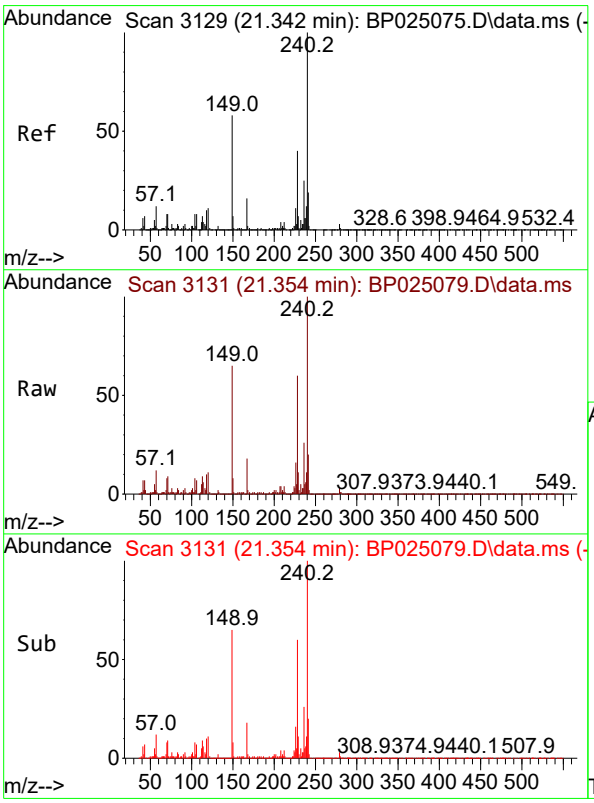
#75
Fluoranthene
Concen: 40.180 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:202 Resp: 5415104

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.4
203	17.8	0.0	37.6

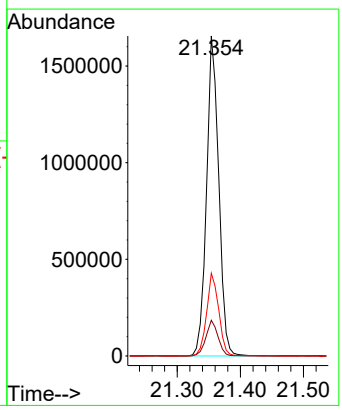


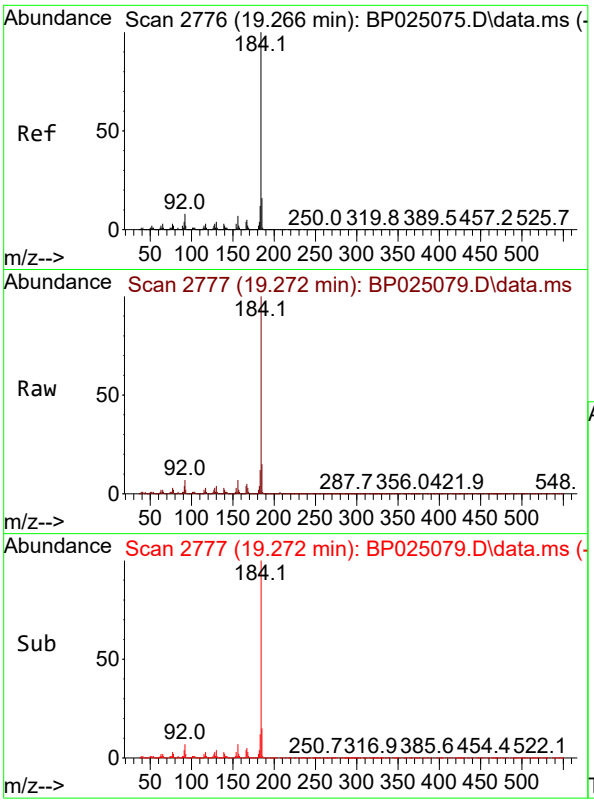


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:240 Resp: 2221808

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.9	20.3	30.5



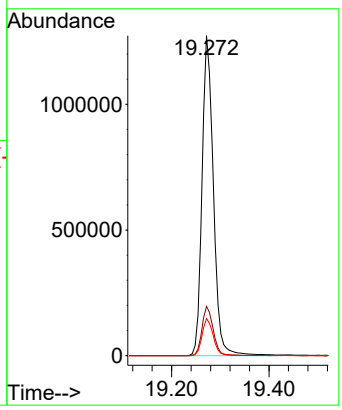


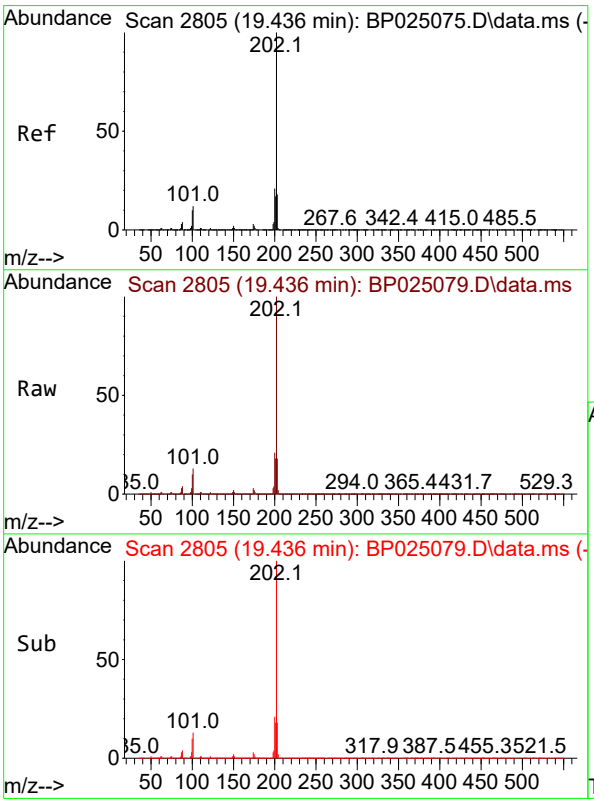
#77
Benzidine
Concen: 52.461 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:184 Resp: 2058569

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.6	9.4	14.2

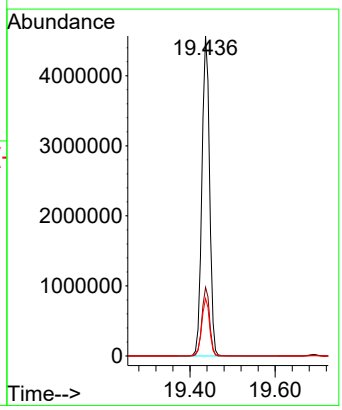


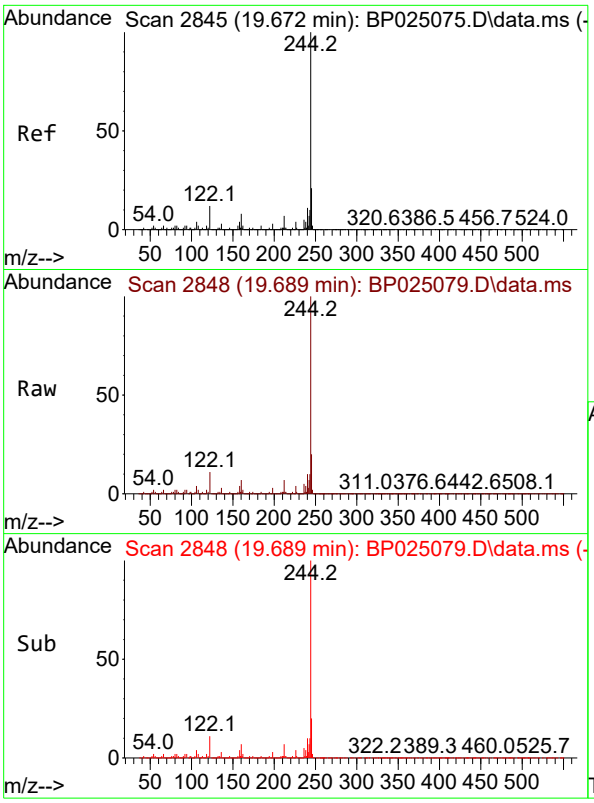


#78
Pyrene
Concen: 41.413 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:202 Resp: 5698991

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	18.0	14.1	21.1



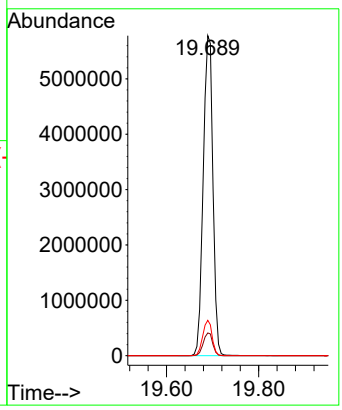


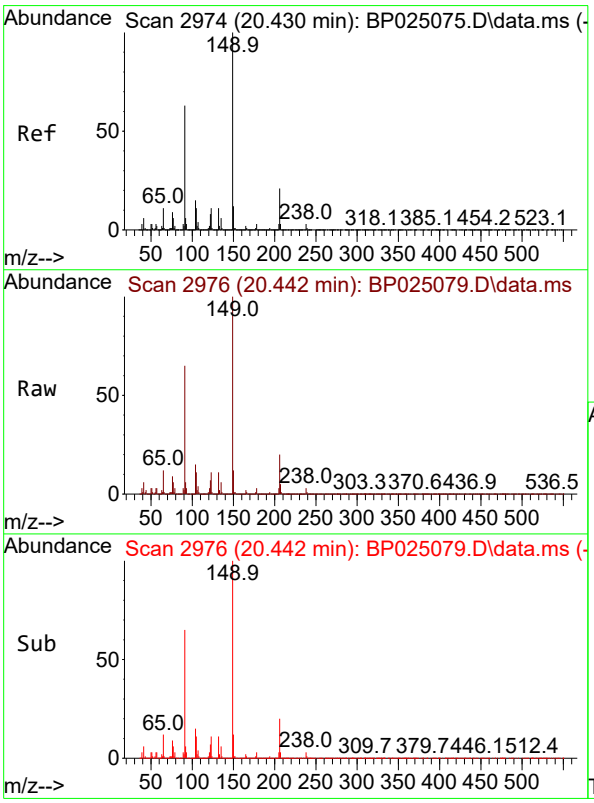
#79
Terphenyl-d14
Concen: 84.014 ng
RT: 19.689 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:244 Resp: 8493260

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.1	9.4	14.2

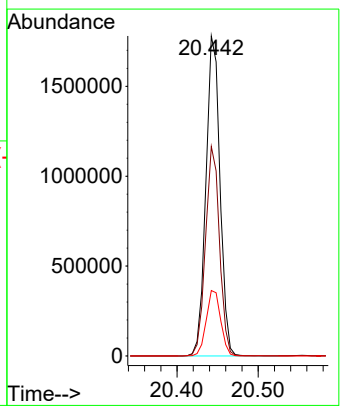


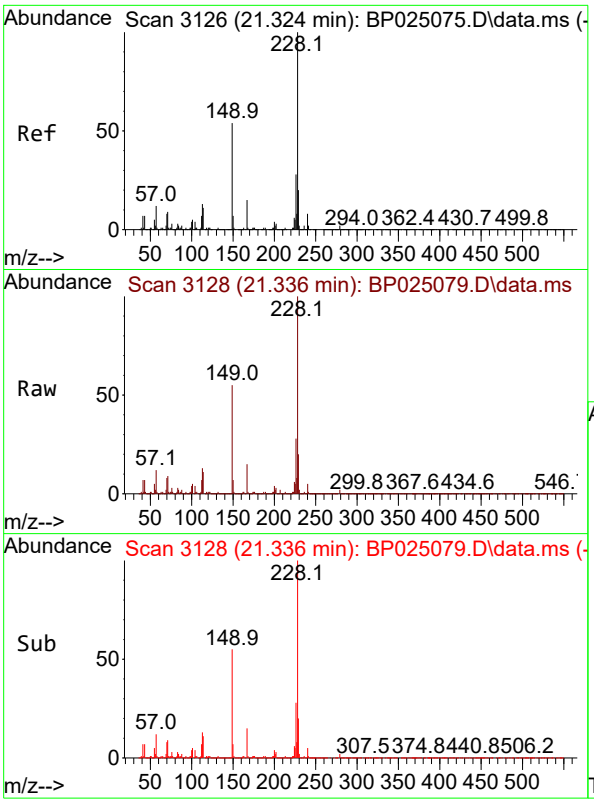


#80
Butylbenzylphthalate
Concen: 40.921 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 2138437

Ion	Ratio	Lower	Upper
149	100		
91	65.5	50.6	76.0
206	20.5	17.2	25.8



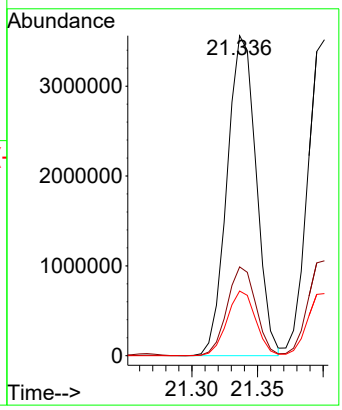


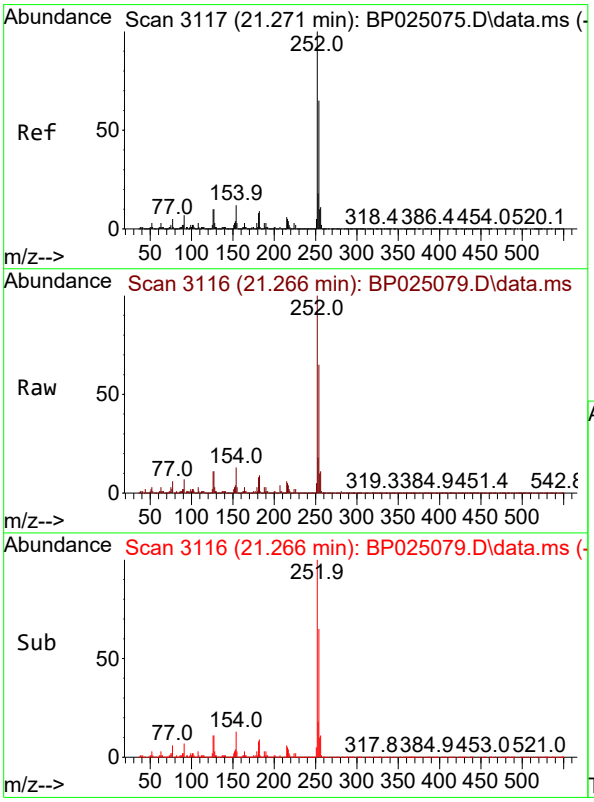
#81
Benzo(a)anthracene
Concen: 40.856 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:228 Resp: 5501070

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.2	16.0	24.0

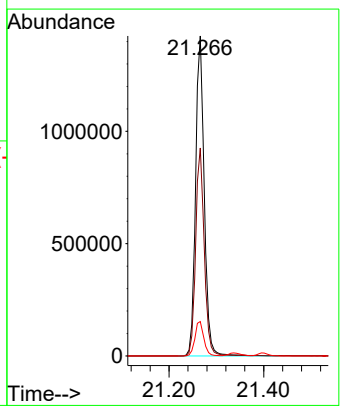


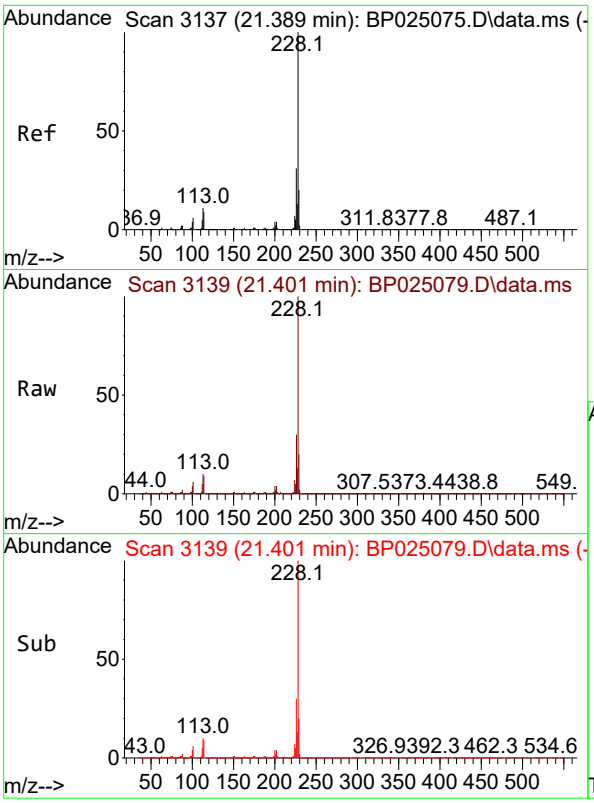


#82
3,3'-Dichlorobenzidine
Concen: 44.629 ng
RT: 21.266 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 1808957

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	10.8	8.1	12.1



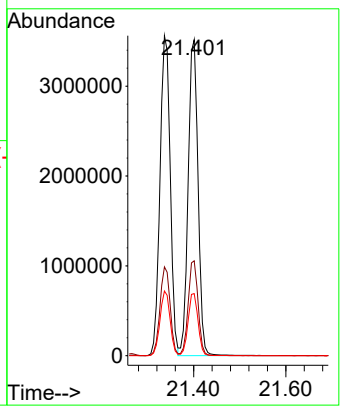


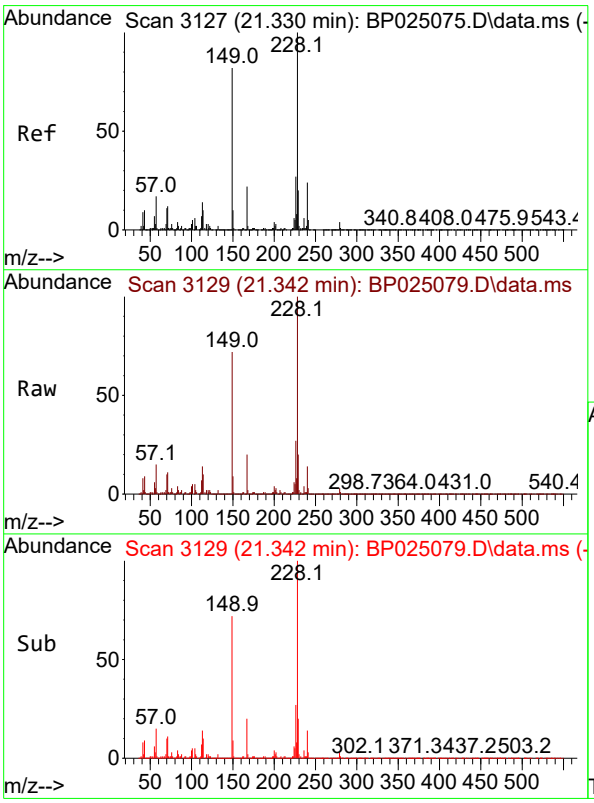
#83
Chrysene
Concen: 40.218 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:228 Resp: 5211272

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	19.7	16.0	24.0

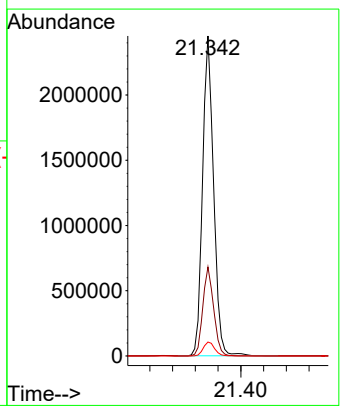


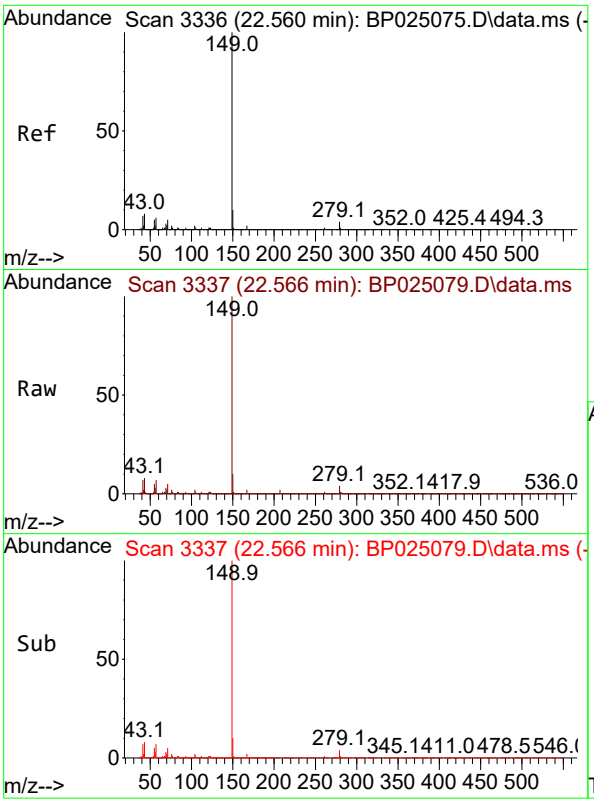


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.685 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 3299494

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.9	32.9
279	4.4	3.5	5.3



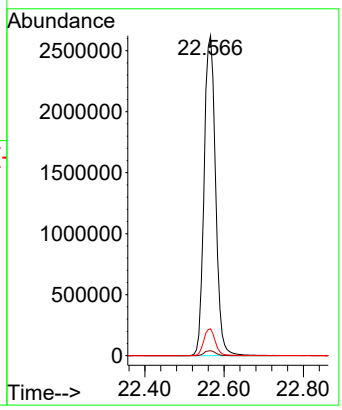


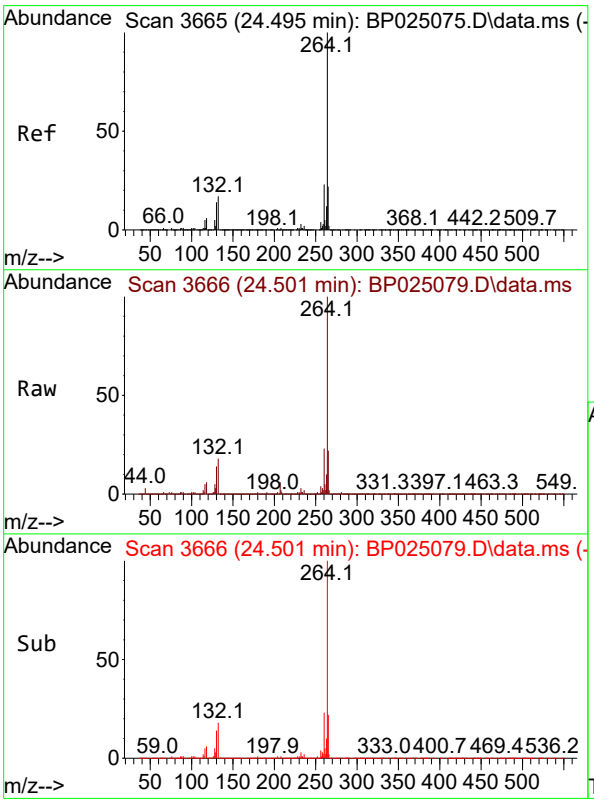
#85
Di-n-octyl phthalate
Concen: 40.750 ng
RT: 22.566 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:149 Resp: 5256676

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.5	6.9	10.3

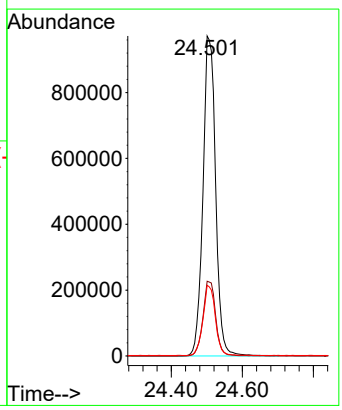


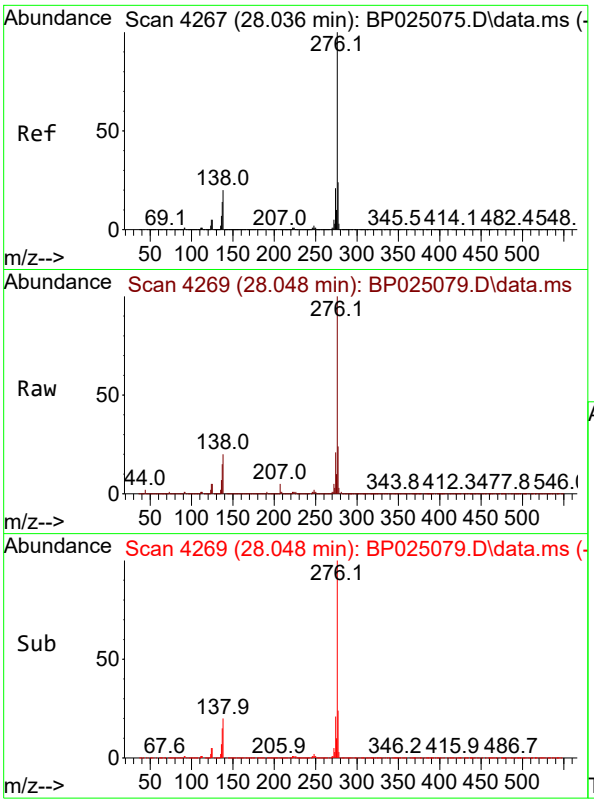


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.501 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:264 Resp: 2415004

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.1	17.7	26.5



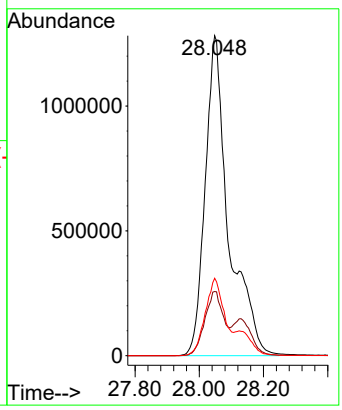


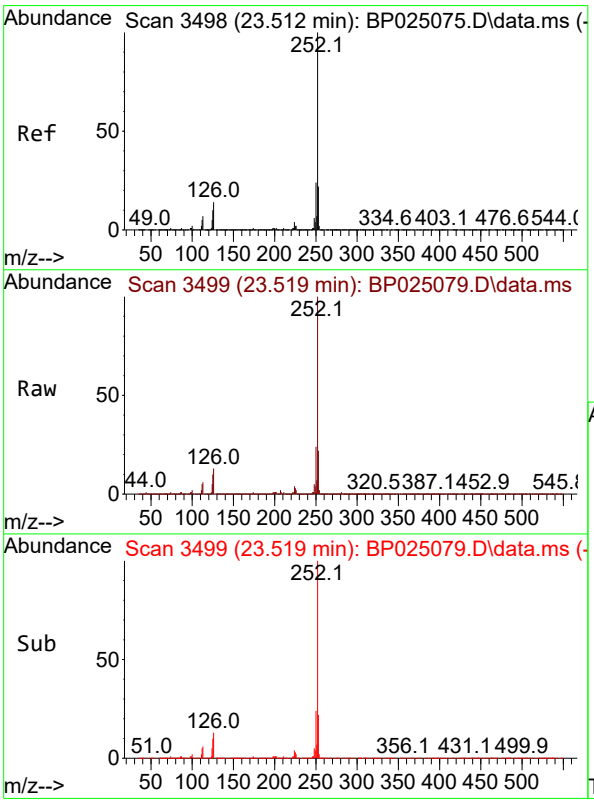
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.211 ng m
RT: 28.048 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:276 Resp: 6494157

Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.0	19.6
277	19.8	15.9	23.9

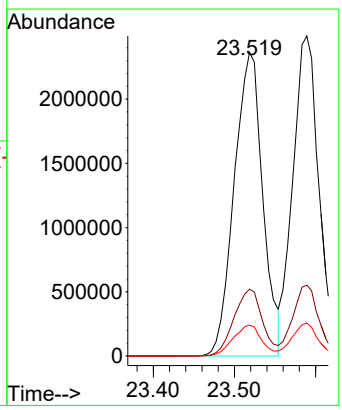


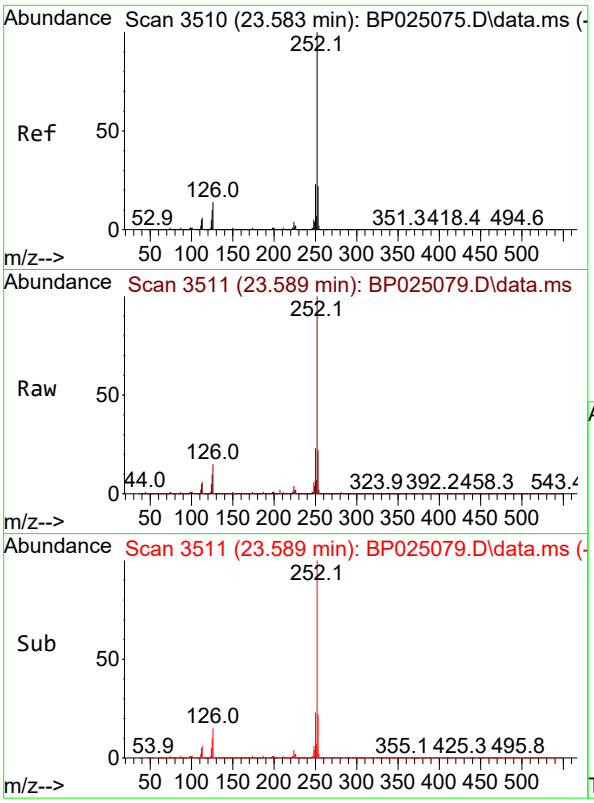


#88
Benzo(b)fluoranthene
Concen: 41.137 ng
RT: 23.519 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 5782492

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.2	8.1	12.1



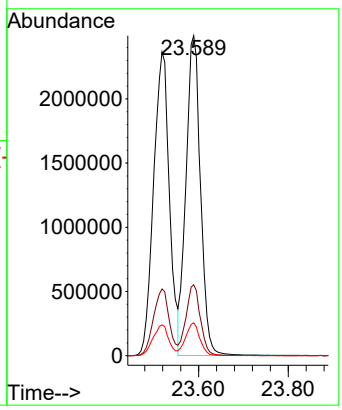


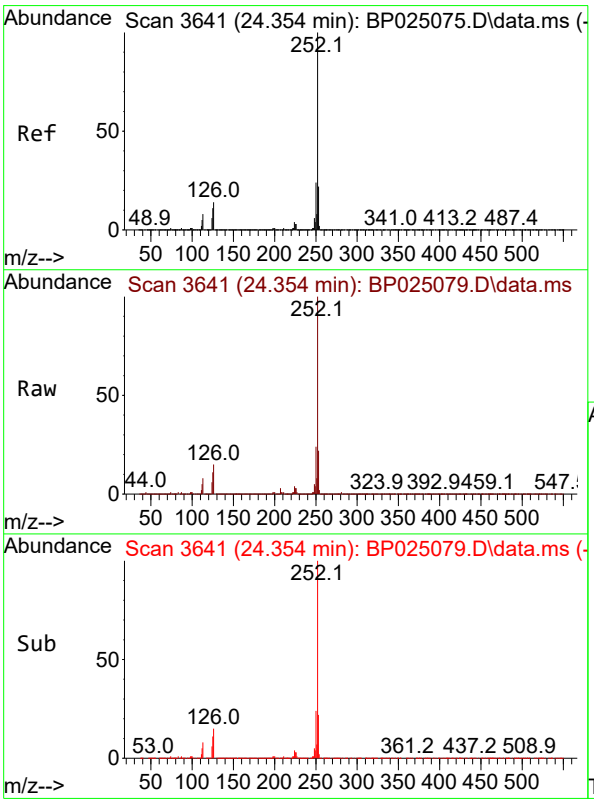
#89
Benzo(k)fluoranthene
Concen: 39.974 ng
RT: 23.589 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:252 Resp: 5590808

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.3	8.2	12.2

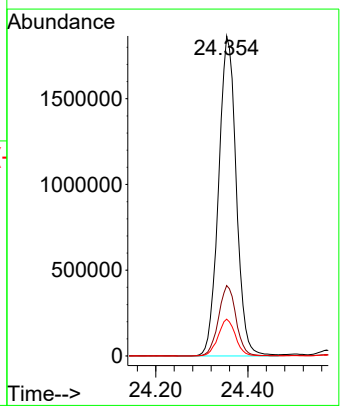


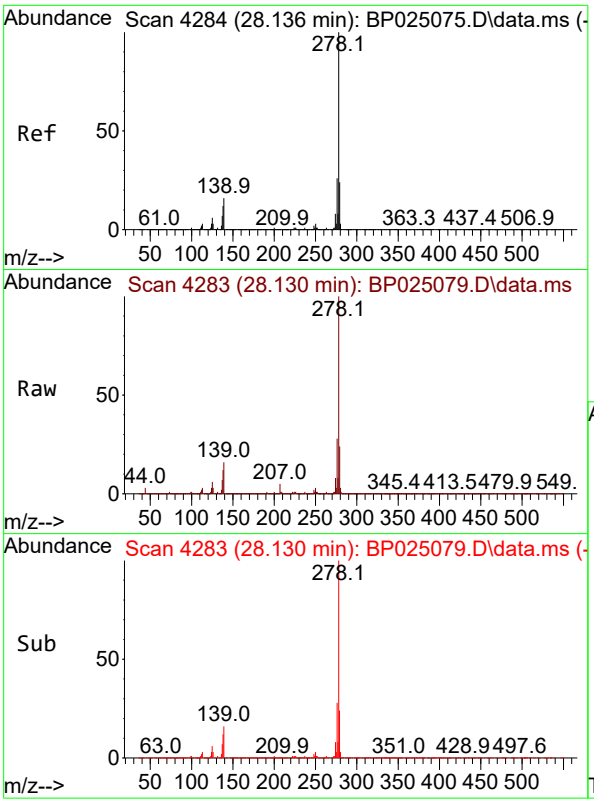


#90
Benzo(a)pyrene
Concen: 41.397 ng
RT: 24.354 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 4952570

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.5	9.0	13.4



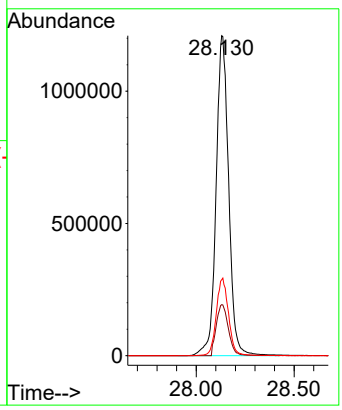


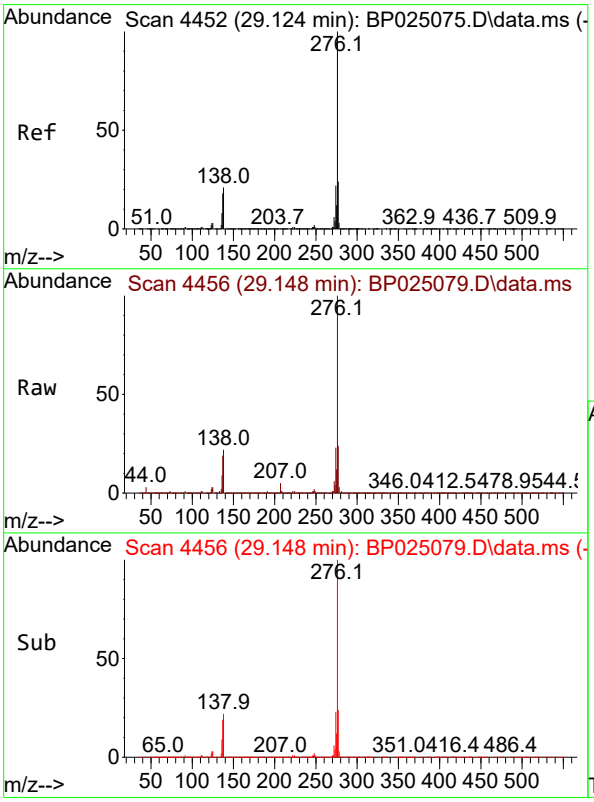
#91
Dibenzo(a,h)anthracene
Concen: 42.422 ng
RT: 28.130 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:278 Resp: 5394843

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	23.8	18.9	28.3

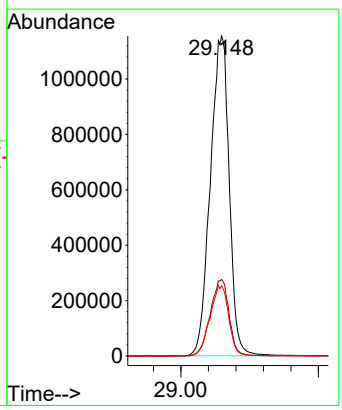




#92
Benzo(g,h,i)perylene
Concen: 41.855 ng
RT: 29.148 min Scan# 4456
Delta R.T. 0.024 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:276 Resp: 5498609

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	21.9	16.9	25.3



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
2		1,4-Dioxane	0.439	0.415	5.5	98	0.00
3		Pyridine	1.202	1.172	2.5	98	0.00
4		n-Nitrosodimethylamine	0.509	0.495	2.8	100	0.00
5	S	2-Fluorophenol	1.129	1.126	0.3	102	0.00
6		Aniline	1.376	1.369	0.5	101	0.00
7	S	Phenol-d6	1.473	1.474	-0.1	104	0.00
8		2-Chlorophenol	1.263	1.277	-1.1	104	0.00
9		Benzaldehyde	0.769	0.785	-2.1	111	0.00
10	C	Phenol	1.497	1.483	0.9	103	0.00
11		bis(2-Chloroethyl)ether	1.152	1.129	2.0	103	0.00
12		1,3-Dichlorobenzene	1.413	1.392	1.5	104	0.00
13	C	1,4-Dichlorobenzene	1.431	1.409	1.5	103	0.00
14		1,2-Dichlorobenzene	1.377	1.341	2.6	102	0.00
15		Benzyl Alcohol	0.983	1.004	-2.1	108	0.00
16		2,2'-oxybis(1-Chloropropane	1.498	1.445	3.5	103	0.00
17		2-Methylphenol	0.964	0.981	-1.8	104	0.00
18		Hexachloroethane	0.466	0.468	-0.4	104	0.00
19	P	n-Nitroso-di-n-propylamine	0.874	0.885	-1.3	105	0.00
20		3+4-Methylphenols	1.350	1.364	-1.0	105	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	105	0.00
22		Acetophenone	0.473	0.461	2.5	104	0.00
23	S	Nitrobenzene-d5	0.301	0.312	-3.7	107	0.00
24		Nitrobenzene	0.306	0.309	-1.0	105	0.00
25		Isophorone	0.562	0.567	-0.9	107	0.00
26	C	2-Nitrophenol	0.128	0.149	-16.4	117	0.00
27		2,4-Dimethylphenol	0.210	0.211	-0.5	107	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.377	1.3	106	0.00
29	C	2,4-Dichlorophenol	0.291	0.301	-3.4	106	0.00
30		1,2,4-Trichlorobenzene	0.322	0.318	1.2	105	0.00
31		Naphthalene	1.030	1.008	2.1	105	0.00
32		Benzoic acid	0.185	0.209	-13.0	118	0.00
33		4-Chloroaniline	0.384	0.387	-0.8	104	0.00
34	C	Hexachlorobutadiene	0.185	0.185	0.0	107	0.00
35		Caprolactam	0.099	0.102	-3.0	106	0.00
36	C	4-Chloro-3-methylphenol	0.304	0.311	-2.3	106	0.00
37		2-Methylnaphthalene	0.727	0.715	1.7	104	0.00
38		1-Methylnaphthalene	0.709	0.696	1.8	106	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	0.575	0.576	-0.2	106	0.00
41	P	Hexachlorocyclopentadiene	0.150	0.161	-7.3	116	0.00
42	S	2,4,6-Tribromophenol	0.236	0.244	-3.4	106	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.371	-6.6	107	0.00
44		2,4,5-Trichlorophenol	0.394	0.417	-5.8	108	0.00
45	S	2-Fluorobiphenyl	1.291	1.270	1.6	106	0.00
46		1,1'-Biphenyl	1.455	1.420	2.4	104	0.00
47		2-Chloronaphthalene	1.094	1.072	2.0	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.237	0.264	-11.4	109	0.00
49		Acenaphthylene	1.674	1.692	-1.1	106	0.00
50		Dimethylphthalate	1.400	1.405	-0.4	107	0.00
51		2,6-Dinitrotoluene	0.273	0.293	-7.3	106	0.00
52	C	Acenaphthene	1.079	1.061	1.7	106	0.00
53		3-Nitroaniline	0.293	0.318	-8.5	106	0.00
54	P	2,4-Dinitrophenol	0.114	0.124	-8.8	113	0.00
55		Dibenzofuran	1.781	1.746	2.0	105	0.00
56	P	4-Nitrophenol	0.270	0.286	-5.9	107	0.01
57		2,4-Dinitrotoluene	0.356	0.395	-11.0	108	0.00
58		Fluorene	1.377	1.366	0.8	105	0.00
59		2,3,4,6-Tetrachlorophenol	0.357	0.379	-6.2	109	0.00
60		Diethylphthalate	1.406	1.427	-1.5	107	0.01
61		4-Chlorophenyl-phenylether	0.682	0.668	2.1	105	0.00
62		4-Nitroaniline	0.307	0.334	-8.8	104	0.00
63		Azobenzene	1.252	1.208	3.5	102	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.088	-7.3	113	0.00
66	c	n-Nitrosodiphenylamine	0.572	0.573	-0.2	105	0.01
67		4-Bromophenyl-phenylether	0.205	0.207	-1.0	106	0.00
68		Hexachlorobenzene	0.250	0.247	1.2	104	0.00
69		Atrazine	0.168	0.171	-1.8	104	0.00
70	C	Pentachlorophenol	0.169	0.179	-5.9	109	0.00
71		Phenanthrene	1.069	1.055	1.3	103	0.00
72		Anthracene	1.025	1.035	-1.0	104	0.01
73		Carbazole	1.002	1.005	-0.3	102	0.00
74		Di-n-butylphthalate	1.116	1.193	-6.9	105	0.00
75	C	Fluoranthene	1.249	1.255	-0.5	102	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	98	0.01
77		Benzidine	0.353	0.463	-31.2#	80	0.00
78		Pyrene	1.239	1.283	-3.6	102	0.00
79	S	Terphenyl-d14	0.910	0.956	-5.1	103	0.02
80		Butylbenzylphthalate	0.402	0.481	-19.7	107	0.01
81		Benzo(a)anthracene	1.212	1.238	-2.1	100	0.01
82		3,3'-Dichlorobenzidine	0.365	0.407	-11.5	103	0.00
83		Chrysene	1.166	1.173	-0.6	99	0.01
84		Bis(2-ethylhexyl)phthalate	0.650	0.743	-14.3	104	0.01
85	c	Di-n-octyl phthalate	1.054	1.183	-12.2	106	0.00
86	I	Perylene-d12	1.000	1.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	1.274	1.345	-5.6	100	0.01
88		Benzo(b)fluoranthene	1.164	1.197	-2.8	99	0.00
89		Benzo(k)fluoranthene	1.158	1.158	0.0	100	0.00
90	C	Benzo(a)pyrene	0.991	1.025	-3.4	99	0.00
91		Dibenzo(a,h)anthracene	1.053	1.117	-6.1	101	0.00
92		Benzo(g,h,i)perylene	1.088	1.138	-4.6	100	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	103	0.00
2		1,4-Dioxane	40.000	37.814	5.5	98	0.00
3		Pyridine	40.000	39.027	2.4	98	0.00
4		n-Nitrosodimethylamine	40.000	38.933	2.7	100	0.00
5	S	2-Fluorophenol	80.000	79.825	0.2	102	0.00
6		Aniline	40.000	39.803	0.5	101	0.00
7	S	Phenol-d6	80.000	80.057	-0.1	104	0.00
8		2-Chlorophenol	40.000	40.431	-1.1	104	0.00
9		Benzaldehyde	40.000	40.841	-2.1	111	0.00
10	C	Phenol	40.000	39.645	0.9	103	0.00
11		bis(2-Chloroethyl)ether	40.000	39.206	2.0	103	0.00
12		1,3-Dichlorobenzene	40.000	39.389	1.5	104	0.00
13	C	1,4-Dichlorobenzene	40.000	39.387	1.5	103	0.00
14		1,2-Dichlorobenzene	40.000	38.965	2.6	102	0.00
15		Benzyl Alcohol	40.000	40.867	-2.2	108	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.579	3.6	103	0.00
17		2-Methylphenol	40.000	40.721	-1.8	104	0.00
18		Hexachloroethane	40.000	40.115	-0.3	104	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.521	-1.3	105	0.00
20		3+4-Methylphenols	40.000	40.415	-1.0	105	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	105	0.00
22		Acetophenone	40.000	38.992	2.5	104	0.00
23	S	Nitrobenzene-d5	80.000	82.866	-3.6	107	0.00
24		Nitrobenzene	40.000	40.369	-0.9	105	0.00
25		Isophorone	40.000	40.360	-0.9	107	0.00
26	C	2-Nitrophenol	40.000	40.694	-1.7	117	0.00
27		2,4-Dimethylphenol	40.000	40.332	-0.8	107	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.567	1.1	106	0.00
29	C	2,4-Dichlorophenol	40.000	41.412	-3.5	106	0.00
30		1,2,4-Trichlorobenzene	40.000	39.571	1.1	105	0.00
31		Naphthalene	40.000	39.170	2.1	105	0.00
32		Benzoic acid	40.000	40.952	-2.4	118	0.00
33		4-Chloroaniline	40.000	40.229	-0.6	104	0.00
34	C	Hexachlorobutadiene	40.000	40.154	-0.4	107	0.00
35		Caprolactam	40.000	40.864	-2.2	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.967	-2.4	106	0.00
37		2-Methylnaphthalene	40.000	39.345	1.6	104	0.00
38		1-Methylnaphthalene	40.000	39.301	1.7	106	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.072	-0.2	106	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.989	-7.5	116	0.00
42	S	2,4,6-Tribromophenol	80.000	82.624	-3.3	106	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.646	-6.6	107	0.00
44		2,4,5-Trichlorophenol	40.000	42.335	-5.8	108	0.00
45	S	2-Fluorobiphenyl	80.000	78.712	1.6	106	0.00
46		1,1'-Biphenyl	40.000	39.032	2.4	104	0.00
47		2-Chloronaphthalene	40.000	39.210	2.0	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.894	0.3	109	0.00
49		Acenaphthylene	40.000	40.431	-1.1	106	0.00
50		Dimethylphthalate	40.000	40.131	-0.3	107	0.00
51		2,6-Dinitrotoluene	40.000	42.919	-7.3	106	0.00
52	C	Acenaphthene	40.000	39.318	1.7	106	0.00
53		3-Nitroaniline	40.000	43.418	-8.5	106	0.00
54	P	2,4-Dinitrophenol	40.000	40.066	-0.2	113	0.00
55		Dibenzofuran	40.000	39.220	2.0	105	0.00
56	P	4-Nitrophenol	40.000	42.369	-5.9	107	0.01
57		2,4-Dinitrotoluene	40.000	39.932	0.2	108	0.00
58		Fluorene	40.000	39.662	0.8	105	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.414	-6.0	109	0.00
60		Diethylphthalate	40.000	40.587	-1.5	107	0.01
61		4-Chlorophenyl-phenylether	40.000	39.198	2.0	105	0.00
62		4-Nitroaniline	40.000	43.550	-8.9	104	0.00
63		Azobenzene	40.000	38.583	3.5	102	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.754	0.6	113	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.039	-0.1	105	0.01
67		4-Bromophenyl-phenylether	40.000	40.486	-1.2	106	0.00
68		Hexachlorobenzene	40.000	39.499	1.3	104	0.00
69		Atrazine	40.000	40.888	-2.2	104	0.00
70	C	Pentachlorophenol	40.000	42.471	-6.2	109	0.00
71		Phenanthrene	40.000	39.487	1.3	103	0.00
72		Anthracene	40.000	40.385	-1.0	104	0.01
73		Carbazole	40.000	40.086	-0.2	102	0.00
74		Di-n-butylphthalate	40.000	42.761	-6.9	105	0.00
75	C	Fluoranthene	40.000	40.180	-0.4	102	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	98	0.01
77		Benzidine	40.000	52.461	-31.2#	80	0.00
78		Pyrene	40.000	41.413	-3.5	102	0.00
79	S	Terphenyl-d14	80.000	84.014	-5.0	103	0.02
80		Butylbenzylphthalate	40.000	40.921	-2.3	107	0.01
81		Benzo(a)anthracene	40.000	40.856	-2.1	100	0.01
82		3,3'-Dichlorobenzidine	40.000	44.629	-11.6	103	0.00
83		Chrysene	40.000	40.218	-0.5	99	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	45.685	-14.2	104	0.01
85	c	Di-n-octyl phthalate	40.000	40.750	-1.9	106	0.00
86	I	Perylene-d12	20.000	20.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.211	-5.5	100	0.01
88		Benzo(b)fluoranthene	40.000	41.137	-2.8	99	0.00
89		Benzo(k)fluoranthene	40.000	39.974	0.1	100	0.00
90	C	Benzo(a)pyrene	40.000	41.397	-3.5	99	0.00
91		Dibenzo(a,h)anthracene	40.000	42.422	-6.1	101	0.00
92		Benzo(g,h,i)perylene	40.000	41.855	-4.6	100	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BF143003.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_F Calibration Date/Time: 07/07/2025 12:12

Lab File ID: BF143003.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.159		-3.5	
Benzaldehyde	0.841	0.897		6.7	
Phenol-d6	1.417	1.363		-3.8	
Phenol	1.575	1.512		-4.0	20.0
bis(2-Chloroethyl)ether	1.126	1.086		-3.6	
2-Chlorophenol	1.296	1.244		-4.0	
2-Methylphenol	0.982	0.979		-0.3	
2,2-oxybis(1-Chloropropane)	1.809	1.645		-9.1	
Acetophenone	0.441	0.434		-1.6	
3+4-Methylphenols	1.224	1.224		0.0	
n-Nitroso-di-n-propylamine	0.824	0.811	0.050	-1.6	
Nitrobenzene-d5	0.365	0.385		5.5	
Hexachloroethane	0.511	0.506		-1.0	
Nitrobenzene	0.330	0.319		-3.3	
Isophorone	0.585	0.566		-3.2	
2-Nitrophenol	0.180	0.184		2.2	20.0
2,4-Dimethylphenol	0.311	0.300		-3.5	
bis(2-Chloroethoxy)methane	0.372	0.368		-1.1	
2,4-Dichlorophenol	0.282	0.278		-1.4	20.0
Naphthalene	0.979	0.963		-1.6	
4-Chloroaniline	0.398	0.370		-7.0	
Hexachlorobutadiene	0.190	0.191		0.5	20.0
Caprolactam	0.075	0.072		-4.0	
4-Chloro-3-methylphenol	0.281	0.276		-1.8	20.0
2-Methylnaphthalene	0.607	0.593		-2.3	
Hexachlorocyclopentadiene	0.335	0.343	0.050	2.4	
2,4,6-Trichlorophenol	0.385	0.364		-5.5	20.0
2-Fluorobiphenyl	1.522	1.599		5.1	
2,4,5-Trichlorophenol	0.405	0.378		-6.7	
1,1-Biphenyl	1.580	1.546		-2.2	
2-Chloronaphthalene	1.186	1.160		-2.2	
2-Nitroaniline	0.332	0.322		-3.0	
Dimethylphthalate	1.295	1.251		-3.4	
Acenaphthylene	1.952	1.905		-2.4	
2,6-Dinitrotoluene	0.284	0.276		-2.8	
3-Nitroaniline	0.313	0.297		-5.1	
Acenaphthene	1.191	1.193		0.2	20.0
2,4-Dinitrophenol	0.142	0.169	0.050	19.0	
4-Nitrophenol	0.214	0.207	0.050	-3.3	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_F Calibration Date/Time: 07/07/2025 12:12

Lab File ID: BF143003.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.708	1.645		-3.7	
2,4-Dinitrotoluene	0.378	0.360		-4.8	
Diethylphthalate	1.269	1.220		-3.9	
4-Chlorophenyl-phenylether	0.636	0.616		-3.1	
Fluorene	1.334	1.274		-4.5	
4-Nitroaniline	0.286	0.265		-7.3	
4,6-Dinitro-2-methylphenol	0.121	0.121		0.0	
n-Nitrosodiphenylamine	0.693	0.704		1.6	20.0
2,4,6-Tribromophenol	0.206	0.187		-9.2	
4-Bromophenyl-phenylether	0.228	0.232		1.8	
Hexachlorobenzene	0.253	0.255		0.8	
Atrazine	0.179	0.184		2.8	
Pentachlorophenol	0.126	0.143		13.5	20.0
Phenanthrene	1.083	1.050		-3.0	
Anthracene	1.111	1.081		-2.7	
Carbazole	0.959	0.888		-7.4	
Di-n-butylphthalate	0.999	1.010		1.1	
Fluoranthene	1.028	0.933		-9.2	20.0
Pyrene	1.875	1.782		-5.0	
Terphenyl-d14	1.447	1.318		-8.9	
Butylbenzylphthalate	0.544	0.602		10.7	
3,3-Dichlorobenzidine	0.438	0.480		9.6	
Benzo(a)anthracene	1.349	1.319		-2.2	
Chrysene	1.204	1.216		1.0	
Bis(2-ethylhexyl)phthalate	0.782	0.919		17.5	
Di-n-octyl phthalate	1.475	1.705		15.6	20.0
Benzo(b)fluoranthene	1.157	1.189		2.8	
Benzo(k)fluoranthene	1.083	1.000		-7.7	
Benzo(a)pyrene	1.118	1.099		-1.7	20.0
Indeno(1,2,3-cd)pyrene	1.523	1.334		-12.4	
Dibenzo(a,h)anthracene	1.238	1.100		-11.1	
Benzo(g,h,i)perylene	1.234	1.044		-15.4	
1,2,4,5-Tetrachlorobenzene	0.590	0.592		0.3	
1,4-Dioxane	0.480	0.430		-10.4	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.293		-10.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143003.D
Acq On : 07 Jul 2025 12:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 07 13:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	66299	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	250576	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	128386	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	196682	20.000	ng		0.00
76) Chrysene-d12	14.057	240	115356	20.000	ng		0.00
86) Perylene-d12	15.551	264	146144	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	307448	77.207	ng		0.00
7) Phenol-d6	6.510	99	361466	76.939	ng		0.00
23) Nitrobenzene-d5	7.445	82	385910	84.475	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	95878	72.570	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	821191	84.026	ng		0.00
79) Terphenyl-d14	12.992	244	608057	72.831	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	56991	35.782	ng		98
3) Pyridine	3.393	79	146566	36.706	ng		98
4) n-Nitrosodimethylamine	3.346	42	74697	36.176	ng		99
6) Aniline	6.539	93	237976	38.069	ng	#	91
8) 2-Chlorophenol	6.663	128	164969	38.405	ng		98
9) Benzaldehyde	6.428	77	118926	42.667	ng		99
10) Phenol	6.528	94	200512	38.395	ng		79
11) bis(2-Chloroethyl)ether	6.610	93	143962	38.570	ng		99
12) 1,3-Dichlorobenzene	6.816	146	186294	38.778	ng		99
13) 1,4-Dichlorobenzene	6.892	146	190051	39.211	ng		99
14) 1,2-Dichlorobenzene	7.045	146	178538	38.836	ng		99
15) Benzyl Alcohol	7.022	79	133701	39.365	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	218081	36.367	ng		90
17) 2-Methylphenol	7.134	107	129791	39.871	ng		97
18) Hexachloroethane	7.386	117	67136	39.601	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	107572	39.369	ng		96
20) 3+4-Methylphenols	7.286	107	162236	39.972	ng		95
22) Acetophenone	7.286	105	217414	39.346	ng		100
24) Nitrobenzene	7.463	77	159724	38.630	ng		98
25) Isophorone	7.698	82	283403	38.672	ng		99
26) 2-Nitrophenol	7.781	139	92413	41.029	ng		97
27) 2,4-Dimethylphenol	7.816	122	150356m	38.538	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	184372	39.573	ng		99
29) 2,4-Dichlorophenol	8.022	162	139097	39.320	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	153647	39.498	ng		99
31) Naphthalene	8.186	128	482441	39.334	ng		100
32) Benzoic acid	7.933	122	68529	34.462	ng		96
33) 4-Chloroaniline	8.233	127	185501	37.195	ng		99
34) Hexachlorobutadiene	8.298	225	95769	40.249	ng		100
35) Caprolactam	8.604	113	35981	38.545	ng		94
36) 4-Chloro-3-methylphenol	8.716	107	138376	39.359	ng		99
37) 2-Methylnaphthalene	8.875	142	297088	39.070	ng		99
38) 1-Methylnaphthalene	8.975	142	306180	38.897	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	151986	40.120	ng		99
41) Hexachlorocyclopentadiene	9.028	237	88069	40.967	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	93588	37.913	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143003.D
Acq On : 07 Jul 2025 12:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 07 13:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

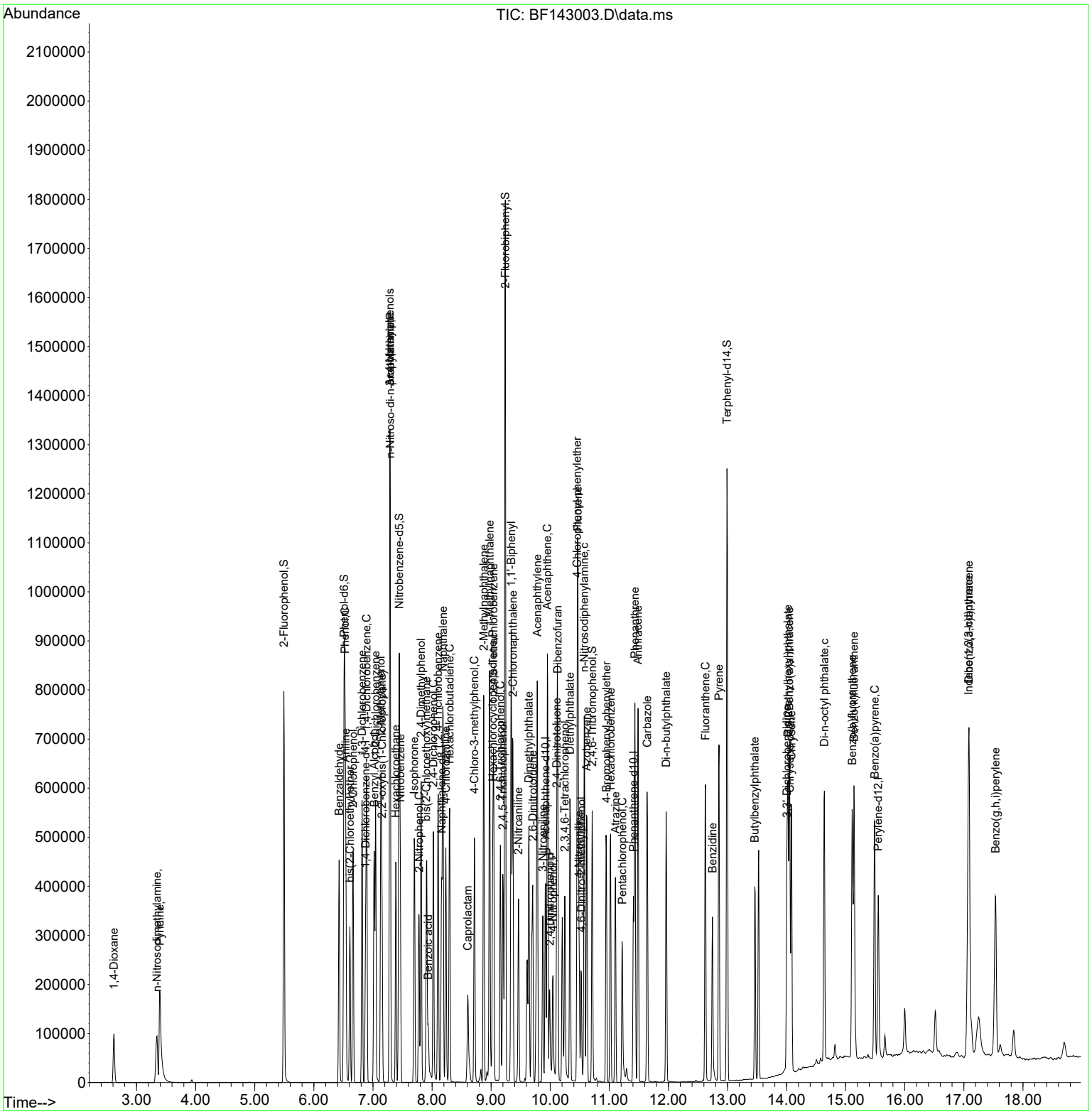
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	97051	37.348	ng	99
46) 1,1'-Biphenyl	9.339	154	397007	39.146	ng	99
47) 2-Chloronaphthalene	9.369	162	297910	39.144	ng	99
48) 2-Nitroaniline	9.463	65	82602	38.713	ng	97
49) Acenaphthylene	9.780	152	489067	39.035	ng	99
50) Dimethylphthalate	9.639	163	321177	38.647	ng	99
51) 2,6-Dinitrotoluene	9.704	165	70859	38.826	ng	99
52) Acenaphthene	9.951	154	306426m	40.086	ng	
53) 3-Nitroaniline	9.875	138	76148	37.896	ng	98
54) 2,4-Dinitrophenol	9.992	184	43433	47.528	ng	97
55) Dibenzofuran	10.127	168	422464	38.541	ng	99
56) 4-Nitrophenol	10.045	139	53076	38.583	ng	99
57) 2,4-Dinitrotoluene	10.110	165	92551	38.178	ng	95
58) Fluorene	10.469	166	327065	38.205	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	75288	35.944	ng	94
60) Diethylphthalate	10.333	149	313222	38.440	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	158156	38.716	ng	99
62) 4-Nitroaniline	10.486	138	68055	37.032	ng	97
63) Azobenzene	10.616	77	275193	37.788	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	47520	39.944	ng	99
66) n-Nitrosodiphenylamine	10.574	169	276920	40.625	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	91397	40.831	ng	99
68) Hexachlorobenzene	11.022	284	100307	40.328	ng	97
69) Atrazine	11.104	200	72466	41.168	ng	99
70) Pentachlorophenol	11.222	266	56387	45.495	ng	98
71) Phenanthrene	11.433	178	413131	38.776	ng	99
72) Anthracene	11.486	178	425385	38.930	ng	99
73) Carbazole	11.639	167	349364	37.050	ng	100
74) Di-n-butylphthalate	11.963	149	397485	40.464	ng	99
75) Fluoranthene	12.627	202	367194	36.315	ng	99
77) Benzidine	12.745	184	196199	45.269	ng	100
78) Pyrene	12.857	202	411055	38.016	ng	99
80) Butylbenzylphthalate	13.463	149	138872	44.276	ng	99
81) Benzo(a)anthracene	14.045	228	304337	39.108	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	110843	43.913	ng	99
83) Chrysene	14.080	228	280610	40.410	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	212032	46.985	ng	99
85) Di-n-octyl phthalate	14.639	149	393425	46.235	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	390002	35.035	ng	98
88) Benzo(b)fluoranthene	15.109	252	347540	41.097	ng	100
89) Benzo(k)fluoranthene	15.139	252	292264	36.941	ng	99
90) Benzo(a)pyrene	15.492	252	321220	39.319	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	321404	35.535	ng	98
92) Benzo(g,h,i)perylene	17.539	276	305022	33.820	ng	98

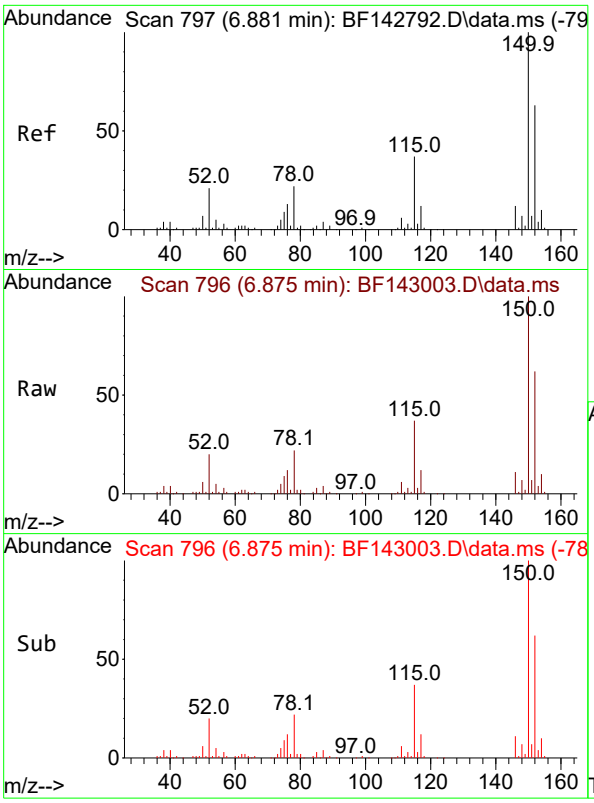
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143003.D
Acq On : 07 Jul 2025 12:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 07 13:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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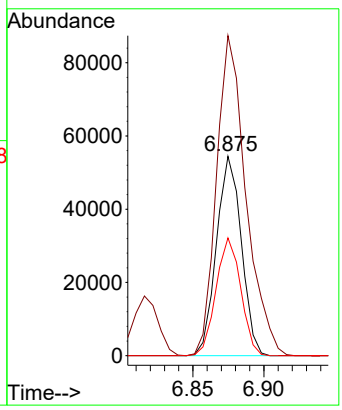


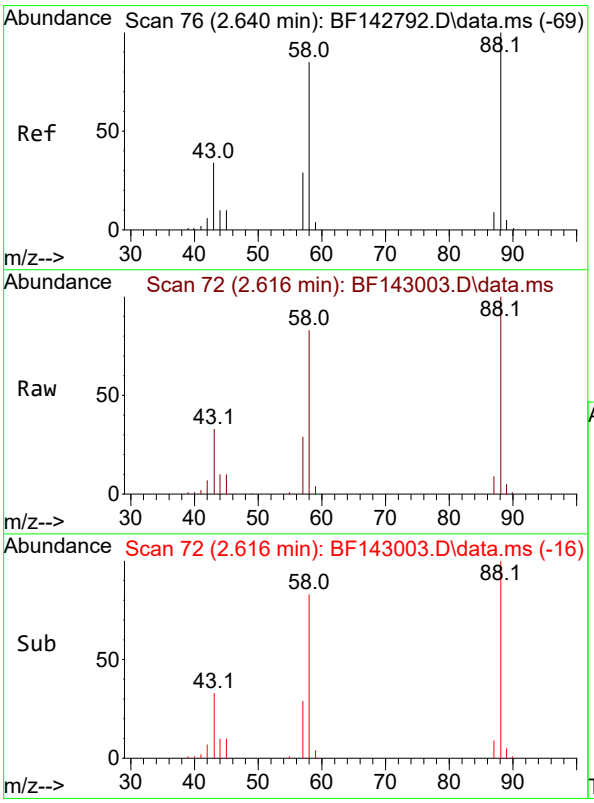
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 66299

Ion	Ratio	Lower	Upper
152	100		
150	160.5	127.2	190.8
115	59.0	46.6	69.8

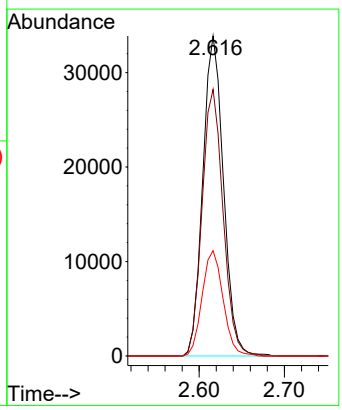


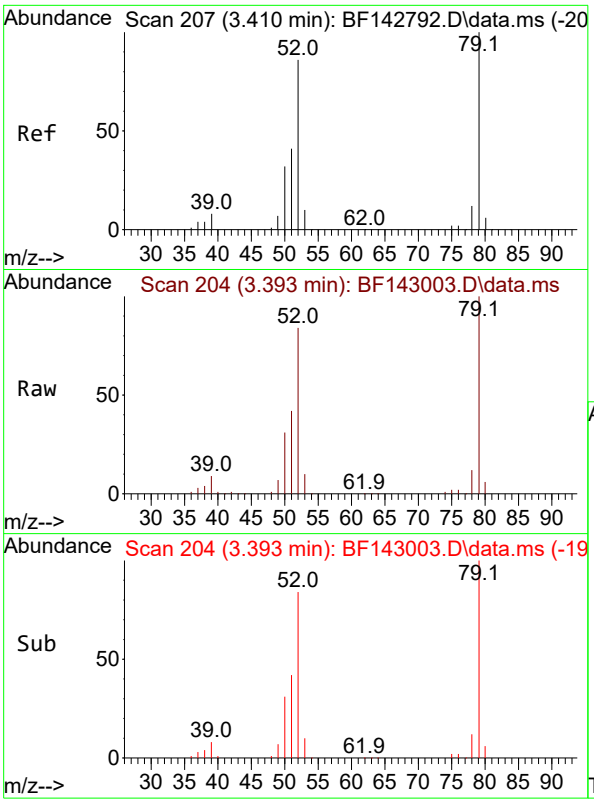


#2
1,4-Dioxane
Concen: 35.782 ng
RT: 2.616 min Scan# 72
Delta R.T. -0.024 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 88 Resp: 56991

Ion	Ratio	Lower	Upper
88	100		
58	84.7	69.1	103.7
43	33.4	27.4	41.2



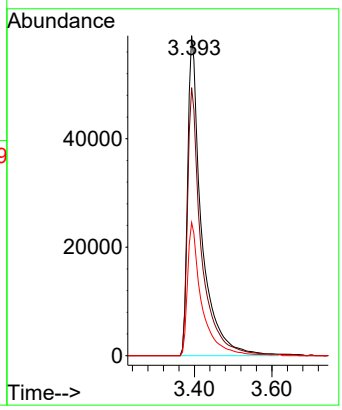


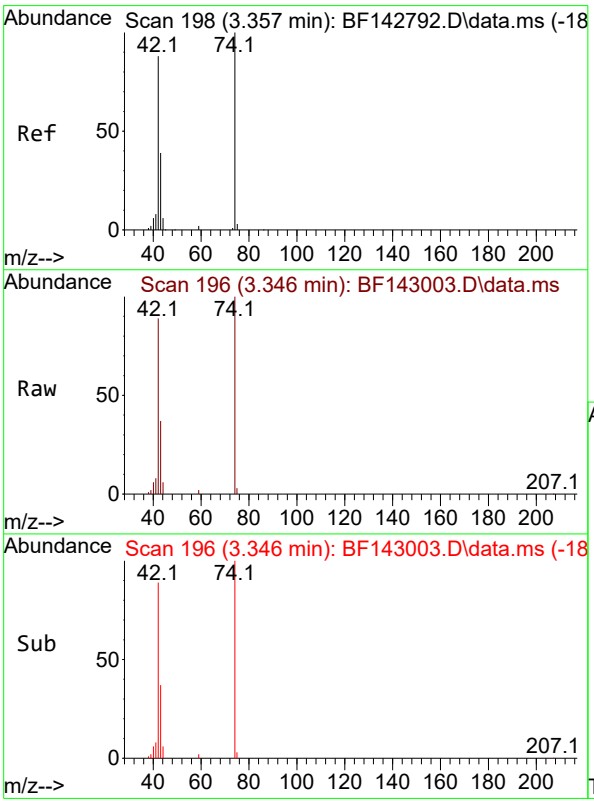
#3
Pyridine
Concen: 36.706 ng
RT: 3.393 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 146566

Ion	Ratio	Lower	Upper
79	100		
52	83.7	69.2	103.8
51	41.6	33.2	49.8

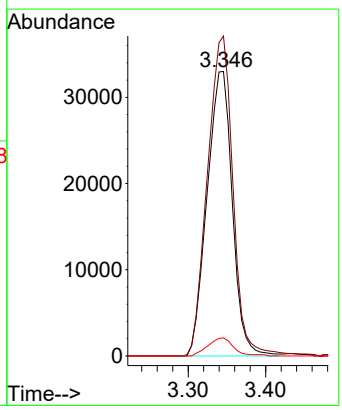


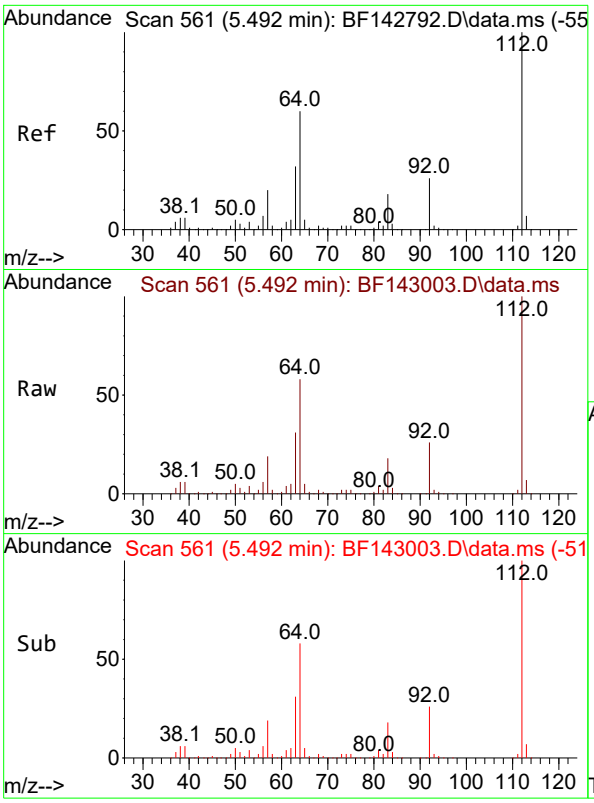


#4
n-Nitrosodimethylamine
Concen: 36.176 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 42 Resp: 74697

Ion	Ratio	Lower	Upper
42	100		
74	112.5	90.9	136.3
44	6.4	5.8	8.6



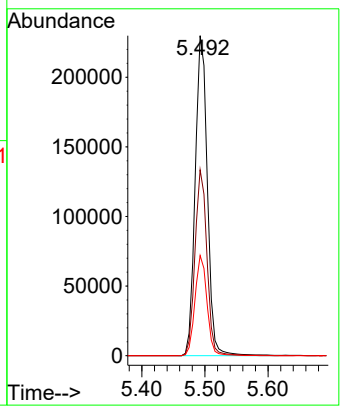


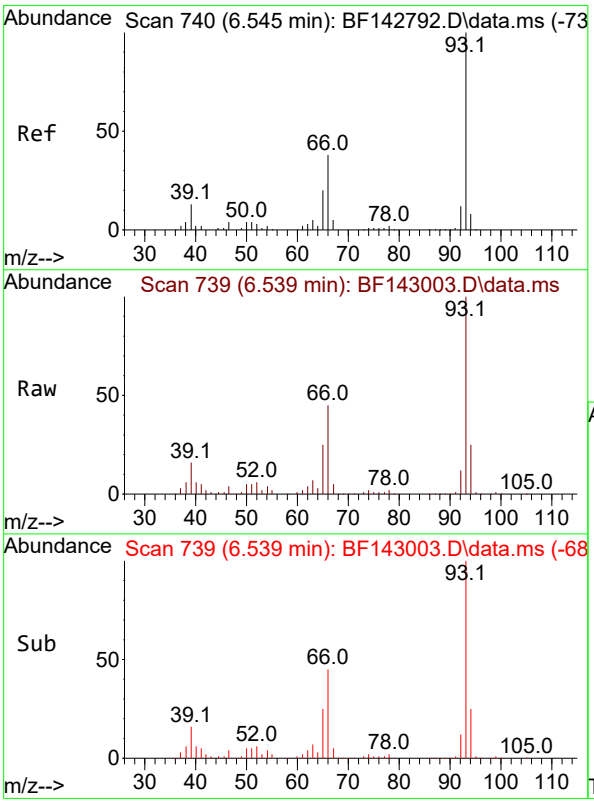
#5
2-Fluorophenol
Concen: 77.207 ng
RT: 5.492 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 307448

Ion	Ratio	Lower	Upper
112	100		
64	58.1	48.2	72.2
63	31.3	25.7	38.5

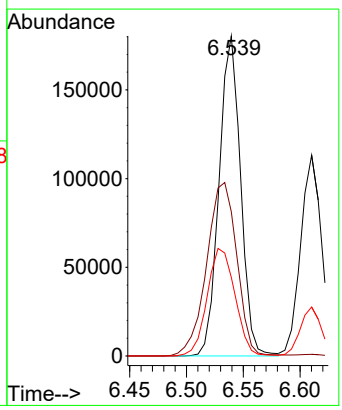


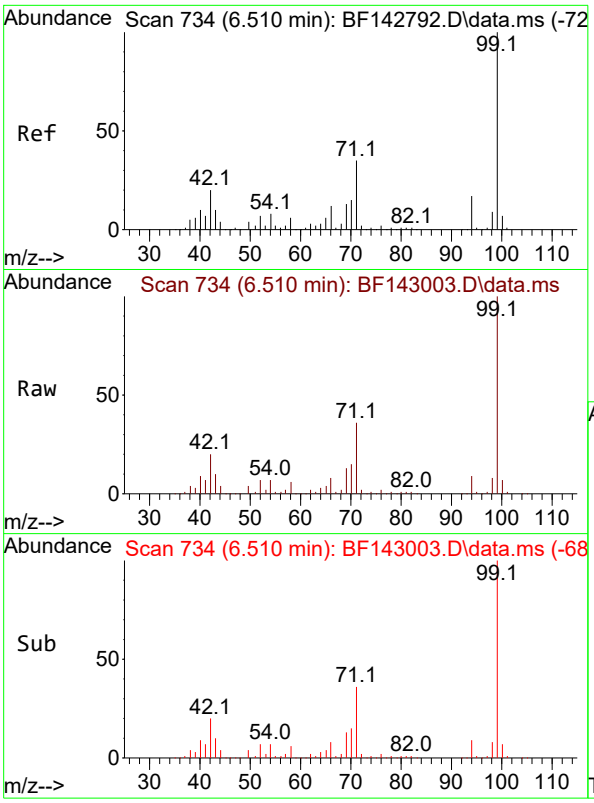


#6
Aniline
Concen: 38.069 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 93 Resp: 237976

Ion	Ratio	Lower	Upper
93	100		
66	45.0	31.8	47.6
65	24.6	16.2	24.2#



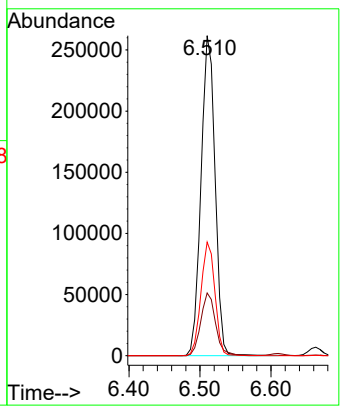


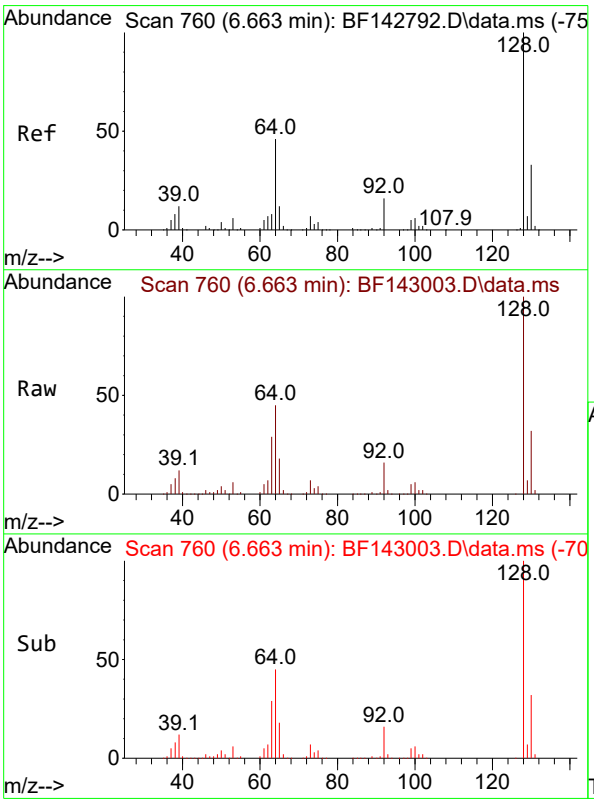
#7
Phenol-d6
Concen: 76.939 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 361466

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.9	23.9
71	35.5	27.8	41.8

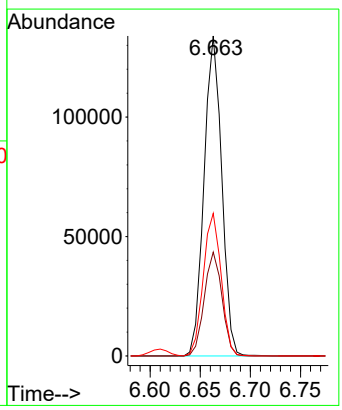


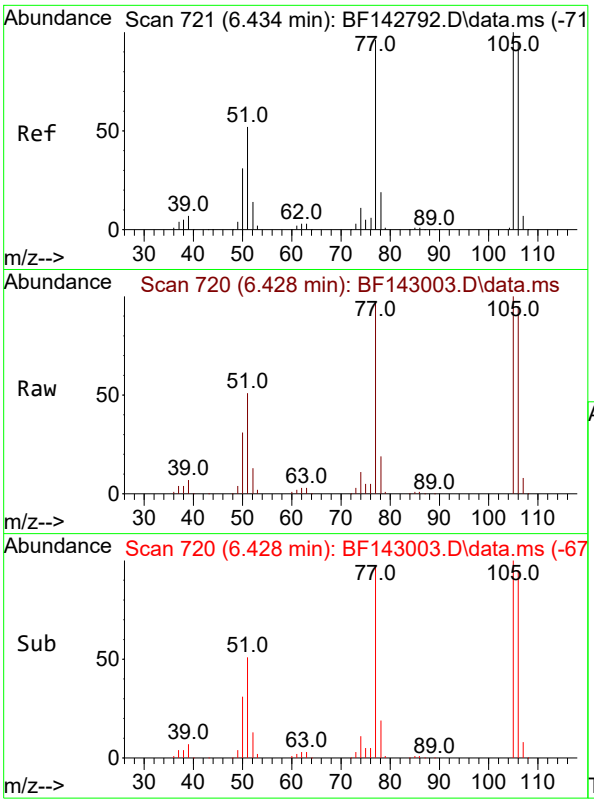


#8
2-Chlorophenol
Concen: 38.405 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:128 Resp: 164969

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	44.6	26.5	66.5



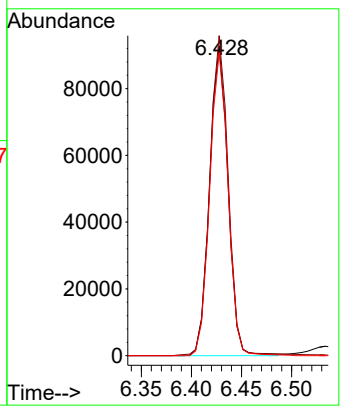


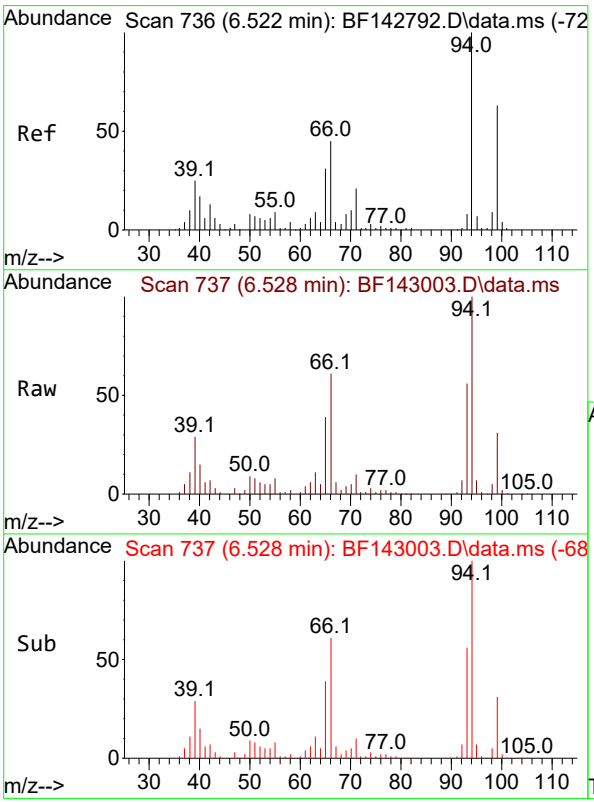
#9
Benzaldehyde
Concen: 42.667 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 118926

Ion	Ratio	Lower	Upper
77	100		
105	103.4	83.8	123.8
106	98.0	78.7	118.7

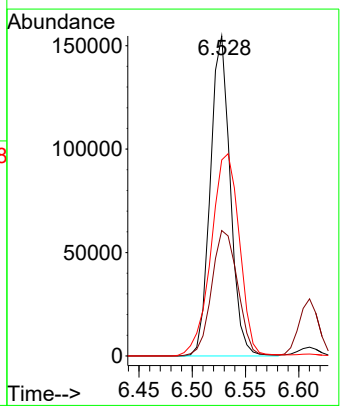


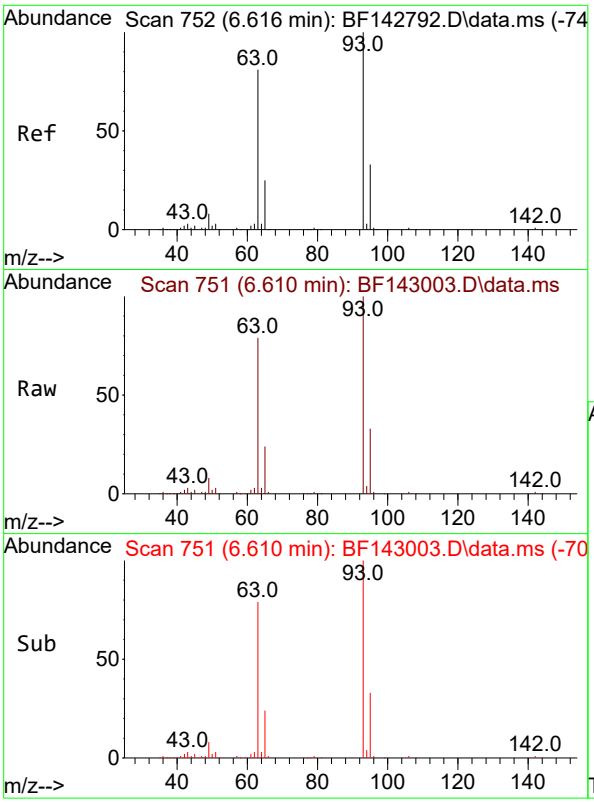


#10
Phenol
Concen: 38.395 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 94 Resp: 200512

Ion	Ratio	Lower	Upper
94	100		
65	39.2	11.3	51.3
66	61.3	24.9	64.9



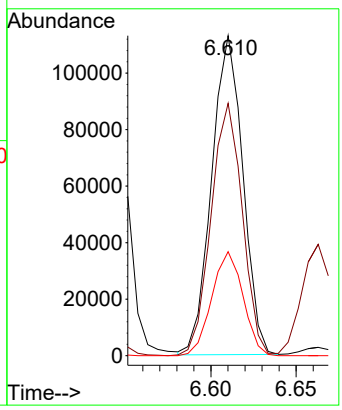


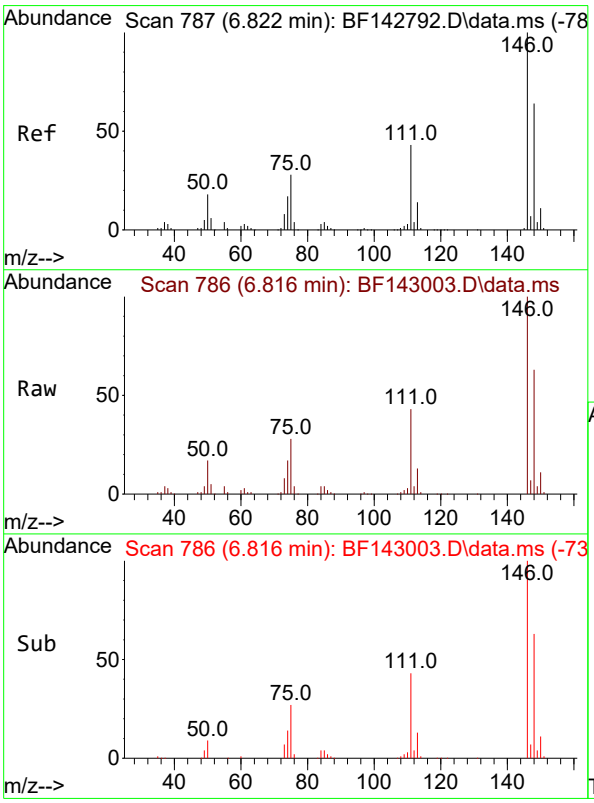
#11
bis(2-Chloroethyl)ether
Concen: 38.570 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 143962

Ion	Ratio	Lower	Upper
93	100		
63	78.9	60.3	100.3
95	32.5	12.5	52.5

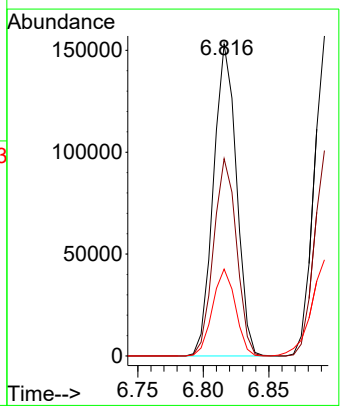


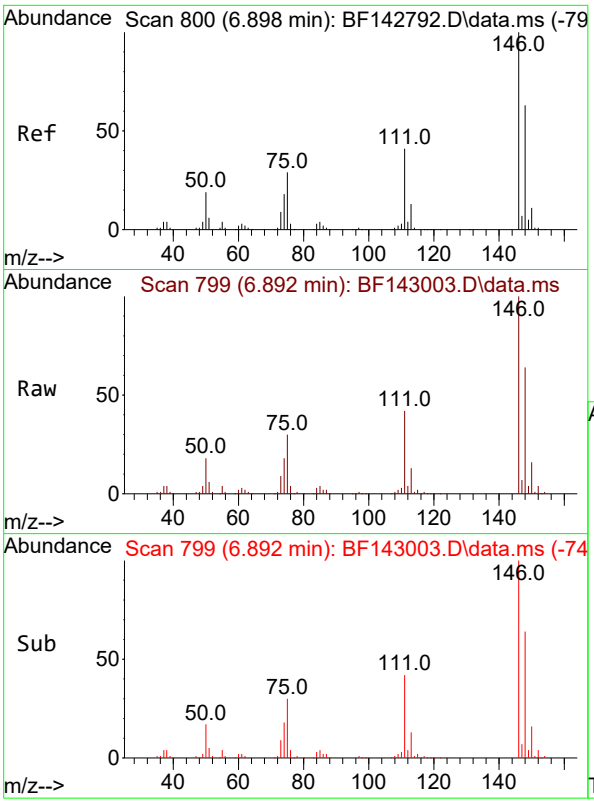


#12
1,3-Dichlorobenzene
Concen: 38.778 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:146 Resp: 186294

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
75	27.8	22.7	34.1



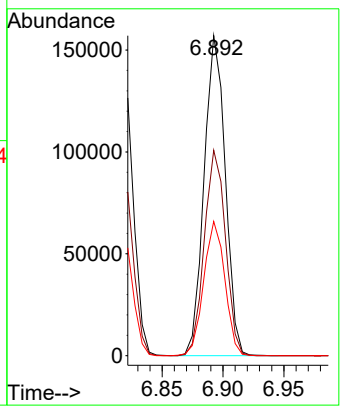


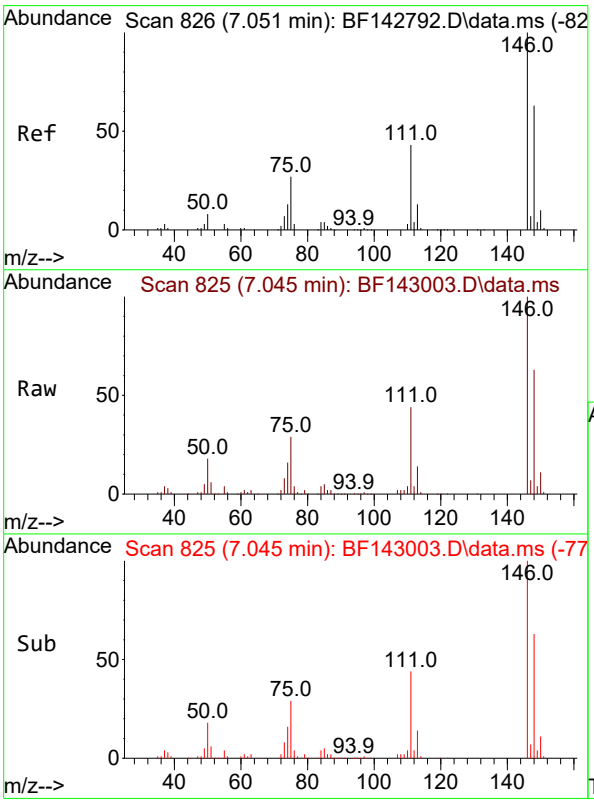
#13
1,4-Dichlorobenzene
Concen: 39.211 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 190051

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.2
111	41.9	33.2	49.8

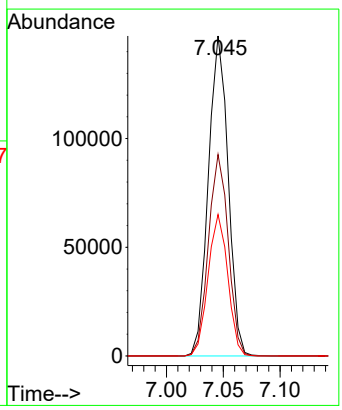


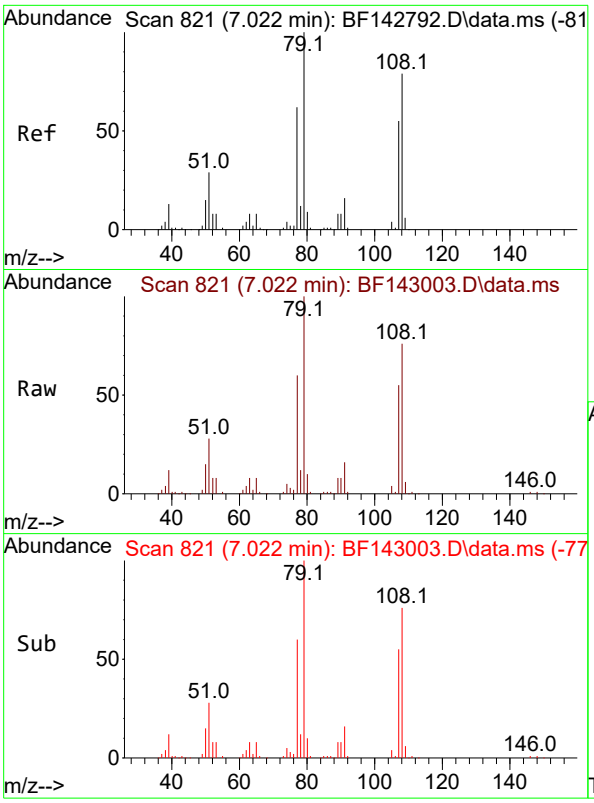


#14
1,2-Dichlorobenzene
Concen: 38.836 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:146 Resp: 178538

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.4	75.6
111	44.2	34.1	51.1



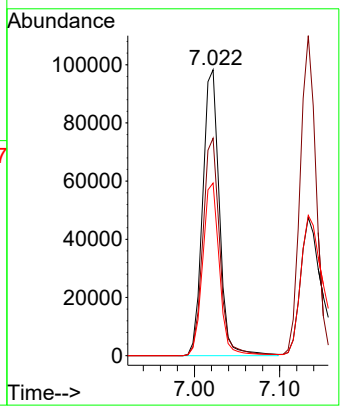


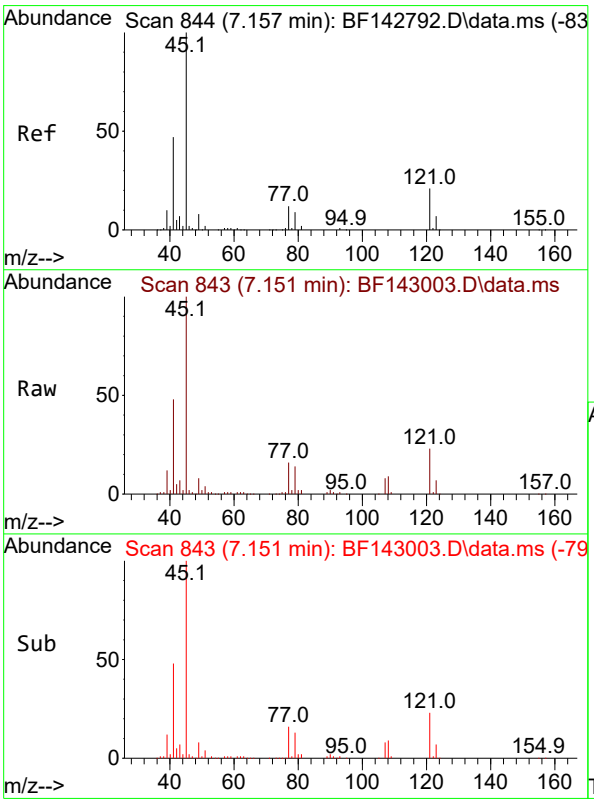
#15
Benzyl Alcohol
Concen: 39.365 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 133701

Ion	Ratio	Lower	Upper
79	100		
108	76.1	63.4	95.0
77	60.4	49.5	74.3

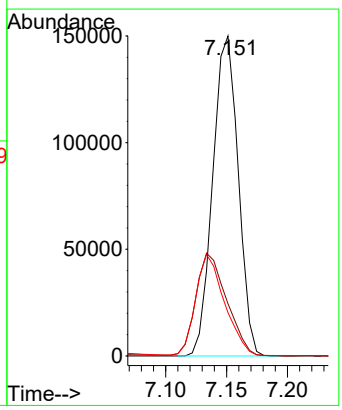


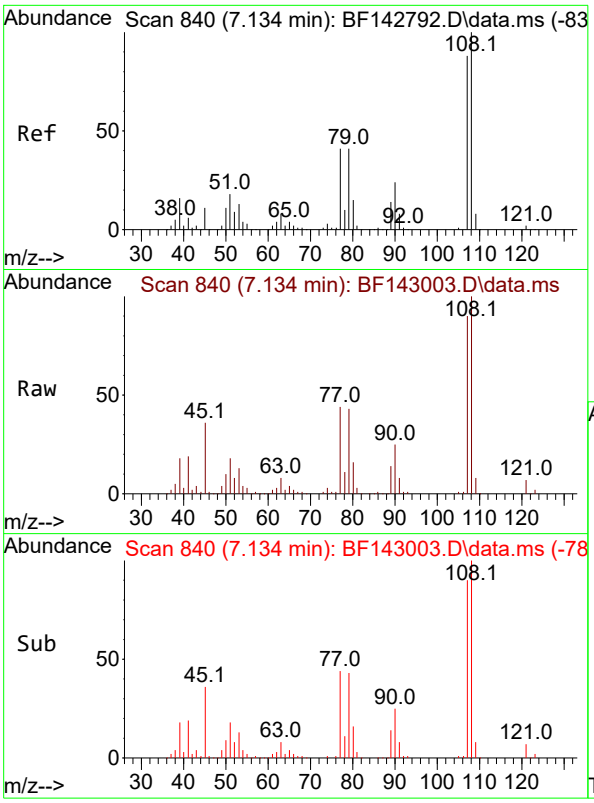


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.367 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 45 Resp: 218081

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	32.8
79	13.6	0.0	29.8



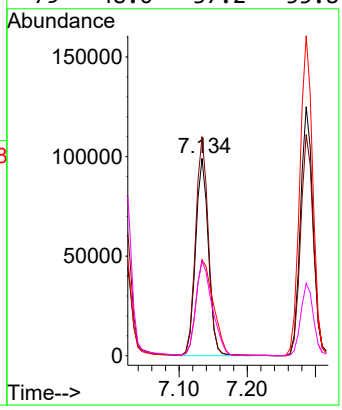


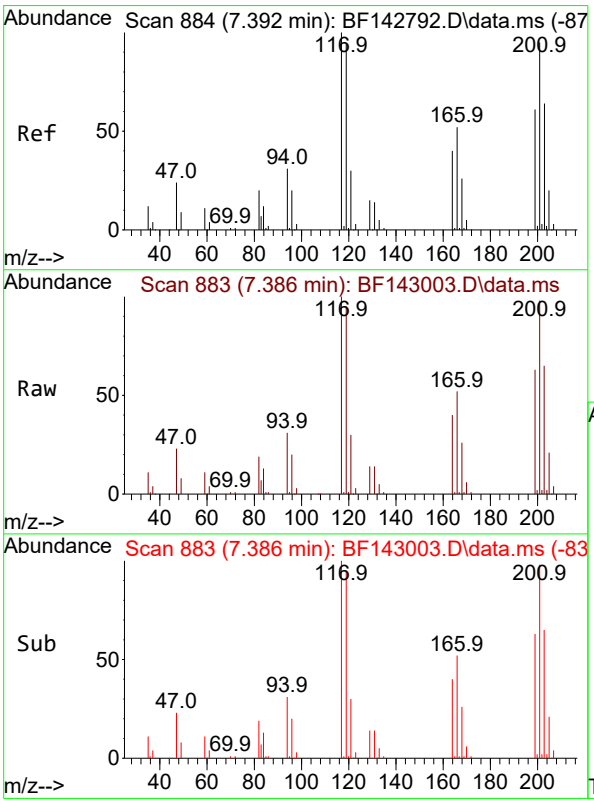
#17
2-Methylphenol
Concen: 39.871 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 129791

Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.9	136.3
77	48.7	37.3	55.9
79	48.0	37.2	55.8

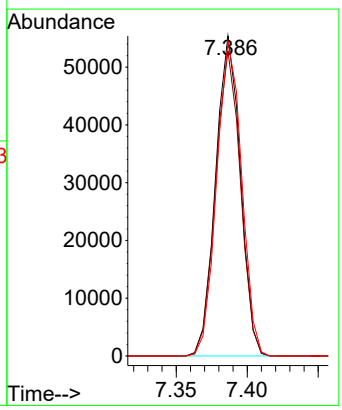


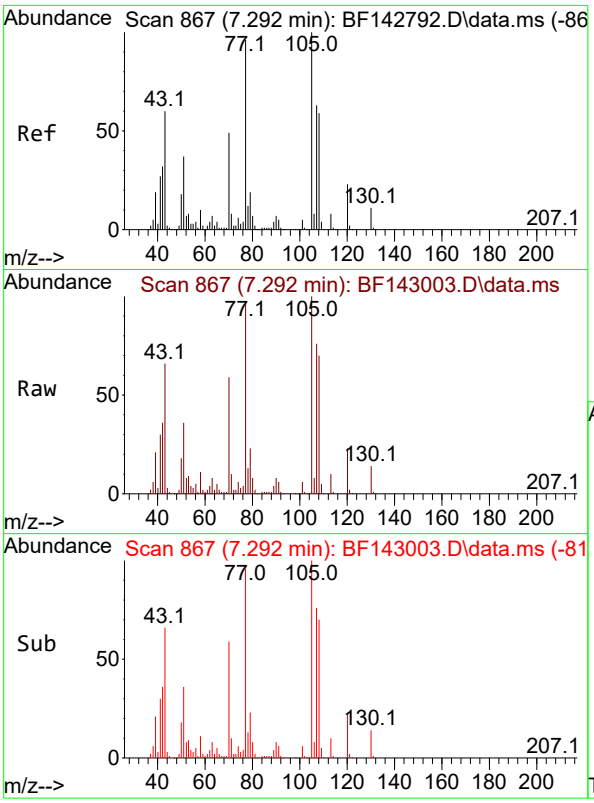


#18
Hexachloroethane
Concen: 39.601 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:117 Resp: 67136

Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.4	113.0
201	98.3	75.9	113.9



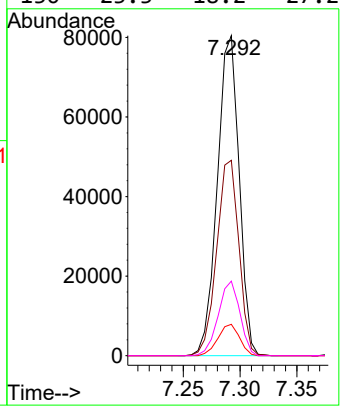


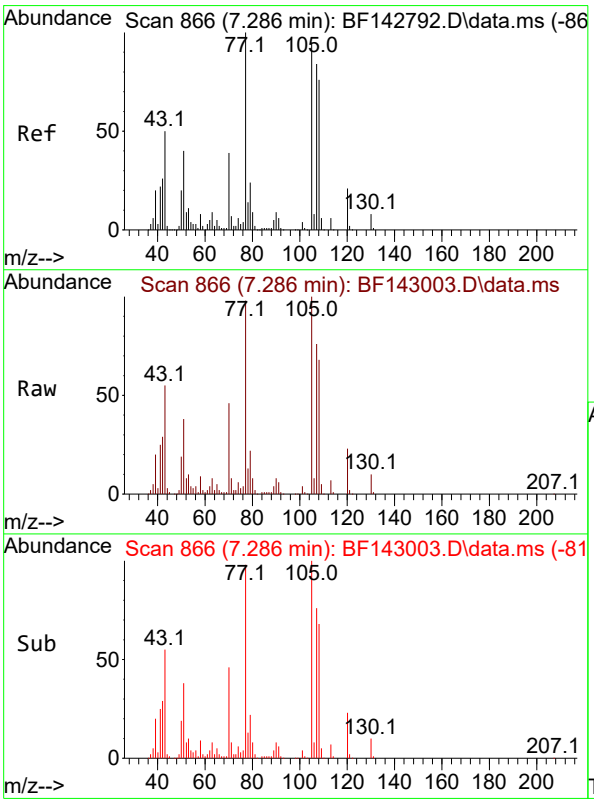
#19
n-Nitroso-di-n-propylamine
Concen: 39.369 ng
RT: 7.292 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 107572

Ion	Ratio	Lower	Upper
70	100		
42	61.0	52.1	78.1
101	9.8	8.2	12.2
130	23.3	18.2	27.2

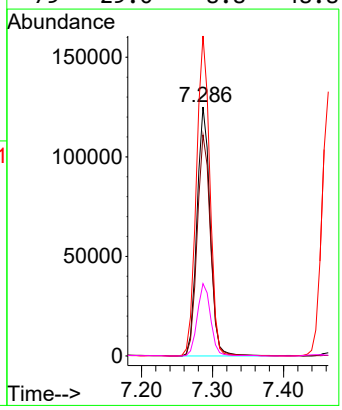


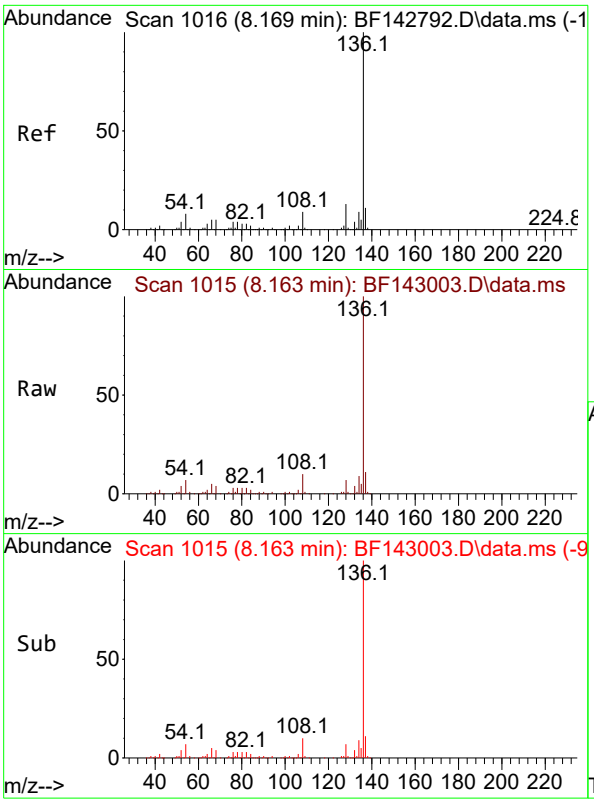


#20
3+4-Methylphenols
Concen: 39.972 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:107 Resp: 162236

Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.0	110.0
77	128.5	98.5	138.5
79	29.0	8.8	48.8



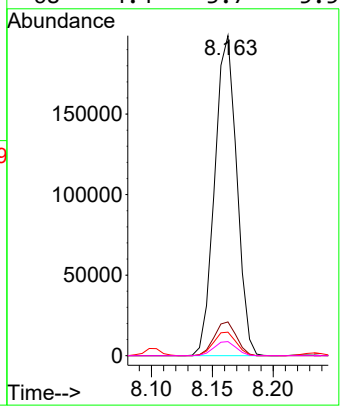


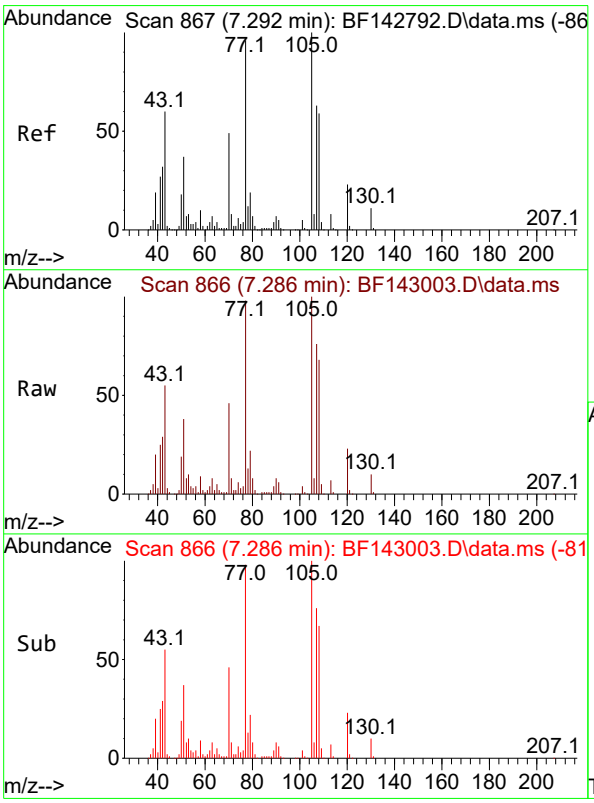
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 250576

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.4	6.3	9.5
68	4.4	3.7	5.5

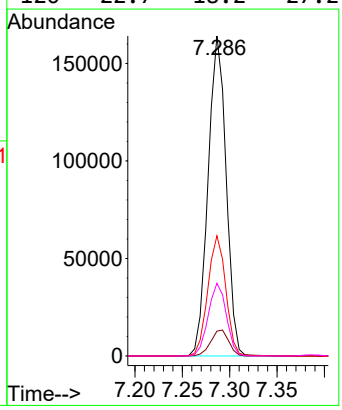


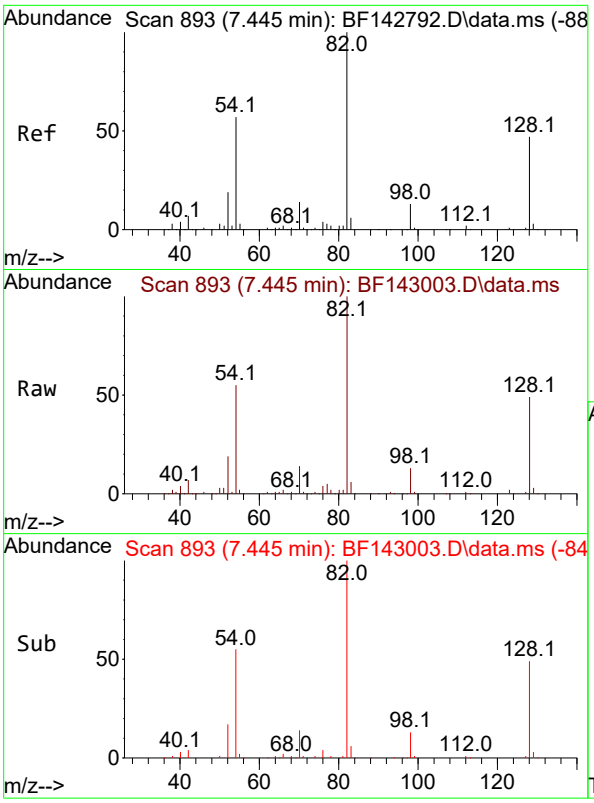


#22
Acetophenone
Concen: 39.346 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:105 Resp: 217414

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.5	9.7
51	37.5	29.8	44.8
120	22.7	18.2	27.2



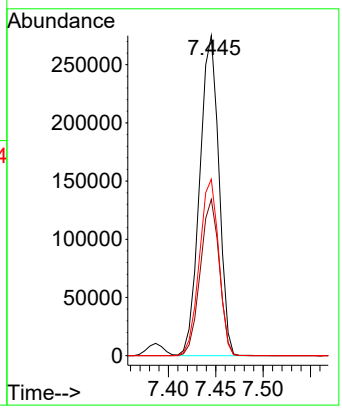


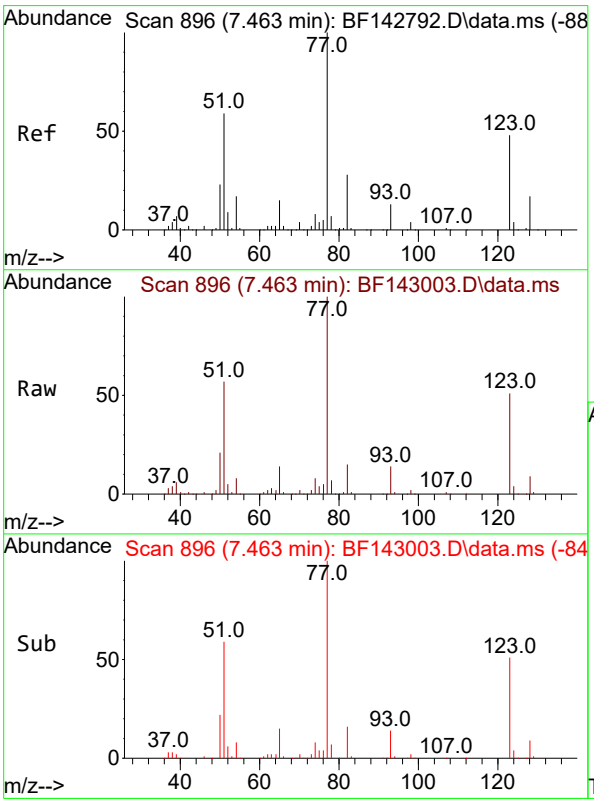
#23
Nitrobenzene-d5
Concen: 84.475 ng
RT: 7.445 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 385910

Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.7	56.5
54	55.2	45.7	68.5

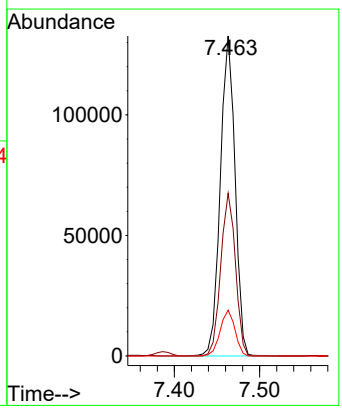


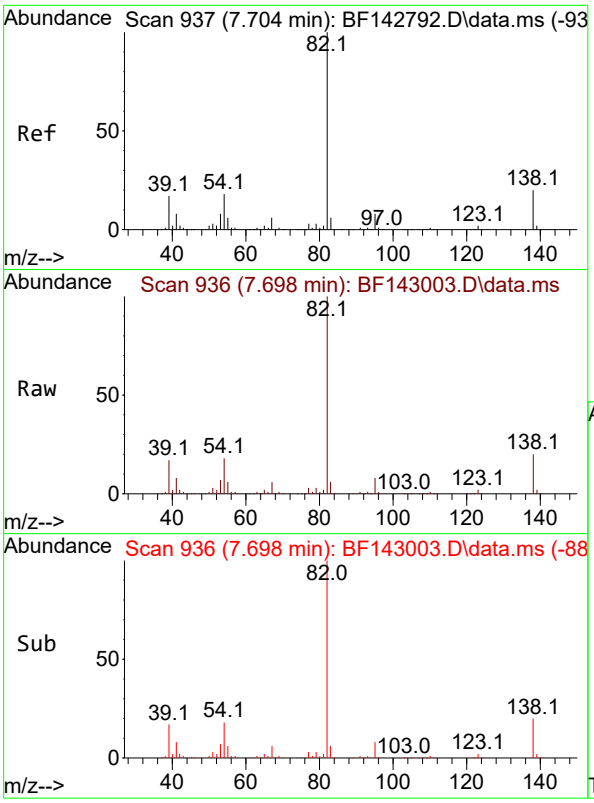


#24
Nitrobenzene
Concen: 38.630 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 77 Resp: 159724

Ion	Ratio	Lower	Upper
77	100		
123	50.8	39.2	58.8
65	14.3	11.6	17.4



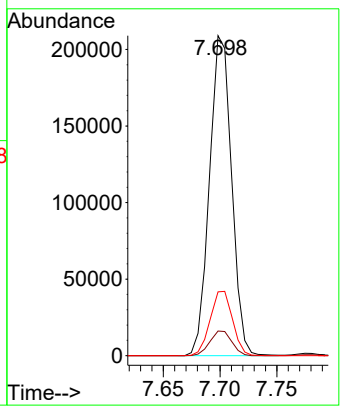


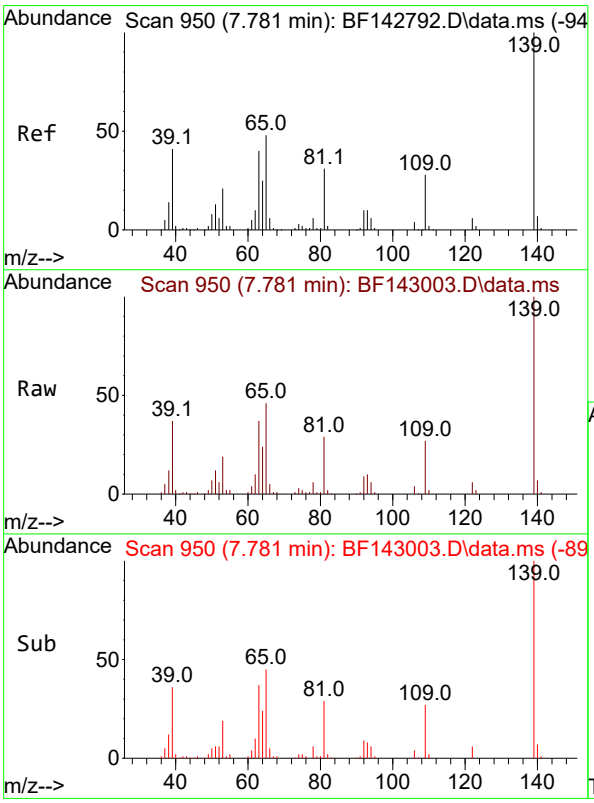
#25
Isophorone
Concen: 38.672 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 283403

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	20.0	16.2	24.4

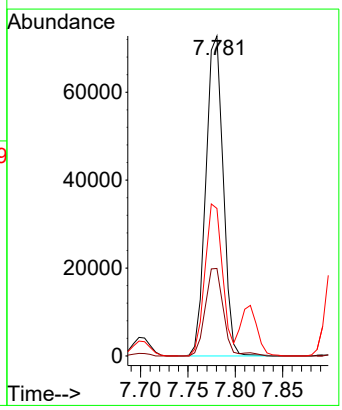


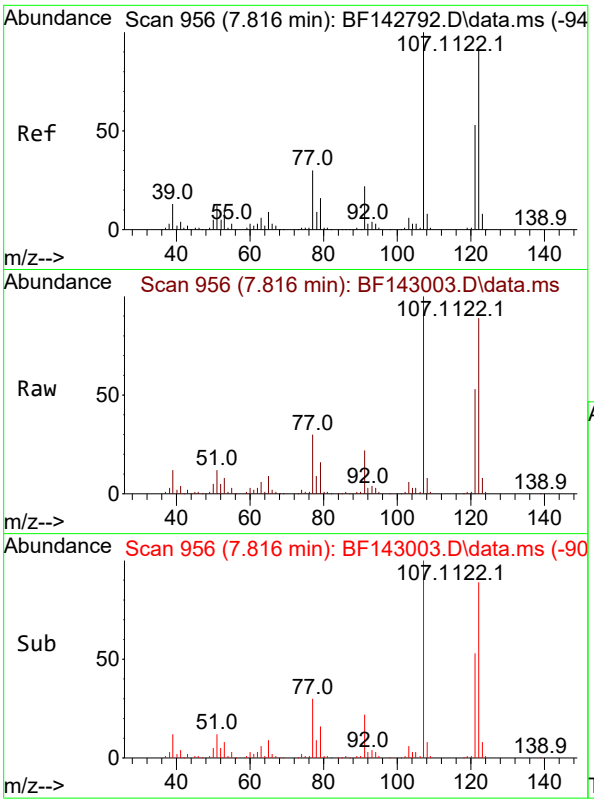


#26
2-Nitrophenol
Concen: 41.029 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:139 Resp: 92413

Ion	Ratio	Lower	Upper
139	100		
109	27.4	22.7	34.1
65	46.1	38.6	58.0



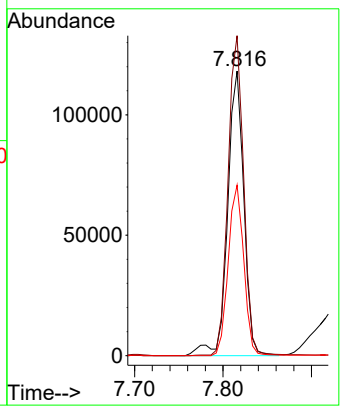


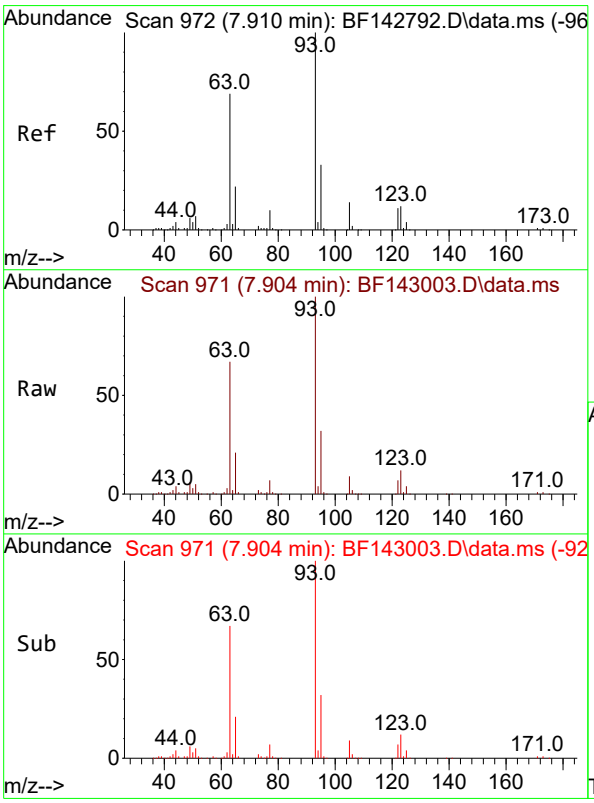
#27
2,4-Dimethylphenol
Concen: 38.538 ng m
RT: 7.816 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 150356

Ion	Ratio	Lower	Upper
122	100		
107	112.4	88.0	132.0
121	59.9	46.3	69.5

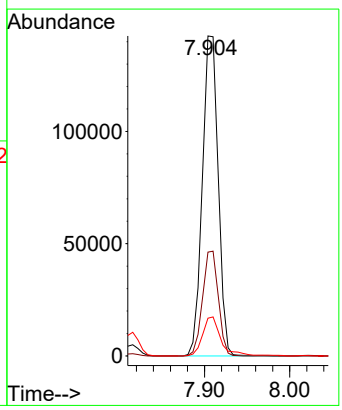


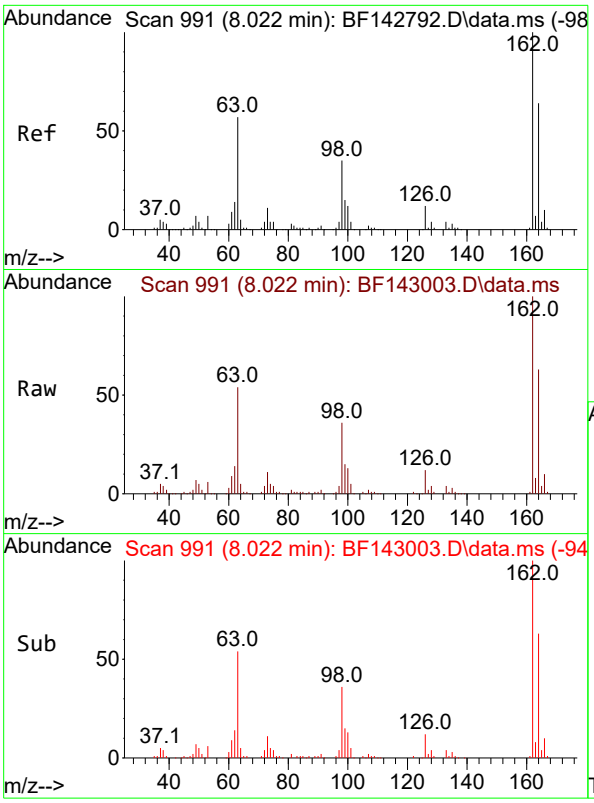


#28
bis(2-Chloroethoxy)methane
Concen: 39.573 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 93 Resp: 184372

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	11.8	9.9	14.9



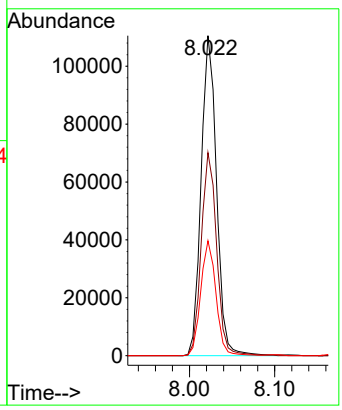


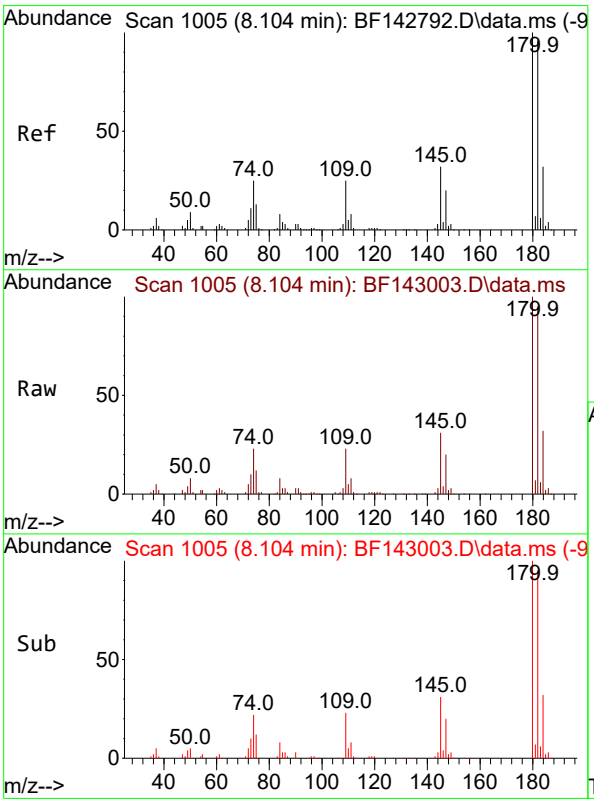
#29
2,4-Dichlorophenol
Concen: 39.320 ng
RT: 8.022 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 139097

Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.0	84.0
98	35.9	15.4	55.4

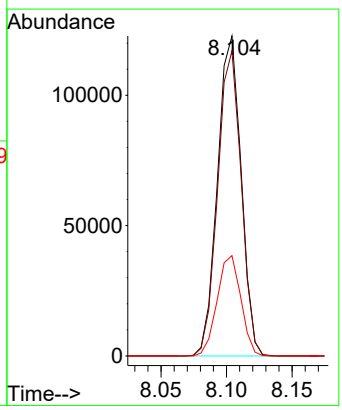


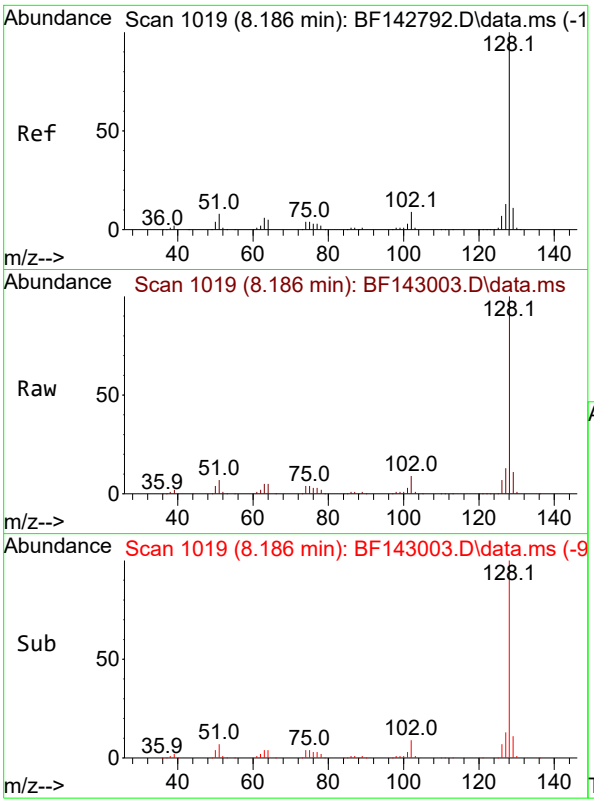


#30
1,2,4-Trichlorobenzene
Concen: 39.498 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:180 Resp: 153647

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	31.3	25.8	38.8



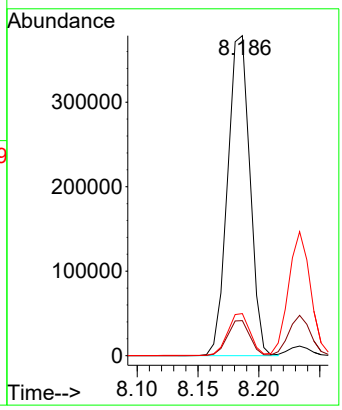


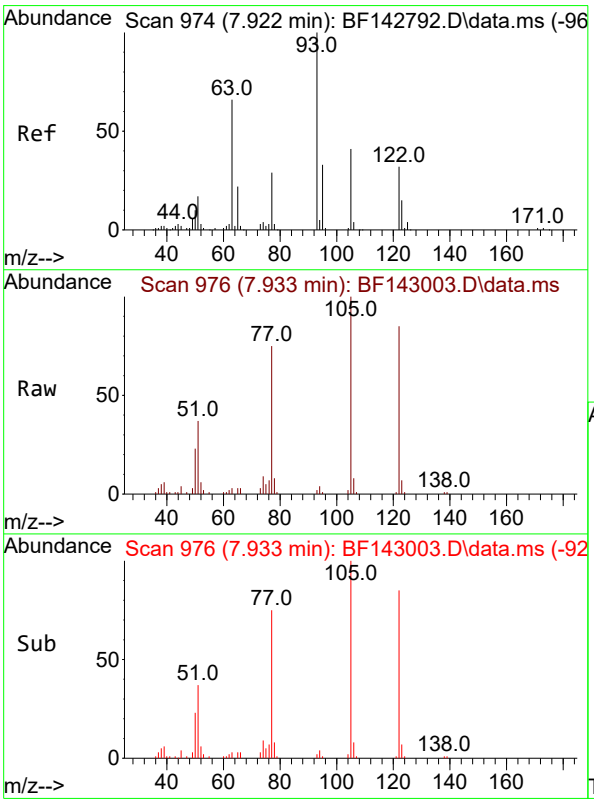
#31
Naphthalene
Concen: 39.334 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 482441

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.1	10.4	15.6

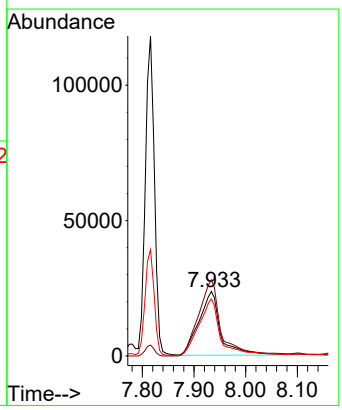


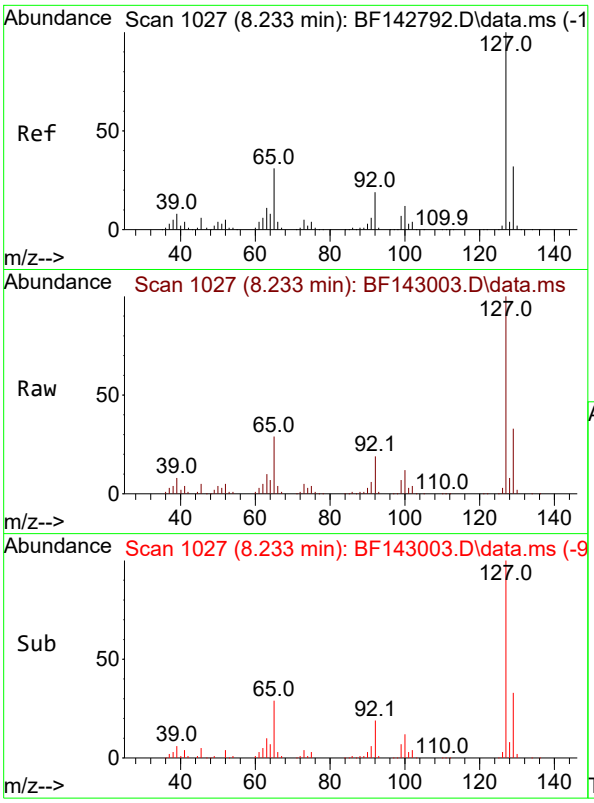


#32
Benzoic acid
Concen: 34.462 ng
RT: 7.933 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:122 Resp: 68529

Ion	Ratio	Lower	Upper
122	100		
105	118.0	104.7	144.7
77	88.5	70.2	110.2



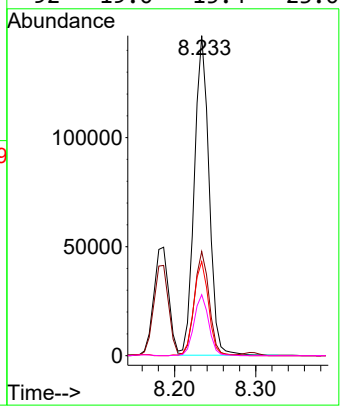


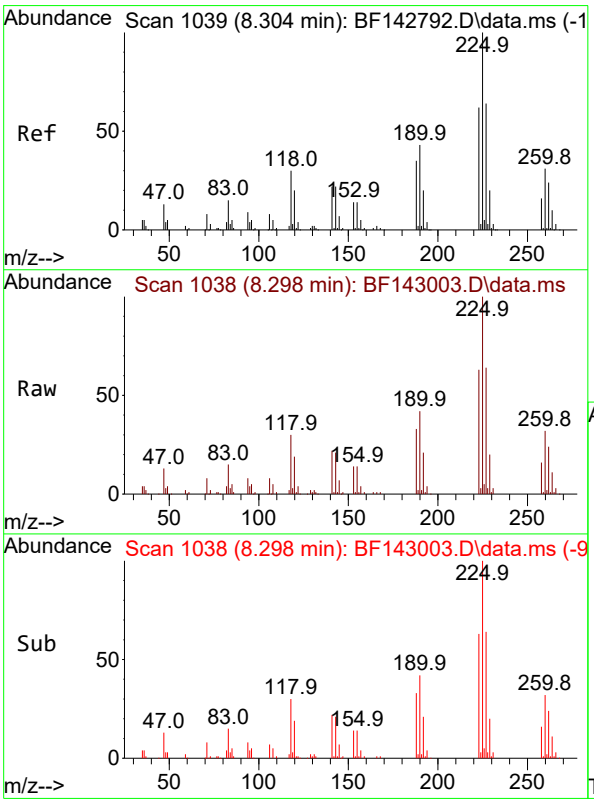
#33
4-Chloroaniline
Concen: 37.195 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 185501

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.4	24.6	36.8
92	19.0	15.4	23.0

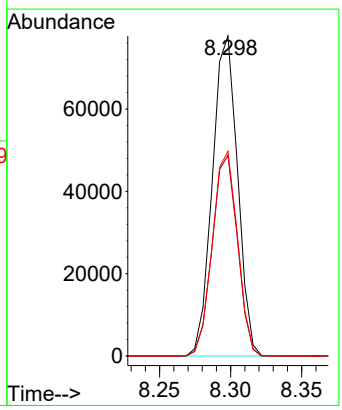


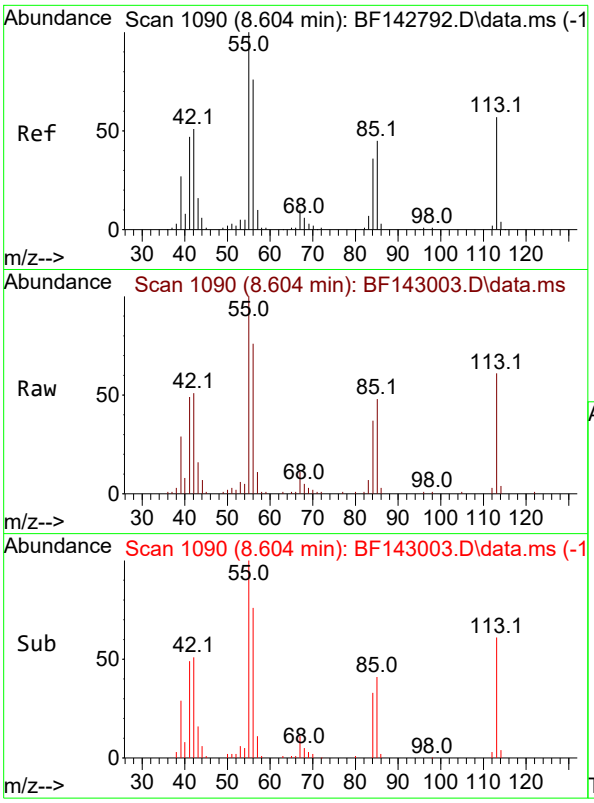


#34
Hexachlorobutadiene
Concen: 40.249 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:225 Resp: 95769

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.9	74.9
227	64.0	51.4	77.0



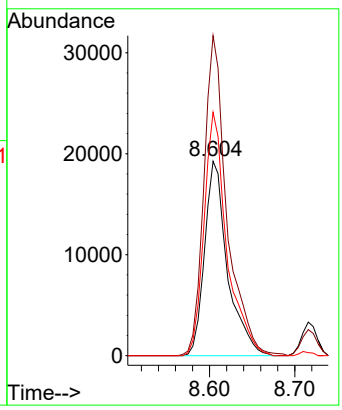


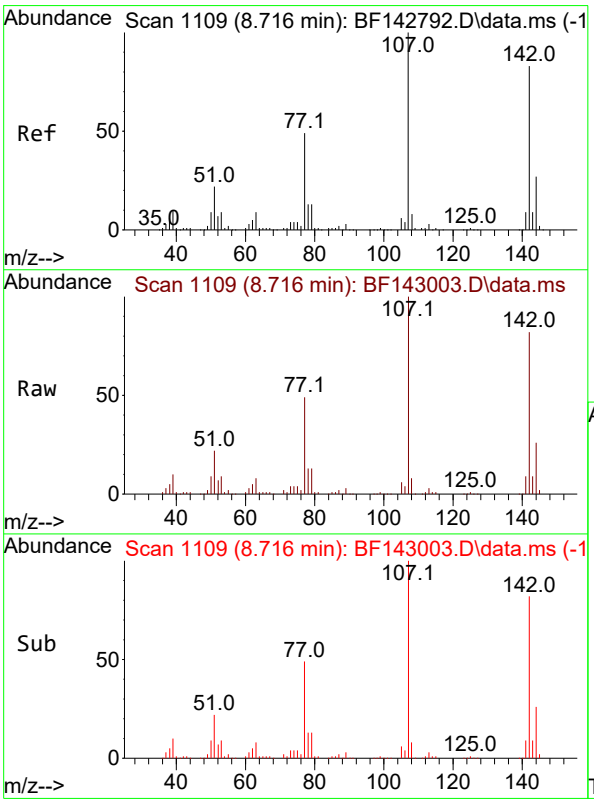
#35
Caprolactam
Concen: 38.545 ng
RT: 8.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 35981

Ion	Ratio	Lower	Upper
113	100		
55	164.7	154.4	194.4
56	125.2	112.1	152.1

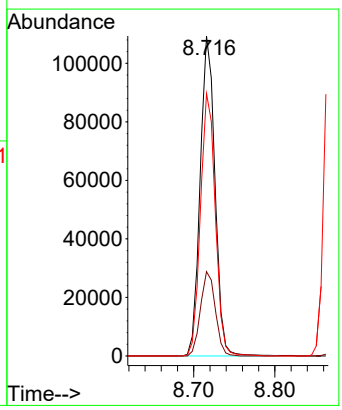


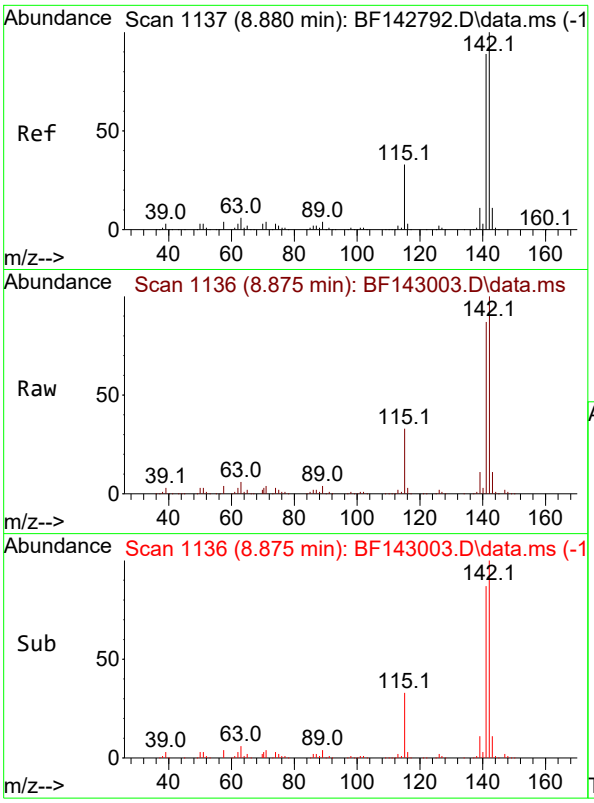


#36
4-Chloro-3-methylphenol
Concen: 39.359 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:107 Resp: 138376

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.3	31.9
142	82.0	66.6	100.0



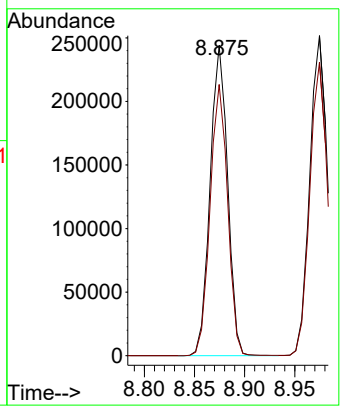


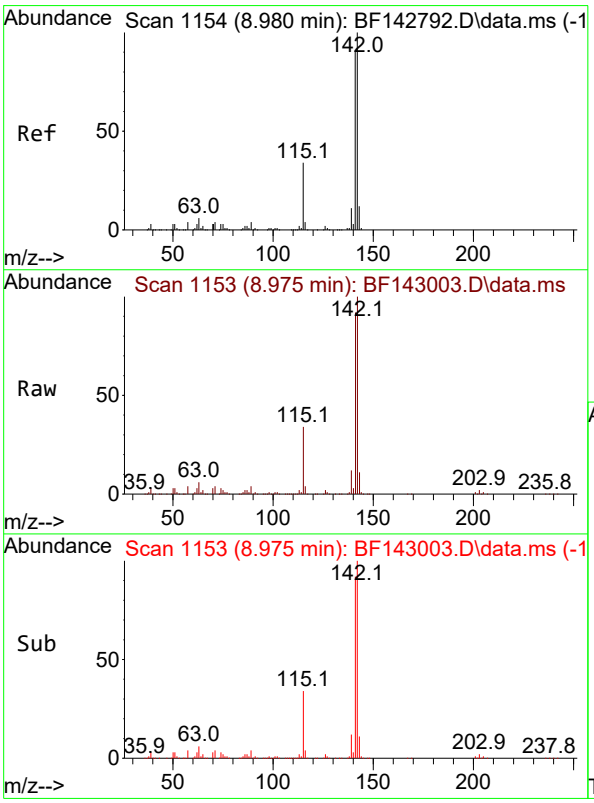
#37
2-Methylnaphthalene
Concen: 39.070 ng
RT: 8.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 297088

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.9	106.3

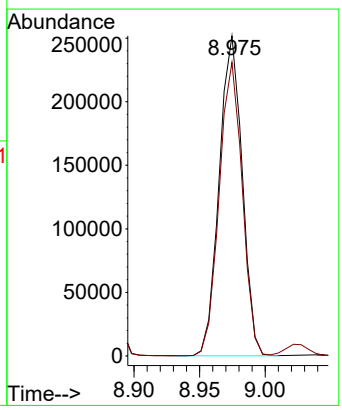


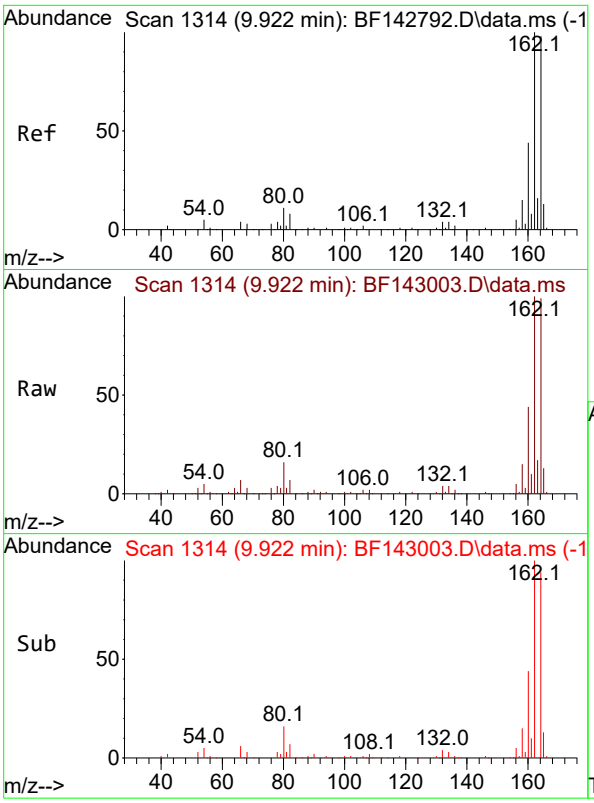


#38
1-Methylnaphthalene
Concen: 38.897 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:142 Resp: 306180

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.0	109.4



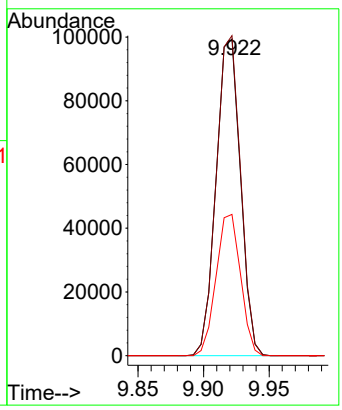


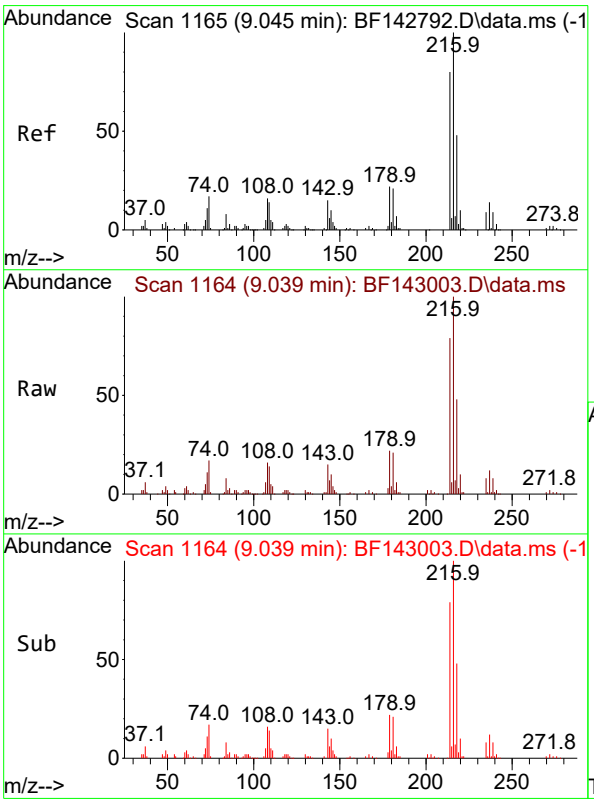
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 128386

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.8	122.8
160	44.6	36.0	54.0

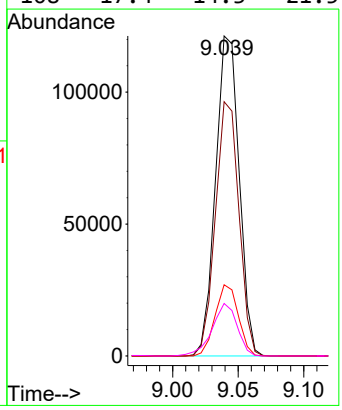


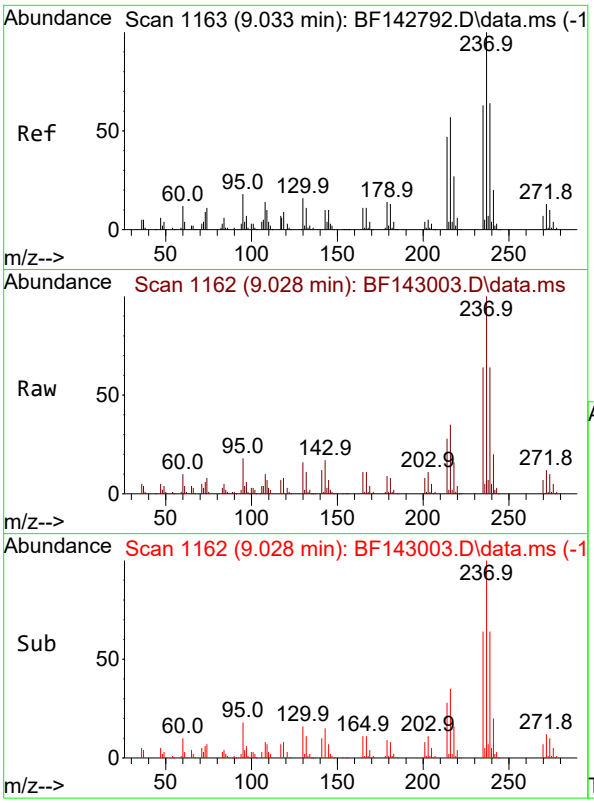


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.120 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:216 Resp: 151986

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.7	95.5
179	21.8	17.6	26.4
108	17.4	14.3	21.5



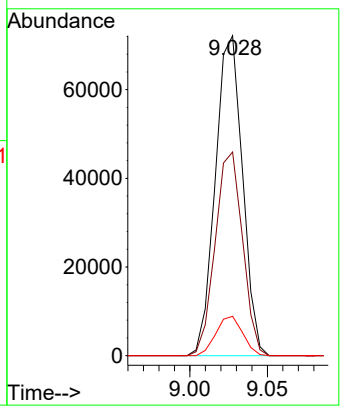


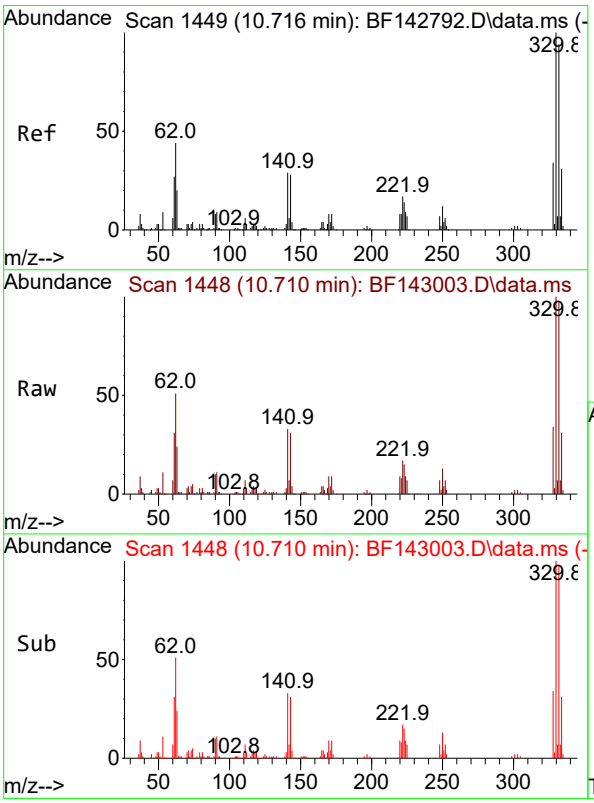
#41
Hexachlorocyclopentadiene
Concen: 40.967 ng
RT: 9.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 88069

Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.4	83.4
272	12.3	0.0	32.7

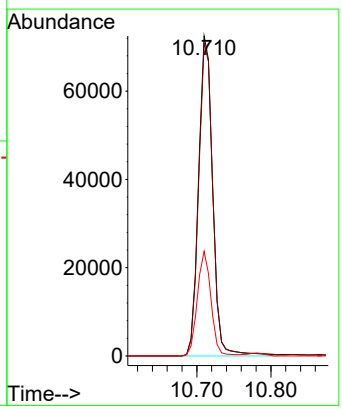


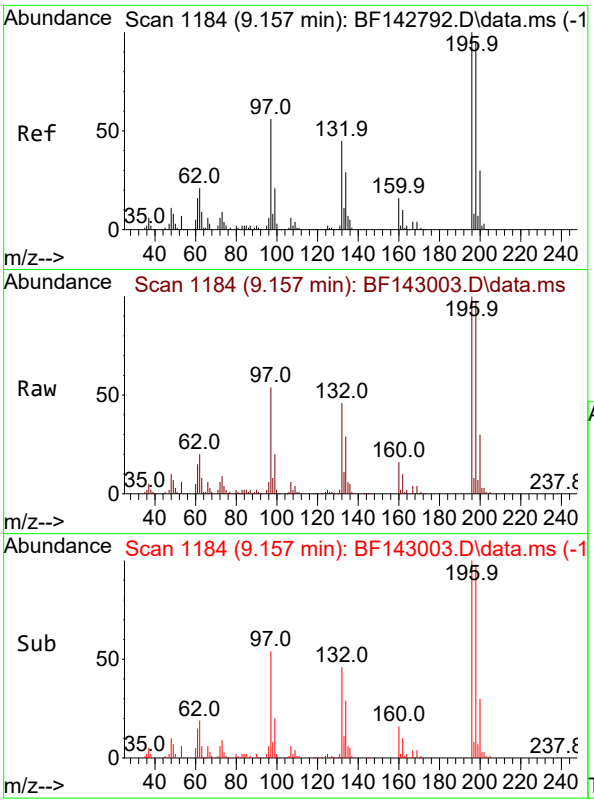


#42
2,4,6-Tribromophenol
Concen: 72.570 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:330 Resp: 95878

Ion	Ratio	Lower	Upper
330	100		
332	98.5	75.0	112.6
141	31.6	25.3	37.9



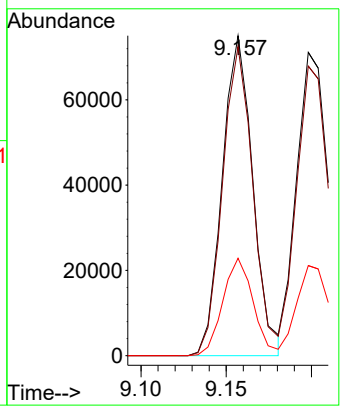


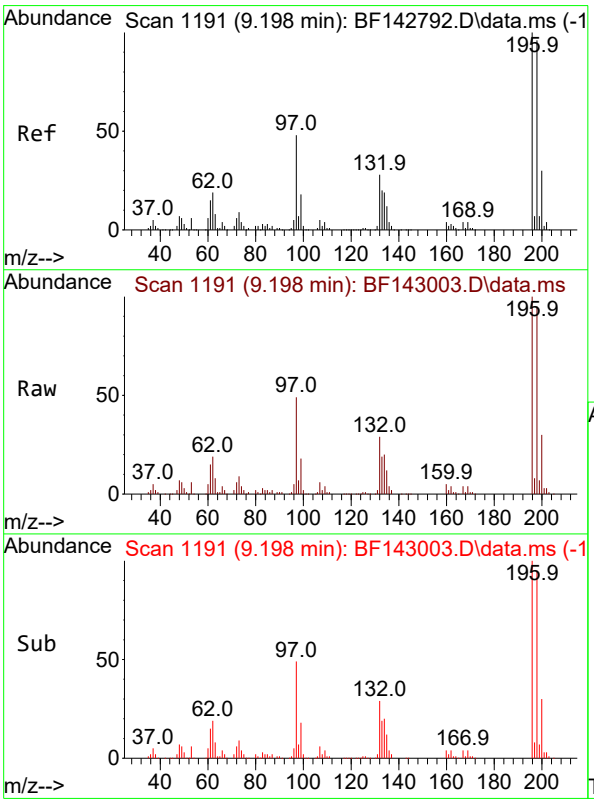
#43
2,4,6-Trichlorophenol
Concen: 37.913 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 93588

Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.2	114.2
200	30.4	24.1	36.1

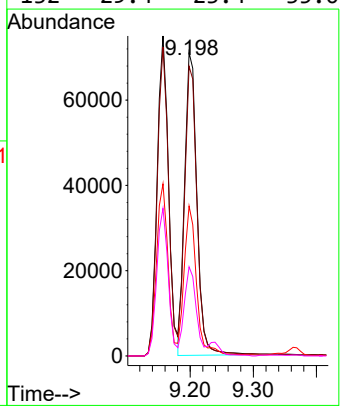


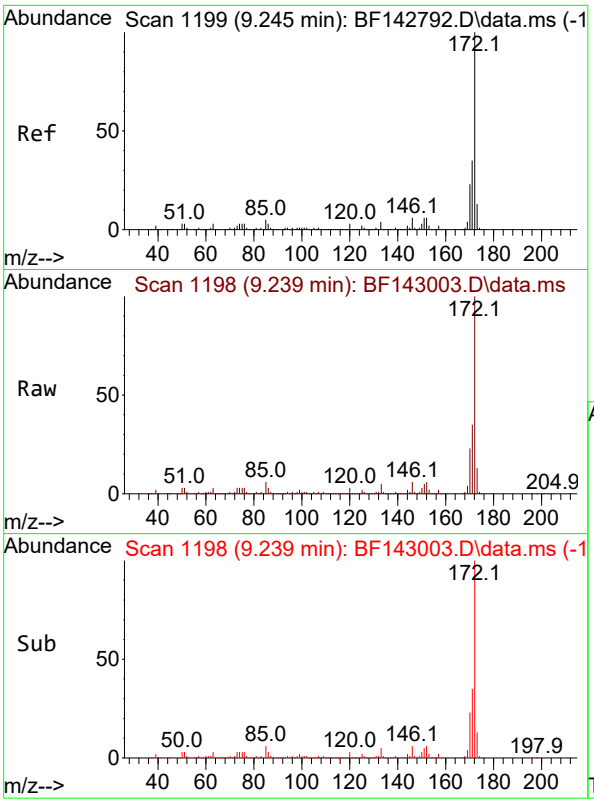


#44
2,4,5-Trichlorophenol
Concen: 37.348 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:196 Resp: 97051

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.6	115.0
97	49.4	38.2	57.2
132	29.4	23.4	35.0



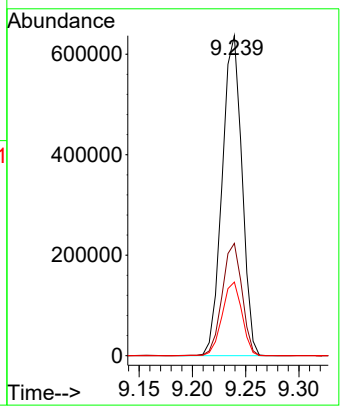


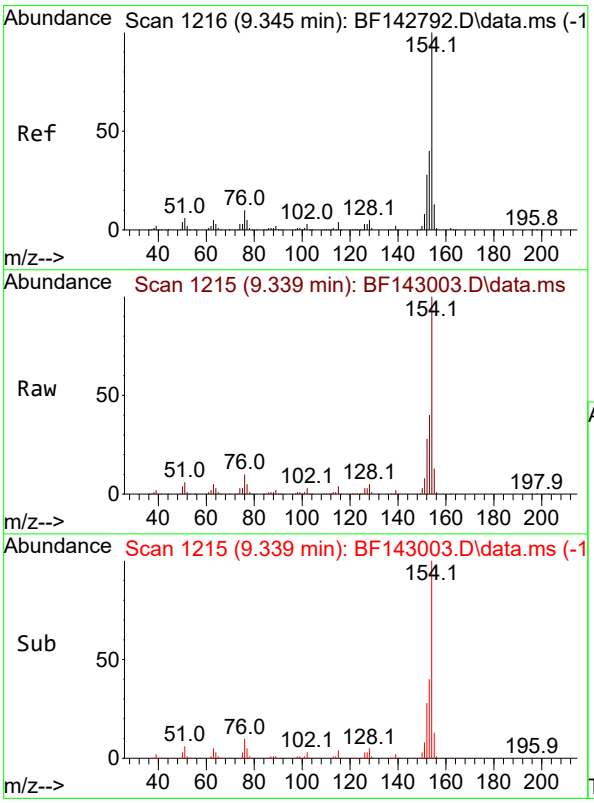
#45
2-Fluorobiphenyl
Concen: 84.026 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 821191

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.0	18.5	27.7

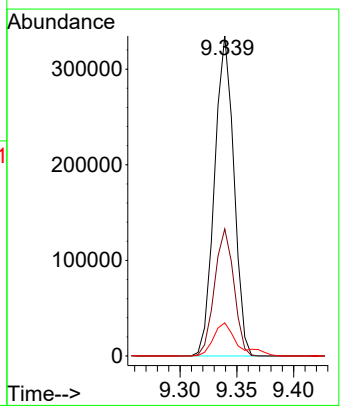


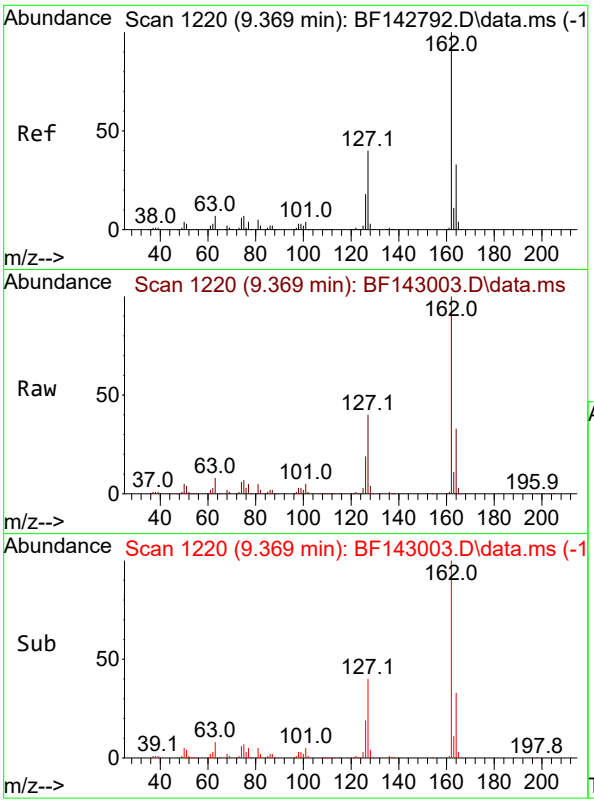


#46
1,1'-Biphenyl
Concen: 39.146 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:154 Resp: 397007

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.3	60.3
76	10.4	0.0	30.3



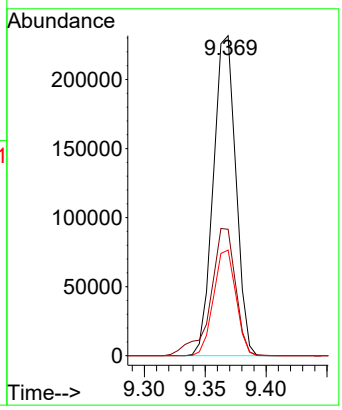


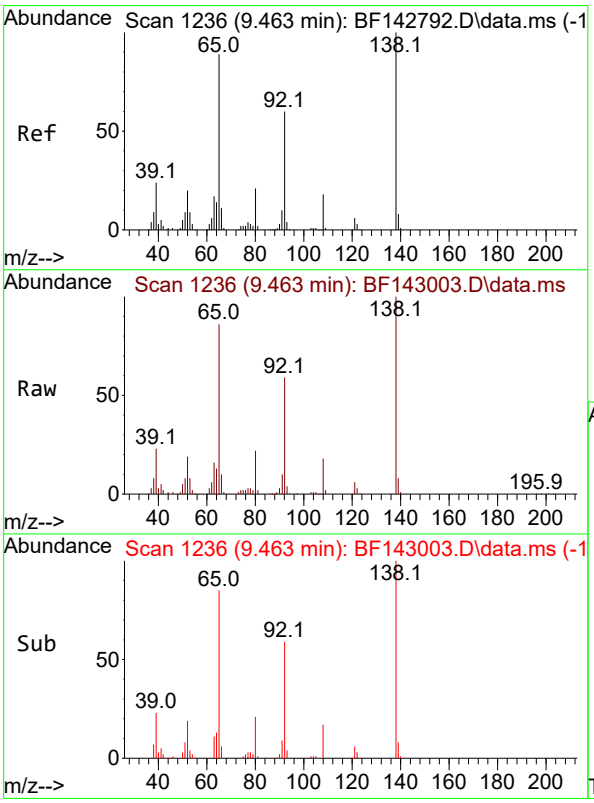
#47
2-Chloronaphthalene
Concen: 39.144 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 297910

Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.2	48.2
164	33.0	26.1	39.1

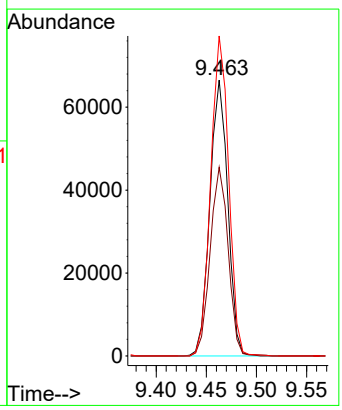


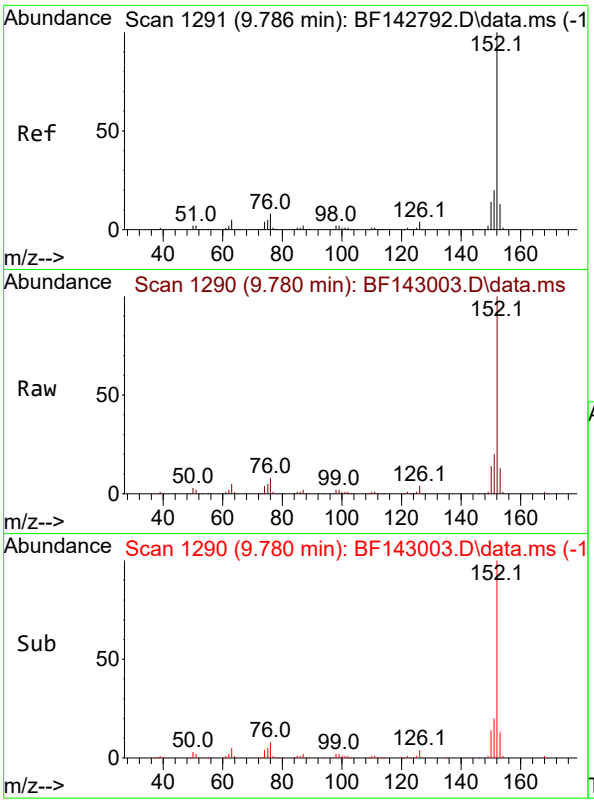


#48
2-Nitroaniline
Concen: 38.713 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion: 65 Resp: 82602

Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.8	80.6
138	116.0	89.6	134.4



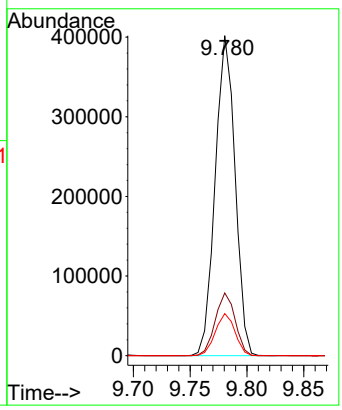


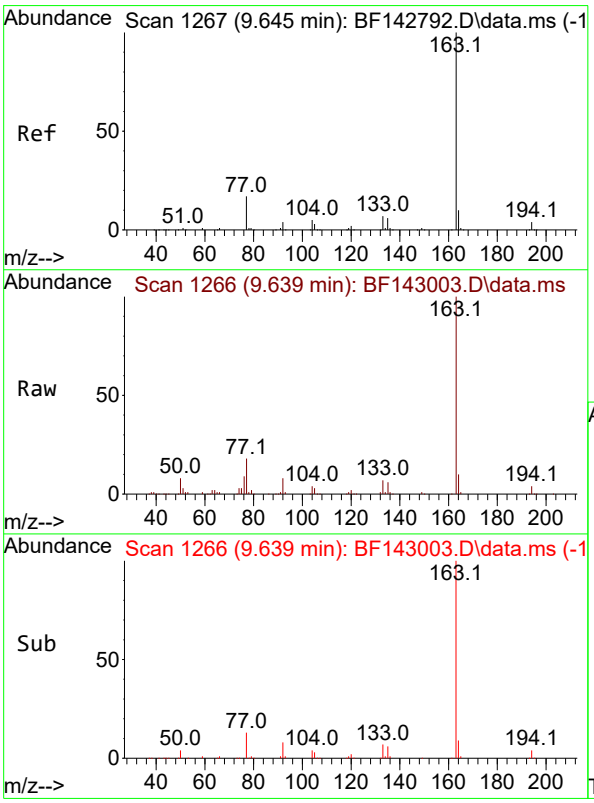
#49
Acenaphthylene
Concen: 39.035 ng
RT: 9.780 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 489067

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.1	10.4	15.6

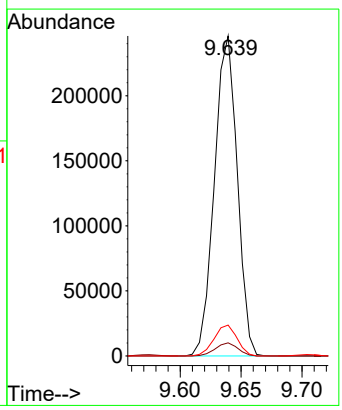


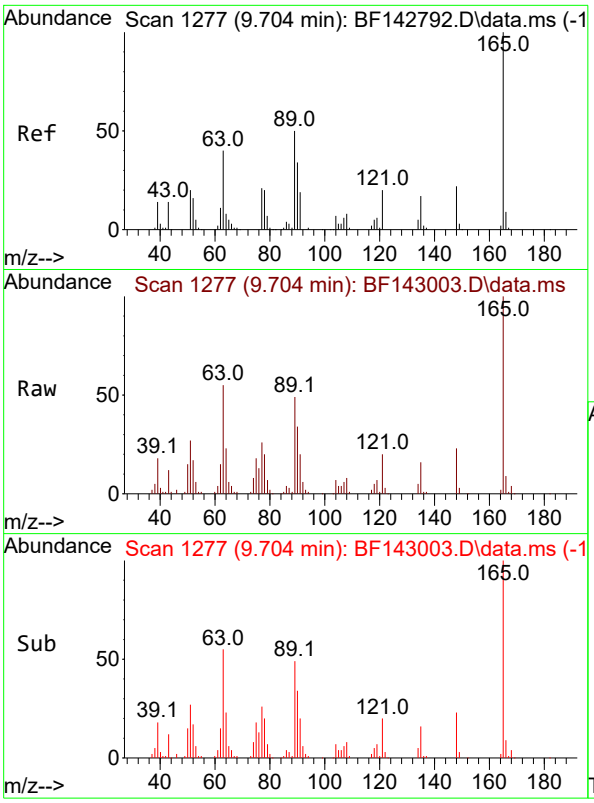


#50
Dimethylphthalate
Concen: 38.647 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:163 Resp: 321177

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.6	8.0	12.0



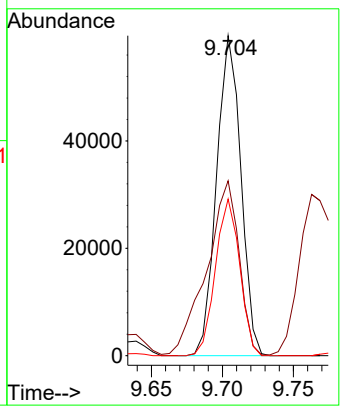


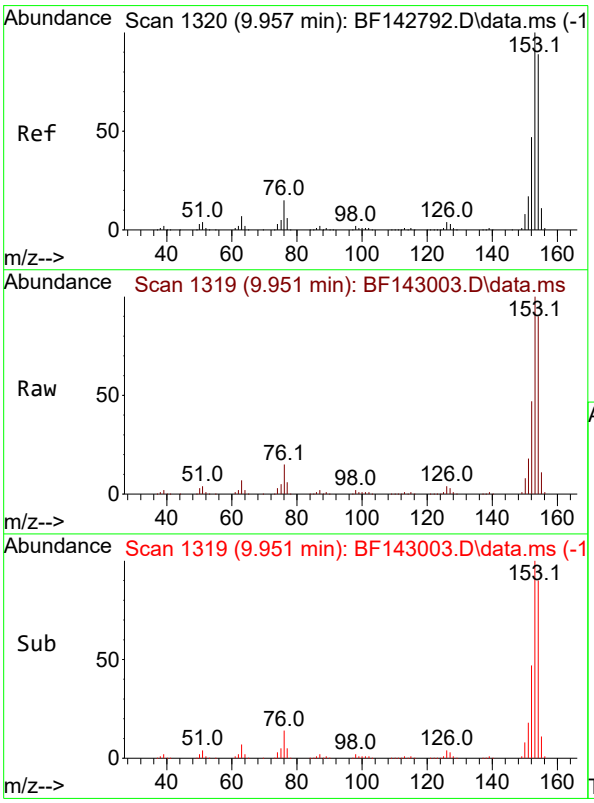
#51
2,6-Dinitrotoluene
Concen: 38.826 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 70859

Ion	Ratio	Lower	Upper
165	100		
63	54.7	44.2	66.4
89	49.0	39.8	59.8

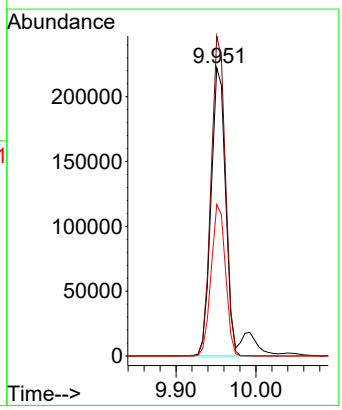


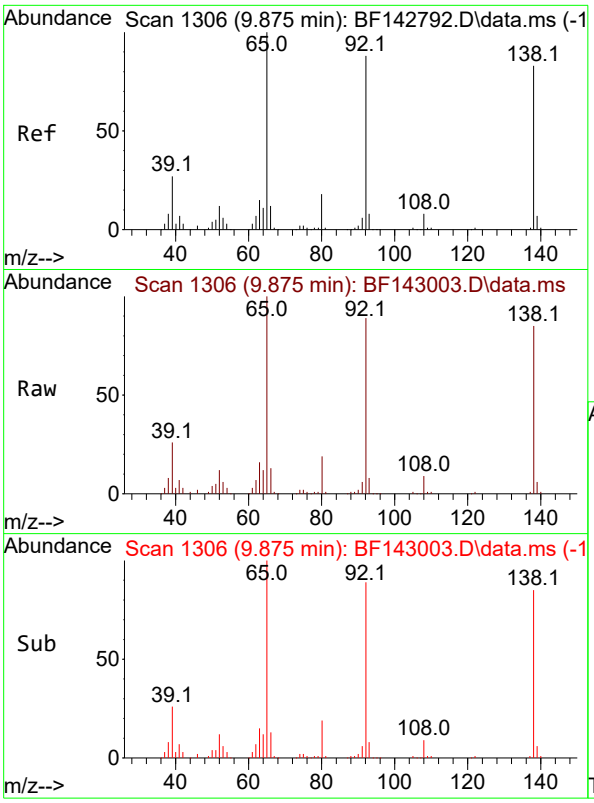


#52
Acenaphthene
Concen: 40.086 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:154 Resp: 306426

Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.0	135.0
152	52.5	41.9	62.9



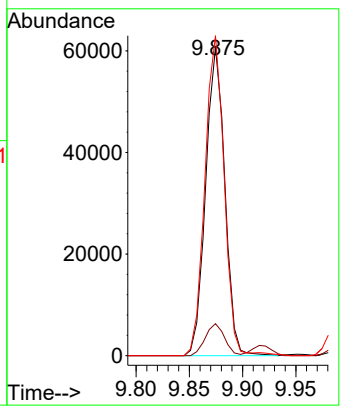


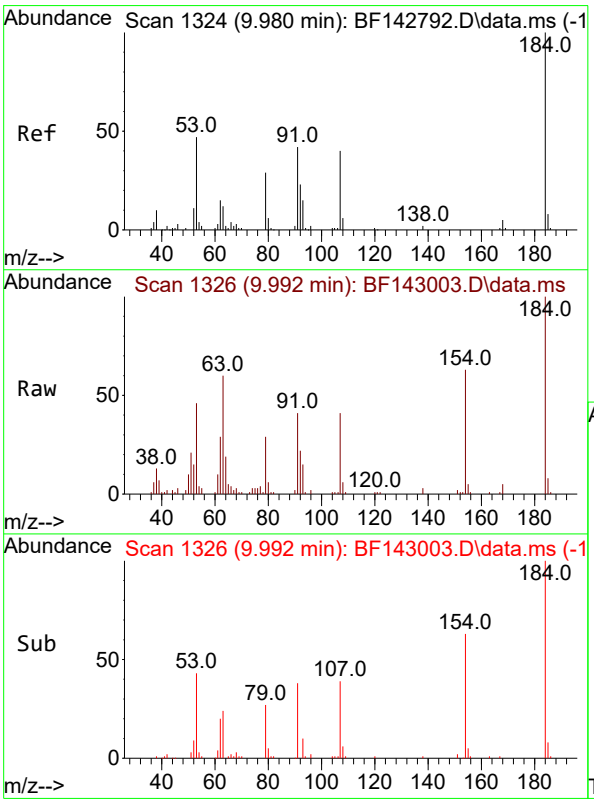
#53
3-Nitroaniline
Concen: 37.896 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 76148

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	103.7	85.1	127.7

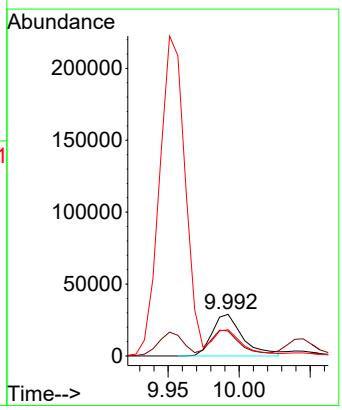


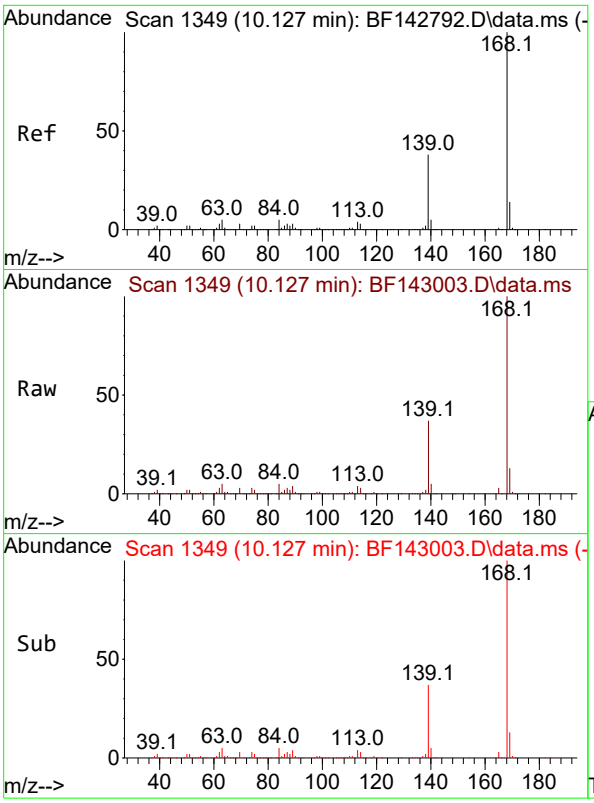


#54
2,4-Dinitrophenol
Concen: 47.528 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:184 Resp: 43433

Ion	Ratio	Lower	Upper
184	100		
63	59.9	50.6	75.8
154	63.1	51.8	77.8



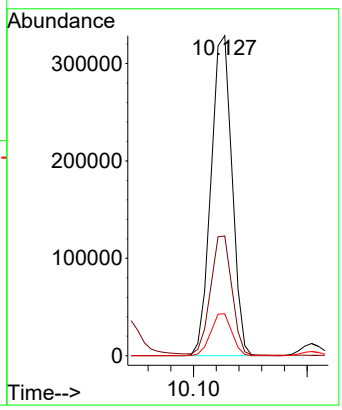


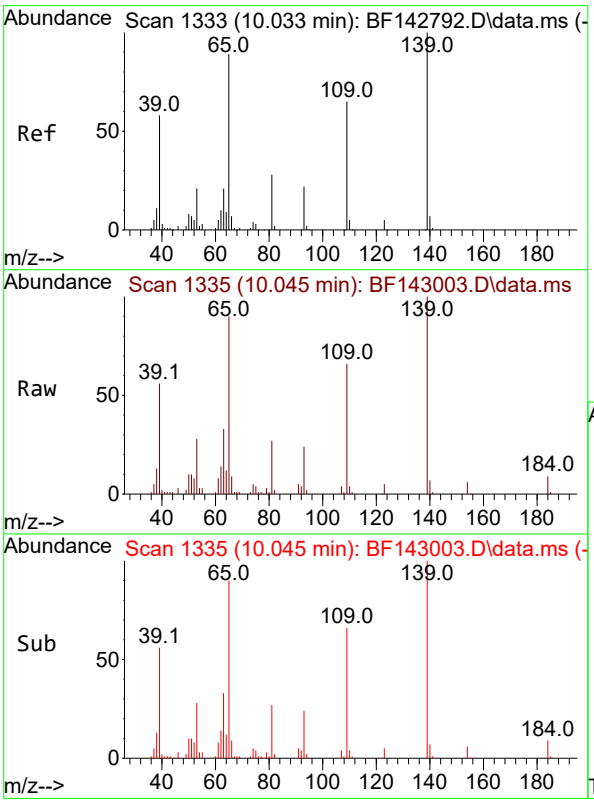
#55
Dibenzofuran
Concen: 38.541 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 422464

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.2	45.4
169	13.1	10.8	16.2

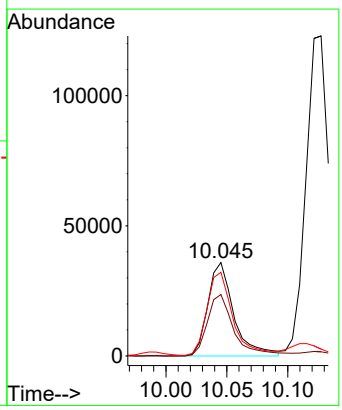


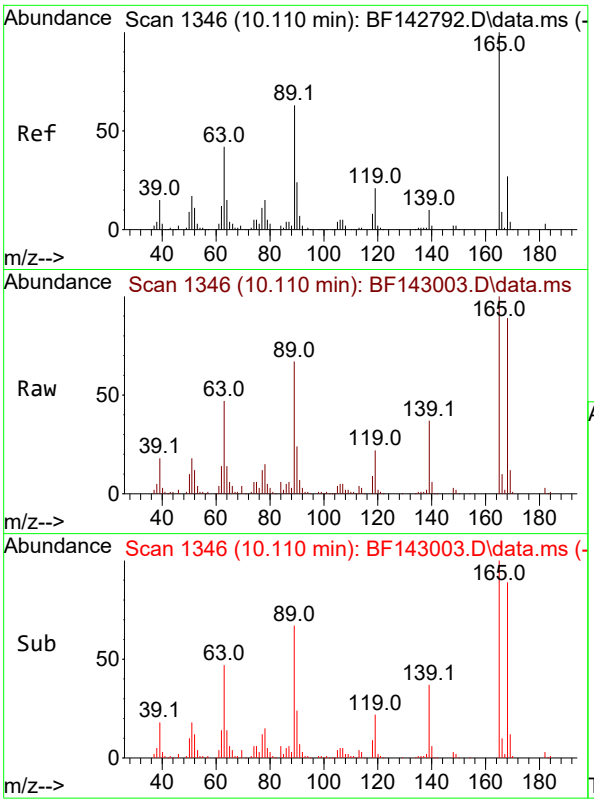


#56
4-Nitrophenol
Concen: 38.583 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:139 Resp: 53076

Ion	Ratio	Lower	Upper
139	100		
109	65.8	44.7	84.7
65	89.5	69.8	109.8



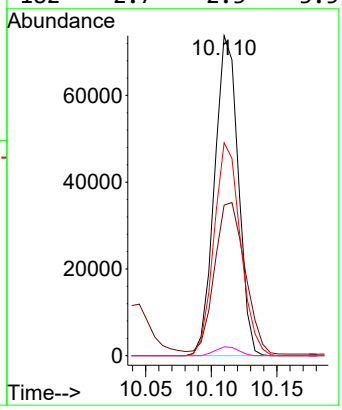


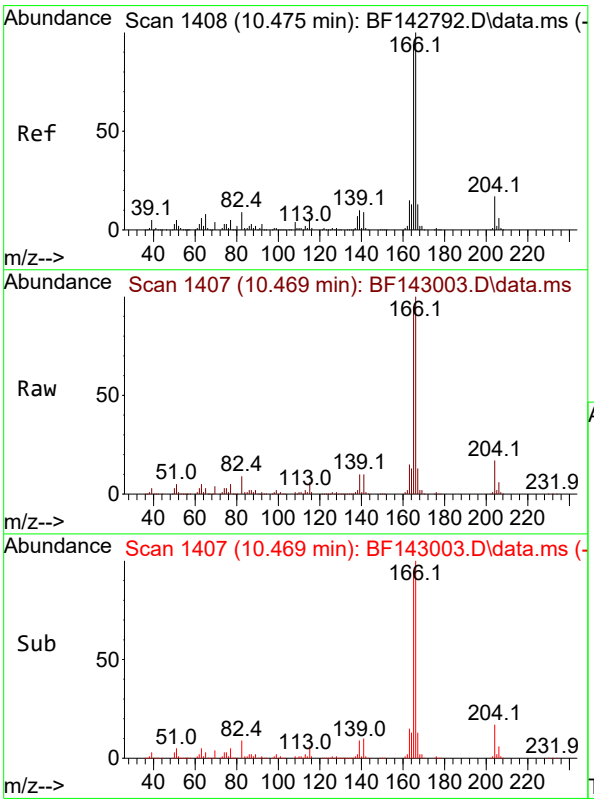
#57
2,4-Dinitrotoluene
Concen: 38.178 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 92551

Ion	Ratio	Lower	Upper
165	100		
63	47.1	33.9	50.9
89	66.5	50.6	75.8
182	2.7	2.3	3.5

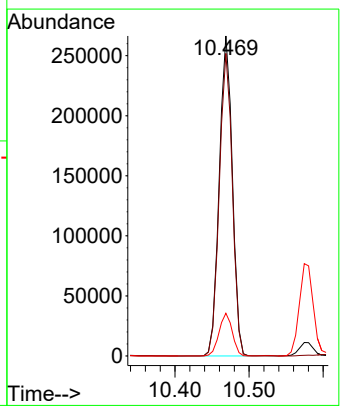


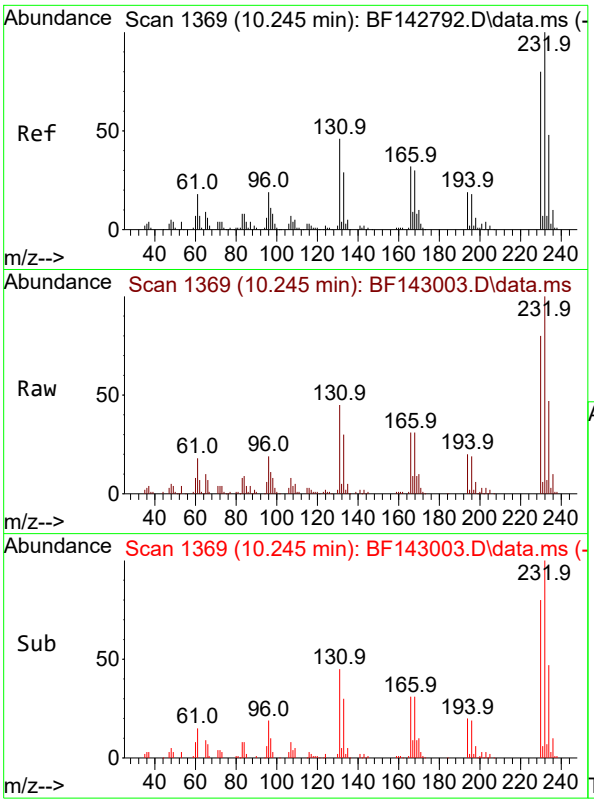


#58
Fluorene
Concen: 38.205 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:166 Resp: 327065

Ion	Ratio	Lower	Upper
166	100		
165	94.6	75.2	112.8
167	13.4	10.6	15.8



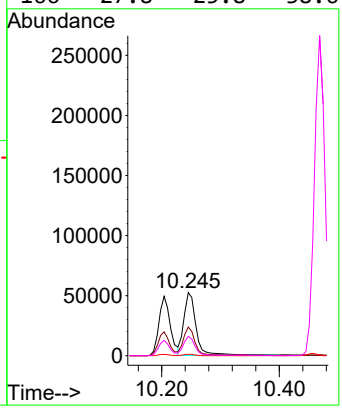


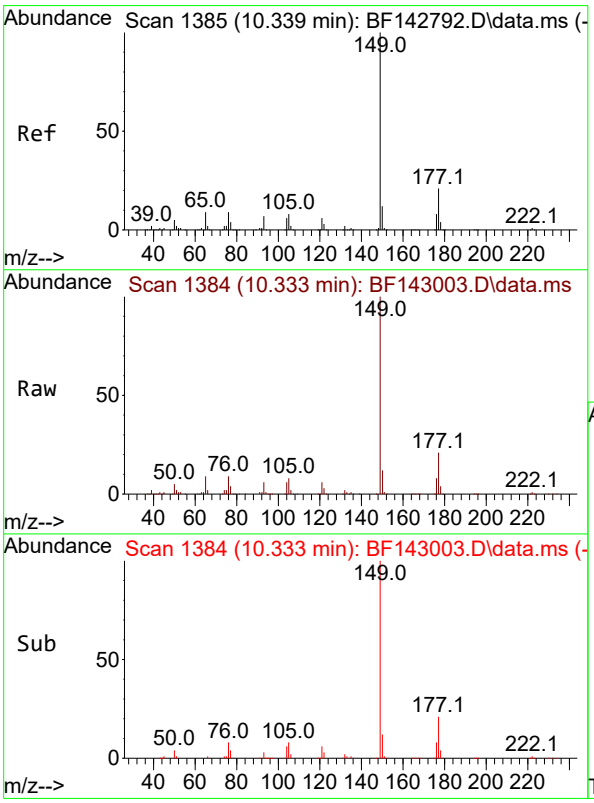
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.944 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 75288

Ion	Ratio	Lower	Upper
232	100		
131	43.2	37.6	56.4
130	2.2	1.7	2.5
166	27.8	25.8	38.6

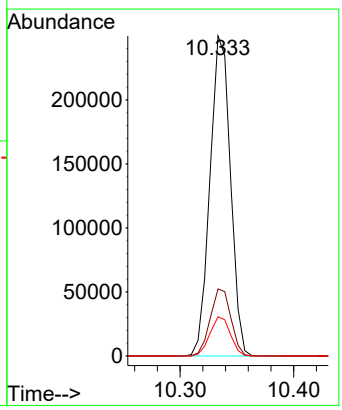


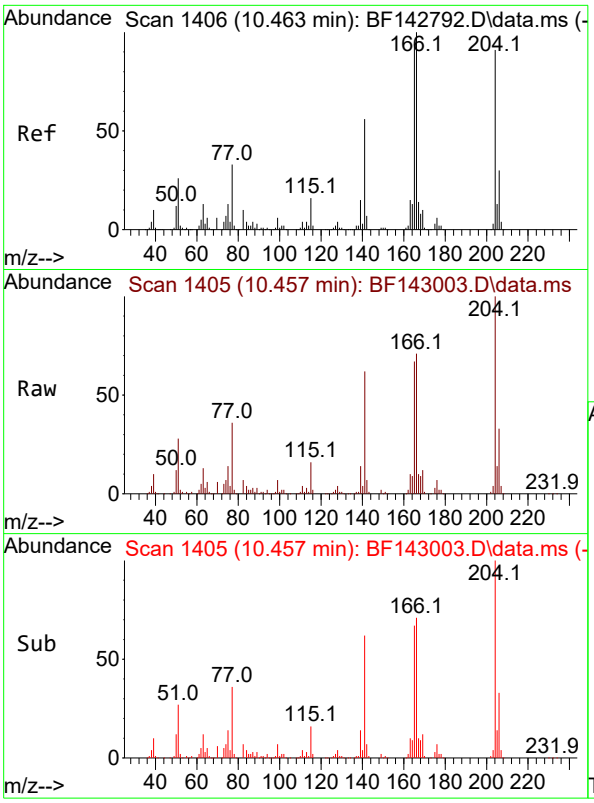


#60
Diethylphthalate
Concen: 38.440 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:149 Resp: 313222

Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.6
150	12.2	9.8	14.6



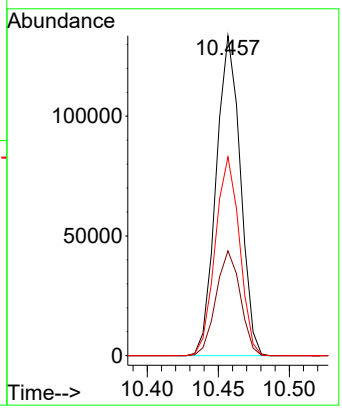


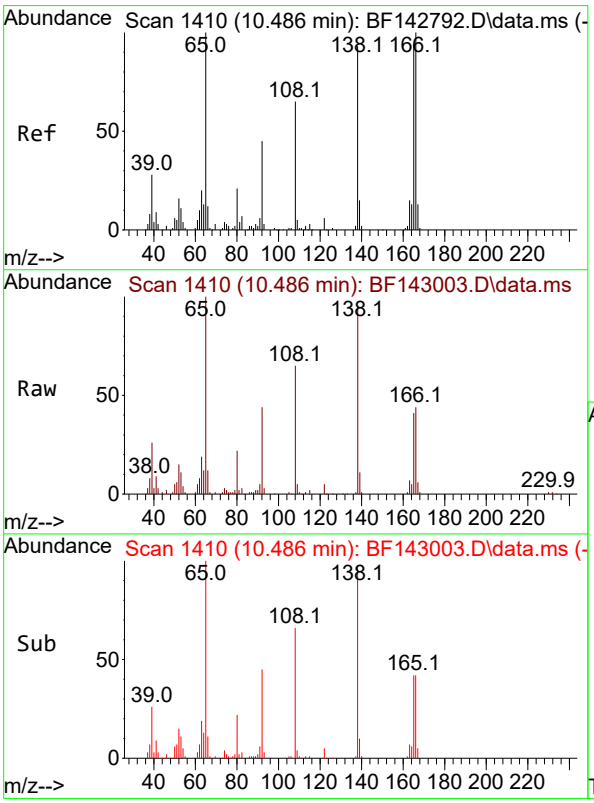
#61
4-Chlorophenyl-phenylether
Concen: 38.716 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 158156

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	62.1	49.1	73.7

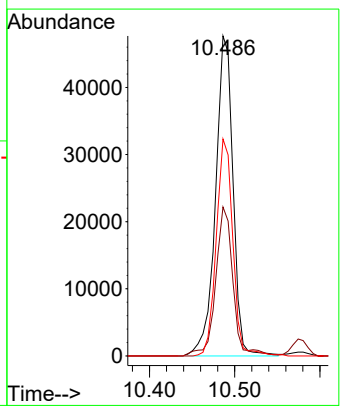


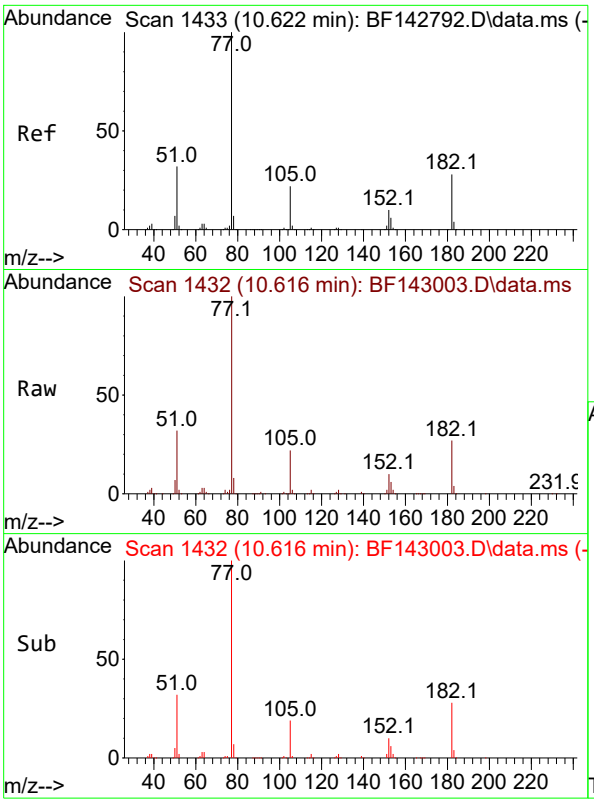


#62
4-Nitroaniline
Concen: 37.032 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:138 Resp: 68055

Ion	Ratio	Lower	Upper
138	100		
92	46.6	28.4	68.4
108	67.8	50.2	90.2



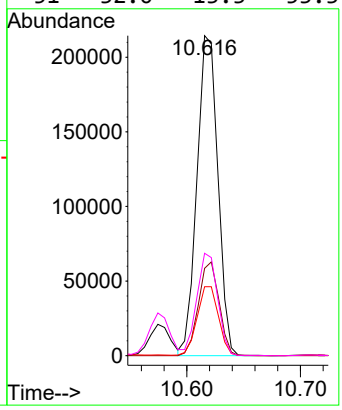


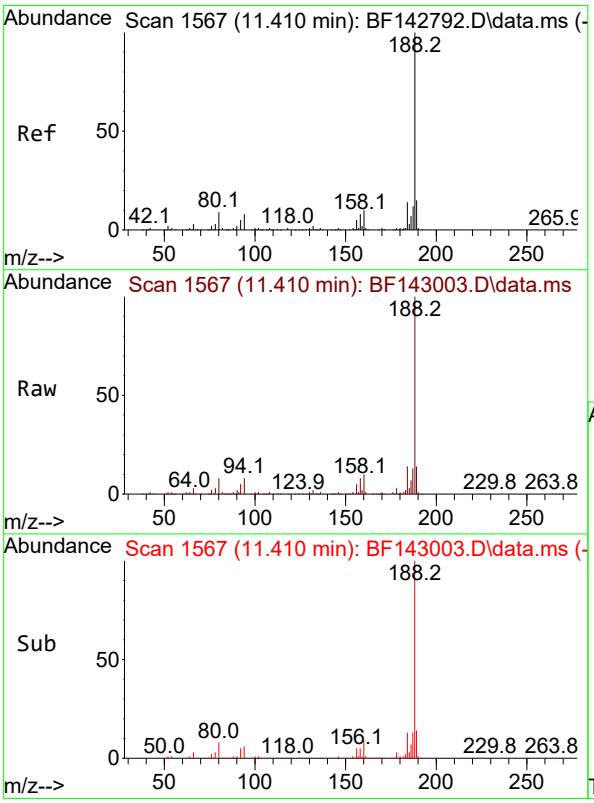
#63
Azobenzene
Concen: 37.788 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 275193

Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.7	47.7
105	21.6	1.9	41.9
51	32.0	13.3	53.3

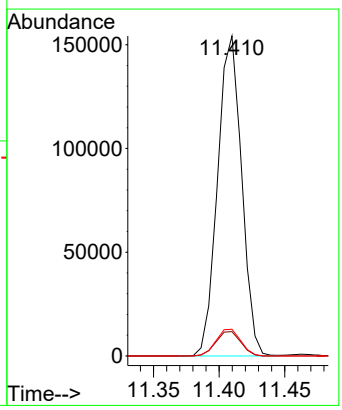


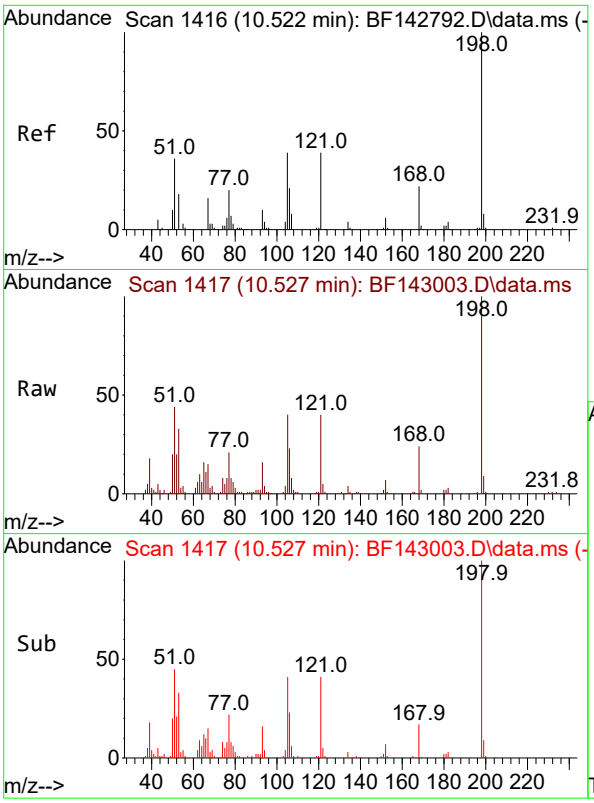


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:188 Resp: 196682

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.4	6.9	10.3



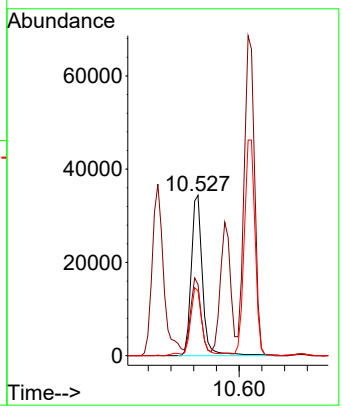


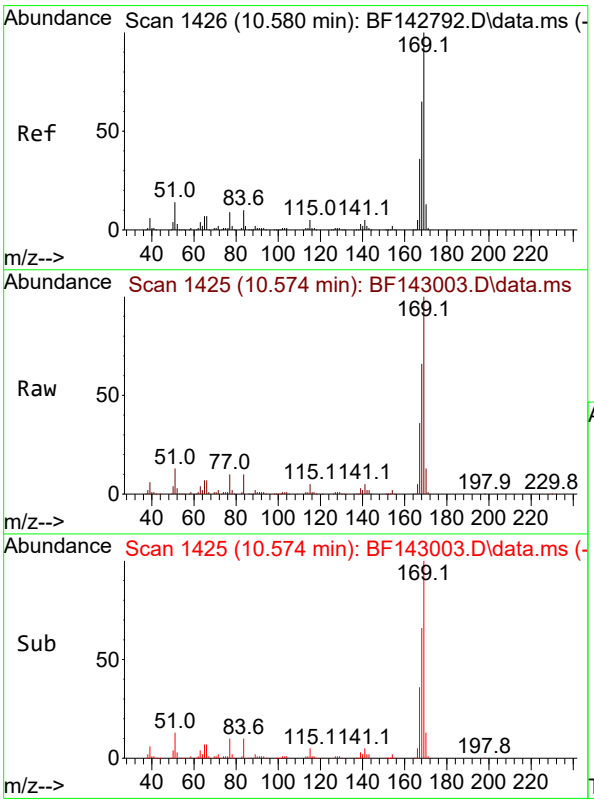
#65
4,6-Dinitro-2-methylphenol
Concen: 39.944 ng
RT: 10.527 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 47520

Ion	Ratio	Lower	Upper
198	100		
51	44.4	25.4	65.4
105	40.4	20.4	60.4

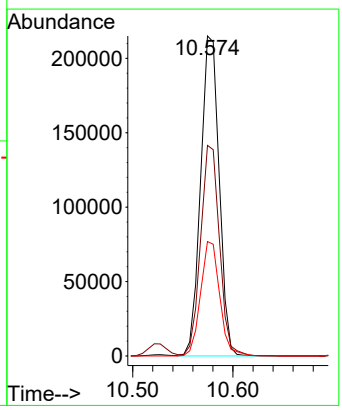


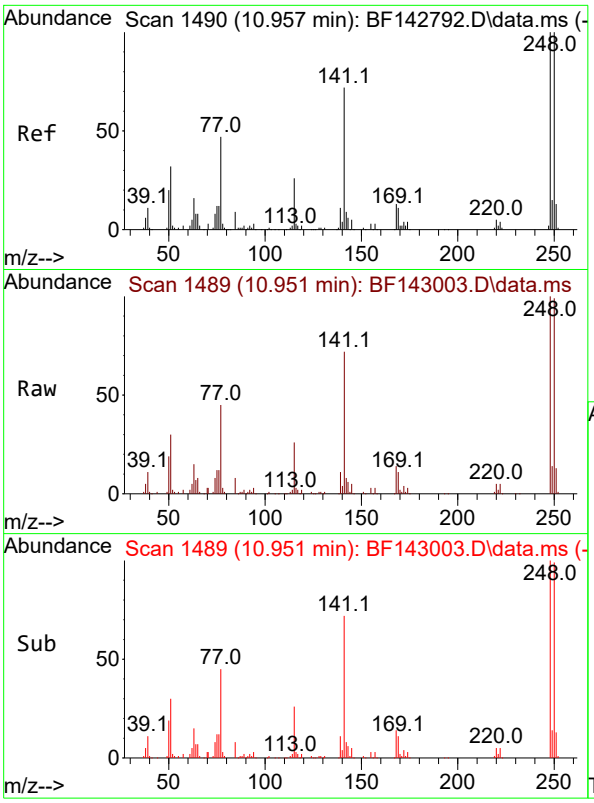


#66
n-Nitrosodiphenylamine
Concen: 40.625 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:169 Resp: 276920

Ion	Ratio	Lower	Upper
169	100		
168	65.8	51.9	77.9
167	35.7	28.5	42.7



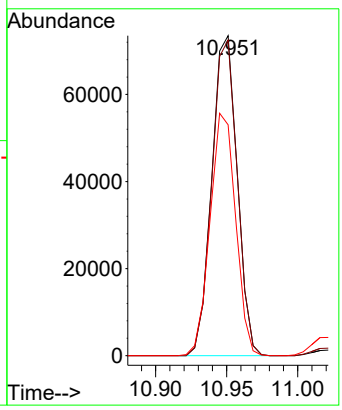


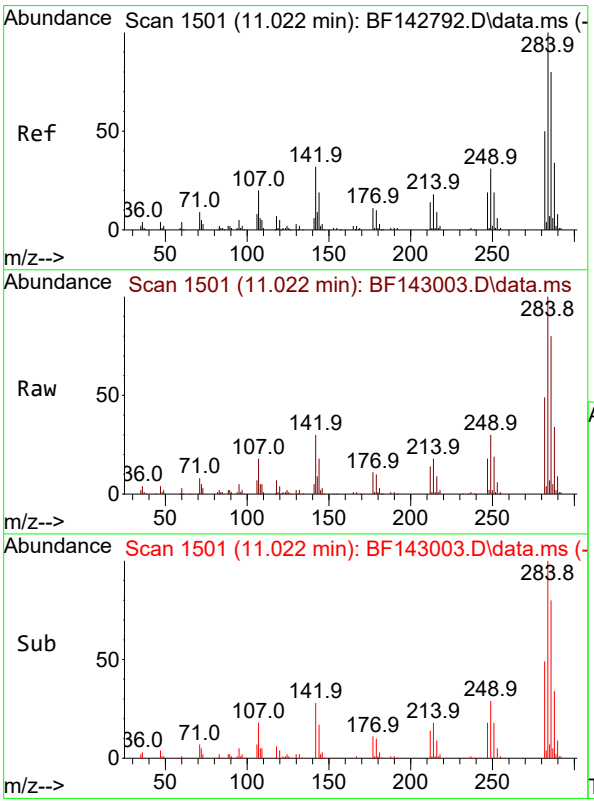
#67
4-Bromophenyl-phenylether
Concen: 40.831 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 91397

Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.8	119.8
141	72.2	57.8	86.6

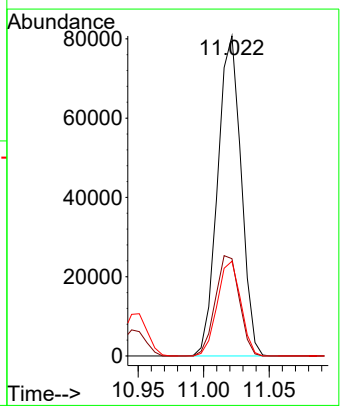


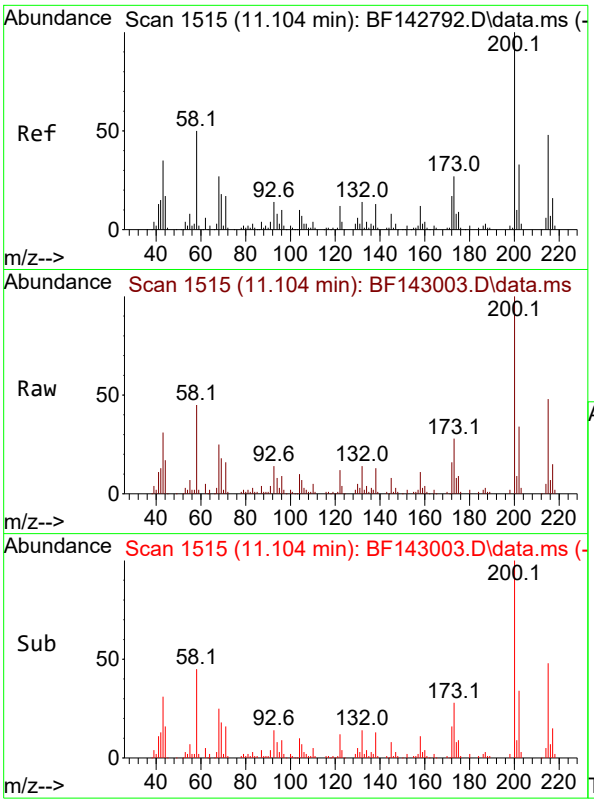


#68
Hexachlorobenzene
Concen: 40.328 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:284 Resp: 100307

Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.5	38.3
249	29.6	24.9	37.3



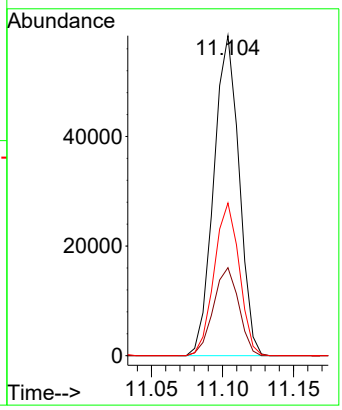


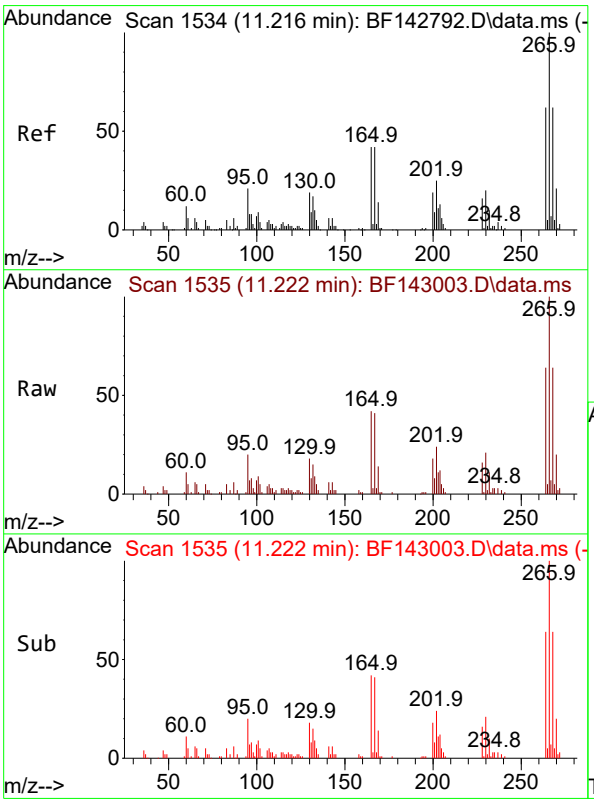
#69
Atrazine
Concen: 41.168 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 72466

Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.4	47.4
215	47.7	28.4	68.4

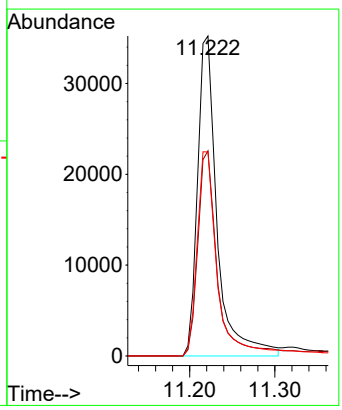


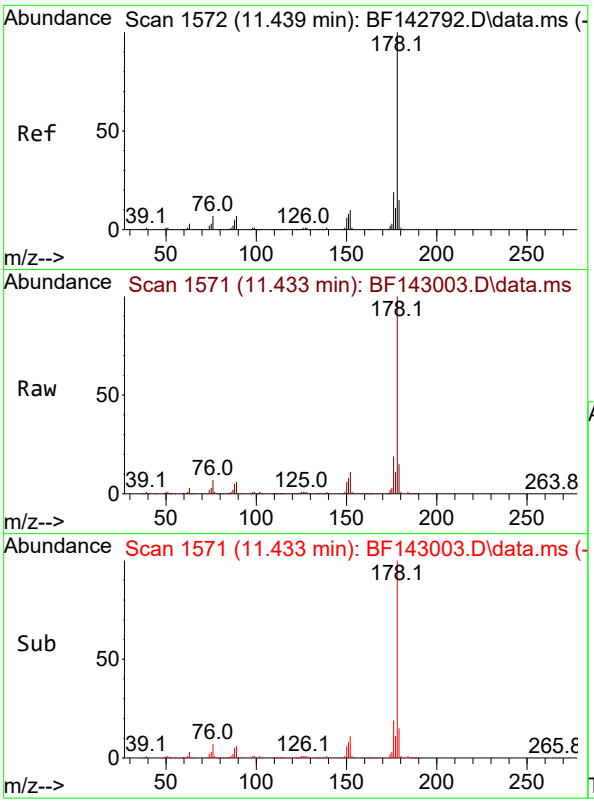


#70
Pentachlorophenol
Concen: 45.495 ng
RT: 11.222 min Scan# 1535
Delta R.T. 0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:266 Resp: 56387

Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.8	74.8
264	63.8	49.9	74.9



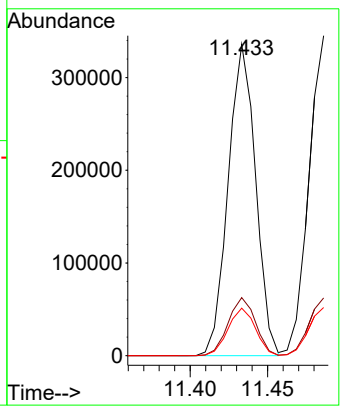


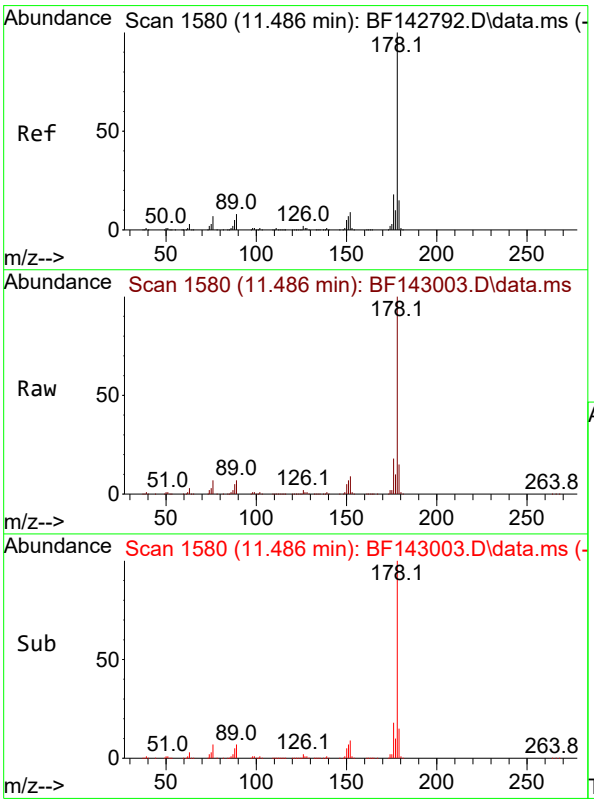
#71
Phenanthrene
Concen: 38.776 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 413131

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.3	12.0	18.0

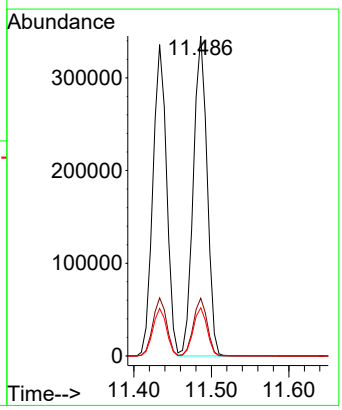


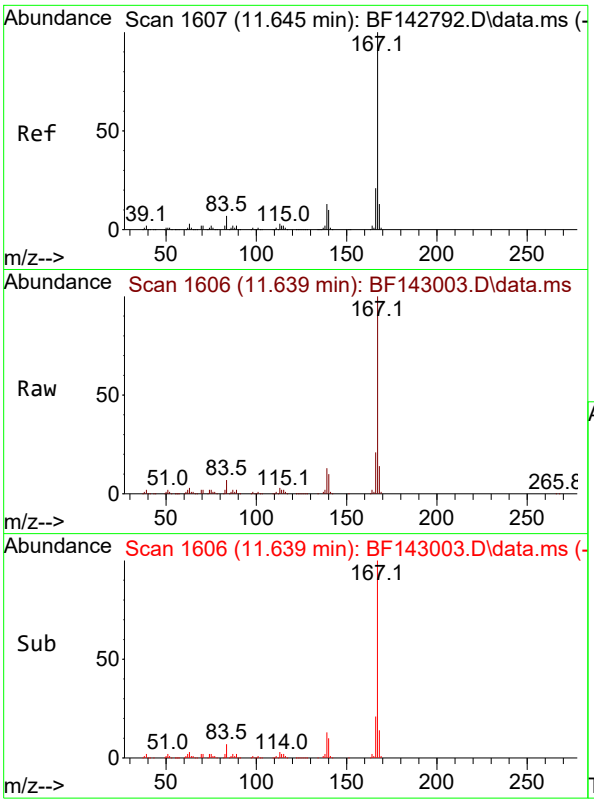


#72
Anthracene
Concen: 38.930 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:178 Resp: 425385

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.1	12.4	18.6



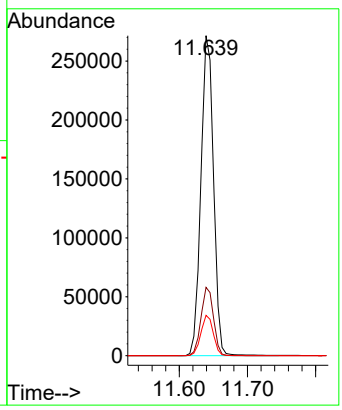


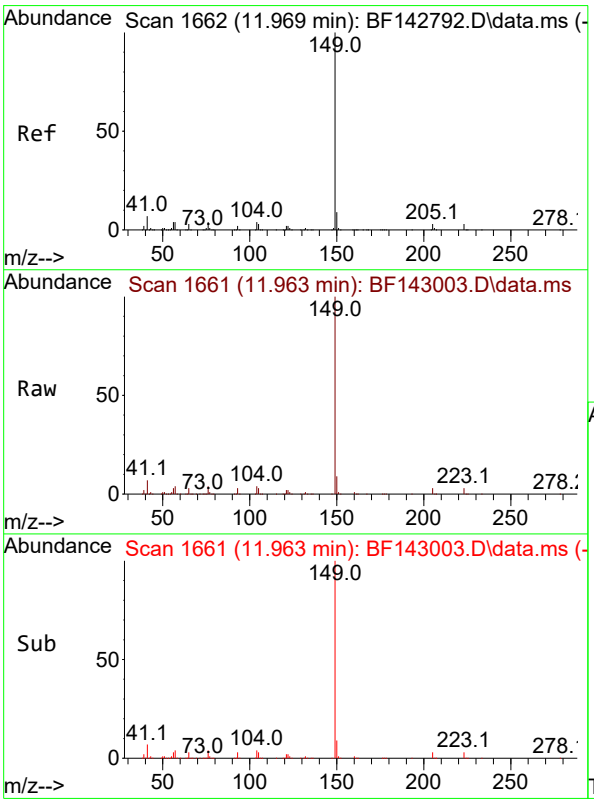
#73
Carbazole
Concen: 37.050 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 349364

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	12.6	10.2	15.2

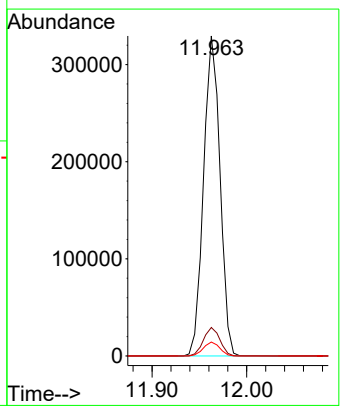


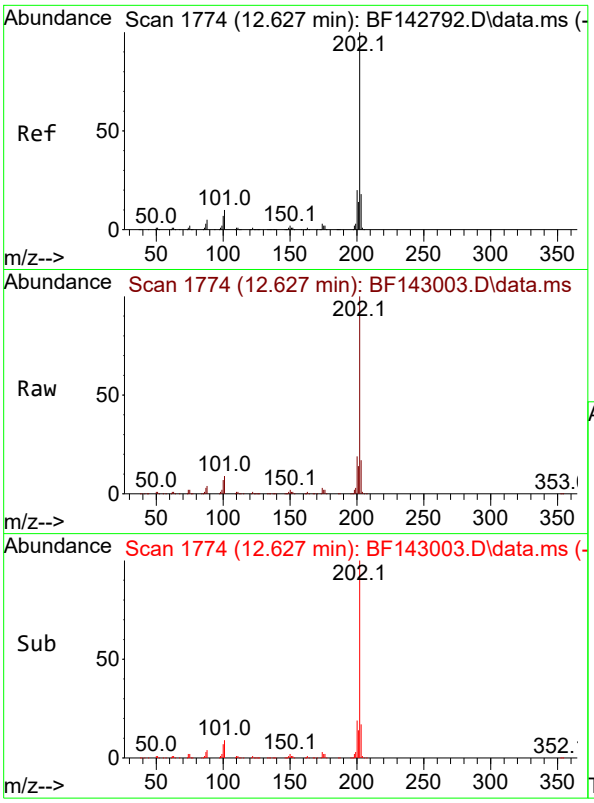


#74
Di-n-butylphthalate
Concen: 40.464 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:149 Resp: 397485

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	4.4	3.5	5.3



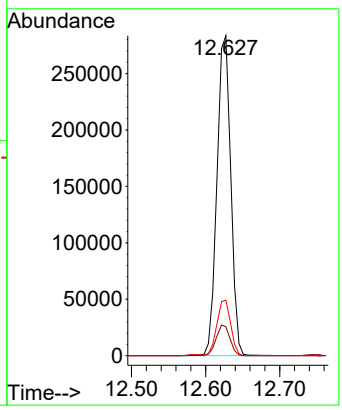


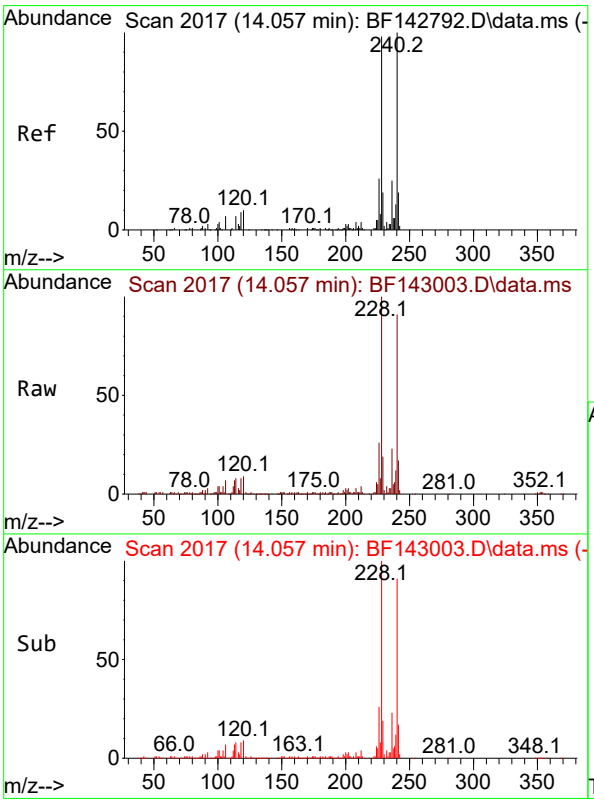
#75
Fluoranthene
Concen: 36.315 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 367194

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.7
203	17.4	0.0	37.5

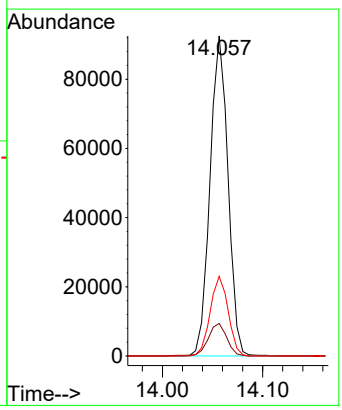


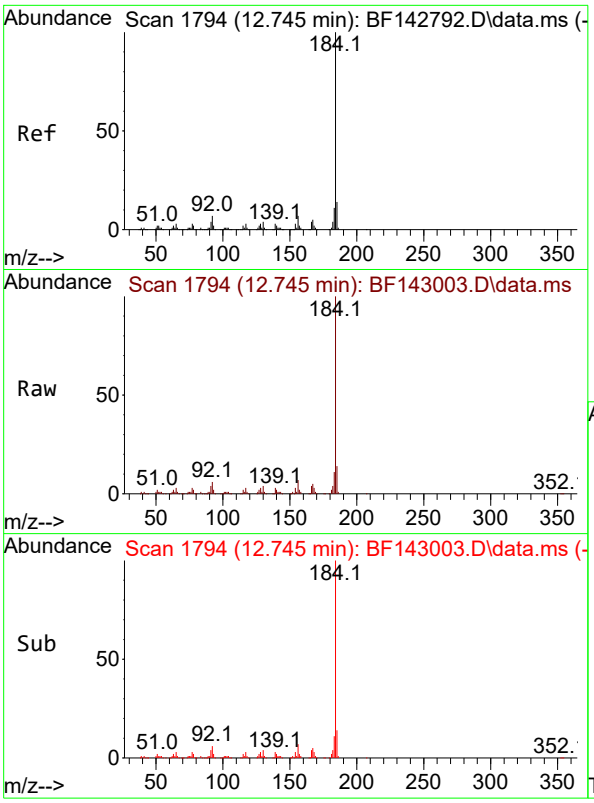


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:240 Resp: 115356

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	24.8	19.8	29.8



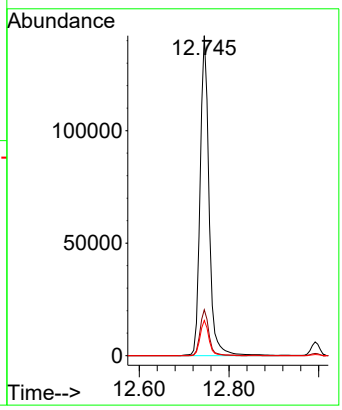


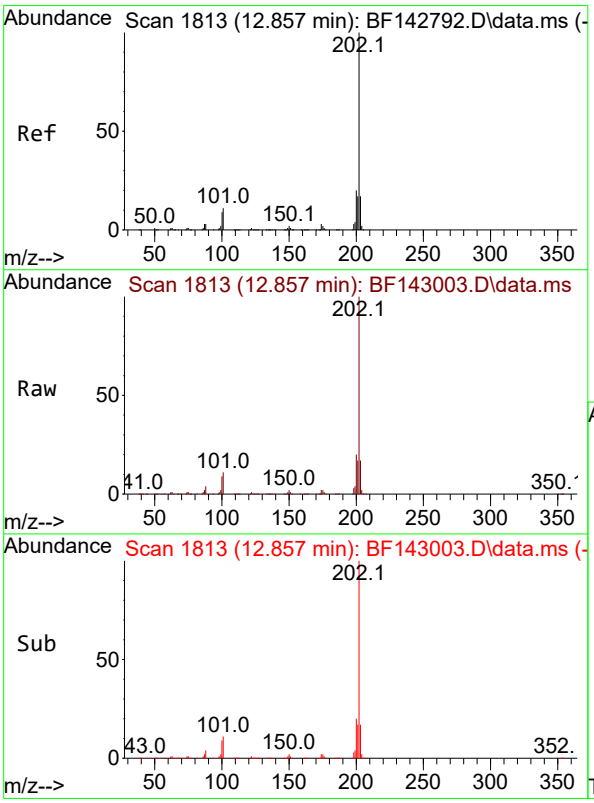
#77
Benzidine
Concen: 45.269 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 196199

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.0	9.0	13.4

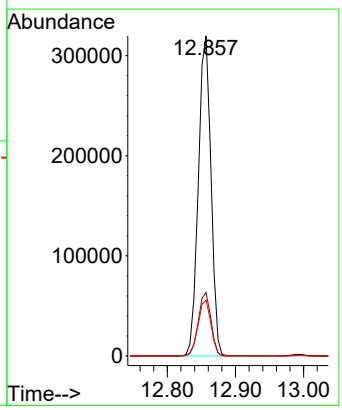


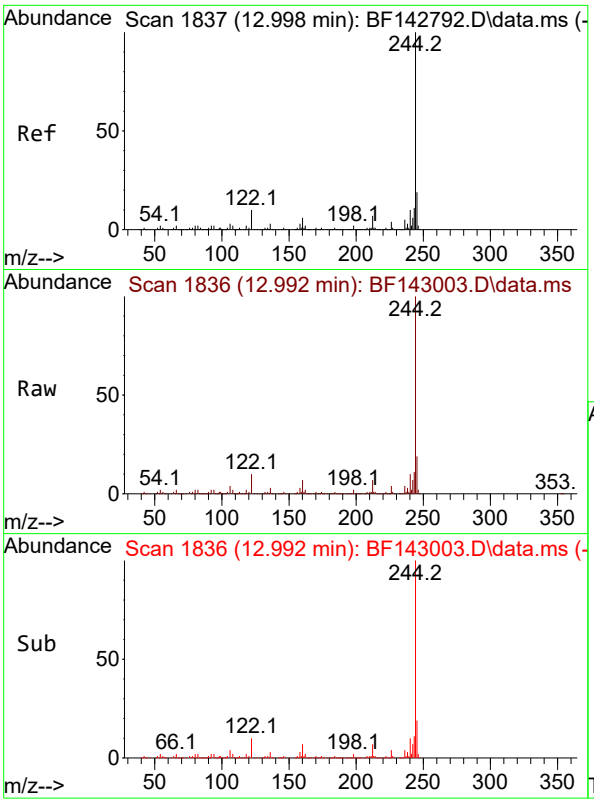


#78
Pyrene
Concen: 38.016 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:202 Resp: 411055

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	17.5	13.8	20.6



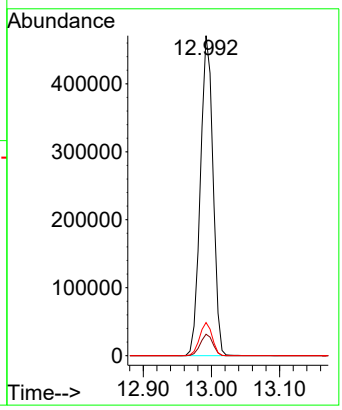


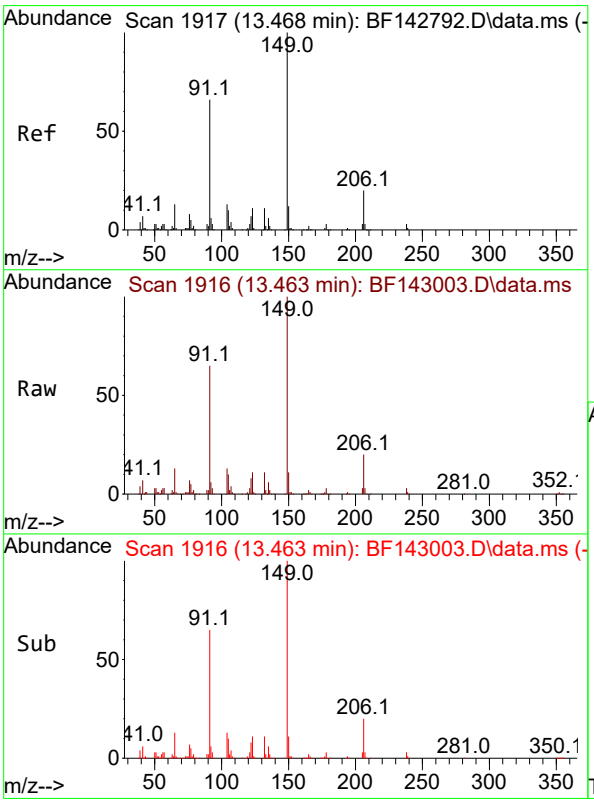
#79
Terphenyl-d14
Concen: 72.831 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 608057

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.4	8.2	12.2

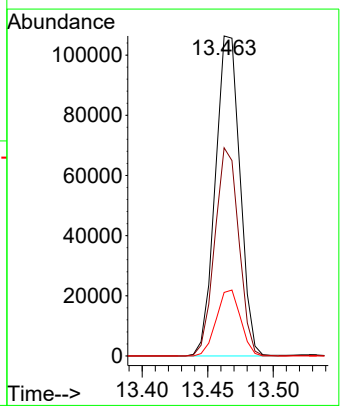


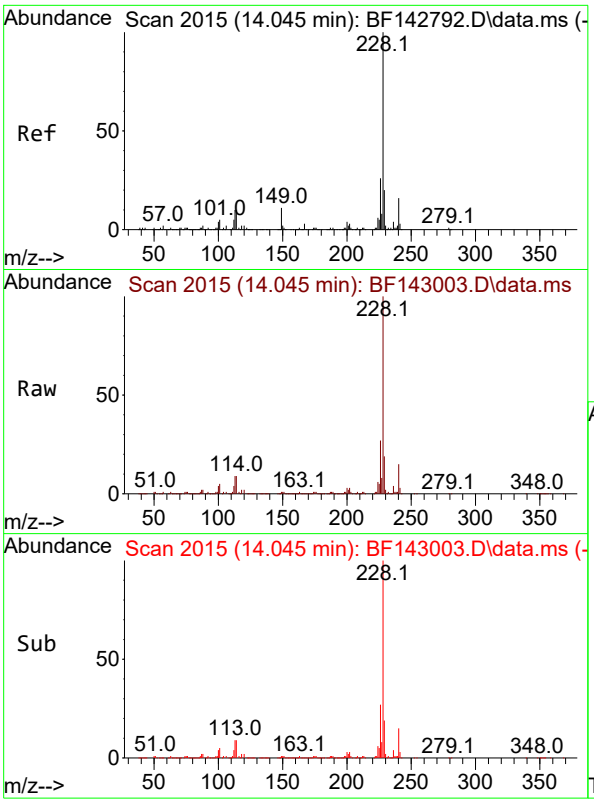


#80
Butylbenzylphthalate
Concen: 44.276 ng
RT: 13.463 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:149 Resp: 138872

Ion	Ratio	Lower	Upper
149	100		
91	65.0	52.9	79.3
206	19.9	16.3	24.5



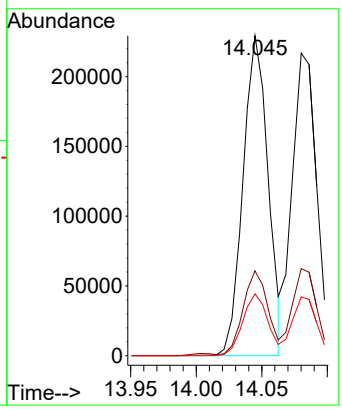


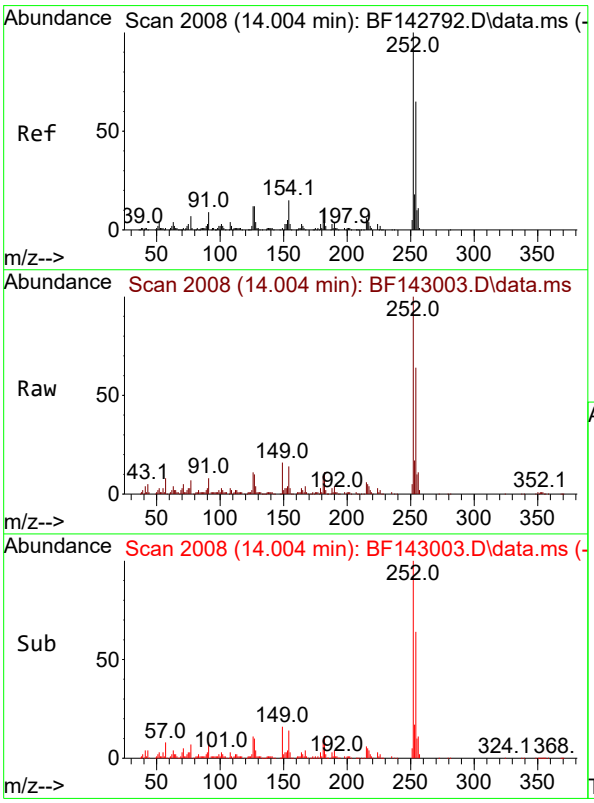
#81
Benzo(a)anthracene
Concen: 39.108 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 304337

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	19.4	15.6	23.4

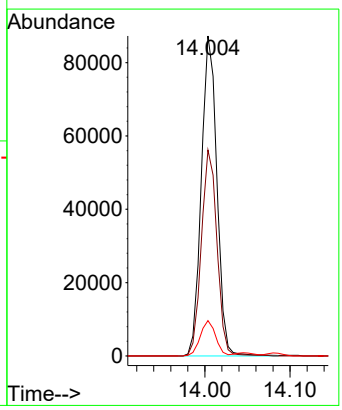


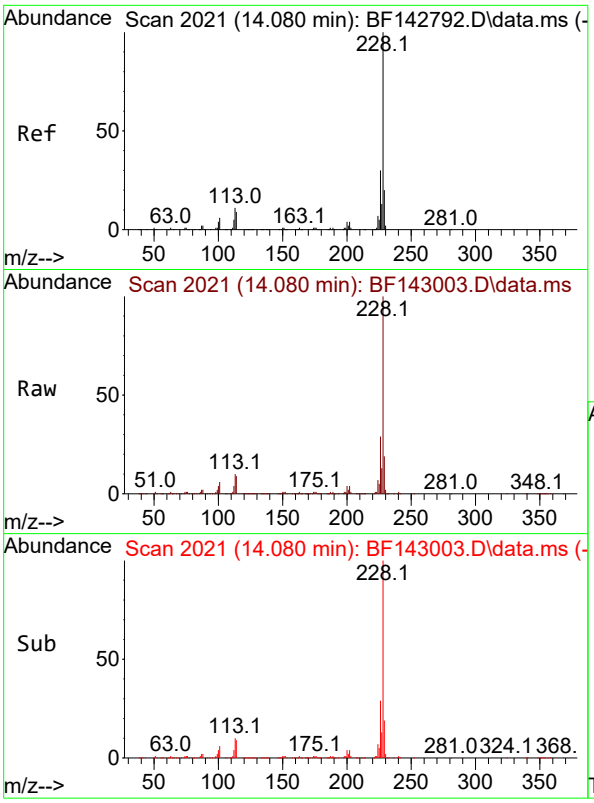


#82
3,3'-Dichlorobenzidine
Concen: 43.913 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:252 Resp: 110843

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.7	77.5
126	11.1	9.4	14.2



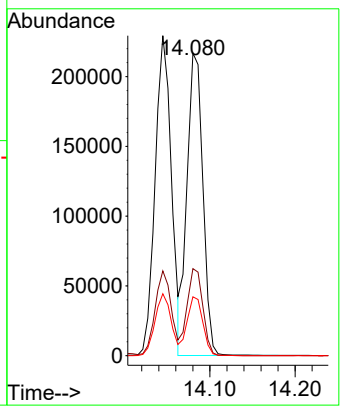


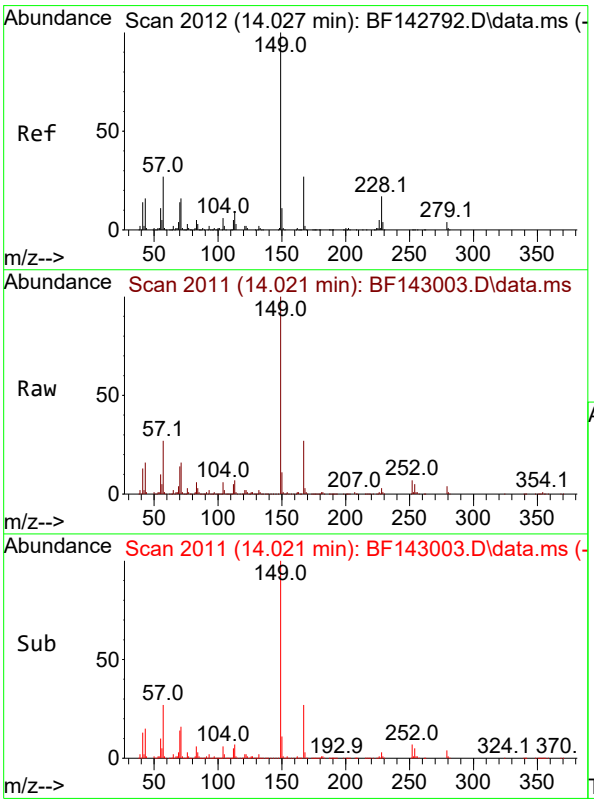
#83
Chrysene
Concen: 40.410 ng
RT: 14.080 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 280610

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.7	35.5
229	19.5	15.7	23.5

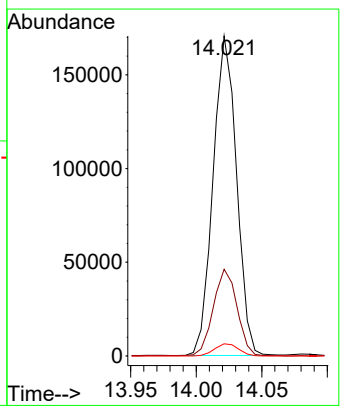


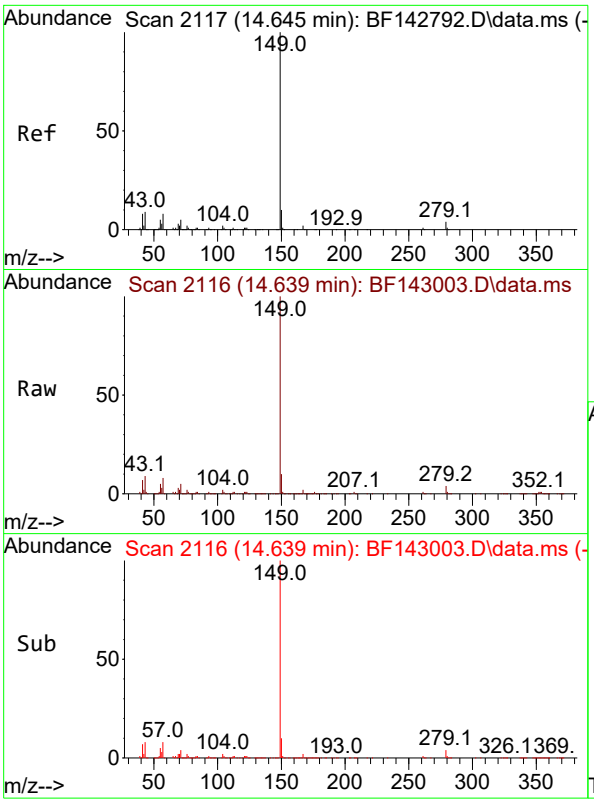


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.985 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:149 Resp: 212032

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	3.8	3.0	4.6



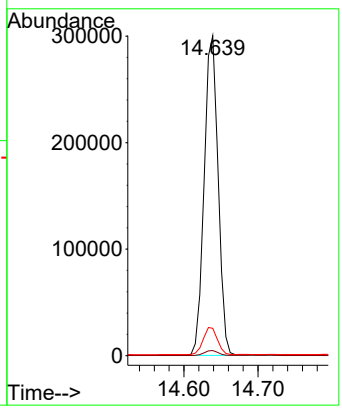


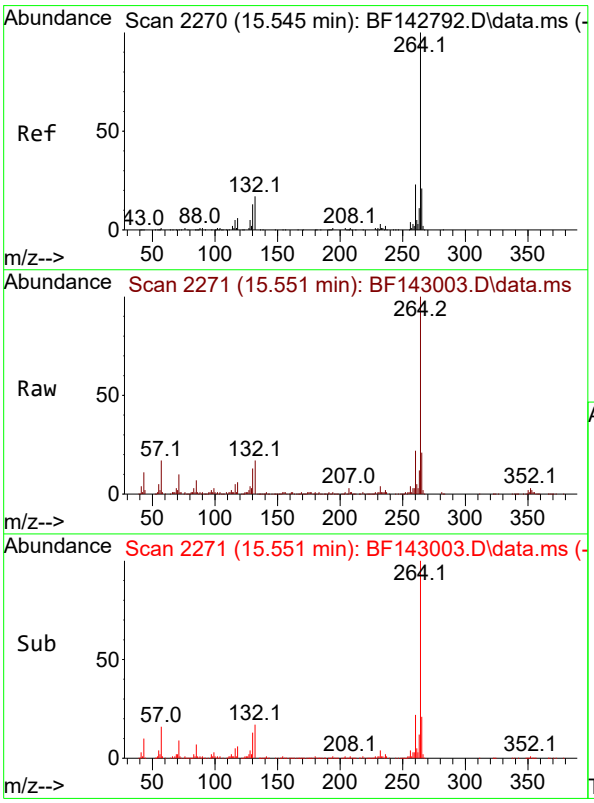
#85
Di-n-octyl phthalate
Concen: 46.235 ng
RT: 14.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 393425

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.5	7.6	11.4

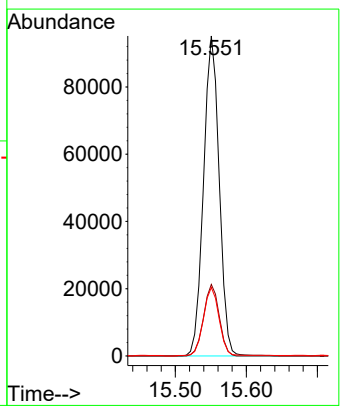


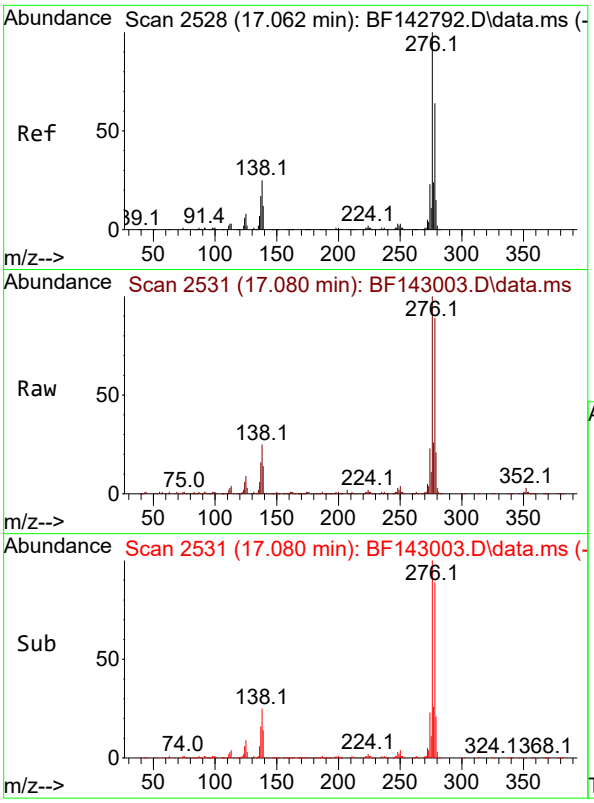


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:264 Resp: 146144

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.1	27.1
265	21.4	16.6	25.0



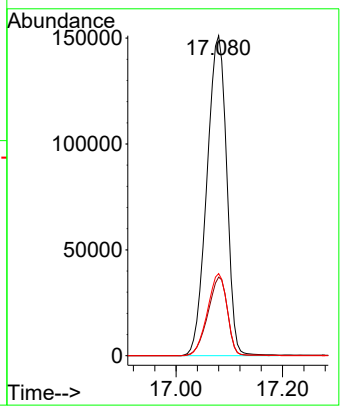


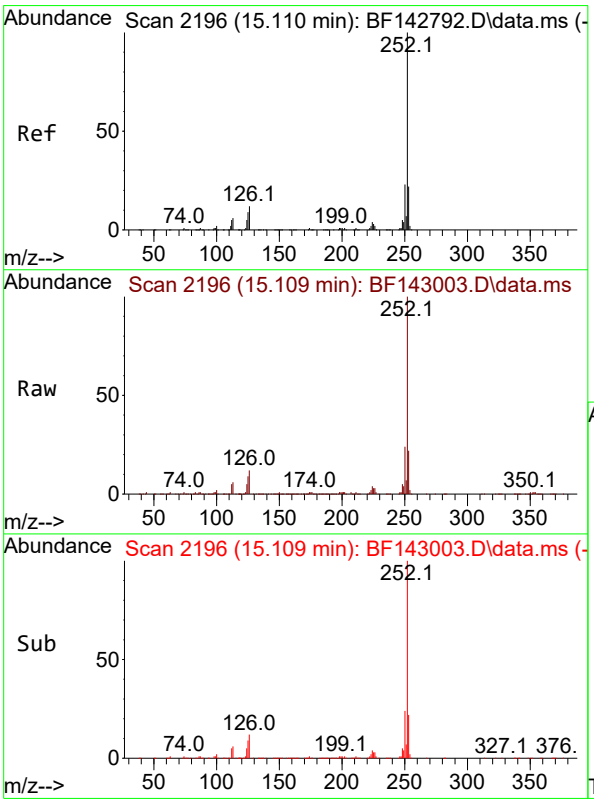
#87
Indeno(1,2,3-cd)pyrene
Concen: 35.035 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 390002

Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.2	30.4
277	25.4	19.8	29.6

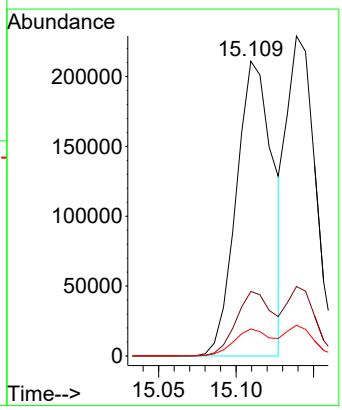


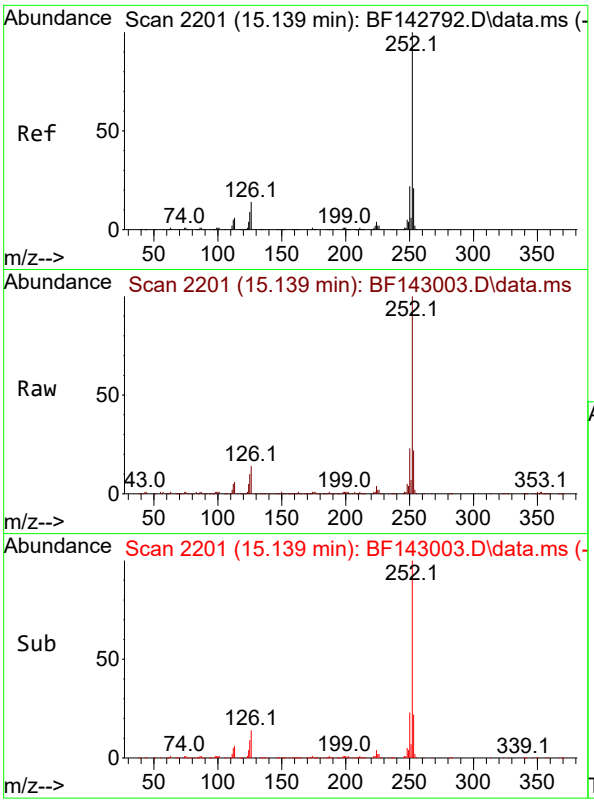


#88
Benzo(b)fluoranthene
Concen: 41.097 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:252 Resp: 347540

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.2	7.4	11.0



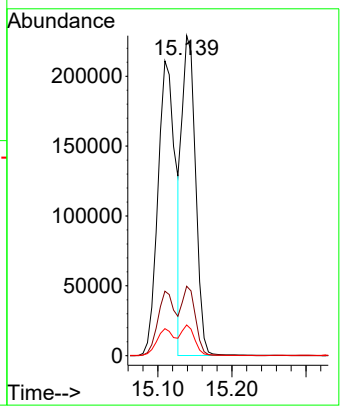


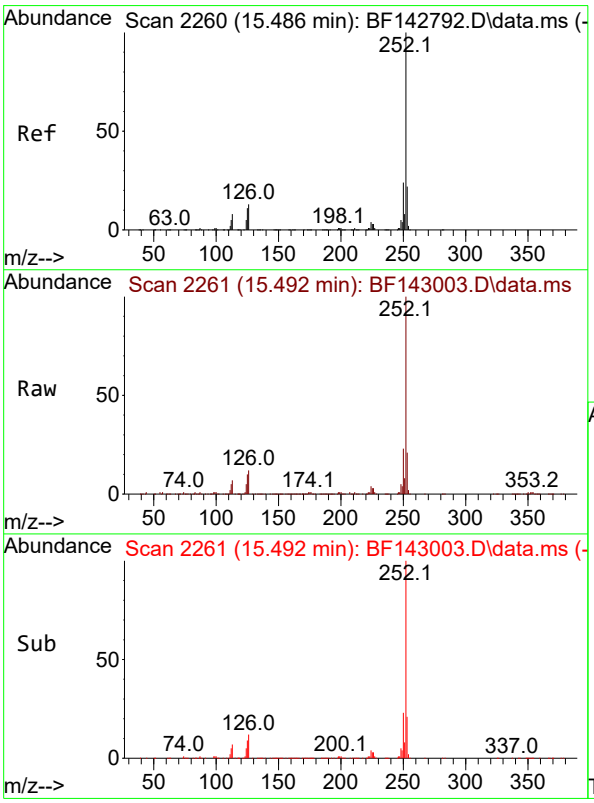
#89
Benzo(k)fluoranthene
Concen: 36.941 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 292264

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.6	7.4	11.2

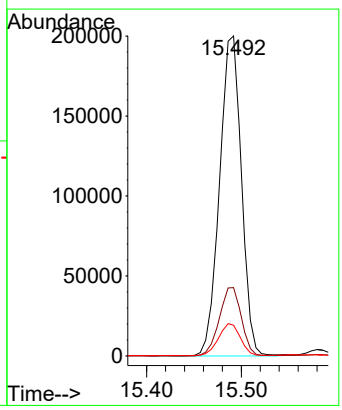


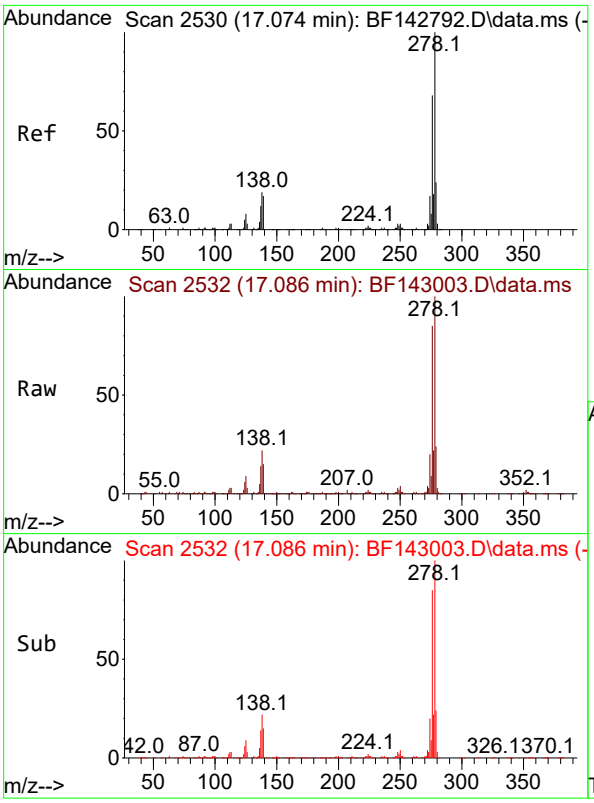


#90
Benzo(a)pyrene
Concen: 39.319 ng
RT: 15.492 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:252 Resp: 321220

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	9.6	8.6	12.8



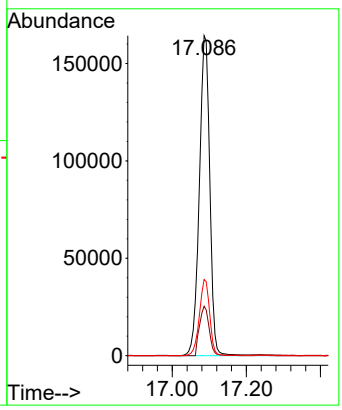


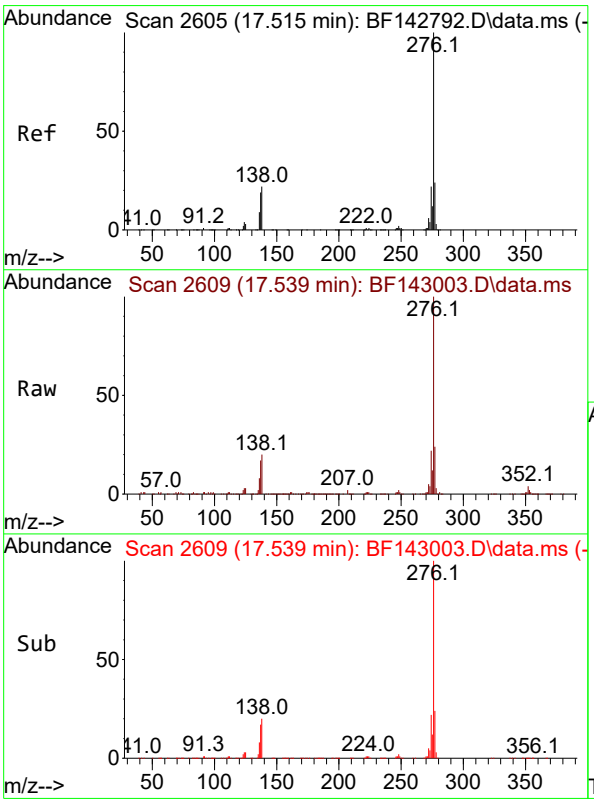
#91
Dibenzo(a,h)anthracene
Concen: 35.535 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 321404

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.5	20.3
279	23.8	18.8	28.2

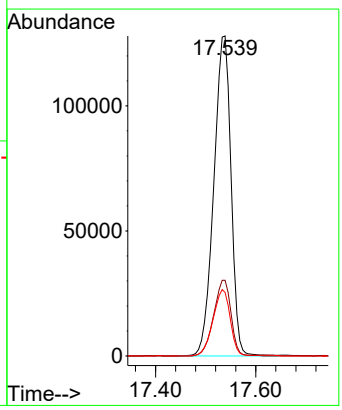




#92
Benzo(g,h,i)perylene
Concen: 33.820 ng
RT: 17.539 min Scan# 2609
Delta R.T. 0.024 min
Lab File: BF143003.D
Acq: 07 Jul 2025 12:12

Tgt Ion:276 Resp: 305022

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	19.9	17.6	26.4



Sample Results: **BF143003.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143003.D
Acq On : 07 Jul 2025 12:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 07 13:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	79	0.00
2		1,4-Dioxane	0.480	0.430	10.4	74	-0.02
3		Pyridine	1.205	1.105	8.3	75	-0.02
4		n-Nitrosodimethylamine	0.623	0.563	9.6	75	-0.01
5	S	2-Fluorophenol	1.201	1.159	3.5	80	0.00
6		Aniline	1.886	1.795	4.8	78	0.00
7	S	Phenol-d6	1.417	1.363	3.8	81	0.00
8		2-Chlorophenol	1.296	1.244	4.0	79	0.00
9		Benzaldehyde	0.841	0.897	-6.7	94	0.00
10	C	Phenol	1.575	1.512	4.0	79	0.00
11		bis(2-Chloroethyl)ether	1.126	1.086	3.6	80	0.00
12		1,3-Dichlorobenzene	1.449	1.405	3.0	81	0.00
13	C	1,4-Dichlorobenzene	1.462	1.433	2.0	81	0.00
14		1,2-Dichlorobenzene	1.387	1.346	3.0	80	0.00
15		Benzyl Alcohol	1.025	1.008	1.7	82	0.00
16		2,2'-oxybis(1-Chloropropane	1.809	1.645	9.1	76	0.00
17		2-Methylphenol	0.982	0.979	0.3	83	0.00
18		Hexachloroethane	0.511	0.506	1.0	80	0.00
19	P	n-Nitroso-di-n-propylamine	0.824	0.811	1.6	82	0.00
20		3+4-Methylphenols	1.224	1.224	0.0	82	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	80	0.00
22		Acetophenone	0.441	0.434	1.6	83	0.00
23	S	Nitrobenzene-d5	0.365	0.385	-5.5	87	0.00
24		Nitrobenzene	0.330	0.319	3.3	80	0.00
25		Isophorone	0.585	0.566	3.2	81	0.00
26	C	2-Nitrophenol	0.180	0.184	-2.2	83	0.00
27		2,4-Dimethylphenol	0.311	0.300	3.5	80	0.00
28		bis(2-Chloroethoxy)methane	0.372	0.368	1.1	83	0.00
29	C	2,4-Dichlorophenol	0.282	0.278	1.4	81	0.00
30		1,2,4-Trichlorobenzene	0.310	0.307	1.0	82	0.00
31		Naphthalene	0.979	0.963	1.6	82	0.00
32		Benzoic acid	0.159	0.137	13.8	70	0.01
33		4-Chloroaniline	0.398	0.370	7.0	78	0.00
34	C	Hexachlorobutadiene	0.190	0.191	-0.5	83	0.00
35		Caprolactam	0.075	0.072	4.0	80	0.00
36	C	4-Chloro-3-methylphenol	0.281	0.276	1.8	82	0.00
37		2-Methylnaphthalene	0.607	0.593	2.3	82	0.00
38		1-Methylnaphthalene	0.628	0.611	2.7	82	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	79	0.00
40		1,2,4,5-Tetrachlorobenzene	0.590	0.592	-0.3	84	0.00
41	P	Hexachlorocyclopentadiene	0.335	0.343	-2.4	81	0.00
42	S	2,4,6-Tribromophenol	0.206	0.187	9.2	74	0.00
43	C	2,4,6-Trichlorophenol	0.385	0.364	5.5	79	0.00
44		2,4,5-Trichlorophenol	0.405	0.378	6.7	77	0.00
45	S	2-Fluorobiphenyl	1.522	1.599	-5.1	89	0.00
46		1,1'-Biphenyl	1.580	1.546	2.2	81	0.00
47		2-Chloronaphthalene	1.186	1.160	2.2	81	0.00

Sample Results: **BF143003.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143003.D
Acq On : 07 Jul 2025 12:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 07 13:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	0.332	0.322	3.0	79	0.00
49		Acenaphthylene	1.952	1.905	2.4	81	0.00
50		Dimethylphthalate	1.295	1.251	3.4	81	0.00
51		2,6-Dinitrotoluene	0.284	0.276	2.8	79	0.00
52	C	Acenaphthene	1.191	1.193	-0.2	83	0.00
53		3-Nitroaniline	0.313	0.297	5.1	78	0.00
54	P	2,4-Dinitrophenol	0.142	0.169	-19.0	94	0.01
55		Dibenzofuran	1.708	1.645	3.7	80	0.00
56	P	4-Nitrophenol	0.214	0.207	3.3	79	0.01
57		2,4-Dinitrotoluene	0.378	0.360	4.8	78	0.00
58		Fluorene	1.334	1.274	4.5	80	0.00
59		2,3,4,6-Tetrachlorophenol	0.326	0.293	10.1	75	0.00
60		Diethylphthalate	1.269	1.220	3.9	80	0.00
61		4-Chlorophenyl-phenylether	0.636	0.616	3.1	82	0.00
62		4-Nitroaniline	0.286	0.265	7.3	77	0.00
63		Azobenzene	1.134	1.072	5.5	79	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	75	0.00
65		4,6-Dinitro-2-methylphenol	0.121	0.121	0.0	76	0.00
66	c	n-Nitrosodiphenylamine	0.693	0.704	-1.6	78	0.00
67		4-Bromophenyl-phenylether	0.228	0.232	-1.8	80	0.00
68		Hexachlorobenzene	0.253	0.255	-0.8	79	0.00
69		Atrazine	0.179	0.184	-2.8	79	0.00
70	C	Pentachlorophenol	0.126	0.143	-13.5	85	0.00
71		Phenanthrene	1.083	1.050	3.0	76	0.00
72		Anthracene	1.111	1.081	2.7	76	0.00
73		Carbazole	0.959	0.888	7.4	74	0.00
74		Di-n-butylphthalate	0.999	1.010	-1.1	80	0.00
75	C	Fluoranthene	1.028	0.933	9.2	73	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	81	0.00
77		Benzidine	0.751	0.850	-13.2	89	0.00
78		Pyrene	1.875	1.782	5.0	83	0.00
79	S	Terphenyl-d14	1.447	1.318	8.9	80	0.00
80		Butylbenzylphthalate	0.544	0.602	-10.7	89	0.00
81		Benzo(a)anthracene	1.349	1.319	2.2	84	0.00
82		3,3'-Dichlorobenzidine	0.438	0.480	-9.6	91	0.00
83		Chrysene	1.204	1.216	-1.0	85	0.00
84		Bis(2-ethylhexyl)phthalate	0.782	0.919	-17.5	93	0.00
85	c	Di-n-octyl phthalate	1.475	1.705	-15.6	94	0.00
86	I	Perylene-d12	1.000	1.000	0.0	86	0.00
87		Indeno(1,2,3-cd)pyrene	1.523	1.334	12.4	78	0.02
88		Benzo(b)fluoranthene	1.157	1.189	-2.8	95	0.00
89		Benzo(k)fluoranthene	1.083	1.000	7.7	83	0.00
90	C	Benzo(a)pyrene	1.118	1.099	1.7	88	0.00
91		Dibenzo(a,h)anthracene	1.238	1.100	11.1	80	0.01
92		Benzo(g,h,i)perylene	1.234	1.044	15.4	75	0.02

Sample Results: **BF143003.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143003.D
Acq On : 07 Jul 2025 12:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 07 13:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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: **BF143003.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143003.D
Acq On : 07 Jul 2025 12:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 07 13:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	79	0.00
2		1,4-Dioxane	40.000	35.782	10.5	74	-0.02
3		Pyridine	40.000	36.706	8.2	75	-0.02
4		n-Nitrosodimethylamine	40.000	36.176	9.6	75	-0.01
5	S	2-Fluorophenol	80.000	77.207	3.5	80	0.00
6		Aniline	40.000	38.069	4.8	78	0.00
7	S	Phenol-d6	80.000	76.939	3.8	81	0.00
8		2-Chlorophenol	40.000	38.405	4.0	79	0.00
9		Benzaldehyde	40.000	42.667	-6.7	94	0.00
10	C	Phenol	40.000	38.395	4.0	79	0.00
11		bis(2-Chloroethyl)ether	40.000	38.570	3.6	80	0.00
12		1,3-Dichlorobenzene	40.000	38.778	3.1	81	0.00
13	C	1,4-Dichlorobenzene	40.000	39.211	2.0	81	0.00
14		1,2-Dichlorobenzene	40.000	38.836	2.9	80	0.00
15		Benzyl Alcohol	40.000	39.365	1.6	82	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.367	9.1	76	0.00
17		2-Methylphenol	40.000	39.871	0.3	83	0.00
18		Hexachloroethane	40.000	39.601	1.0	80	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.369	1.6	82	0.00
20		3+4-Methylphenols	40.000	39.972	0.1	82	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	80	0.00
22		Acetophenone	40.000	39.346	1.6	83	0.00
23	S	Nitrobenzene-d5	80.000	84.475	-5.6	87	0.00
24		Nitrobenzene	40.000	38.630	3.4	80	0.00
25		Isophorone	40.000	38.672	3.3	81	0.00
26	C	2-Nitrophenol	40.000	41.029	-2.6	83	0.00
27		2,4-Dimethylphenol	40.000	38.538	3.7	80	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.573	1.1	83	0.00
29	C	2,4-Dichlorophenol	40.000	39.320	1.7	81	0.00
30		1,2,4-Trichlorobenzene	40.000	39.498	1.3	82	0.00
31		Naphthalene	40.000	39.334	1.7	82	0.00
32		Benzoic acid	40.000	34.462	13.8	70	0.01
33		4-Chloroaniline	40.000	37.195	7.0	78	0.00
34	C	Hexachlorobutadiene	40.000	40.249	-0.6	83	0.00
35		Caprolactam	40.000	38.545	3.6	80	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.359	1.6	82	0.00
37		2-Methylnaphthalene	40.000	39.070	2.3	82	0.00
38		1-Methylnaphthalene	40.000	38.897	2.8	82	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	79	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.120	-0.3	84	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.967	-2.4	81	0.00
42	S	2,4,6-Tribromophenol	80.000	72.570	9.3	74	0.00
43	C	2,4,6-Trichlorophenol	40.000	37.913	5.2	79	0.00
44		2,4,5-Trichlorophenol	40.000	37.348	6.6	77	0.00
45	S	2-Fluorobiphenyl	80.000	84.026	-5.0	89	0.00
46		1,1'-Biphenyl	40.000	39.146	2.1	81	0.00
47		2-Chloronaphthalene	40.000	39.144	2.1	81	0.00

Sample Results: **BF143003.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143003.D
Acq On : 07 Jul 2025 12:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 07 13:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	38.713	3.2	79	0.00
49		Acenaphthylene	40.000	39.035	2.4	81	0.00
50		Dimethylphthalate	40.000	38.647	3.4	81	0.00
51		2,6-Dinitrotoluene	40.000	38.826	2.9	79	0.00
52	C	Acenaphthene	40.000	40.086	-0.2	83	0.00
53		3-Nitroaniline	40.000	37.896	5.3	78	0.00
54	P	2,4-Dinitrophenol	40.000	47.528	-18.8	94	0.01
55		Dibenzofuran	40.000	38.541	3.6	80	0.00
56	P	4-Nitrophenol	40.000	38.583	3.5	79	0.01
57		2,4-Dinitrotoluene	40.000	38.178	4.6	78	0.00
58		Fluorene	40.000	38.205	4.5	80	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	35.944	10.1	75	0.00
60		Diethylphthalate	40.000	38.440	3.9	80	0.00
61		4-Chlorophenyl-phenylether	40.000	38.716	3.2	82	0.00
62		4-Nitroaniline	40.000	37.032	7.4	77	0.00
63		Azobenzene	40.000	37.788	5.5	79	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	75	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.944	0.1	76	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.625	-1.6	78	0.00
67		4-Bromophenyl-phenylether	40.000	40.831	-2.1	80	0.00
68		Hexachlorobenzene	40.000	40.328	-0.8	79	0.00
69		Atrazine	40.000	41.168	-2.9	79	0.00
70	C	Pentachlorophenol	40.000	45.495	-13.7	85	0.00
71		Phenanthrene	40.000	38.776	3.1	76	0.00
72		Anthracene	40.000	38.930	2.7	76	0.00
73		Carbazole	40.000	37.050	7.4	74	0.00
74		Di-n-butylphthalate	40.000	40.464	-1.2	80	0.00
75	C	Fluoranthene	40.000	36.315	9.2	73	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	81	0.00
77		Benzidine	40.000	45.269	-13.2	89	0.00
78		Pyrene	40.000	38.016	5.0	83	0.00
79	S	Terphenyl-d14	80.000	72.831	9.0	80	0.00
80		Butylbenzylphthalate	40.000	44.276	-10.7	89	0.00
81		Benzo(a)anthracene	40.000	39.108	2.2	84	0.00
82		3,3'-Dichlorobenzidine	40.000	43.913	-9.8	91	0.00
83		Chrysene	40.000	40.410	-1.0	85	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	46.985	-17.5	93	0.00
85	c	Di-n-octyl phthalate	40.000	46.235	-15.6	94	0.00
86	I	Perylene-d12	20.000	20.000	0.0	86	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	35.035	12.4	78	0.02
88		Benzo(b)fluoranthene	40.000	41.097	-2.7	95	0.00
89		Benzo(k)fluoranthene	40.000	36.941	7.6	83	0.00
90	C	Benzo(a)pyrene	40.000	39.319	1.7	88	0.00
91		Dibenzo(a,h)anthracene	40.000	35.535	11.2	80	0.01
92		Benzo(g,h,i)perylene	40.000	33.820	15.4	75	0.02

Sample Results: **BF143003.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143003.D
Acq On : 07 Jul 2025 12:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 07 13:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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: **BF143025.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_F Calibration Date/Time: 07/08/2025 10:54

Lab File ID: BF143025.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.183		-1.5	
Benzaldehyde	0.841	0.903		7.4	
Phenol-d6	1.417	1.384		-2.3	
Phenol	1.575	1.550		-1.6	20.0
bis(2-Chloroethyl)ether	1.126	1.102		-2.1	
2-Chlorophenol	1.296	1.276		-1.5	
2-Methylphenol	0.982	0.973		-0.9	
2,2-oxybis(1-Chloropropane)	1.809	1.645		-9.1	
Acetophenone	0.441	0.431		-2.3	
3+4-Methylphenols	1.224	1.225		0.1	
n-Nitroso-di-n-propylamine	0.824	0.805	0.050	-2.3	
Nitrobenzene-d5	0.365	0.385		5.5	
Hexachloroethane	0.511	0.498		-2.5	
Nitrobenzene	0.330	0.315		-4.5	
Isophorone	0.585	0.566		-3.2	
2-Nitrophenol	0.180	0.181		0.6	20.0
2,4-Dimethylphenol	0.311	0.301		-3.2	
bis(2-Chloroethoxy)methane	0.372	0.361		-3.0	
2,4-Dichlorophenol	0.282	0.275		-2.5	20.0
Naphthalene	0.979	0.952		-2.8	
4-Chloroaniline	0.398	0.391		-1.8	
Hexachlorobutadiene	0.190	0.185		-2.6	20.0
Caprolactam	0.075	0.078		4.0	
4-Chloro-3-methylphenol	0.281	0.276		-1.8	20.0
2-Methylnaphthalene	0.607	0.594		-2.1	
Hexachlorocyclopentadiene	0.335	0.341	0.050	1.8	
2,4,6-Trichlorophenol	0.385	0.367		-4.7	20.0
2-Fluorobiphenyl	1.522	1.552		2.0	
2,4,5-Trichlorophenol	0.405	0.383		-5.4	
1,1-Biphenyl	1.580	1.507		-4.6	
2-Chloronaphthalene	1.186	1.125		-5.1	
2-Nitroaniline	0.332	0.326		-1.8	
Dimethylphthalate	1.295	1.287		-0.6	
Acenaphthylene	1.952	1.854		-5.0	
2,6-Dinitrotoluene	0.284	0.279		-1.8	
3-Nitroaniline	0.313	0.304		-2.9	
Acenaphthene	1.191	1.180		-0.9	20.0
2,4-Dinitrophenol	0.142	0.188	0.050	32.4	
4-Nitrophenol	0.214	0.259	0.050	21.0	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	WALS01
Lab Code:	ACE	SDG No.:	Q2487
Instrument ID:	BNA_F	Calibration Date/Time:	07/08/2025 10:54
Lab File ID:	BF143025.D	Init. Calib. Date(s):	06/19/2025 06/19/2025
EPA Sample No.:	SSTDCCC040	Init. Calib. Time(s):	17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.708	1.634		-4.3	
2,4-Dinitrotoluene	0.378	0.376		-0.5	
Diethylphthalate	1.269	1.241		-2.2	
4-Chlorophenyl-phenylether	0.636	0.623		-2.0	
Fluorene	1.334	1.302		-2.4	
4-Nitroaniline	0.286	0.282		-1.4	
4,6-Dinitro-2-methylphenol	0.121	0.120		-0.8	
n-Nitrosodiphenylamine	0.693	0.683		-1.4	20.0
2,4,6-Tribromophenol	0.206	0.200		-2.9	
4-Bromophenyl-phenylether	0.228	0.230		0.9	
Hexachlorobenzene	0.253	0.251		-0.8	
Atrazine	0.179	0.189		5.6	
Pentachlorophenol	0.126	0.185		46.8	20.0
Phenanthrene	1.083	1.051		-3.0	
Anthracene	1.111	1.089		-2.0	
Carbazole	0.959	0.908		-5.3	
Di-n-butylphthalate	0.999	1.022		2.3	
Fluoranthene	1.028	0.959		-6.7	20.0
Pyrene	1.875	2.136		13.9	
Terphenyl-d14	1.447	1.536		6.2	
Butylbenzylphthalate	0.544	0.573		5.3	
3,3-Dichlorobenzidine	0.438	0.444		1.4	
Benzo(a)anthracene	1.349	1.310		-2.9	
Chrysene	1.204	1.161		-3.6	
Bis(2-ethylhexyl)phthalate	0.782	0.775		-0.9	
Di-n-octyl phthalate	1.475	1.479		0.3	20.0
Benzo(b)fluoranthene	1.157	1.133		-2.1	
Benzo(k)fluoranthene	1.083	0.990		-8.6	
Benzo(a)pyrene	1.118	1.090		-2.5	20.0
Indeno(1,2,3-cd)pyrene	1.523	1.509		-0.9	
Dibenzo(a,h)anthracene	1.238	1.206		-2.6	
Benzo(g,h,i)perylene	1.234	1.198		-2.9	
1,2,4,5-Tetrachlorobenzene	0.590	0.574		-2.7	
1,4-Dioxane	0.480	0.434		-9.6	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.307		-5.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143025.D
Acq On : 08 Jul 2025 10:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 08 12:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	66813	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	257725	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	136330	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	218169	20.000	ng		0.00
76) Chrysene-d12	14.063	240	109391	20.000	ng		0.00
86) Perylene-d12	15.557	264	135350	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	316247	78.806	ng		0.00
7) Phenol-d6	6.510	99	369973	78.144	ng		0.00
23) Nitrobenzene-d5	7.445	82	397254	84.546	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	108910	77.630	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	846426	81.561	ng		0.00
79) Terphenyl-d14	12.998	244	672150	84.898	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	57982	36.124	ng		98
3) Pyridine	3.399	79	151473	37.643	ng		98
4) n-Nitrosodimethylamine	3.346	42	77170	37.086	ng		99
6) Aniline	6.540	93	244676	38.839	ng	#	88
8) 2-Chlorophenol	6.663	128	170496	39.386	ng		99
9) Benzaldehyde	6.428	77	120691	42.967	ng		99
10) Phenol	6.528	94	207080	39.348	ng		82
11) bis(2-Chloroethyl)ether	6.610	93	147243	39.146	ng		97
12) 1,3-Dichlorobenzene	6.816	146	191514	39.558	ng		99
13) 1,4-Dichlorobenzene	6.892	146	192667	39.445	ng		99
14) 1,2-Dichlorobenzene	7.045	146	182982	39.496	ng		100
15) Benzyl Alcohol	7.022	79	136943	40.010	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	219851	36.380	ng		88
17) 2-Methylphenol	7.134	107	129961	39.617	ng		98
18) Hexachloroethane	7.387	117	66538	38.946	ng		95
19) n-Nitroso-di-n-propyla...	7.292	70	107553	39.059	ng		98
20) 3+4-Methylphenols	7.287	107	163708	40.025	ng		95
22) Acetophenone	7.287	105	222206	39.098	ng		98
24) Nitrobenzene	7.463	77	162450	38.199	ng		98
25) Isophorone	7.704	82	291979	38.737	ng		99
26) 2-Nitrophenol	7.781	139	93437	40.333	ng		98
27) 2,4-Dimethylphenol	7.816	122	155161	38.666	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	186301	38.878	ng		100
29) 2,4-Dichlorophenol	8.022	162	141839	38.983	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	155378	38.835	ng		99
31) Naphthalene	8.187	128	490610	38.890	ng		99
32) Benzoic acid	7.939	122	72155	35.279	ng		96
33) 4-Chloroaniline	8.234	127	201664	39.314	ng		98
34) Hexachlorobutadiene	8.298	225	95500	39.023	ng		99
35) Caprolactam	8.610	113	40230	41.901	ng		92
36) 4-Chloro-3-methylphenol	8.722	107	142124	39.303	ng		98
37) 2-Methylnaphthalene	8.875	142	306009	39.127	ng		99
38) 1-Methylnaphthalene	8.975	142	315141	38.925	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	156502	38.905	ng		99
41) Hexachlorocyclopentadiene	9.028	237	92877	40.686	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	100080	38.180	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143025.D
Acq On : 08 Jul 2025 10:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 08 12:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

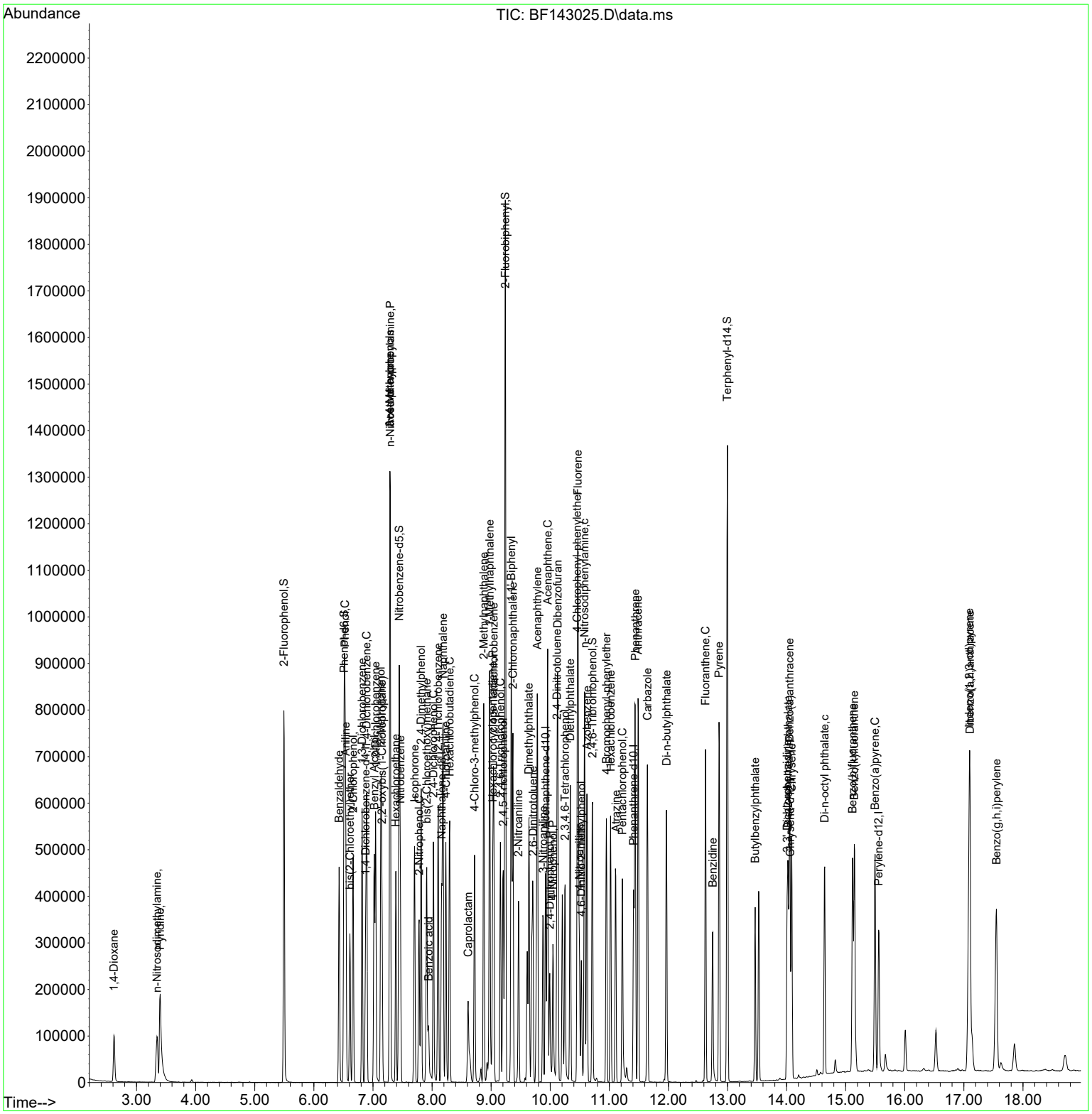
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	104339	37.813	ng	99
46) 1,1'-Biphenyl	9.339	154	410792	38.145	ng	100
47) 2-Chloronaphthalene	9.369	162	306622	37.941	ng	99
48) 2-Nitroaniline	9.463	65	88943	39.256	ng	100
49) Acenaphthylene	9.781	152	505519	37.997	ng	99
50) Dimethylphthalate	9.639	163	350801	39.752	ng	99
51) 2,6-Dinitrotoluene	9.710	165	75946	39.188	ng	95
52) Acenaphthene	9.957	154	321787m	39.643	ng	
53) 3-Nitroaniline	9.881	138	82962	38.881	ng	99
54) 2,4-Dinitrophenol	9.992	184	51195	52.757	ng	96
55) Dibenzofuran	10.128	168	445423	38.268	ng	99
56) 4-Nitrophenol	10.045	139	70555	48.300	ng	96
57) 2,4-Dinitrotoluene	10.116	165	102608	39.860	ng	95
58) Fluorene	10.469	166	354875	39.038	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	83670	37.618	ng	94
60) Diethylphthalate	10.339	149	338403	39.111	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	169854	39.156	ng	98
62) 4-Nitroaniline	10.492	138	76818	39.365	ng	98
63) Azobenzene	10.622	77	293688	37.977	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	52231	39.580	ng	99
66) n-Nitrosodiphenylamine	10.580	169	298183	39.436	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	100343	40.413	ng	97
68) Hexachlorobenzene	11.022	284	109501	39.689	ng	99
69) Atrazine	11.110	200	82526	42.266	ng	100
70) Pentachlorophenol	11.222	266	80900	58.845	ng	97
71) Phenanthrene	11.439	178	458805	38.822	ng	100
72) Anthracene	11.486	178	475083	39.196	ng	100
73) Carbazole	11.645	167	396286	37.887	ng	100
74) Di-n-butylphthalate	11.969	149	445869	40.919	ng	100
75) Fluoranthene	12.627	202	418605	37.322	ng	100
77) Benzidine	12.751	184	200477	48.779	ng	99
78) Pyrene	12.857	202	467410	45.585	ng	99
80) Butylbenzylphthalate	13.469	149	125308	42.130	ng	96
81) Benzo(a)anthracene	14.051	228	286505	38.824	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	97033	40.538	ng	99
83) Chrysene	14.086	228	253970	38.568	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	169570	39.625	ng	100
85) Di-n-octyl phthalate	14.645	149	323589	40.101	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	408600	39.633	ng	99
88) Benzo(b)fluoranthene	15.115	252	306592	39.146	ng	100
89) Benzo(k)fluoranthene	15.145	252	268010	36.576	ng	100
90) Benzo(a)pyrene	15.498	252	295042	38.995	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	326448	38.971	ng	98
92) Benzo(g,h,i)perylene	17.551	276	324337	38.829	ng	98

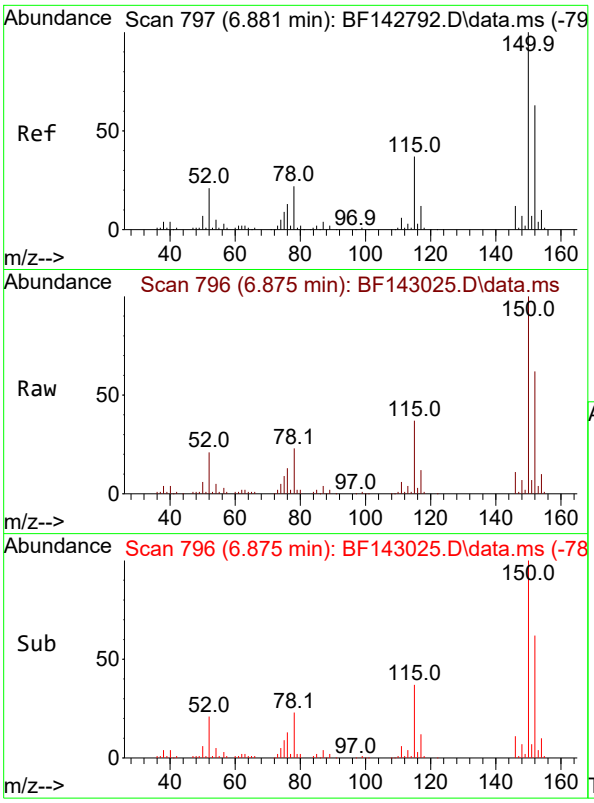
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143025.D
Acq On : 08 Jul 2025 10:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 08 12:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



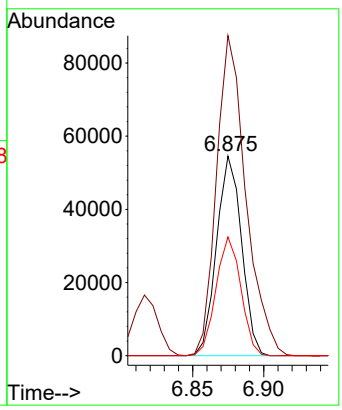


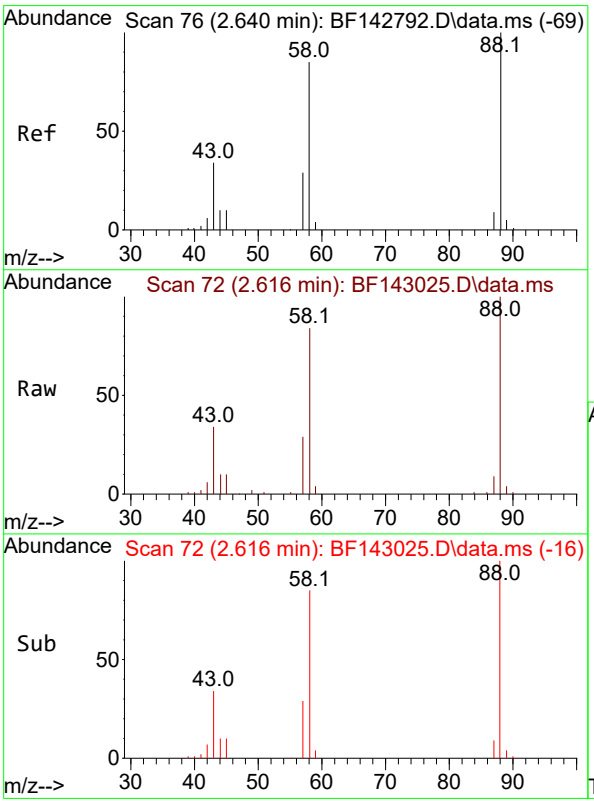
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 66813

Ion	Ratio	Lower	Upper
152	100		
150	160.3	127.2	190.8
115	59.5	46.6	69.8

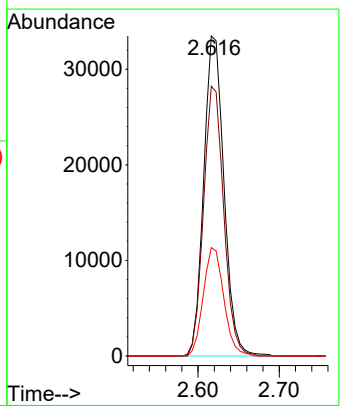


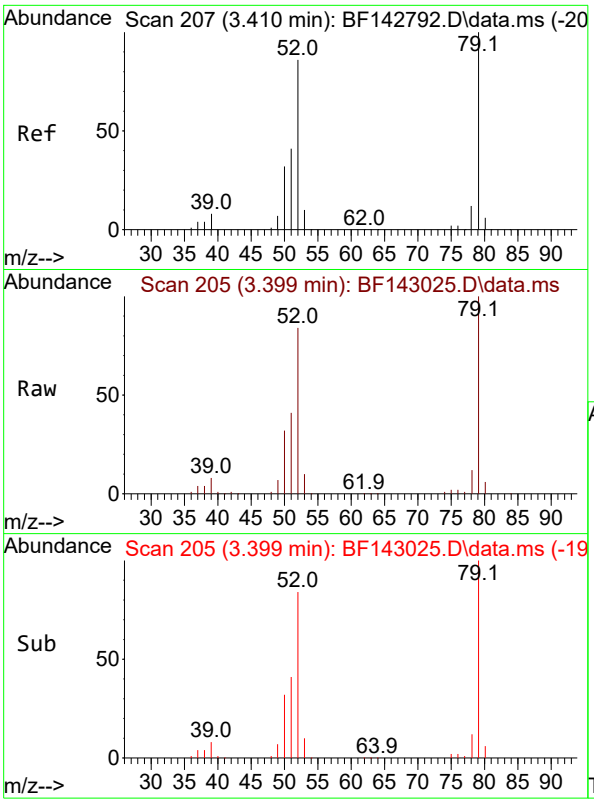


#2
1,4-Dioxane
Concen: 36.124 ng
RT: 2.616 min Scan# 72
Delta R.T. -0.023 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion: 88 Resp: 57982

Ion	Ratio	Lower	Upper
88	100		
58	83.7	69.1	103.7
43	34.2	27.4	41.2



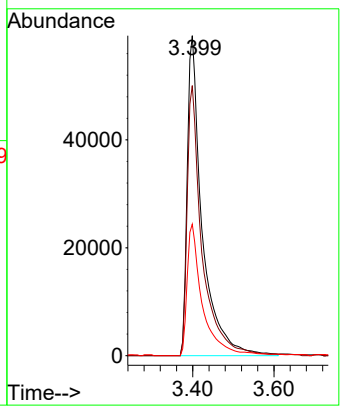


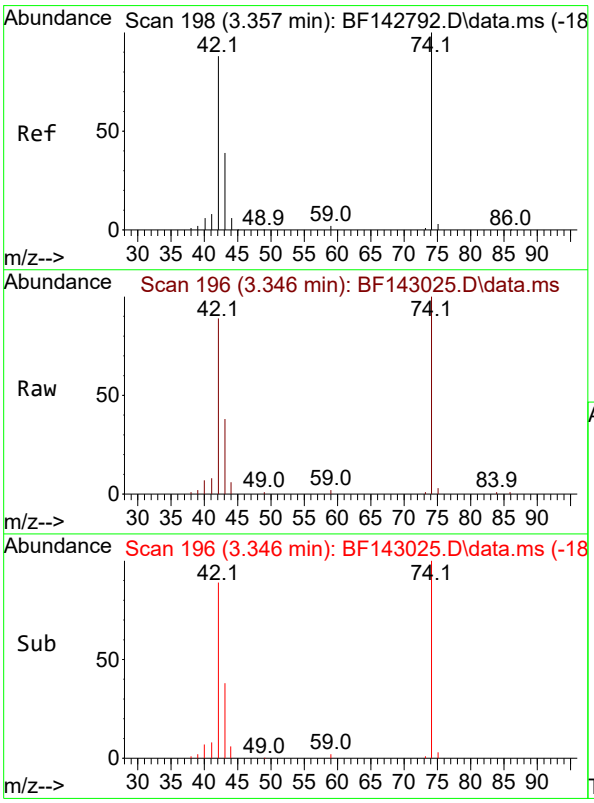
#3
Pyridine
Concen: 37.643 ng
RT: 3.399 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 151473

Ion	Ratio	Lower	Upper
79	100		
52	84.4	69.2	103.8
51	41.1	33.2	49.8

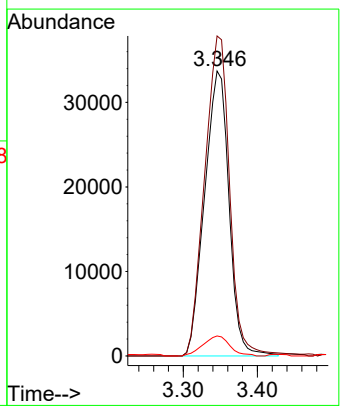


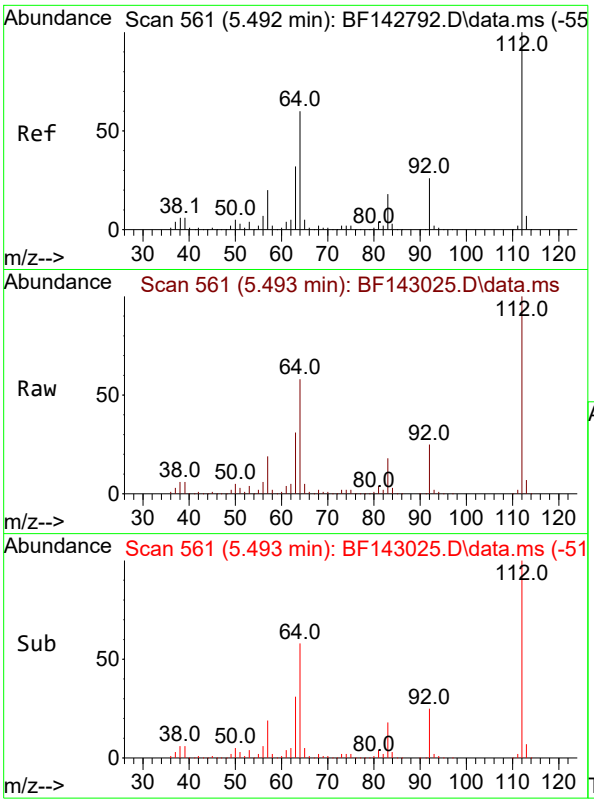


#4
n-Nitrosodimethylamine
Concen: 37.086 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion: 42 Resp: 77170

Ion	Ratio	Lower	Upper
42	100		
74	112.3	90.9	136.3
44	7.0	5.8	8.6



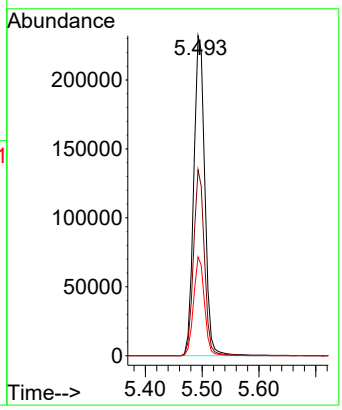


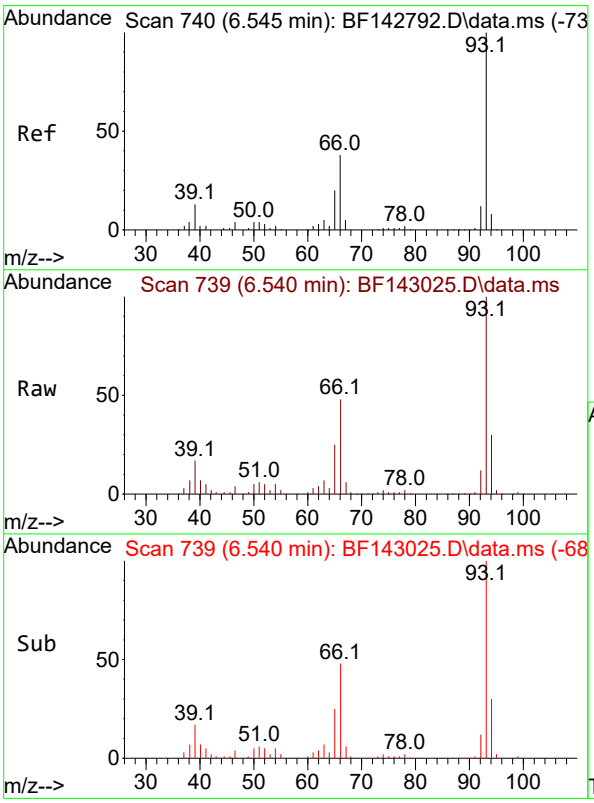
#5
2-Fluorophenol
Concen: 78.806 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.001 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 316247

Ion	Ratio	Lower	Upper
112	100		
64	58.1	48.2	72.2
63	30.8	25.7	38.5

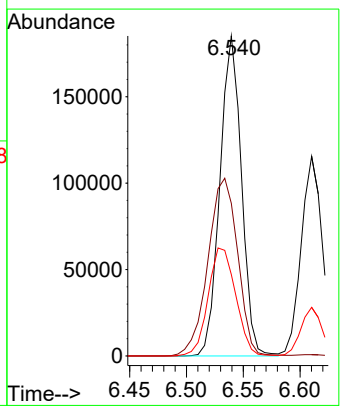


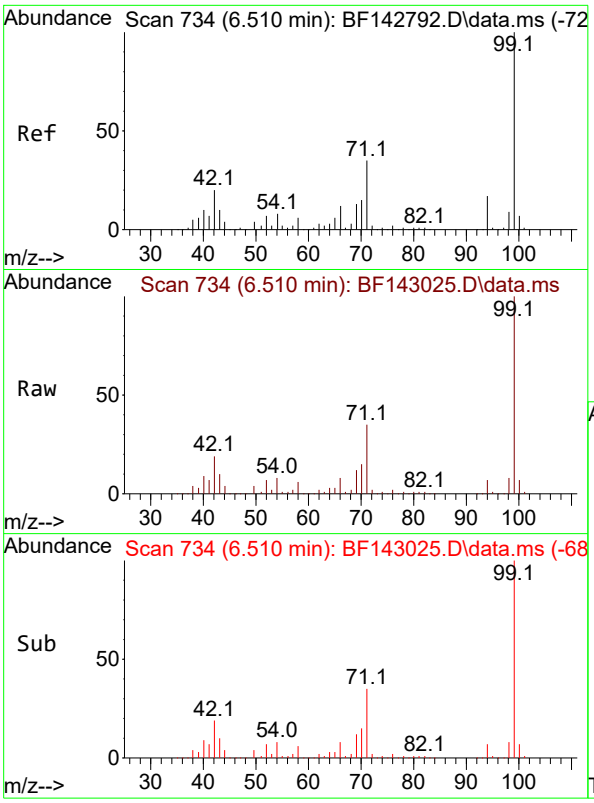


#6
Aniline
Concen: 38.839 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion: 93 Resp: 244676

Ion	Ratio	Lower	Upper
93	100		
66	47.7	31.8	47.6#
65	25.4	16.2	24.2#



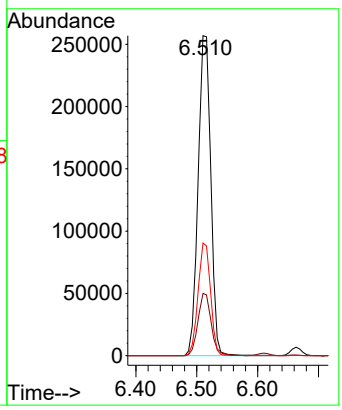


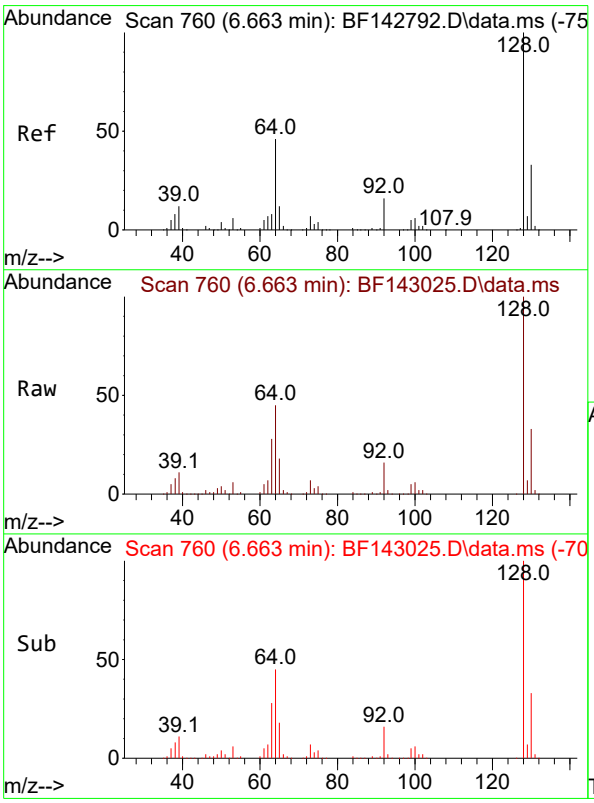
#7
Phenol-d6
Concen: 78.144 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 369973

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.9	23.9
71	35.2	27.8	41.8

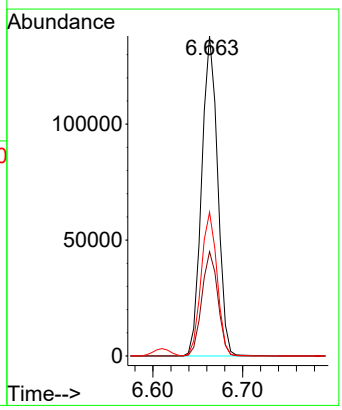


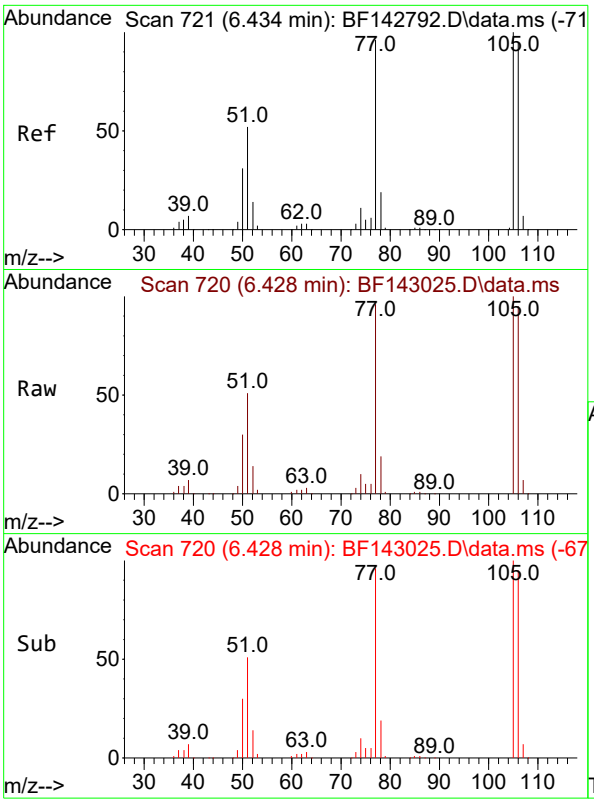


#8
2-Chlorophenol
Concen: 39.386 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:128 Resp: 170496

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.7	52.7
64	44.9	26.5	66.5



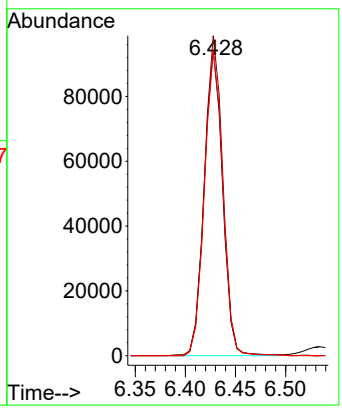


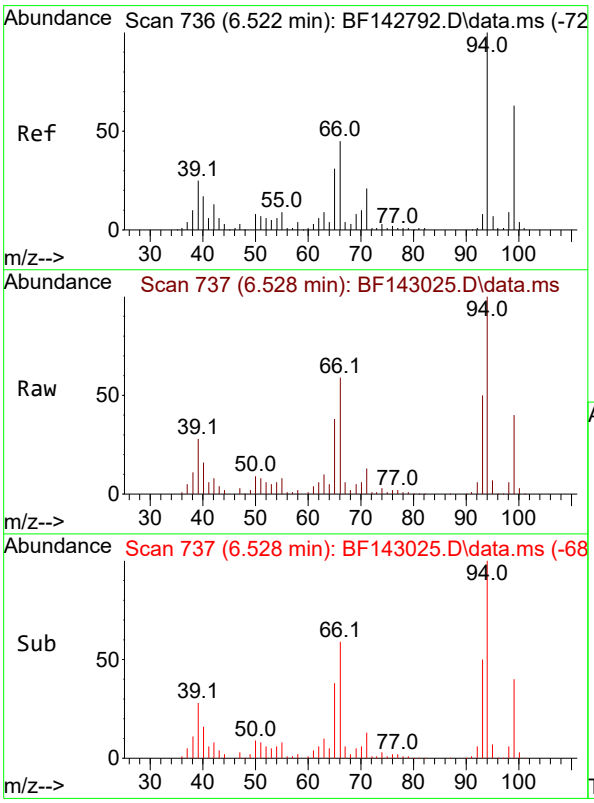
#9
Benzaldehyde
Concen: 42.967 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 120691

Ion	Ratio	Lower	Upper
77	100		
105	104.7	83.8	123.8
106	99.7	78.7	118.7

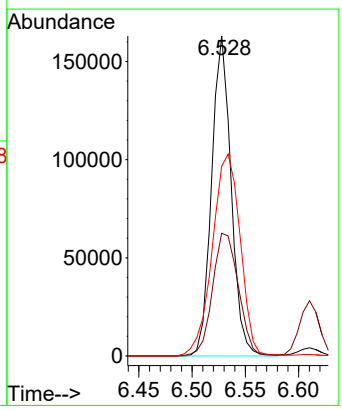


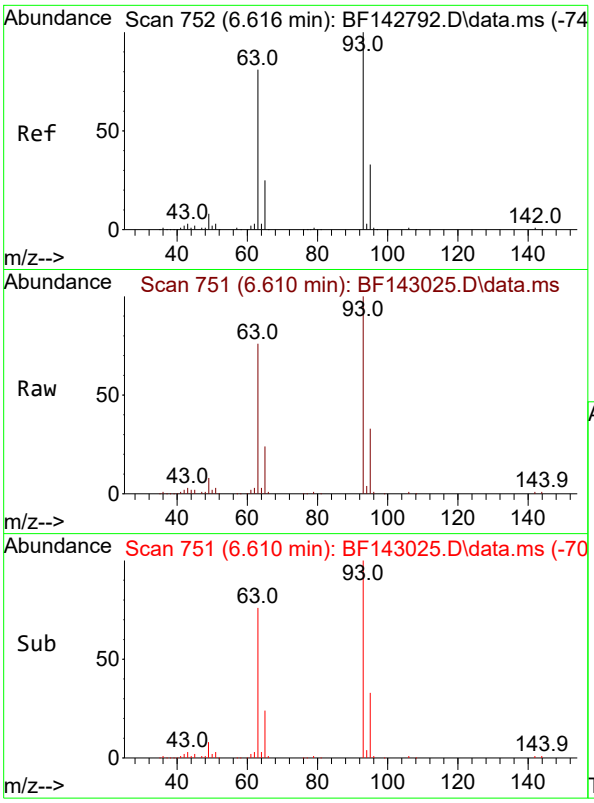


#10
Phenol
Concen: 39.348 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion: 94 Resp: 207080

Ion	Ratio	Lower	Upper
94	100		
65	38.3	11.3	51.3
66	59.3	24.9	64.9



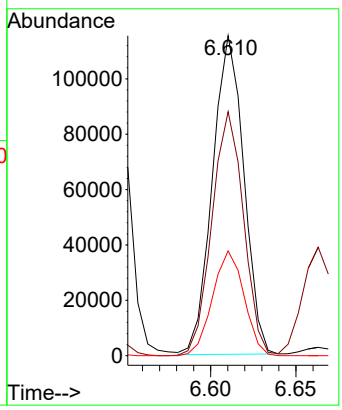


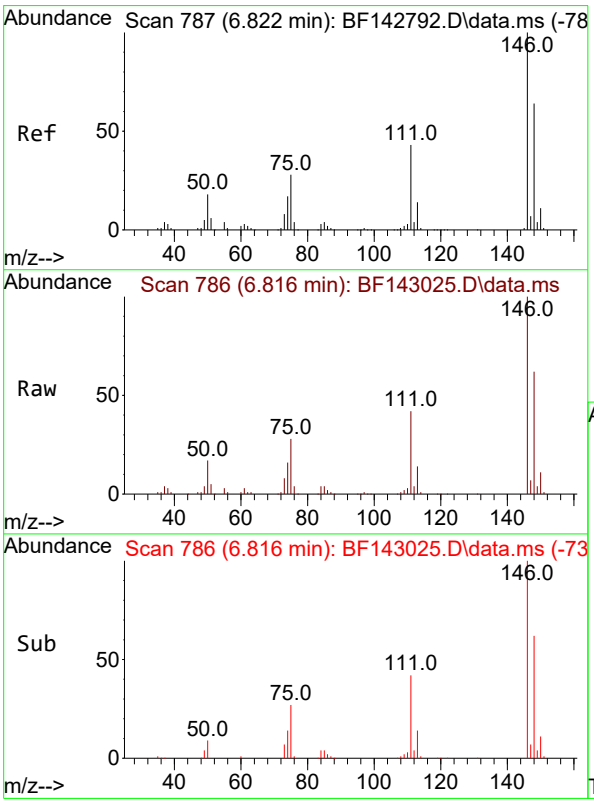
#11
bis(2-Chloroethyl)ether
Concen: 39.146 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 147243

Ion	Ratio	Lower	Upper
93	100		
63	76.3	60.3	100.3
95	32.7	12.5	52.5

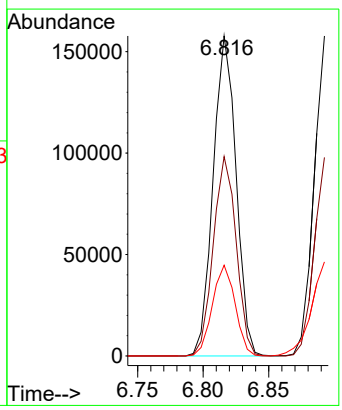


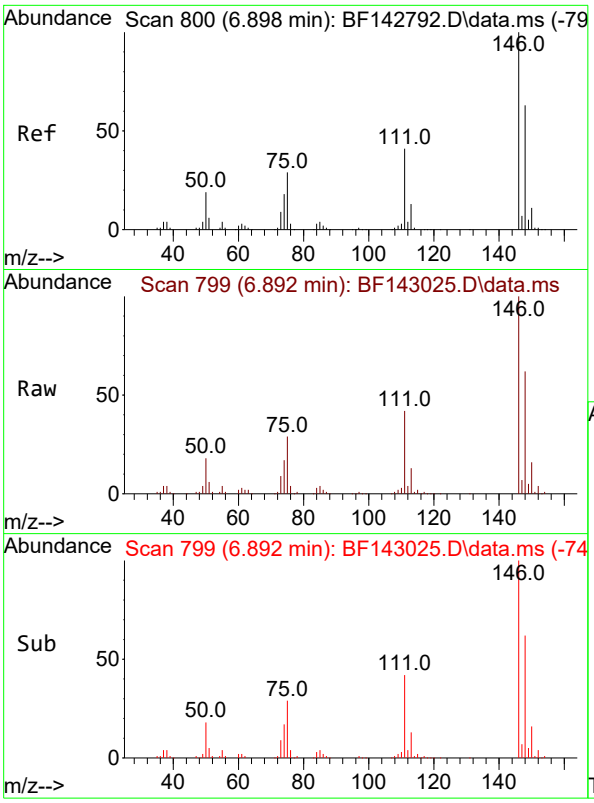


#12
1,3-Dichlorobenzene
Concen: 39.558 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:146 Resp: 191514

Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.1	76.7
75	28.3	22.7	34.1



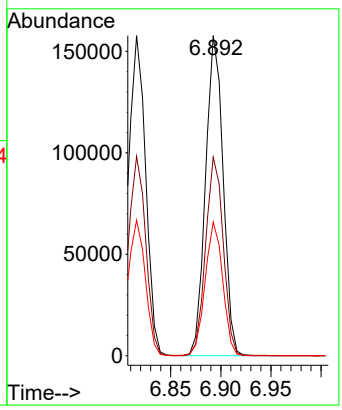


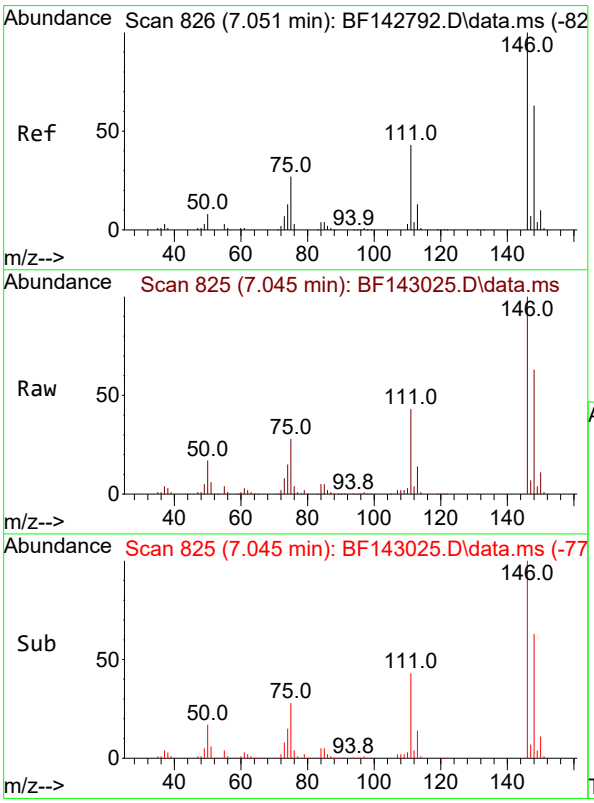
#13
1,4-Dichlorobenzene
Concen: 39.445 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 192667

Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.2	75.2
111	41.7	33.2	49.8

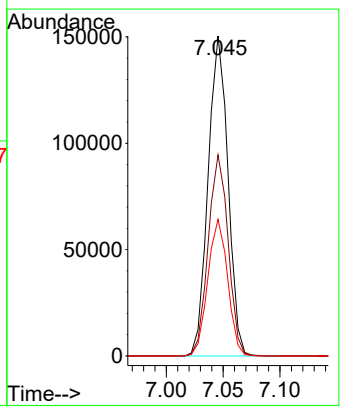


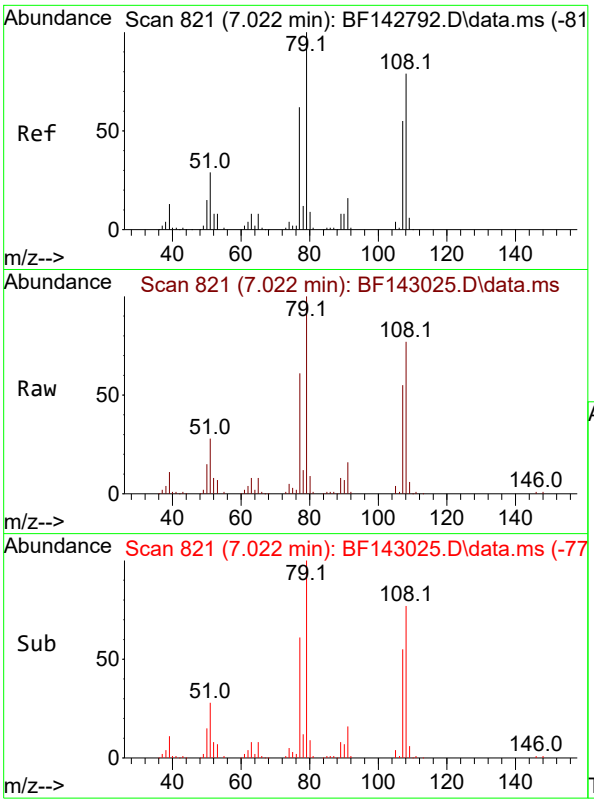


#14
1,2-Dichlorobenzene
Concen: 39.496 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:146 Resp: 182982

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.4	75.6
111	42.7	34.1	51.1



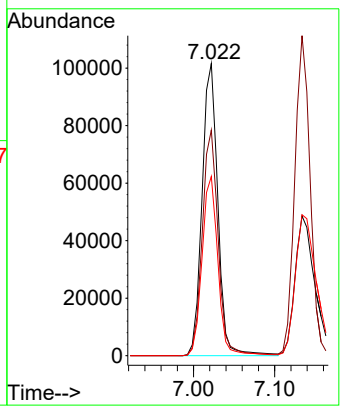


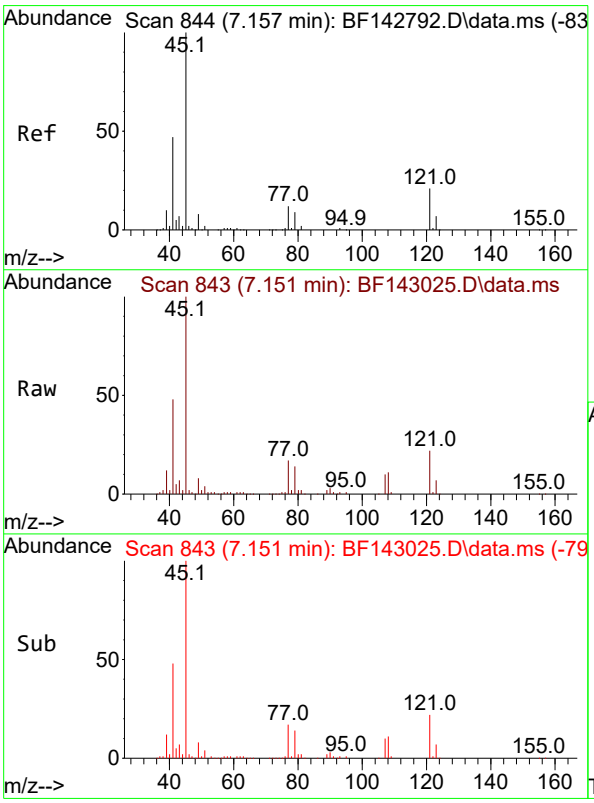
#15
Benzyl Alcohol
Concen: 40.010 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 136943

Ion	Ratio	Lower	Upper
79	100		
108	77.2	63.4	95.0
77	61.4	49.5	74.3

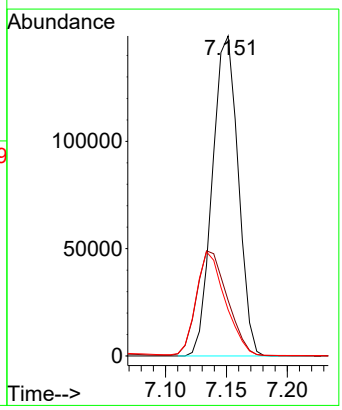


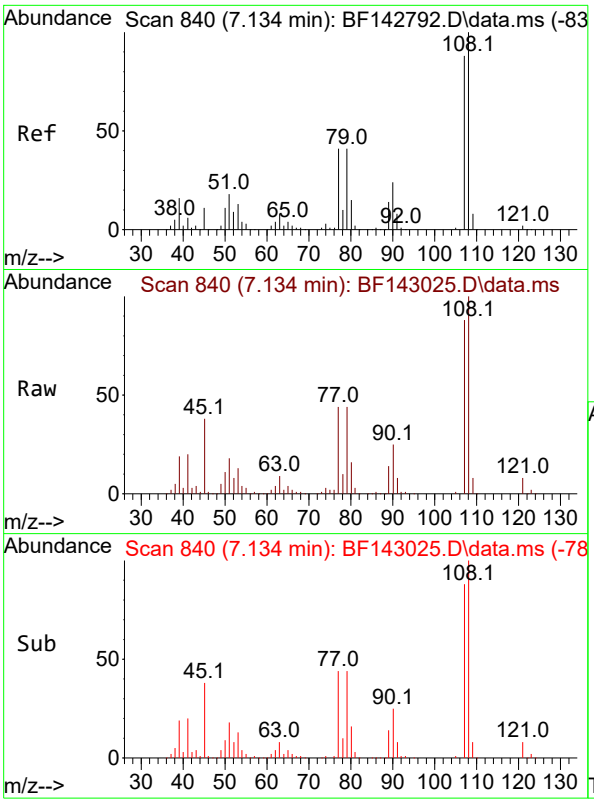


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.380 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion: 45 Resp: 219851

Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	32.8
79	14.5	0.0	29.8



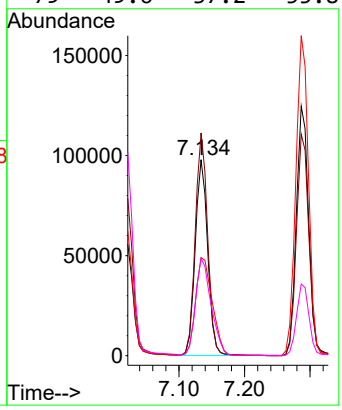


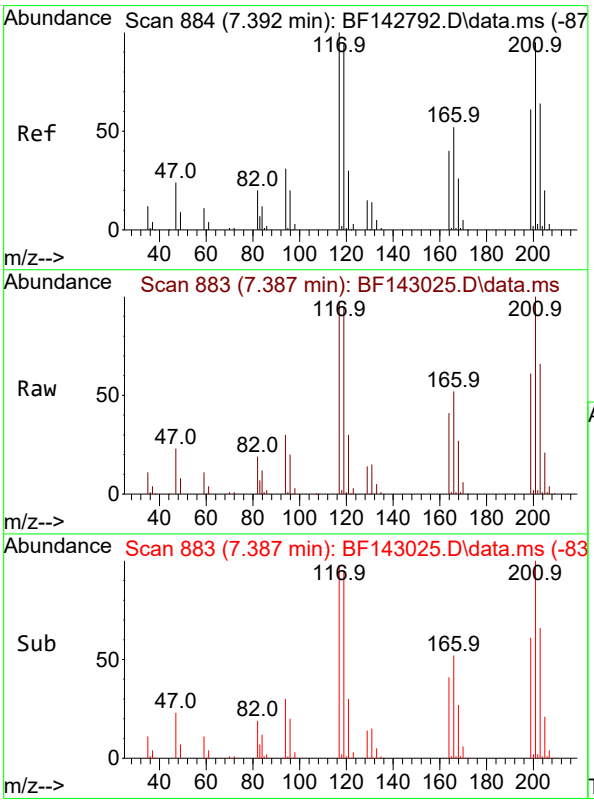
#17
2-Methylphenol
Concen: 39.617 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 129961

Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	50.1	37.3	55.9
79	49.6	37.2	55.8

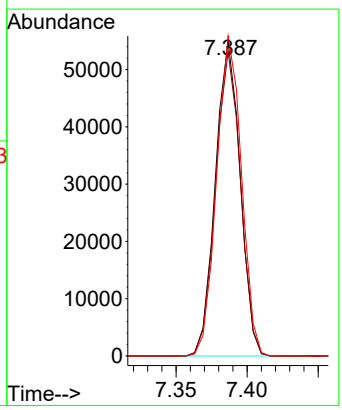


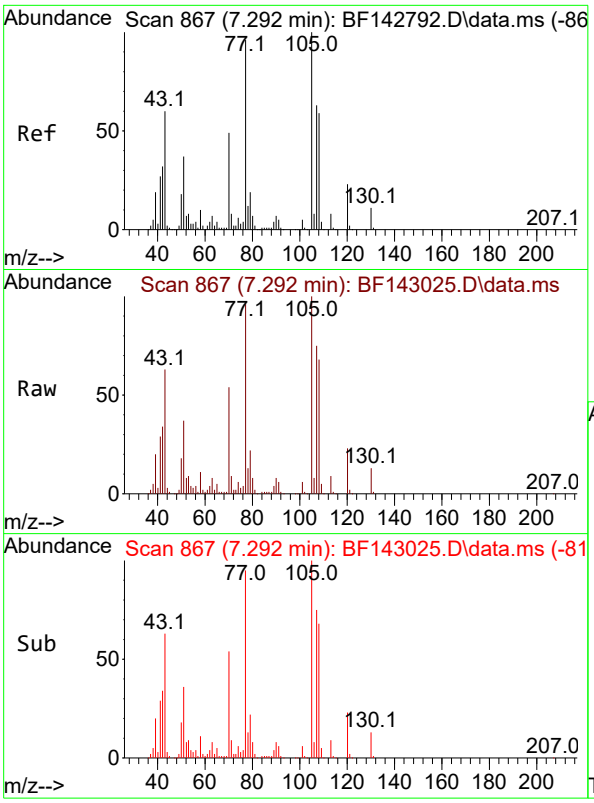


#18
Hexachloroethane
Concen: 38.946 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:117 Resp: 66538

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.4	113.0
201	101.7	75.9	113.9



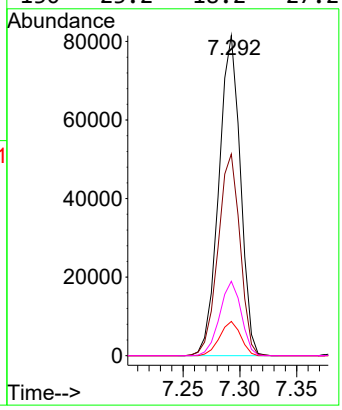


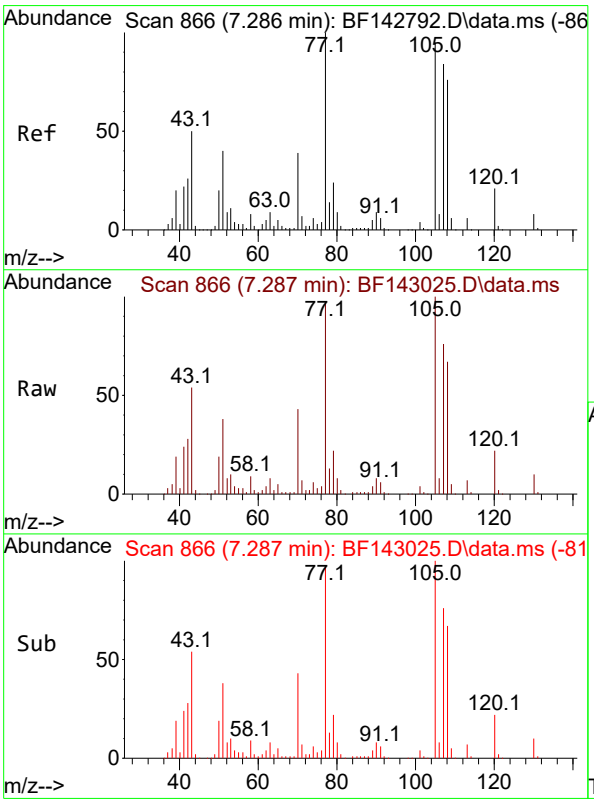
#19
n-Nitroso-di-n-propylamine
Concen: 39.059 ng
RT: 7.292 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 107553

Ion	Ratio	Lower	Upper
70	100		
42	63.0	52.1	78.1
101	10.7	8.2	12.2
130	23.2	18.2	27.2

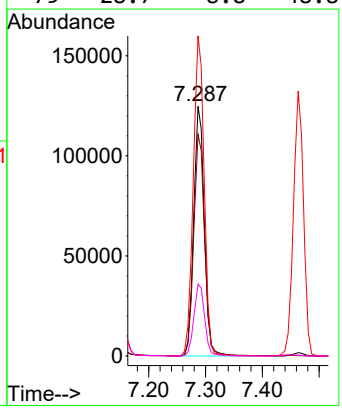


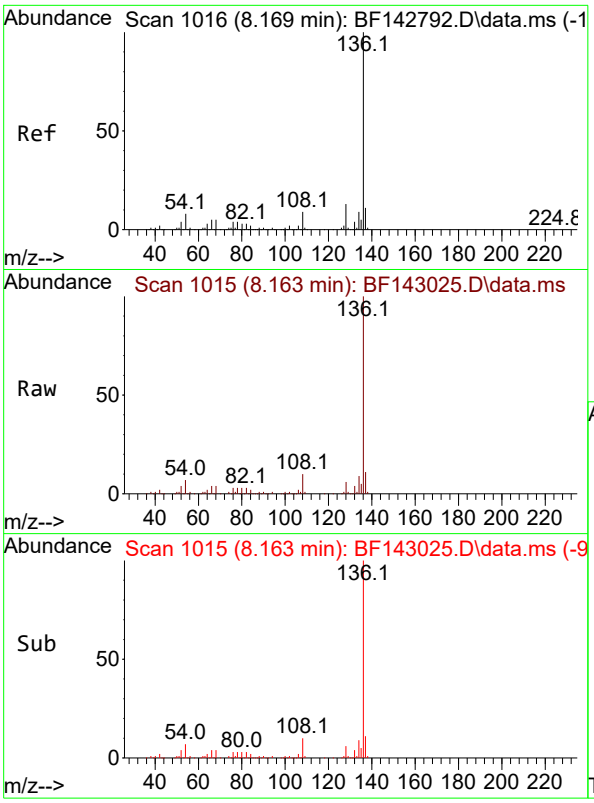


#20
3+4-Methylphenols
Concen: 40.025 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:107 Resp: 163708

Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.0	110.0
77	128.2	98.5	138.5
79	28.7	8.8	48.8



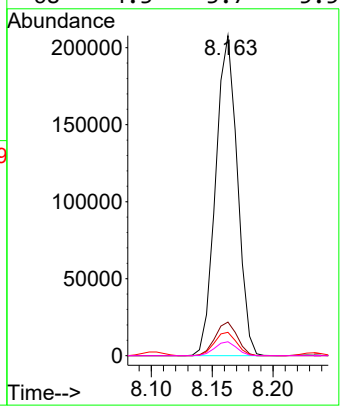


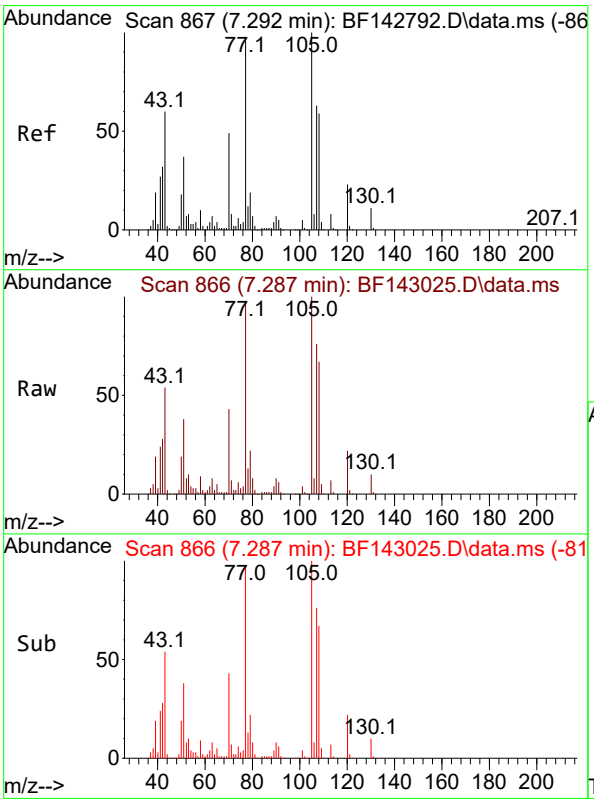
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 257725

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.3	6.3	9.5
68	4.3	3.7	5.5

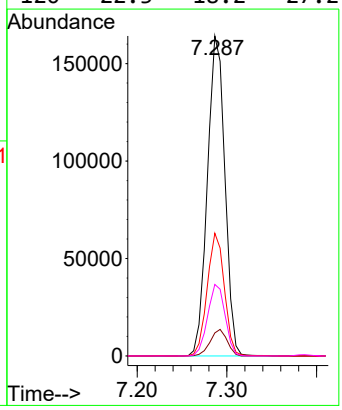


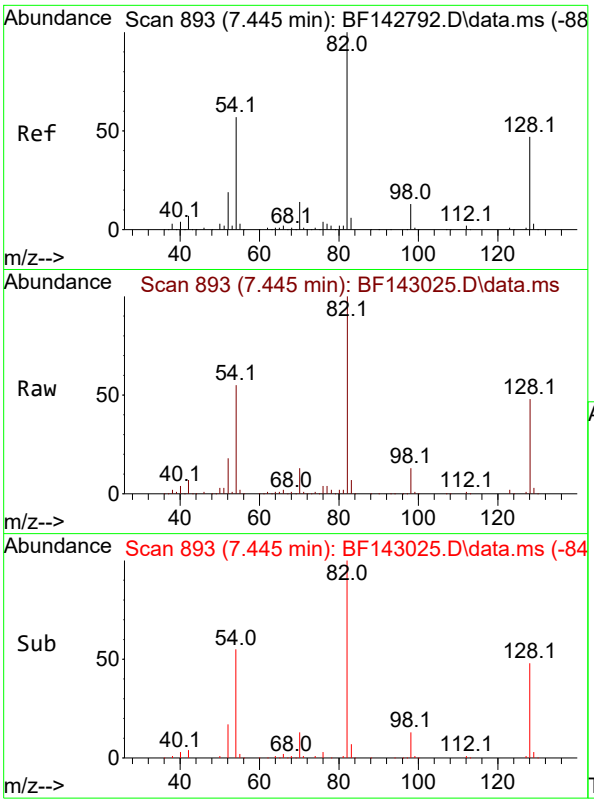


#22
Acetophenone
Concen: 39.098 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:105 Resp: 222206

Ion	Ratio	Lower	Upper
105	100		
71	7.2	6.5	9.7
51	38.3	29.8	44.8
120	22.3	18.2	27.2



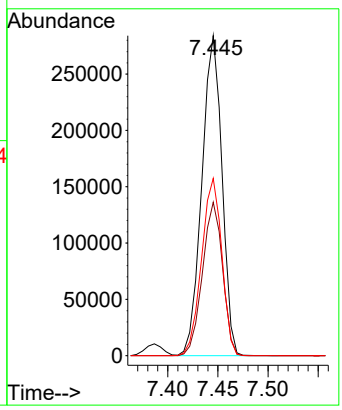


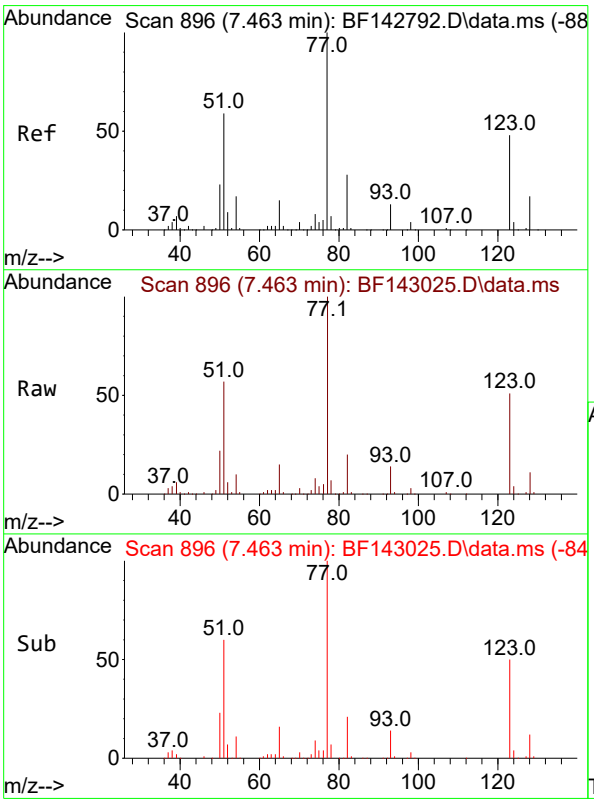
#23
Nitrobenzene-d5
Concen: 84.546 ng
RT: 7.445 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 397254

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.7	56.5
54	55.4	45.7	68.5

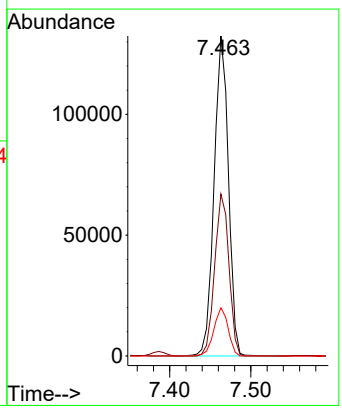


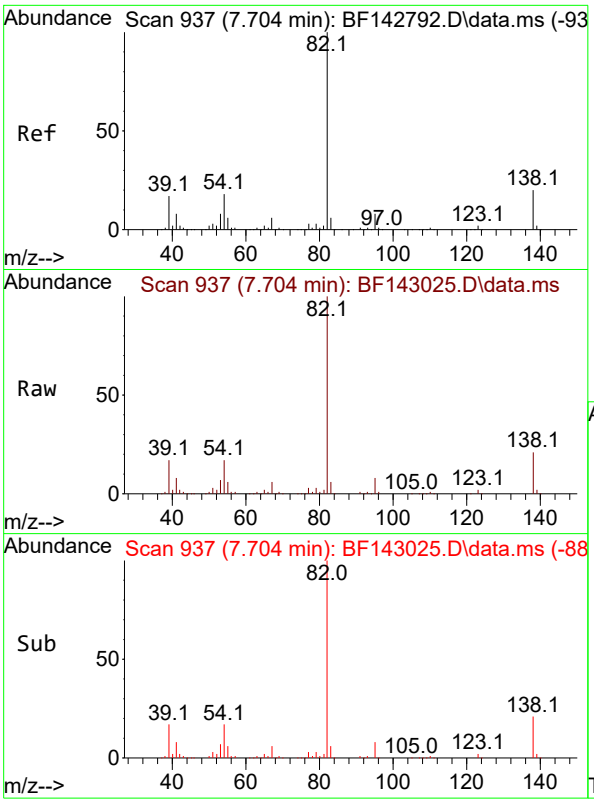


#24
Nitrobenzene
Concen: 38.199 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion: 77 Resp: 162450

Ion	Ratio	Lower	Upper
77	100		
123	50.6	39.2	58.8
65	15.0	11.6	17.4



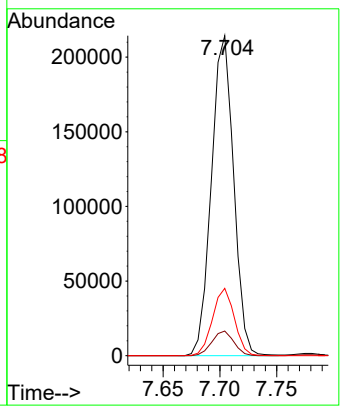


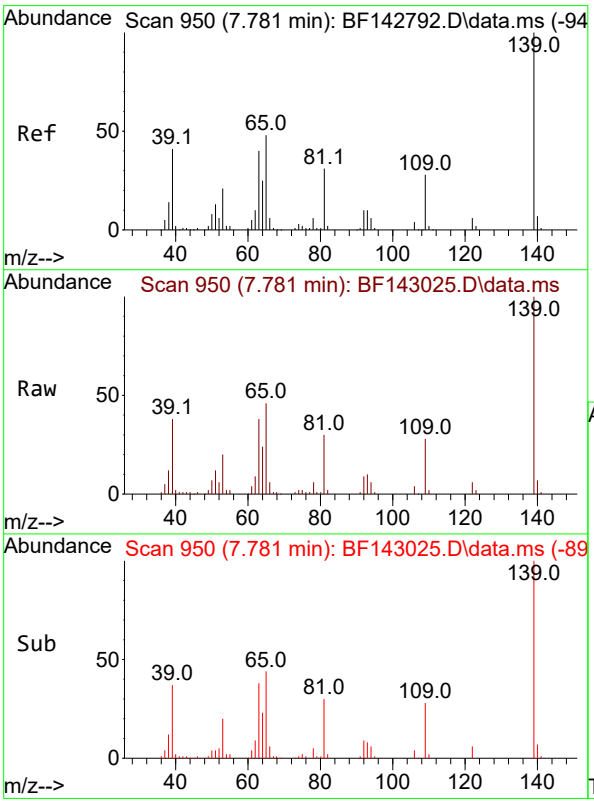
#25
Isophorone
Concen: 38.737 ng
RT: 7.704 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 291979

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	21.0	16.2	24.4

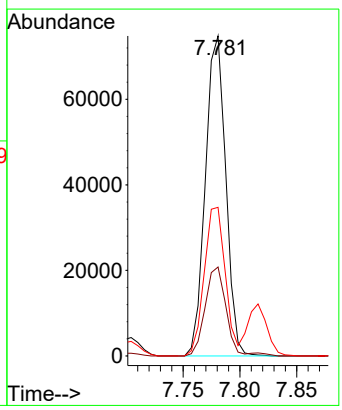


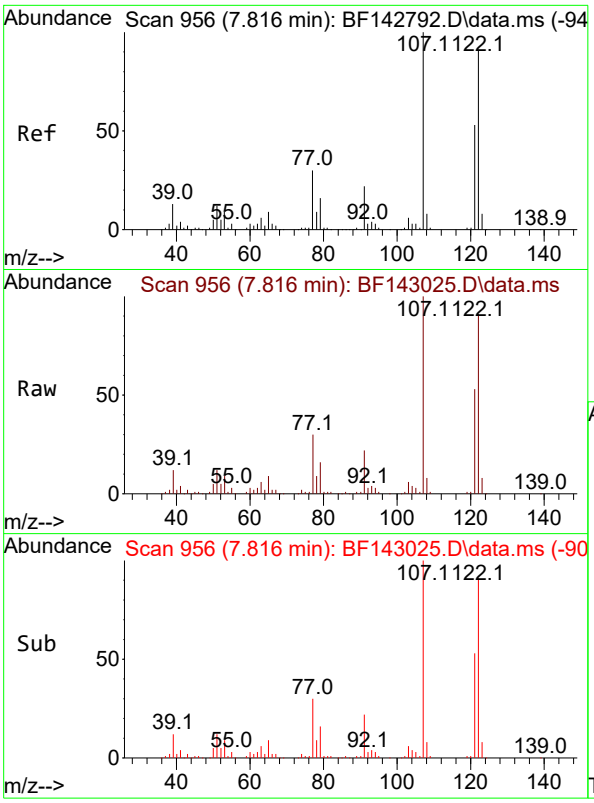


#26
2-Nitrophenol
Concen: 40.333 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:139 Resp: 93437

Ion	Ratio	Lower	Upper
139	100		
109	27.8	22.7	34.1
65	46.4	38.6	58.0



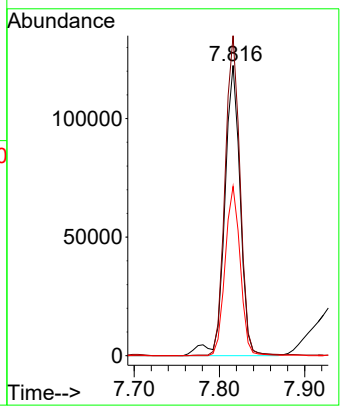


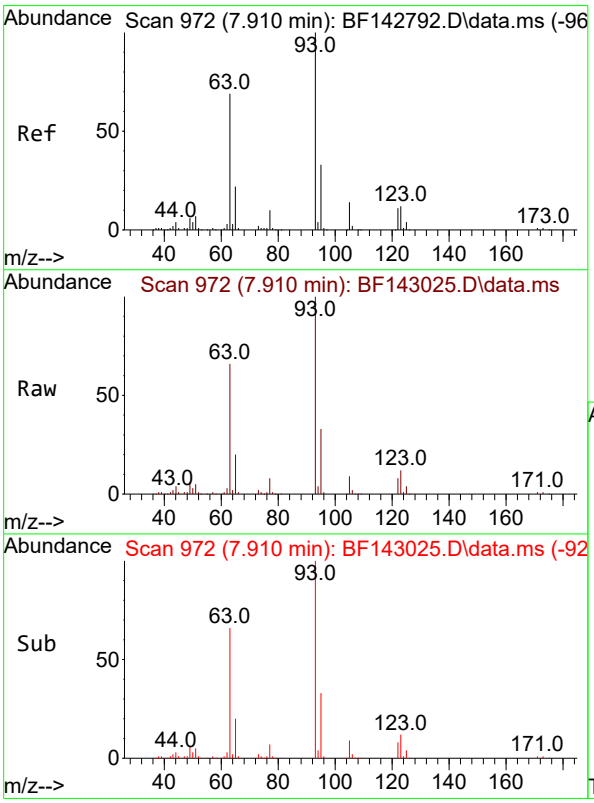
#27
2,4-Dimethylphenol
Concen: 38.666 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 155161

Ion	Ratio	Lower	Upper
122	100		
107	110.3	88.0	132.0
121	58.3	46.3	69.5

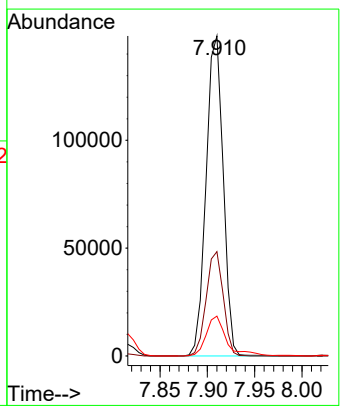


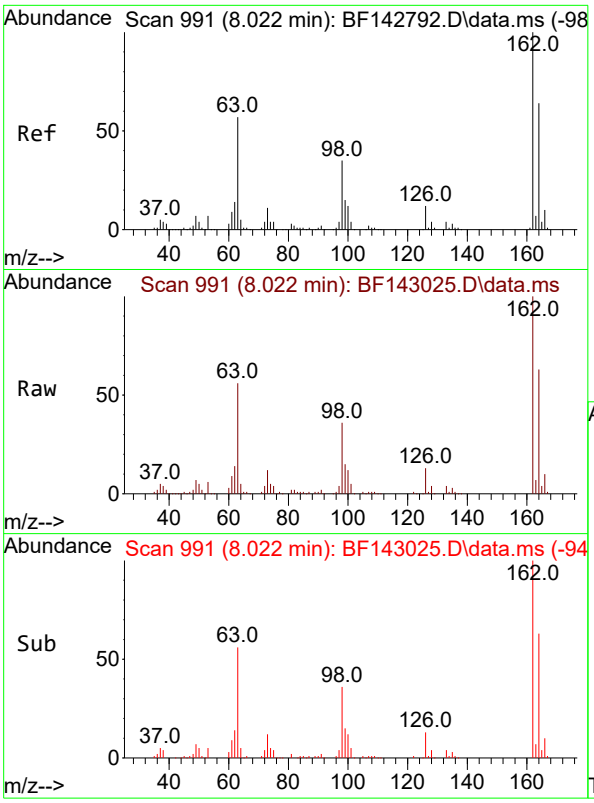


#28
bis(2-Chloroethoxy)methane
Concen: 38.878 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion: 93 Resp: 186301

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	12.4	9.9	14.9



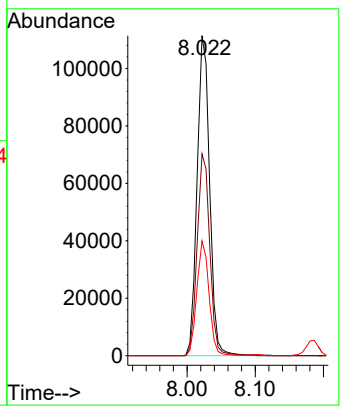


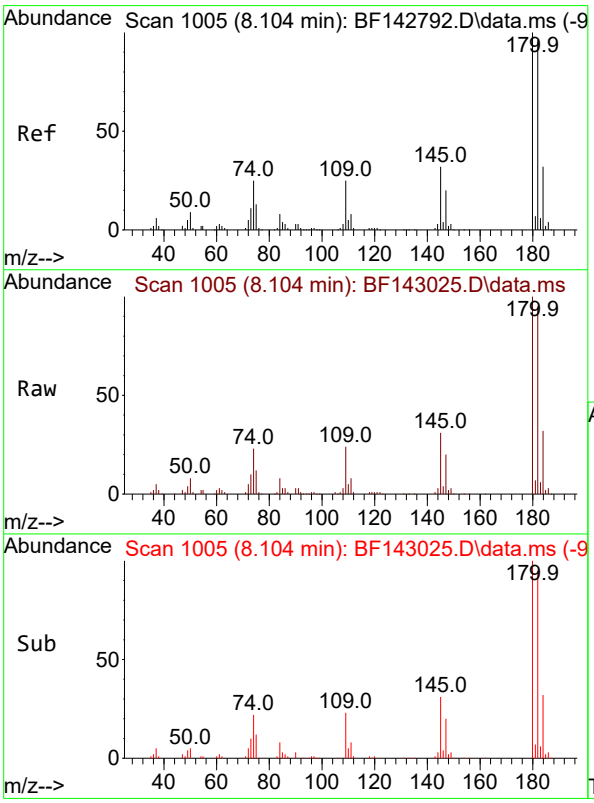
#29
2,4-Dichlorophenol
Concen: 38.983 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 141839

Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.0	84.0
98	35.9	15.4	55.4

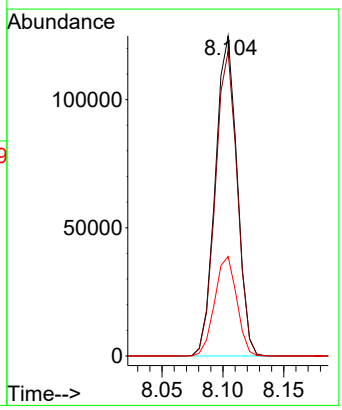


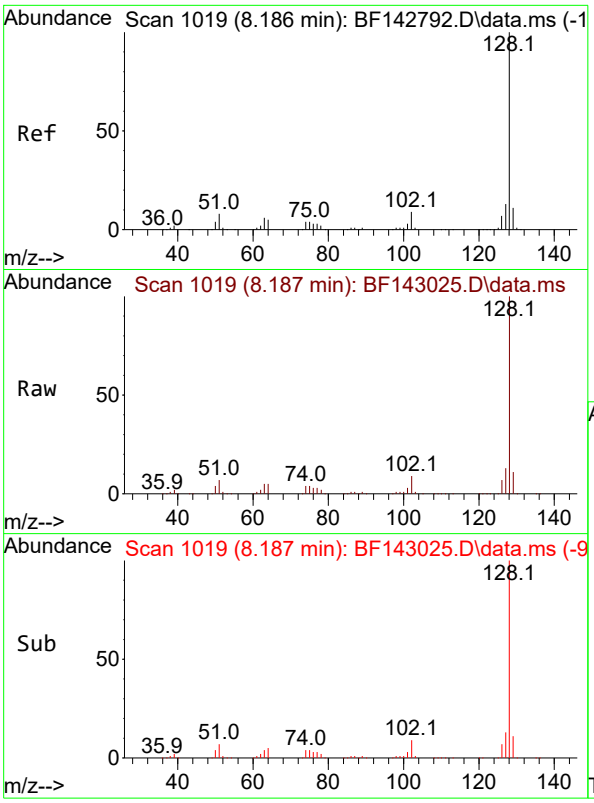


#30
1,2,4-Trichlorobenzene
Concen: 38.835 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:180 Resp: 155378

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	31.1	25.8	38.8



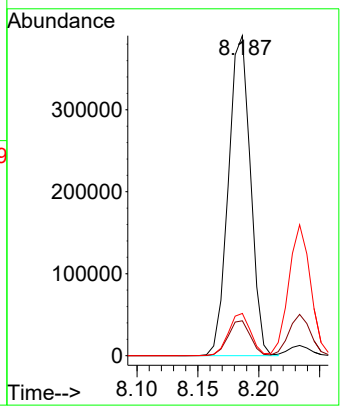


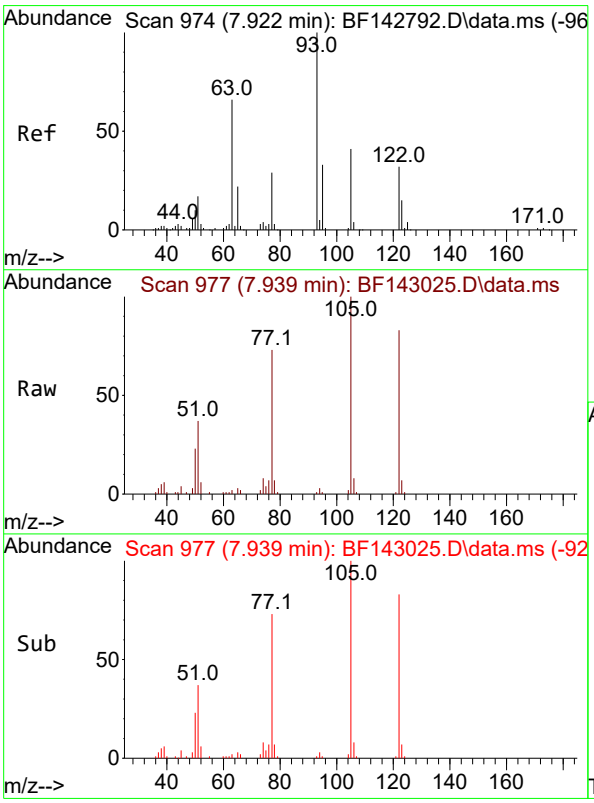
#31
Naphthalene
Concen: 38.890 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 490610

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.2	10.4	15.6

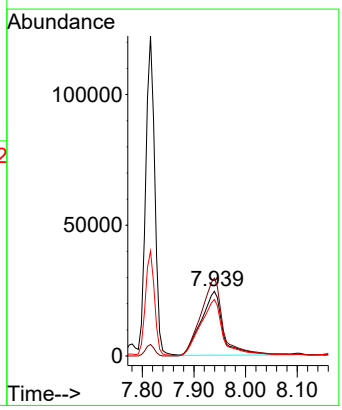


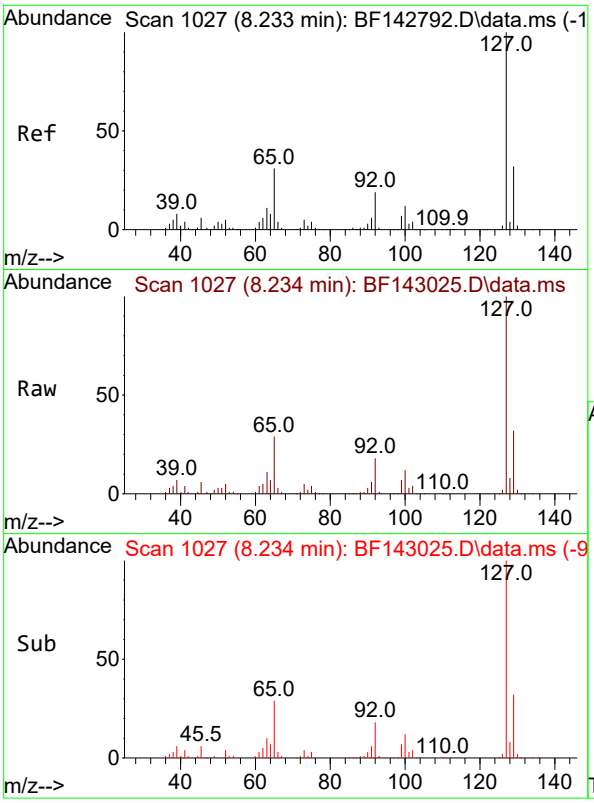


#32
Benzoic acid
Concen: 35.279 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:122 Resp: 72155

Ion	Ratio	Lower	Upper
122	100		
105	120.3	104.7	144.7
77	87.4	70.2	110.2



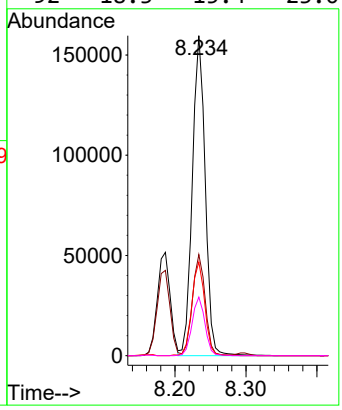


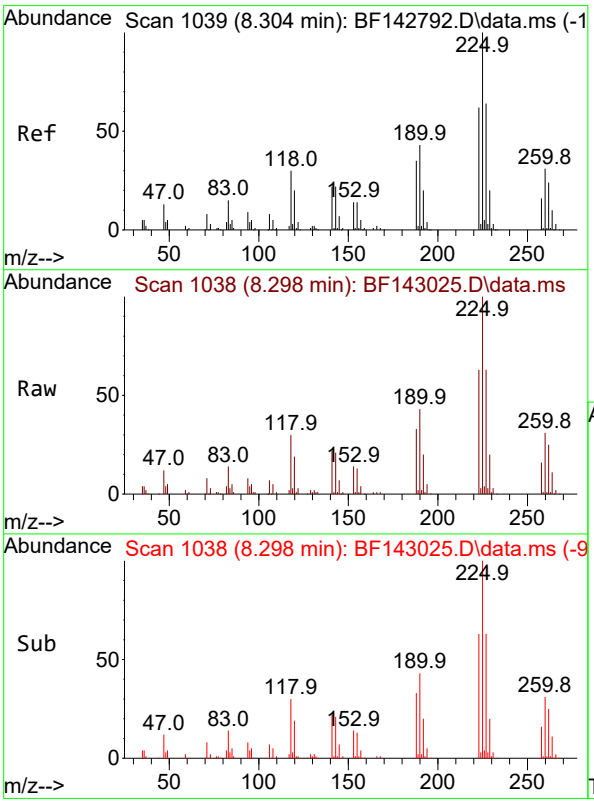
#33
4-Chloroaniline
Concen: 39.314 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 201664

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	29.3	24.6	36.8
92	18.3	15.4	23.0

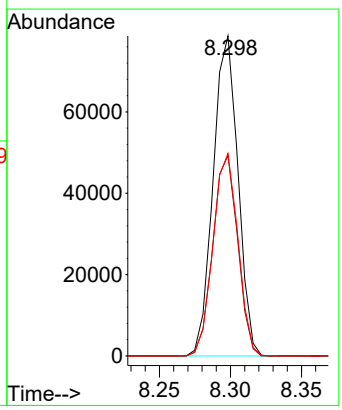


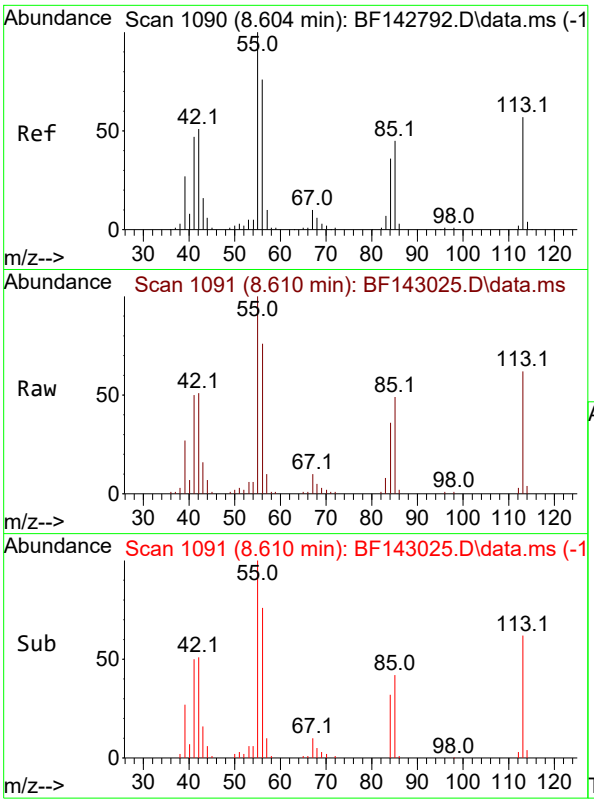


#34
Hexachlorobutadiene
Concen: 39.023 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:225 Resp: 95500

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.9	74.9
227	63.3	51.4	77.0



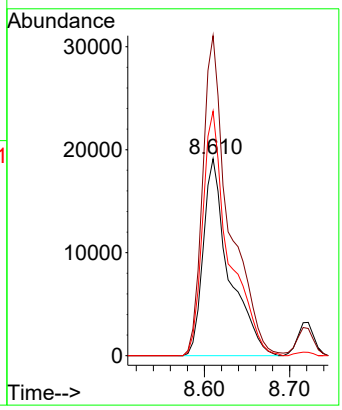


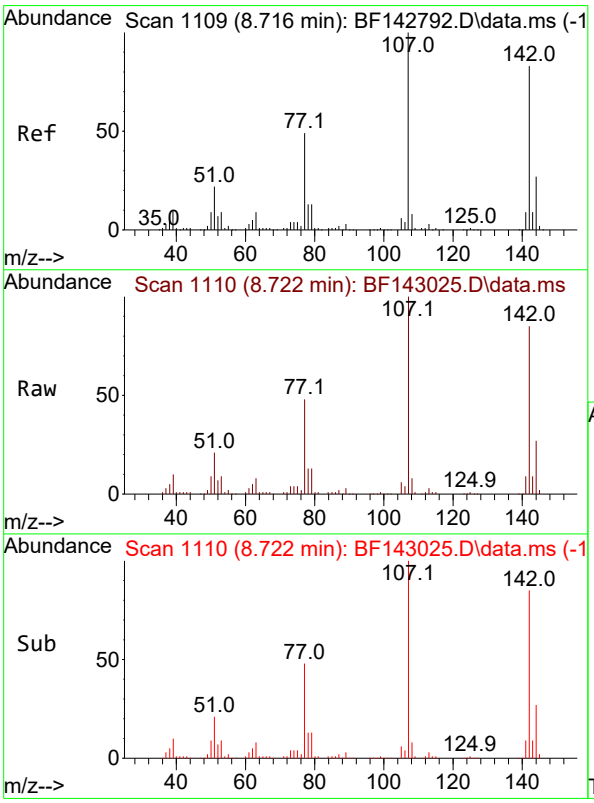
#35
Caprolactam
Concen: 41.901 ng
RT: 8.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 40230

Ion	Ratio	Lower	Upper
113	100		
55	162.4	154.4	194.4
56	124.1	112.1	152.1

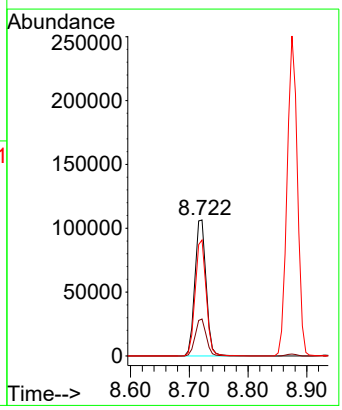


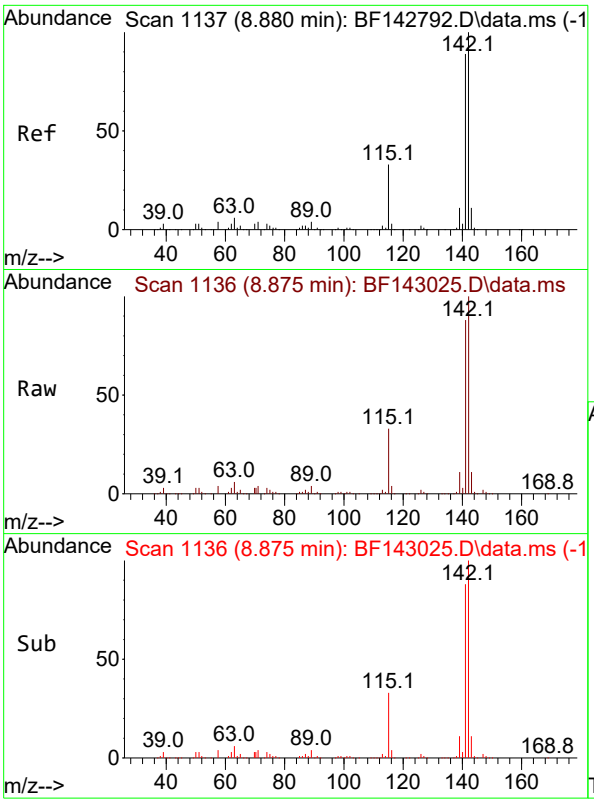


#36
4-Chloro-3-methylphenol
Concen: 39.303 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:107 Resp: 142124

Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.3	31.9
142	85.2	66.6	100.0



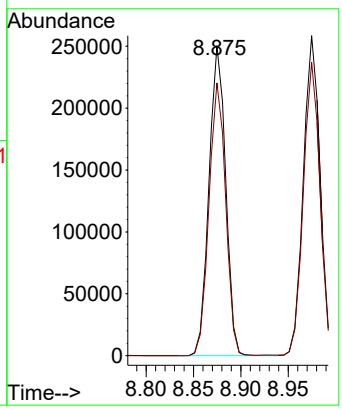


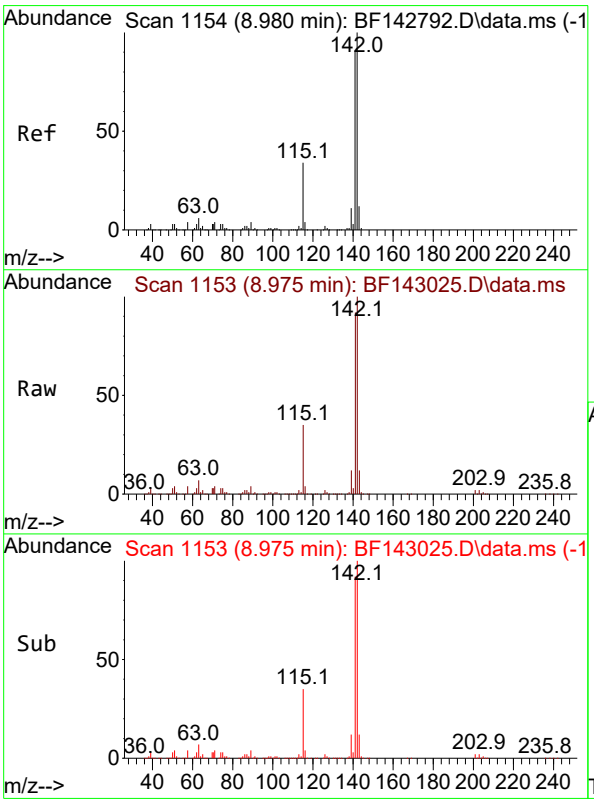
#37
2-Methylnaphthalene
Concen: 39.127 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 306009

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3

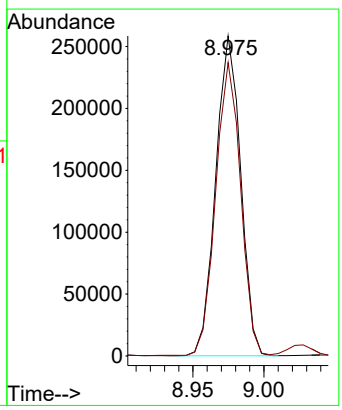


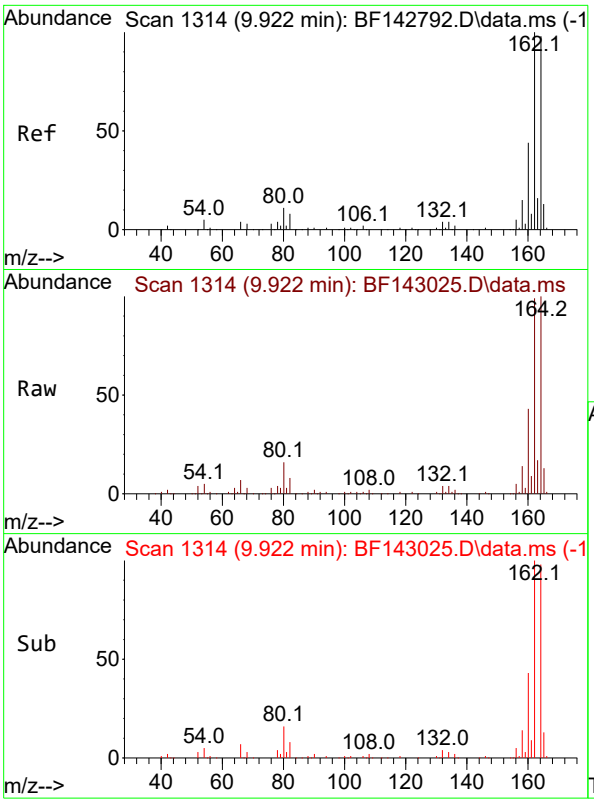


#38
1-Methylnaphthalene
Concen: 38.925 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:142 Resp: 315141

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.0	109.4



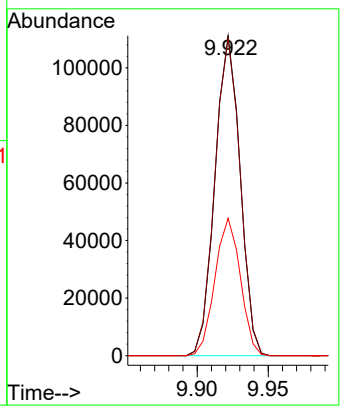


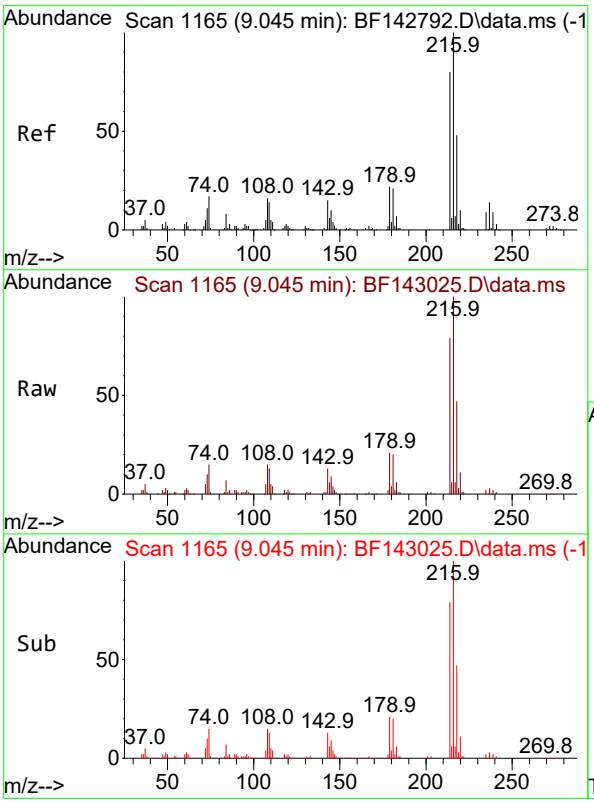
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 136330

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.8	122.8
160	43.0	36.0	54.0

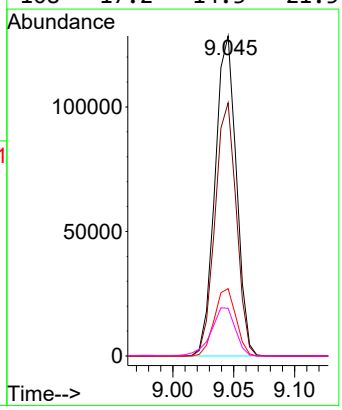


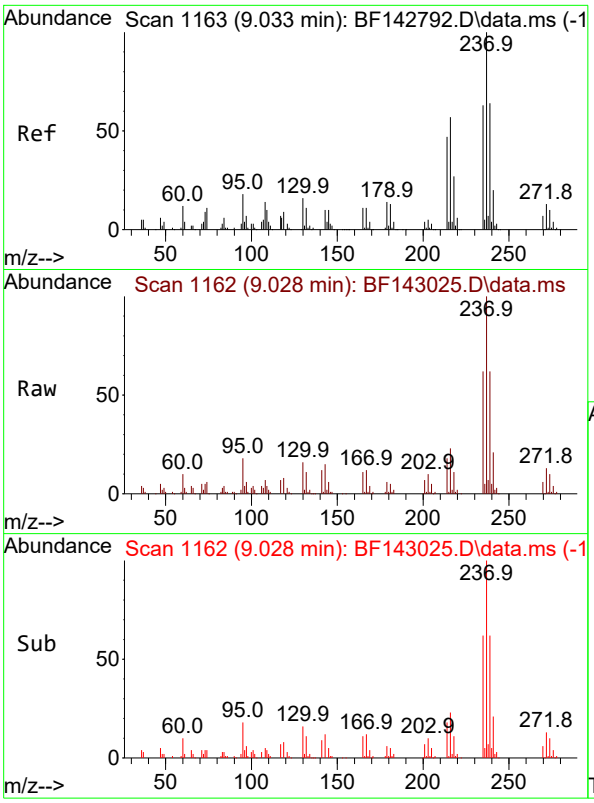


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.905 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:216 Resp: 156502

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.7	95.5
179	21.4	17.6	26.4
108	17.2	14.3	21.5



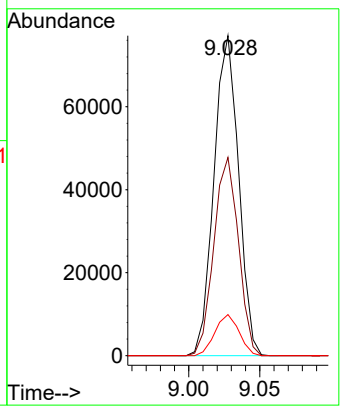


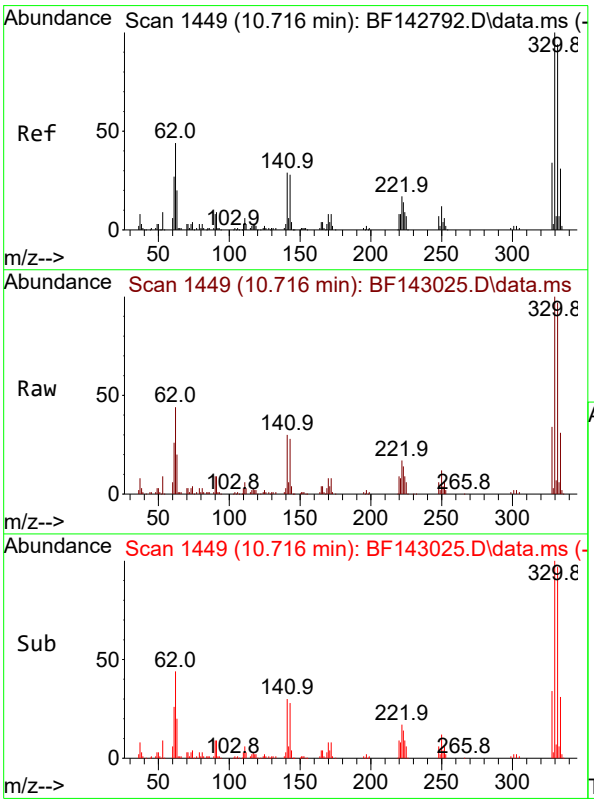
#41
Hexachlorocyclopentadiene
Concen: 40.686 ng
RT: 9.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 92877

Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.4	83.4
272	12.8	0.0	32.7

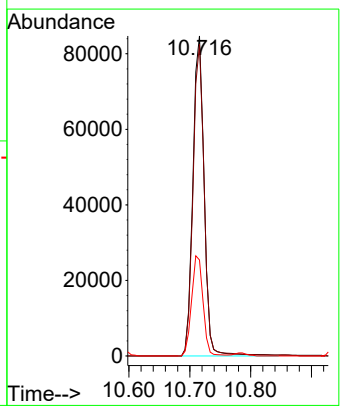


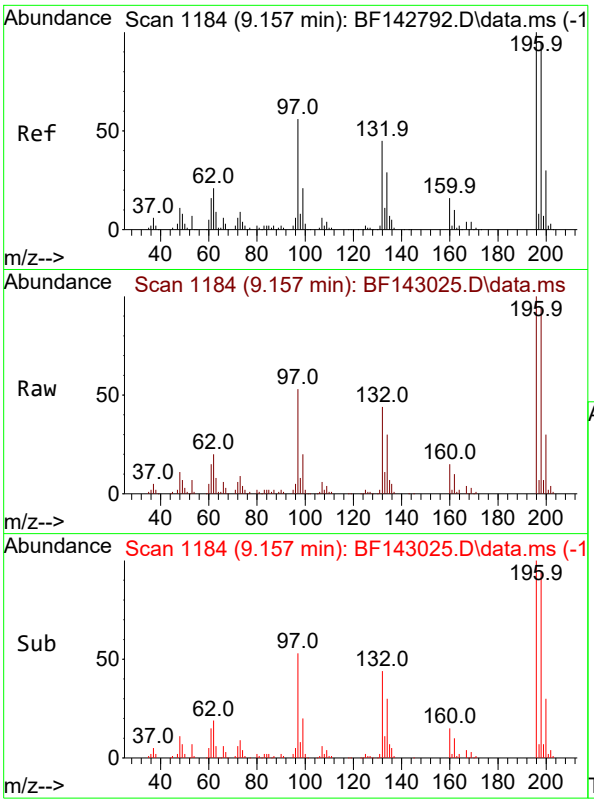


#42
2,4,6-Tribromophenol
Concen: 77.630 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:330 Resp: 108910

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.0	112.6
141	31.8	25.3	37.9



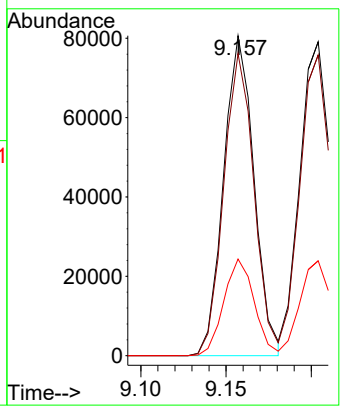


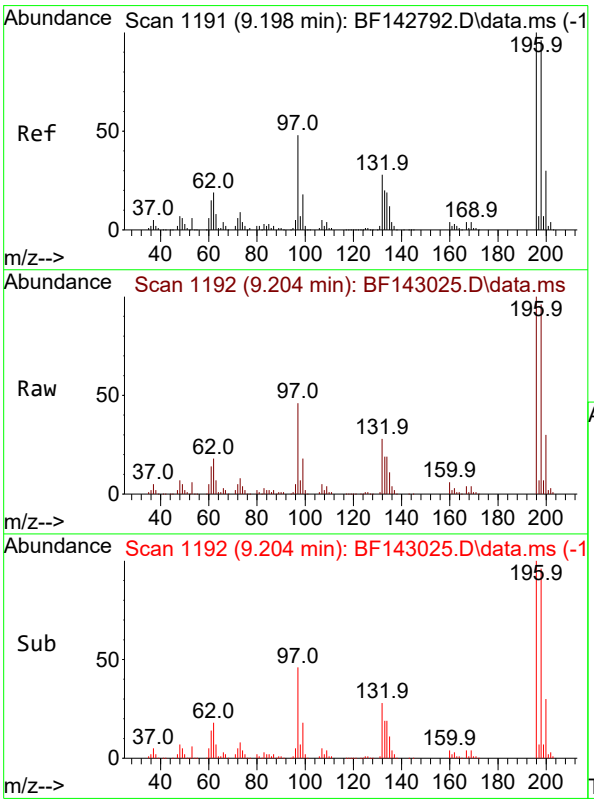
#43
2,4,6-Trichlorophenol
Concen: 38.180 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 100080

Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.2	114.2
200	30.2	24.1	36.1

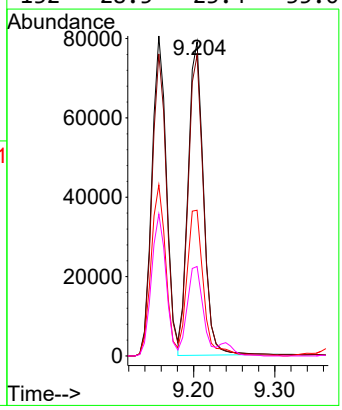


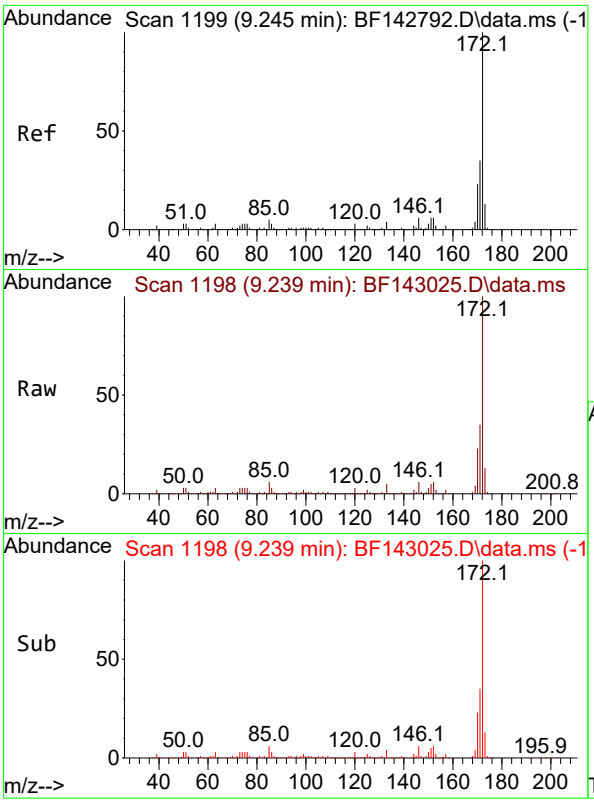


#44
2,4,5-Trichlorophenol
Concen: 37.813 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:196 Resp: 104339

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
97	46.4	38.2	57.2
132	28.5	23.4	35.0



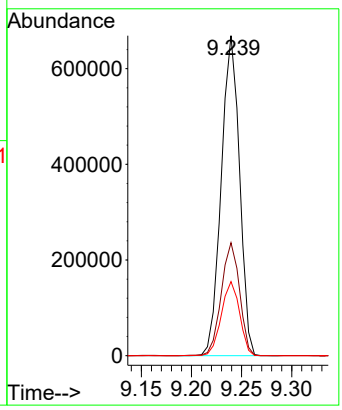


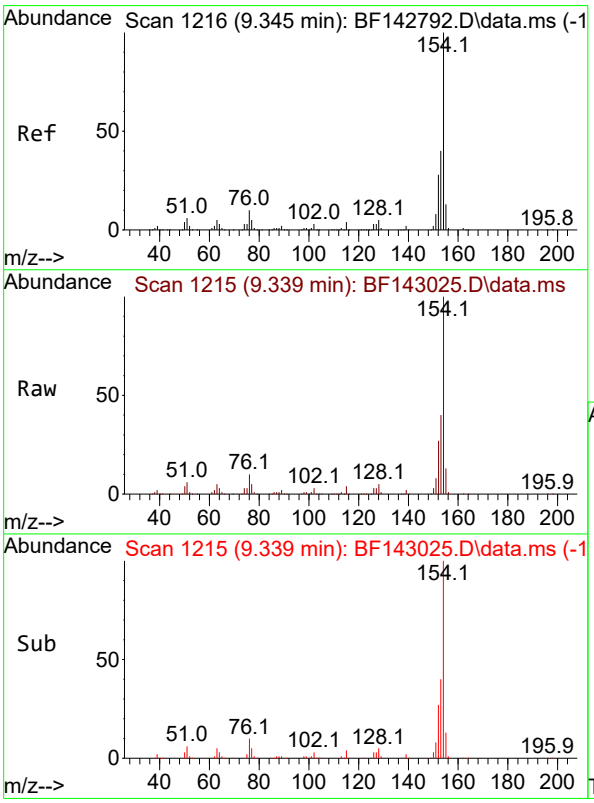
#45
2-Fluorobiphenyl
Concen: 81.561 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 846426

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.2	18.5	27.7

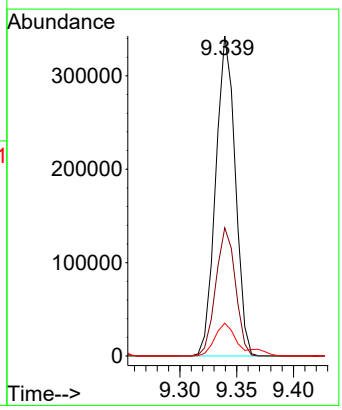


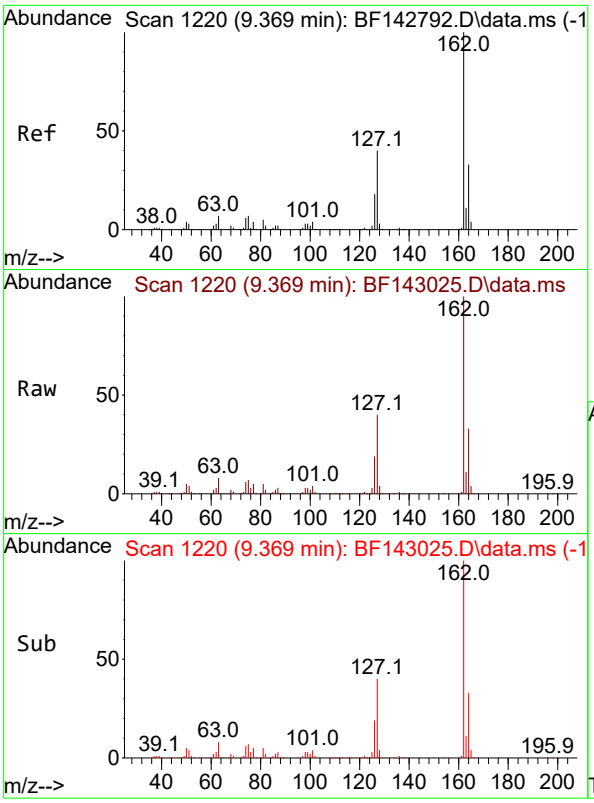


#46
1,1'-Biphenyl
Concen: 38.145 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:154 Resp: 410792

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	10.2	0.0	30.3



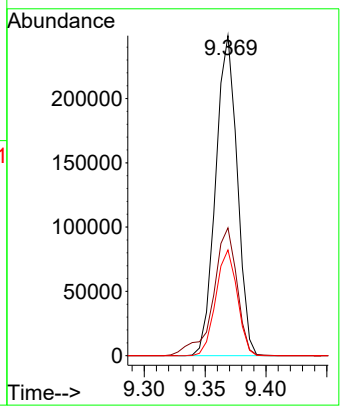


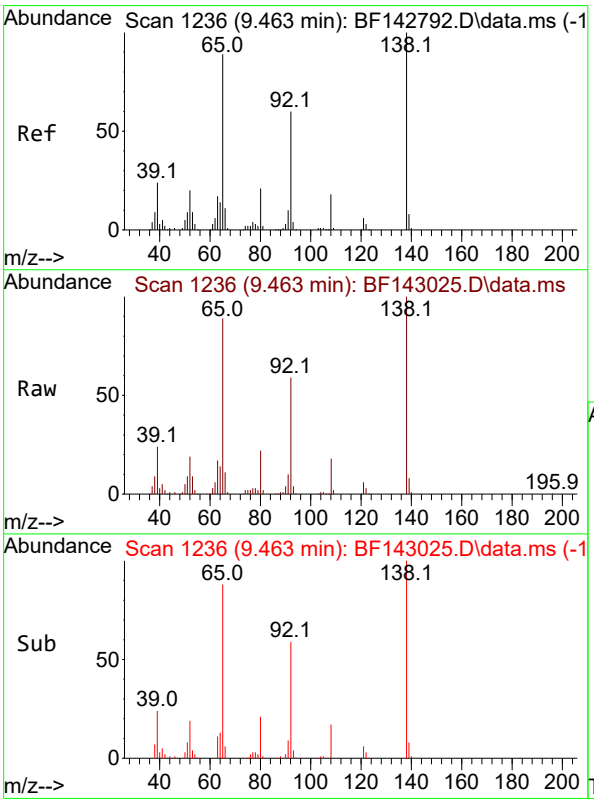
#47
2-Chloronaphthalene
Concen: 37.941 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 306622

Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.2	48.2
164	33.1	26.1	39.1

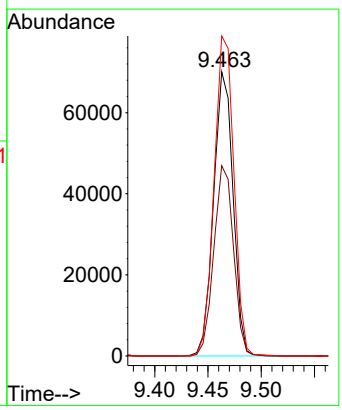


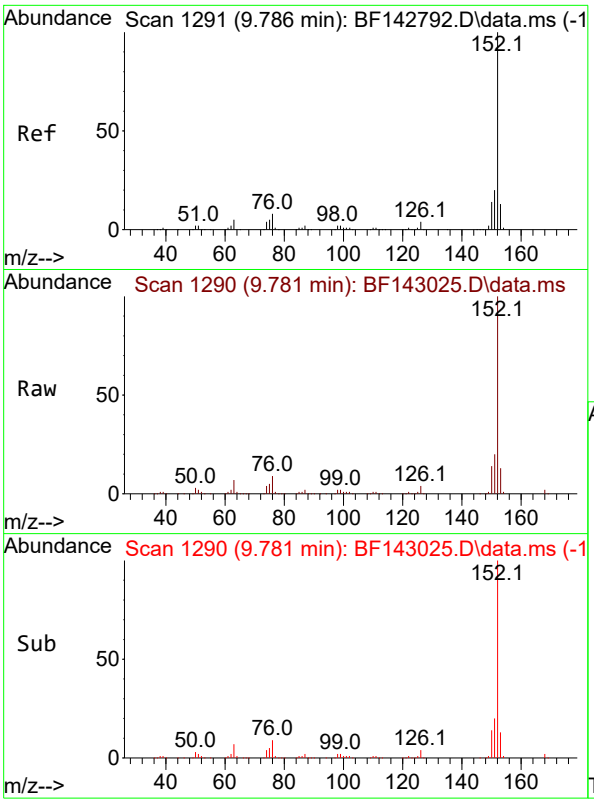


#48
2-Nitroaniline
Concen: 39.256 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion: 65 Resp: 88943

Ion	Ratio	Lower	Upper
65	100		
92	66.9	53.8	80.6
138	112.6	89.6	134.4



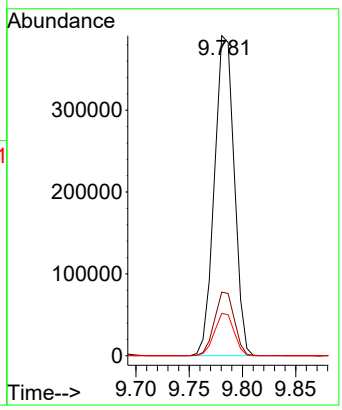


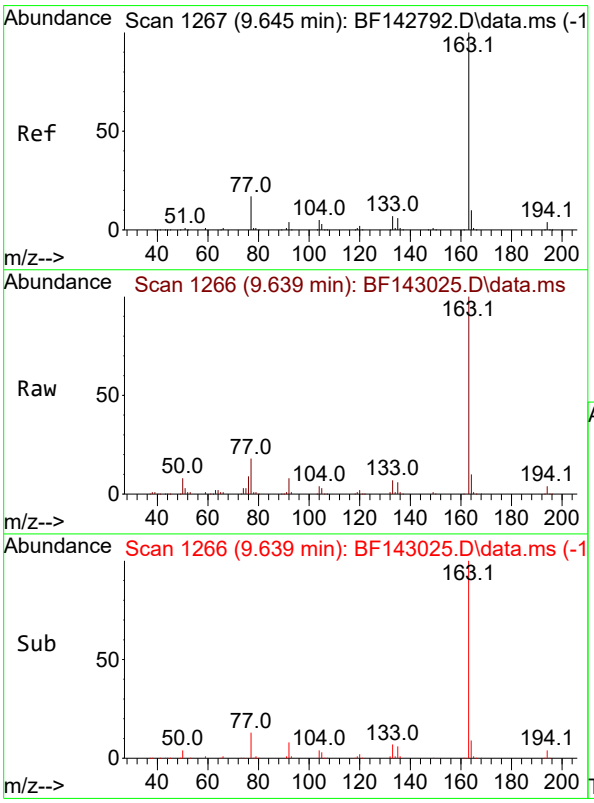
#49
Acenaphthylene
Concen: 37.997 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 505519

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.2	10.4	15.6

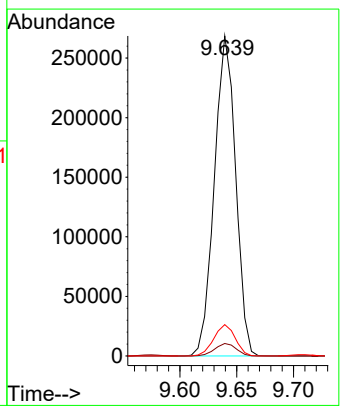


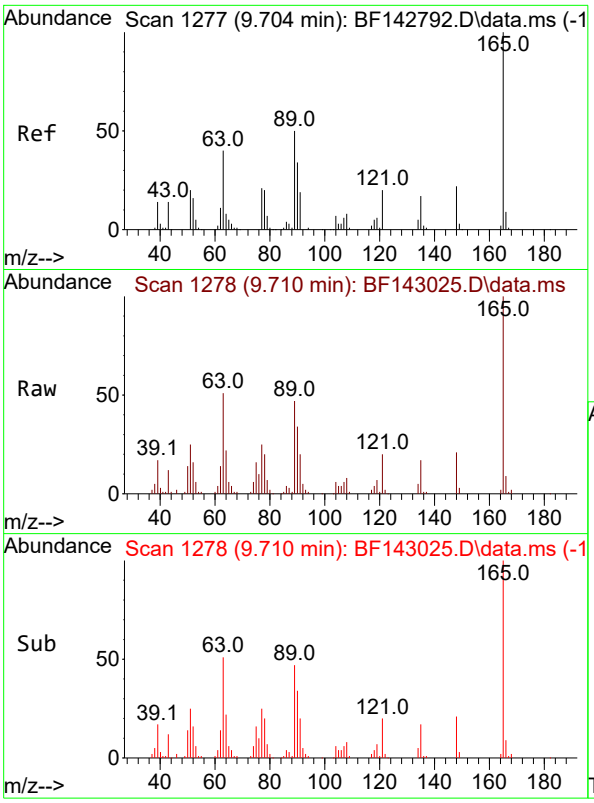


#50
Dimethylphthalate
Concen: 39.752 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:163 Resp: 350801

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.8	8.0	12.0



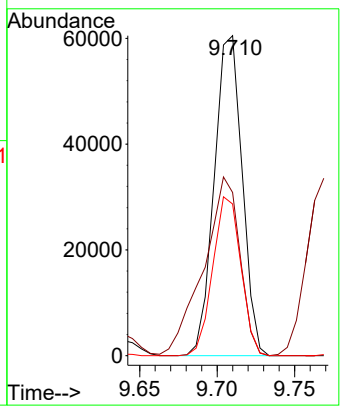


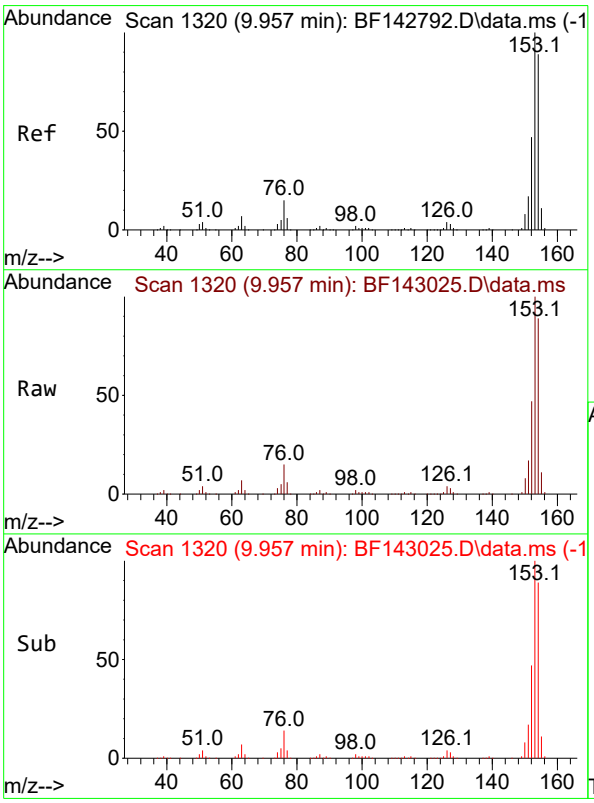
#51
2,6-Dinitrotoluene
Concen: 39.188 ng
RT: 9.710 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 75946

Ion	Ratio	Lower	Upper
165	100		
63	51.0	44.2	66.4
89	47.4	39.8	59.8

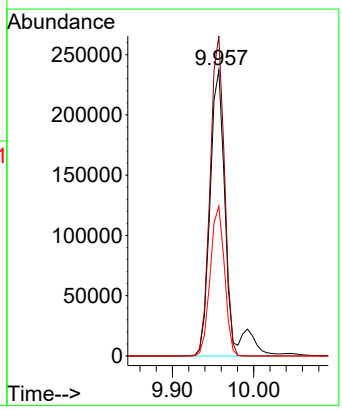


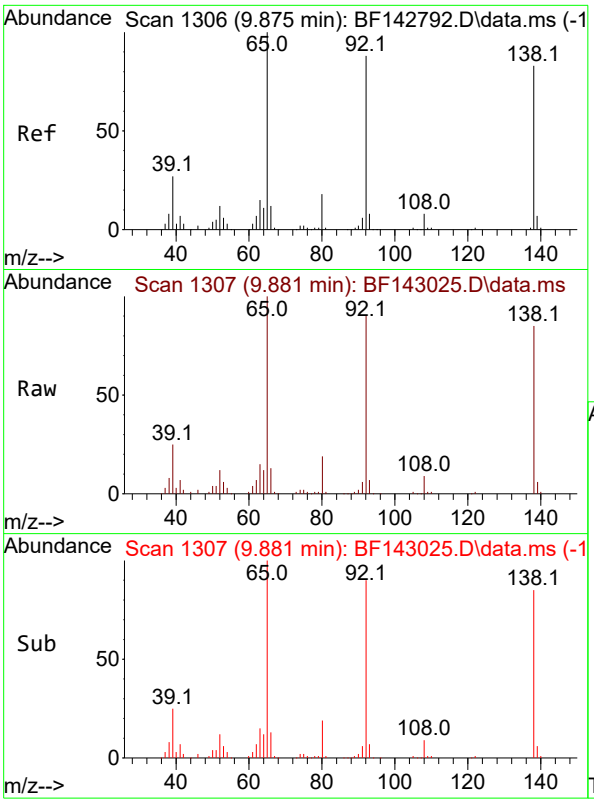


#52
Acenaphthene
Concen: 39.643 ng m
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:154 Resp: 321787

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.0	135.0
152	52.4	41.9	62.9



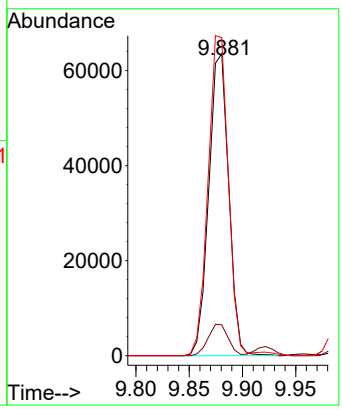


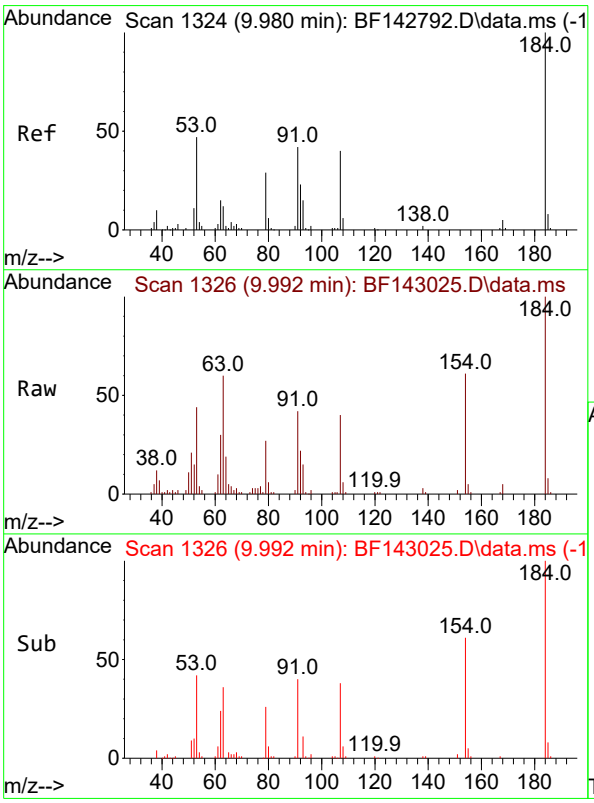
#53
3-Nitroaniline
Concen: 38.881 ng
RT: 9.881 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 82962

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.1	12.1
92	105.3	85.1	127.7

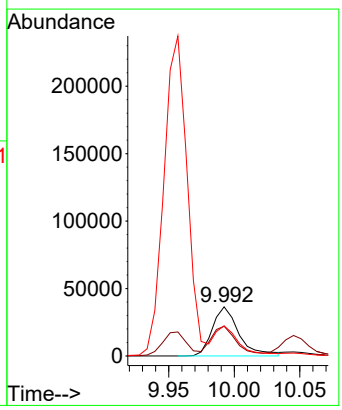


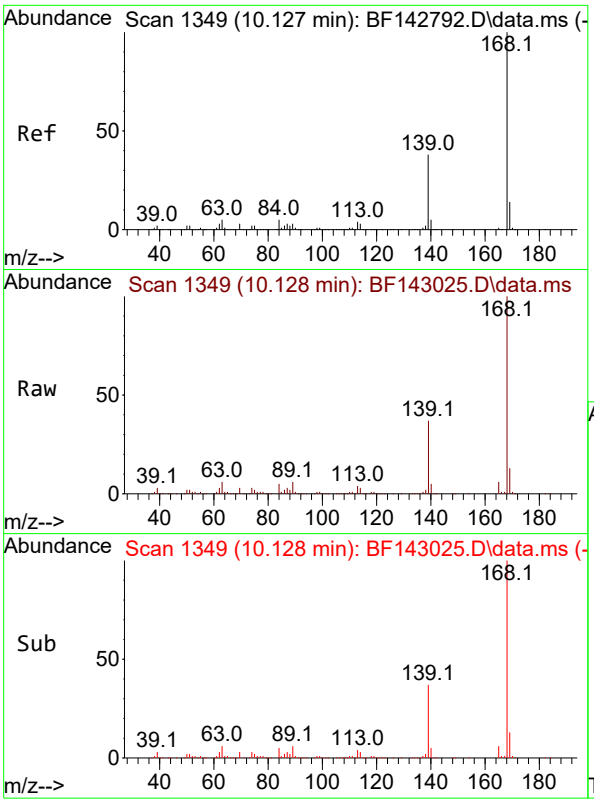


#54
2,4-Dinitrophenol
Concen: 52.757 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:184 Resp: 51195

Ion	Ratio	Lower	Upper
184	100		
63	60.4	50.6	75.8
154	61.1	51.8	77.8



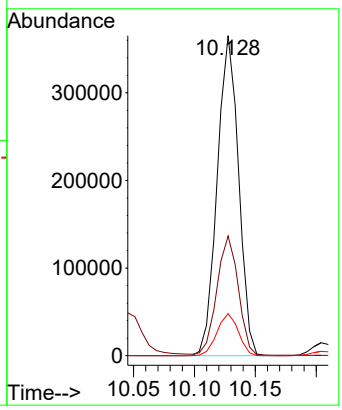


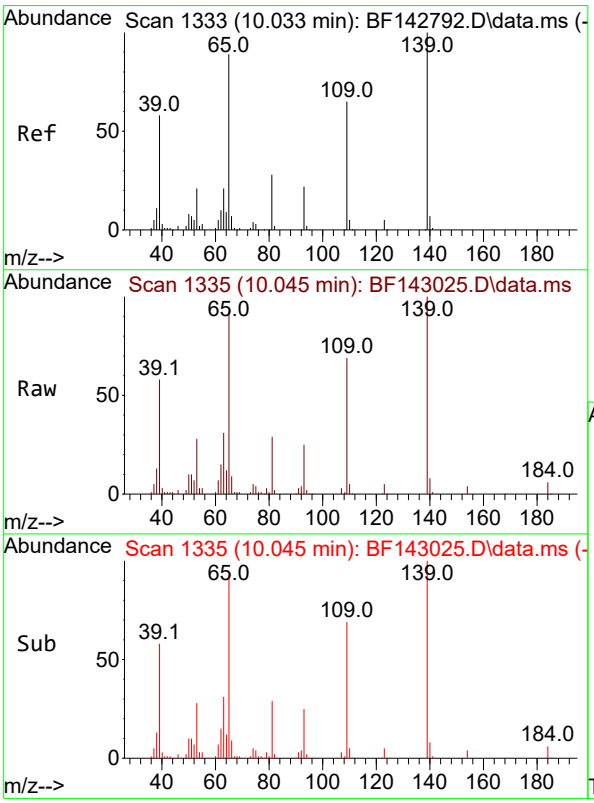
#55
Dibenzofuran
Concen: 38.268 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 445423

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.2	45.4
169	13.2	10.8	16.2

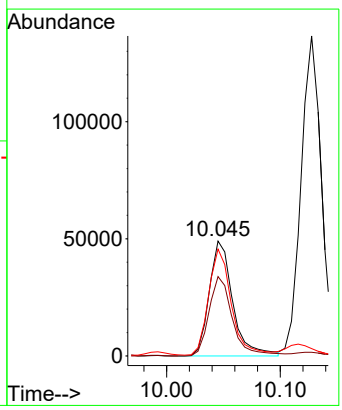


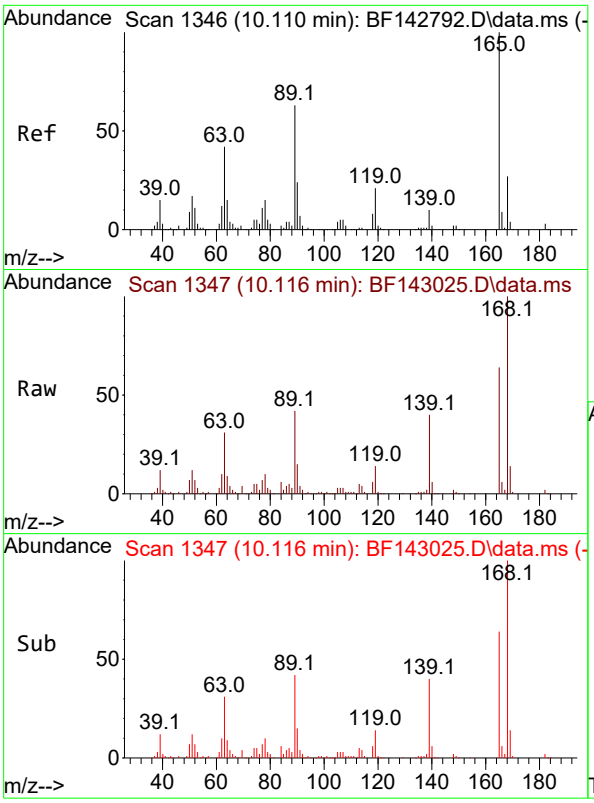


#56
4-Nitrophenol
Concen: 48.300 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:139 Resp: 70555

Ion	Ratio	Lower	Upper
139	100		
109	69.1	44.7	84.7
65	93.1	69.8	109.8



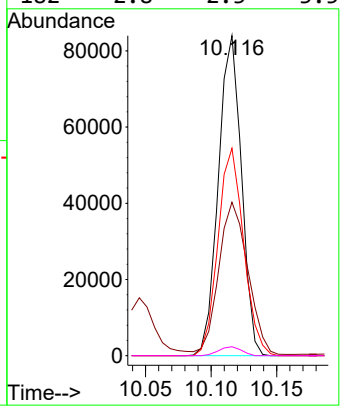


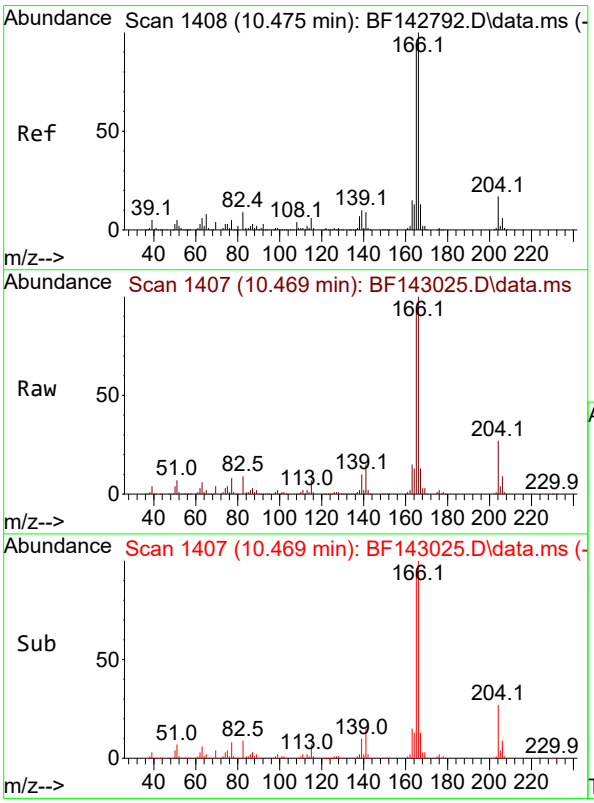
#57
2,4-Dinitrotoluene
Concen: 39.860 ng
RT: 10.116 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 102608

Ion	Ratio	Lower	Upper
165	100		
63	48.0	33.9	50.9
89	64.8	50.6	75.8
182	2.8	2.3	3.5

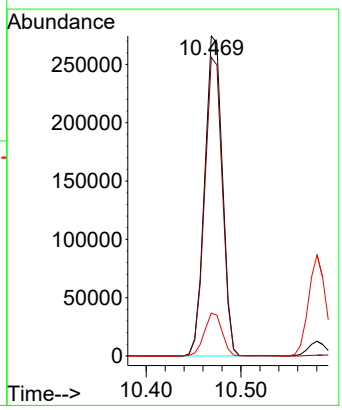


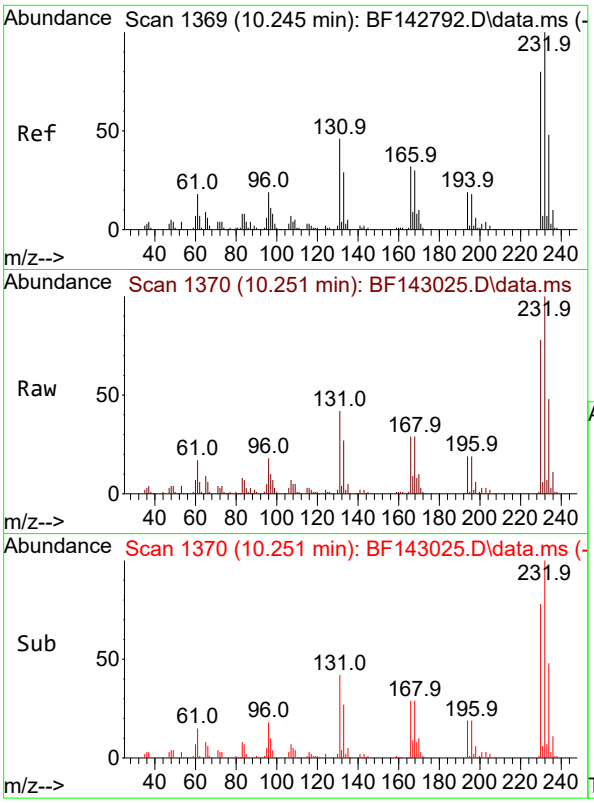


#58
Fluorene
Concen: 39.038 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:166 Resp: 354875

Ion	Ratio	Lower	Upper
166	100		
165	93.3	75.2	112.8
167	13.4	10.6	15.8



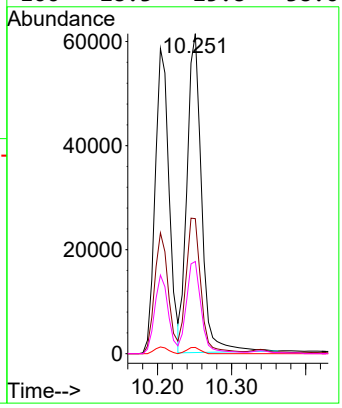


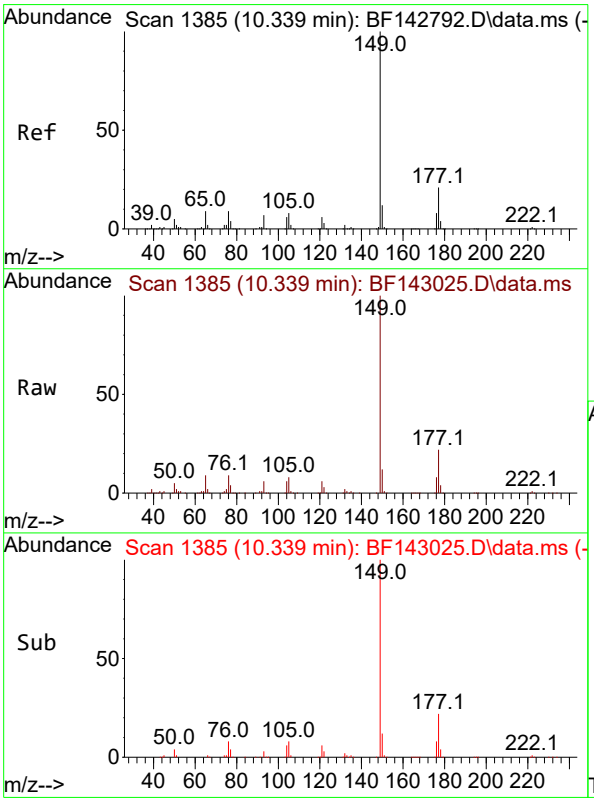
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.618 ng
RT: 10.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 83670

Ion	Ratio	Lower	Upper
232	100		
131	43.0	37.6	56.4
130	1.8	1.7	2.5
166	28.3	25.8	38.6

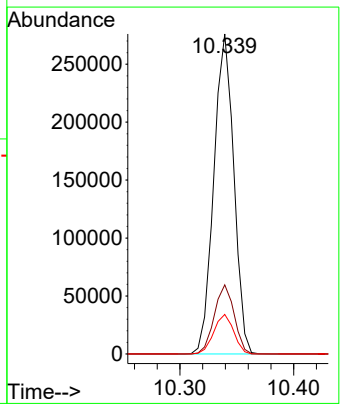


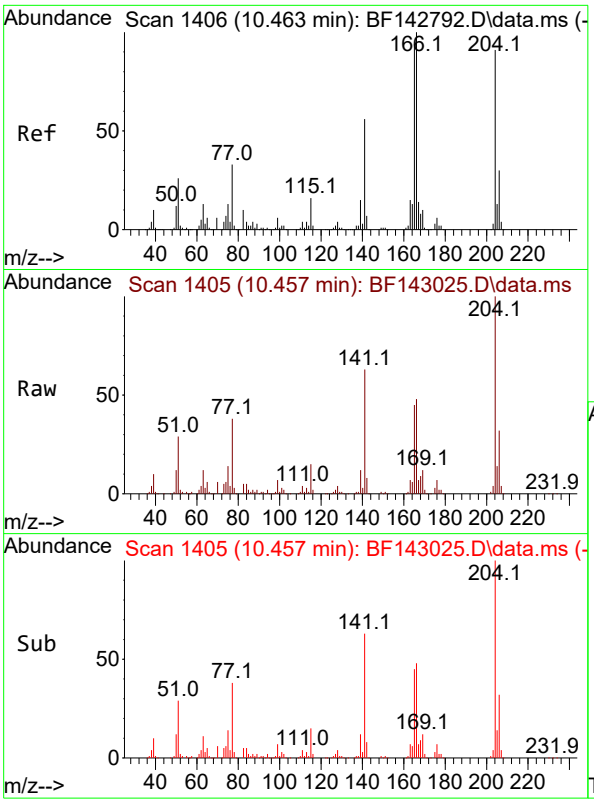


#60
Diethylphthalate
Concen: 39.111 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:149 Resp: 338403

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.4	9.8	14.6



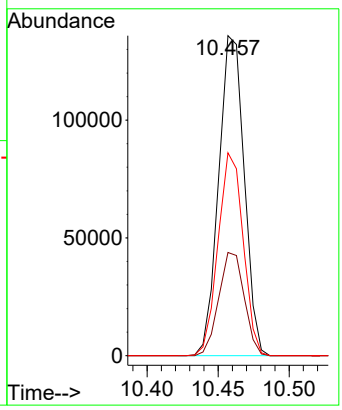


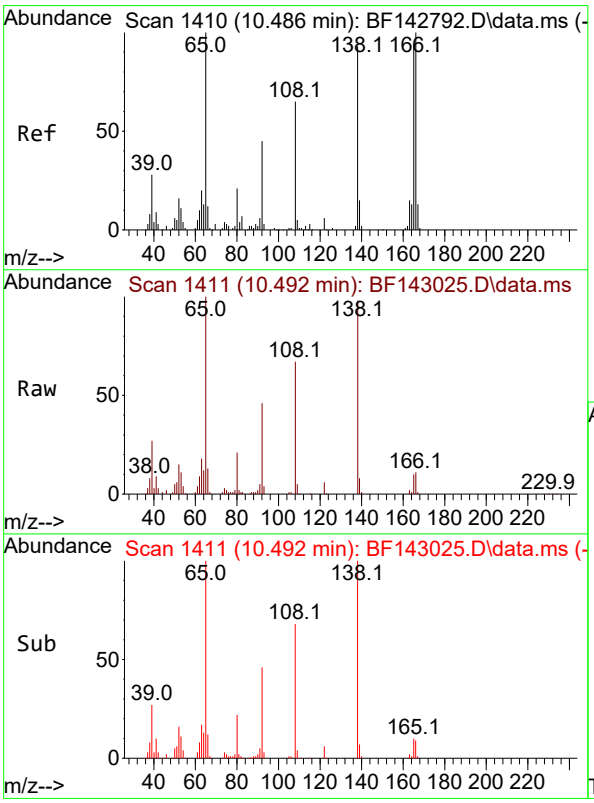
#61
4-Chlorophenyl-phenylether
Concen: 39.156 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 169854

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	63.4	49.1	73.7

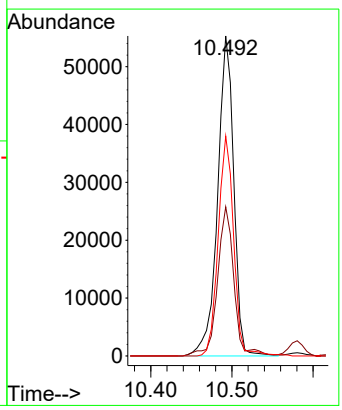


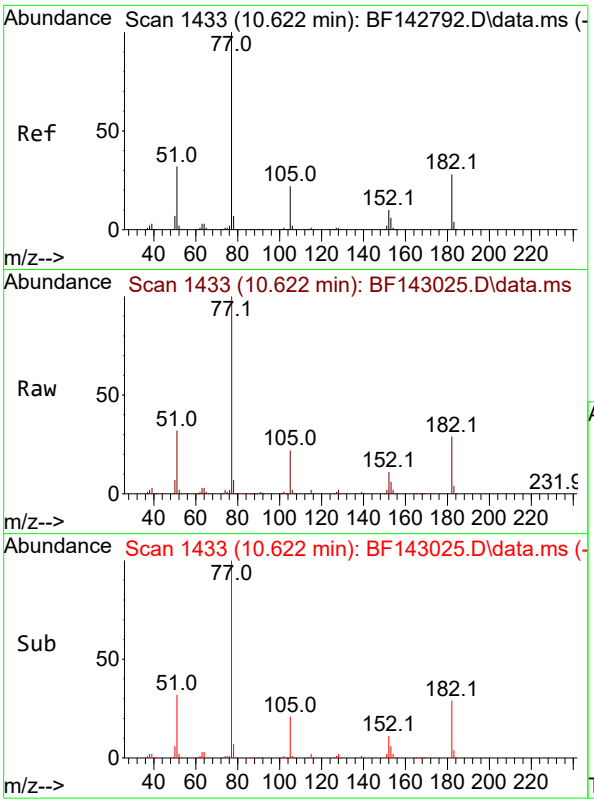


#62
4-Nitroaniline
Concen: 39.365 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:138 Resp: 76818

Ion	Ratio	Lower	Upper
138	100		
92	46.6	28.4	68.4
108	68.7	50.2	90.2



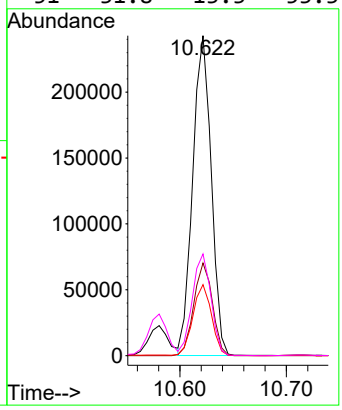


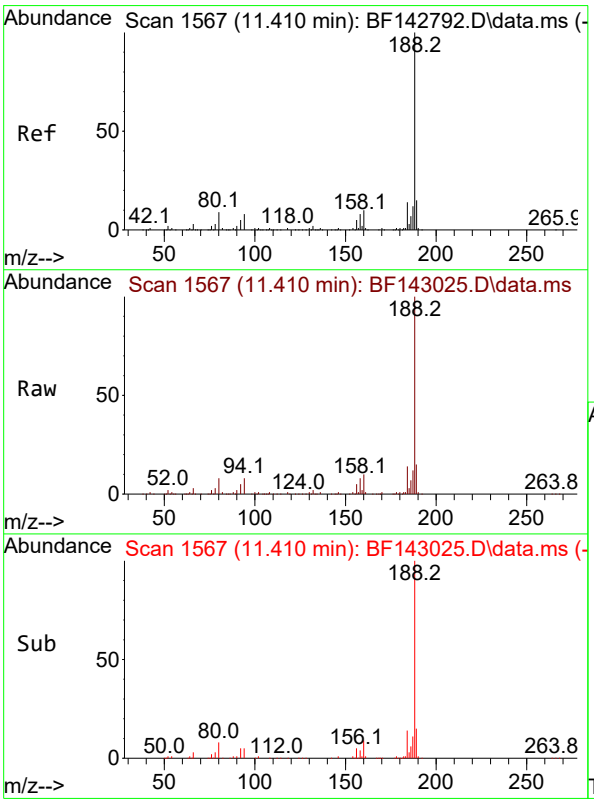
#63
Azobenzene
Concen: 37.977 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 293688

Ion	Ratio	Lower	Upper
77	100		
182	28.9	7.7	47.7
105	22.2	1.9	41.9
51	31.8	13.3	53.3

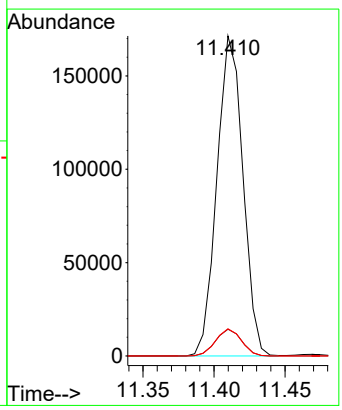


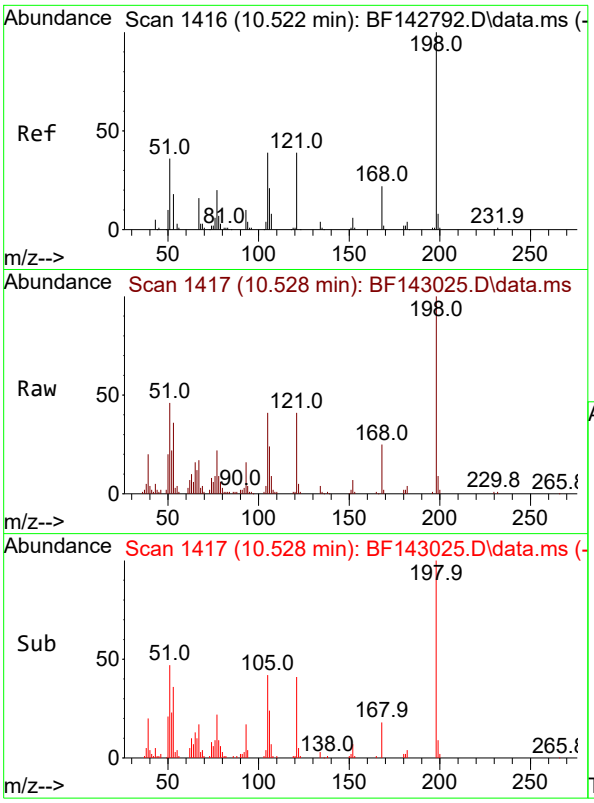


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:188 Resp: 218169

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.5	6.9	10.3



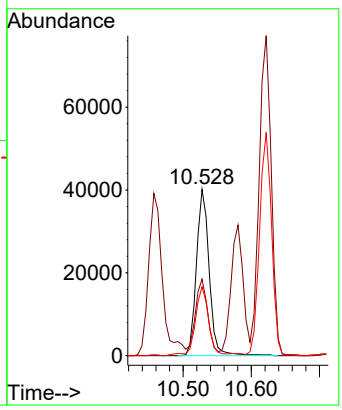


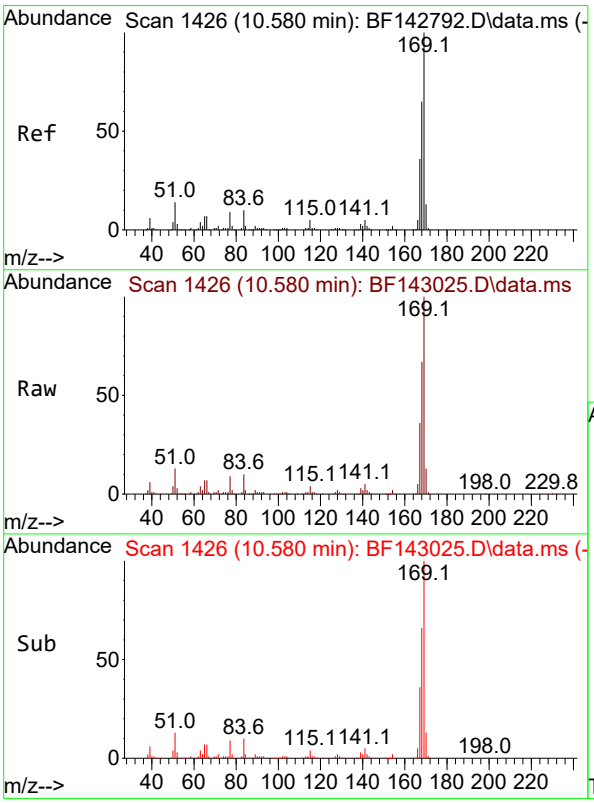
#65
4,6-Dinitro-2-methylphenol
Concen: 39.580 ng
RT: 10.528 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 52231

Ion	Ratio	Lower	Upper
198	100		
51	46.0	25.4	65.4
105	41.4	20.4	60.4

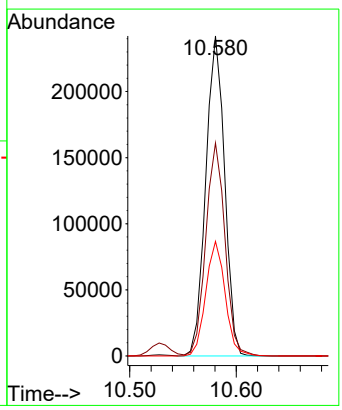


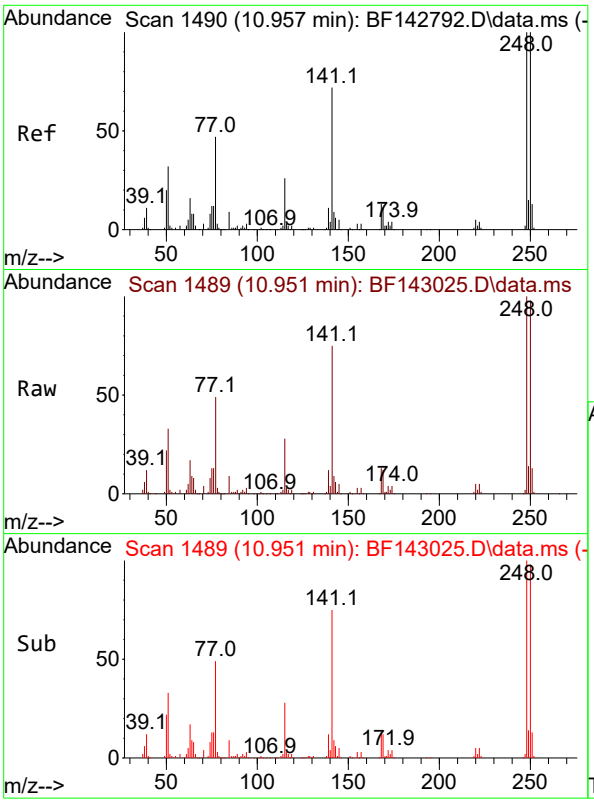


#66
n-Nitrosodiphenylamine
Concen: 39.436 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:169 Resp: 298183

Ion	Ratio	Lower	Upper
169	100		
168	66.6	51.9	77.9
167	35.8	28.5	42.7



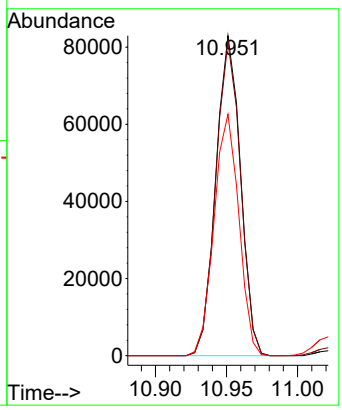


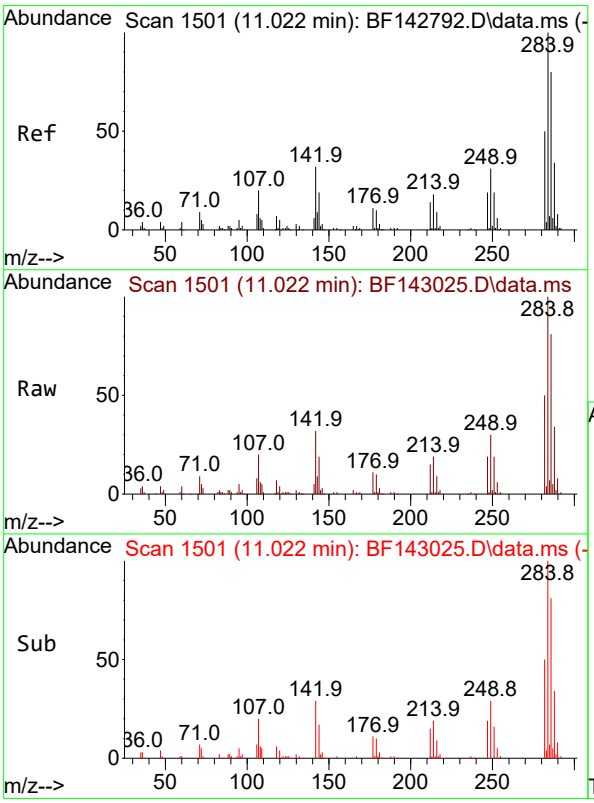
#67
4-Bromophenyl-phenylether
Concen: 40.413 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 100343

Ion	Ratio	Lower	Upper
248	100		
250	98.1	79.8	119.8
141	75.5	57.8	86.6

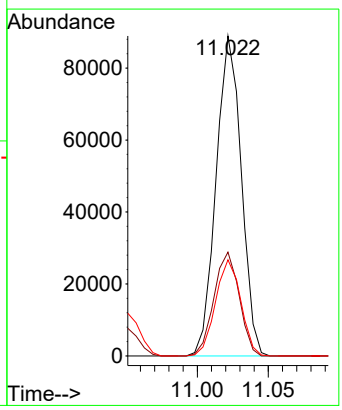


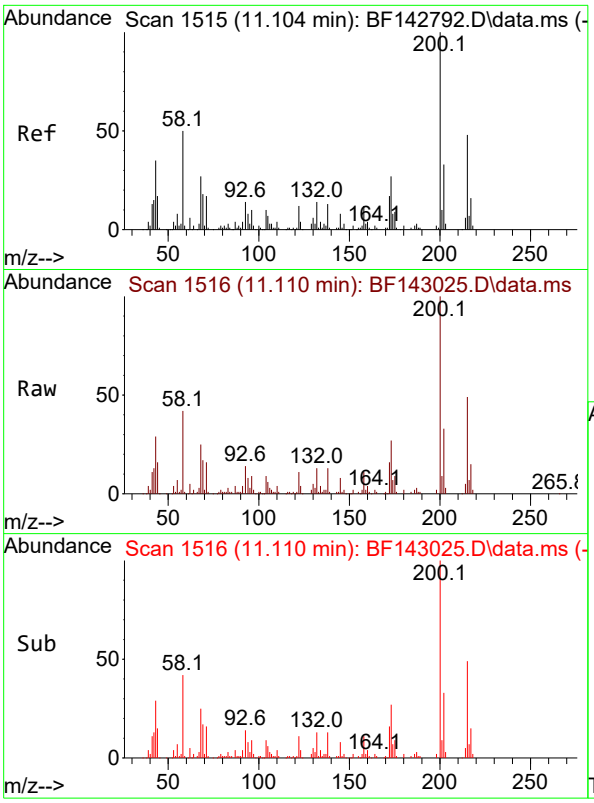


#68
Hexachlorobenzene
Concen: 39.689 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:284 Resp: 109501

Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.5	38.3
249	30.0	24.9	37.3



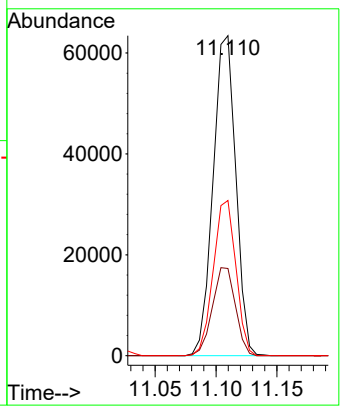


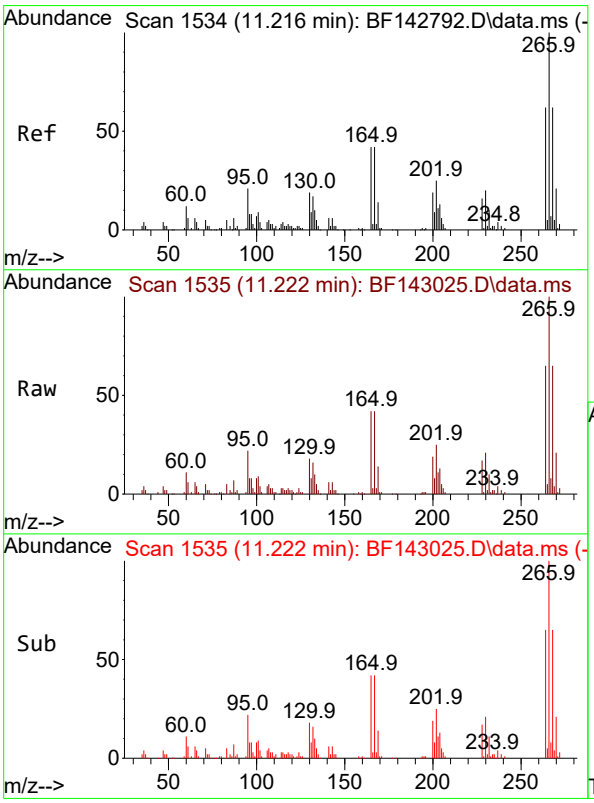
#69
Atrazine
Concen: 42.266 ng
RT: 11.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 82526

Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.4	47.4
215	48.5	28.4	68.4

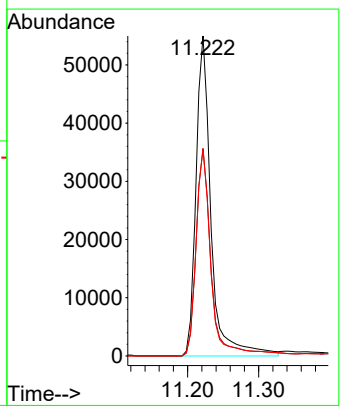


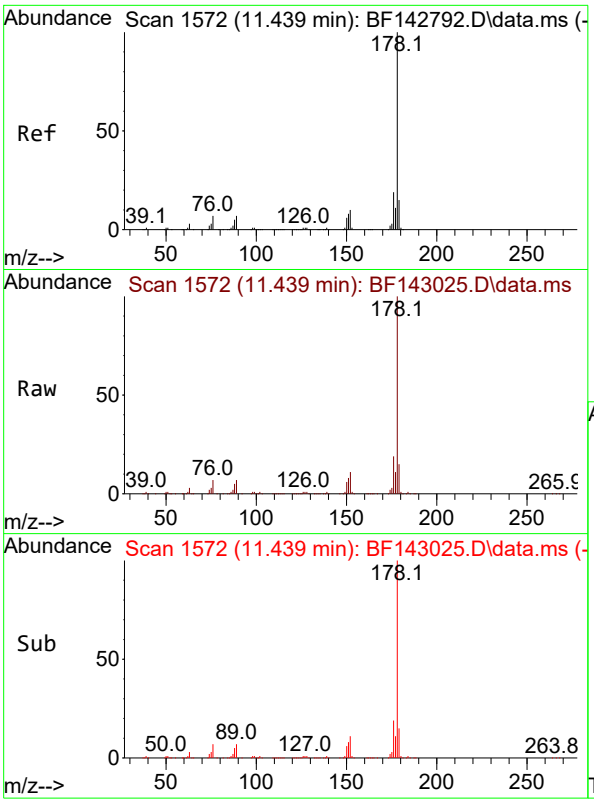


#70
Pentachlorophenol
Concen: 58.845 ng
RT: 11.222 min Scan# 1535
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:266 Resp: 80900

Ion	Ratio	Lower	Upper
266	100		
268	64.8	49.8	74.8
264	64.7	49.9	74.9



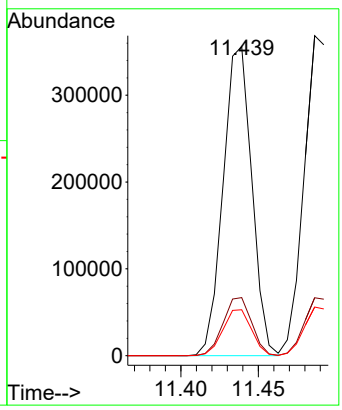


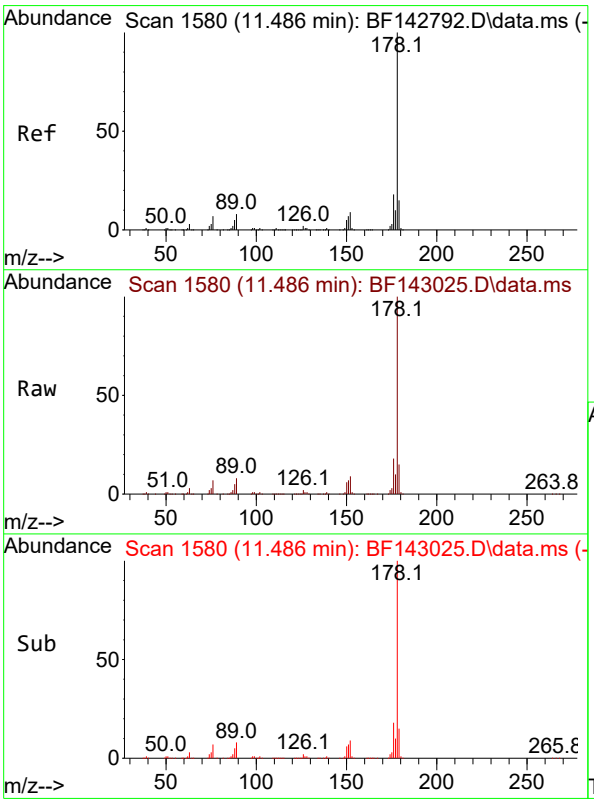
#71
Phenanthrene
Concen: 38.822 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 458805

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	14.9	12.0	18.0

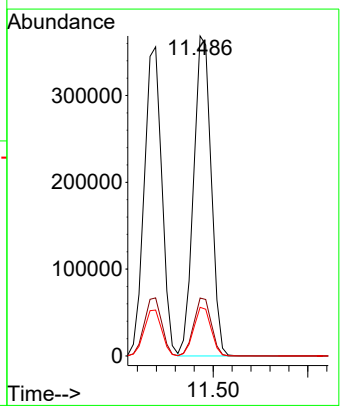


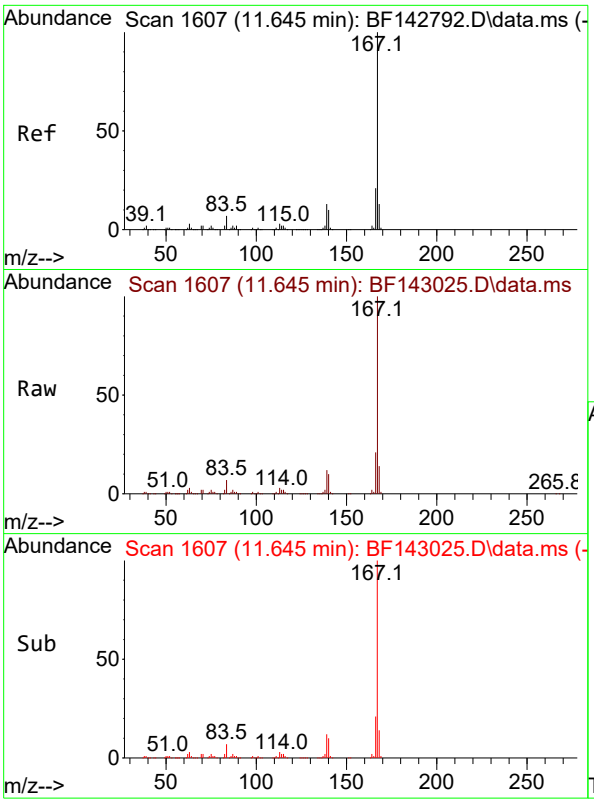


#72
Anthracene
Concen: 39.196 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:178 Resp: 475083

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.2	12.4	18.6



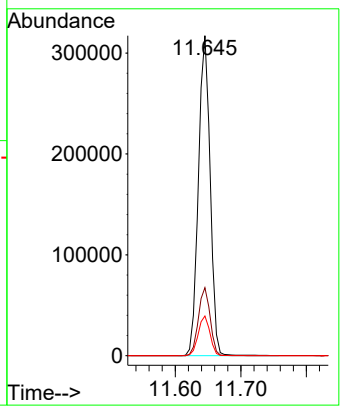


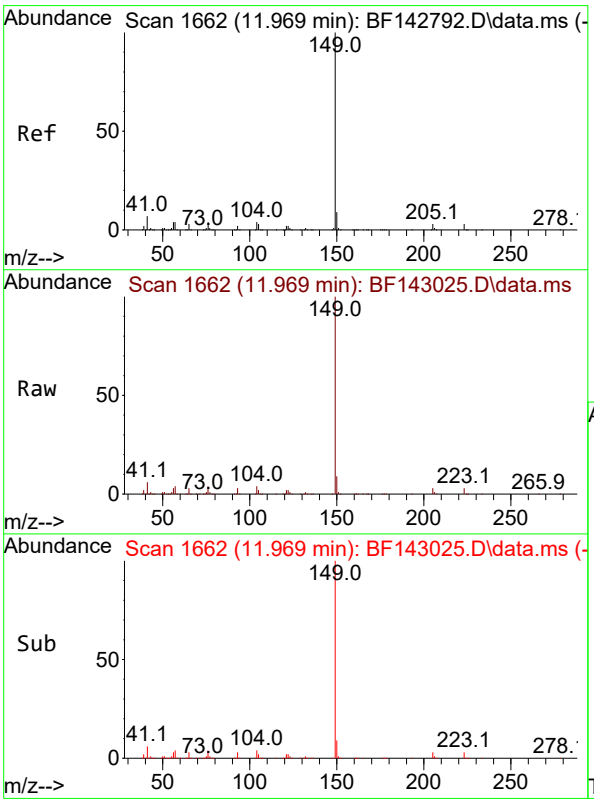
#73
Carbazole
Concen: 37.887 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 396286

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	12.4	10.2	15.2

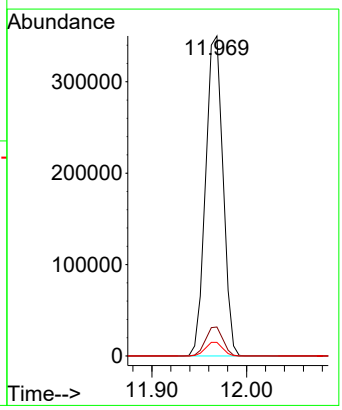


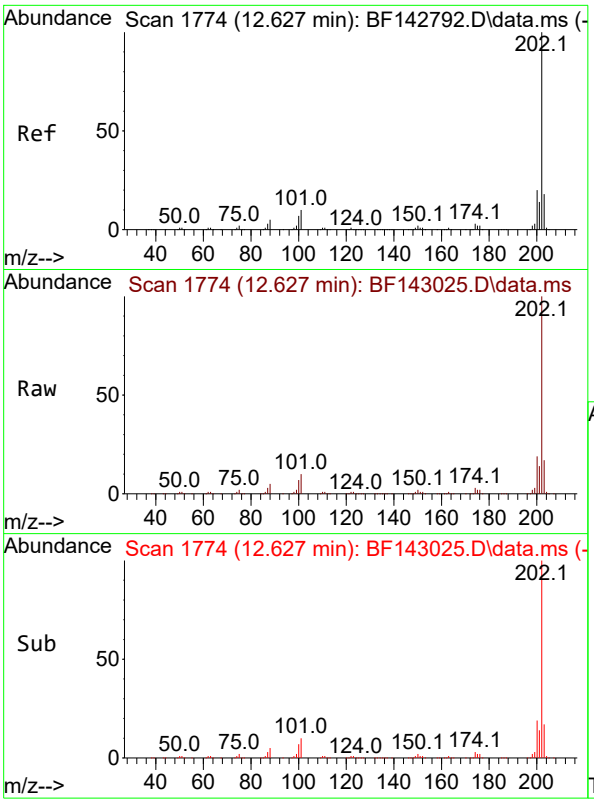


#74
Di-n-butylphthalate
Concen: 40.919 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:149 Resp: 445869

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.2	3.5	5.3



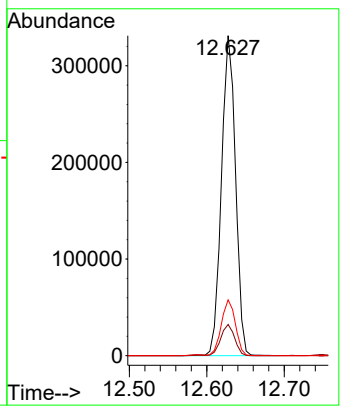


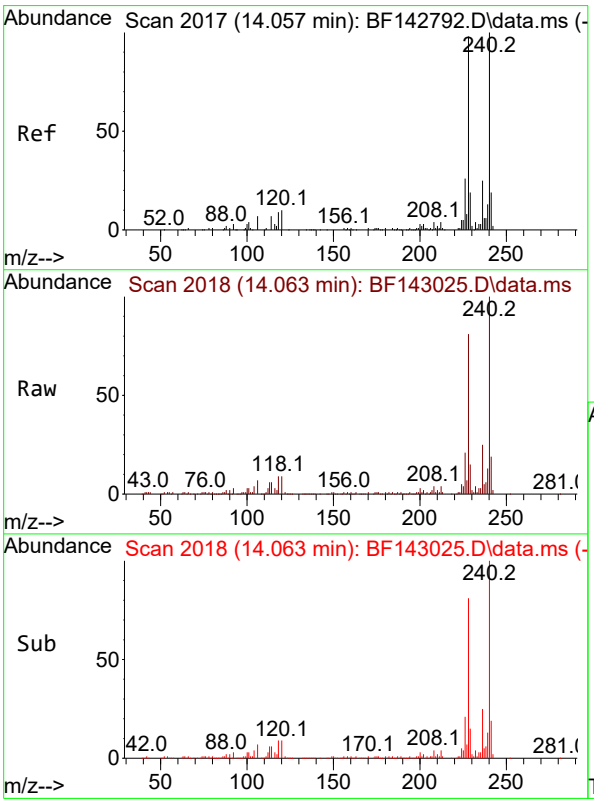
#75
Fluoranthene
Concen: 37.322 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 418605

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.7
203	17.4	0.0	37.5

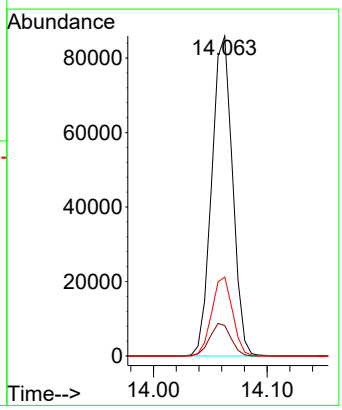


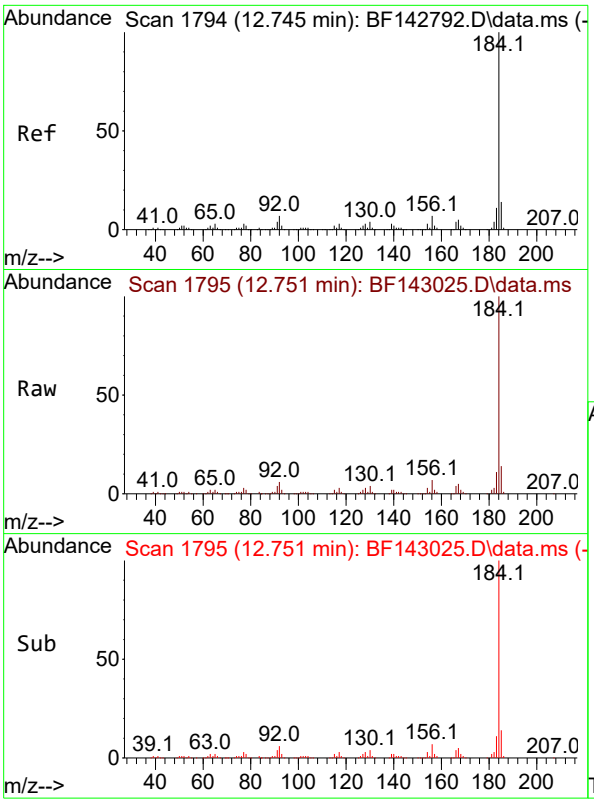


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:240 Resp: 109391

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.2	12.2
236	24.6	19.8	29.8



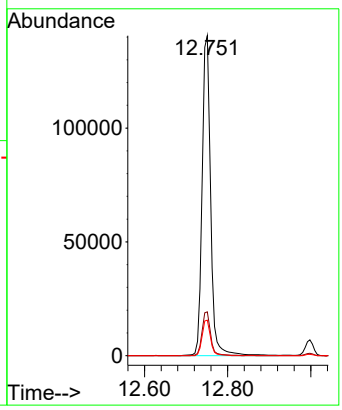


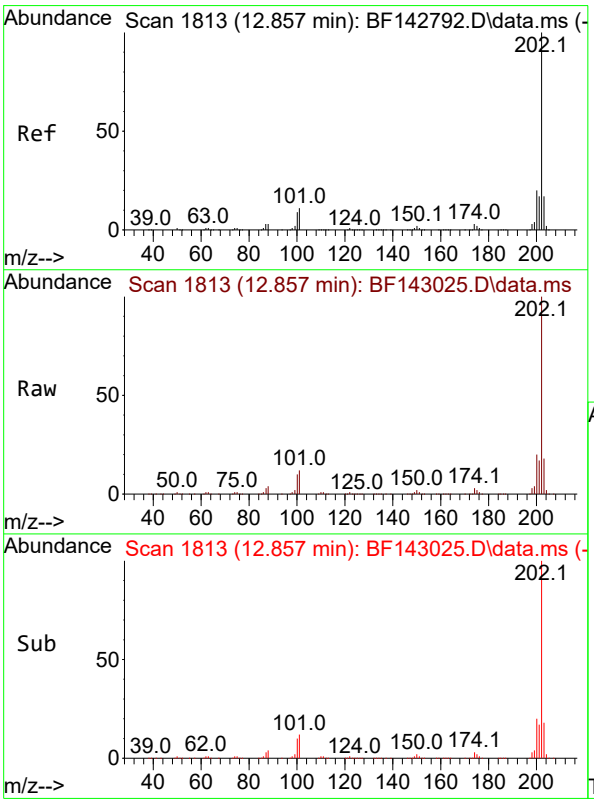
#77
Benzidine
Concen: 48.779 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 200477

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.5	17.3
183	11.1	9.0	13.4

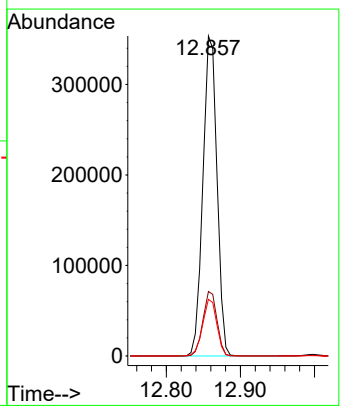


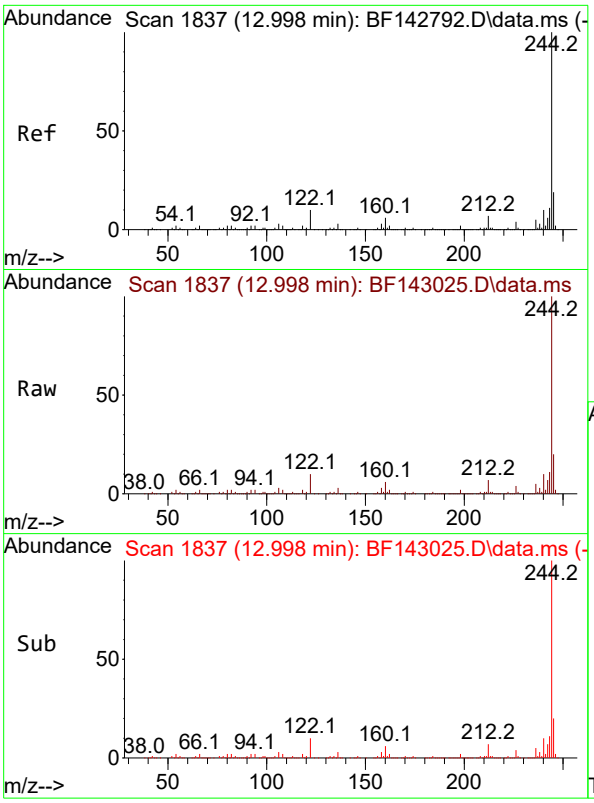


#78
Pyrene
Concen: 45.585 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:202 Resp: 467410

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.7	23.5
203	17.7	13.8	20.6



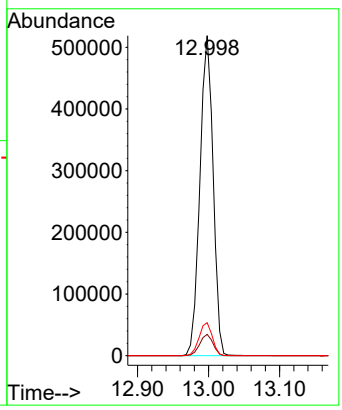


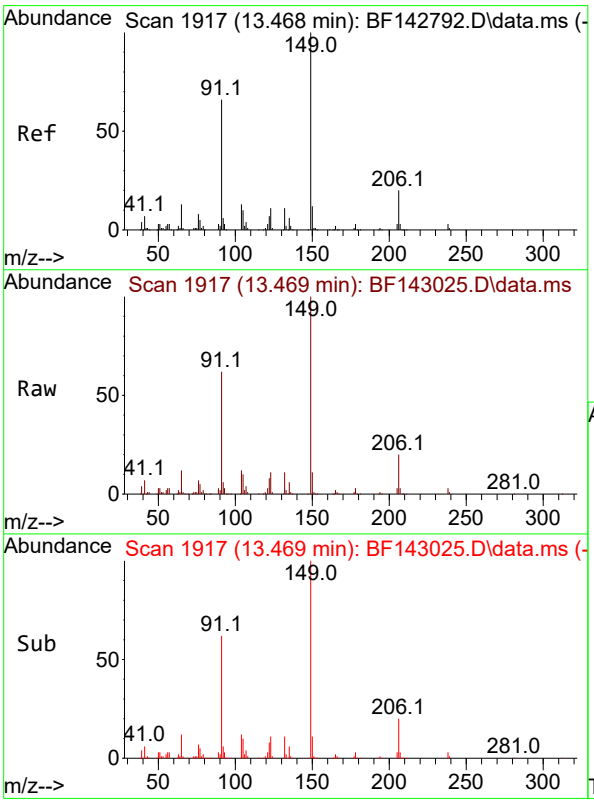
#79
Terphenyl-d14
Concen: 84.898 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 672150

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.3	8.2	12.2

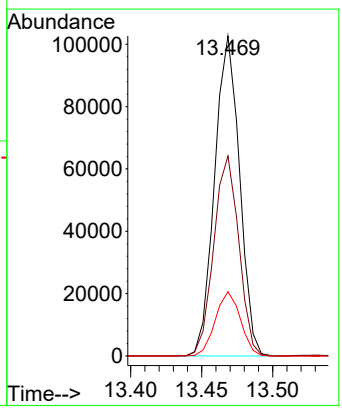


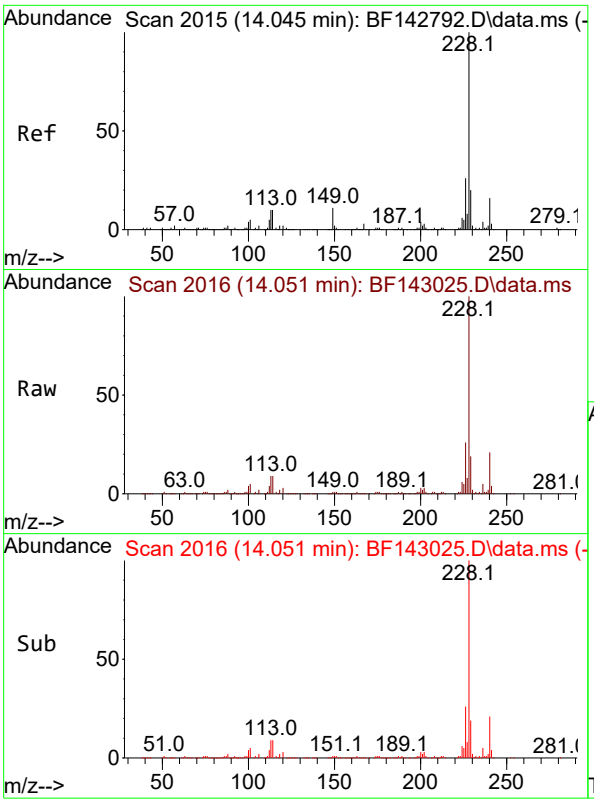


#80
Butylbenzylphthalate
Concen: 42.130 ng
RT: 13.469 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:149 Resp: 125308

Ion	Ratio	Lower	Upper
149	100		
91	62.5	52.9	79.3
206	20.1	16.3	24.5



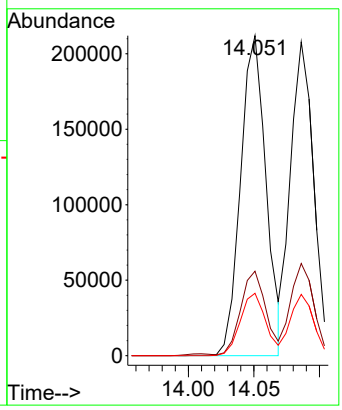


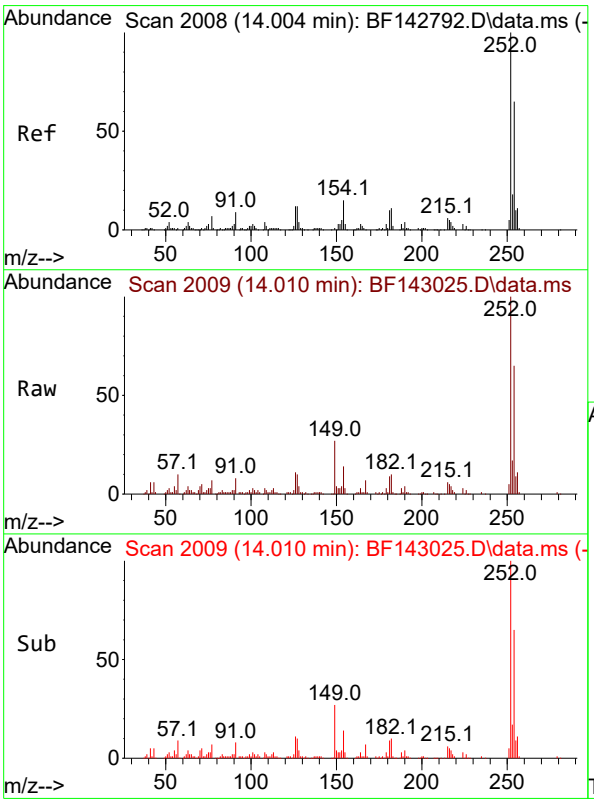
#81
Benzo(a)anthracene
Concen: 38.824 ng
RT: 14.051 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 286505

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.2	31.8
229	19.5	15.6	23.4

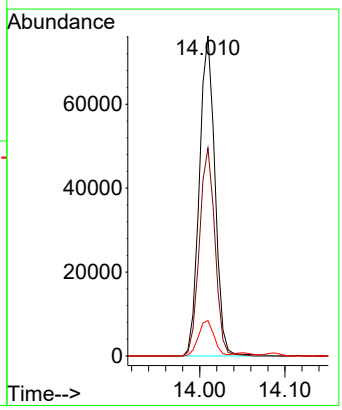


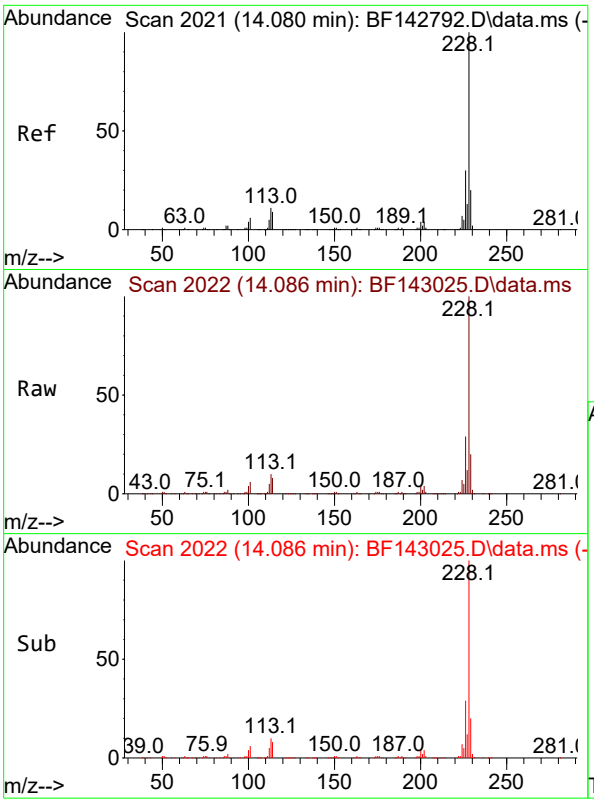


#82
3,3'-Dichlorobenzidine
Concen: 40.538 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:252 Resp: 97033

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.7	77.5
126	11.1	9.4	14.2



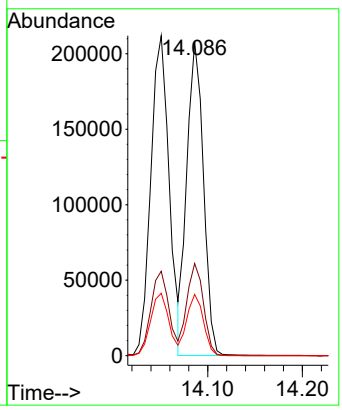


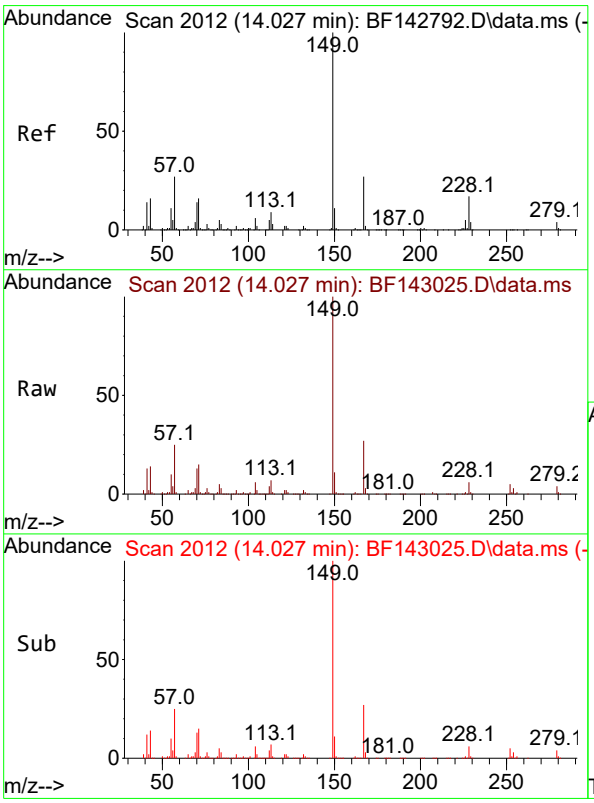
#83
Chrysene
Concen: 38.568 ng
RT: 14.086 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 253970

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	19.6	15.7	23.5

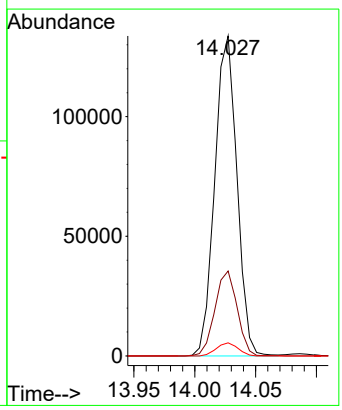


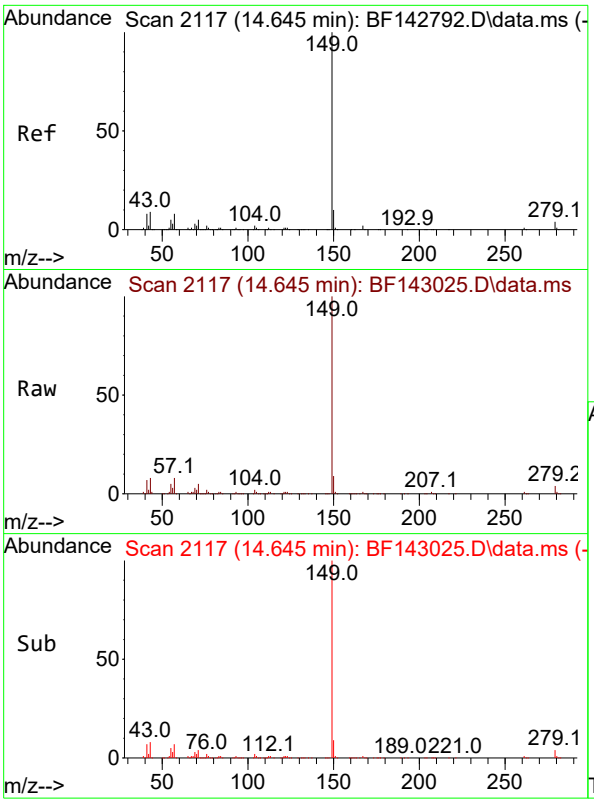


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.625 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:149 Resp: 169570

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.4	32.0
279	4.1	3.0	4.6



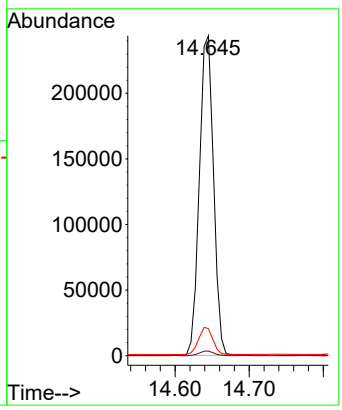


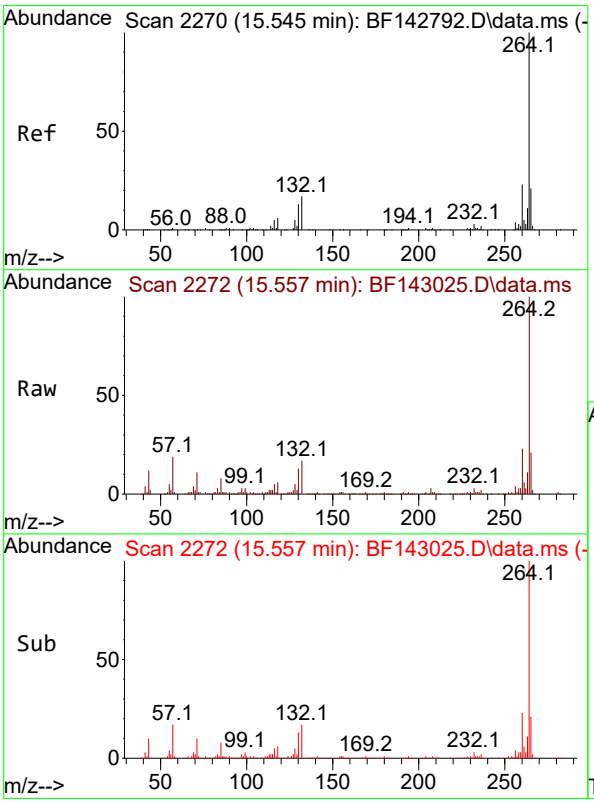
#85
Di-n-octyl phthalate
Concen: 40.101 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 323589

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.6	7.6	11.4

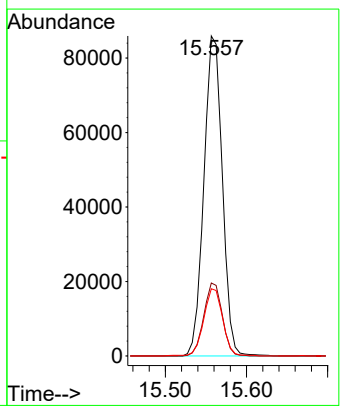


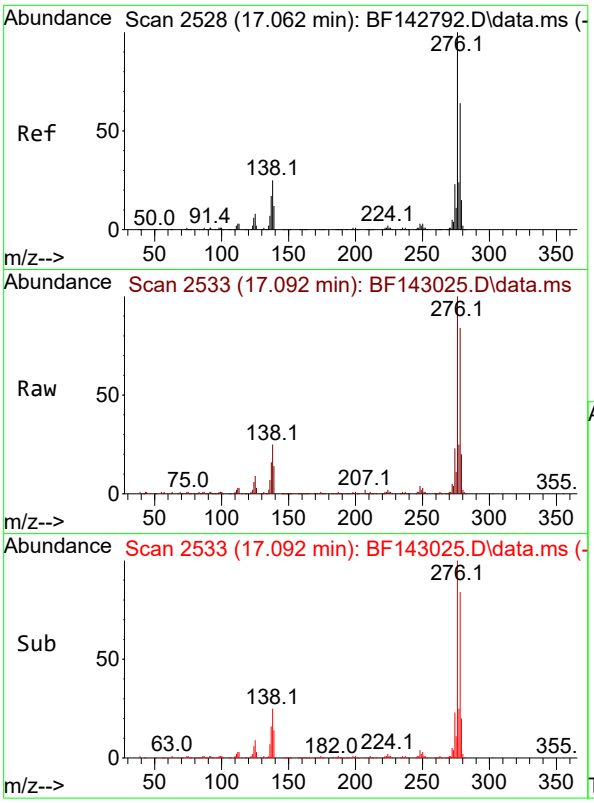


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:264 Resp: 135350

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.1	27.1
265	21.0	16.6	25.0



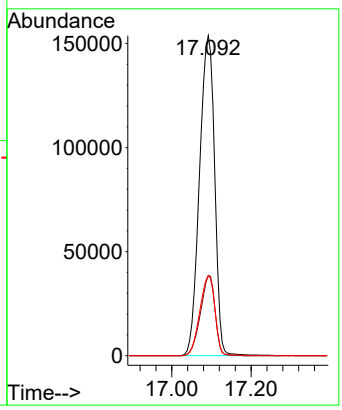


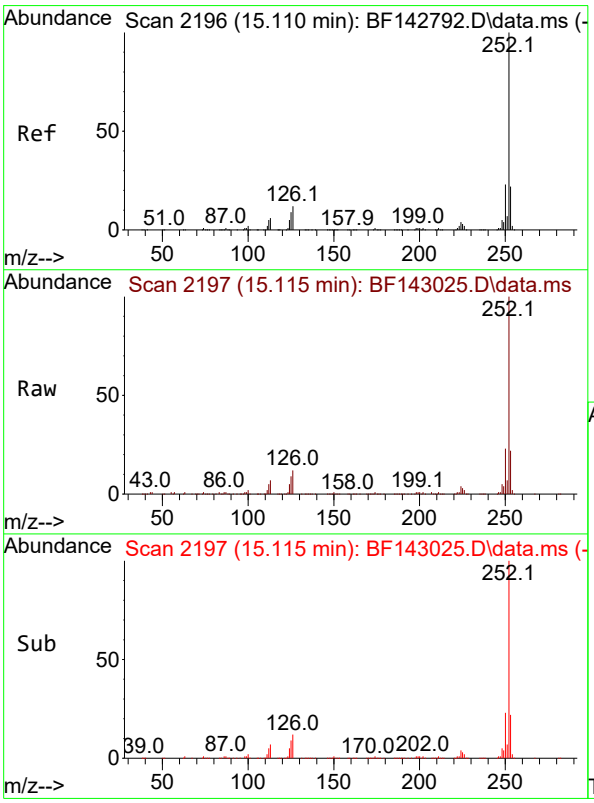
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.633 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.030 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 408600

Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.2	30.4
277	24.8	19.8	29.6

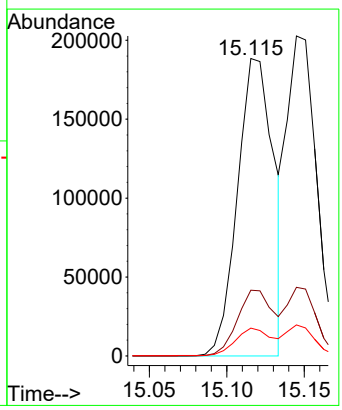


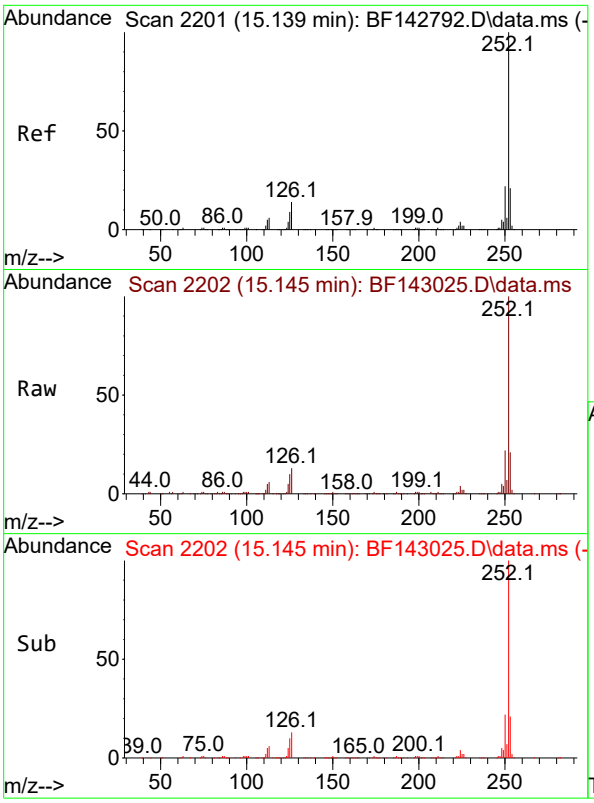


#88
Benzo(b)fluoranthene
Concen: 39.146 ng
RT: 15.115 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:252 Resp: 306592

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.4	7.4	11.0



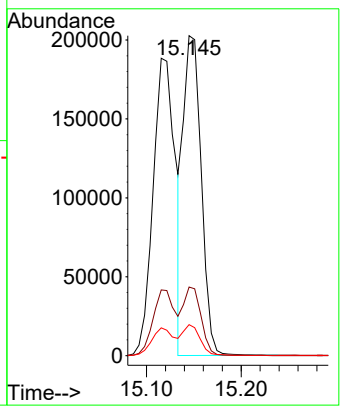


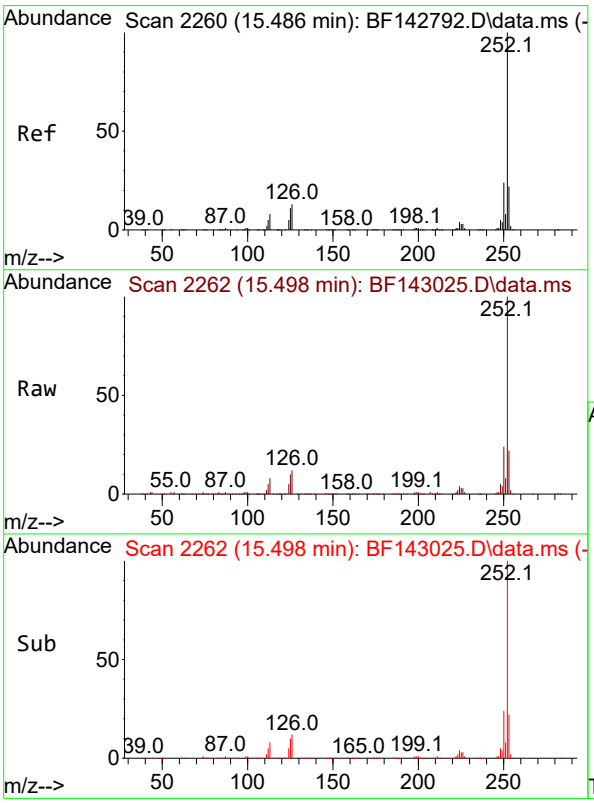
#89
Benzo(k)fluoranthene
Concen: 36.576 ng
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 268010

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	9.7	7.4	11.2

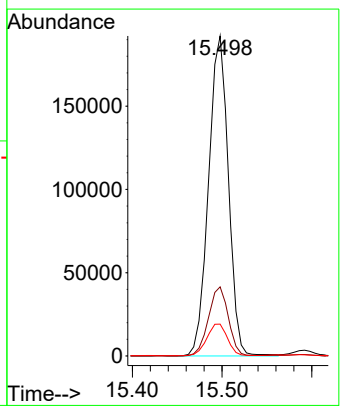


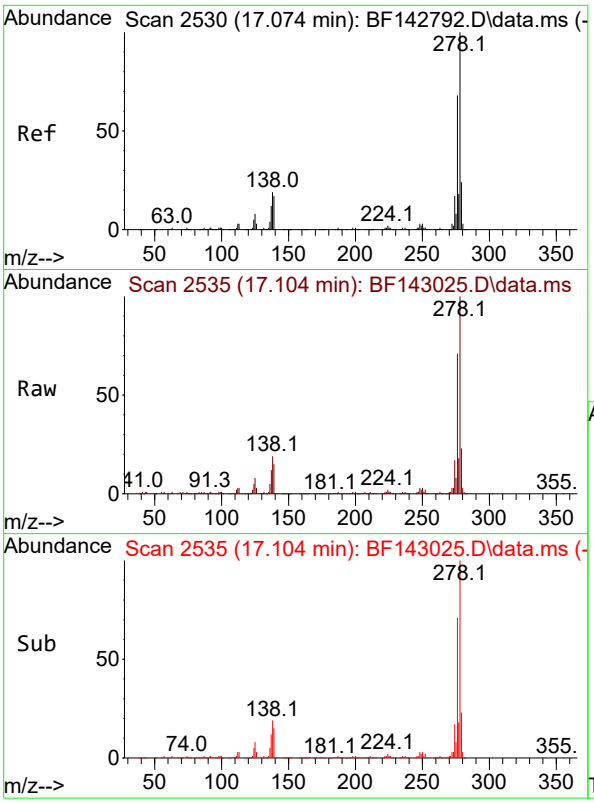


#90
Benzo(a)pyrene
Concen: 38.995 ng
RT: 15.498 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:252 Resp: 295042

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.0	8.6	12.8



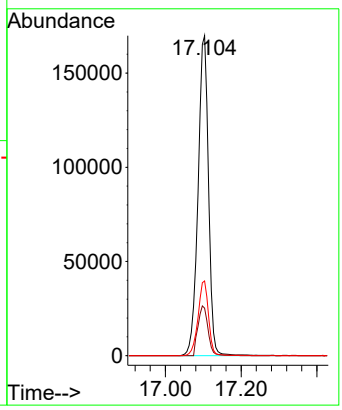


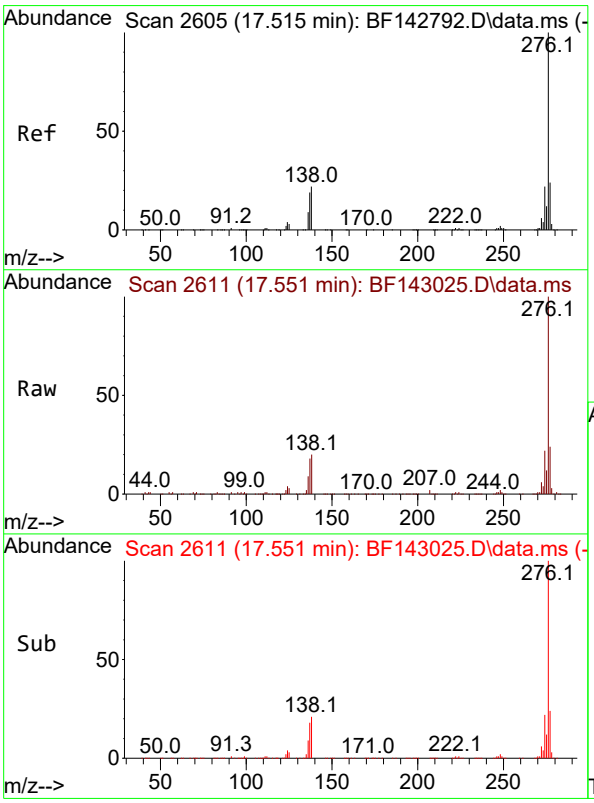
#91
Dibenzo(a,h)anthracene
Concen: 38.971 ng
RT: 17.104 min Scan# 2
Delta R.T. 0.030 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 326448

Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.5	20.3
279	23.4	18.8	28.2

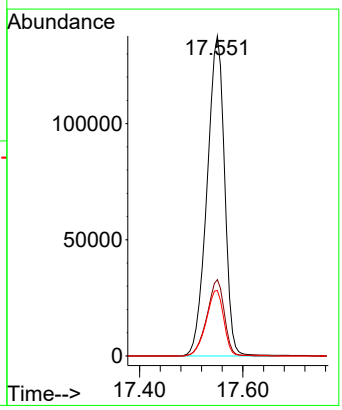




#92
Benzo(g,h,i)perylene
Concen: 38.829 ng
RT: 17.551 min Scan# 2611
Delta R.T. 0.035 min
Lab File: BF143025.D
Acq: 08 Jul 2025 10:54

Tgt Ion:276 Resp: 324337

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	20.5	17.6	26.4



Sample Results: **BF143025.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143025.D
Acq On : 08 Jul 2025 10:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 08 12:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	80	0.00
2		1,4-Dioxane	0.480	0.434	9.6	75	-0.02
3		Pyridine	1.205	1.134	5.9	78	-0.01
4		n-Nitrosodimethylamine	0.623	0.578	7.2	77	-0.01
5	S	2-Fluorophenol	1.201	1.183	1.5	82	0.00
6		Aniline	1.886	1.831	2.9	80	0.00
7	S	Phenol-d6	1.417	1.384	2.3	82	0.00
8		2-Chlorophenol	1.296	1.276	1.5	82	0.00
9		Benzaldehyde	0.841	0.903	-7.4	95	0.00
10	C	Phenol	1.575	1.550	1.6	82	0.00
11		bis(2-Chloroethyl)ether	1.126	1.102	2.1	82	0.00
12		1,3-Dichlorobenzene	1.449	1.433	1.1	83	0.00
13	C	1,4-Dichlorobenzene	1.462	1.442	1.4	82	0.00
14		1,2-Dichlorobenzene	1.387	1.369	1.3	82	0.00
15		Benzyl Alcohol	1.025	1.025	0.0	84	0.00
16		2,2'-oxybis(1-Chloropropane	1.809	1.645	9.1	76	0.00
17		2-Methylphenol	0.982	0.973	0.9	83	0.00
18		Hexachloroethane	0.511	0.498	2.5	80	0.00
19	P	n-Nitroso-di-n-propylamine	0.824	0.805	2.3	82	0.00
20		3+4-Methylphenols	1.224	1.225	-0.1	83	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	82	0.00
22		Acetophenone	0.441	0.431	2.3	85	0.00
23	S	Nitrobenzene-d5	0.365	0.385	-5.5	90	0.00
24		Nitrobenzene	0.330	0.315	4.5	81	0.00
25		Isophorone	0.585	0.566	3.2	84	0.00
26	C	2-Nitrophenol	0.180	0.181	-0.6	84	0.00
27		2,4-Dimethylphenol	0.311	0.301	3.2	83	0.00
28		bis(2-Chloroethoxy)methane	0.372	0.361	3.0	84	0.00
29	C	2,4-Dichlorophenol	0.282	0.275	2.5	83	0.00
30		1,2,4-Trichlorobenzene	0.310	0.301	2.9	83	0.00
31		Naphthalene	0.979	0.952	2.8	84	0.00
32		Benzoic acid	0.159	0.140	11.9	73	0.02
33		4-Chloroaniline	0.398	0.391	1.8	85	0.00
34	C	Hexachlorobutadiene	0.190	0.185	2.6	83	0.00
35		Caprolactam	0.075	0.078	-4.0	90	0.00
36	C	4-Chloro-3-methylphenol	0.281	0.276	1.8	84	0.00
37		2-Methylnaphthalene	0.607	0.594	2.1	84	0.00
38		1-Methylnaphthalene	0.628	0.611	2.7	84	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	84	0.00
40		1,2,4,5-Tetrachlorobenzene	0.590	0.574	2.7	87	0.00
41	P	Hexachlorocyclopentadiene	0.335	0.341	-1.8	85	0.00
42	S	2,4,6-Tribromophenol	0.206	0.200	2.9	84	0.00
43	C	2,4,6-Trichlorophenol	0.385	0.367	4.7	85	0.00
44		2,4,5-Trichlorophenol	0.405	0.383	5.4	82	0.00
45	S	2-Fluorobiphenyl	1.522	1.552	-2.0	91	0.00
46		1,1'-Biphenyl	1.580	1.507	4.6	84	0.00
47		2-Chloronaphthalene	1.186	1.125	5.1	84	0.00

Sample Results: **BF143025.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143025.D
Acq On : 08 Jul 2025 10:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 08 12:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	0.332	0.326	1.8	85	0.00
49		Acenaphthylene	1.952	1.854	5.0	84	0.00
50		Dimethylphthalate	1.295	1.287	0.6	88	0.00
51		2,6-Dinitrotoluene	0.284	0.279	1.8	85	0.00
52	C	Acenaphthene	1.191	1.180	0.9	87	0.00
53		3-Nitroaniline	0.313	0.304	2.9	85	0.00
54	P	2,4-Dinitrophenol	0.142	0.188	-32.4#	111	0.01
55		Dibenzofuran	1.708	1.634	4.3	85	0.00
56	P	4-Nitrophenol	0.214	0.259	-21.0	105	0.01
57		2,4-Dinitrotoluene	0.378	0.376	0.5	86	0.00
58		Fluorene	1.334	1.302	2.4	87	0.00
59		2,3,4,6-Tetrachlorophenol	0.326	0.307	5.8	83	0.00
60		Diethylphthalate	1.269	1.241	2.2	86	0.00
61		4-Chlorophenyl-phenylether	0.636	0.623	2.0	88	0.00
62		4-Nitroaniline	0.286	0.282	1.4	87	0.00
63		Azobenzene	1.134	1.077	5.0	84	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	83	0.00
65		4,6-Dinitro-2-methylphenol	0.121	0.120	0.8	83	0.00
66	c	n-Nitrosodiphenylamine	0.693	0.683	1.4	84	0.00
67		4-Bromophenyl-phenylether	0.228	0.230	-0.9	87	0.00
68		Hexachlorobenzene	0.253	0.251	0.8	86	0.00
69		Atrazine	0.179	0.189	-5.6	90	0.00
70	C	Pentachlorophenol	0.126	0.185	-46.8#	123	0.00
71		Phenanthrene	1.083	1.051	3.0	85	0.00
72		Anthracene	1.111	1.089	2.0	85	0.00
73		Carbazole	0.959	0.908	5.3	84	0.00
74		Di-n-butylphthalate	0.999	1.022	-2.3	89	0.00
75	C	Fluoranthene	1.028	0.959	6.7	83	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	77	0.00
77		Benzidine	0.751	0.916	-22.0	91	0.00
78		Pyrene	1.875	2.136	-13.9	94	0.00
79	S	Terphenyl-d14	1.447	1.536	-6.2	89	0.00
80		Butylbenzylphthalate	0.544	0.573	-5.3	80	0.00
81		Benzo(a)anthracene	1.349	1.310	2.9	80	0.00
82		3,3'-Dichlorobenzidine	0.438	0.444	-1.4	79	0.00
83		Chrysene	1.204	1.161	3.6	77	0.00
84		Bis(2-ethylhexyl)phthalate	0.782	0.775	0.9	74	0.00
85	c	Di-n-octyl phthalate	1.475	1.479	-0.3	78	0.00
86	I	Perylene-d12	1.000	1.000	0.0	79	0.01
87		Indeno(1,2,3-cd)pyrene	1.523	1.509	0.9	81	0.03
88		Benzo(b)fluoranthene	1.157	1.133	2.1	84	0.00
89		Benzo(k)fluoranthene	1.083	0.990	8.6	76	0.00
90	C	Benzo(a)pyrene	1.118	1.090	2.5	81	0.01
91		Dibenzo(a,h)anthracene	1.238	1.206	2.6	81	0.03
92		Benzo(g,h,i)perylene	1.234	1.198	2.9	80	0.04

Sample Results: **BF143025.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143025.D
Acq On : 08 Jul 2025 10:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 08 12:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sample Results: **BF143025.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143025.D
Acq On : 08 Jul 2025 10:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 08 12:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	80	0.00
2		1,4-Dioxane	40.000	36.124	9.7	75	-0.02
3		Pyridine	40.000	37.643	5.9	78	-0.01
4		n-Nitrosodimethylamine	40.000	37.086	7.3	77	-0.01
5	S	2-Fluorophenol	80.000	78.806	1.5	82	0.00
6		Aniline	40.000	38.839	2.9	80	0.00
7	S	Phenol-d6	80.000	78.144	2.3	82	0.00
8		2-Chlorophenol	40.000	39.386	1.5	82	0.00
9		Benzaldehyde	40.000	42.967	-7.4	95	0.00
10	C	Phenol	40.000	39.348	1.6	82	0.00
11		bis(2-Chloroethyl)ether	40.000	39.146	2.1	82	0.00
12		1,3-Dichlorobenzene	40.000	39.558	1.1	83	0.00
13	C	1,4-Dichlorobenzene	40.000	39.445	1.4	82	0.00
14		1,2-Dichlorobenzene	40.000	39.496	1.3	82	0.00
15		Benzyl Alcohol	40.000	40.010	-0.0	84	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.380	9.0	76	0.00
17		2-Methylphenol	40.000	39.617	1.0	83	0.00
18		Hexachloroethane	40.000	38.946	2.6	80	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.059	2.4	82	0.00
20		3+4-Methylphenols	40.000	40.025	-0.1	83	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	82	0.00
22		Acetophenone	40.000	39.098	2.3	85	0.00
23	S	Nitrobenzene-d5	80.000	84.546	-5.7	90	0.00
24		Nitrobenzene	40.000	38.199	4.5	81	0.00
25		Isophorone	40.000	38.737	3.2	84	0.00
26	C	2-Nitrophenol	40.000	40.333	-0.8	84	0.00
27		2,4-Dimethylphenol	40.000	38.666	3.3	83	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.878	2.8	84	0.00
29	C	2,4-Dichlorophenol	40.000	38.983	2.5	83	0.00
30		1,2,4-Trichlorobenzene	40.000	38.835	2.9	83	0.00
31		Naphthalene	40.000	38.890	2.8	84	0.00
32		Benzoic acid	40.000	35.279	11.8	73	0.02
33		4-Chloroaniline	40.000	39.314	1.7	85	0.00
34	C	Hexachlorobutadiene	40.000	39.023	2.4	83	0.00
35		Caprolactam	40.000	41.901	-4.8	90	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.303	1.7	84	0.00
37		2-Methylnaphthalene	40.000	39.127	2.2	84	0.00
38		1-Methylnaphthalene	40.000	38.925	2.7	84	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	84	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.905	2.7	87	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.686	-1.7	85	0.00
42	S	2,4,6-Tribromophenol	80.000	77.630	3.0	84	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.180	4.6	85	0.00
44		2,4,5-Trichlorophenol	40.000	37.813	5.5	82	0.00
45	S	2-Fluorobiphenyl	80.000	81.561	-2.0	91	0.00
46		1,1'-Biphenyl	40.000	38.145	4.6	84	0.00
47		2-Chloronaphthalene	40.000	37.941	5.1	84	0.00

Sample Results: **BF143025.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143025.D
Acq On : 08 Jul 2025 10:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 08 12:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	39.256	1.9	85	0.00
49		Acenaphthylene	40.000	37.997	5.0	84	0.00
50		Dimethylphthalate	40.000	39.752	0.6	88	0.00
51		2,6-Dinitrotoluene	40.000	39.188	2.0	85	0.00
52	C	Acenaphthene	40.000	39.643	0.9	87	0.00
53		3-Nitroaniline	40.000	38.881	2.8	85	0.00
54	P	2,4-Dinitrophenol	40.000	52.757	-31.9#	111	0.01
55		Dibenzofuran	40.000	38.268	4.3	85	0.00
56	P	4-Nitrophenol	40.000	48.300	-20.7	105	0.01
57		2,4-Dinitrotoluene	40.000	39.860	0.4	86	0.00
58		Fluorene	40.000	39.038	2.4	87	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	37.618	6.0	83	0.00
60		Diethylphthalate	40.000	39.111	2.2	86	0.00
61		4-Chlorophenyl-phenylether	40.000	39.156	2.1	88	0.00
62		4-Nitroaniline	40.000	39.365	1.6	87	0.00
63		Azobenzene	40.000	37.977	5.1	84	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	83	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.580	1.1	83	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.436	1.4	84	0.00
67		4-Bromophenyl-phenylether	40.000	40.413	-1.0	87	0.00
68		Hexachlorobenzene	40.000	39.689	0.8	86	0.00
69		Atrazine	40.000	42.266	-5.7	90	0.00
70	C	Pentachlorophenol	40.000	58.845	-47.1#	123	0.00
71		Phenanthrene	40.000	38.822	2.9	85	0.00
72		Anthracene	40.000	39.196	2.0	85	0.00
73		Carbazole	40.000	37.887	5.3	84	0.00
74		Di-n-butylphthalate	40.000	40.919	-2.3	89	0.00
75	C	Fluoranthene	40.000	37.322	6.7	83	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	77	0.00
77		Benzidine	40.000	48.779	-21.9	91	0.00
78		Pyrene	40.000	45.585	-14.0	94	0.00
79	S	Terphenyl-d14	80.000	84.898	-6.1	89	0.00
80		Butylbenzylphthalate	40.000	42.130	-5.3	80	0.00
81		Benzo(a)anthracene	40.000	38.824	2.9	80	0.00
82		3,3'-Dichlorobenzidine	40.000	40.538	-1.3	79	0.00
83		Chrysene	40.000	38.568	3.6	77	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.625	0.9	74	0.00
85	c	Di-n-octyl phthalate	40.000	40.101	-0.3	78	0.00
86	I	Perylene-d12	20.000	20.000	0.0	79	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	39.633	0.9	81	0.03
88		Benzo(b)fluoranthene	40.000	39.146	2.1	84	0.00
89		Benzo(k)fluoranthene	40.000	36.576	8.6	76	0.00
90	C	Benzo(a)pyrene	40.000	38.995	2.5	81	0.01
91		Dibenzo(a,h)anthracene	40.000	38.971	2.6	81	0.03
92		Benzo(g,h,i)perylene	40.000	38.829	2.9	80	0.04

Sample Results: **BF143025.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143025.D
Acq On : 08 Jul 2025 10:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 08 12:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Raw Data: **BF143048.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_F Calibration Date/Time: 07/09/2025 10:52

Lab File ID: BF143048.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.190		-0.9	
Benzaldehyde	0.841	0.917		9.0	
Phenol-d6	1.417	1.399		-1.3	
Phenol	1.575	1.548		-1.7	20.0
bis(2-Chloroethyl)ether	1.126	1.113		-1.2	
2-Chlorophenol	1.296	1.293		-0.2	
2-Methylphenol	0.982	0.968		-1.4	
2,2-oxybis(1-Chloropropane)	1.809	1.636		-9.6	
Acetophenone	0.441	0.435		-1.4	
3+4-Methylphenols	1.224	1.238		1.1	
n-Nitroso-di-n-propylamine	0.824	0.819	0.050	-0.6	
Nitrobenzene-d5	0.365	0.383		4.9	
Hexachloroethane	0.511	0.503		-1.6	
Nitrobenzene	0.330	0.321		-2.7	
Isophorone	0.585	0.566		-3.2	
2-Nitrophenol	0.180	0.180		0.0	20.0
2,4-Dimethylphenol	0.311	0.298		-4.2	
bis(2-Chloroethoxy)methane	0.372	0.364		-2.2	
2,4-Dichlorophenol	0.282	0.277		-1.8	20.0
Naphthalene	0.979	0.942		-3.8	
4-Chloroaniline	0.398	0.385		-3.3	
Hexachlorobutadiene	0.190	0.187		-1.6	20.0
Caprolactam	0.075	0.073		-2.7	
4-Chloro-3-methylphenol	0.281	0.274		-2.5	20.0
2-Methylnaphthalene	0.607	0.598		-1.5	
Hexachlorocyclopentadiene	0.335	0.341	0.050	1.8	
2,4,6-Trichlorophenol	0.385	0.356		-7.5	20.0
2-Fluorobiphenyl	1.522	1.555		2.2	
2,4,5-Trichlorophenol	0.405	0.379		-6.4	
1,1-Biphenyl	1.580	1.532		-3.0	
2-Chloronaphthalene	1.186	1.134		-4.4	
2-Nitroaniline	0.332	0.317		-4.5	
Dimethylphthalate	1.295	1.268		-2.1	
Acenaphthylene	1.952	1.863		-4.6	
2,6-Dinitrotoluene	0.284	0.281		-1.1	
3-Nitroaniline	0.313	0.292		-6.7	
Acenaphthene	1.191	1.172		-1.6	20.0
2,4-Dinitrophenol	0.142	0.173	0.050	21.8	
4-Nitrophenol	0.214	0.250	0.050	16.8	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_F Calibration Date/Time: 07/09/2025 10:52

Lab File ID: BF143048.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.708	1.630		-4.6	
2,4-Dinitrotoluene	0.378	0.375		-0.8	
Diethylphthalate	1.269	1.231		-3.0	
4-Chlorophenyl-phenylether	0.636	0.620		-2.5	
Fluorene	1.334	1.292		-3.1	
4-Nitroaniline	0.286	0.271		-5.2	
4,6-Dinitro-2-methylphenol	0.121	0.118		-2.5	
n-Nitrosodiphenylamine	0.693	0.678		-2.2	20.0
2,4,6-Tribromophenol	0.206	0.202		-1.9	
4-Bromophenyl-phenylether	0.228	0.229		0.4	
Hexachlorobenzene	0.253	0.249		-1.6	
Atrazine	0.179	0.180		0.6	
Pentachlorophenol	0.126	0.181		43.7	20.0
Phenanthrene	1.083	1.038		-4.2	
Anthracene	1.111	1.064		-4.2	
Carbazole	0.959	0.897		-6.5	
Di-n-butylphthalate	0.999	0.985		-1.4	
Fluoranthene	1.028	0.934		-9.1	20.0
Pyrene	1.875	2.057		9.7	
Terphenyl-d14	1.447	1.481		2.3	
Butylbenzylphthalate	0.544	0.572		5.1	
3,3-Dichlorobenzidine	0.438	0.472		7.8	
Benzo(a)anthracene	1.349	1.327		-1.6	
Chrysene	1.204	1.179		-2.1	
Bis(2-ethylhexyl)phthalate	0.782	0.881		12.7	
Di-n-octyl phthalate	1.475	1.717		16.4	20.0
Benzo(b)fluoranthene	1.157	1.101		-4.8	
Benzo(k)fluoranthene	1.083	1.058		-2.3	
Benzo(a)pyrene	1.118	1.086		-2.9	20.0
Indeno(1,2,3-cd)pyrene	1.523	1.452		-4.7	
Dibenzo(a,h)anthracene	1.238	1.181		-4.6	
Benzo(g,h,i)perylene	1.234	1.161		-5.9	
1,2,4,5-Tetrachlorobenzene	0.590	0.572		-3.1	
1,4-Dioxane	0.480	0.441		-8.1	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.318		-2.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143048.D
Acq On : 09 Jul 2025 10:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 09 11:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66592	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	257344	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	135062	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	218580	20.000	ng	0.00
76) Chrysene-d12	14.057	240	110392	20.000	ng	0.00
86) Perylene-d12	15.545	264	146270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	317051	79.269	ng	0.00
7) Phenol-d6	6.510	99	372531	78.945	ng	0.00
23) Nitrobenzene-d5	7.439	82	394718	84.131	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	109001	78.425	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	839846	81.687	ng	-0.01
79) Terphenyl-d14	12.992	244	653929	81.848	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	58700	36.693	ng	98
3) Pyridine	3.393	79	150140	37.436	ng	97
4) n-Nitrosodimethylamine	3.346	42	75767	36.533	ng	95
6) Aniline	6.540	93	243791	38.827	ng	95
8) 2-Chlorophenol	6.663	128	172216	39.915	ng	97
9) Benzaldehyde	6.428	77	122163	43.636	ng	100
10) Phenol	6.522	94	206185	39.308	ng	89
11) bis(2-Chloroethyl)ether	6.610	93	148192	39.529	ng	96
12) 1,3-Dichlorobenzene	6.816	146	189971	39.370	ng	100
13) 1,4-Dichlorobenzene	6.892	146	192448	39.530	ng	99
14) 1,2-Dichlorobenzene	7.045	146	182051	39.426	ng	99
15) Benzyl Alcohol	7.016	79	137398	40.276	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	217844	36.167	ng	79
17) 2-Methylphenol	7.134	107	128959	39.442	ng	96
18) Hexachloroethane	7.387	117	67058	39.381	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	109039	39.730	ng	95
20) 3+4-Methylphenols	7.287	107	164907	40.452	ng	95
22) Acetophenone	7.287	105	223904	39.455	ng	100
24) Nitrobenzene	7.463	77	165163	38.894	ng	98
25) Isophorone	7.698	82	291150	38.685	ng	99
26) 2-Nitrophenol	7.775	139	92518	39.996	ng	100
27) 2,4-Dimethylphenol	7.816	122	153557m	38.323	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	187275	39.139	ng	99
29) 2,4-Dichlorophenol	8.022	162	142368	39.186	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	155501	38.924	ng	99
31) Naphthalene	8.181	128	485090	38.510	ng	99
32) Benzoic acid	7.939	122	70188	34.368	ng	97
33) 4-Chloroaniline	8.234	127	198369	38.729	ng	98
34) Hexachlorobutadiene	8.292	225	96425	39.459	ng	99
35) Caprolactam	8.610	113	37672	39.295	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	141216	39.110	ng	99
37) 2-Methylnaphthalene	8.869	142	307684	39.399	ng	99
38) 1-Methylnaphthalene	8.969	142	313072	38.726	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	154627	38.800	ng	99
41) Hexachlorocyclopentadiene	9.022	237	92207	40.772	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	96292	37.080	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143048.D
Acq On : 09 Jul 2025 10:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 09 11:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

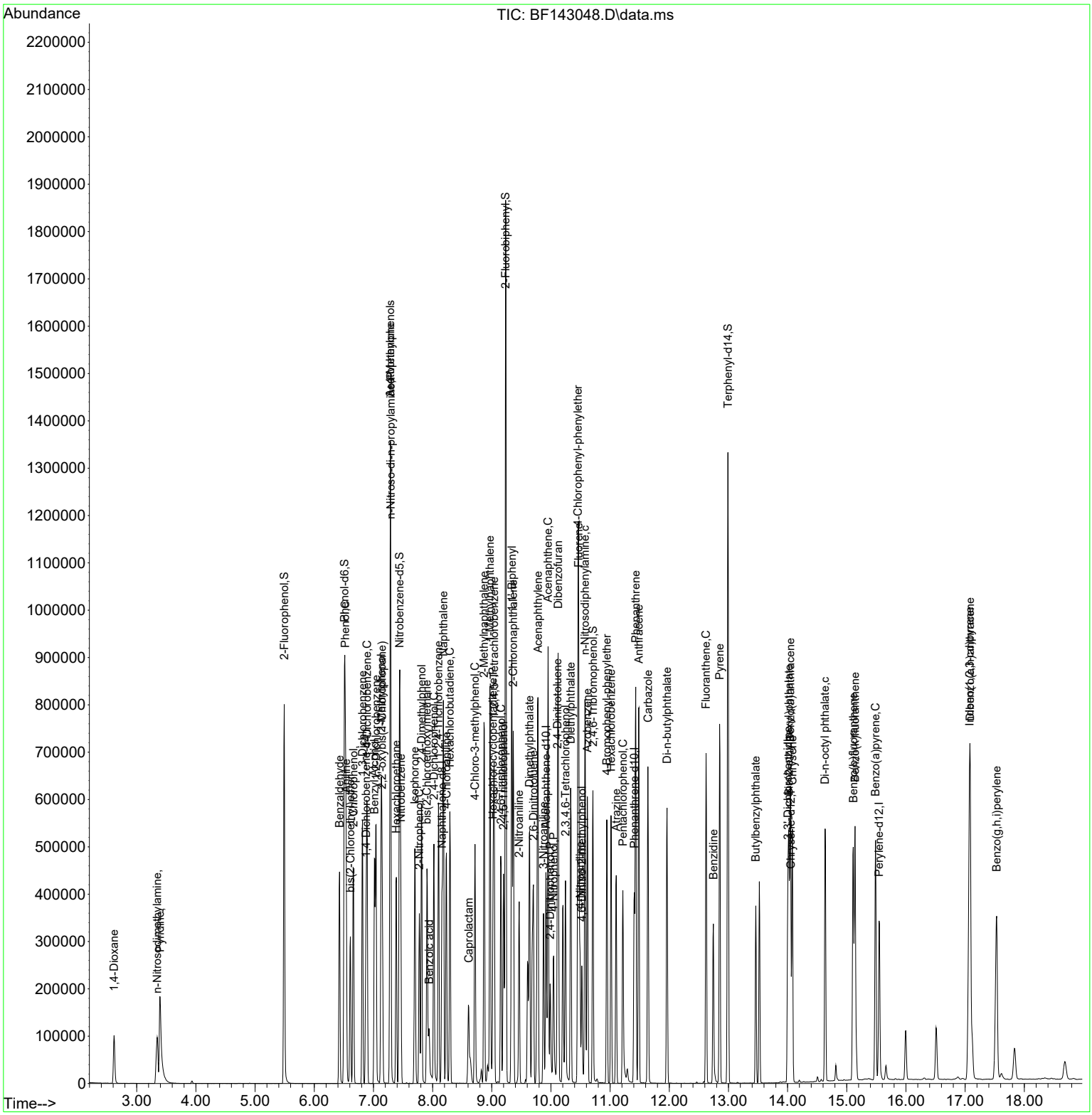
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	102349	37.440	ng	100
46) 1,1'-Biphenyl	9.339	154	413921	38.796	ng	99
47) 2-Chloronaphthalene	9.363	162	306289	38.255	ng	99
48) 2-Nitroaniline	9.463	65	85518	38.099	ng	94
49) Acenaphthylene	9.781	152	503177	38.176	ng	100
50) Dimethylphthalate	9.639	163	342506	39.177	ng	100
51) 2,6-Dinitrotoluene	9.704	165	75838	39.500	ng	97
52) Acenaphthene	9.951	154	316605m	39.371	ng	
53) 3-Nitroaniline	9.875	138	78937	37.342	ng	100
54) 2,4-Dinitrophenol	9.986	184	46706	48.583	ng	99
55) Dibenzofuran	10.122	168	440391	38.190	ng	100
56) 4-Nitrophenol	10.045	139	67517	46.654	ng	99
57) 2,4-Dinitrotoluene	10.110	165	101213	39.687	ng	95
58) Fluorene	10.469	166	348917	38.743	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	86032	39.043	ng	92
60) Diethylphthalate	10.333	149	332556	38.796	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	167583	38.996	ng	98
62) 4-Nitroaniline	10.492	138	73117	37.820	ng	97
63) Azobenzene	10.616	77	291002	37.983	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	51710	39.111	ng	97
66) n-Nitrosodiphenylamine	10.575	169	296265	39.109	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	100240	40.295	ng	97
68) Hexachlorobenzene	11.016	284	109033	39.445	ng	99
69) Atrazine	11.104	200	78779	40.271	ng	98
70) Pentachlorophenol	11.216	266	79272	57.552	ng	99
71) Phenanthrene	11.433	178	453843	38.330	ng	100
72) Anthracene	11.486	178	465305	38.317	ng	99
73) Carbazole	11.639	167	392132	37.420	ng	100
74) Di-n-butylphthalate	11.963	149	430569	39.441	ng	99
75) Fluoranthene	12.621	202	408276	36.332	ng	100
77) Benzidine	12.745	184	204601	49.331	ng	99
78) Pyrene	12.851	202	454236	43.898	ng	99
80) Butylbenzylphthalate	13.463	149	126277	42.071	ng	97
81) Benzo(a)anthracene	14.045	228	292876	39.327	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	104231	43.151	ng	99
83) Chrysene	14.080	228	260242	39.162	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	194503	45.039	ng	99
85) Di-n-octyl phthalate	14.633	149	379015	46.544	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	424870	38.135	ng	99
88) Benzo(b)fluoranthene	15.110	252	321973	38.041	ng	100
89) Benzo(k)fluoranthene	15.139	252	309552	39.092	ng	99
90) Benzo(a)pyrene	15.486	252	317799	38.867	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	345409	38.156	ng	98
92) Benzo(g,h,i)perylene	17.533	276	339644	37.626	ng	97

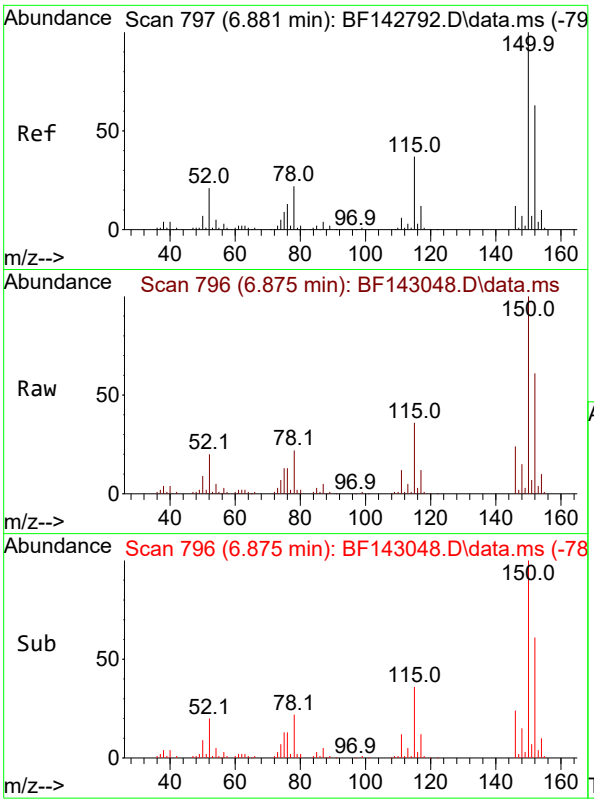
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143048.D
Acq On : 09 Jul 2025 10:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 09 11:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



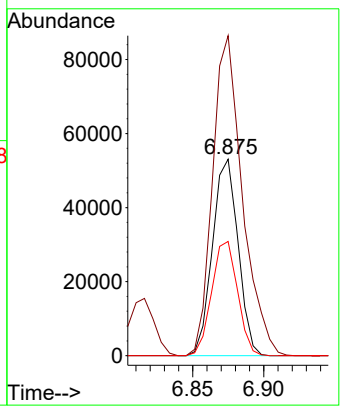


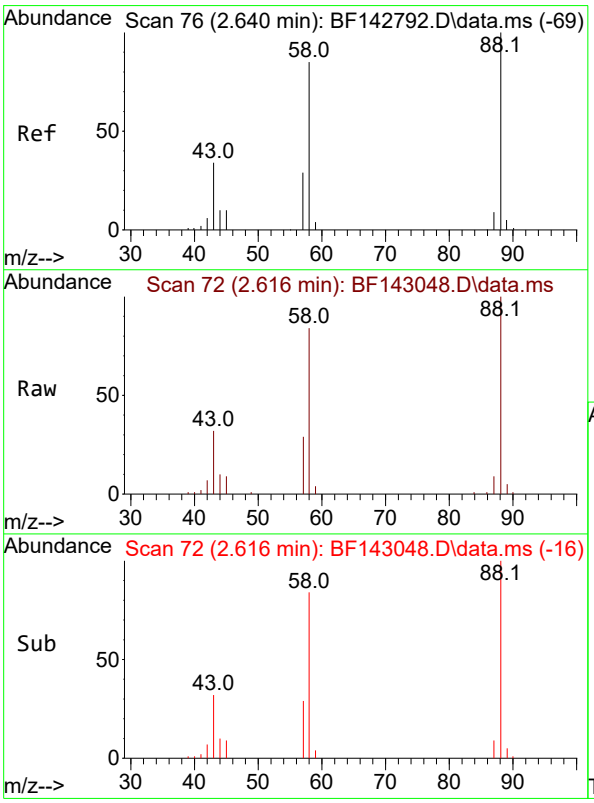
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 66592

Ion	Ratio	Lower	Upper
152	100		
150	162.8	127.2	190.8
115	58.1	46.6	69.8

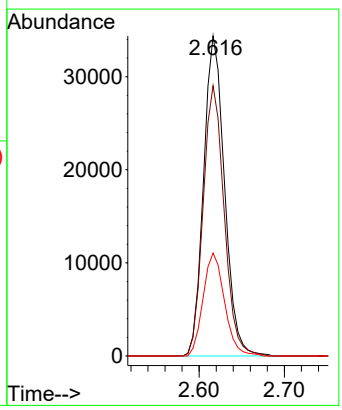


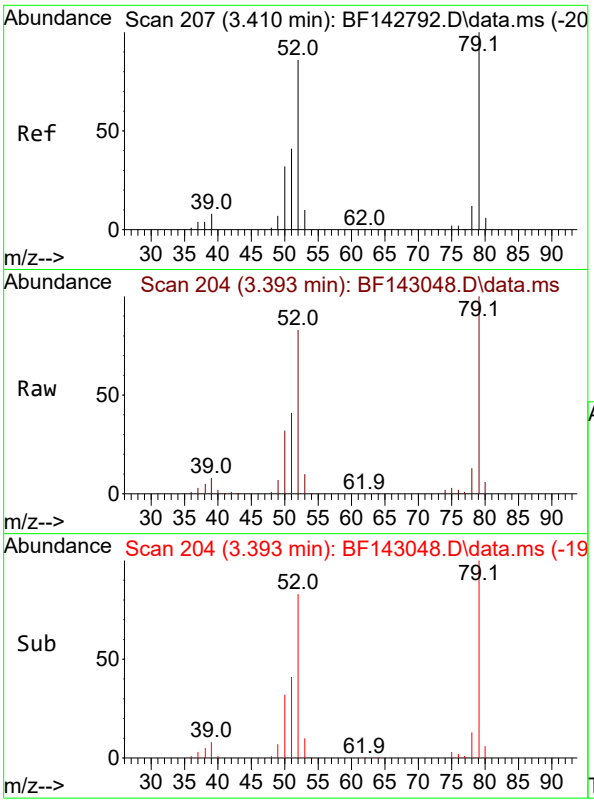


#2
1,4-Dioxane
Concen: 36.693 ng
RT: 2.616 min Scan# 72
Delta R.T. -0.023 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 88 Resp: 58700

Ion	Ratio	Lower	Upper
88	100		
58	84.6	69.1	103.7
43	32.8	27.4	41.2



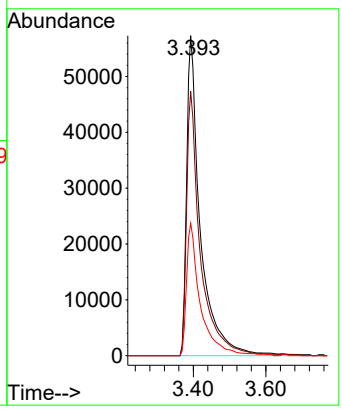


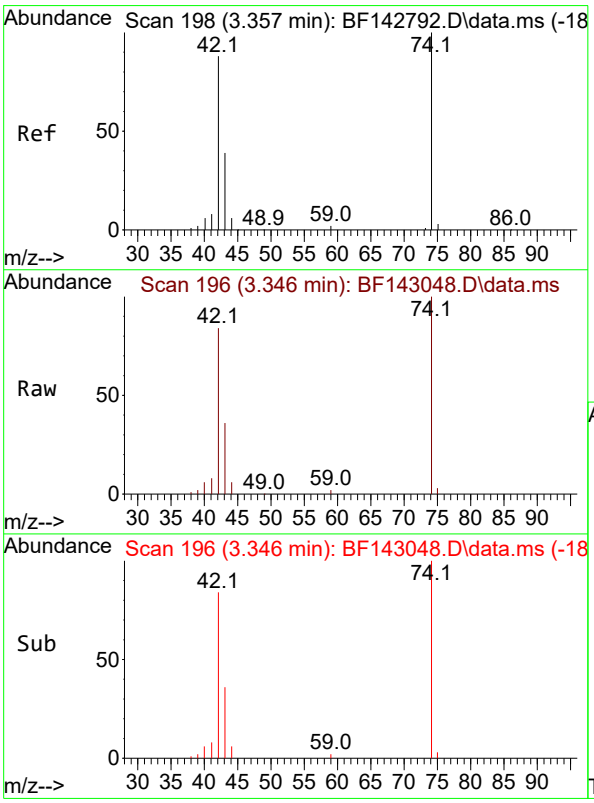
#3
Pyridine
Concen: 37.436 ng
RT: 3.393 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 150140

Ion	Ratio	Lower	Upper
79	100		
52	82.6	69.2	103.8
51	41.4	33.2	49.8

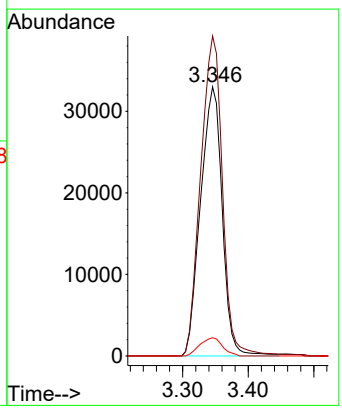


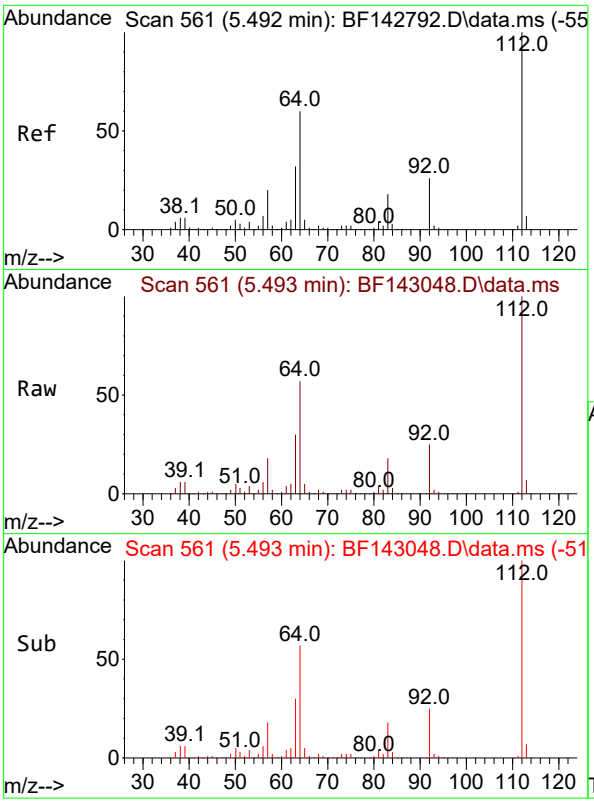


#4
n-Nitrosodimethylamine
Concen: 36.533 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 42 Resp: 75767

Ion	Ratio	Lower	Upper
42	100		
74	118.9	90.9	136.3
44	6.8	5.8	8.6



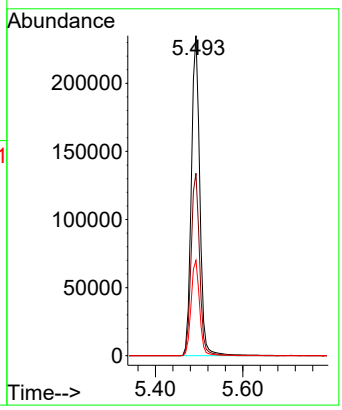


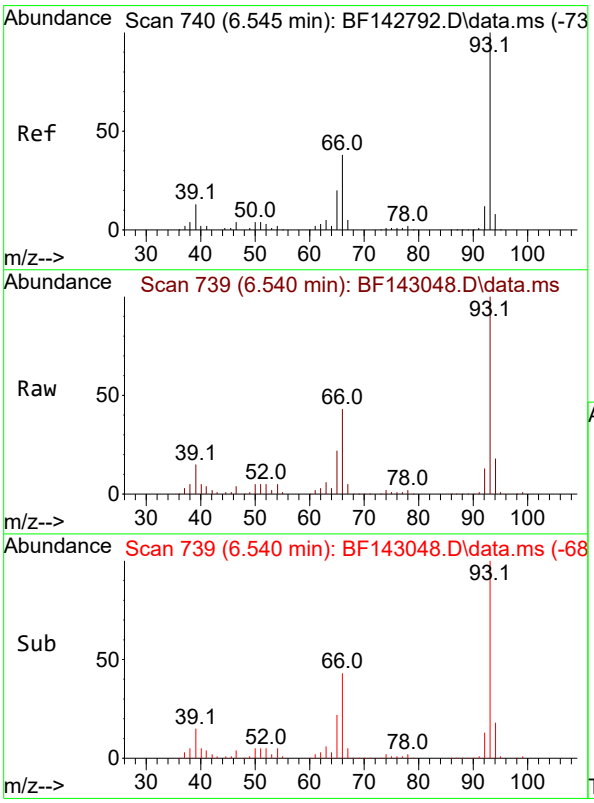
#5
2-Fluorophenol
Concen: 79.269 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.001 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 317051

Ion	Ratio	Lower	Upper
112	100		
64	57.0	48.2	72.2
63	29.8	25.7	38.5

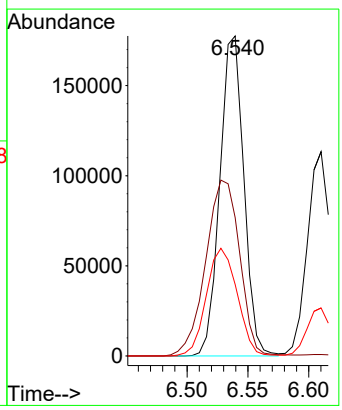


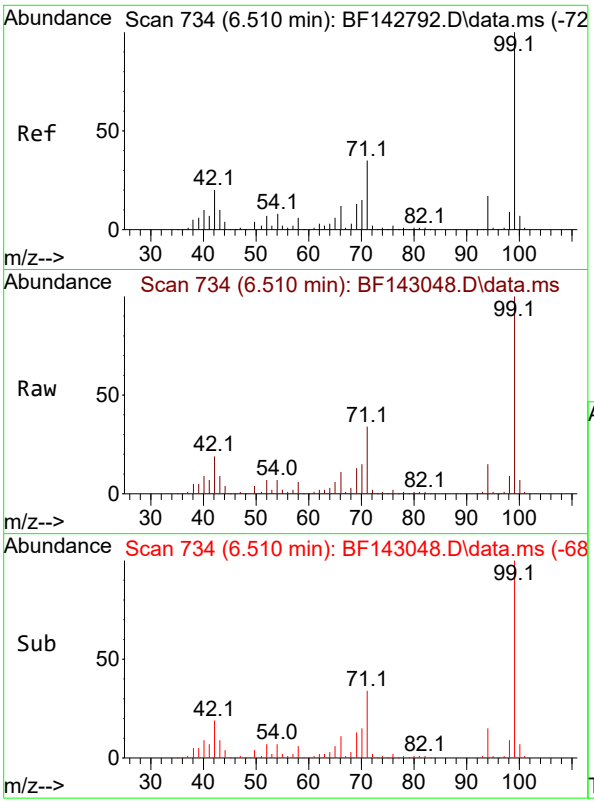


#6
Aniline
Concen: 38.827 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 93 Resp: 243791

Ion	Ratio	Lower	Upper
93	100		
66	43.2	31.8	47.6
65	22.3	16.2	24.2



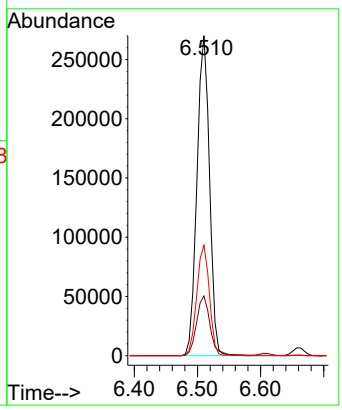


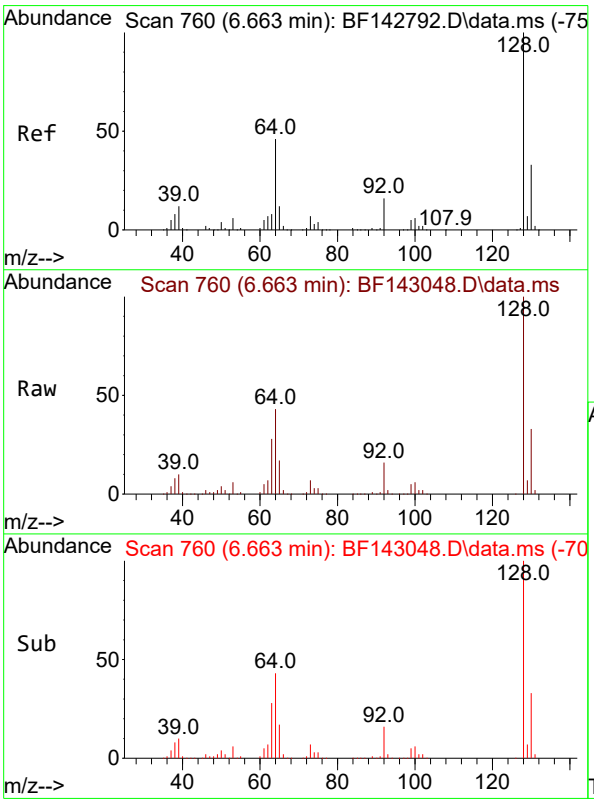
#7
Phenol-d6
Concen: 78.945 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 372531

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.9	23.9
71	34.5	27.8	41.8

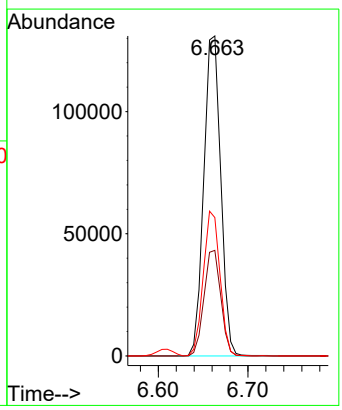


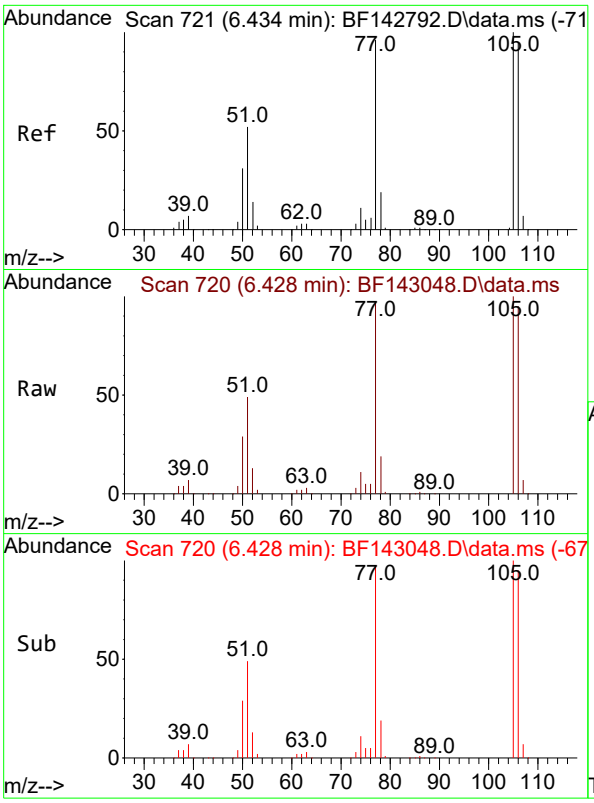


#8
2-Chlorophenol
Concen: 39.915 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:128 Resp: 172216

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.7	52.7
64	43.3	26.5	66.5



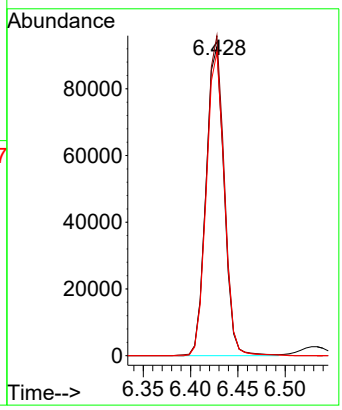


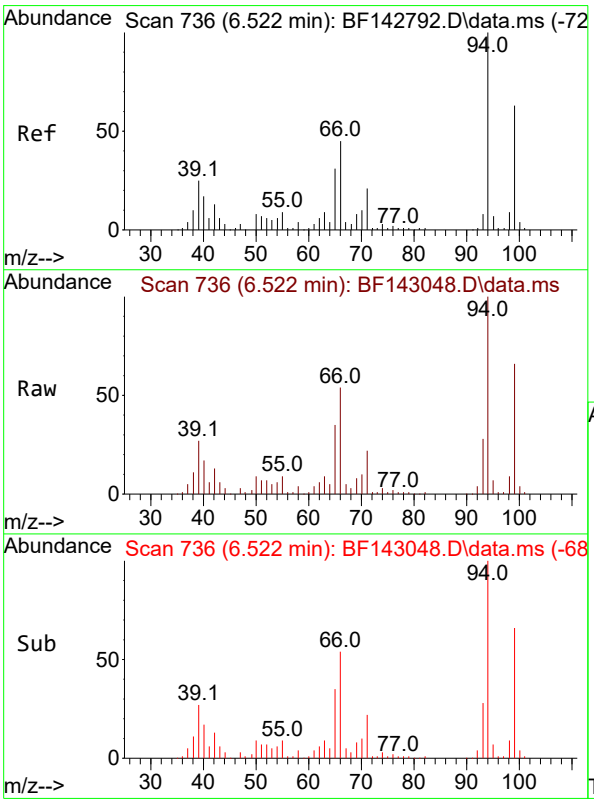
#9
Benzaldehyde
Concen: 43.636 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 122163

Ion	Ratio	Lower	Upper
77	100		
105	103.6	83.8	123.8
106	98.2	78.7	118.7

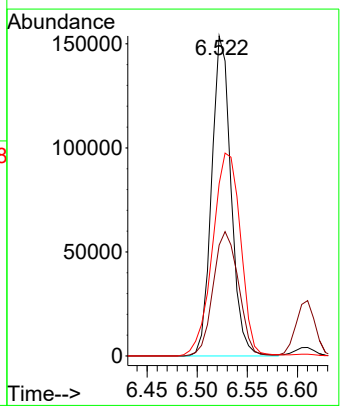


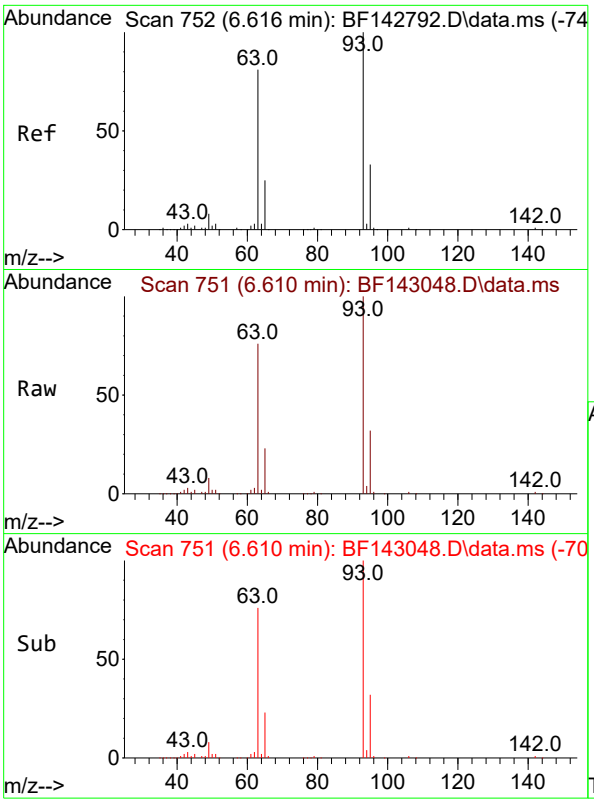


#10
Phenol
Concen: 39.308 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 94 Resp: 206185

Ion	Ratio	Lower	Upper
94	100		
65	34.6	11.3	51.3
66	53.8	24.9	64.9



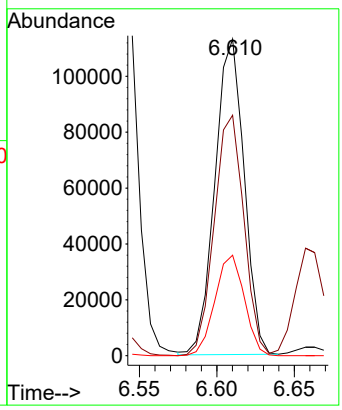


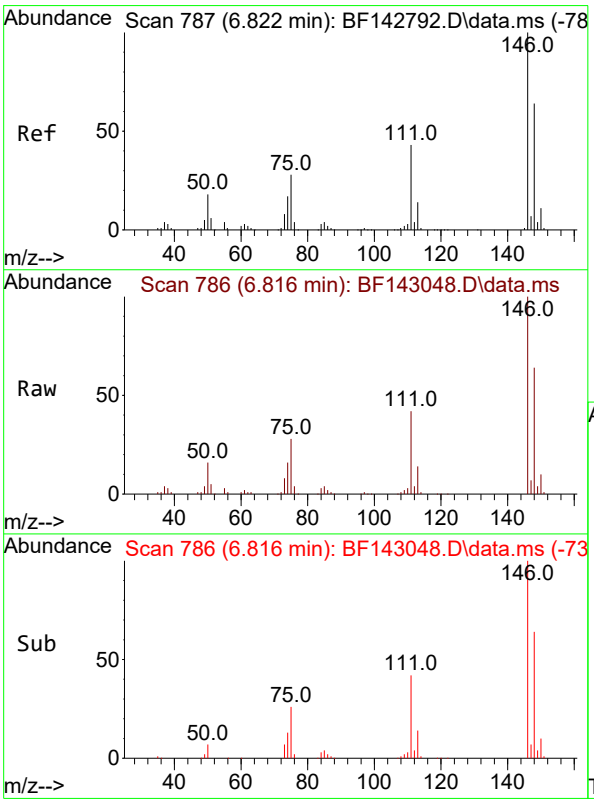
#11
bis(2-Chloroethyl)ether
Concen: 39.529 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 148192

Ion	Ratio	Lower	Upper
93	100		
63	75.9	60.3	100.3
95	31.7	12.5	52.5

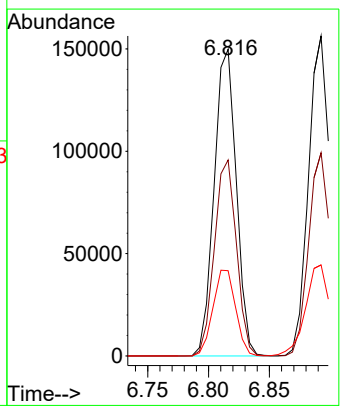


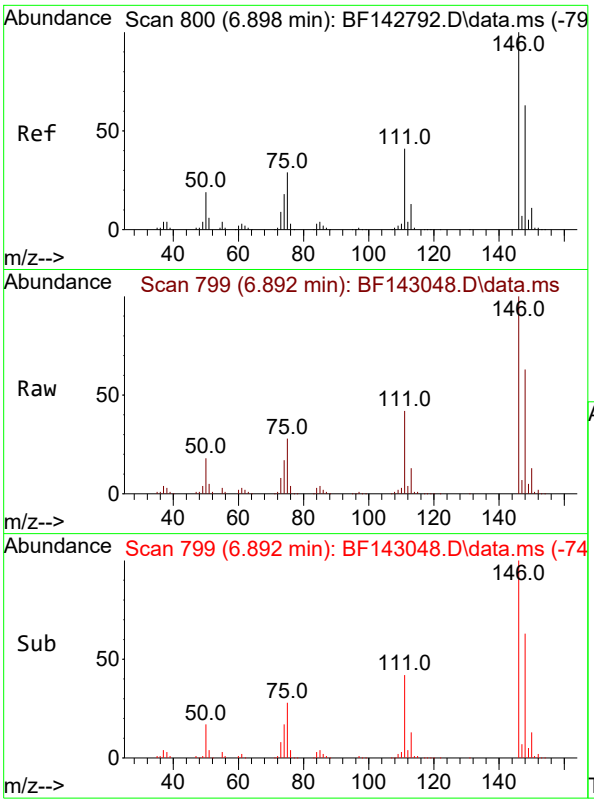


#12
1,3-Dichlorobenzene
Concen: 39.370 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:146 Resp: 189971

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
75	27.8	22.7	34.1



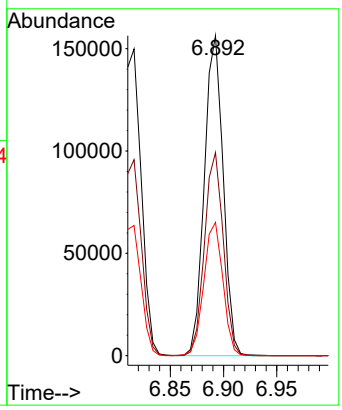


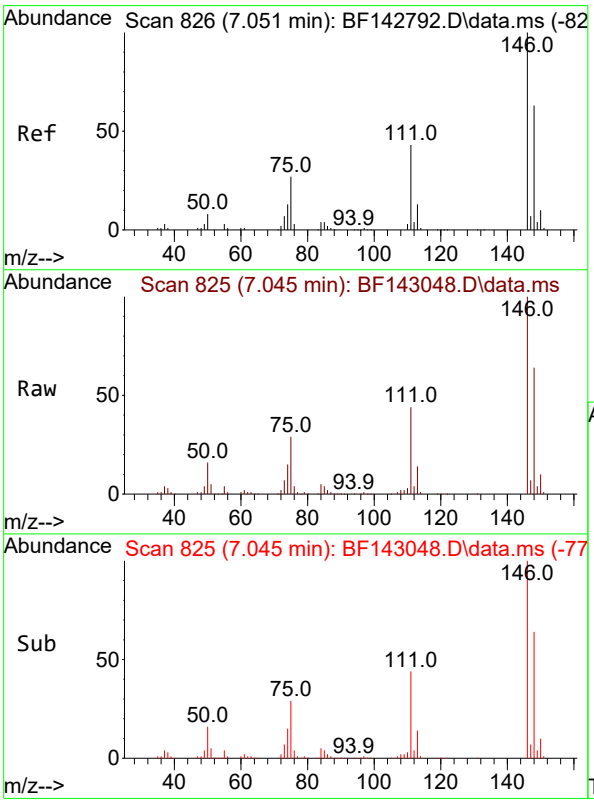
#13
1,4-Dichlorobenzene
Concen: 39.530 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 192448

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.2	75.2
111	41.6	33.2	49.8

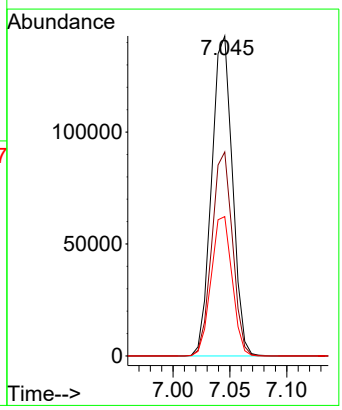


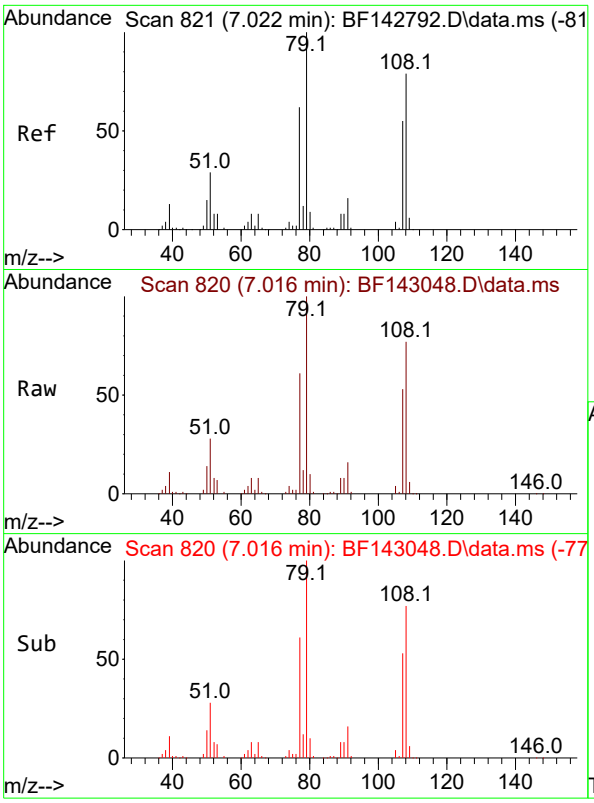


#14
1,2-Dichlorobenzene
Concen: 39.426 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:146 Resp: 182051

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	43.6	34.1	51.1



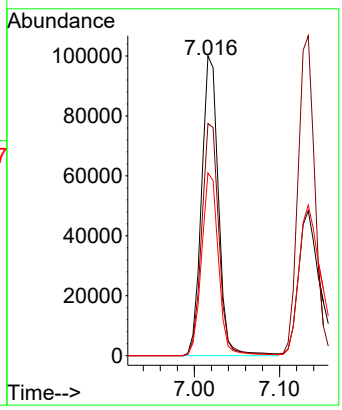


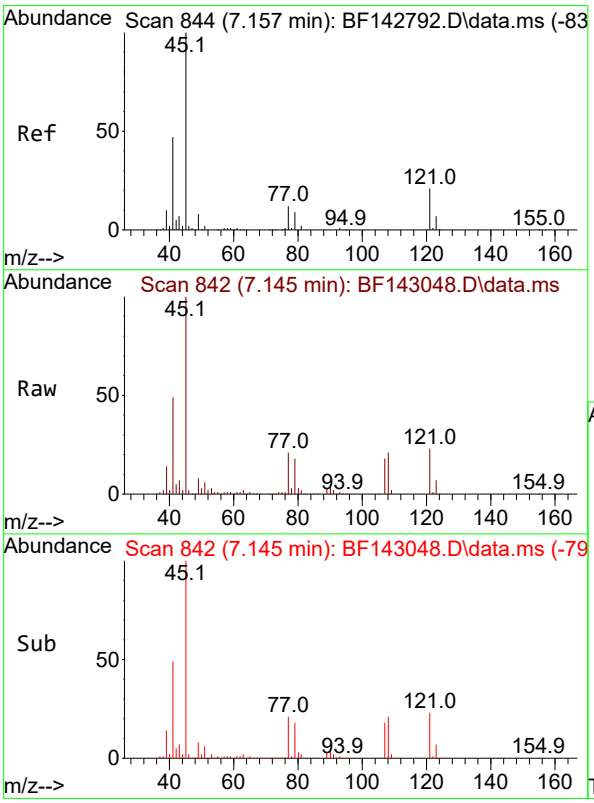
#15
Benzyl Alcohol
Concen: 40.276 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 137398

Ion	Ratio	Lower	Upper
79	100		
108	77.4	63.4	95.0
77	60.9	49.5	74.3

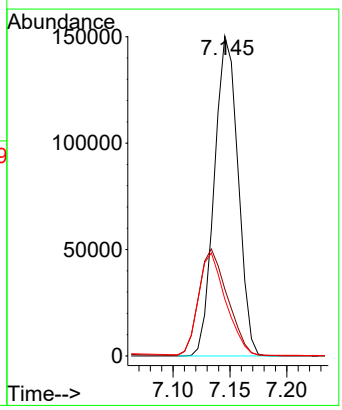


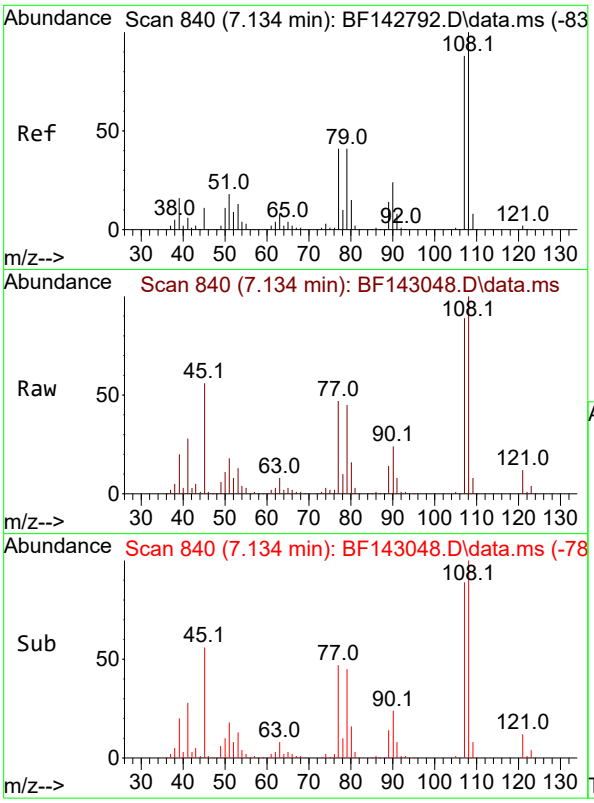


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.167 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 45 Resp: 217844

Ion	Ratio	Lower	Upper
45	100		
77	21.0	0.0	32.8
79	17.8	0.0	29.8



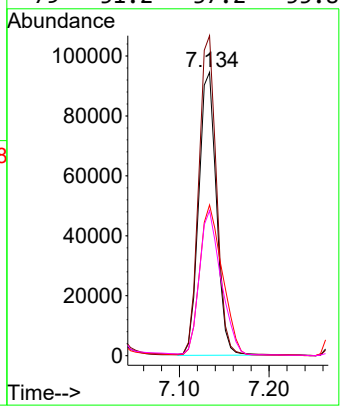


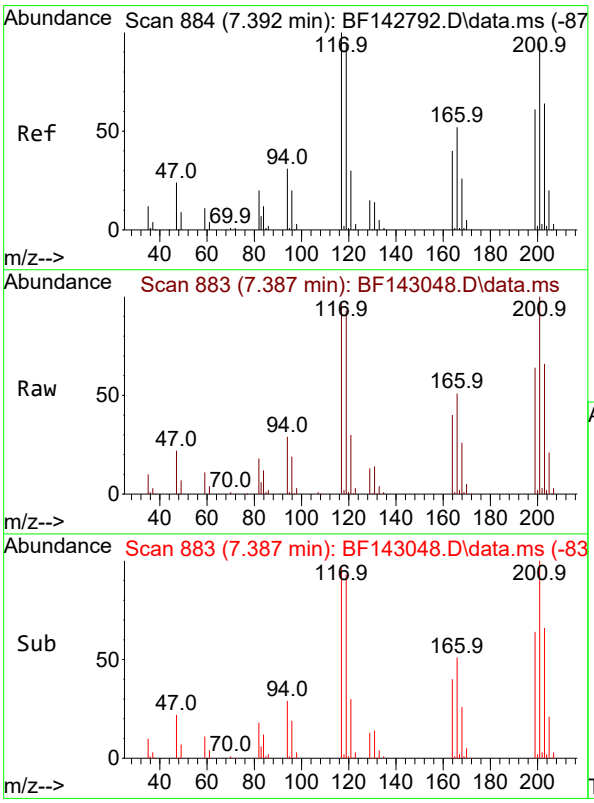
#17
2-Methylphenol
Concen: 39.442 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 128959

Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.9	136.3
77	53.2	37.3	55.9
79	51.2	37.2	55.8

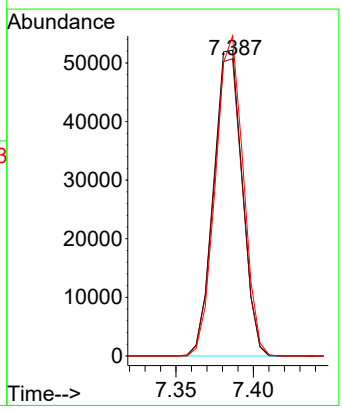


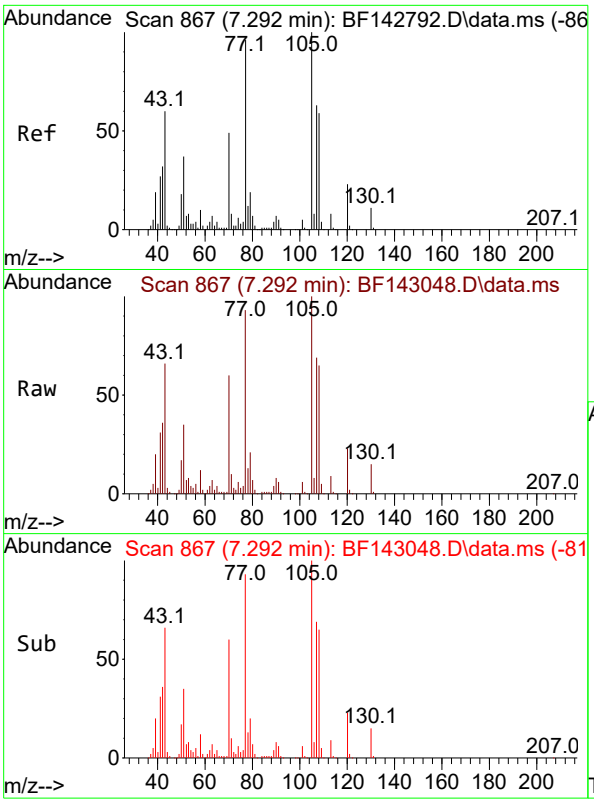


#18
Hexachloroethane
Concen: 39.381 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:117 Resp: 67058

Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.4	113.0
201	104.6	75.9	113.9



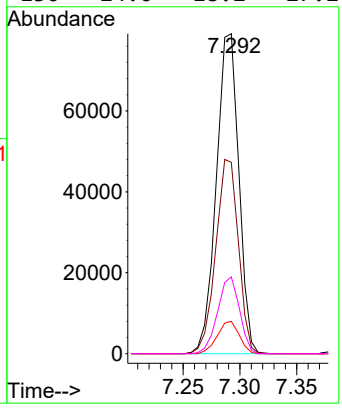


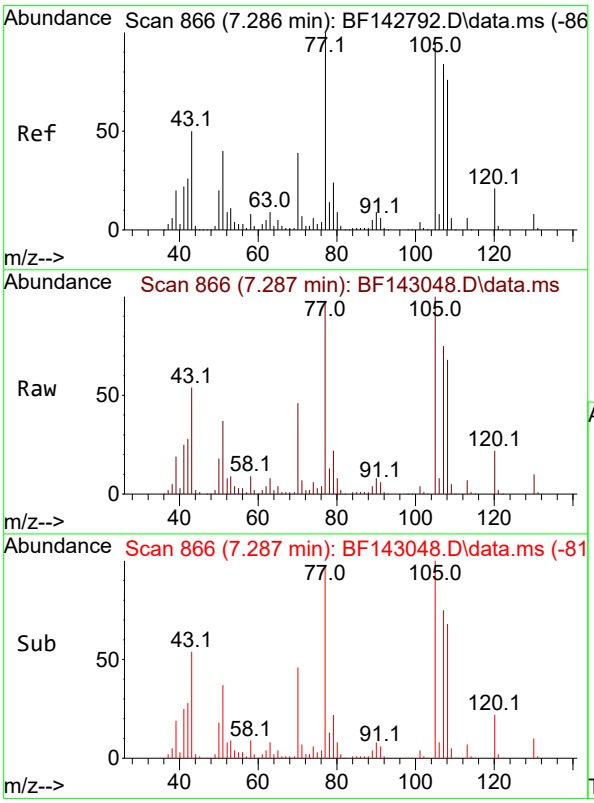
#19
n-Nitroso-di-n-propylamine
Concen: 39.730 ng
RT: 7.292 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 109039

Ion	Ratio	Lower	Upper
70	100		
42	59.8	52.1	78.1
101	10.1	8.2	12.2
130	24.0	18.2	27.2

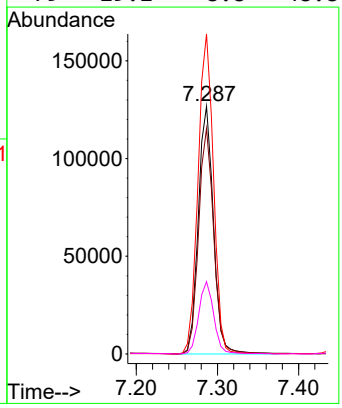


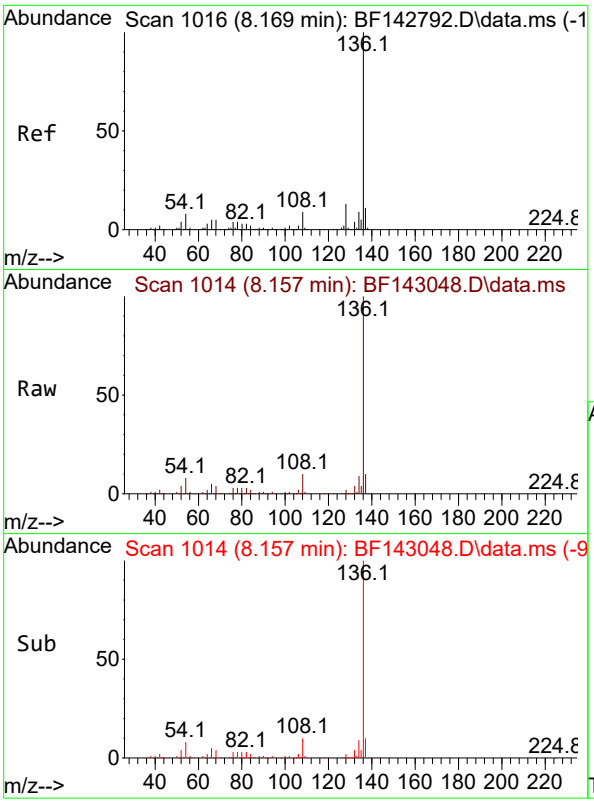


#20
3+4-Methylphenols
Concen: 40.452 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:107 Resp: 164907

Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.0	110.0
77	129.2	98.5	138.5
79	29.2	8.8	48.8



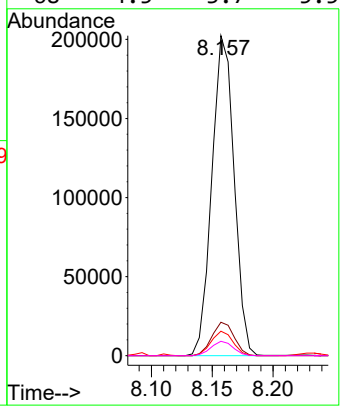


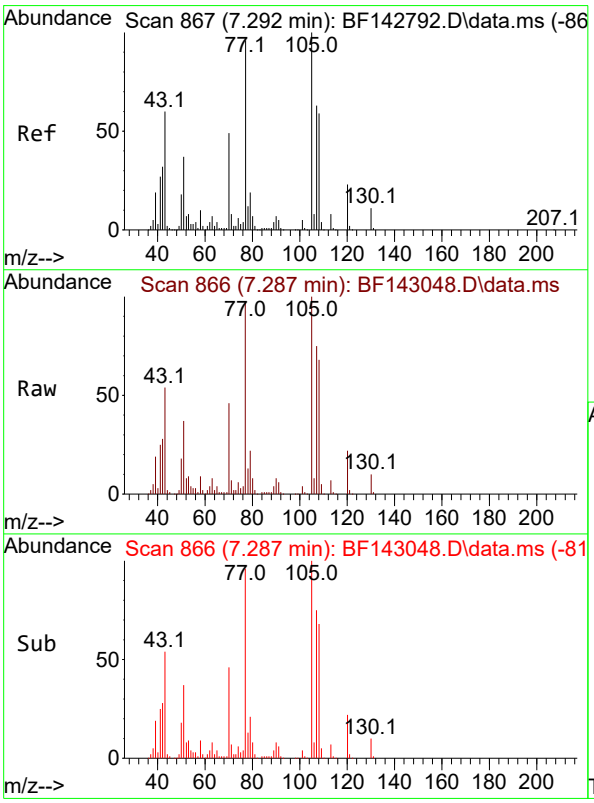
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 257344

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.6	6.3	9.5
68	4.5	3.7	5.5

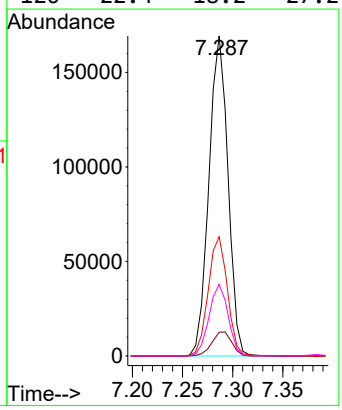


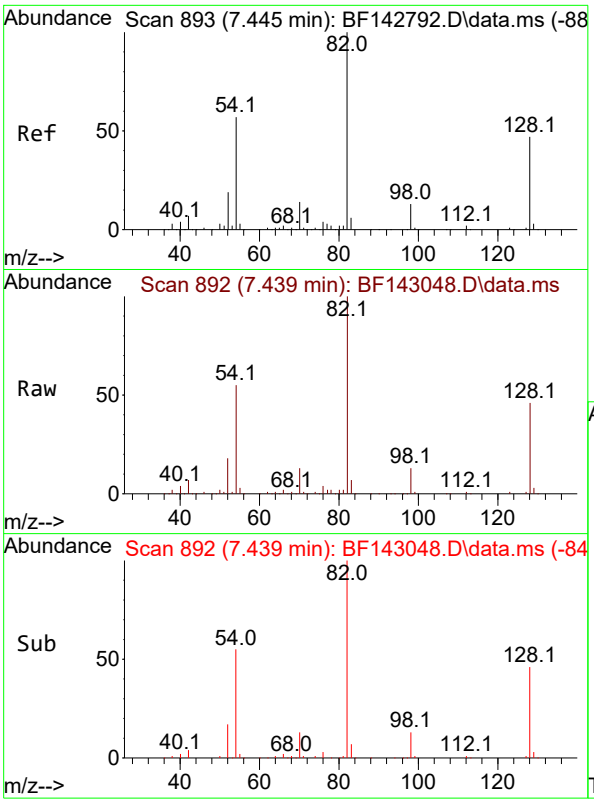


#22
Acetophenone
Concen: 39.455 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:105 Resp: 223904

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.5	9.7
51	37.3	29.8	44.8
120	22.4	18.2	27.2



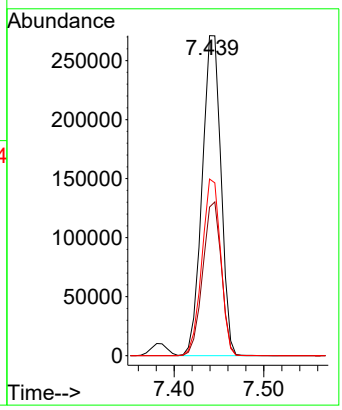


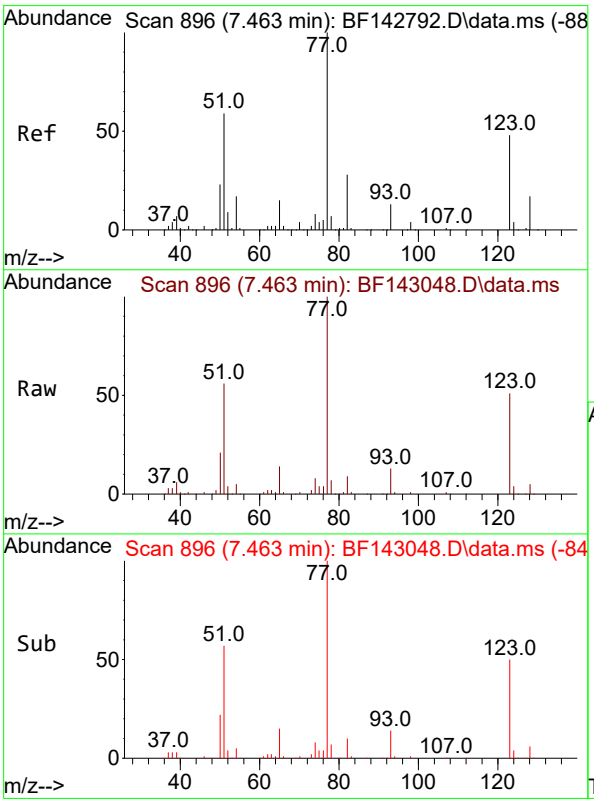
#23
Nitrobenzene-d5
Concen: 84.131 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 394718

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.7	56.5
54	55.2	45.7	68.5

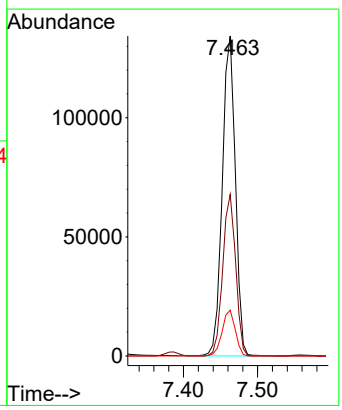


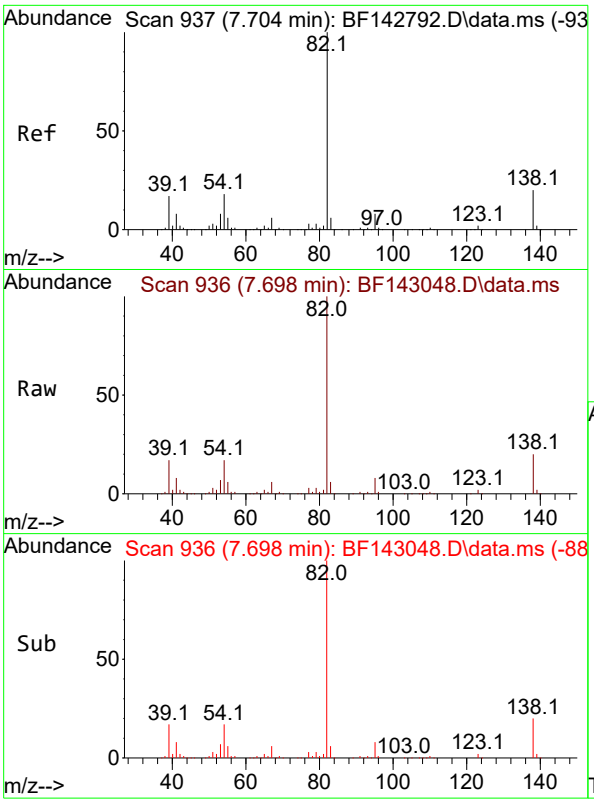


#24
Nitrobenzene
Concen: 38.894 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 77 Resp: 165163

Ion	Ratio	Lower	Upper
77	100		
123	50.5	39.2	58.8
65	14.3	11.6	17.4



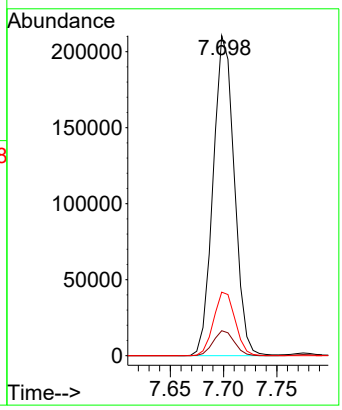


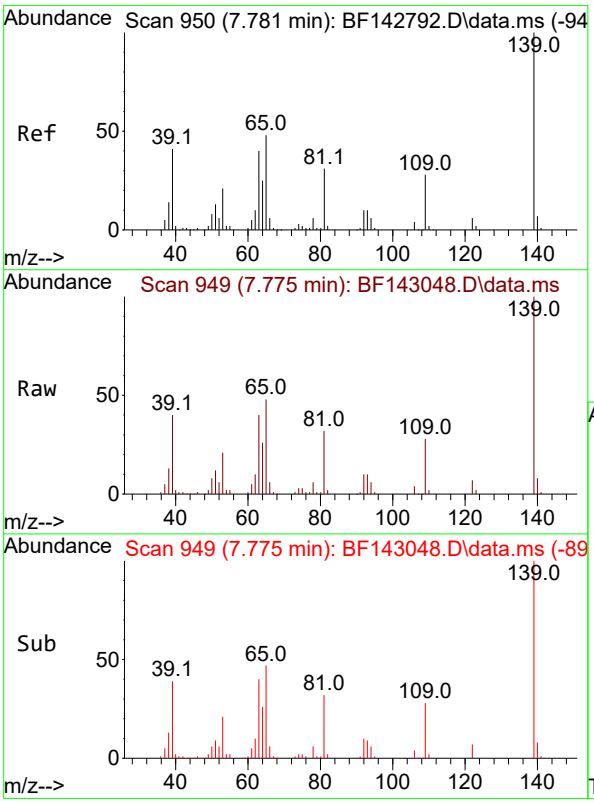
#25
Isophorone
Concen: 38.685 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 291150

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.2	9.2
138	19.9	16.2	24.4

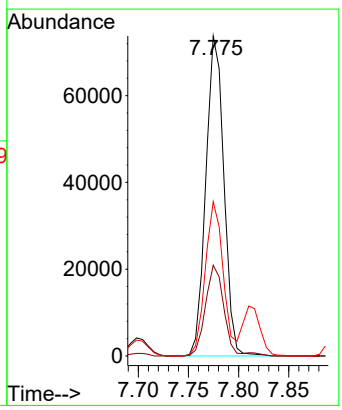


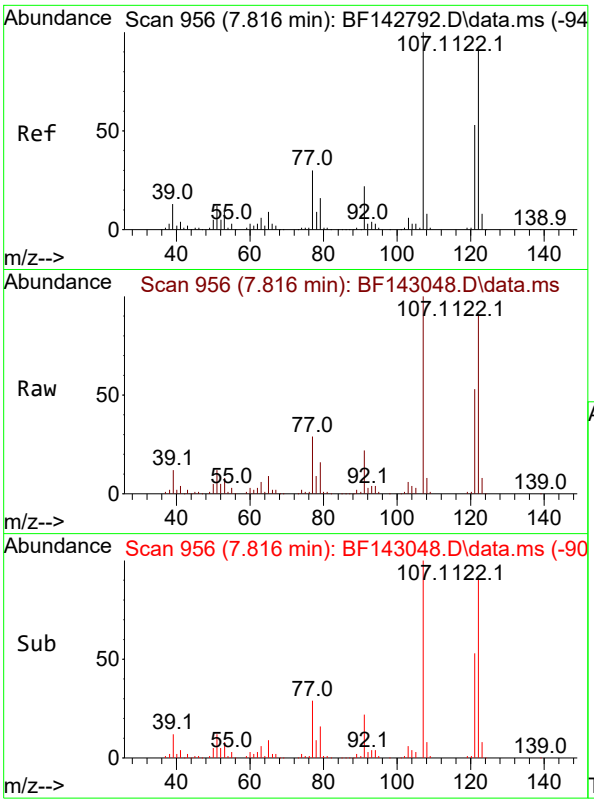


#26
2-Nitrophenol
Concen: 39.996 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:139 Resp: 92518

Ion	Ratio	Lower	Upper
139	100		
109	28.3	22.7	34.1
65	48.2	38.6	58.0



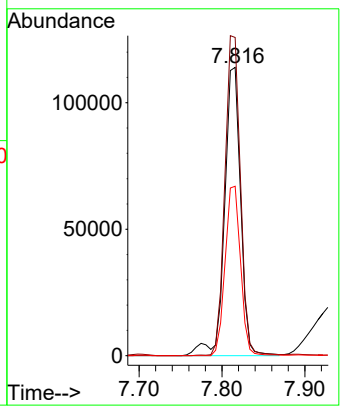


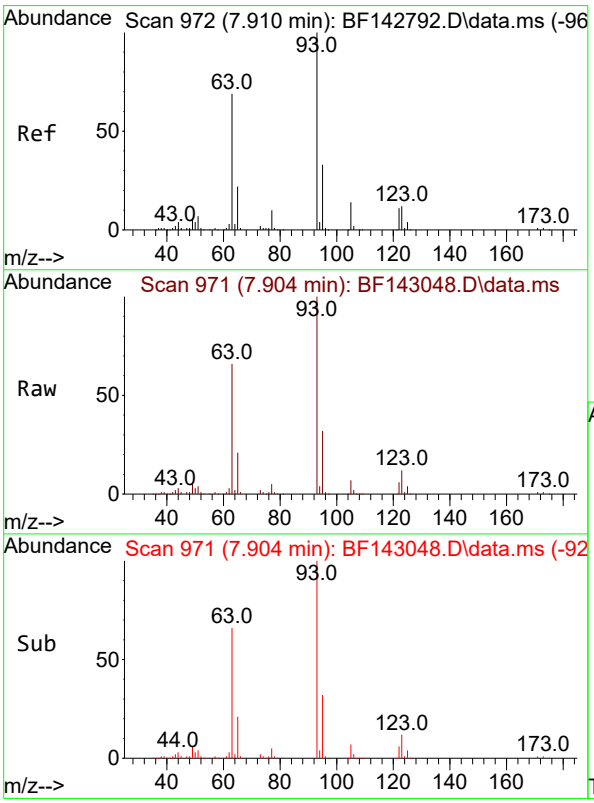
#27
2,4-Dimethylphenol
Concen: 38.323 ng m
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 153557

Ion	Ratio	Lower	Upper
122	100		
107	110.4	88.0	132.0
121	58.8	46.3	69.5

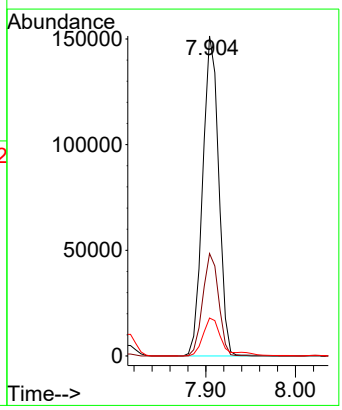


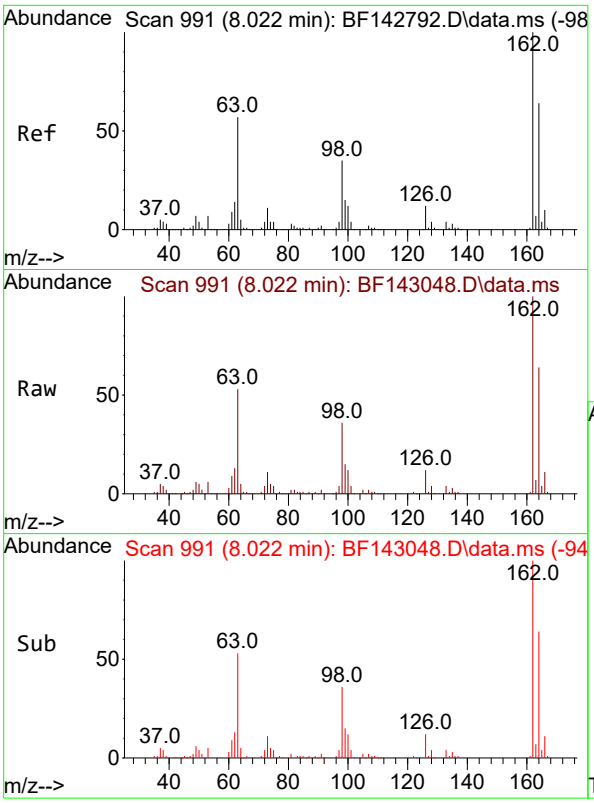


#28
bis(2-Chloroethoxy)methane
Concen: 39.139 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 93 Resp: 187275

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.2
123	11.8	9.9	14.9



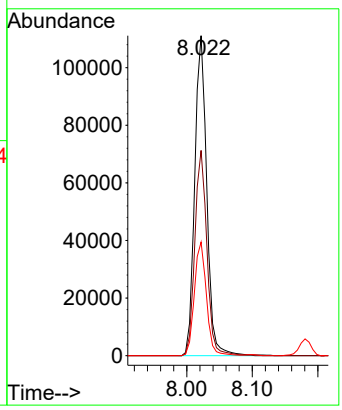


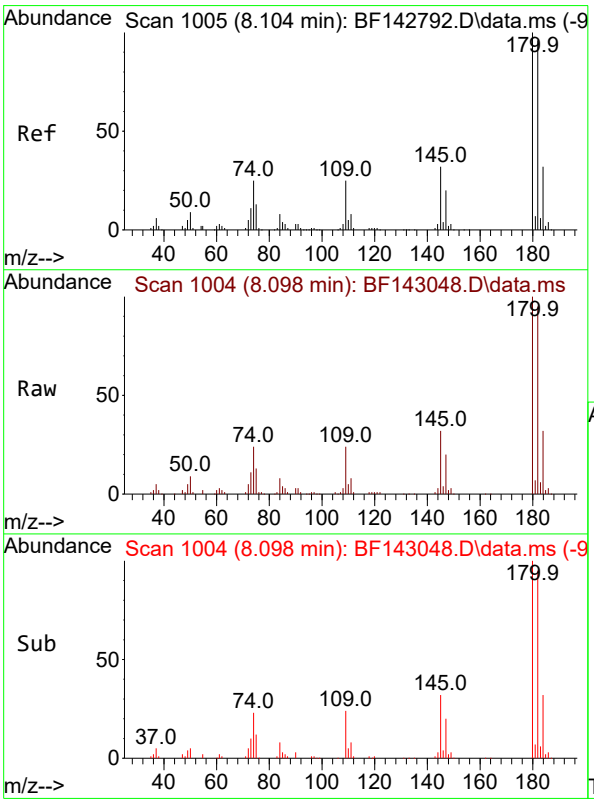
#29
2,4-Dichlorophenol
Concen: 39.186 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 142368

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.0	84.0
98	35.5	15.4	55.4

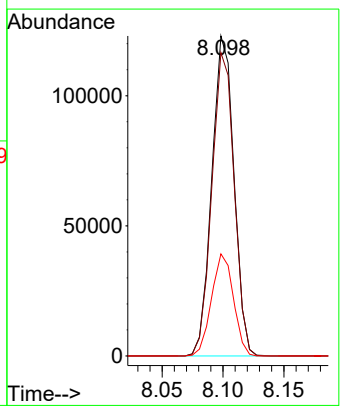


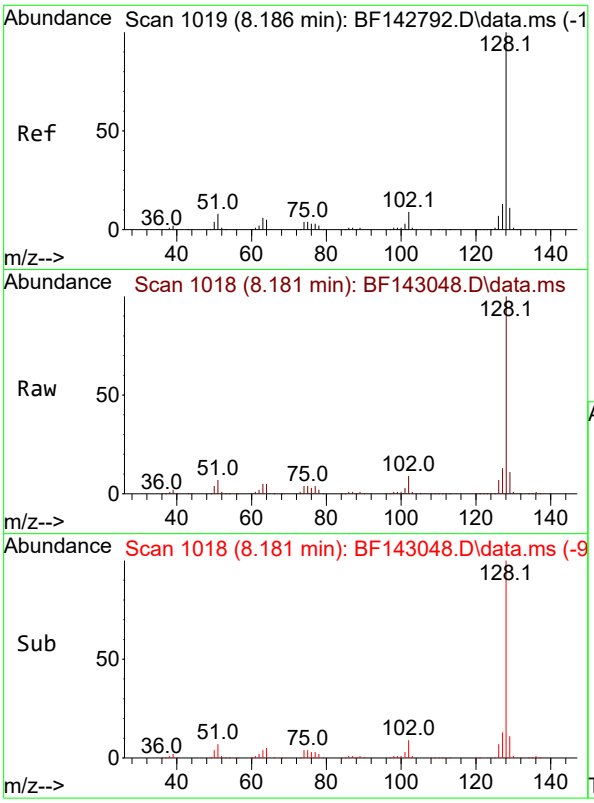


#30
1,2,4-Trichlorobenzene
Concen: 38.924 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:180 Resp: 155501

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.4	114.6
145	31.9	25.8	38.8



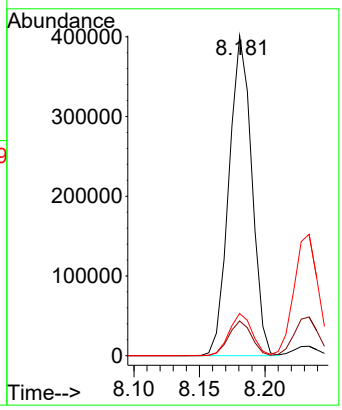


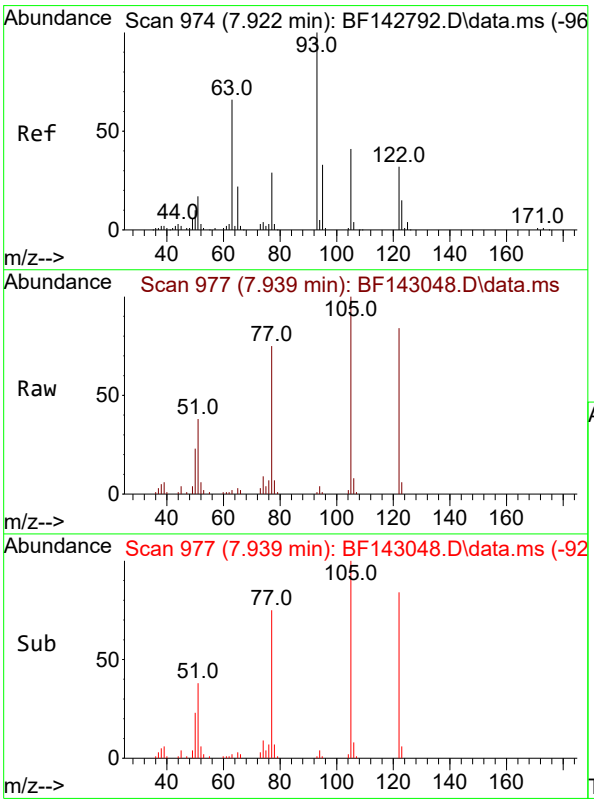
#31
Naphthalene
Concen: 38.510 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 485090

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.2	10.4	15.6

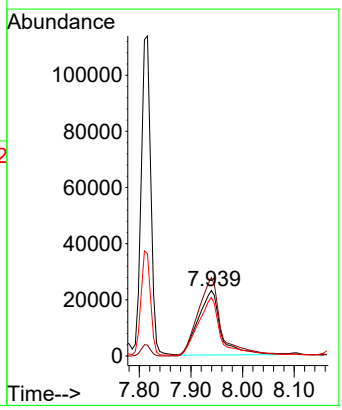


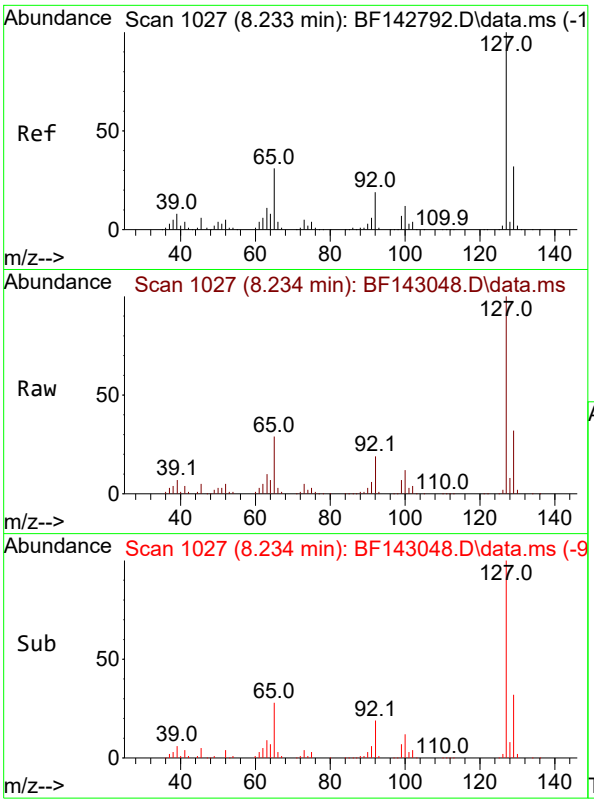


#32
Benzoic acid
Concen: 34.368 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:122 Resp: 70188

Ion	Ratio	Lower	Upper
122	100		
105	119.7	104.7	144.7
77	89.3	70.2	110.2



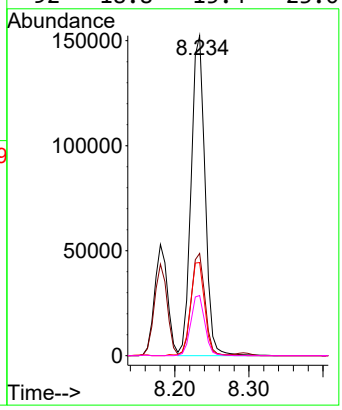


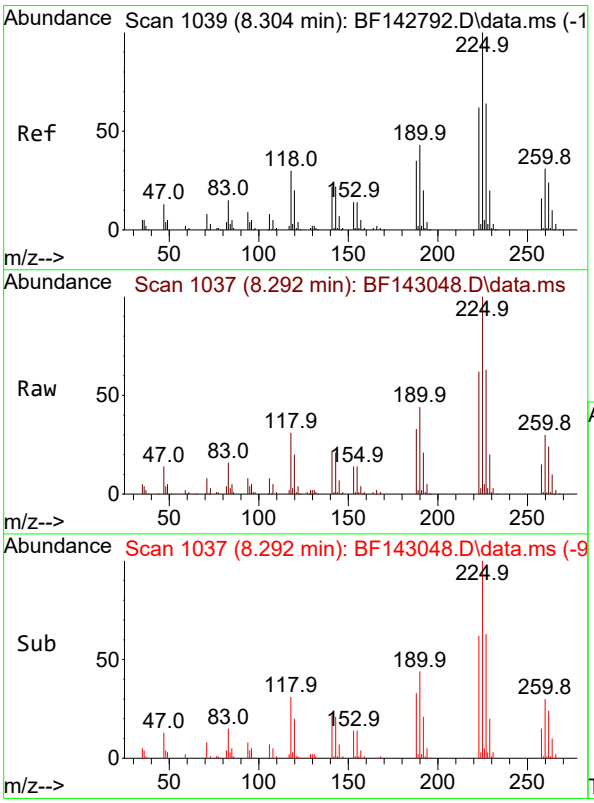
#33
4-Chloroaniline
Concen: 38.729 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 198369

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	29.1	24.6	36.8
92	18.8	15.4	23.0

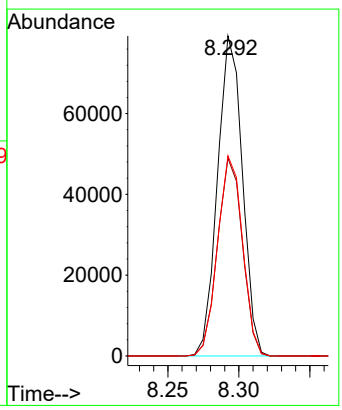


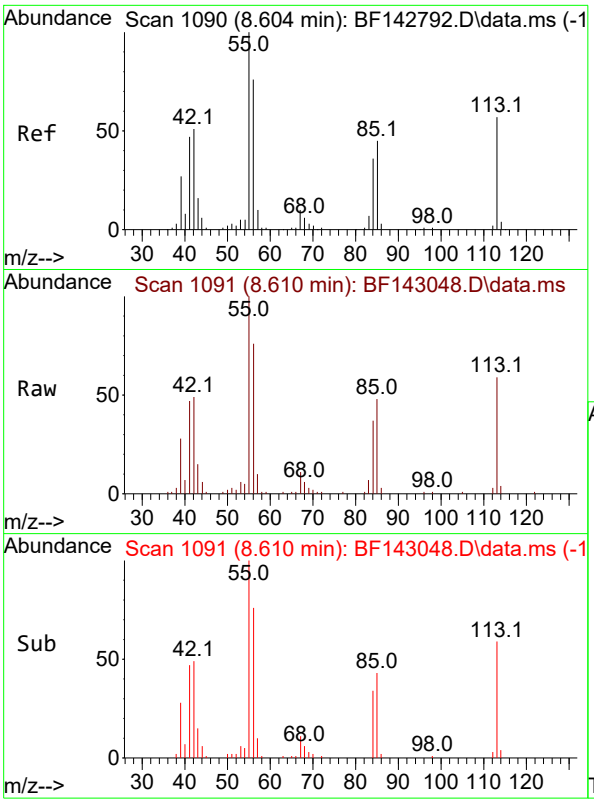


#34
Hexachlorobutadiene
Concen: 39.459 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:225 Resp: 96425

Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.9	74.9
227	62.6	51.4	77.0



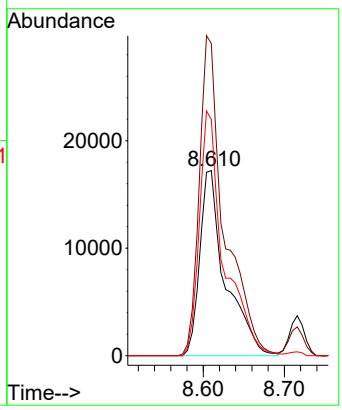


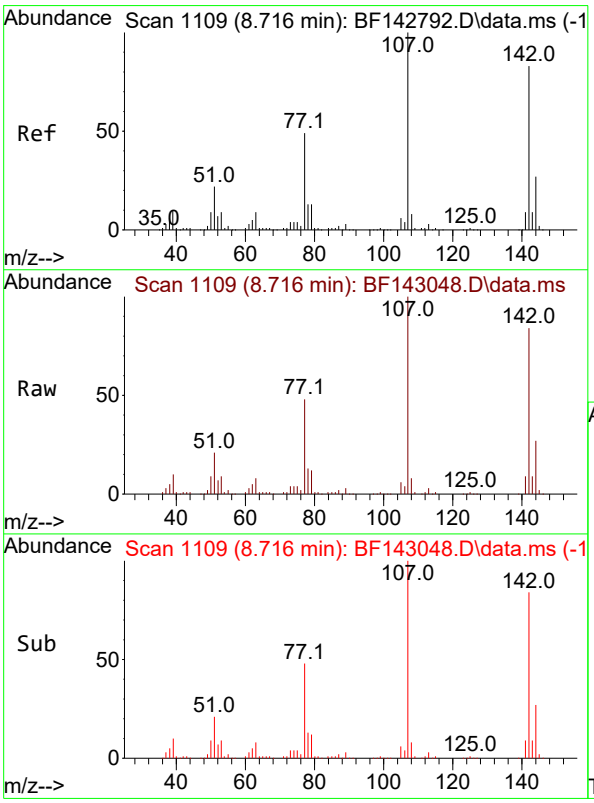
#35
Caprolactam
Concen: 39.295 ng
RT: 8.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 37672

Ion	Ratio	Lower	Upper
113	100		
55	168.6	154.4	194.4
56	127.5	112.1	152.1

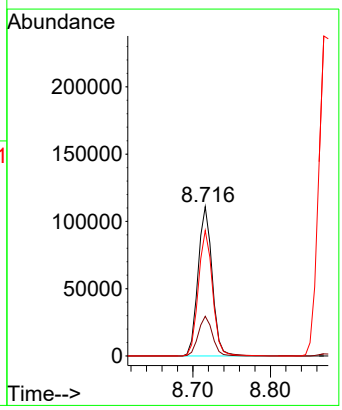


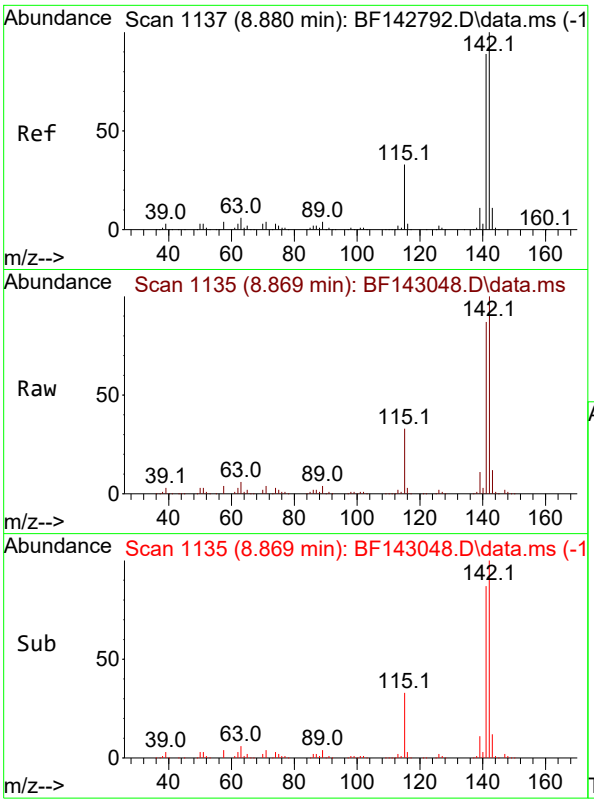


#36
4-Chloro-3-methylphenol
Concen: 39.110 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:107 Resp: 141216

Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.3	31.9
142	84.0	66.6	100.0



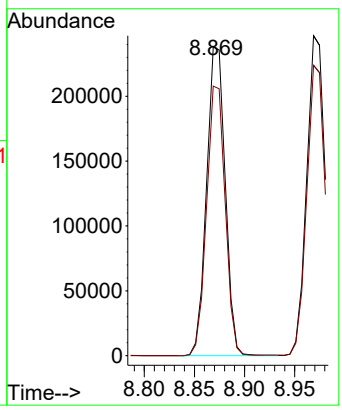


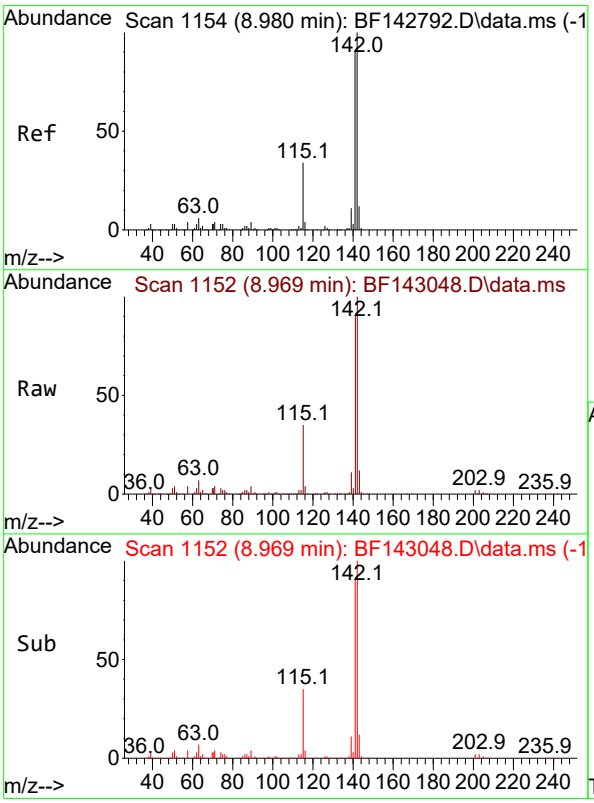
#37
2-Methylnaphthalene
Concen: 39.399 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 307684

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.9	106.3

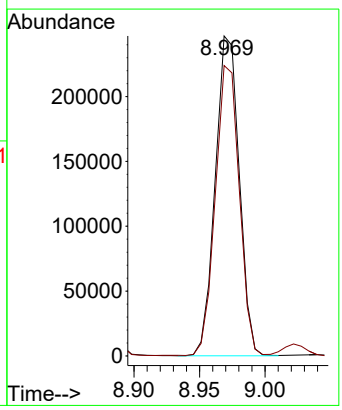


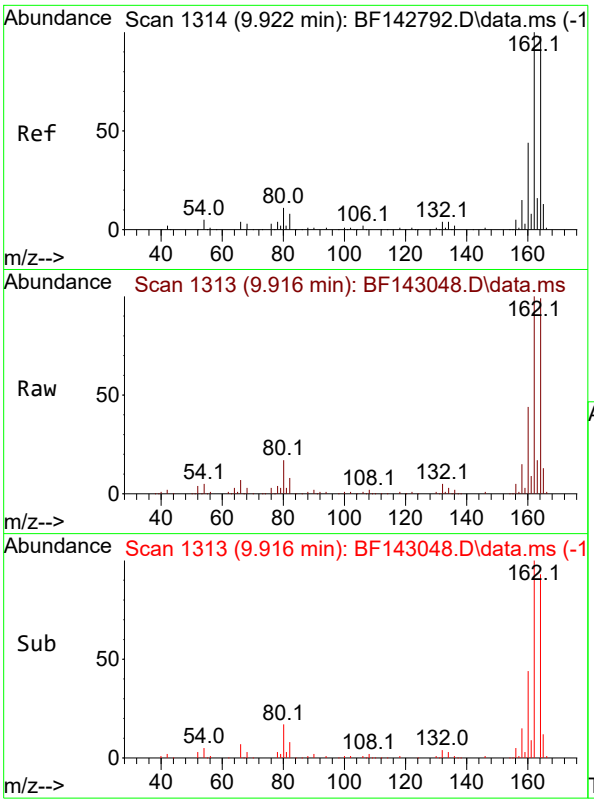


#38
1-Methylnaphthalene
Concen: 38.726 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:142 Resp: 313072

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.0	109.4



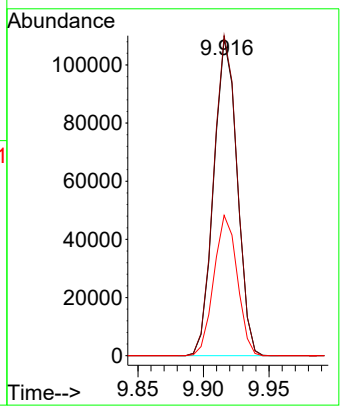


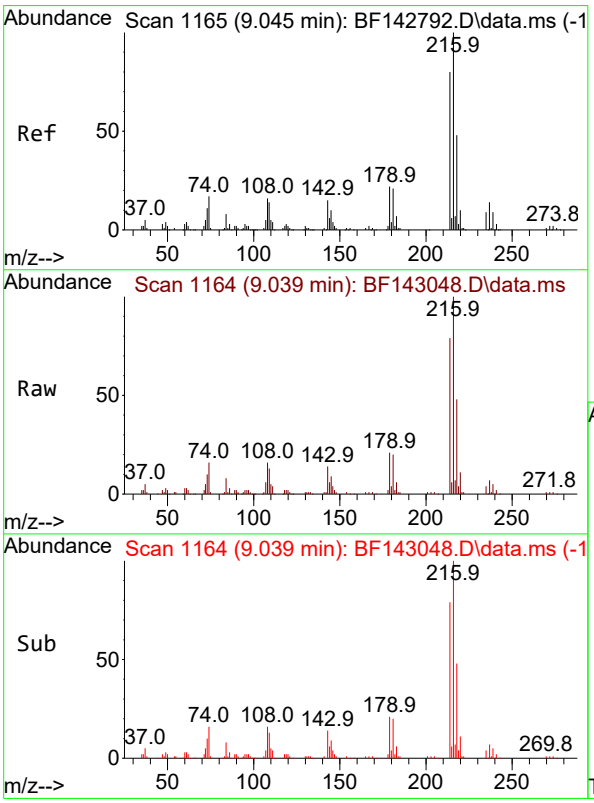
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 135062

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.8	122.8
160	44.3	36.0	54.0

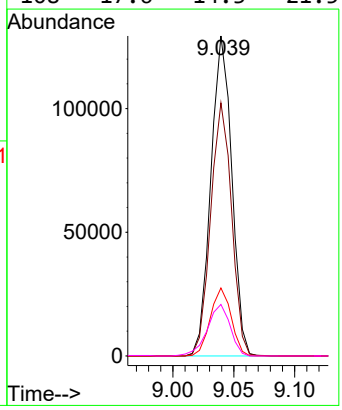


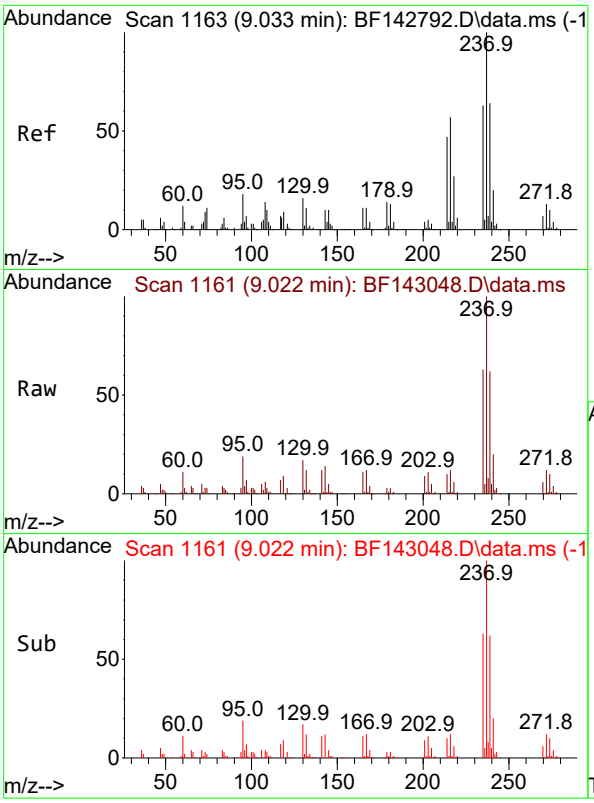


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.800 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:216 Resp: 154627

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.7	95.5
179	21.1	17.6	26.4
108	17.6	14.3	21.5



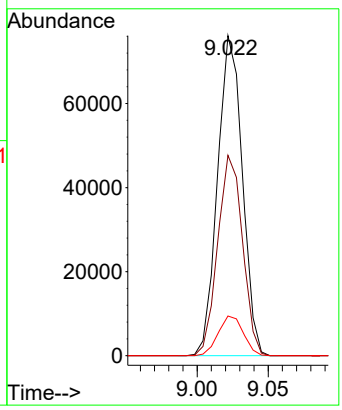


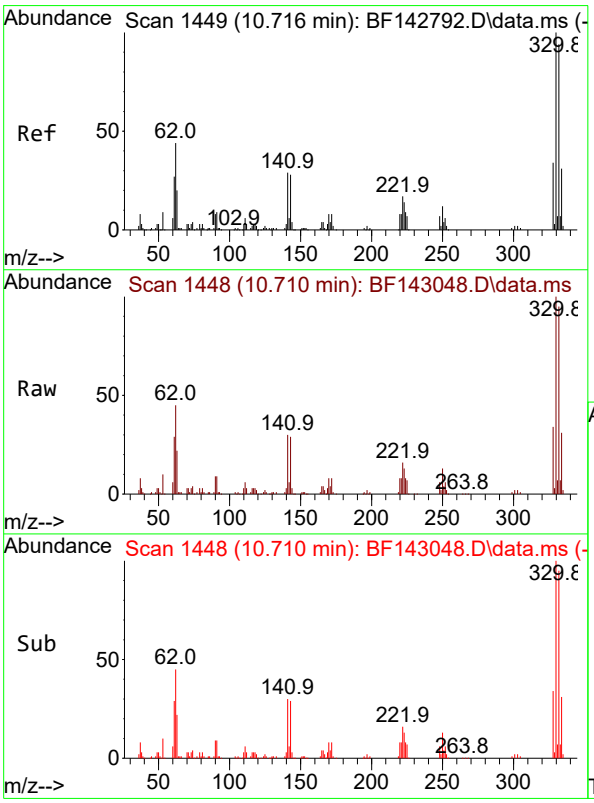
#41
Hexachlorocyclopentadiene
Concen: 40.772 ng
RT: 9.022 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 92207

Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.4	83.4
272	12.4	0.0	32.7

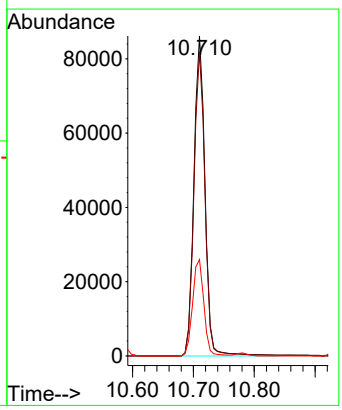


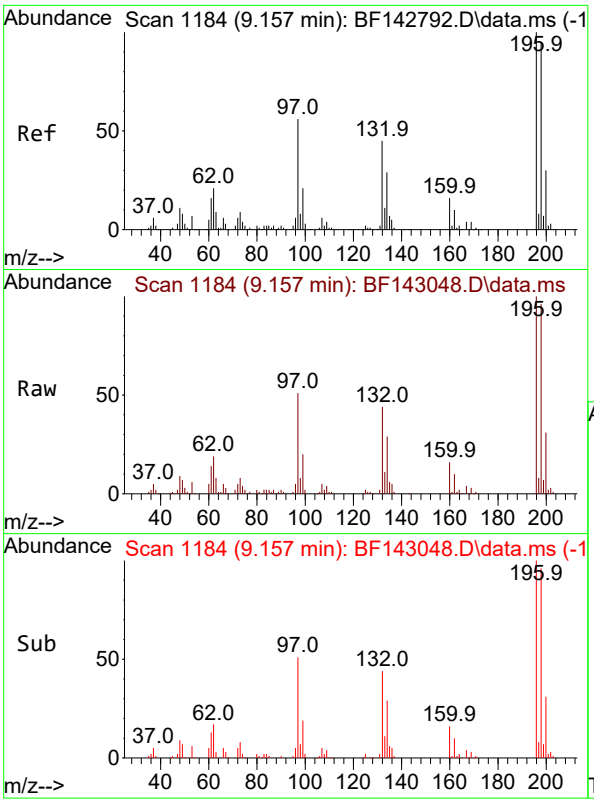


#42
2,4,6-Tribromophenol
Concen: 78.425 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:330 Resp: 109001

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.0	112.6
141	30.6	25.3	37.9



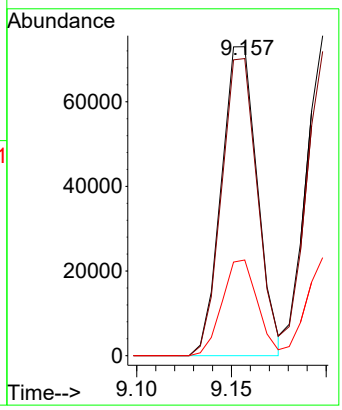


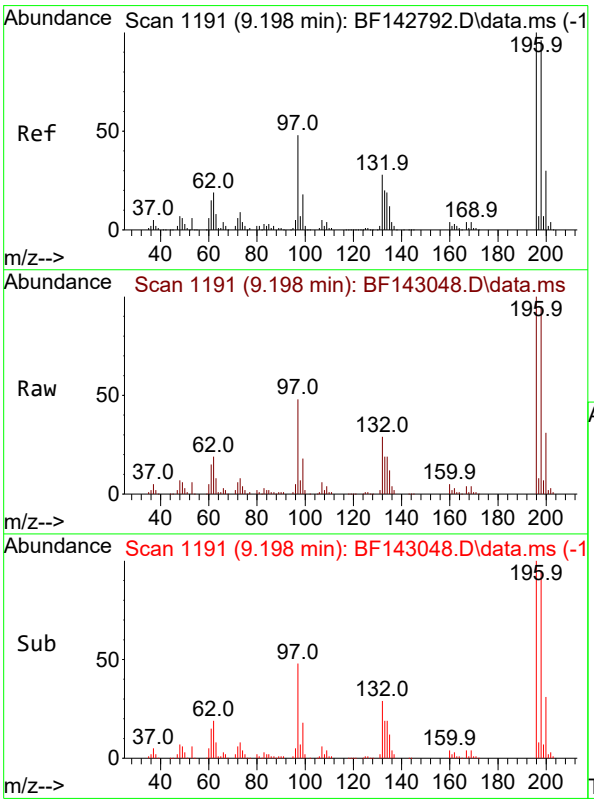
#43
2,4,6-Trichlorophenol
Concen: 37.080 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 96292

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.2
200	31.0	24.1	36.1

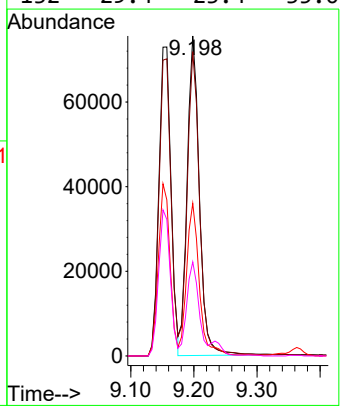


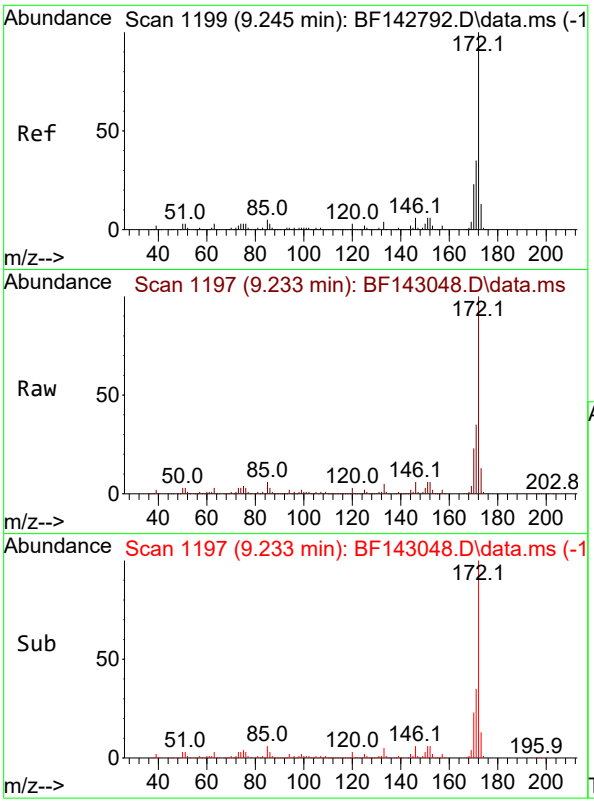


#44
2,4,5-Trichlorophenol
Concen: 37.440 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:196 Resp: 102349

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.6	115.0
97	47.7	38.2	57.2
132	29.4	23.4	35.0



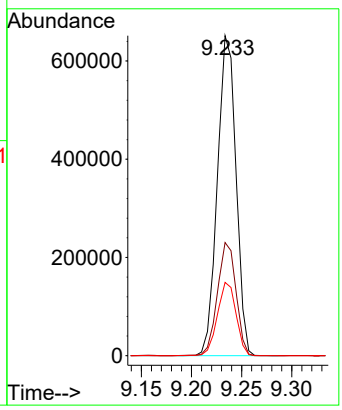


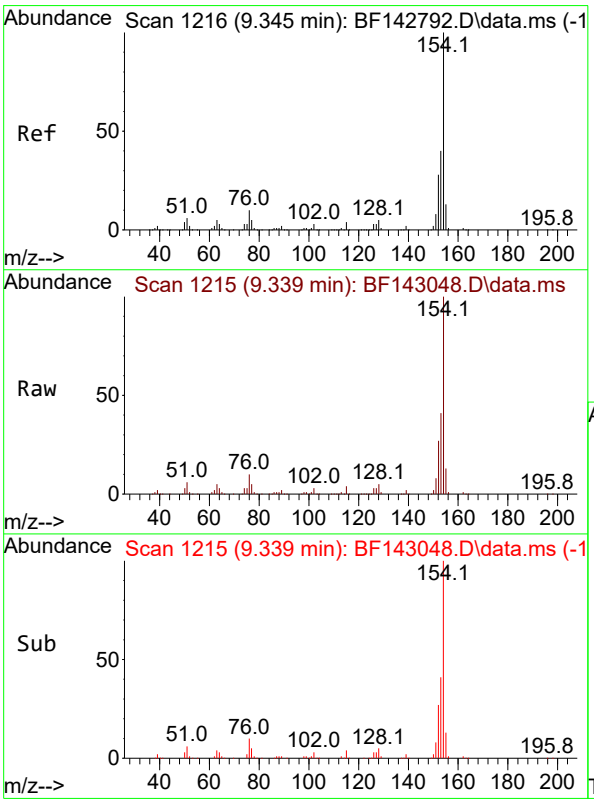
#45
2-Fluorobiphenyl
Concen: 81.687 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 839846

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	22.9	18.5	27.7

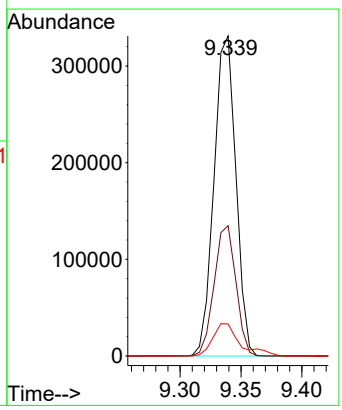


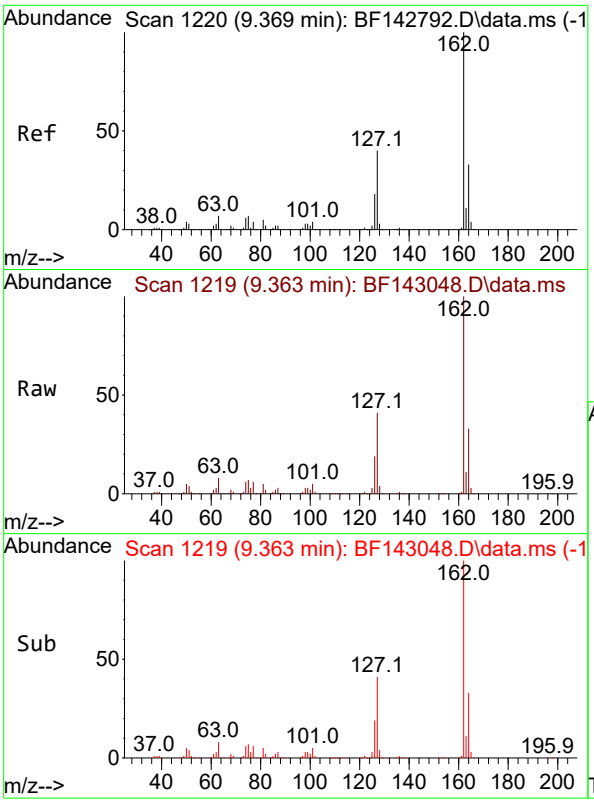


#46
1,1'-Biphenyl
Concen: 38.796 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:154 Resp: 413921

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	10.0	0.0	30.3



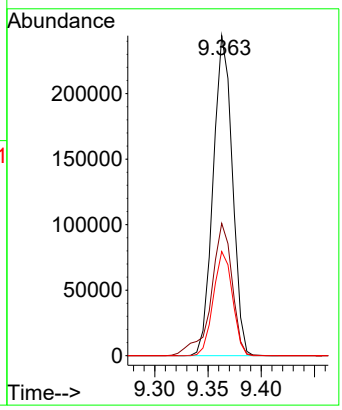


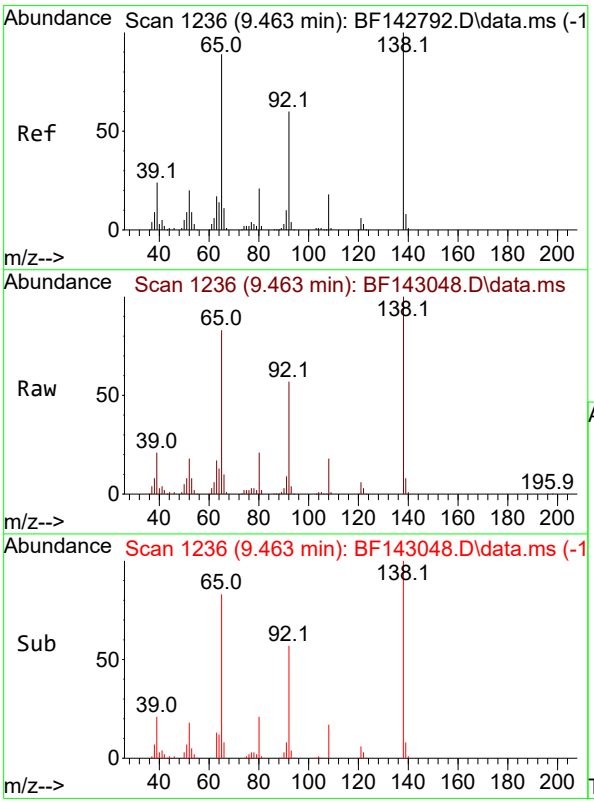
#47
2-Chloronaphthalene
Concen: 38.255 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 306289

Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.2	48.2
164	32.5	26.1	39.1

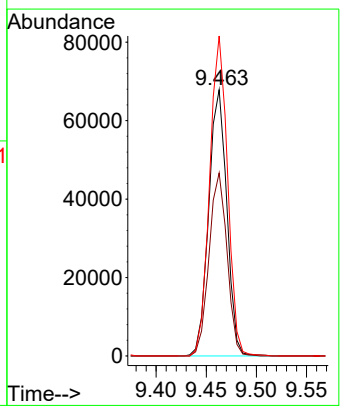


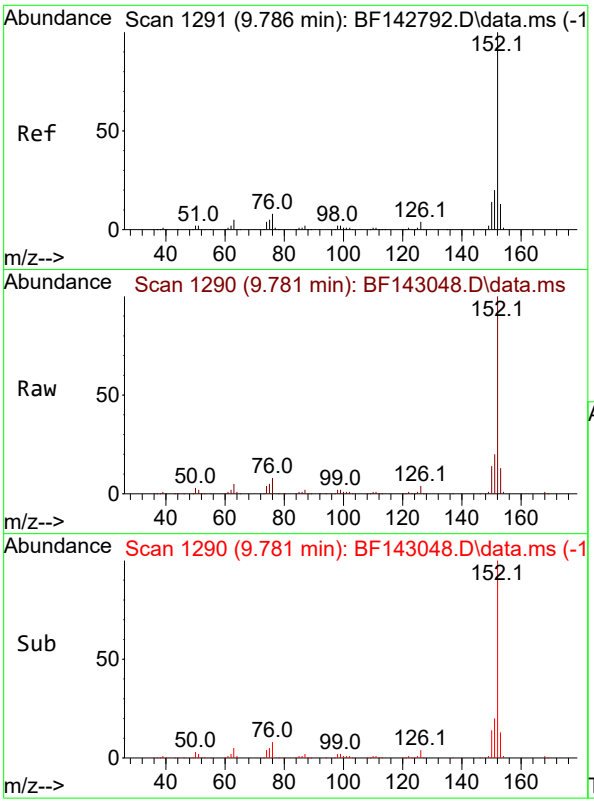


#48
2-Nitroaniline
Concen: 38.099 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion: 65 Resp: 85518

Ion	Ratio	Lower	Upper
65	100		
92	68.8	53.8	80.6
138	120.2	89.6	134.4



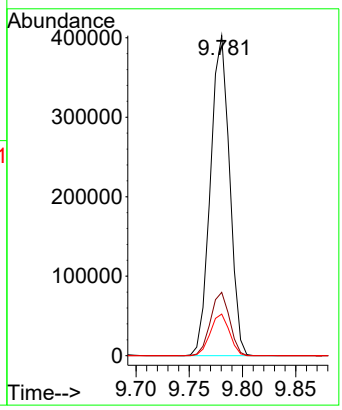


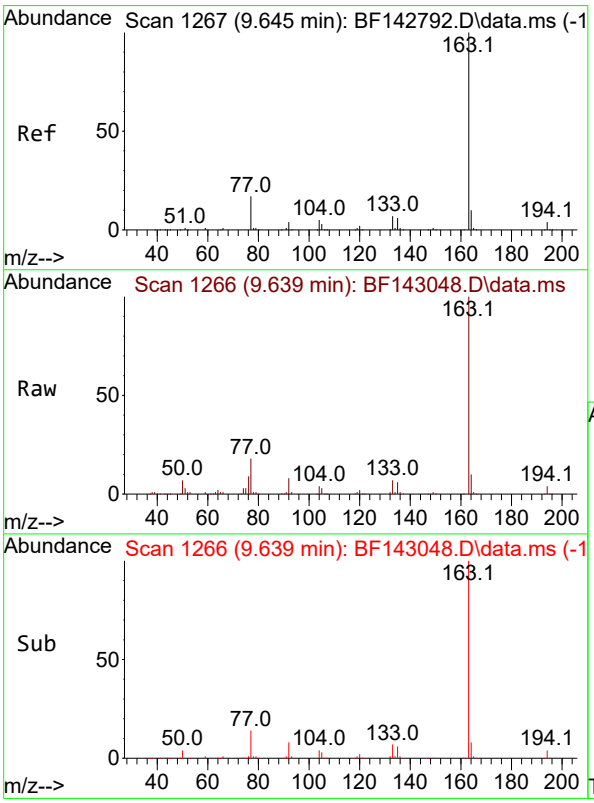
#49
Acenaphthylene
Concen: 38.176 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 503177

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.0	10.4	15.6

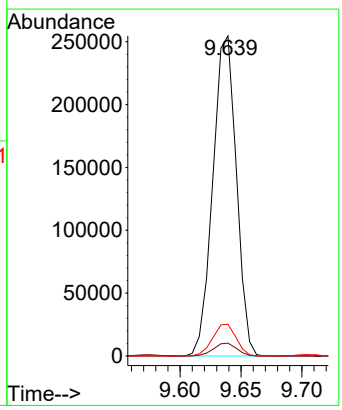


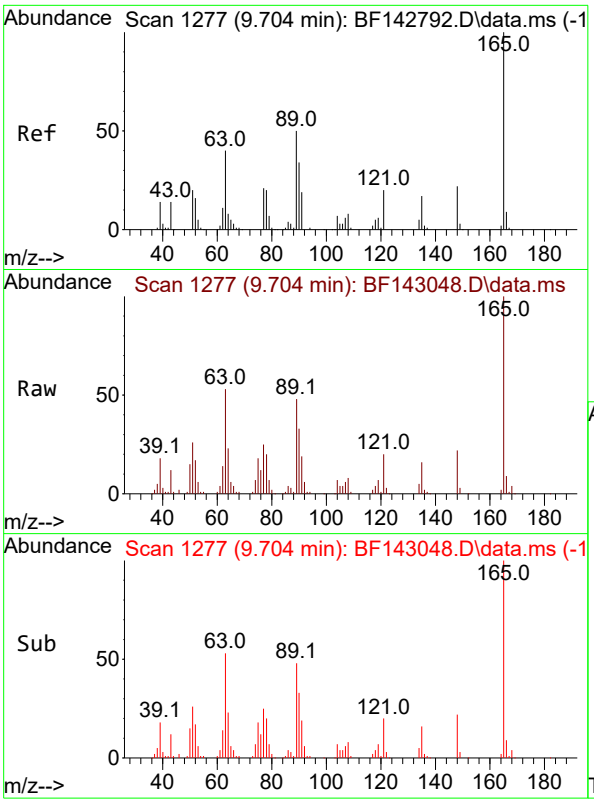


#50
Dimethylphthalate
Concen: 39.177 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:163 Resp: 342506

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	8.0	12.0



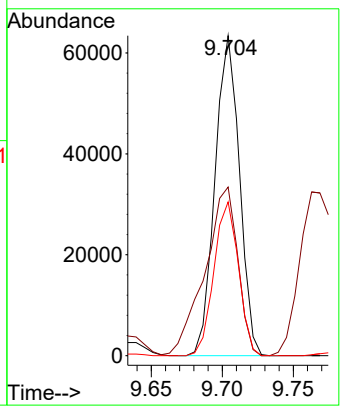


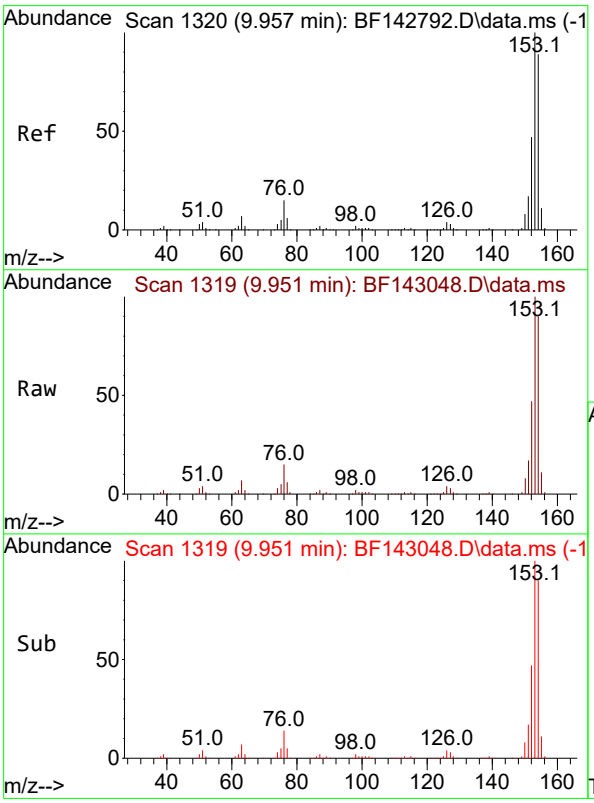
#51
2,6-Dinitrotoluene
Concen: 39.500 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 75838

Ion	Ratio	Lower	Upper
165	100		
63	52.7	44.2	66.4
89	48.1	39.8	59.8

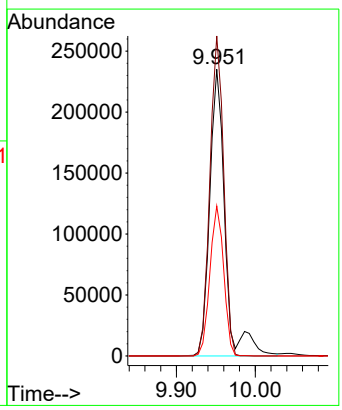


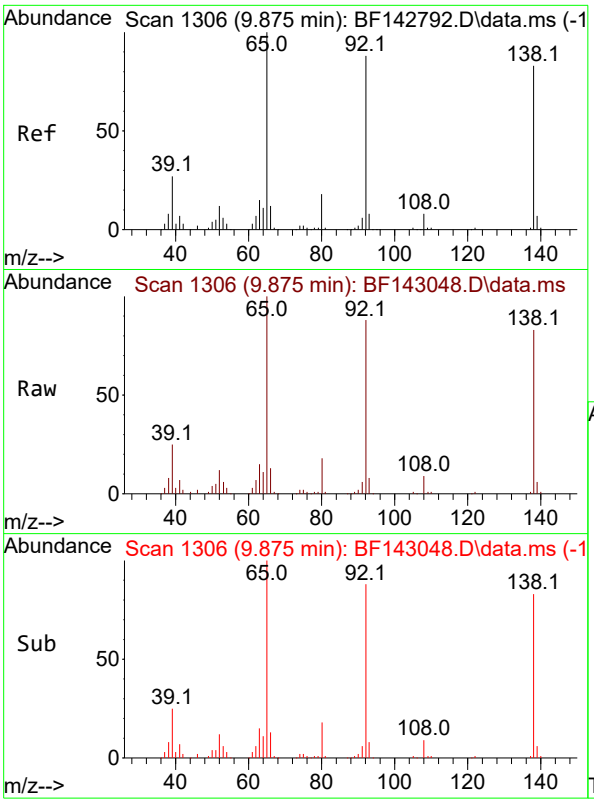


#52
Acenaphthene
Concen: 39.371 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:154 Resp: 316605

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.0	135.0
152	52.3	41.9	62.9



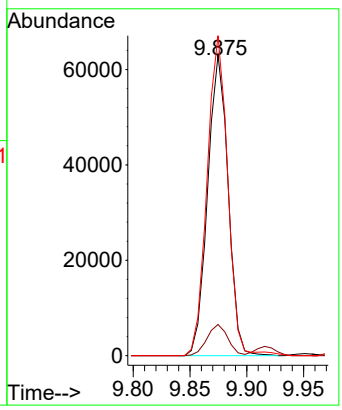


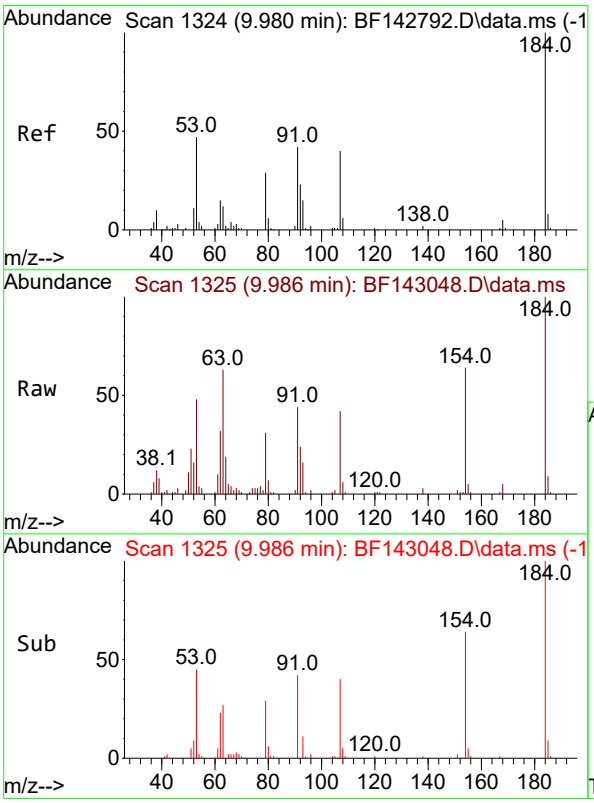
#53
3-Nitroaniline
Concen: 37.342 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 78937

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	106.5	85.1	127.7

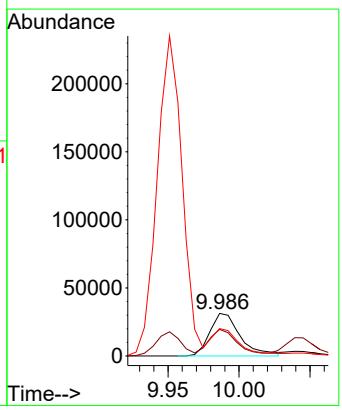


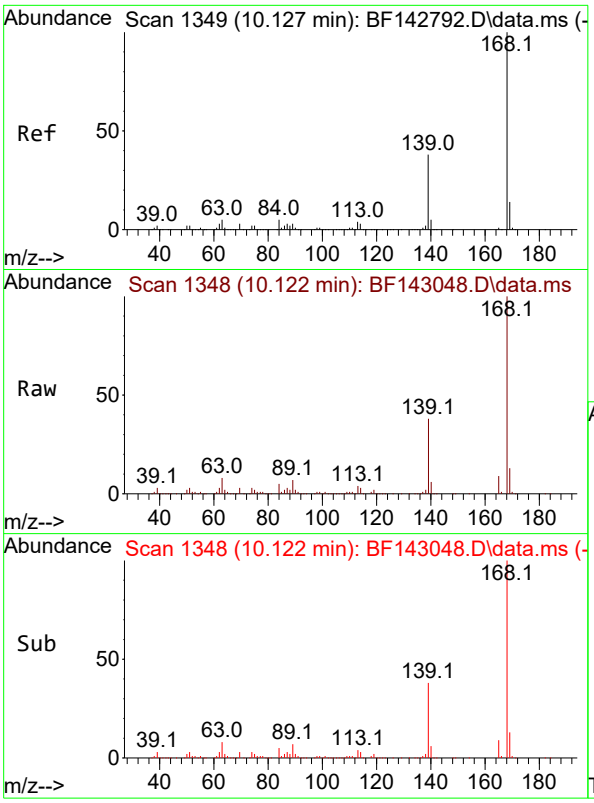


#54
2,4-Dinitrophenol
Concen: 48.583 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:184 Resp: 46706

Ion	Ratio	Lower	Upper
184	100		
63	62.6	50.6	75.8
154	64.2	51.8	77.8



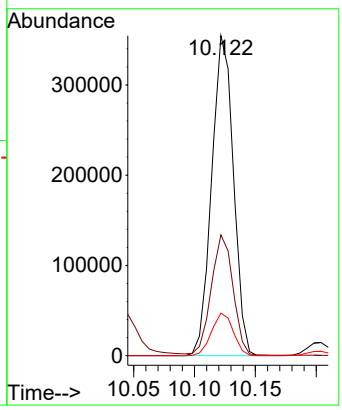


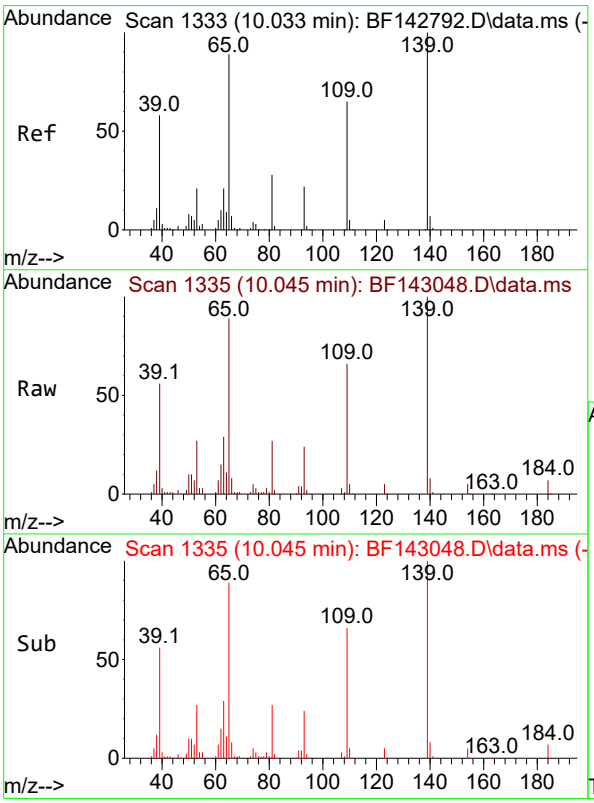
#55
Dibenzofuran
Concen: 38.190 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 440391

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.4
169	13.3	10.8	16.2

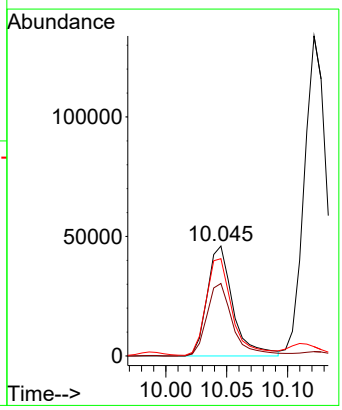


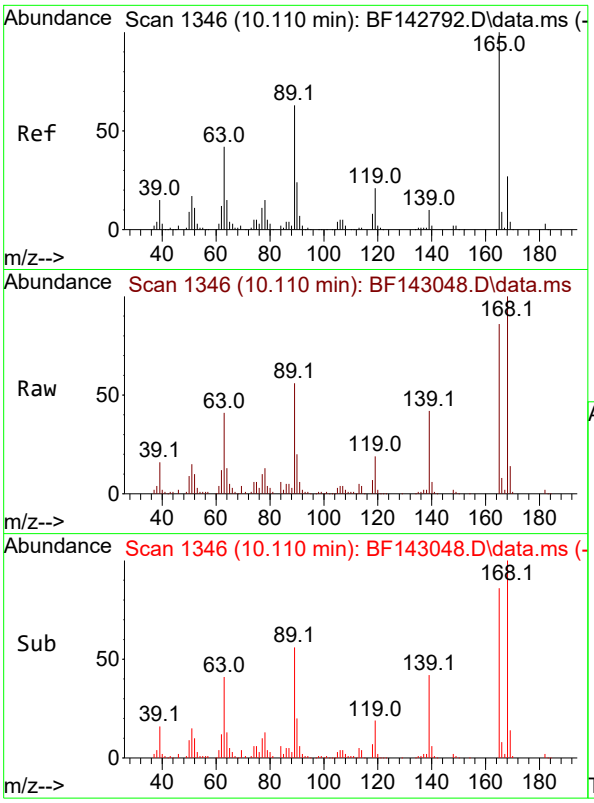


#56
4-Nitrophenol
Concen: 46.654 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:139 Resp: 67517

Ion	Ratio	Lower	Upper
139	100		
109	65.9	44.7	84.7
65	88.5	69.8	109.8



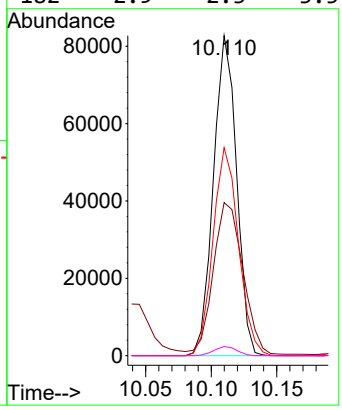


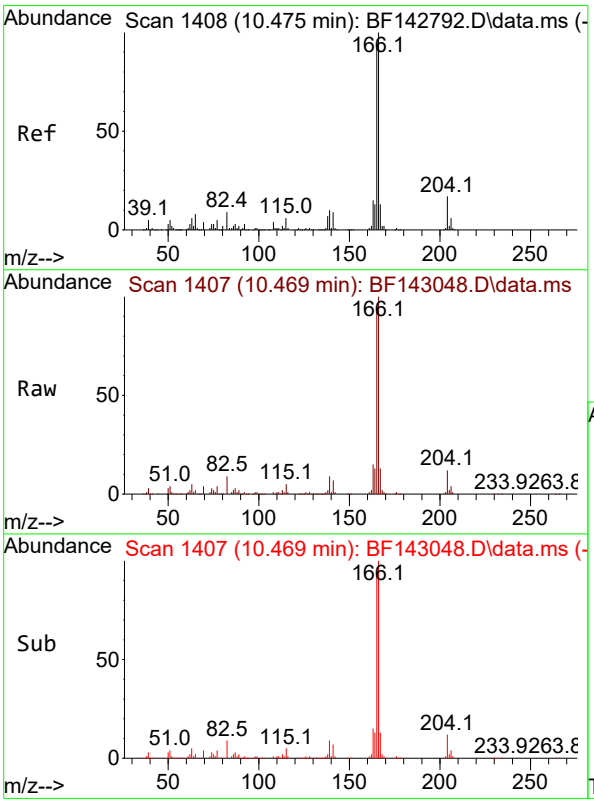
#57
2,4-Dinitrotoluene
Concen: 39.687 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 101213

Ion	Ratio	Lower	Upper
165	100		
63	47.8	33.9	50.9
89	65.0	50.6	75.8
182	2.9	2.3	3.5

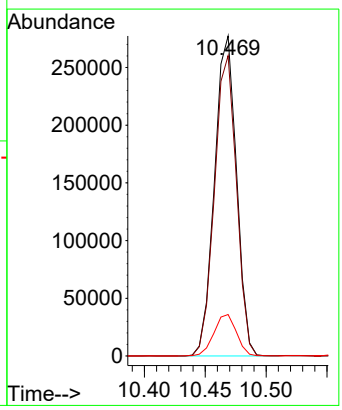


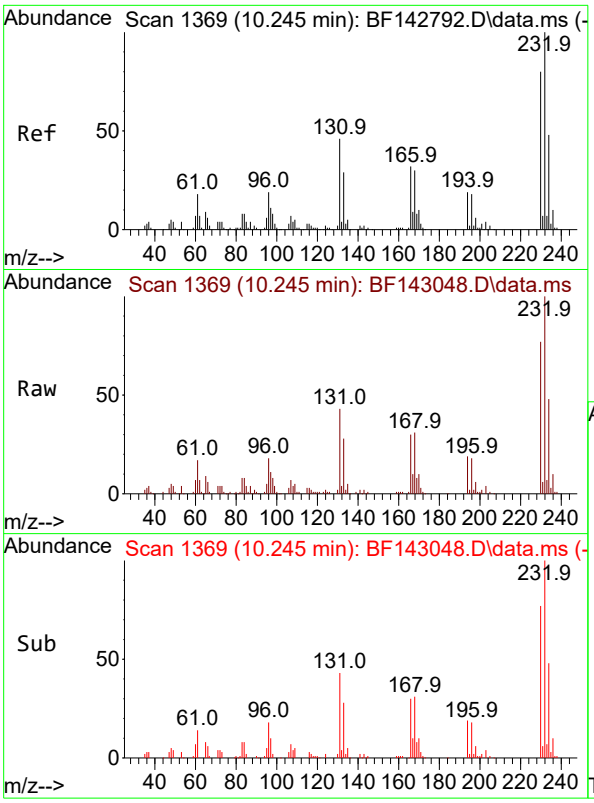


#58
Fluorene
Concen: 38.743 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:166 Resp: 348917

Ion	Ratio	Lower	Upper
166	100		
165	93.8	75.2	112.8
167	13.0	10.6	15.8



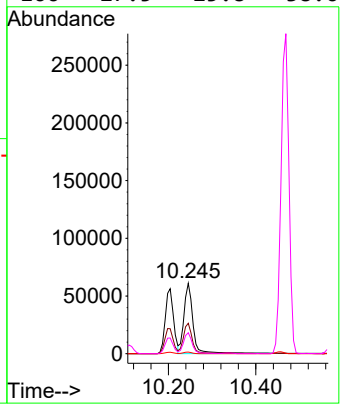


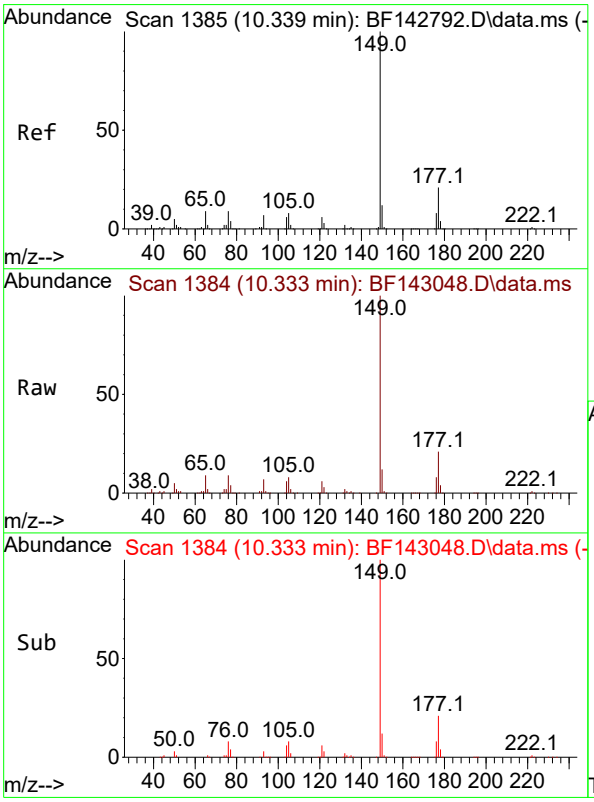
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.043 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 86032

Ion	Ratio	Lower	Upper
232	100		
131	41.5	37.6	56.4
130	2.2	1.7	2.5
166	27.5	25.8	38.6

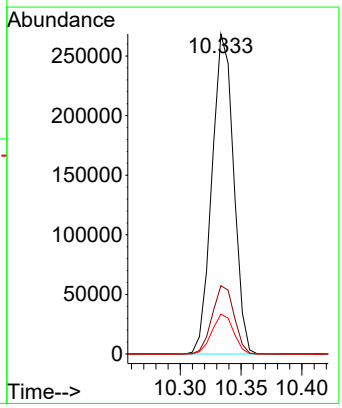


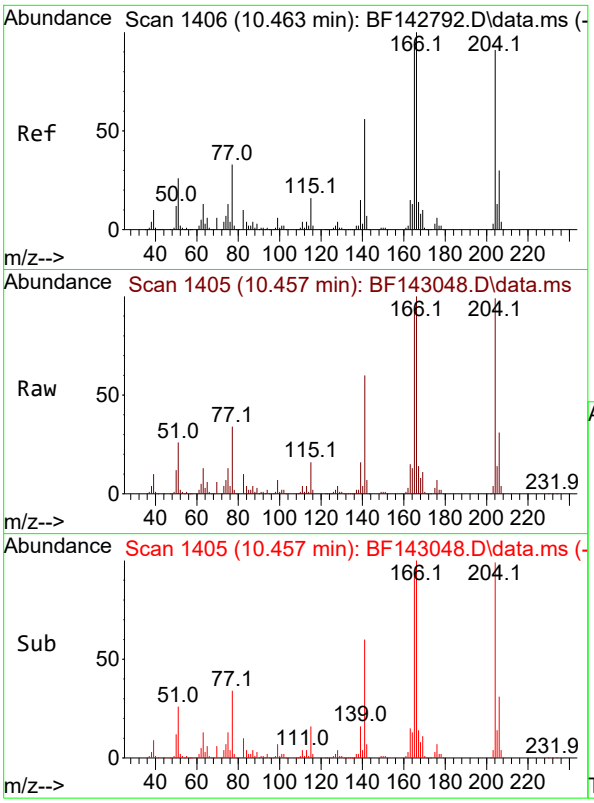


#60
Diethylphthalate
Concen: 38.796 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:149 Resp: 332556

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	12.5	9.8	14.6



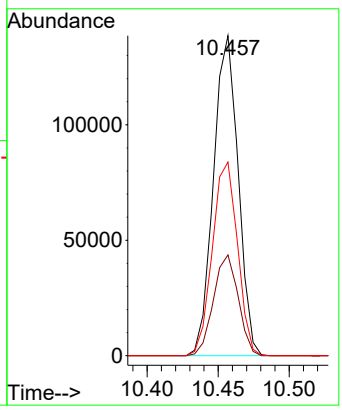


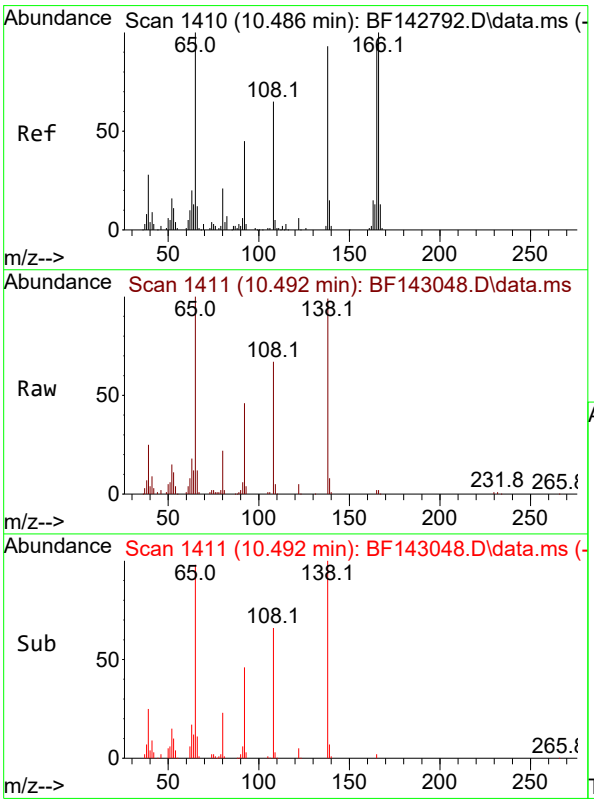
#61
4-Chlorophenyl-phenylether
Concen: 38.996 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 167583

Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.3	39.5
141	60.5	49.1	73.7

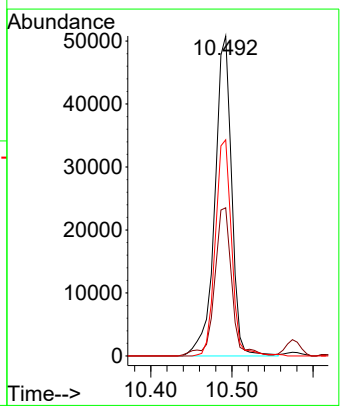


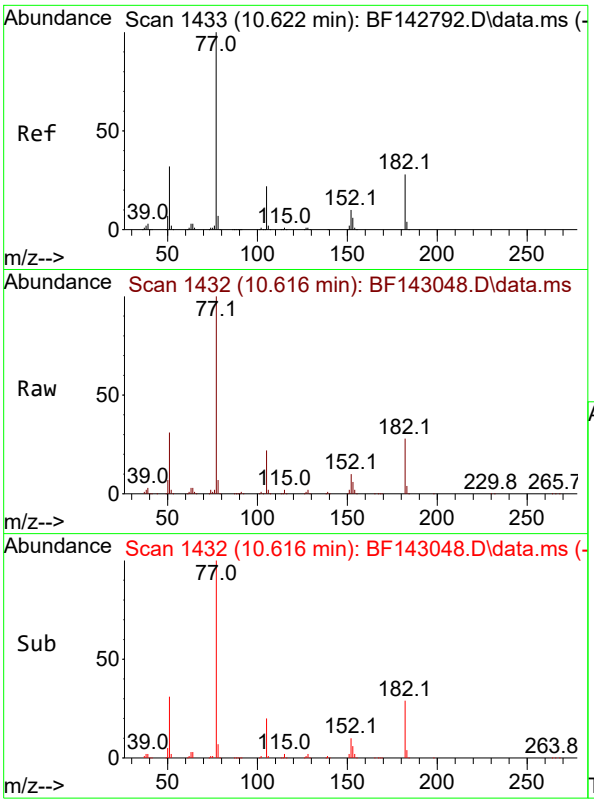


#62
4-Nitroaniline
Concen: 37.820 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:138 Resp: 73117

Ion	Ratio	Lower	Upper
138	100		
92	46.3	28.4	68.4
108	67.5	50.2	90.2



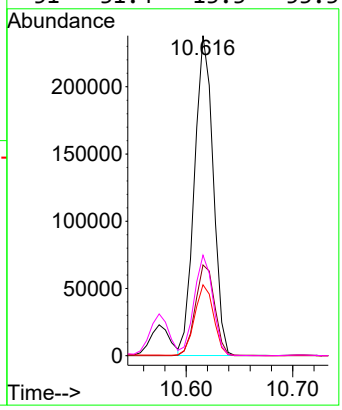


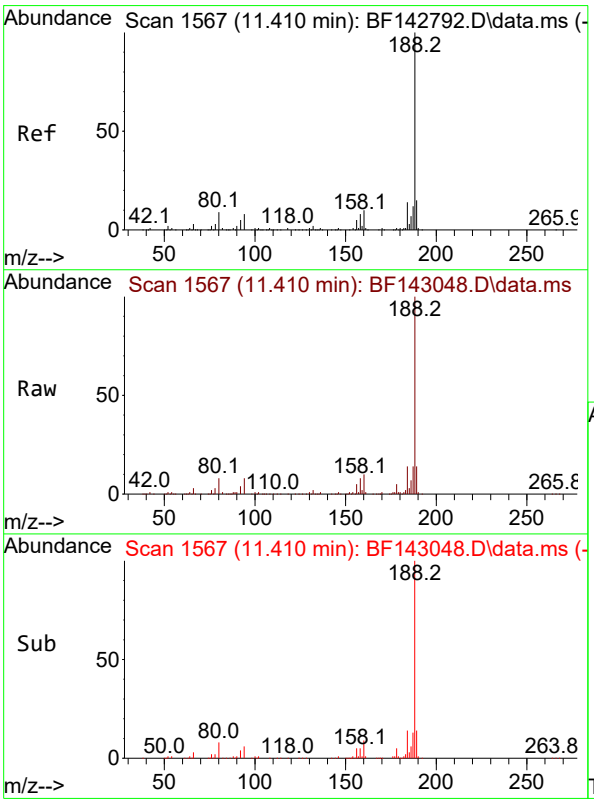
#63
Azobenzene
Concen: 37.983 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 291002

Ion	Ratio	Lower	Upper
77	100		
182	28.4	7.7	47.7
105	22.1	1.9	41.9
51	31.4	13.3	53.3

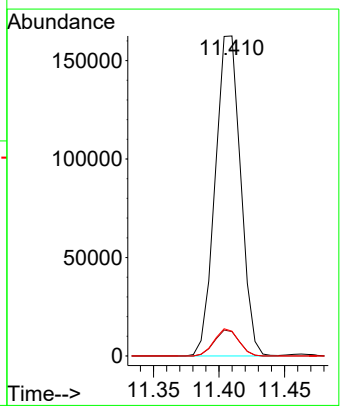


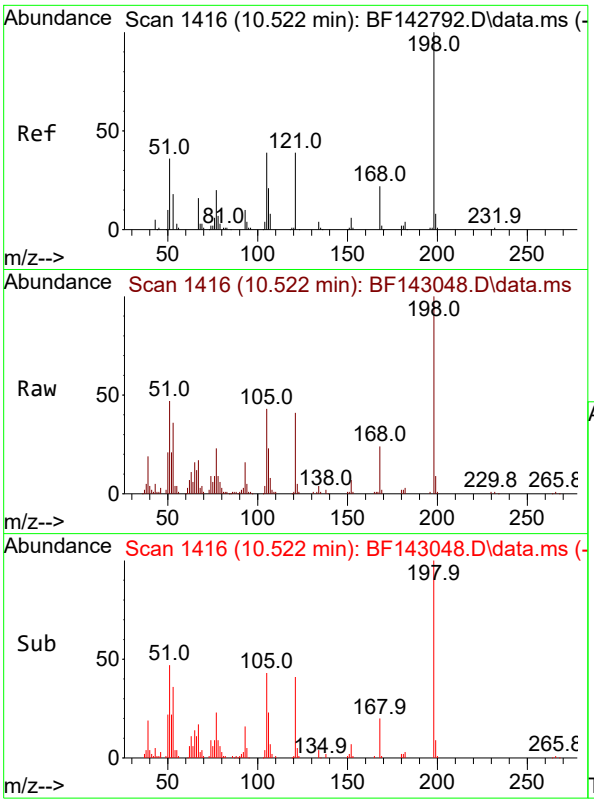


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:188 Resp: 218580

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	7.8	6.9	10.3



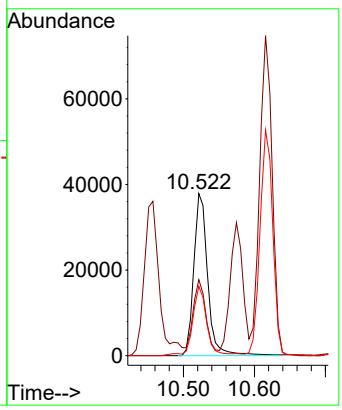


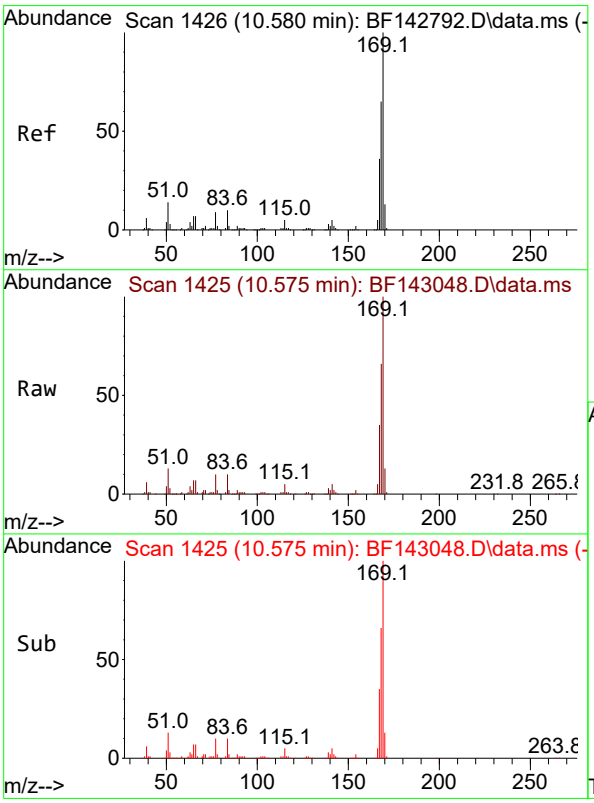
#65
4,6-Dinitro-2-methylphenol
Concen: 39.111 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 51710

Ion	Ratio	Lower	Upper
198	100		
51	46.9	25.4	65.4
105	42.7	20.4	60.4

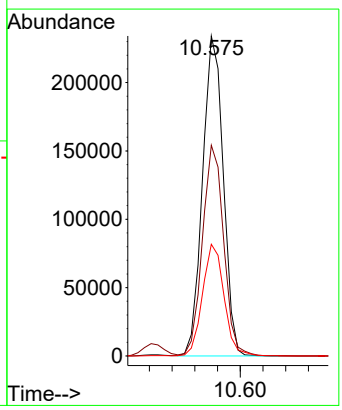


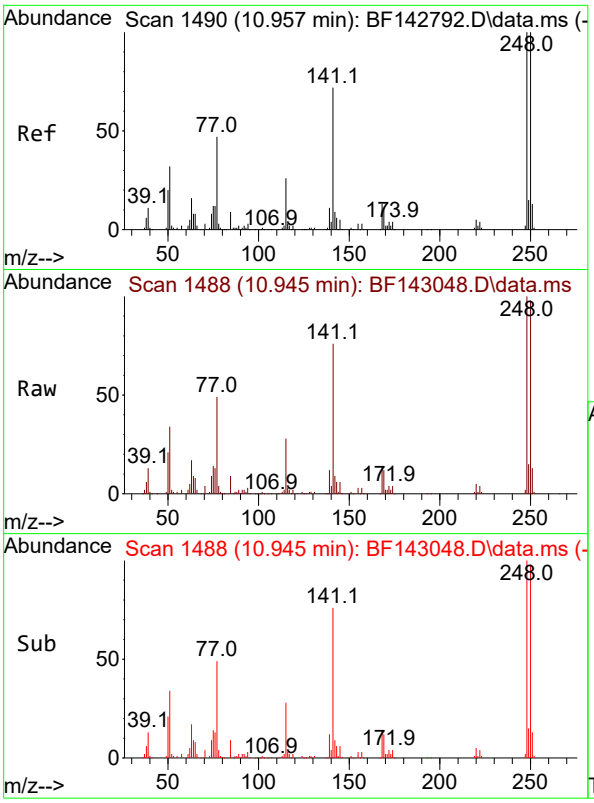


#66
n-Nitrosodiphenylamine
Concen: 39.109 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:169 Resp: 296265

Ion	Ratio	Lower	Upper
169	100		
168	65.9	51.9	77.9
167	34.9	28.5	42.7



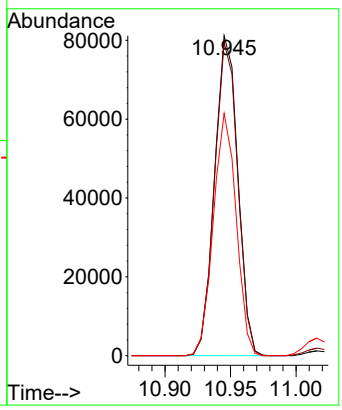


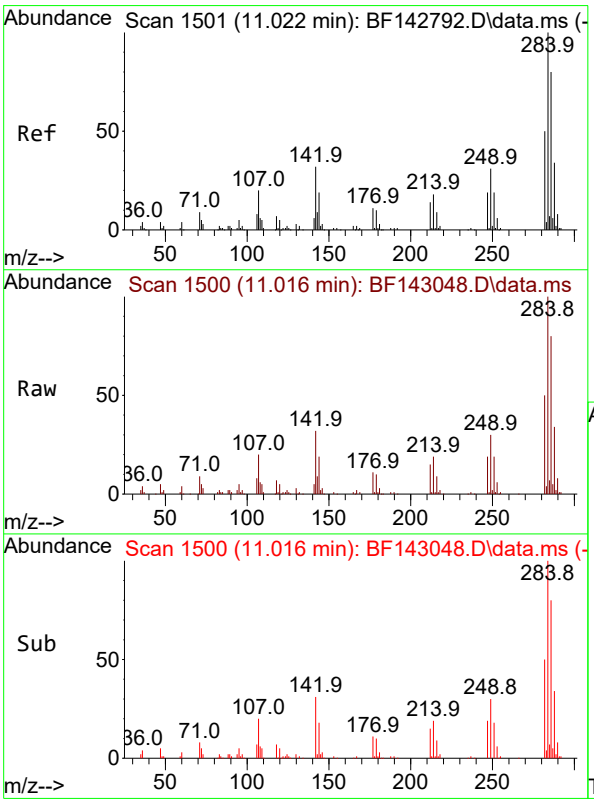
#67
4-Bromophenyl-phenylether
Concen: 40.295 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 100240

Ion	Ratio	Lower	Upper
248	100		
250	97.9	79.8	119.8
141	75.7	57.8	86.6

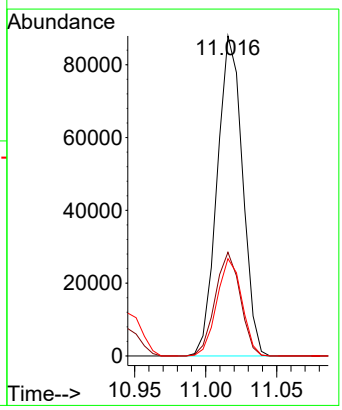


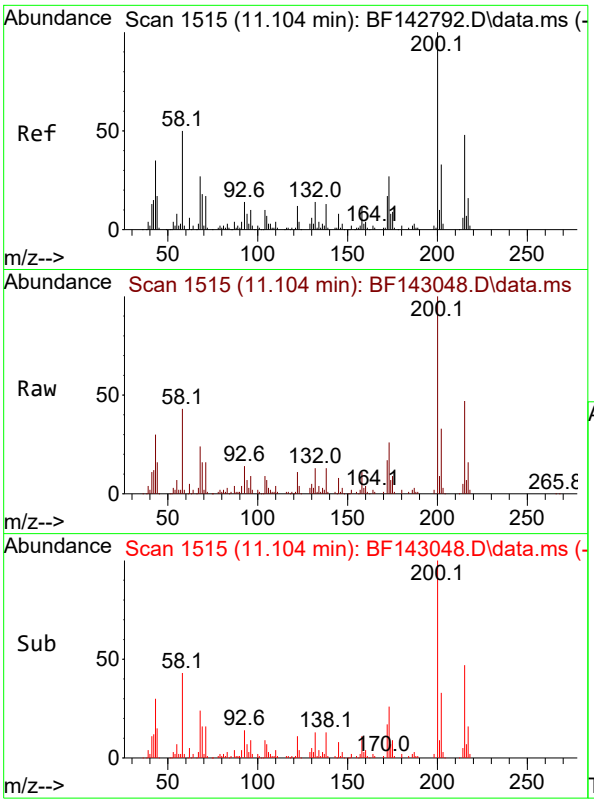


#68
Hexachlorobenzene
Concen: 39.445 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:284 Resp: 109033

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.5	38.3
249	30.4	24.9	37.3



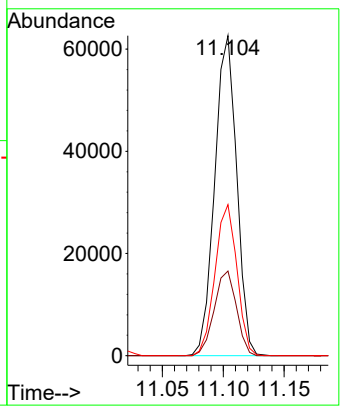


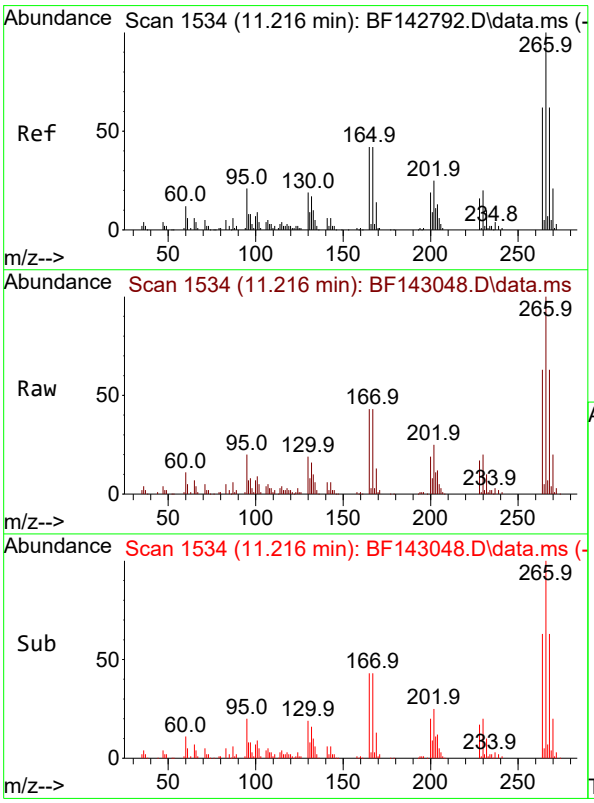
#69
Atrazine
Concen: 40.271 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 78779

Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.4	47.4
215	47.2	28.4	68.4

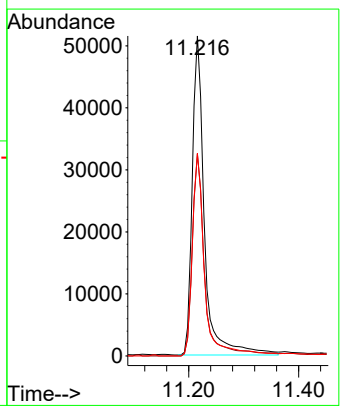


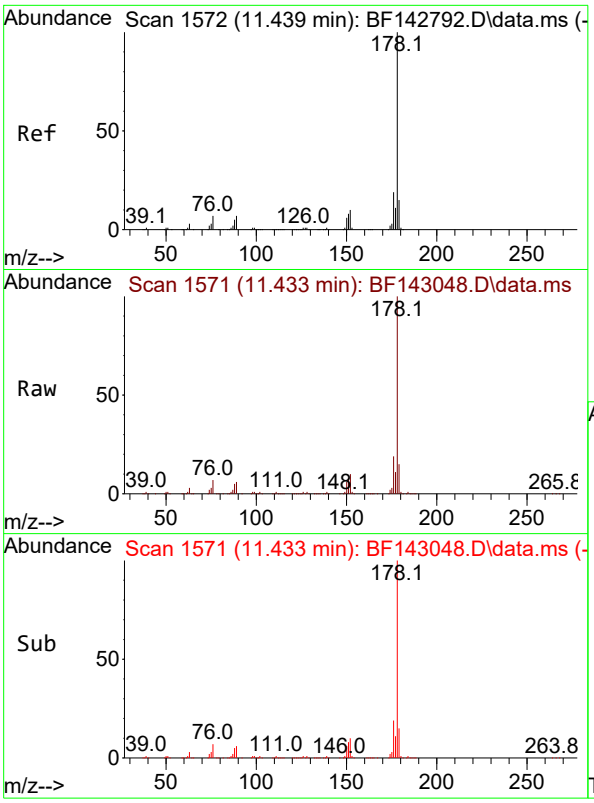


#70
Pentachlorophenol
Concen: 57.552 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:266 Resp: 79272

Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.8	74.8
264	63.3	49.9	74.9



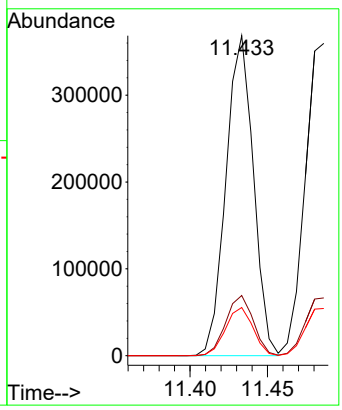


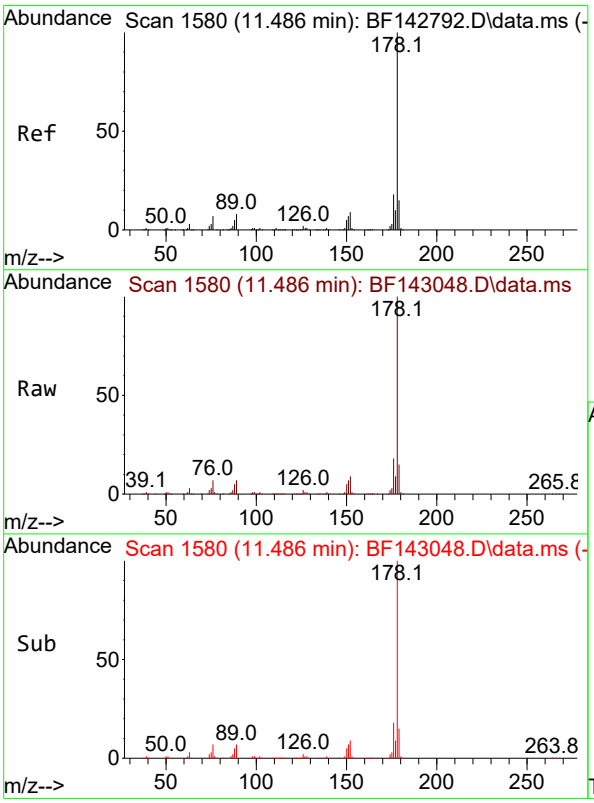
#71
Phenanthrene
Concen: 38.330 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 453843

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.1	12.0	18.0

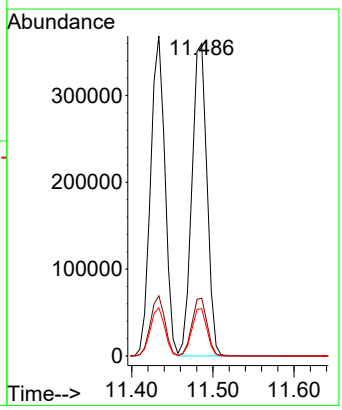


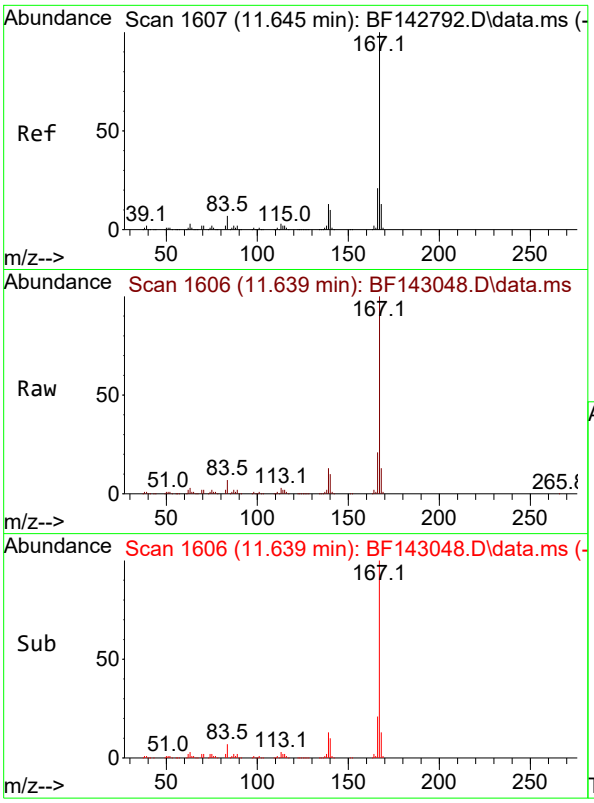


#72
Anthracene
Concen: 38.317 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:178 Resp: 465305

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.1	12.4	18.6



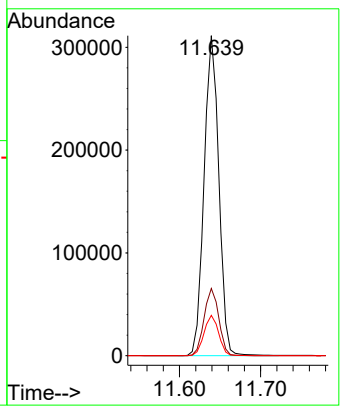


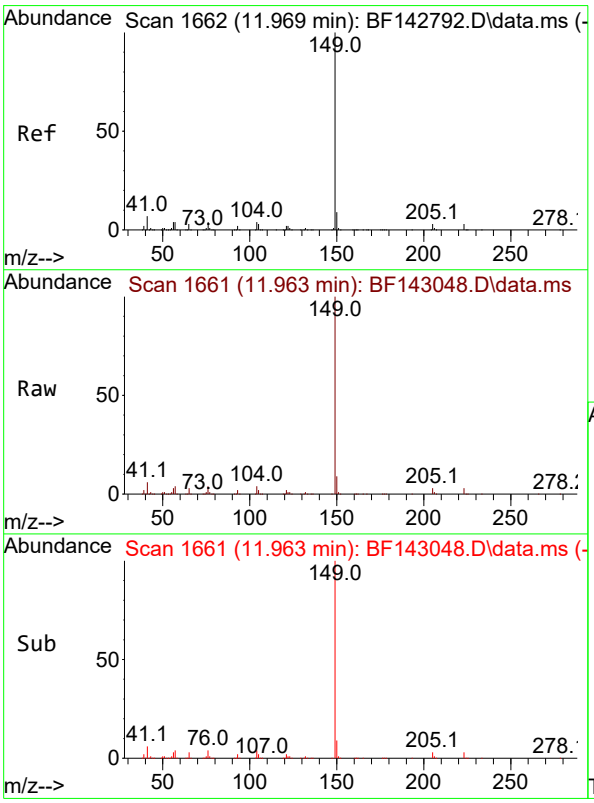
#73
Carbazole
Concen: 37.420 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 392132

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.4
139	12.6	10.2	15.2

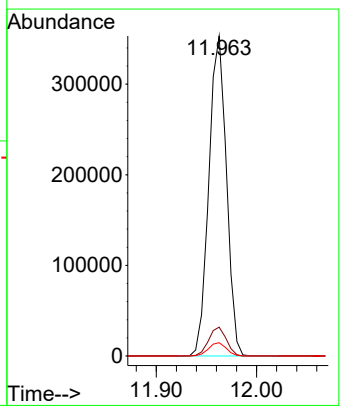


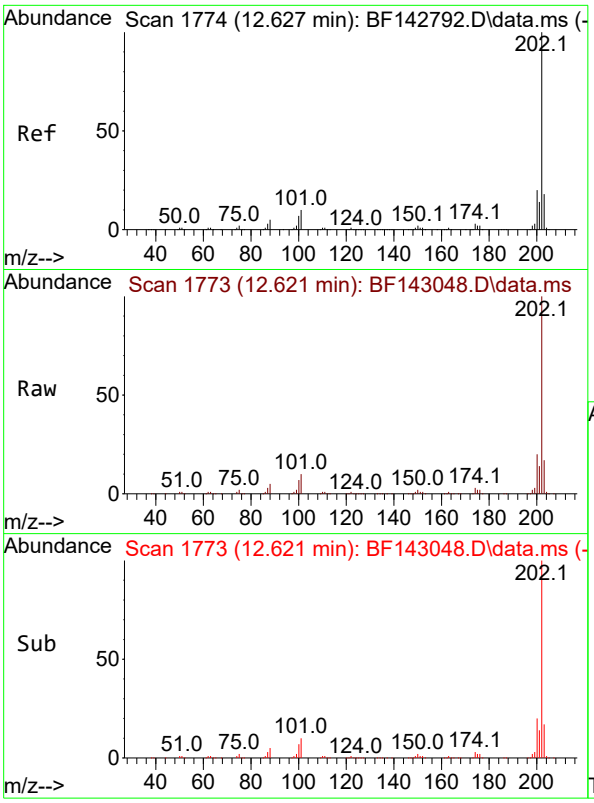


#74
Di-n-butylphthalate
Concen: 39.441 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:149 Resp: 430569

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.1	3.5	5.3



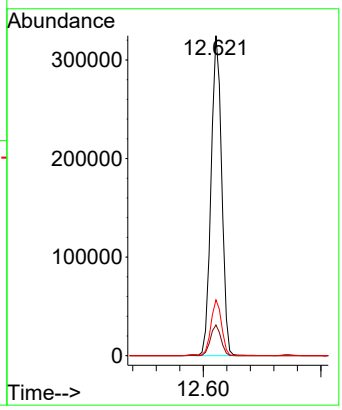


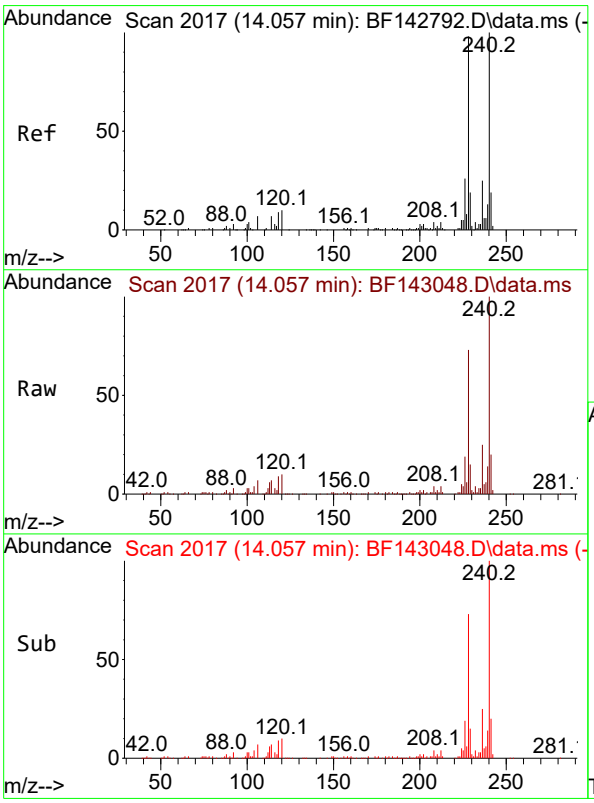
#75
Fluoranthene
Concen: 36.332 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 408276

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.7
203	17.5	0.0	37.5

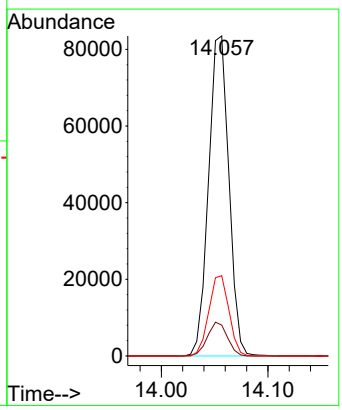


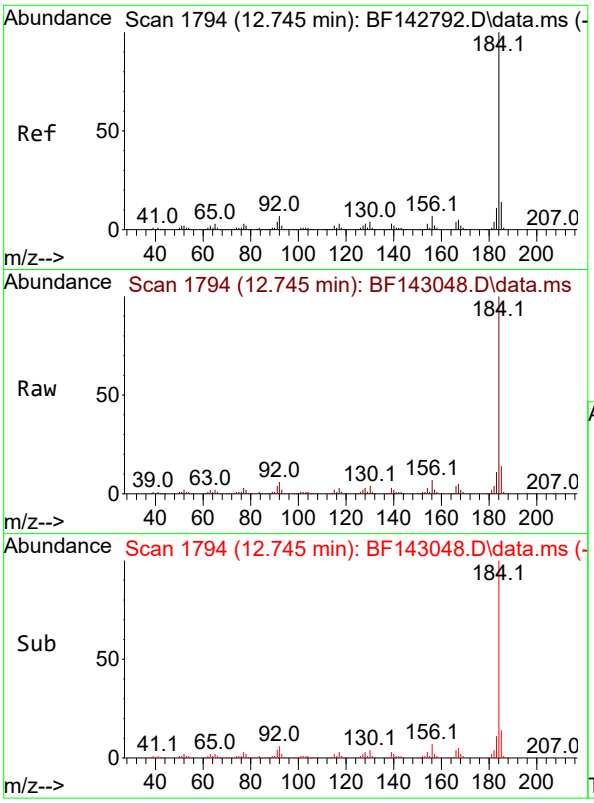


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:240 Resp: 110392

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.2	12.2
236	25.1	19.8	29.8



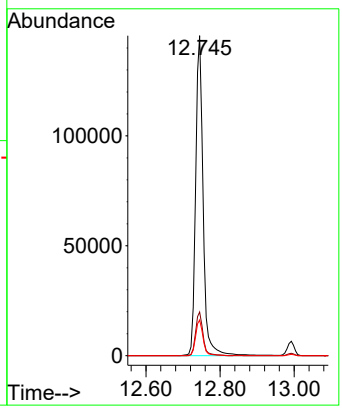


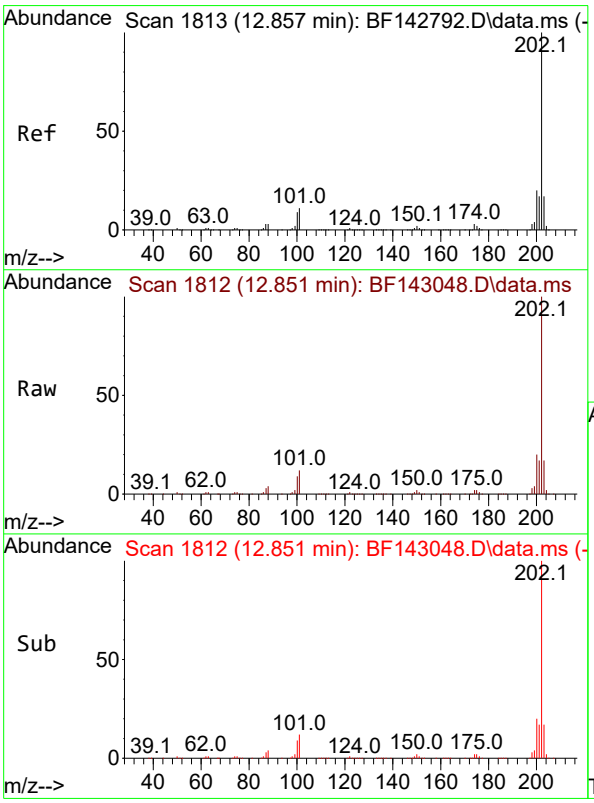
#77
Benzidine
Concen: 49.331 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 204601

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.5	17.3
183	11.2	9.0	13.4

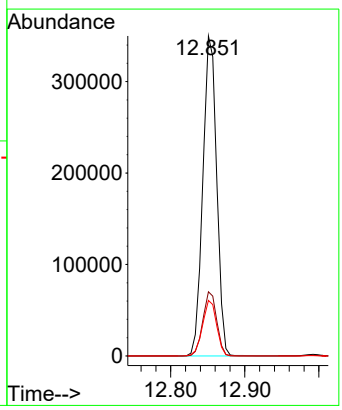


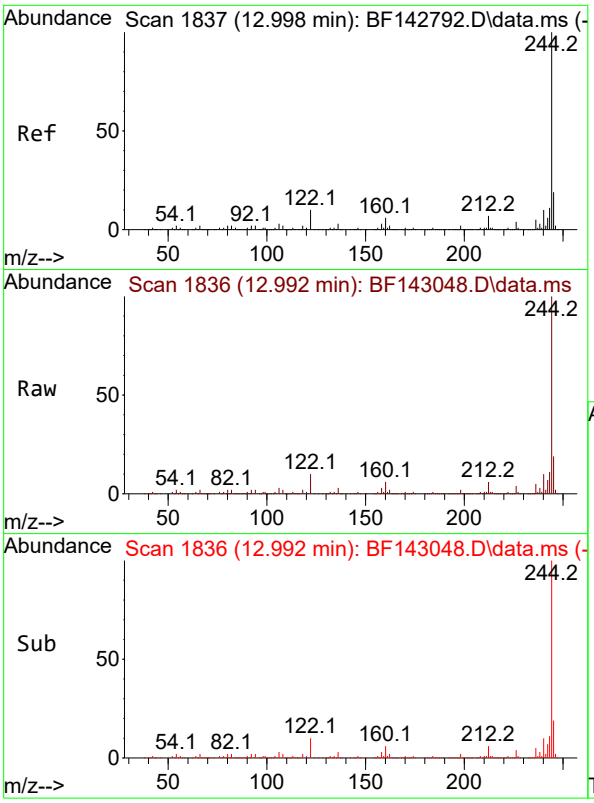


#78
Pyrene
Concen: 43.898 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:202 Resp: 454236

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	17.4	13.8	20.6



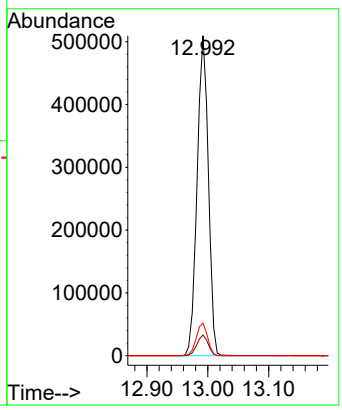


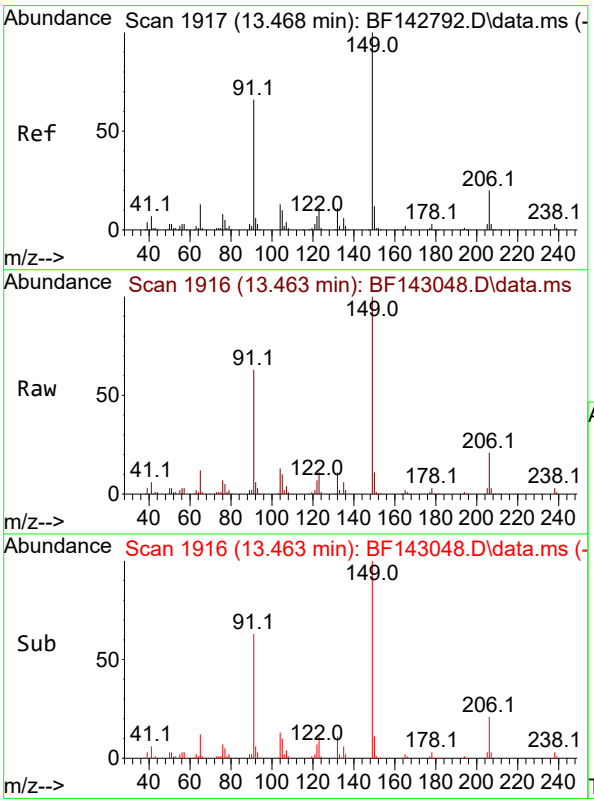
#79
Terphenyl-d14
Concen: 81.848 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 653929

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.2	8.2	12.2

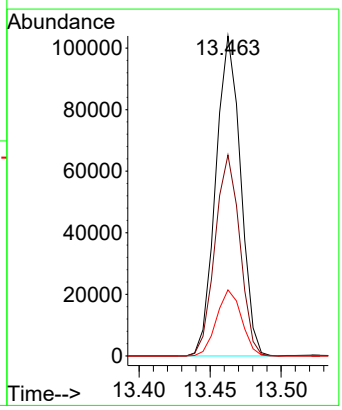


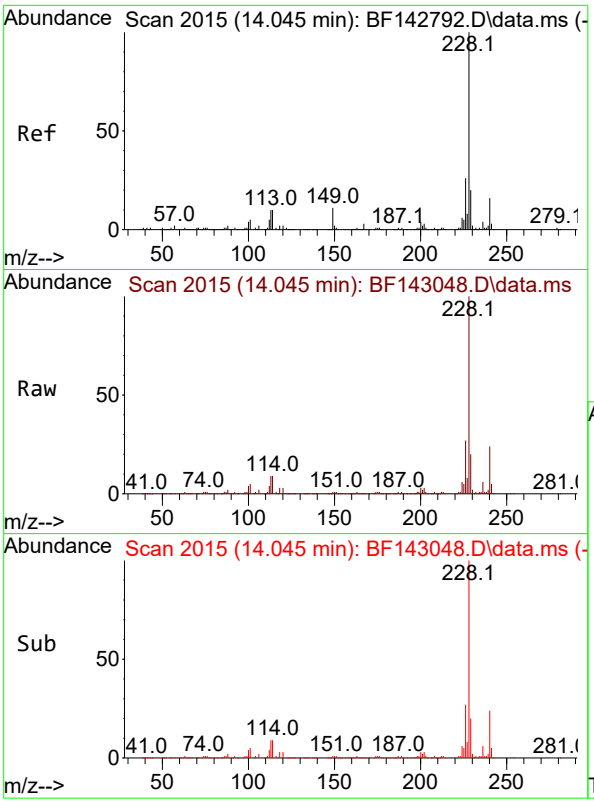


#80
Butylbenzylphthalate
Concen: 42.071 ng
RT: 13.463 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:149 Resp: 126277

Ion	Ratio	Lower	Upper
149	100		
91	62.8	52.9	79.3
206	20.6	16.3	24.5



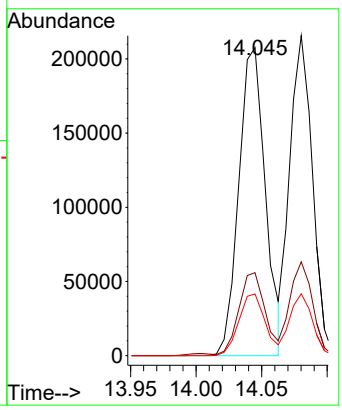


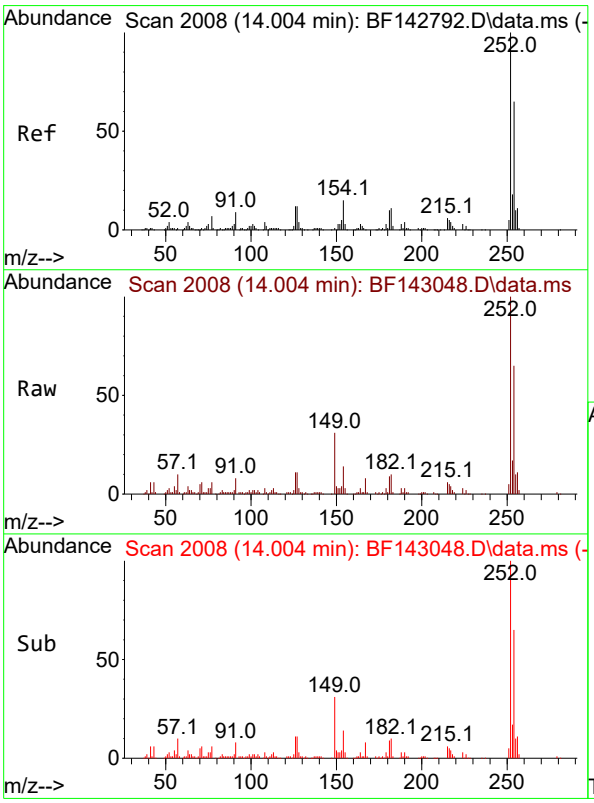
#81
Benzo(a)anthracene
Concen: 39.327 ng
RT: 14.045 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 292876

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	20.0	15.6	23.4

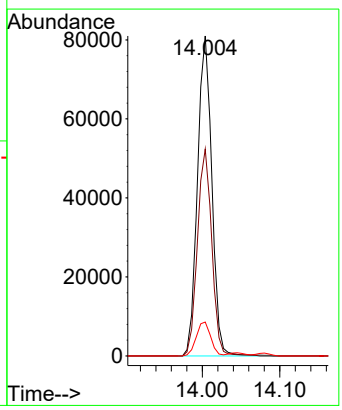


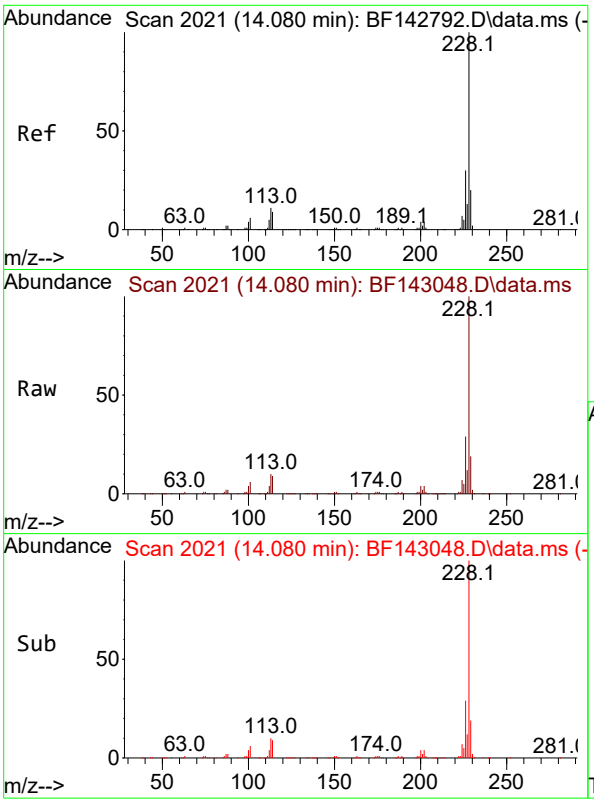


#82
3,3'-Dichlorobenzidine
Concen: 43.151 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:252 Resp: 104231

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	10.6	9.4	14.2



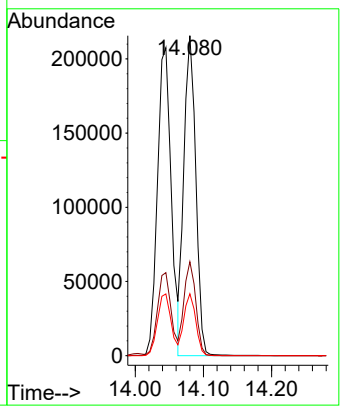


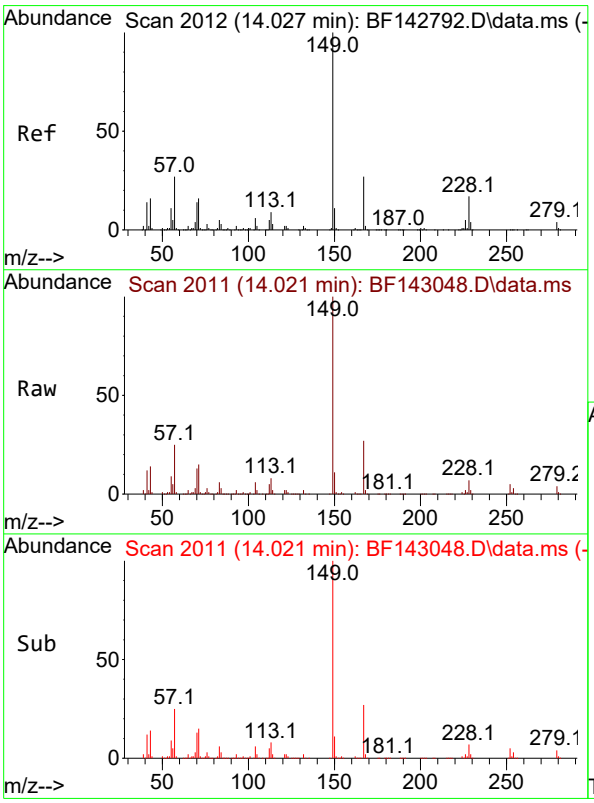
#83
Chrysene
Concen: 39.162 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 260242

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	19.3	15.7	23.5

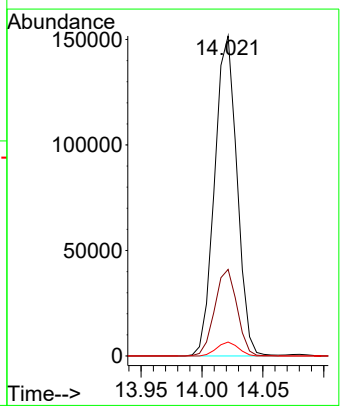


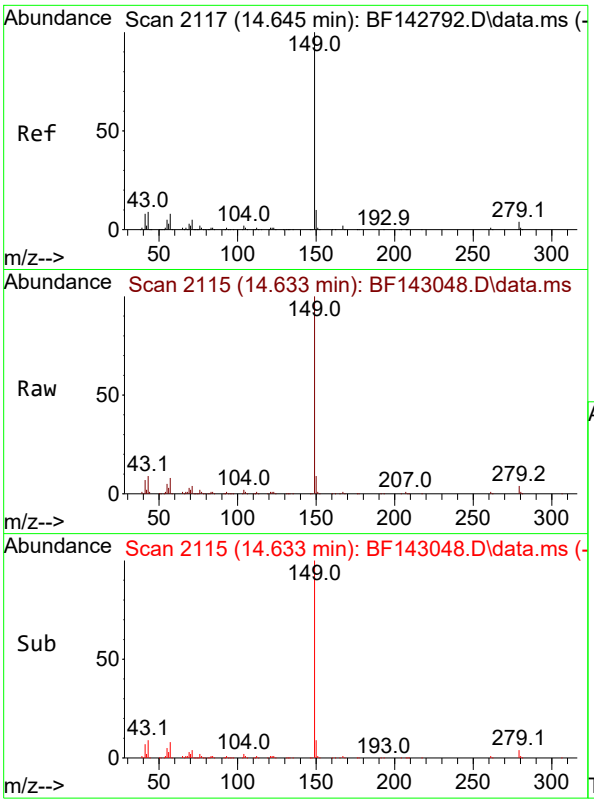


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.039 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:149 Resp: 194503

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	4.3	3.0	4.6



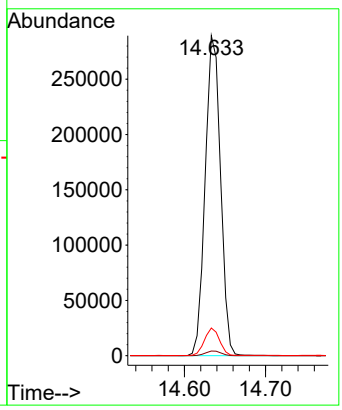


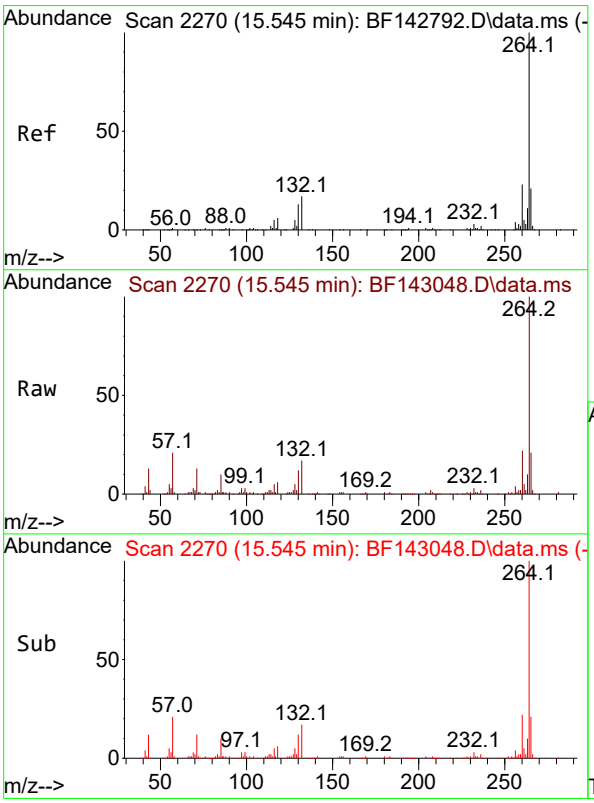
#85
Di-n-octyl phthalate
Concen: 46.544 ng
RT: 14.633 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 379015

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.4	7.6	11.4

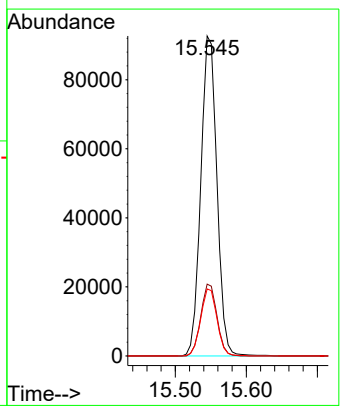


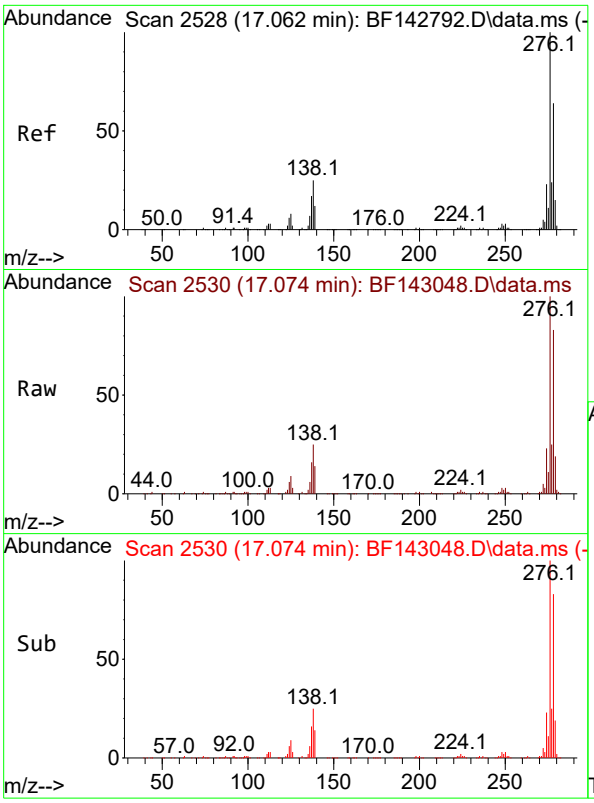


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:264 Resp: 146270

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.1	27.1
265	21.0	16.6	25.0



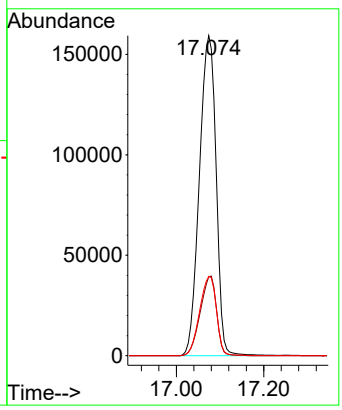


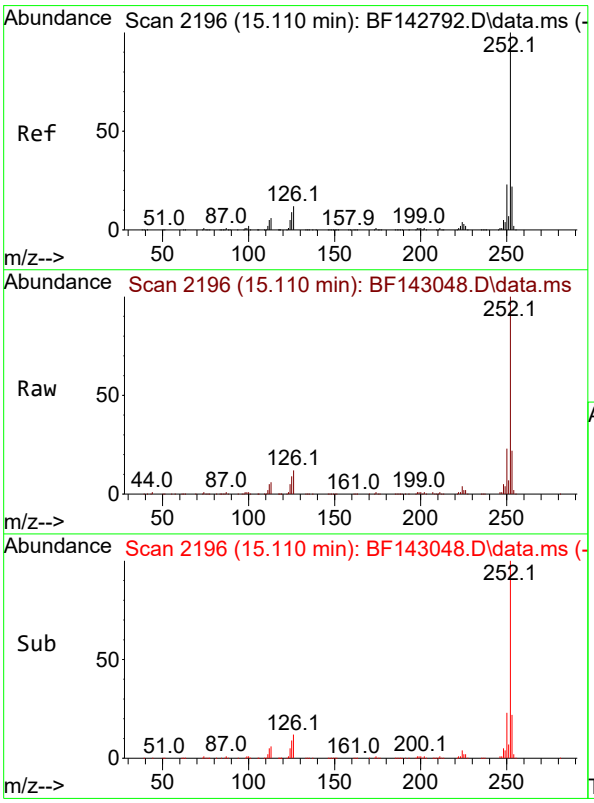
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.135 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 424870

Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.2	30.4
277	24.9	19.8	29.6

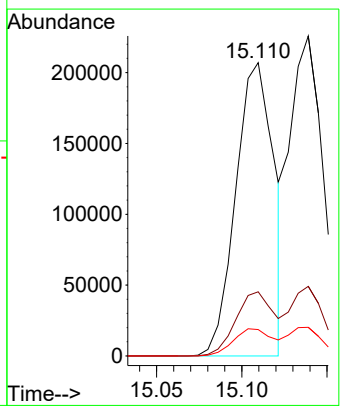


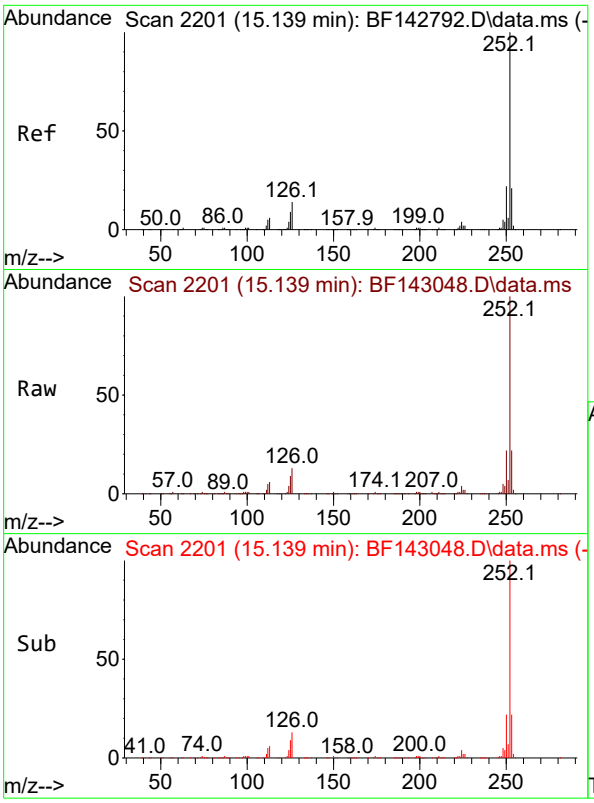


#88
Benzo(b)fluoranthene
Concen: 38.041 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:252 Resp: 321973

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.0	7.4	11.0



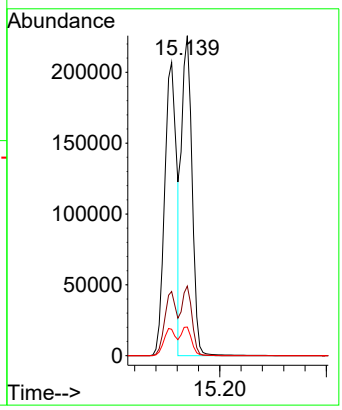


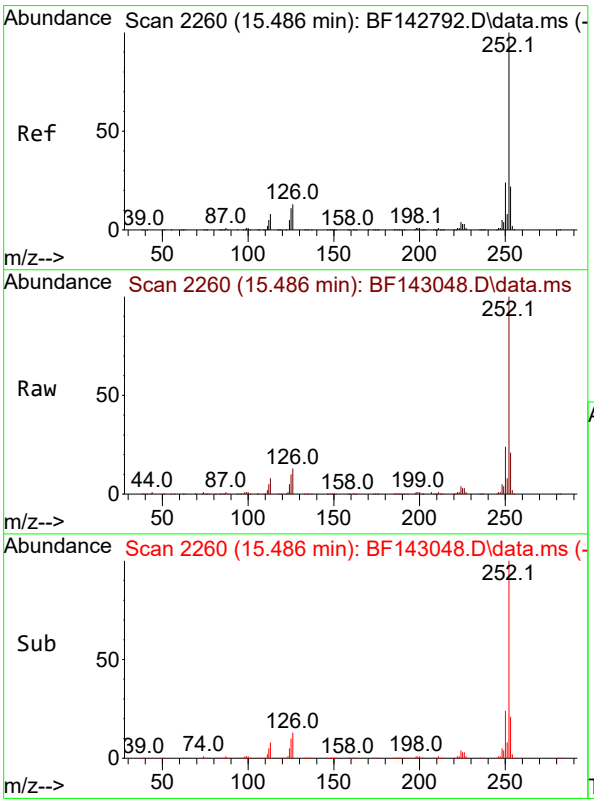
#89
Benzo(k)fluoranthene
Concen: 39.092 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 309552

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.0	7.4	11.2

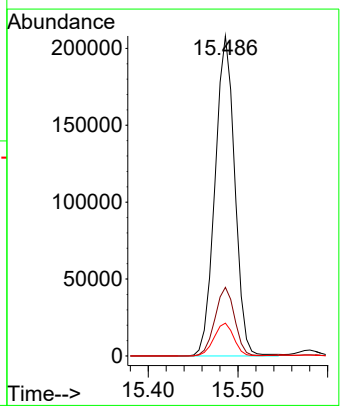


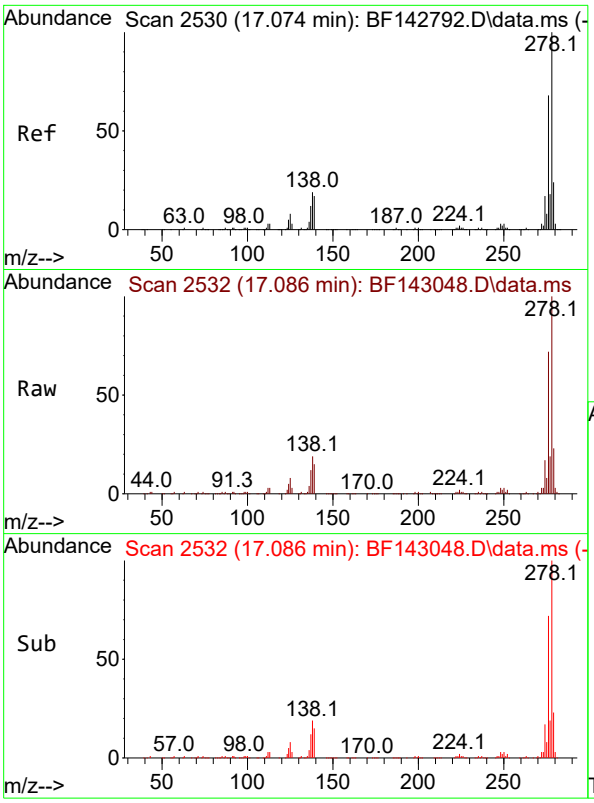


#90
Benzo(a)pyrene
Concen: 38.867 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:252 Resp: 317799

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	10.2	8.6	12.8



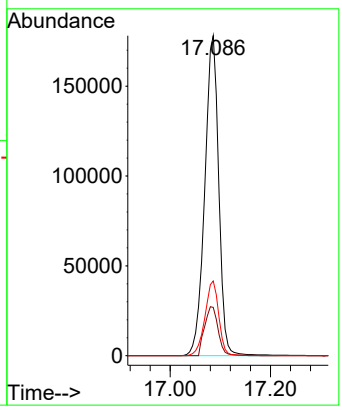


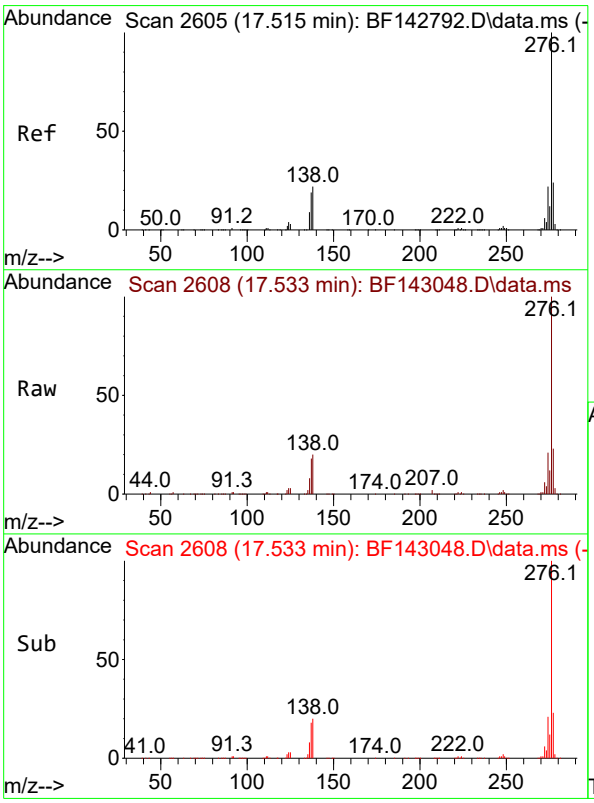
#91
Dibenzo(a,h)anthracene
Concen: 38.156 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 345409

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.5	20.3
279	23.4	18.8	28.2

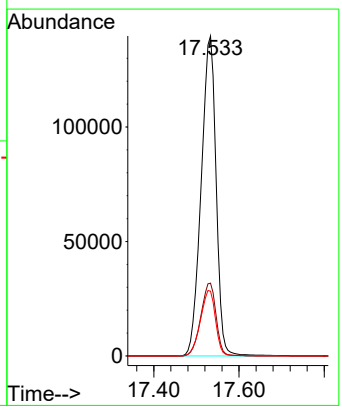




#92
Benzo(g,h,i)perylene
Concen: 37.626 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:276 Resp: 339644

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	20.2	17.6	26.4



Sample Results: **BF143048.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143048.D
Acq On : 09 Jul 2025 10:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 09 11:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	80	0.00
2		1,4-Dioxane	0.480	0.441	8.1	76	-0.02
3		Pyridine	1.205	1.127	6.5	77	-0.02
4		n-Nitrosodimethylamine	0.623	0.569	8.7	76	-0.01
5	S	2-Fluorophenol	1.201	1.190	0.9	82	0.00
6		Aniline	1.886	1.830	3.0	80	0.00
7	S	Phenol-d6	1.417	1.399	1.3	83	0.00
8		2-Chlorophenol	1.296	1.293	0.2	83	0.00
9		Benzaldehyde	0.841	0.917	-9.0	96	0.00
10	C	Phenol	1.575	1.548	1.7	81	0.00
11		bis(2-Chloroethyl)ether	1.126	1.113	1.2	83	0.00
12		1,3-Dichlorobenzene	1.449	1.426	1.6	82	0.00
13	C	1,4-Dichlorobenzene	1.462	1.445	1.2	82	0.00
14		1,2-Dichlorobenzene	1.387	1.367	1.4	82	0.00
15		Benzyl Alcohol	1.025	1.032	-0.7	84	0.00
16		2,2'-oxybis(1-Chloropropane	1.809	1.636	9.6	76	-0.01
17		2-Methylphenol	0.982	0.968	1.4	82	0.00
18		Hexachloroethane	0.511	0.503	1.6	80	0.00
19	P	n-Nitroso-di-n-propylamine	0.824	0.819	0.6	83	0.00
20		3+4-Methylphenols	1.224	1.238	-1.1	84	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	82	-0.01
22		Acetophenone	0.441	0.435	1.4	85	0.00
23	S	Nitrobenzene-d5	0.365	0.383	-4.9	89	0.00
24		Nitrobenzene	0.330	0.321	2.7	83	0.00
25		Isophorone	0.585	0.566	3.2	84	0.00
26	C	2-Nitrophenol	0.180	0.180	0.0	83	0.00
27		2,4-Dimethylphenol	0.311	0.298	4.2	82	0.00
28		bis(2-Chloroethoxy)methane	0.372	0.364	2.2	84	0.00
29	C	2,4-Dichlorophenol	0.282	0.277	1.8	83	0.00
30		1,2,4-Trichlorobenzene	0.310	0.302	2.6	83	0.00
31		Naphthalene	0.979	0.942	3.8	83	0.00
32		Benzoic acid	0.159	0.136	14.5	71	0.02
33		4-Chloroaniline	0.398	0.385	3.3	84	0.00
34	C	Hexachlorobutadiene	0.190	0.187	1.6	84	-0.01
35		Caprolactam	0.075	0.073	2.7	84	0.00
36	C	4-Chloro-3-methylphenol	0.281	0.274	2.5	84	0.00
37		2-Methylnaphthalene	0.607	0.598	1.5	85	-0.01
38		1-Methylnaphthalene	0.628	0.608	3.2	84	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	83	0.00
40		1,2,4,5-Tetrachlorobenzene	0.590	0.572	3.1	86	0.00
41	P	Hexachlorocyclopentadiene	0.335	0.341	-1.8	85	-0.01
42	S	2,4,6-Tribromophenol	0.206	0.202	1.9	84	0.00
43	C	2,4,6-Trichlorophenol	0.385	0.356	7.5	81	0.00
44		2,4,5-Trichlorophenol	0.405	0.379	6.4	81	0.00
45	S	2-Fluorobiphenyl	1.522	1.555	-2.2	91	-0.01
46		1,1'-Biphenyl	1.580	1.532	3.0	85	0.00
47		2-Chloronaphthalene	1.186	1.134	4.4	84	0.00

Sample Results: **BF143048.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143048.D
Acq On : 09 Jul 2025 10:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 09 11:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	0.332	0.317	4.5	81	0.00
49		Acenaphthylene	1.952	1.863	4.6	83	0.00
50		Dimethylphthalate	1.295	1.268	2.1	86	0.00
51		2,6-Dinitrotoluene	0.284	0.281	1.1	84	0.00
52	C	Acenaphthene	1.191	1.172	1.6	86	0.00
53		3-Nitroaniline	0.313	0.292	6.7	81	0.00
54	P	2,4-Dinitrophenol	0.142	0.173	-21.8	102	0.00
55		Dibenzofuran	1.708	1.630	4.6	84	0.00
56	P	4-Nitrophenol	0.214	0.250	-16.8	100	0.01
57		2,4-Dinitrotoluene	0.378	0.375	0.8	85	0.00
58		Fluorene	1.334	1.292	3.1	85	0.00
59		2,3,4,6-Tetrachlorophenol	0.326	0.318	2.5	85	0.00
60		Diethylphthalate	1.269	1.231	3.0	85	0.00
61		4-Chlorophenyl-phenylether	0.636	0.620	2.5	86	0.00
62		4-Nitroaniline	0.286	0.271	5.2	83	0.00
63		Azobenzene	1.134	1.077	5.0	83	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	83	0.00
65		4,6-Dinitro-2-methylphenol	0.121	0.118	2.5	82	0.00
66	c	n-Nitrosodiphenylamine	0.693	0.678	2.2	84	0.00
67		4-Bromophenyl-phenylether	0.228	0.229	-0.4	87	-0.01
68		Hexachlorobenzene	0.253	0.249	1.6	86	0.00
69		Atrazine	0.179	0.180	-0.6	86	0.00
70	C	Pentachlorophenol	0.126	0.181	-43.7#	120	0.00
71		Phenanthrene	1.083	1.038	4.2	84	0.00
72		Anthracene	1.111	1.064	4.2	83	0.00
73		Carbazole	0.959	0.897	6.5	83	0.00
74		Di-n-butylphthalate	0.999	0.985	1.4	86	0.00
75	C	Fluoranthene	1.028	0.934	9.1	81	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	77	0.00
77		Benzidine	0.751	0.927	-23.4	93	0.00
78		Pyrene	1.875	2.057	-9.7	91	0.00
79	S	Terphenyl-d14	1.447	1.481	-2.3	86	0.00
80		Butylbenzylphthalate	0.544	0.572	-5.1	81	0.00
81		Benzo(a)anthracene	1.349	1.327	1.6	81	0.00
82		3,3'-Dichlorobenzidine	0.438	0.472	-7.8	85	0.00
83		Chrysene	1.204	1.179	2.1	78	0.00
84		Bis(2-ethylhexyl)phthalate	0.782	0.881	-12.7	85	0.00
85	c	Di-n-octyl phthalate	1.475	1.717	-16.4	91	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	86	0.00
87		Indeno(1,2,3-cd)pyrene	1.523	1.452	4.7	85	0.01
88		Benzo(b)fluoranthene	1.157	1.101	4.8	88	0.00
89		Benzo(k)fluoranthene	1.083	1.058	2.3	88	0.00
90	C	Benzo(a)pyrene	1.118	1.086	2.9	87	0.00
91		Dibenzo(a,h)anthracene	1.238	1.181	4.6	86	0.01
92		Benzo(g,h,i)perylene	1.234	1.161	5.9	84	0.02

Sample Results: **BF143048.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143048.D
Acq On : 09 Jul 2025 10:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 09 11:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sample Results: **BF143048.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143048.D
Acq On : 09 Jul 2025 10:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 09 11:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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	80	0.00
2		1,4-Dioxane	40.000	36.693	8.3	76	-0.02
3		Pyridine	40.000	37.436	6.4	77	-0.02
4		n-Nitrosodimethylamine	40.000	36.533	8.7	76	-0.01
5	S	2-Fluorophenol	80.000	79.269	0.9	82	0.00
6		Aniline	40.000	38.827	2.9	80	0.00
7	S	Phenol-d6	80.000	78.945	1.3	83	0.00
8		2-Chlorophenol	40.000	39.915	0.2	83	0.00
9		Benzaldehyde	40.000	43.636	-9.1	96	0.00
10	C	Phenol	40.000	39.308	1.7	81	0.00
11		bis(2-Chloroethyl)ether	40.000	39.529	1.2	83	0.00
12		1,3-Dichlorobenzene	40.000	39.370	1.6	82	0.00
13	C	1,4-Dichlorobenzene	40.000	39.530	1.2	82	0.00
14		1,2-Dichlorobenzene	40.000	39.426	1.4	82	0.00
15		Benzyl Alcohol	40.000	40.276	-0.7	84	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.167	9.6	76	-0.01
17		2-Methylphenol	40.000	39.442	1.4	82	0.00
18		Hexachloroethane	40.000	39.381	1.5	80	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.730	0.7	83	0.00
20		3+4-Methylphenols	40.000	40.452	-1.1	84	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	82	-0.01
22		Acetophenone	40.000	39.455	1.4	85	0.00
23	S	Nitrobenzene-d5	80.000	84.131	-5.2	89	0.00
24		Nitrobenzene	40.000	38.894	2.8	83	0.00
25		Isophorone	40.000	38.685	3.3	84	0.00
26	C	2-Nitrophenol	40.000	39.996	0.0	83	0.00
27		2,4-Dimethylphenol	40.000	38.323	4.2	82	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.139	2.2	84	0.00
29	C	2,4-Dichlorophenol	40.000	39.186	2.0	83	0.00
30		1,2,4-Trichlorobenzene	40.000	38.924	2.7	83	0.00
31		Naphthalene	40.000	38.510	3.7	83	0.00
32		Benzoic acid	40.000	34.368	14.1	71	0.02
33		4-Chloroaniline	40.000	38.729	3.2	84	0.00
34	C	Hexachlorobutadiene	40.000	39.459	1.4	84	-0.01
35		Caprolactam	40.000	39.295	1.8	84	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.110	2.2	84	0.00
37		2-Methylnaphthalene	40.000	39.399	1.5	85	-0.01
38		1-Methylnaphthalene	40.000	38.726	3.2	84	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	83	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.800	3.0	86	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.772	-1.9	85	-0.01
42	S	2,4,6-Tribromophenol	80.000	78.425	2.0	84	0.00
43	C	2,4,6-Trichlorophenol	40.000	37.080	7.3	81	0.00
44		2,4,5-Trichlorophenol	40.000	37.440	6.4	81	0.00
45	S	2-Fluorobiphenyl	80.000	81.687	-2.1	91	-0.01
46		1,1'-Biphenyl	40.000	38.796	3.0	85	0.00
47		2-Chloronaphthalene	40.000	38.255	4.4	84	0.00

Sample Results: **BF143048.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143048.D
Acq On : 09 Jul 2025 10:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 09 11:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	38.099	4.8	81	0.00
49		Acenaphthylene	40.000	38.176	4.6	83	0.00
50		Dimethylphthalate	40.000	39.177	2.1	86	0.00
51		2,6-Dinitrotoluene	40.000	39.500	1.3	84	0.00
52	C	Acenaphthene	40.000	39.371	1.6	86	0.00
53		3-Nitroaniline	40.000	37.342	6.6	81	0.00
54	P	2,4-Dinitrophenol	40.000	48.583	-21.5	102	0.00
55		Dibenzofuran	40.000	38.190	4.5	84	0.00
56	P	4-Nitrophenol	40.000	46.654	-16.6	100	0.01
57		2,4-Dinitrotoluene	40.000	39.687	0.8	85	0.00
58		Fluorene	40.000	38.743	3.1	85	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.043	2.4	85	0.00
60		Diethylphthalate	40.000	38.796	3.0	85	0.00
61		4-Chlorophenyl-phenylether	40.000	38.996	2.5	86	0.00
62		4-Nitroaniline	40.000	37.820	5.4	83	0.00
63		Azobenzene	40.000	37.983	5.0	83	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	83	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.111	2.2	82	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.109	2.2	84	0.00
67		4-Bromophenyl-phenylether	40.000	40.295	-0.7	87	-0.01
68		Hexachlorobenzene	40.000	39.445	1.4	86	0.00
69		Atrazine	40.000	40.271	-0.7	86	0.00
70	C	Pentachlorophenol	40.000	57.552	-43.9#	120	0.00
71		Phenanthrene	40.000	38.330	4.2	84	0.00
72		Anthracene	40.000	38.317	4.2	83	0.00
73		Carbazole	40.000	37.420	6.4	83	0.00
74		Di-n-butylphthalate	40.000	39.441	1.4	86	0.00
75	C	Fluoranthene	40.000	36.332	9.2	81	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	77	0.00
77		Benzidine	40.000	49.331	-23.3	93	0.00
78		Pyrene	40.000	43.898	-9.7	91	0.00
79	S	Terphenyl-d14	80.000	81.848	-2.3	86	0.00
80		Butylbenzylphthalate	40.000	42.071	-5.2	81	0.00
81		Benzo(a)anthracene	40.000	39.327	1.7	81	0.00
82		3,3'-Dichlorobenzidine	40.000	43.151	-7.9	85	0.00
83		Chrysene	40.000	39.162	2.1	78	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	45.039	-12.6	85	0.00
85	c	Di-n-octyl phthalate	40.000	46.544	-16.4	91	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	86	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.135	4.7	85	0.01
88		Benzo(b)fluoranthene	40.000	38.041	4.9	88	0.00
89		Benzo(k)fluoranthene	40.000	39.092	2.3	88	0.00
90	C	Benzo(a)pyrene	40.000	38.867	2.8	87	0.00
91		Dibenzo(a,h)anthracene	40.000	38.156	4.6	86	0.01
92		Benzo(g,h,i)perylene	40.000	37.626	5.9	84	0.02

Sample Results: **BF143048.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143048.D
Acq On : 09 Jul 2025 10:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 09 11:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_P Calibration Date/Time: 07/10/2025 14:04

Lab File ID: BP025082.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.129	1.128		-0.1	
Benzaldehyde	0.769	0.676		-12.1	
Phenol-d6	1.473	1.499		1.8	
Phenol	1.497	1.506		0.6	20.0
bis(2-Chloroethyl)ether	1.152	1.158		0.5	
2-Chlorophenol	1.263	1.274		0.9	
2-Methylphenol	0.964	0.990		2.7	
2,2-oxybis(1-Chloropropane)	1.498	1.516		1.2	
Acetophenone	0.473	0.455		-3.8	
3+4-Methylphenols	1.350	1.349		-0.1	
n-Nitroso-di-n-propylamine	0.874	0.899	0.050	2.9	
Nitrobenzene-d5	0.301	0.307		2.0	
Hexachloroethane	0.466	0.475		1.9	
Nitrobenzene	0.306	0.311		1.6	
Isophorone	0.562	0.555		-1.2	
2-Nitrophenol	0.128	0.134		4.7	20.0
2,4-Dimethylphenol	0.210	0.205		-2.4	
bis(2-Chloroethoxy)methane	0.382	0.375		-1.8	
2,4-Dichlorophenol	0.291	0.293		0.7	20.0
Naphthalene	1.030	1.002		-2.7	
4-Chloroaniline	0.384	0.377		-1.8	
Hexachlorobutadiene	0.185	0.180		-2.7	20.0
Caprolactam	0.099	0.095		-4.0	
4-Chloro-3-methylphenol	0.304	0.305		0.3	20.0
2-Methylnaphthalene	0.727	0.709		-2.5	
Hexachlorocyclopentadiene	0.150	0.159	0.050	6.0	
2,4,6-Trichlorophenol	0.348	0.364		4.6	20.0
2-Fluorobiphenyl	1.291	1.301		0.8	
2,4,5-Trichlorophenol	0.394	0.412		4.6	
1,1-Biphenyl	1.455	1.443		-0.8	
2-Chloronaphthalene	1.094	1.099		0.5	
2-Nitroaniline	0.237	0.260		9.7	
Dimethylphthalate	1.400	1.389		-0.8	
Acenaphthylene	1.674	1.683		0.5	
2,6-Dinitrotoluene	0.273	0.287		5.1	
3-Nitroaniline	0.293	0.315		7.5	
Acenaphthene	1.079	1.064		-1.4	20.0
2,4-Dinitrophenol	0.114	0.116	0.050	1.8	
4-Nitrophenol	0.270	0.274	0.050	1.5	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_P Calibration Date/Time: 07/10/2025 14:04

Lab File ID: BP025082.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.781	1.758		-1.3	
2,4-Dinitrotoluene	0.356	0.389		9.3	
Diethylphthalate	1.406	1.421		1.1	
4-Chlorophenyl-phenylether	0.682	0.673		-1.3	
Fluorene	1.377	1.368		-0.7	
4-Nitroaniline	0.307	0.331		7.8	
4,6-Dinitro-2-methylphenol	0.082	0.083		1.2	
n-Nitrosodiphenylamine	0.572	0.563		-1.6	20.0
2,4,6-Tribromophenol	0.236	0.238		0.8	
4-Bromophenyl-phenylether	0.205	0.204		-0.5	
Hexachlorobenzene	0.250	0.246		-1.6	
Atrazine	0.168	0.158		-6.0	
Pentachlorophenol	0.169	0.172		1.8	20.0
Phenanthrene	1.069	1.054		-1.4	
Anthracene	1.025	1.036		1.1	
Carbazole	1.002	1.007		0.5	
Di-n-butylphthalate	1.116	1.178		5.6	
Fluoranthene	1.249	1.257		0.6	20.0
Pyrene	1.239	1.223		-1.3	
Terphenyl-d14	0.910	0.936		2.9	
Butylbenzylphthalate	0.402	0.460		14.4	
3,3-Dichlorobenzidine	0.365	0.399		9.3	
Benzo(a)anthracene	1.212	1.214		0.2	
Chrysene	1.166	1.155		-0.9	
Bis(2-ethylhexyl)phthalate	0.650	0.713		9.7	
Di-n-octyl phthalate	1.054	1.169		10.9	20.0
Benzo(b)fluoranthene	1.164	1.196		2.7	
Benzo(k)fluoranthene	1.158	1.154		-0.3	
Benzo(a)pyrene	0.991	1.037		4.6	20.0
Indeno(1,2,3-cd)pyrene	1.274	1.327		4.2	
Dibenzo(a,h)anthracene	1.053	1.107		5.1	
Benzo(g,h,i)perylene	1.088	1.118		2.8	
1,2,4,5-Tetrachlorobenzene	0.575	0.582		1.2	
1,4-Dioxane	0.439	0.424		-3.4	20.0
2,3,4,6-Tetrachlorophenol	0.357	0.369		3.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025082.D
Acq On : 10 Jul 2025 14:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 11 06:56:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.425	152	409438	20.000	ng		-0.02
21) Naphthalene-d8	10.178	136	1701299	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1080407	20.000	ng		0.00
64) Phenanthrene-d10	16.901	188	2198797	20.000	ng		0.00
76) Chrysene-d12	21.336	240	2306389	20.000	ng		0.00
86) Perylene-d12	24.483	264	2492507	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	1846736	79.918	ng		-0.01
7) Phenol-d6	6.613	99	2454395	81.391	ng		-0.02
23) Nitrobenzene-d5	8.549	82	2091365	81.753	ng		-0.02
42) 2,4,6-Tribromophenol	15.619	330	1030289	80.723	ng		0.00
45) 2-Fluorobiphenyl	12.690	172	5623496	80.634	ng		0.00
79) Terphenyl-d14	19.671	244	8637733	82.310	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	347477	38.670	ng		99
3) Pyridine	3.478	79	980505	39.857	ng		99
4) n-Nitrosodimethylamine	3.396	42	420487	40.369	ng		99
6) Aniline	6.766	93	1141245	40.506	ng		99
8) 2-Chlorophenol	6.996	128	1043577	40.363	ng		98
9) Benzaldehyde	6.584	77	553287	35.132	ng		98
10) Phenol	6.637	94	1233553	40.259	ng		98
11) bis(2-Chloroethyl)ether	6.860	93	948274	40.213	ng		99
12) 1,3-Dichlorobenzene	7.319	146	1142897	39.498	ng		99
13) 1,4-Dichlorobenzene	7.454	146	1156119	39.463	ng		99
14) 1,2-Dichlorobenzene	7.766	146	1108790	39.344	ng		99
15) Benzyl Alcohol	7.654	79	817086	40.597	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.949	45	1241027	40.475	ng		99
17) 2-Methylphenol	7.854	107	810369	41.058	ng		99
18) Hexachloroethane	8.484	117	388679	40.726	ng		98
19) n-Nitroso-di-n-propyla...	8.213	70	736259	41.169	ng		99
20) 3+4-Methylphenols	8.178	107	1105023	39.971	ng		99
22) Acetophenone	8.225	105	1548207	38.479	ng	#	99
24) Nitrobenzene	8.590	77	1059515	40.662	ng		99
25) Isophorone	9.125	82	1887392	39.479	ng		100
26) 2-Nitrophenol	9.296	139	457452	36.991	ng		98
27) 2,4-Dimethylphenol	9.366	122	697403	39.107	ng		99
28) bis(2-Chloroethoxy)met...	9.607	93	1276202	39.315	ng		100
29) 2,4-Dichlorophenol	9.831	162	997711	40.347	ng		100
30) 1,2,4-Trichlorobenzene	10.043	180	1062633	38.805	ng		98
31) Naphthalene	10.225	128	3407814	38.900	ng		99
32) Benzoic acid	9.501	122	617292	36.374	ng		98
33) 4-Chloroaniline	10.331	127	1284372	39.286	ng		99
34) Hexachlorobutadiene	10.531	225	612184	38.956	ng		99
35) Caprolactam	11.090	113	324341	38.340	ng		97
36) 4-Chloro-3-methylphenol	11.472	107	1038122	40.173	ng		100
37) 2-Methylnaphthalene	11.848	142	2410865	39.004	ng		99
38) 1-Methylnaphthalene	12.078	142	2314332	38.391	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1258634	40.535	ng		100
41) Hexachlorocyclopentadiene	12.225	237	344043	42.419	ng		99
43) 2,4,6-Trichlorophenol	12.478	196	786788	41.847	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025082.D
Acq On : 10 Jul 2025 14:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 11 06:56:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

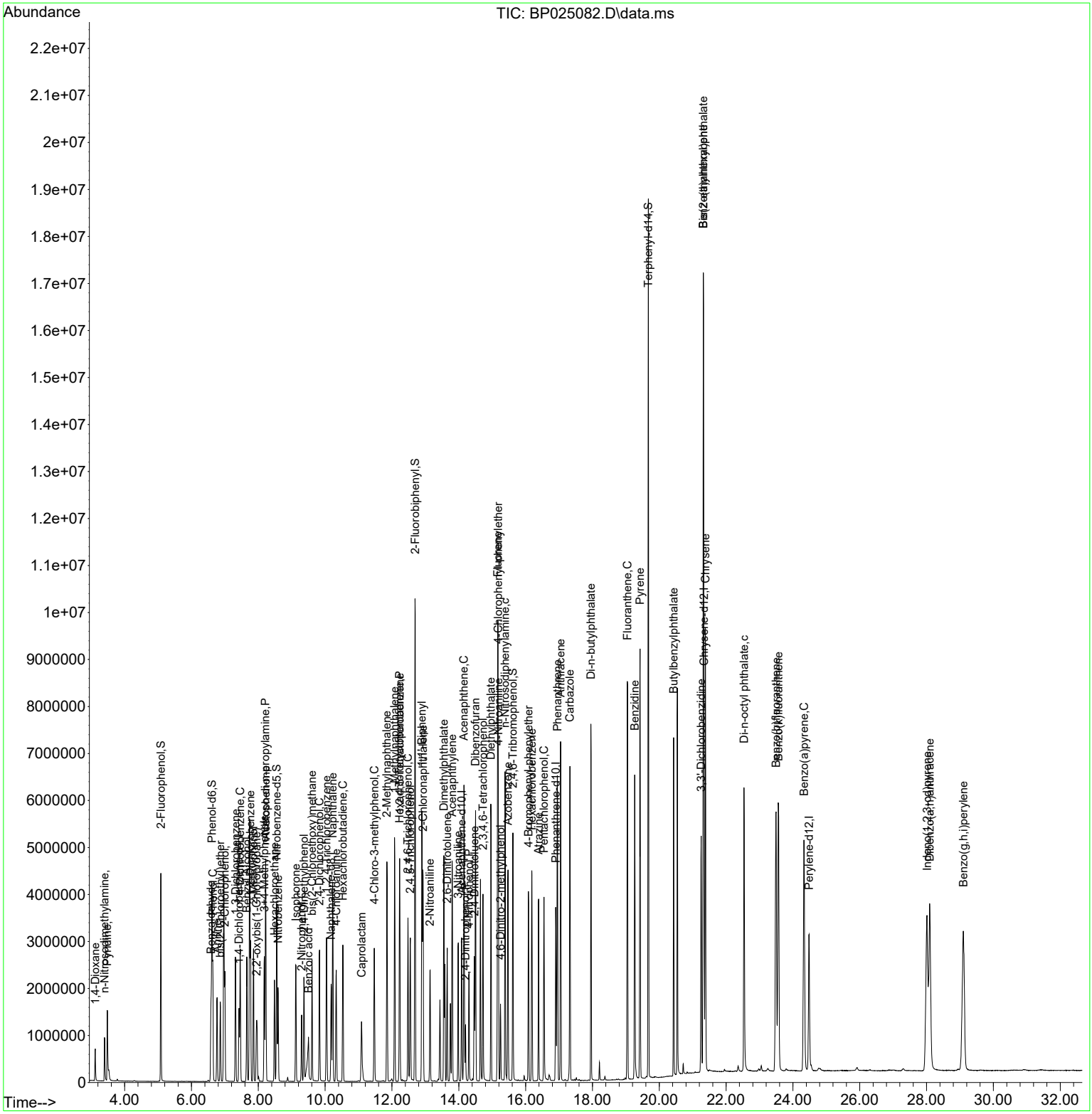
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.548	196	889365	41.739	ng	99
46) 1,1'-Biphenyl	12.895	154	3117980	39.664	ng	99
47) 2-Chloronaphthalene	12.931	162	2375701	40.209	ng	99
48) 2-Nitroaniline	13.137	65	561527	39.328	ng	96
49) Acenaphthylene	13.801	152	3636361	40.212	ng	99
50) Dimethylphthalate	13.554	163	3001575	39.688	ng	100
51) 2,6-Dinitrotoluene	13.654	165	621086	42.108	ng	98
52) Acenaphthene	14.154	154	2299404	39.452	ng	100
53) 3-Nitroaniline	13.984	138	681319	43.102	ng	98
54) 2,4-Dinitrophenol	14.201	184	251182	37.884	ng	95
55) Dibenzofuran	14.501	168	3799463	39.500	ng	99
56) 4-Nitrophenol	14.307	139	591968	40.580	ng	98
57) 2,4-Dinitrotoluene	14.466	165	840244	39.320	ng	95
58) Fluorene	15.166	166	2955049	39.719	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.725	232	797081	41.309	ng	99
60) Diethylphthalate	14.960	149	3070254	40.419	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1455094	39.520	ng	99
62) 4-Nitroaniline	15.183	138	714603	43.113	ng	98
63) Azobenzene	15.472	77	2737574	40.472	ng	98
65) 4,6-Dinitro-2-methylph...	15.248	198	366151	37.919	ng	100
66) n-Nitrosodiphenylamine	15.383	169	2475067	39.333	ng	99
67) 4-Bromophenyl-phenylether	16.083	248	896341	39.814	ng	95
68) Hexachlorobenzene	16.189	284	1082822	39.350	ng	99
69) Atrazine	16.389	200	696647	37.780	ng	100
70) Pentachlorophenol	16.548	266	754913	40.622	ng	99
71) Phenanthrene	16.948	178	4636268	39.461	ng	99
72) Anthracene	17.048	178	4556580	40.425	ng	100
73) Carbazole	17.325	167	4430409	40.200	ng	100
74) Di-n-butylphthalate	17.954	149	5181570	42.220	ng	99
75) Fluoranthene	19.048	202	5526965	40.244	ng	99
77) Benzidine	19.266	184	3957023	97.143	ng	99
78) Pyrene	19.424	202	5640727	39.486	ng	100
80) Butylbenzylphthalate	20.430	149	2120870	39.260	ng	100
81) Benzo(a)anthracene	21.318	228	5597745	40.049	ng	100
82) 3,3'-Dichlorobenzidine	21.254	252	1838327	43.691	ng	100
83) Chrysene	21.377	228	5328372	39.614	ng	100
84) Bis(2-ethylhexyl)phtha...	21.318	149	3289252	43.873	ng	100
85) Di-n-octyl phthalate	22.536	149	5390427	40.328	ng	99
87) Indeno(1,2,3-cd)pyrene	28.012	276	6614331m	41.655	ng	
88) Benzo(b)fluoranthene	23.495	252	5961804	41.094	ng	100
89) Benzo(k)fluoranthene	23.565	252	5751975	39.847	ng	99
90) Benzo(a)pyrene	24.330	252	5170498	41.875	ng	100
91) Dibenzo(a,h)anthracene	28.095	278	5517428	42.037	ng	99
92) Benzo(g,h,i)perylene	29.100	276	5575070	41.118	ng	99

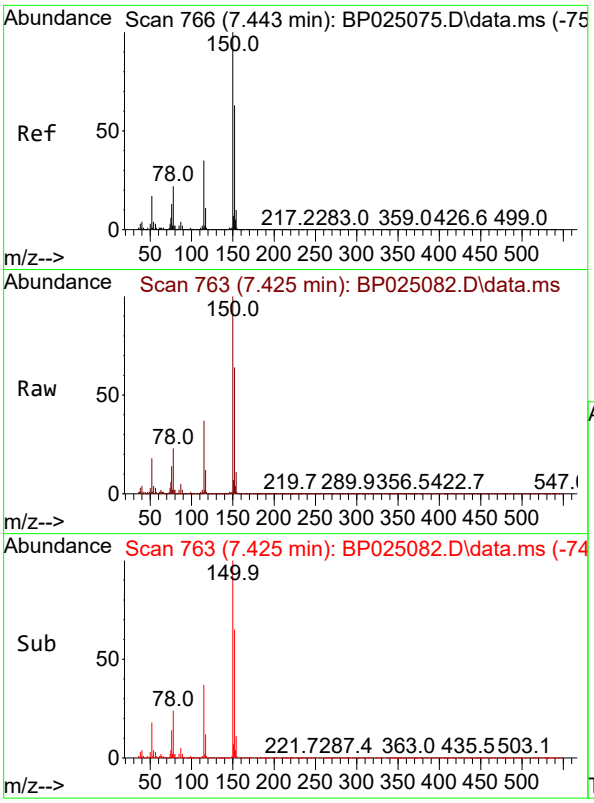
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025082.D
Acq On : 10 Jul 2025 14:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 11 06:56:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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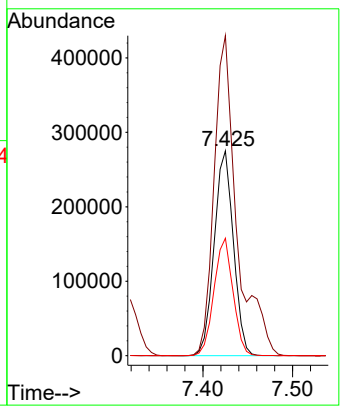


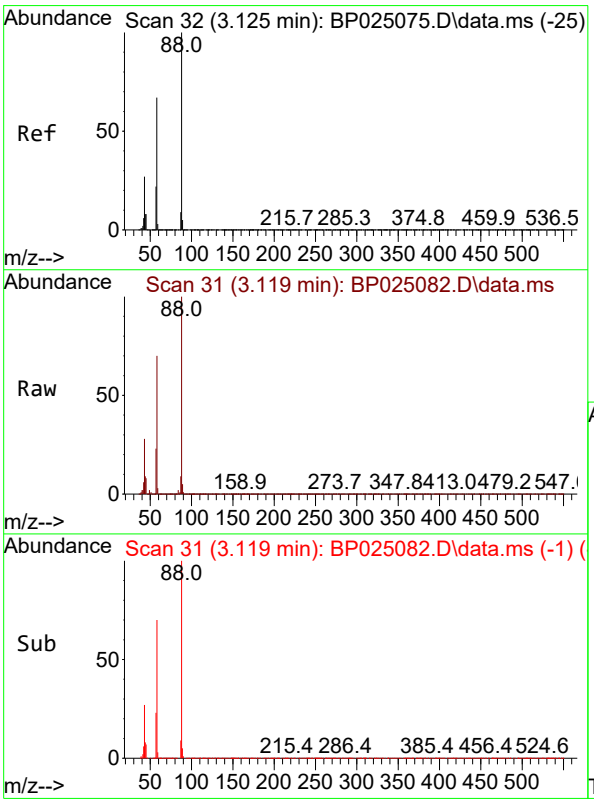
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.425 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 409438

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.1	189.1
115	57.4	44.3	66.5

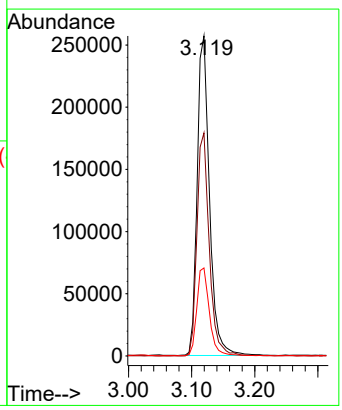


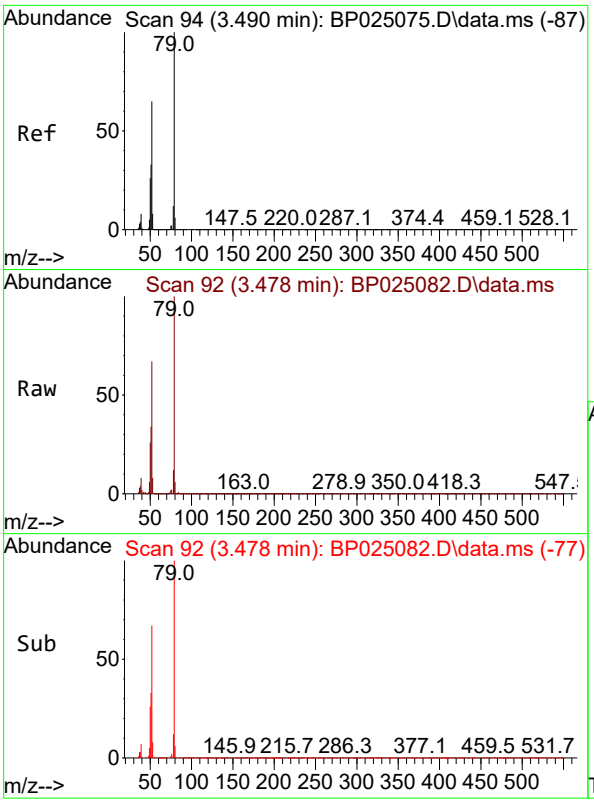


#2
1,4-Dioxane
Concen: 38.670 ng
RT: 3.119 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion: 88 Resp: 347477

Ion	Ratio	Lower	Upper
88	100		
58	69.9	55.0	82.4
43	27.9	21.9	32.9



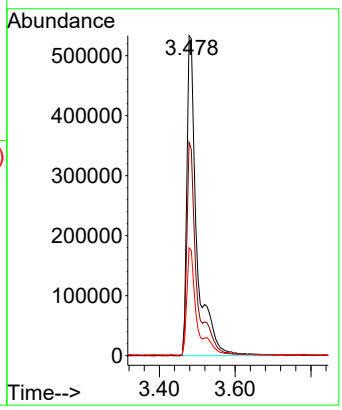


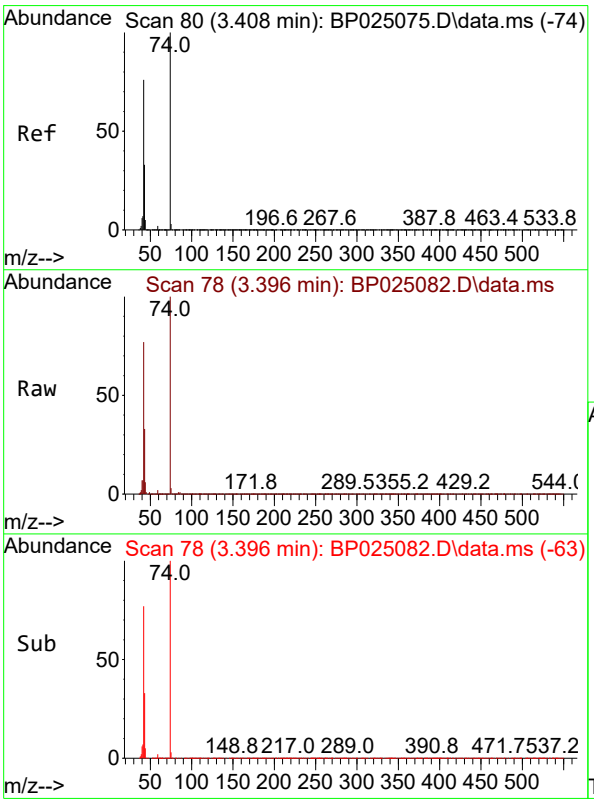
#3
Pyridine
Concen: 39.857 ng
RT: 3.478 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 980505

Ion	Ratio	Lower	Upper
79	100		
52	66.6	52.2	78.4
51	33.7	26.8	40.2

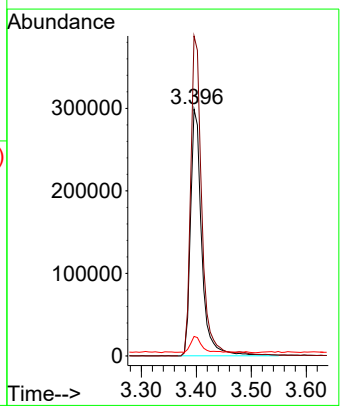


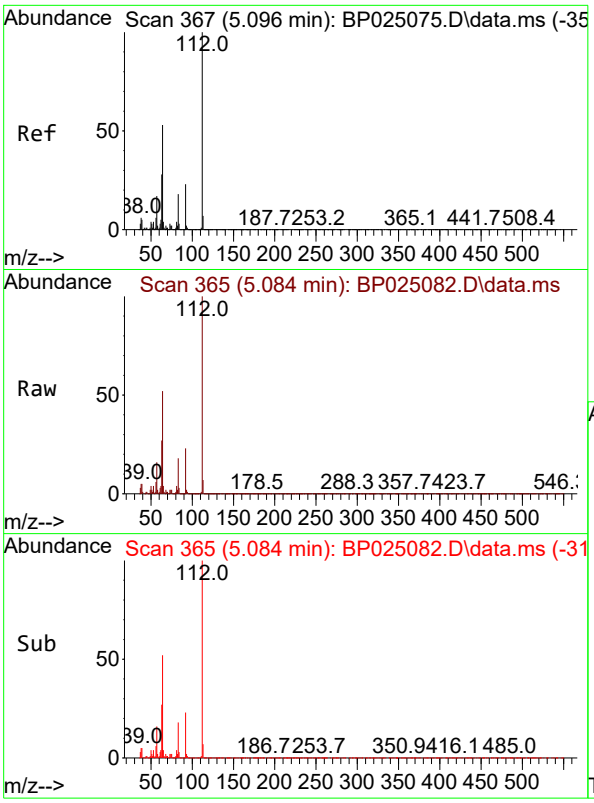


#4
n-Nitrosodimethylamine
Concen: 40.369 ng
RT: 3.396 min Scan# 78
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion: 42 Resp: 420487

Ion	Ratio	Lower	Upper
42	100		
74	129.7	105.2	157.8
44	7.9	6.6	9.8



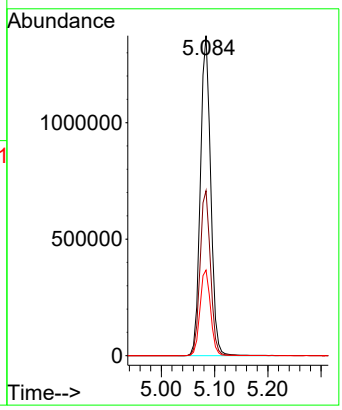


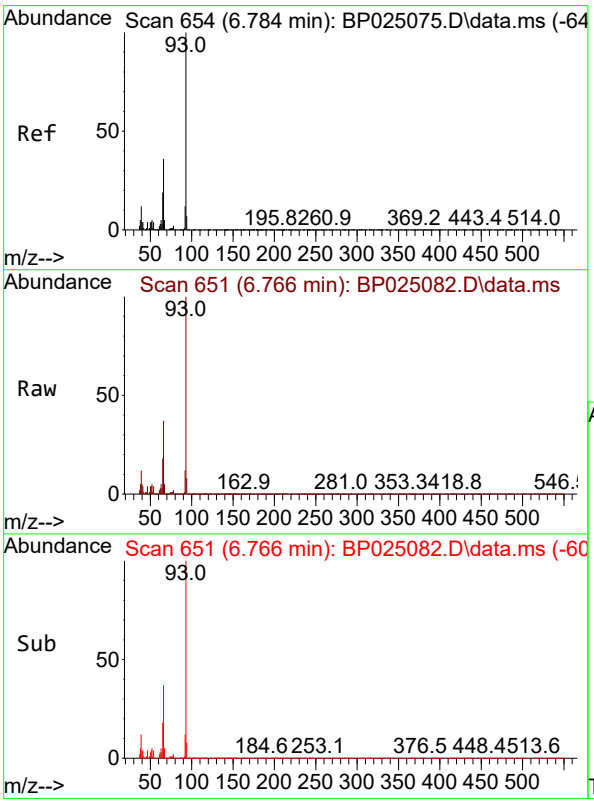
#5
2-Fluorophenol
Concen: 79.918 ng
RT: 5.084 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1846736

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.0	63.0
63	26.8	22.2	33.2

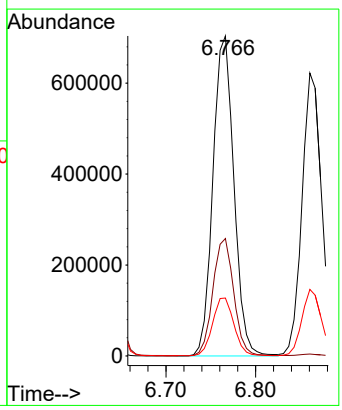


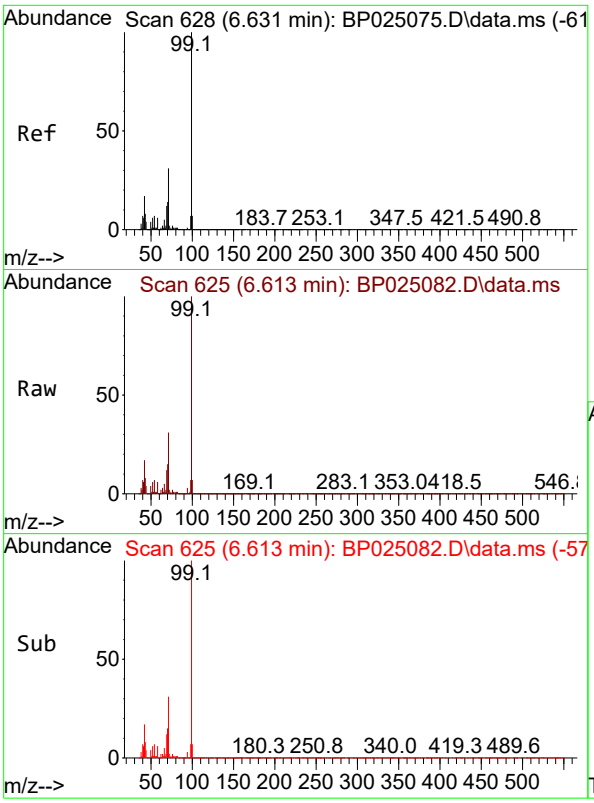


#6
Aniline
Concen: 40.506 ng
RT: 6.766 min Scan# 651
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion: 93 Resp: 1141245

Ion	Ratio	Lower	Upper
93	100		
66	36.7	28.9	43.3
65	18.1	15.2	22.8



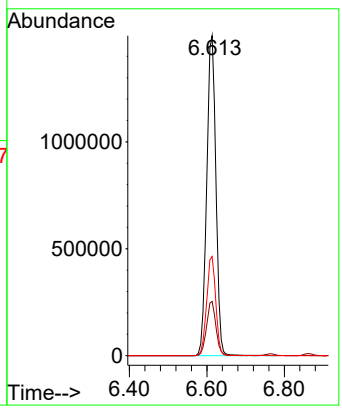


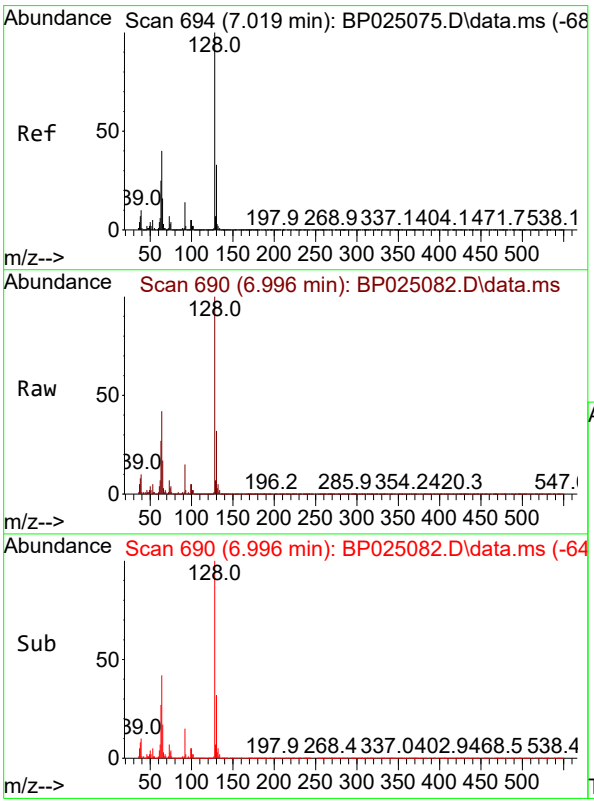
#7
Phenol-d6
Concen: 81.391 ng
RT: 6.613 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2454395

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	31.0	24.4	36.6

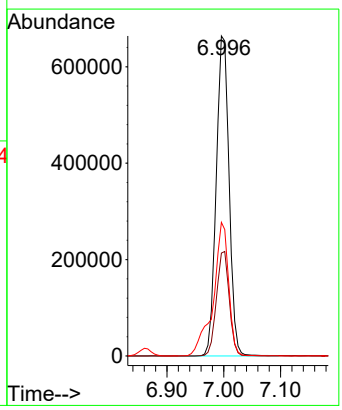


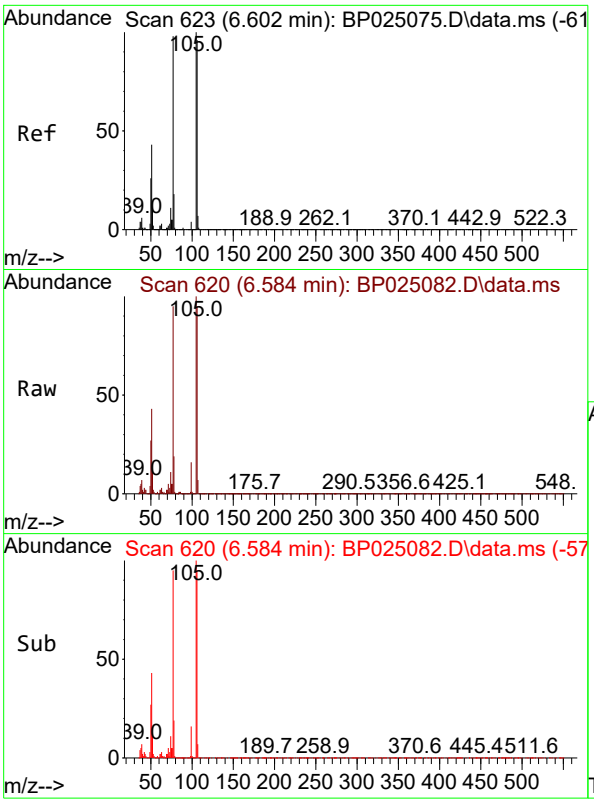


#8
2-Chlorophenol
Concen: 40.363 ng
RT: 6.996 min Scan# 690
Delta R.T. -0.024 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:128 Resp: 1043577

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	41.7	20.3	60.3



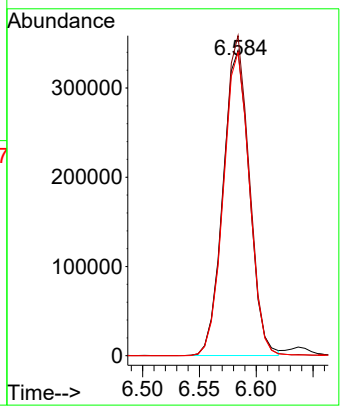


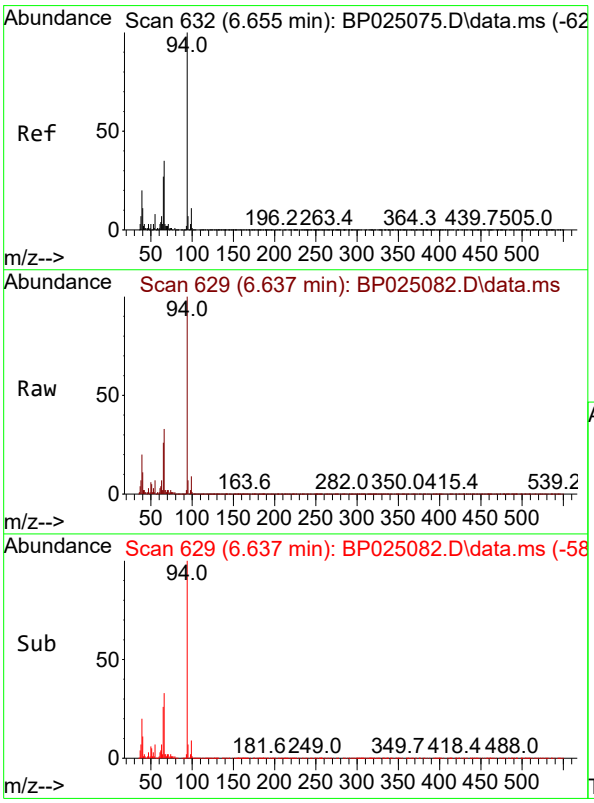
#9
Benzaldehyde
Concen: 35.132 ng
RT: 6.584 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 553287

Ion	Ratio	Lower	Upper
77	100		
105	104.9	82.4	122.4
106	99.4	78.3	118.3

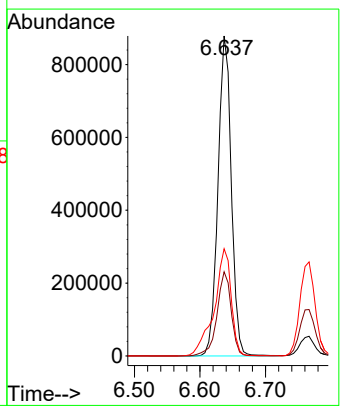


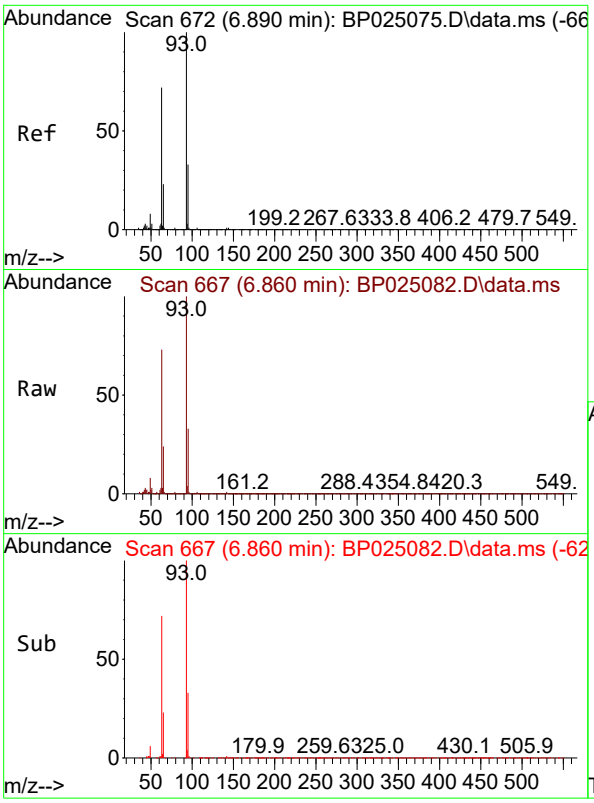


#10
Phenol
Concen: 40.259 ng
RT: 6.637 min Scan# 629
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion: 94 Resp: 1233553

Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.9	46.9
66	33.5	14.6	54.6



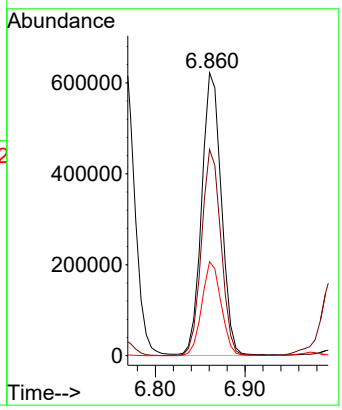


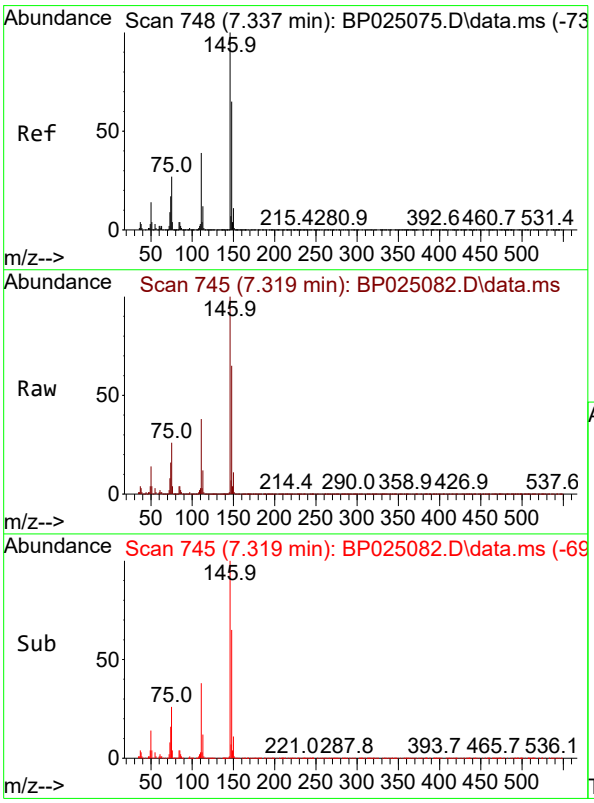
#11
bis(2-Chloroethyl)ether
Concen: 40.213 ng
RT: 6.860 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 948274

Ion	Ratio	Lower	Upper
93	100		
63	72.9	51.9	91.9
95	33.2	12.4	52.4

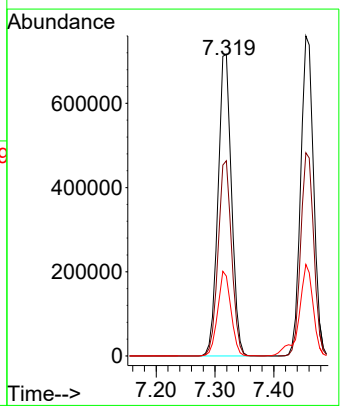


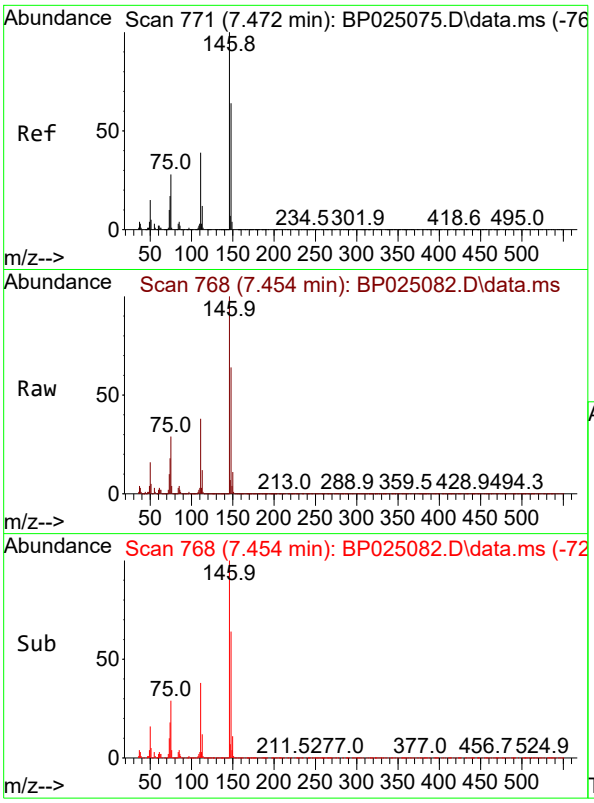


#12
1,3-Dichlorobenzene
Concen: 39.498 ng
RT: 7.319 min Scan# 745
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:146 Resp: 1142897

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
75	26.4	21.8	32.6



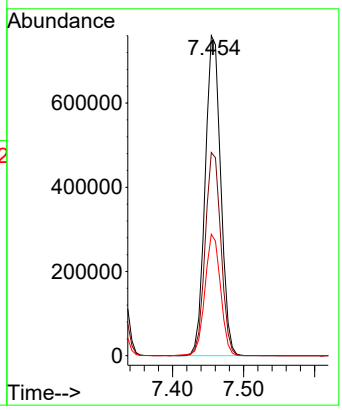


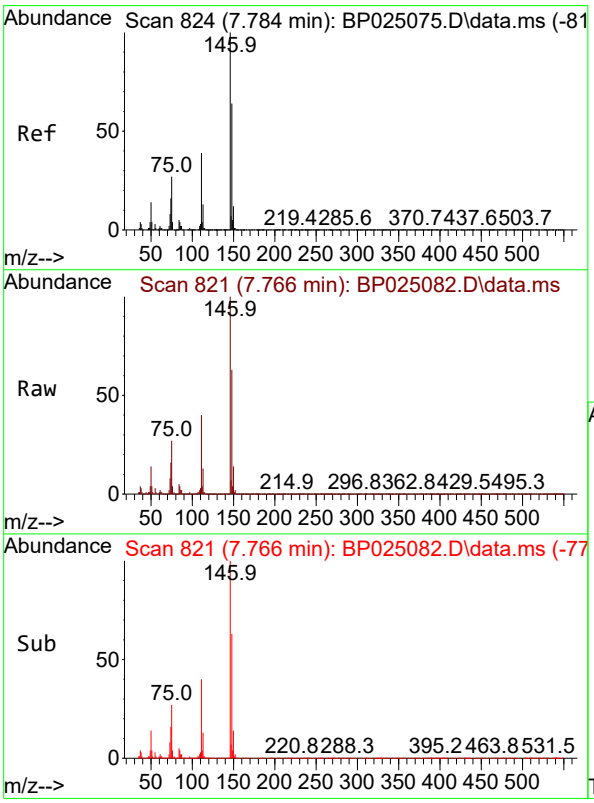
#13
1,4-Dichlorobenzene
Concen: 39.463 ng
RT: 7.454 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1156119

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	38.0	31.2	46.8

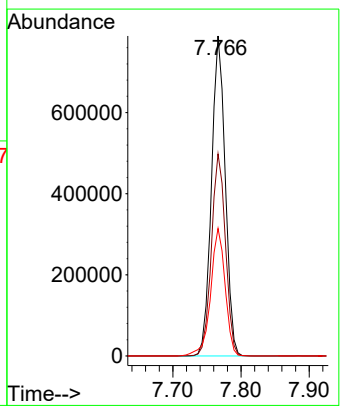


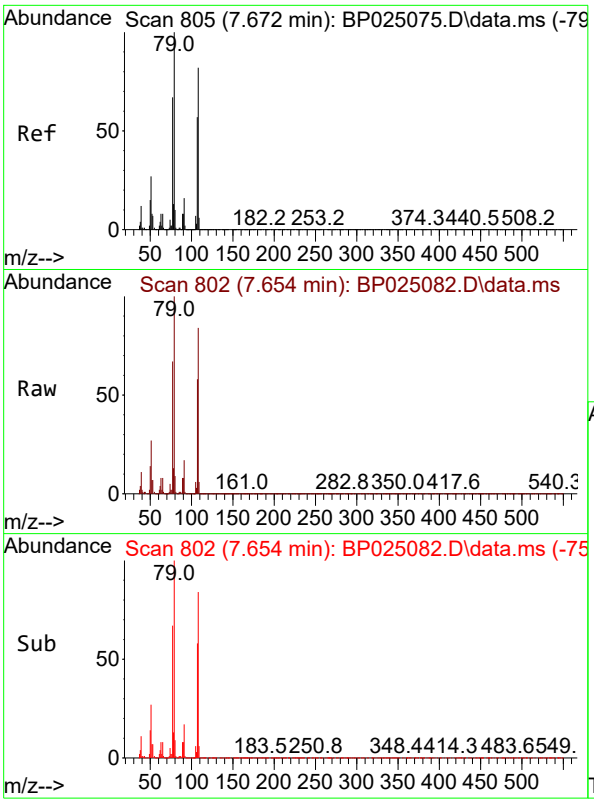


#14
1,2-Dichlorobenzene
Concen: 39.344 ng
RT: 7.766 min Scan# 821
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:146 Resp: 1108790

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	39.9	31.2	46.8



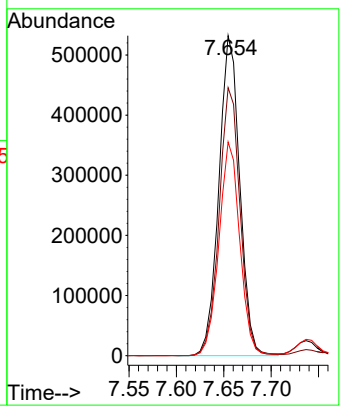


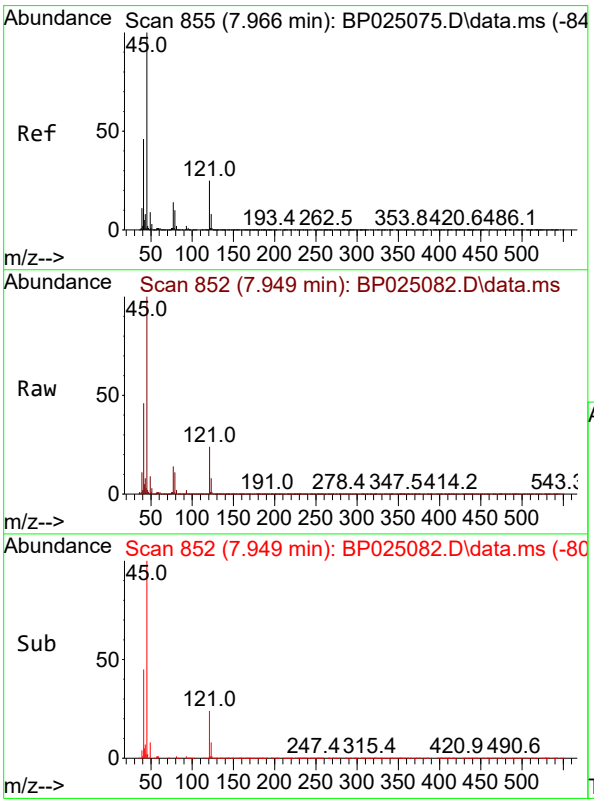
#15
Benzyl Alcohol
Concen: 40.597 ng
RT: 7.654 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 817086

Ion	Ratio	Lower	Upper
79	100		
108	83.8	66.0	99.0
77	66.8	53.4	80.2

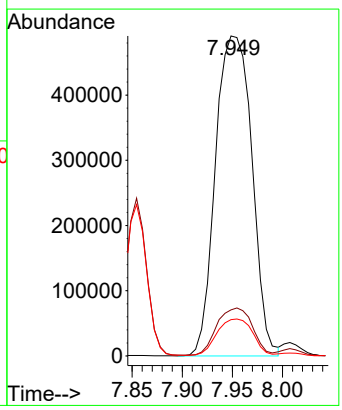


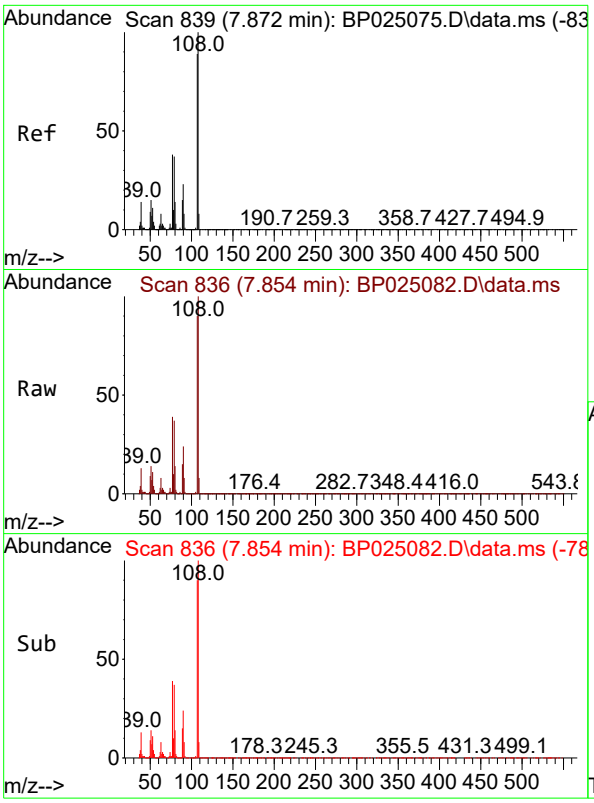


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.475 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion: 45 Resp: 1241027

Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	34.8
79	11.4	0.0	30.7



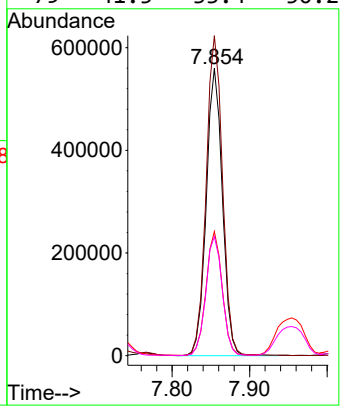


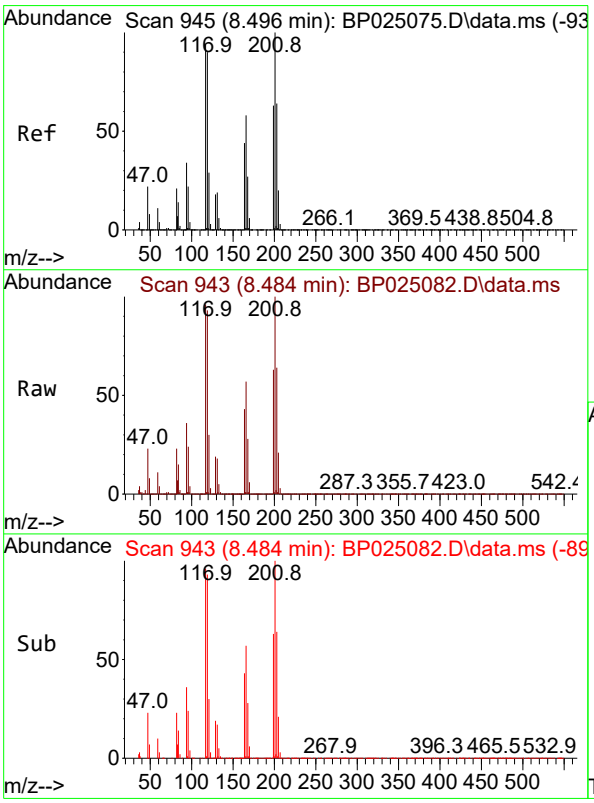
#17
2-Methylphenol
Concen: 41.058 ng
RT: 7.854 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 810369

Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.7	134.5
77	43.2	34.2	51.4
79	41.5	33.4	50.2

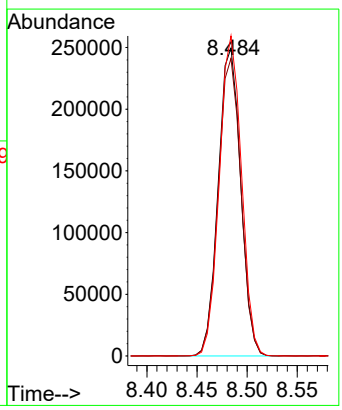


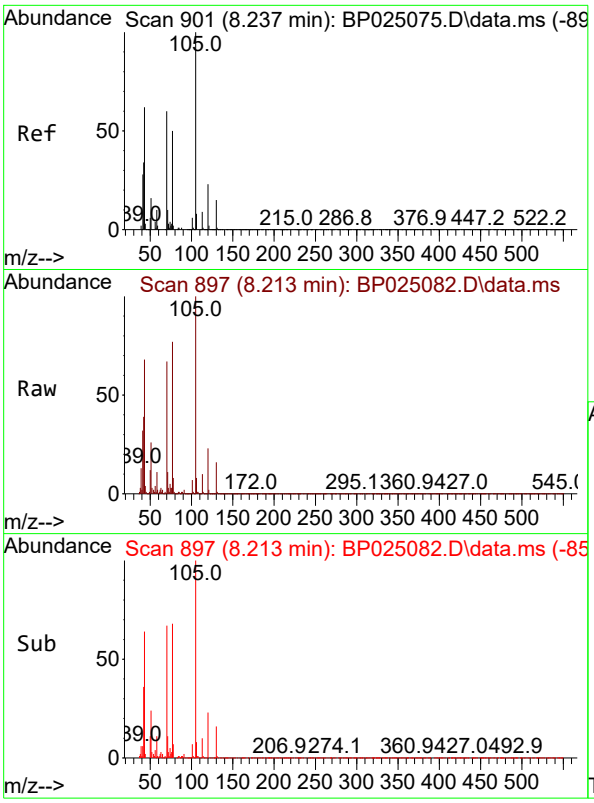


#18
Hexachloroethane
Concen: 40.726 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:117 Resp: 388679

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.6	115.0
201	103.9	85.4	128.2



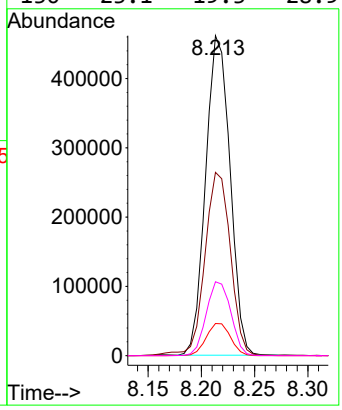


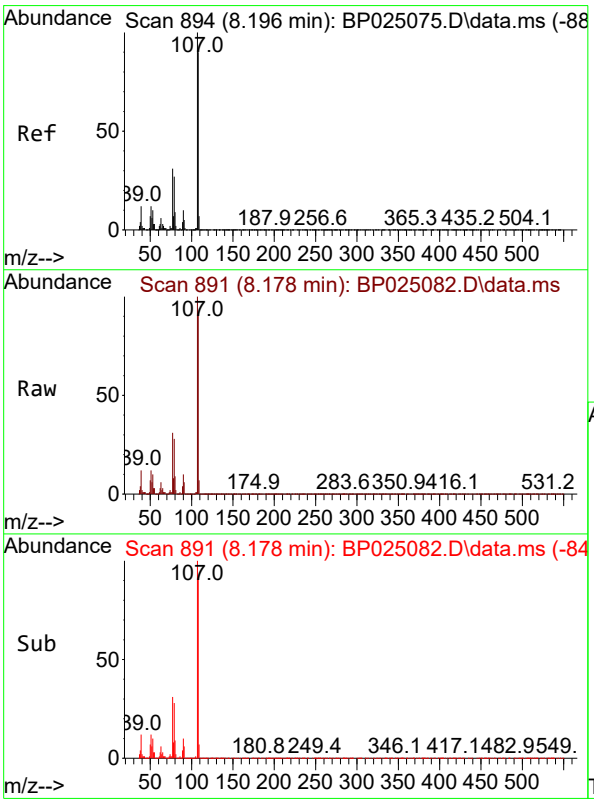
#19
n-Nitroso-di-n-propylamine
Concen: 41.169 ng
RT: 8.213 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 736259

Ion	Ratio	Lower	Upper
70	100		
42	57.3	46.5	69.7
101	10.1	7.9	11.9
130	23.1	19.3	28.9

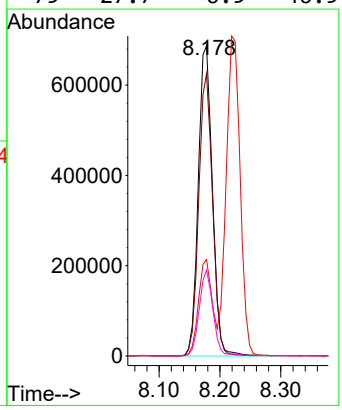


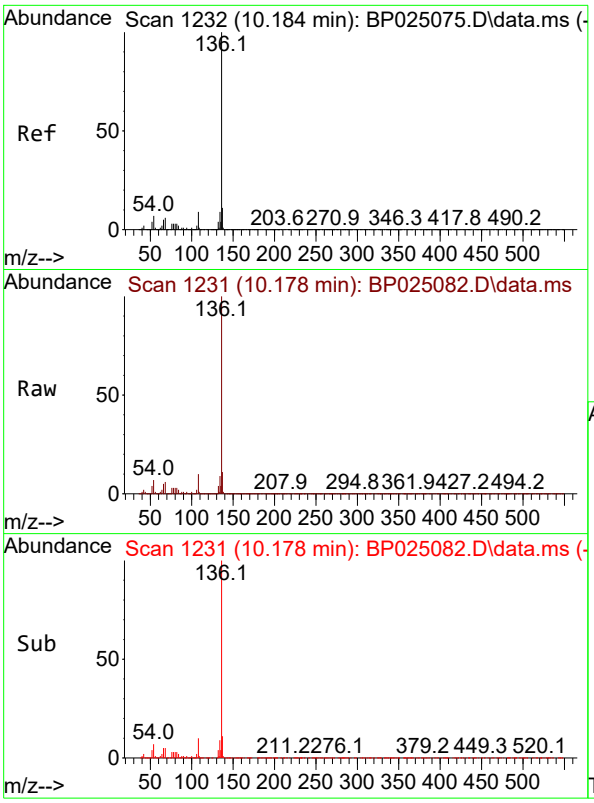


#20
3+4-Methylphenols
Concen: 39.971 ng
RT: 8.178 min Scan# 891
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:107 Resp: 1105023

Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.5	109.5
77	31.1	11.4	51.4
79	27.7	6.9	46.9



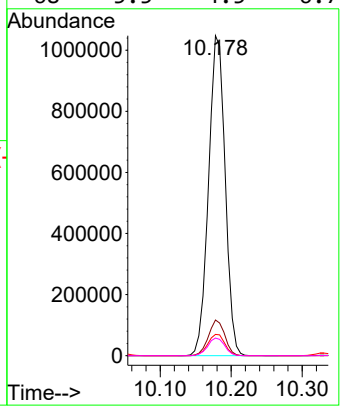


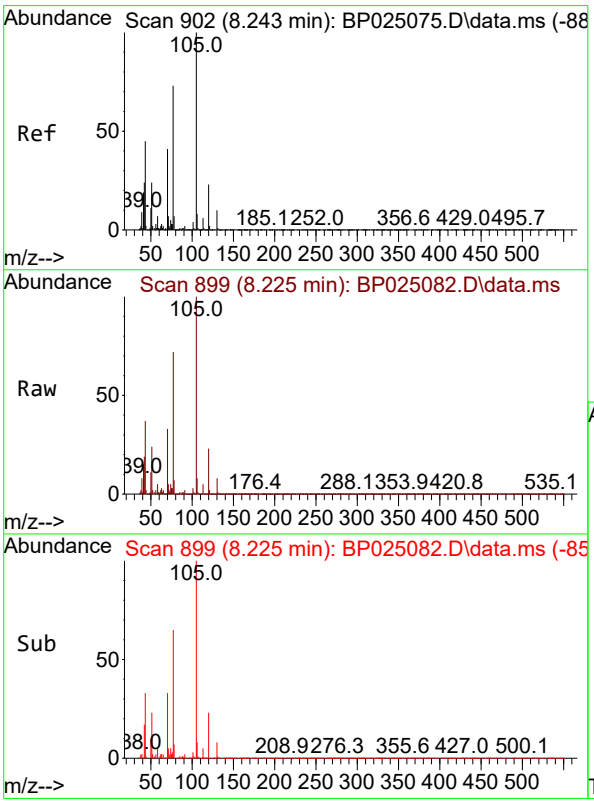
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1701299

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.6	5.4	8.2
68	5.5	4.5	6.7

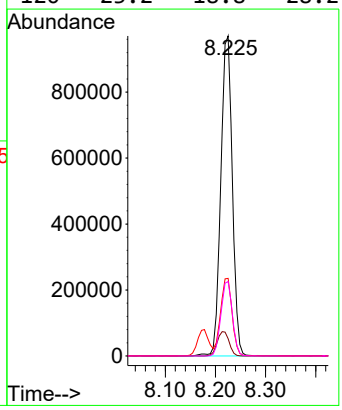


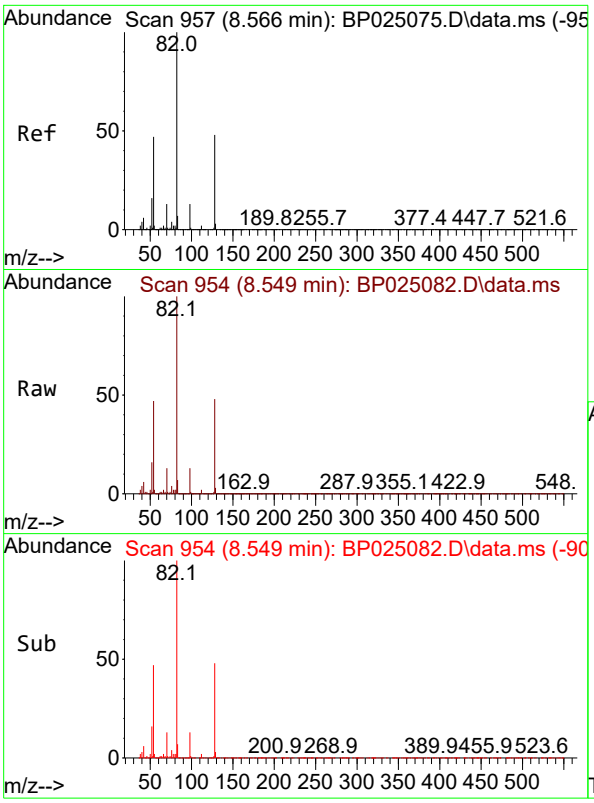


#22
Acetophenone
Concen: 38.479 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:105 Resp: 1548207

Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.4	8.2#
51	24.2	19.6	29.4
120	23.2	18.8	28.2



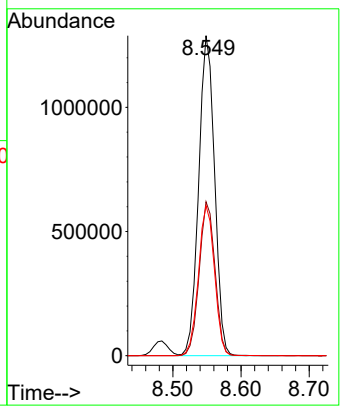


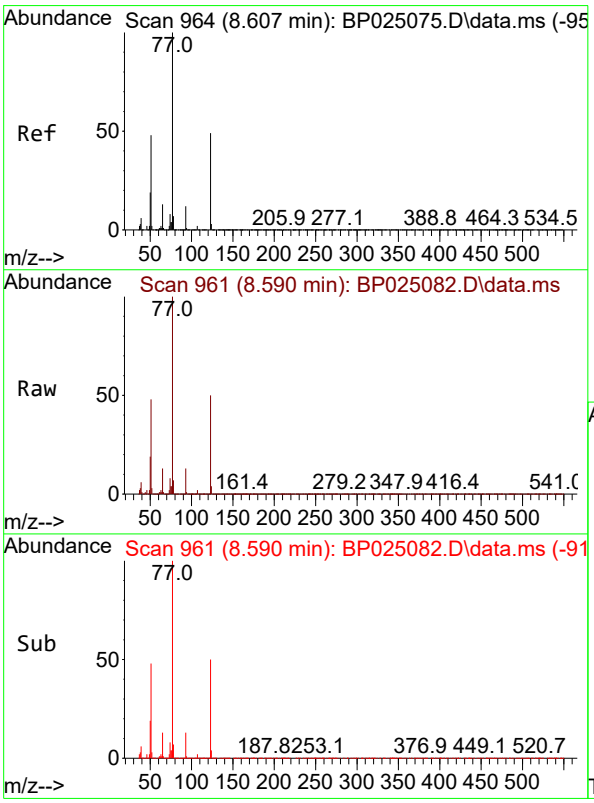
#23
Nitrobenzene-d5
Concen: 81.753 ng
RT: 8.549 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2091365

Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.4	57.6
54	46.9	37.8	56.6

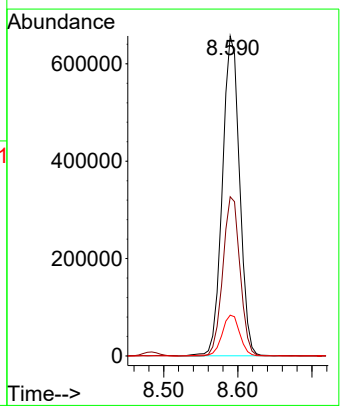


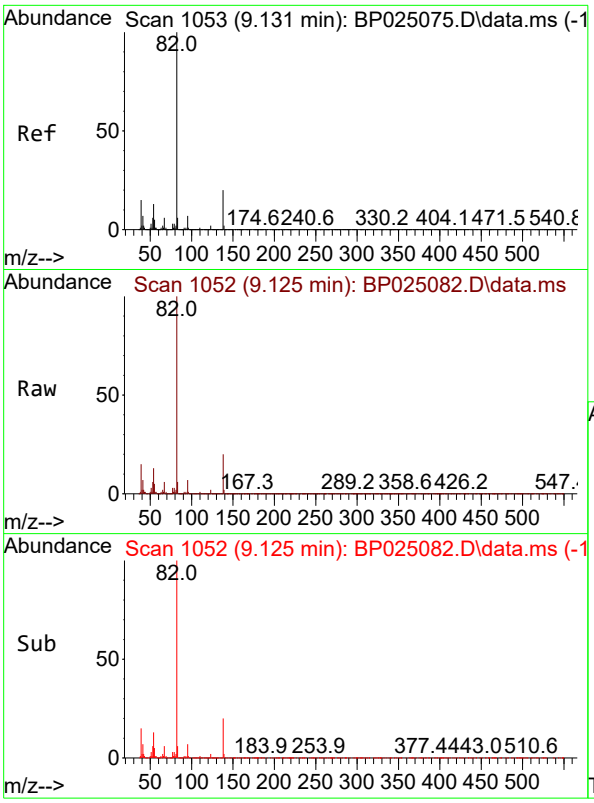


#24
Nitrobenzene
Concen: 40.662 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion: 77 Resp: 1059515

Ion	Ratio	Lower	Upper
77	100		
123	49.7	39.0	58.6
65	12.8	10.7	16.1



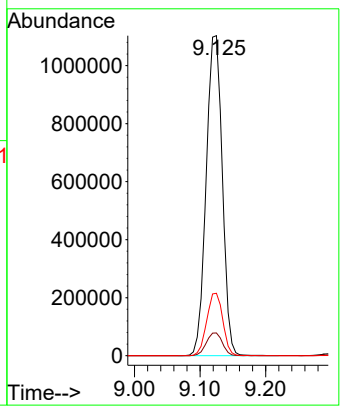


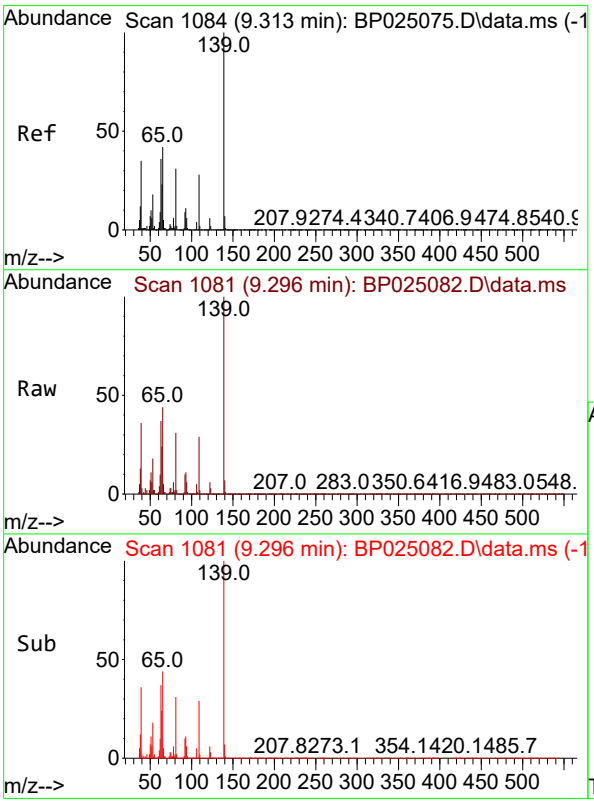
#25
Isophorone
Concen: 39.479 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1887392

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	19.5	15.7	23.5

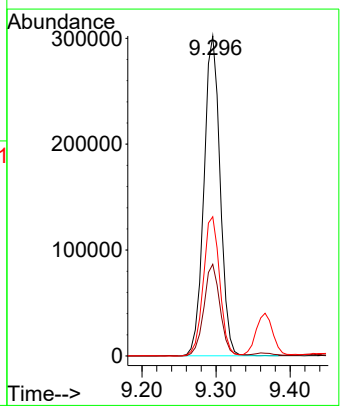


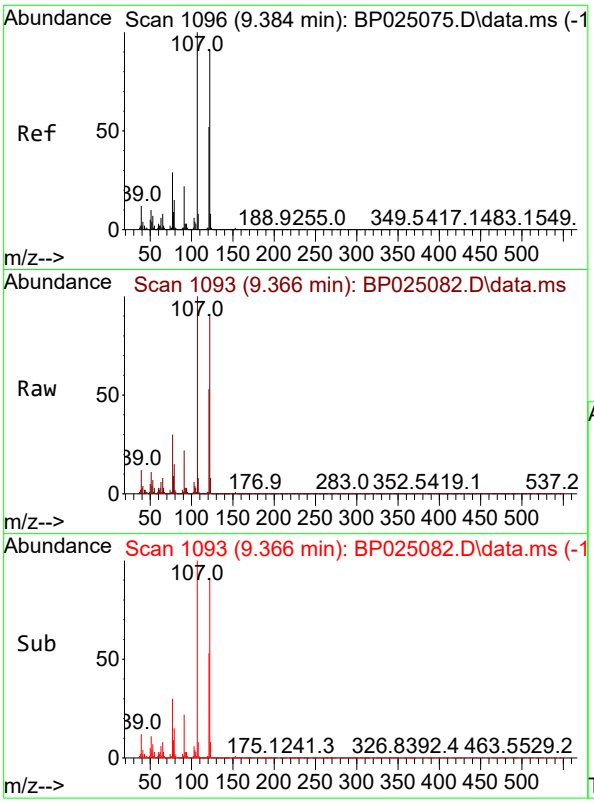


#26
2-Nitrophenol
Concen: 36.991 ng
RT: 9.296 min Scan# 1081
Delta R.T. -0.017 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:139 Resp: 457452

Ion	Ratio	Lower	Upper
139	100		
109	28.6	22.3	33.5
65	43.5	33.8	50.8



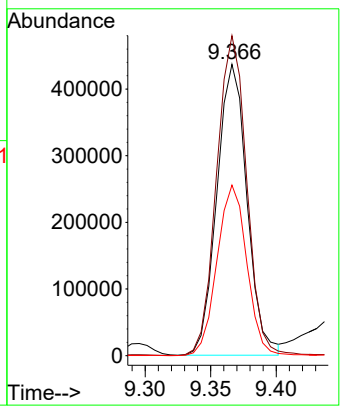


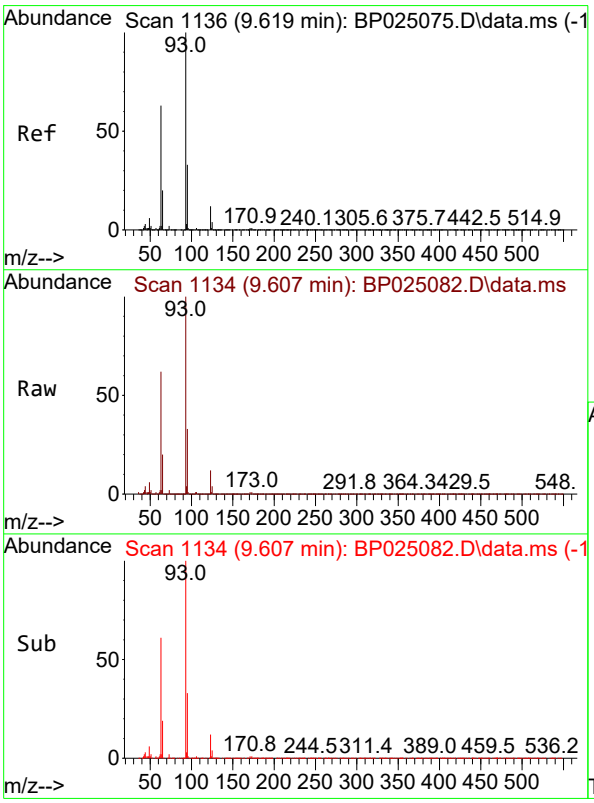
#27
2,4-Dimethylphenol
Concen: 39.107 ng
RT: 9.366 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 697403

Ion	Ratio	Lower	Upper
122	100		
107	109.8	88.2	132.2
121	58.5	46.1	69.1

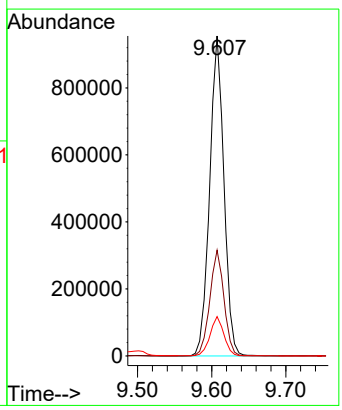


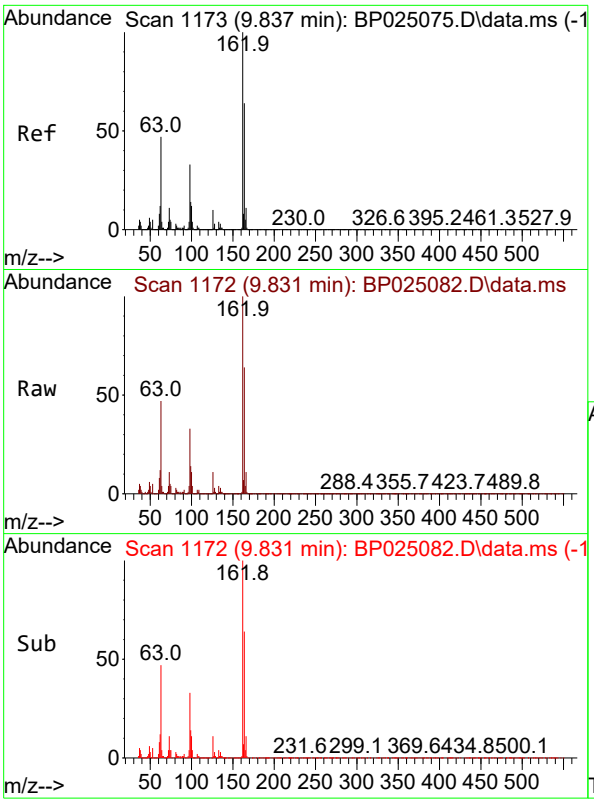


#28
bis(2-Chloroethoxy)methane
Concen: 39.315 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion: 93 Resp: 1276202

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.3	10.1	15.1



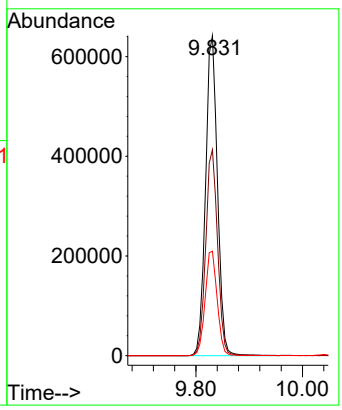


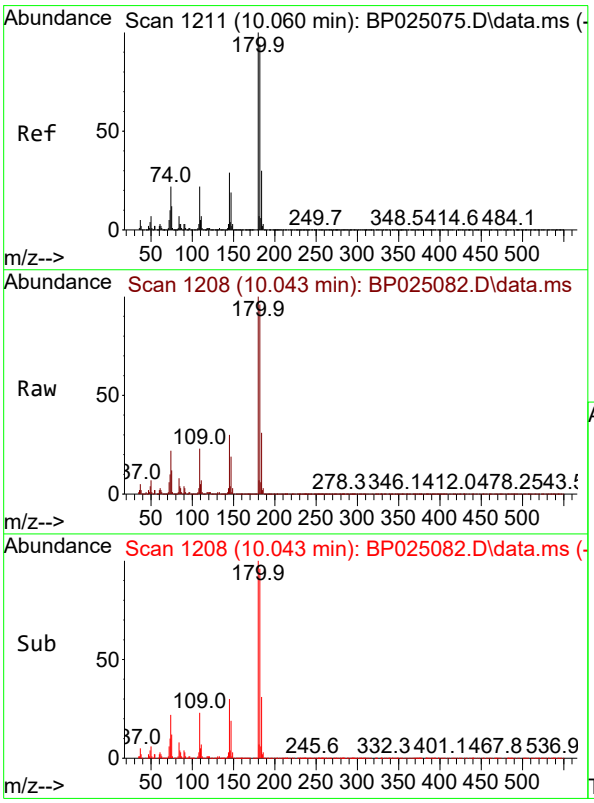
#29
2,4-Dichlorophenol
Concen: 40.347 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 997711

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.1	84.1
98	32.7	13.1	53.1

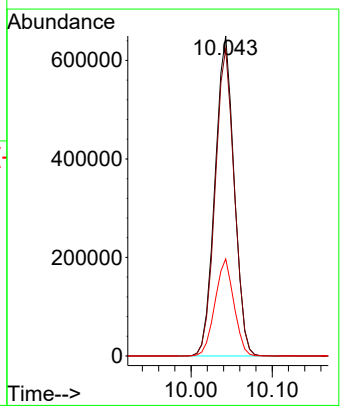


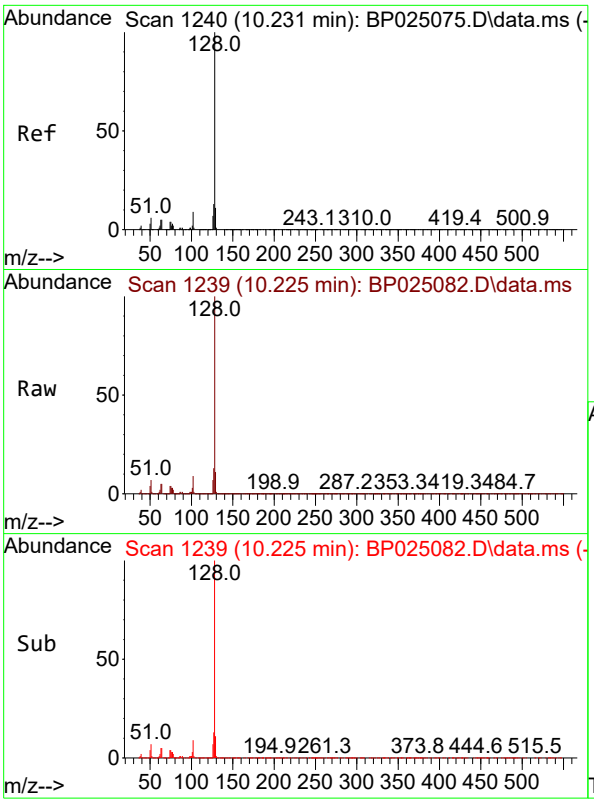


#30
1,2,4-Trichlorobenzene
Concen: 38.805 ng
RT: 10.043 min Scan# 1208
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:180 Resp: 1062633

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.1	112.7
145	30.3	23.3	34.9



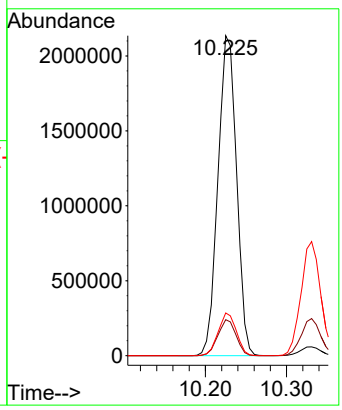


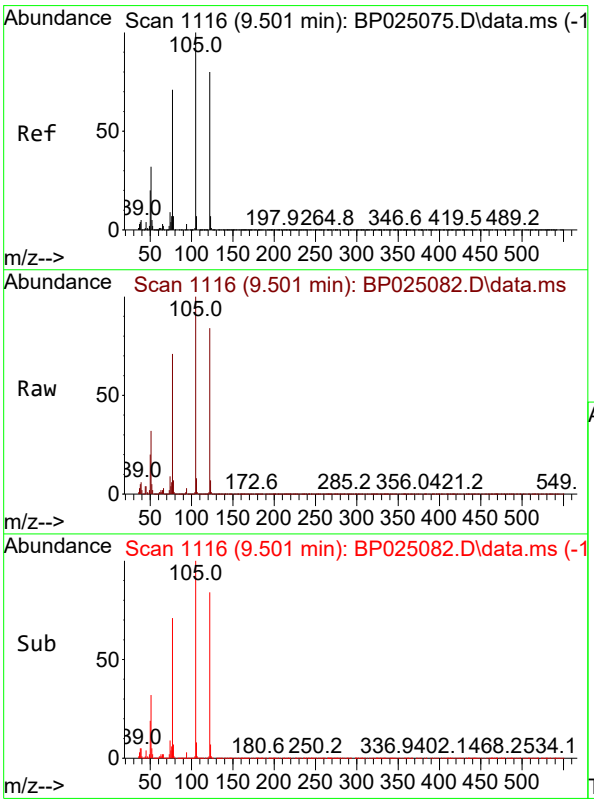
#31
Naphthalene
Concen: 38.900 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 3407814

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.3	10.4	15.6

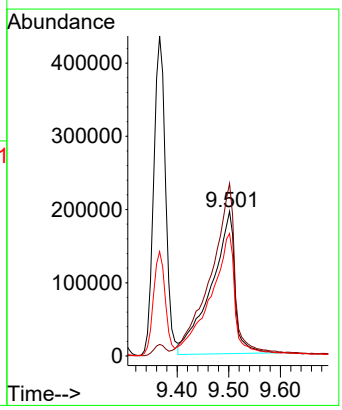


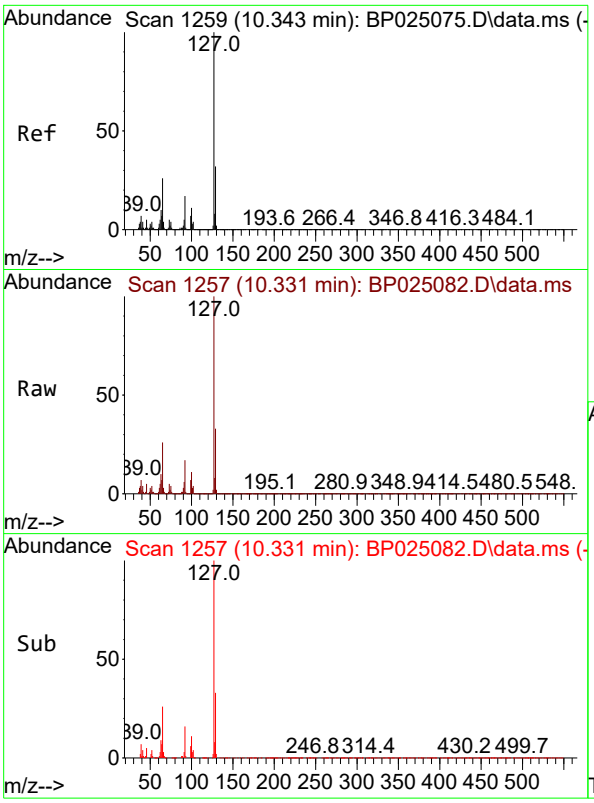


#32
Benzoic acid
Concen: 36.374 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:122 Resp: 617292

Ion	Ratio	Lower	Upper
122	100		
105	119.2	101.0	141.0
77	84.6	67.6	107.6



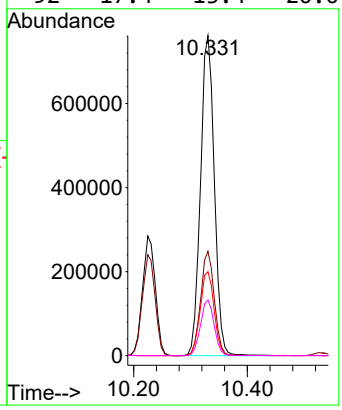


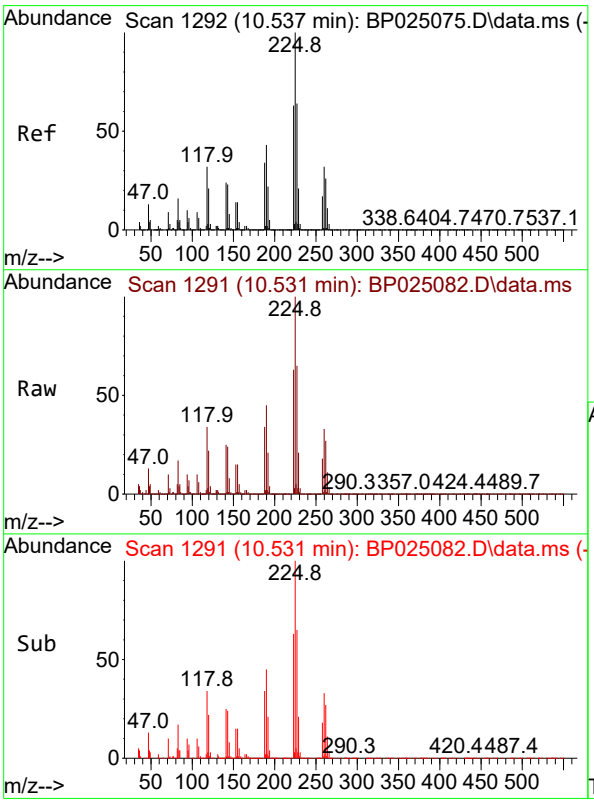
#33
4-Chloroaniline
Concen: 39.286 ng
RT: 10.331 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1284372

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.4	38.2
65	26.2	21.0	31.6
92	17.4	13.4	20.0

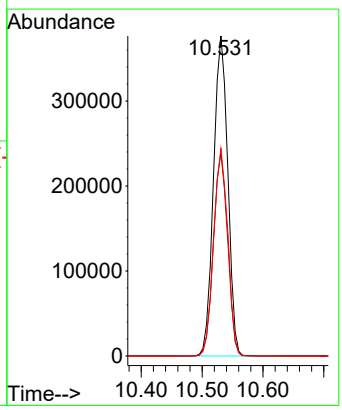


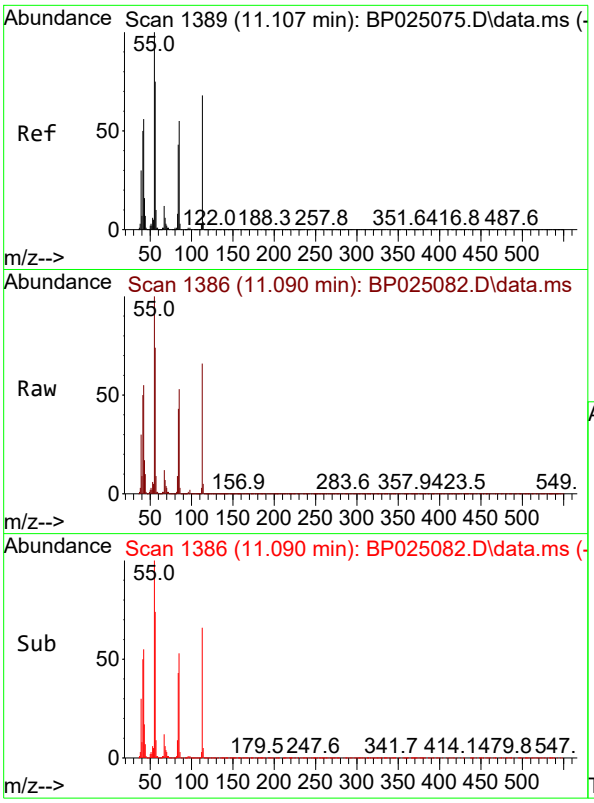


#34
Hexachlorobutadiene
Concen: 38.956 ng
RT: 10.531 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:225 Resp: 612184

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	64.9	51.3	76.9



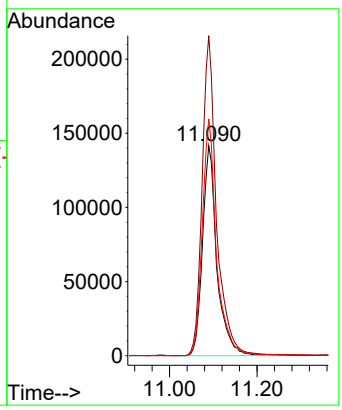


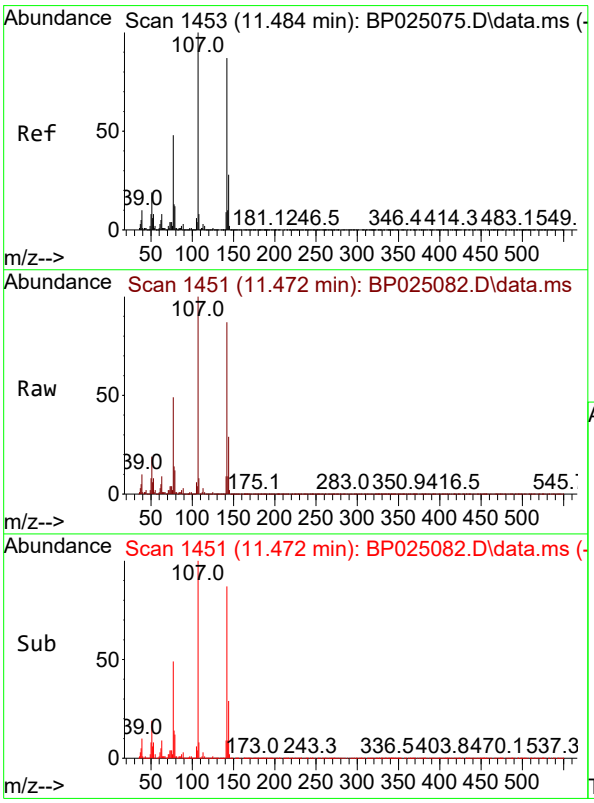
#35
Caprolactam
Concen: 38.340 ng
RT: 11.090 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 324341

Ion	Ratio	Lower	Upper
113	100		
55	152.4	128.1	168.1
56	112.8	90.7	130.7

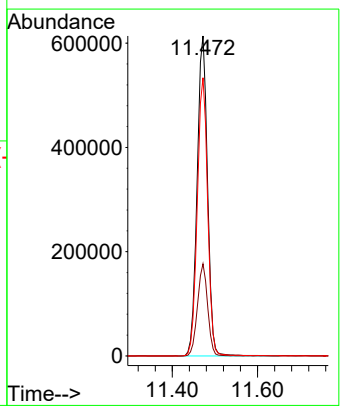


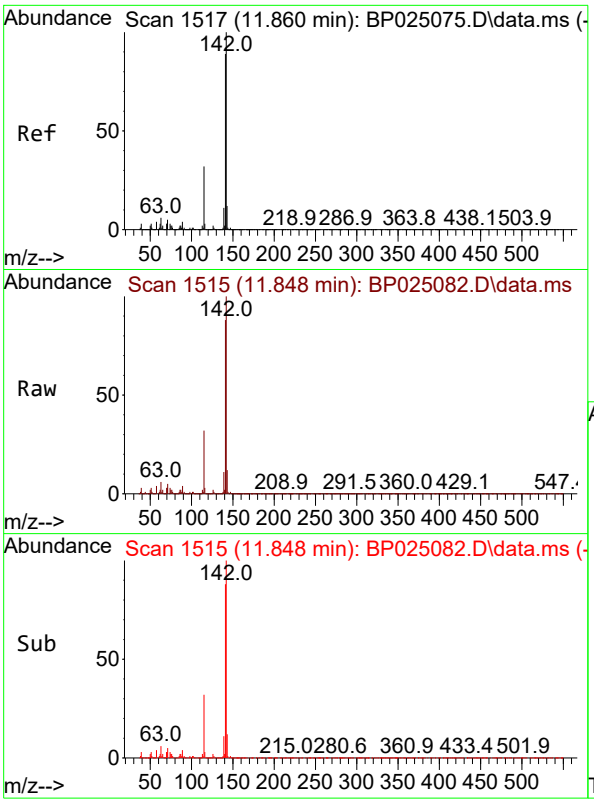


#36
4-Chloro-3-methylphenol
Concen: 40.173 ng
RT: 11.472 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:107 Resp: 1038122

Ion	Ratio	Lower	Upper
107	100		
144	28.8	22.4	33.6
142	87.0	69.6	104.4



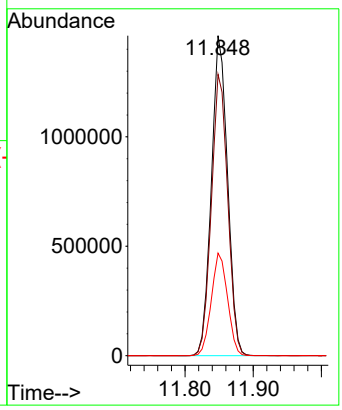


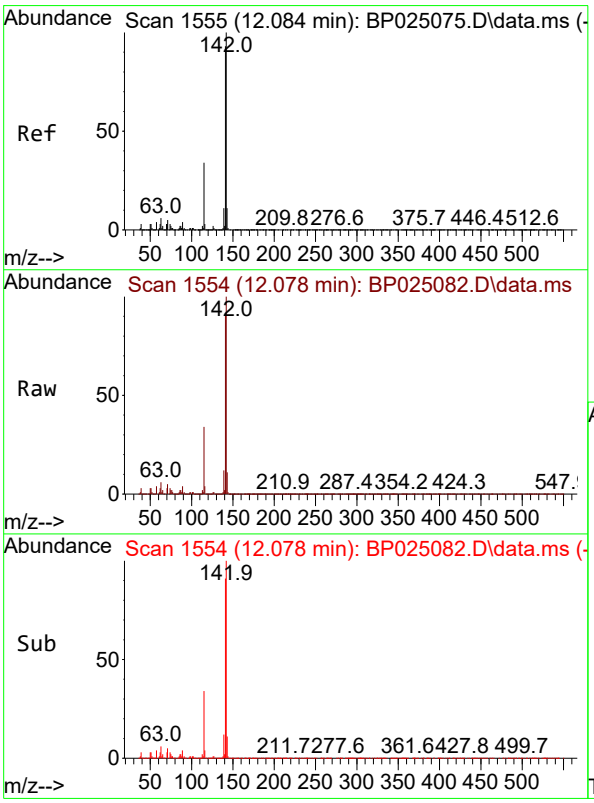
#37
2-Methylnaphthalene
Concen: 39.004 ng
RT: 11.848 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 2410865

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.2	106.8
115	32.1	25.9	38.9

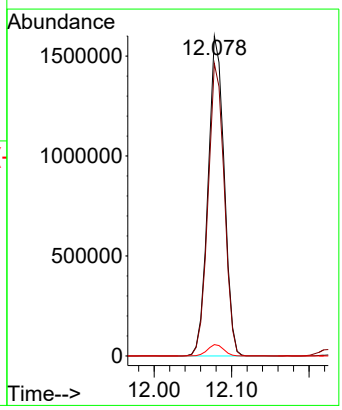


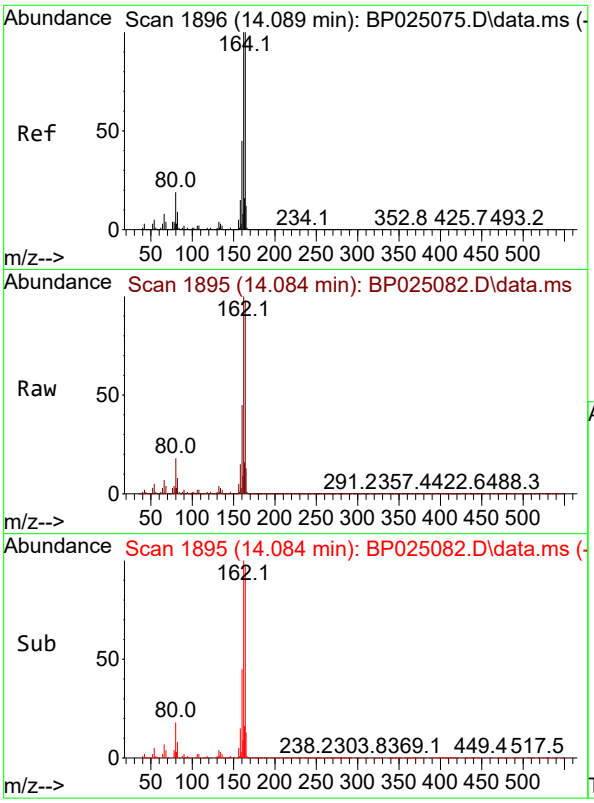


#38
1-Methylnaphthalene
Concen: 38.391 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:142 Resp: 2314332

Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.1	111.1
116	3.6	2.7	4.1



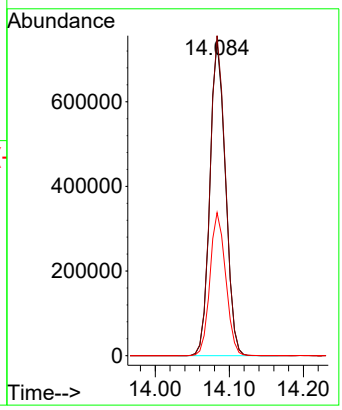


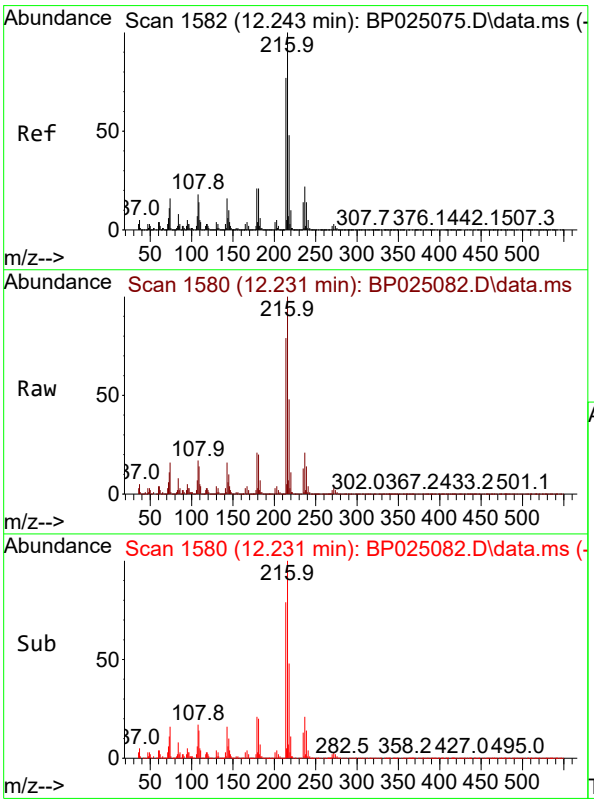
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 1080407

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.3	120.5
160	45.5	35.9	53.9

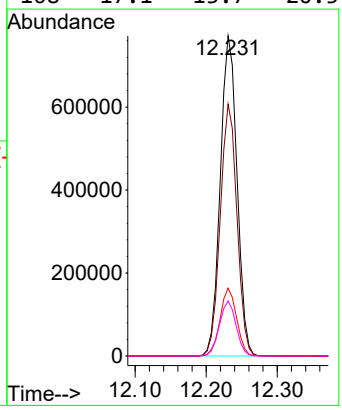


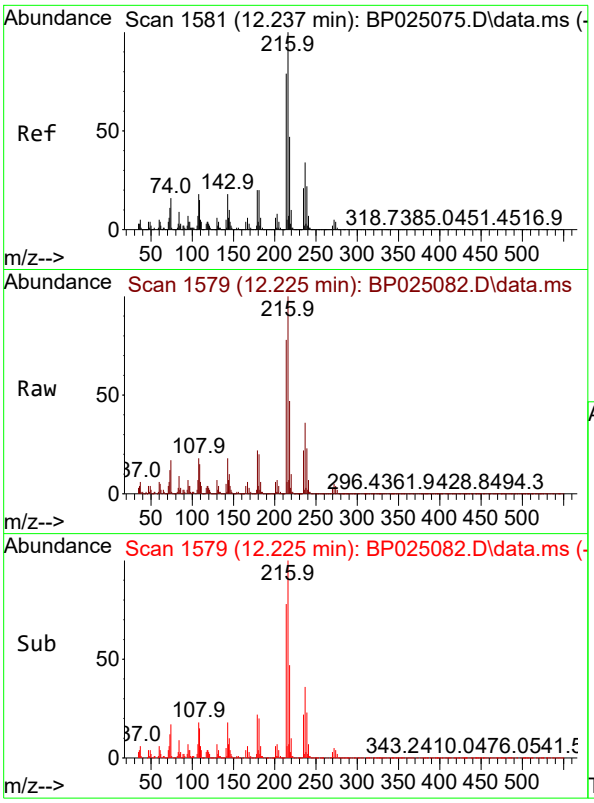


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.535 ng
RT: 12.231 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:216 Resp: 1258634

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	20.9	16.5	24.7
108	17.1	13.7	20.5



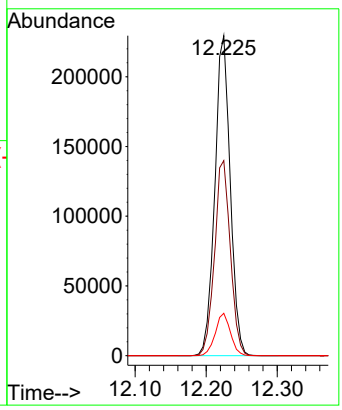


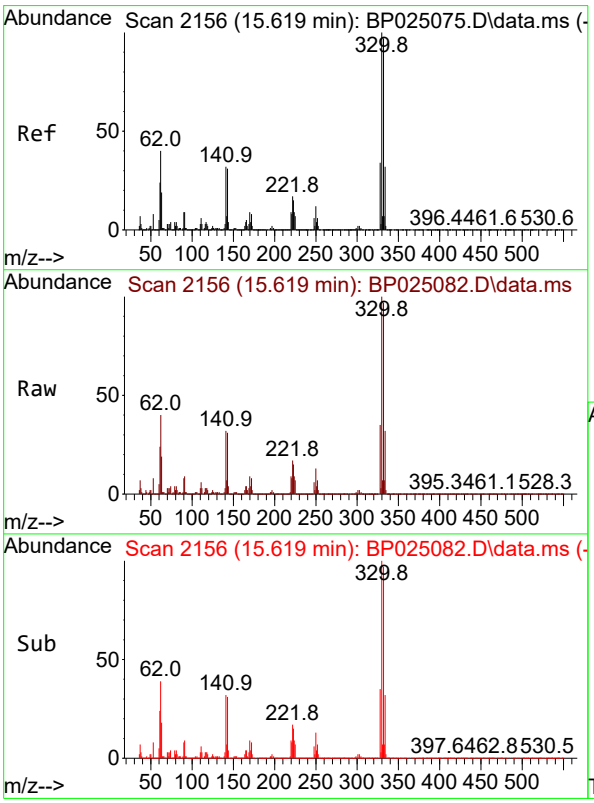
#41
Hexachlorocyclopentadiene
Concen: 42.419 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 344043

Ion	Ratio	Lower	Upper
237	100		
235	61.0	41.6	81.6
272	13.2	0.0	33.6

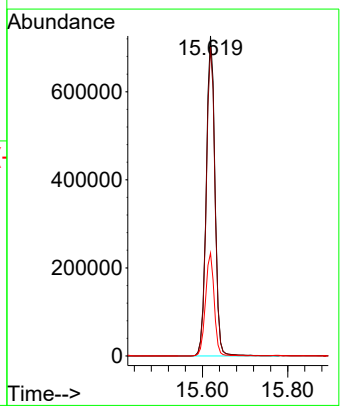


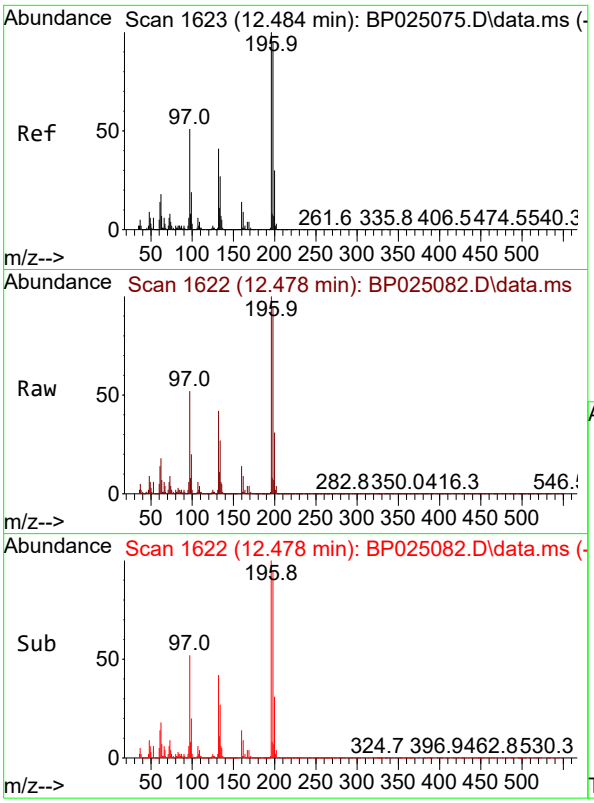


#42
2,4,6-Tribromophenol
Concen: 80.723 ng
RT: 15.619 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:330 Resp: 1030289

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.7	116.5
141	32.2	26.0	39.0



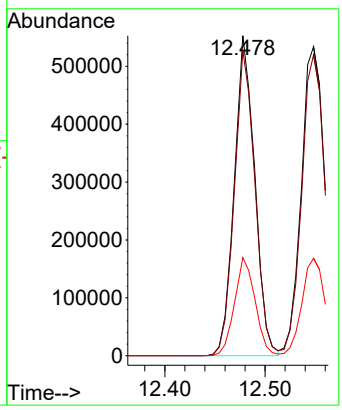


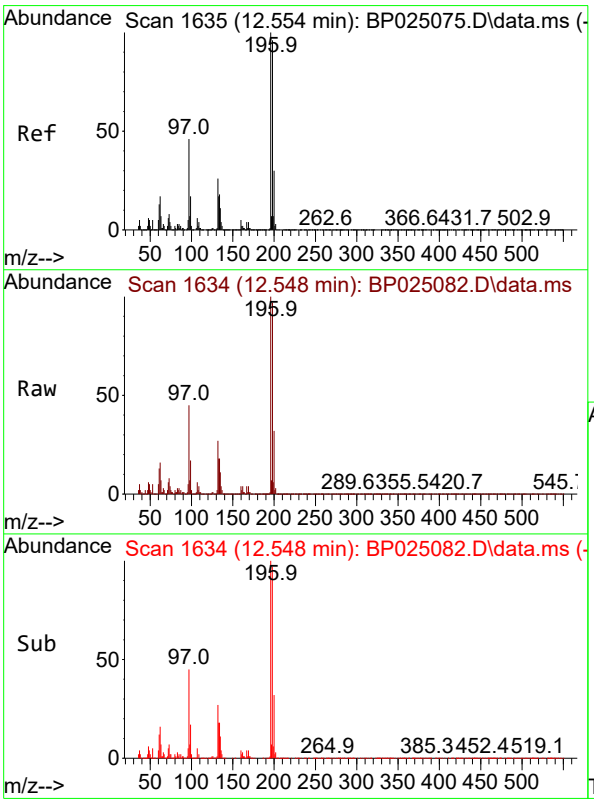
#43
2,4,6-Trichlorophenol
Concen: 41.847 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 786788

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.2
200	30.6	24.3	36.5

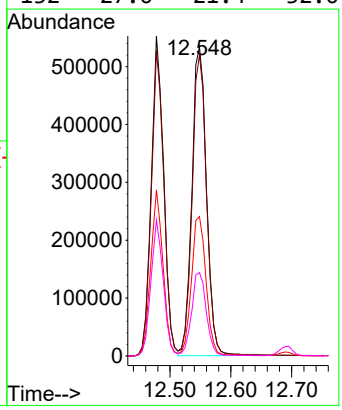


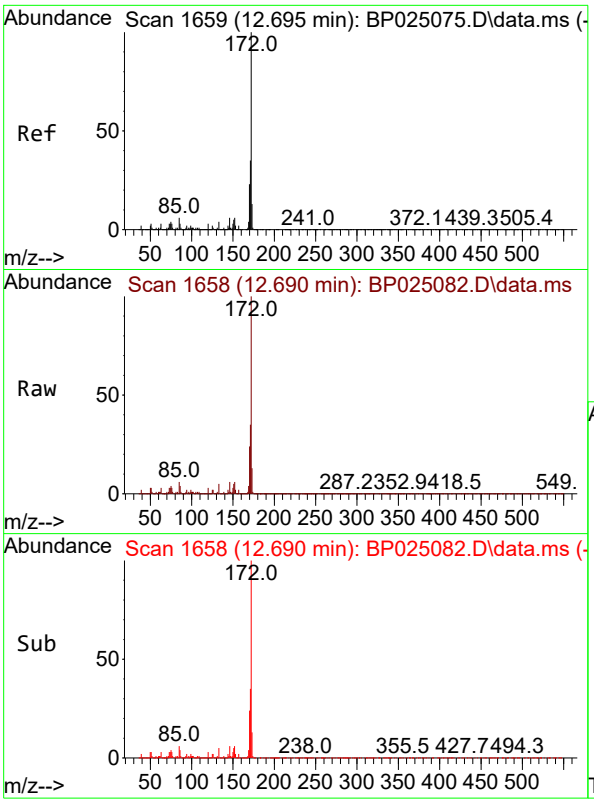


#44
2,4,5-Trichlorophenol
Concen: 41.739 ng
RT: 12.548 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:196 Resp: 889365

Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.6	115.0
97	45.1	36.6	55.0
132	27.0	21.4	32.0



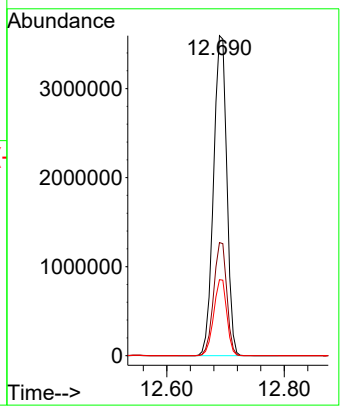


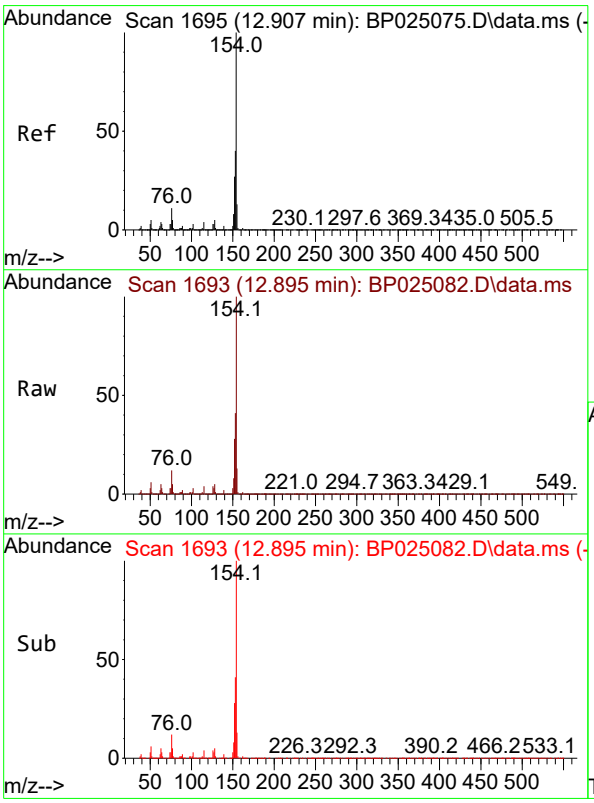
#45
2-Fluorobiphenyl
Concen: 80.634 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 5623496

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.8	18.7	28.1

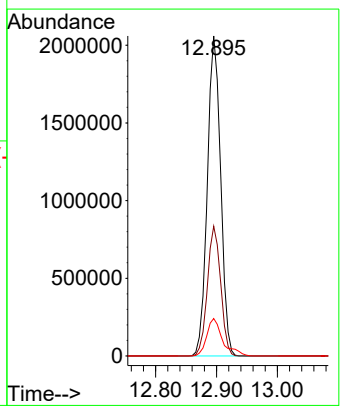


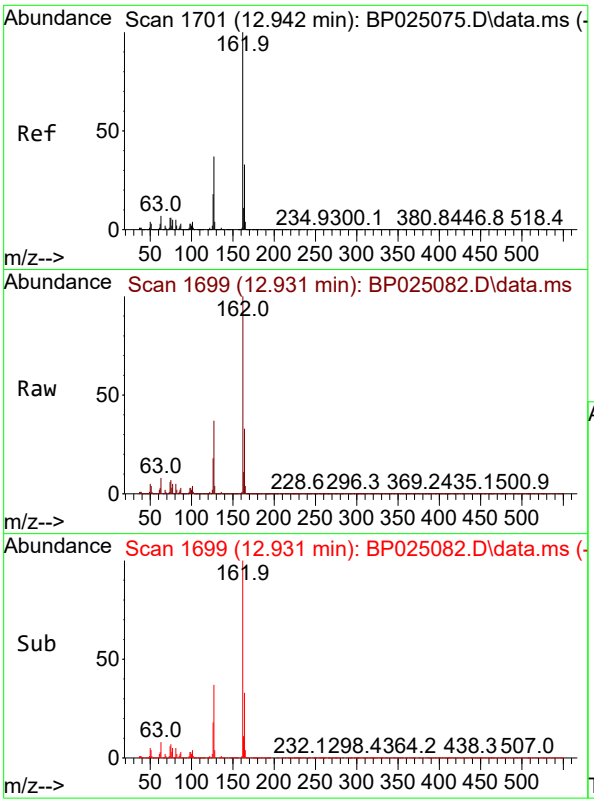


#46
1,1'-Biphenyl
Concen: 39.664 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:154 Resp: 3117980

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	11.7	0.0	31.5



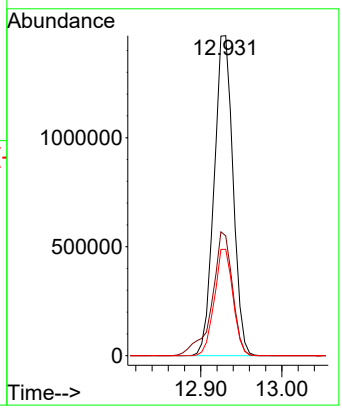


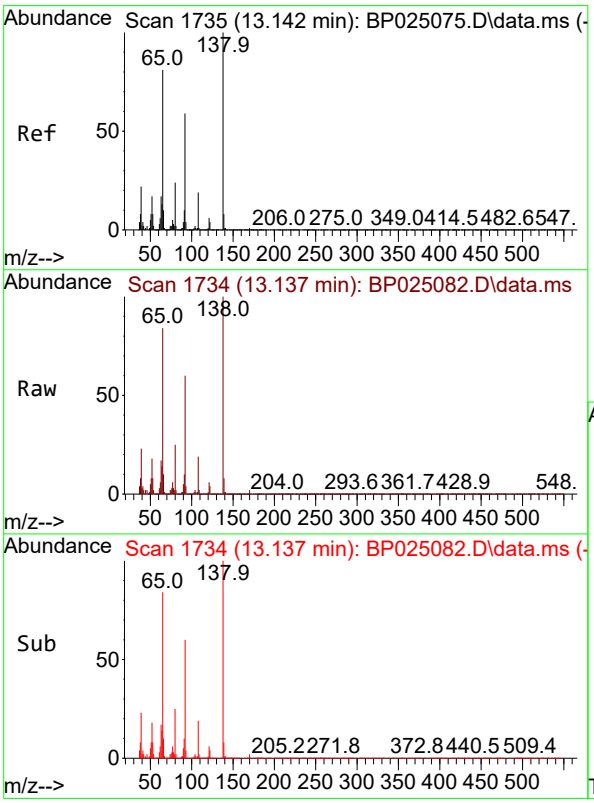
#47
2-Chloronaphthalene
Concen: 40.209 ng
RT: 12.931 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 2375701

Ion	Ratio	Lower	Upper
162	100		
127	37.4	29.4	44.2
164	33.3	26.4	39.6

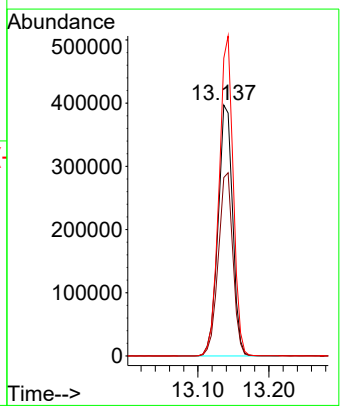


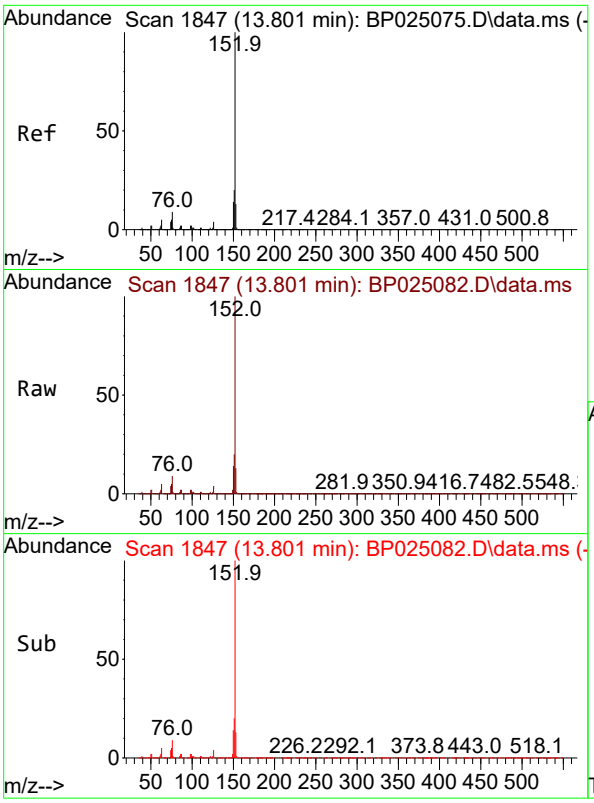


#48
2-Nitroaniline
Concen: 39.328 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion: 65 Resp: 561527

Ion	Ratio	Lower	Upper
65	100		
92	71.1	58.7	88.1
138	118.7	99.0	148.4



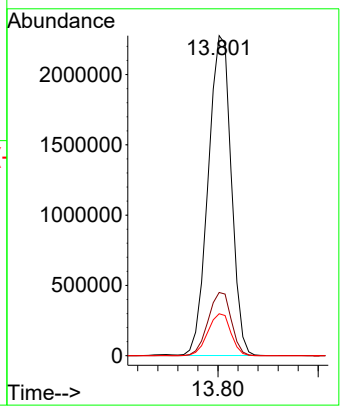


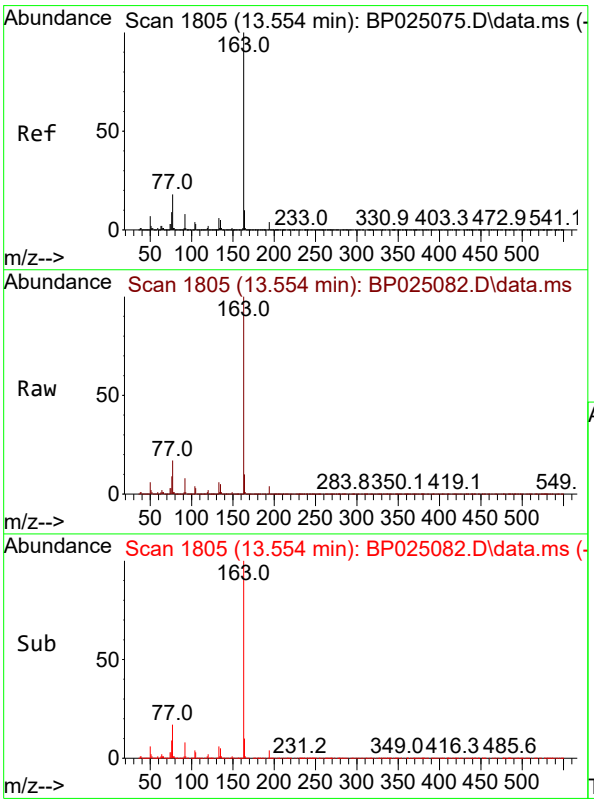
#49
Acenaphthylene
Concen: 40.212 ng
RT: 13.801 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 3636361

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.1	10.7	16.1

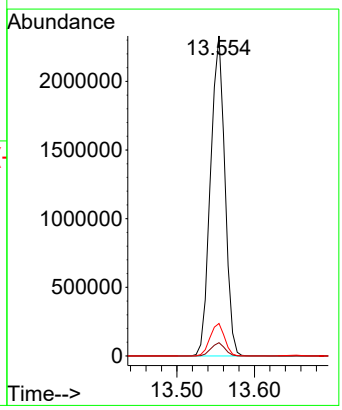


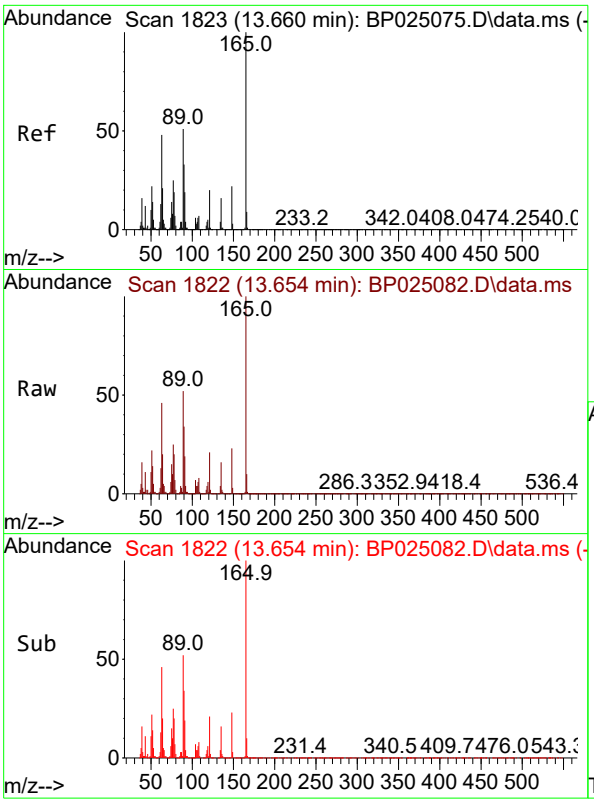


#50
Dimethylphthalate
Concen: 39.688 ng
RT: 13.554 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:163 Resp: 3001575

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.0	12.0



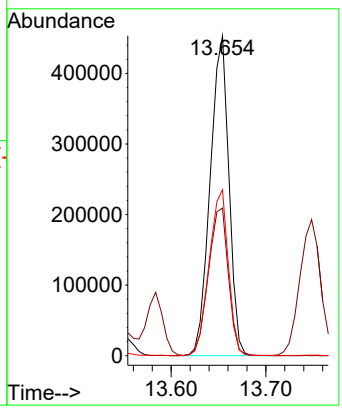


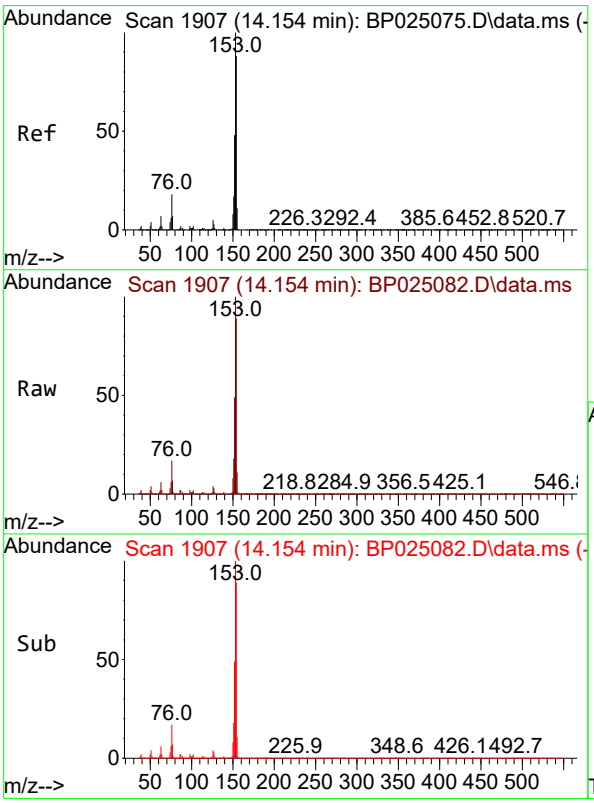
#51
2,6-Dinitrotoluene
Concen: 42.108 ng
RT: 13.654 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 621086

Ion	Ratio	Lower	Upper
165	100		
63	46.2	38.5	57.7
89	51.8	40.6	61.0

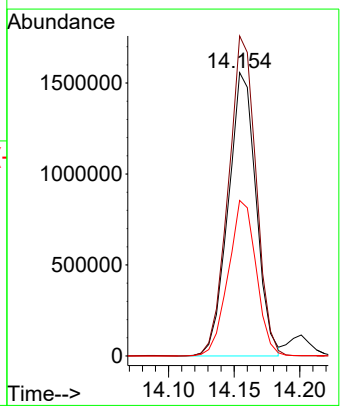


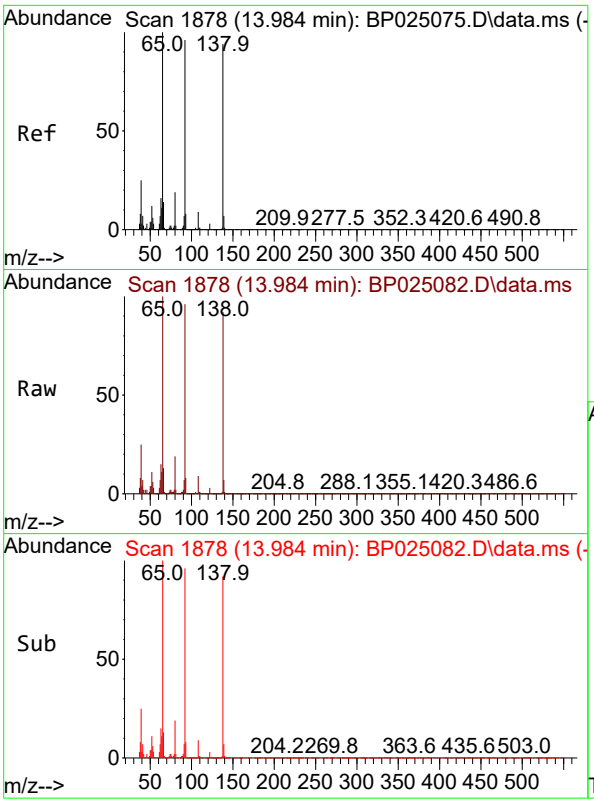


#52
Acenaphthene
Concen: 39.452 ng
RT: 14.154 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:154 Resp: 2299404

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.6	136.0
152	54.9	43.8	65.8



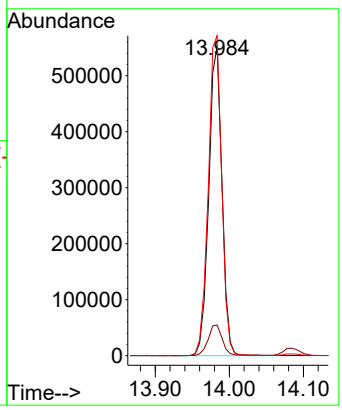


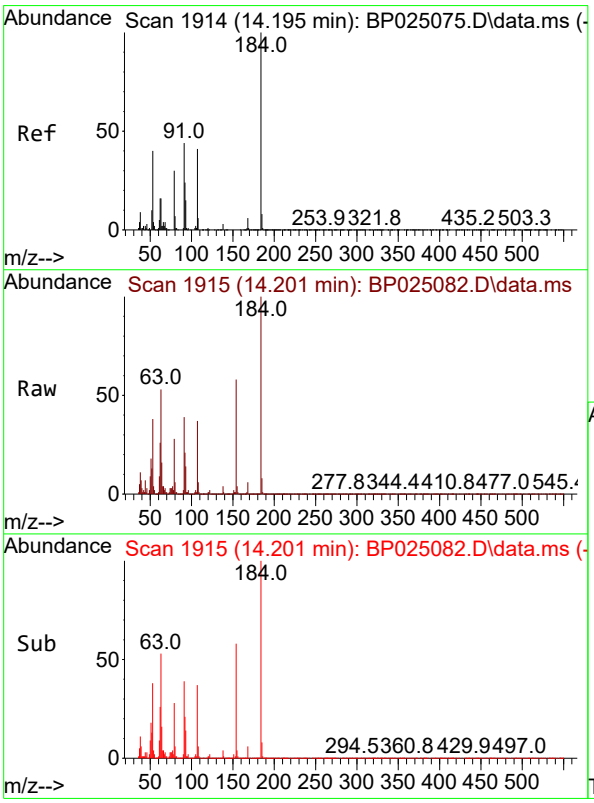
#53
3-Nitroaniline
Concen: 43.102 ng
RT: 13.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 681319

Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.8	11.8
92	103.4	81.0	121.4

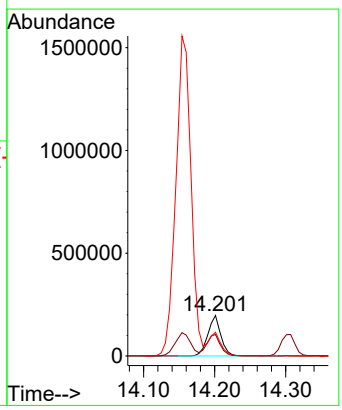


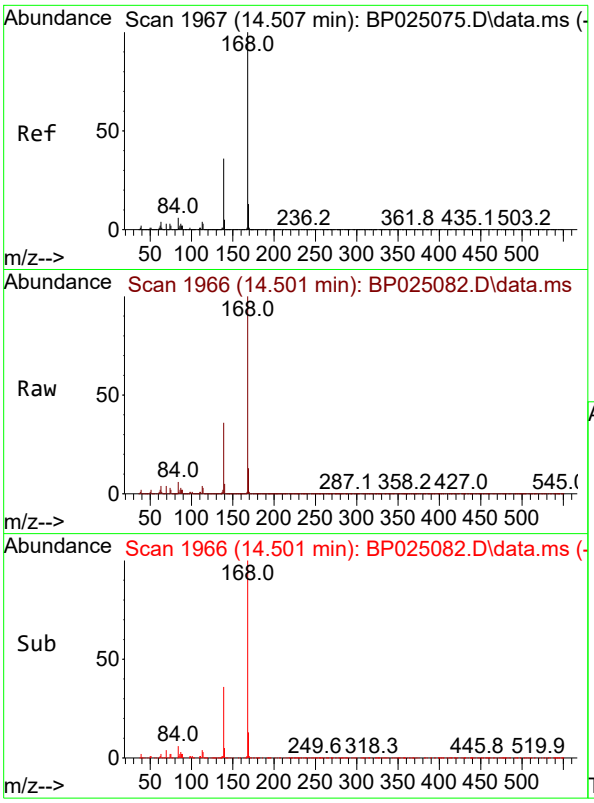


#54
2,4-Dinitrophenol
Concen: 37.884 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:184 Resp: 251182

Ion	Ratio	Lower	Upper
184	100		
63	53.0	47.4	71.0
154	58.5	47.8	71.8



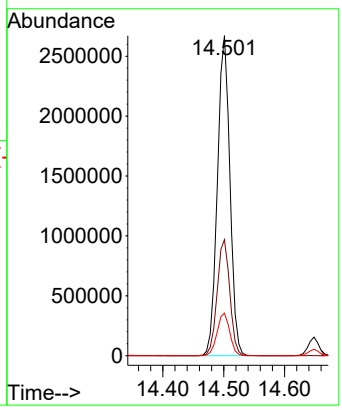


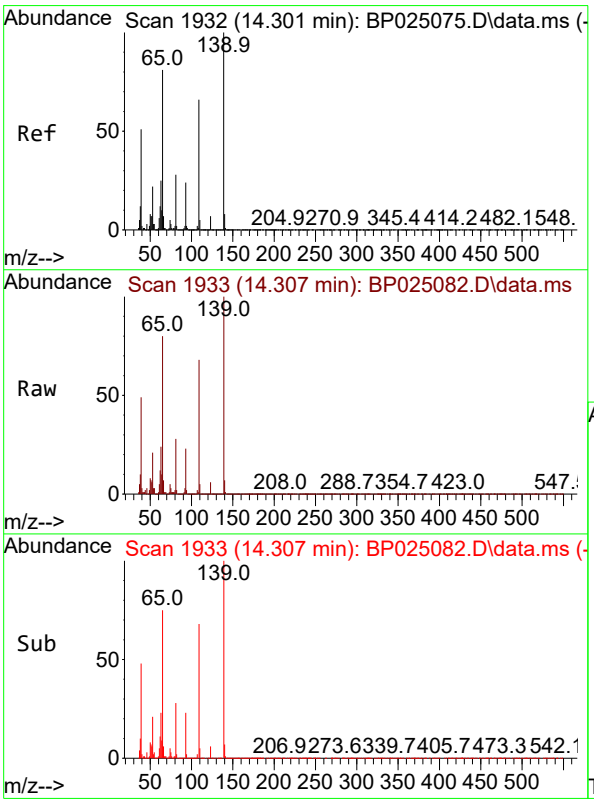
#55
Dibenzofuran
Concen: 39.500 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 3799463

Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.6	43.0
169	13.3	10.7	16.1

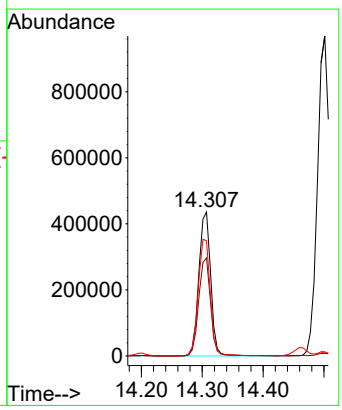


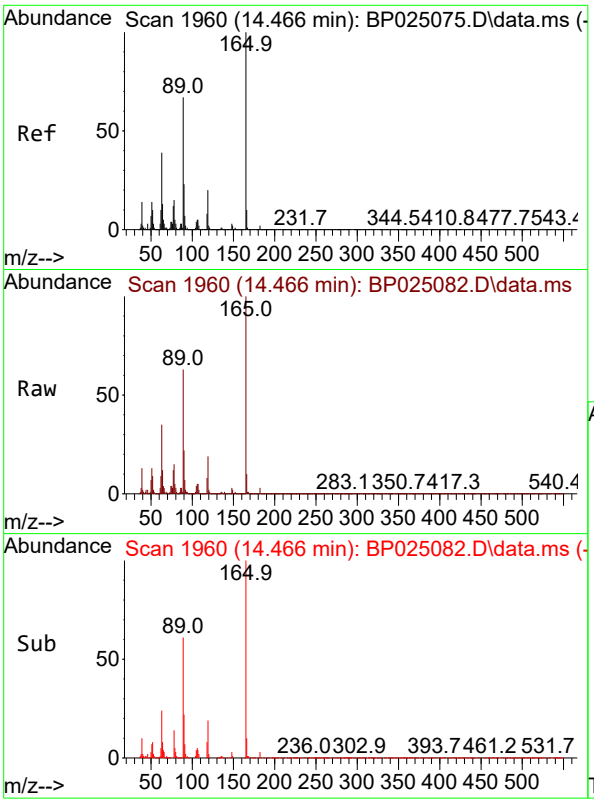


#56
4-Nitrophenol
Concen: 40.580 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:139 Resp: 591968

Ion	Ratio	Lower	Upper
139	100		
109	68.1	45.9	85.9
65	79.9	61.4	101.4



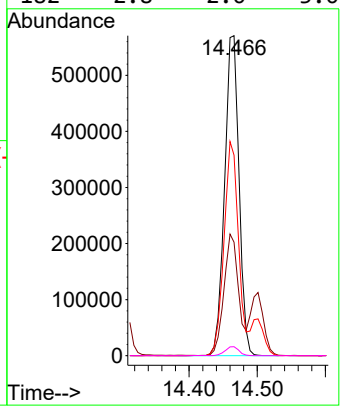


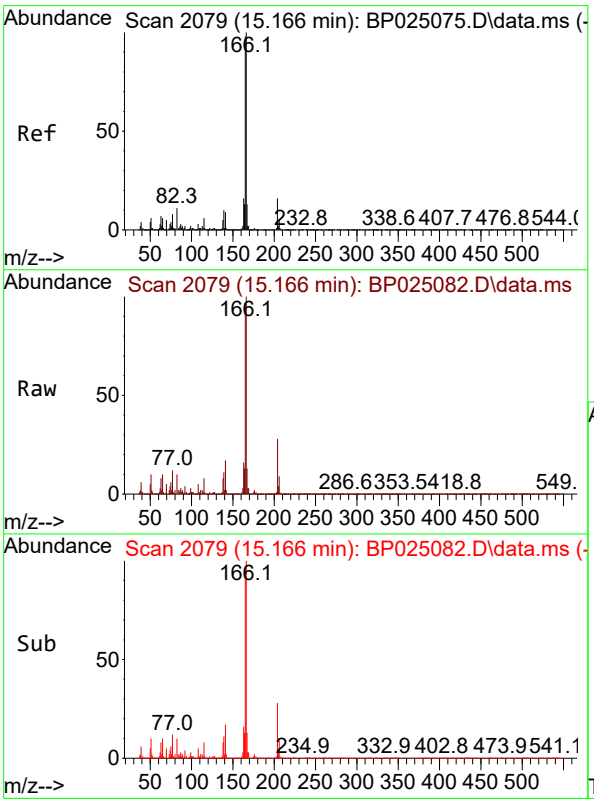
#57
2,4-Dinitrotoluene
Concen: 39.320 ng
RT: 14.466 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 840244

Ion	Ratio	Lower	Upper
165	100		
63	35.5	31.0	46.4
89	62.7	53.4	80.0
182	2.8	2.0	3.0

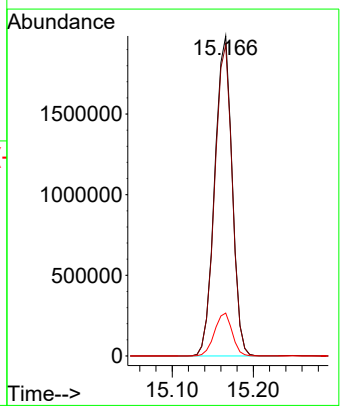


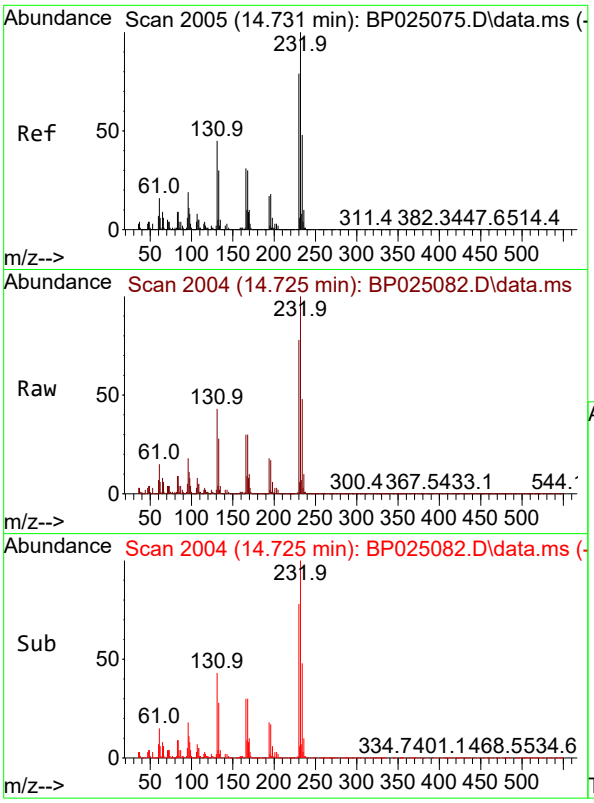


#58
Fluorene
Concen: 39.719 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:166 Resp: 2955049

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.6	117.8
167	13.4	10.7	16.1



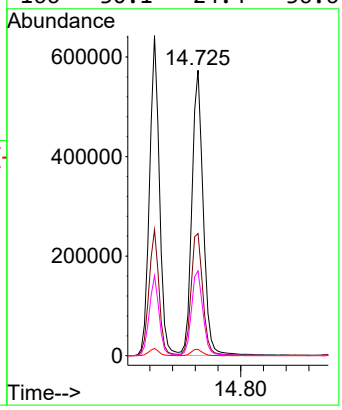


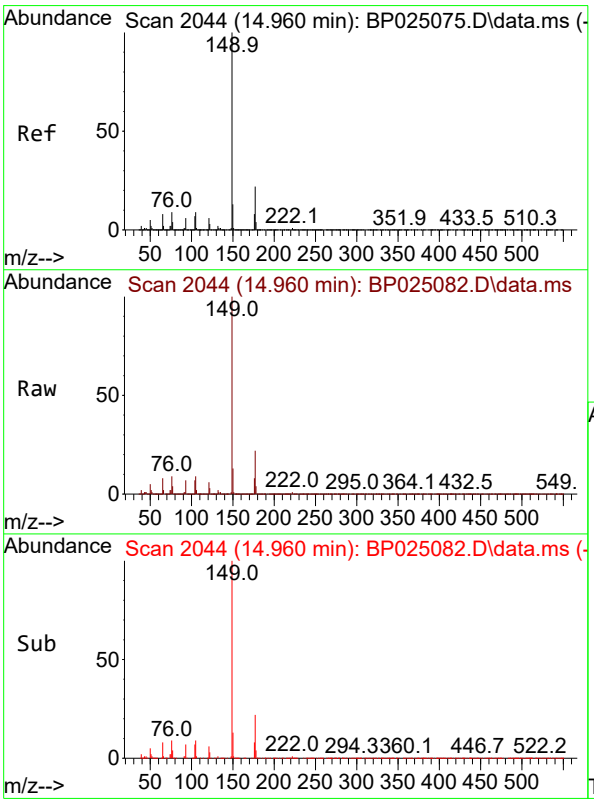
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.309 ng
RT: 14.725 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 797081

Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.7	53.5
130	2.2	1.8	2.6
166	30.1	24.4	36.6

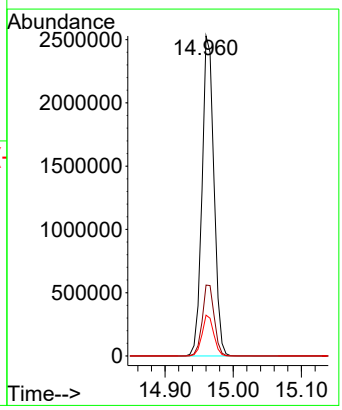


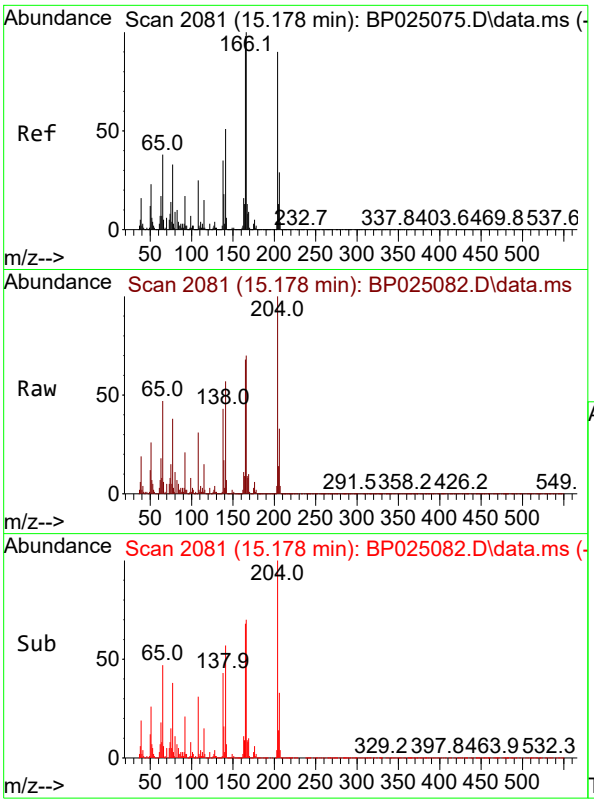


#60
Diethylphthalate
Concen: 40.419 ng
RT: 14.960 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:149 Resp: 3070254

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.8	26.8
150	12.7	10.2	15.2



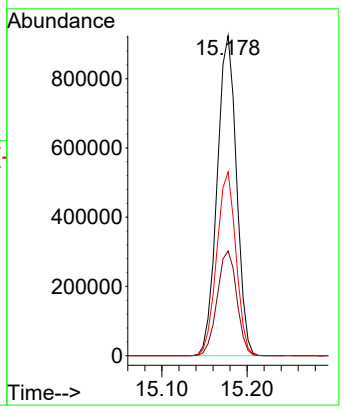


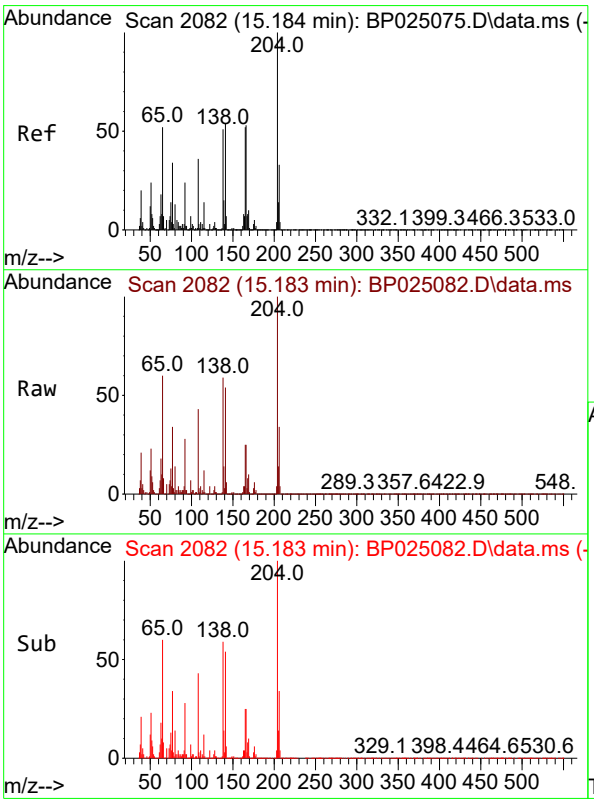
#61
4-Chlorophenyl-phenylether
Concen: 39.520 ng
RT: 15.178 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1455094

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.6
141	57.4	45.1	67.7

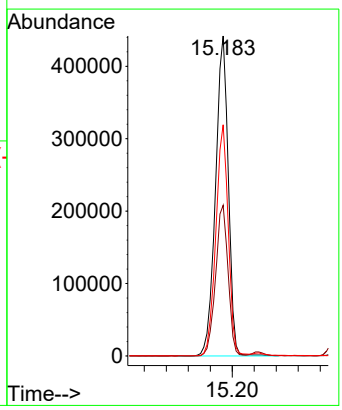


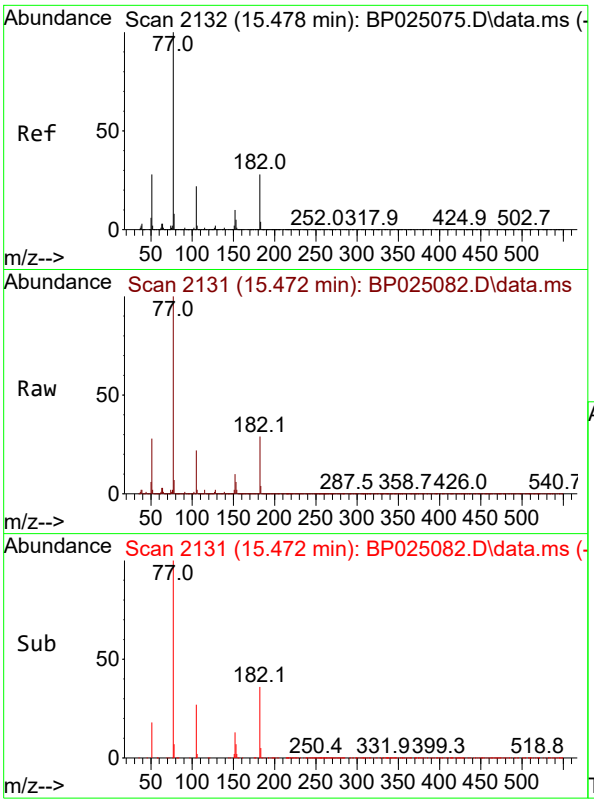


#62
4-Nitroaniline
Concen: 43.113 ng
RT: 15.183 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:138 Resp: 714603

Ion	Ratio	Lower	Upper
138	100		
92	47.1	26.0	66.0
108	72.3	50.0	90.0



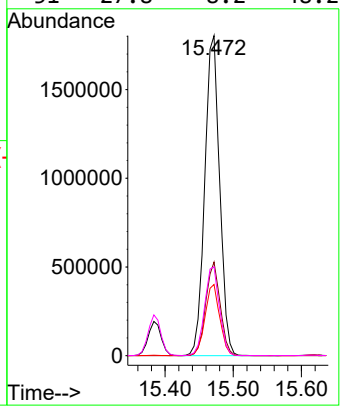


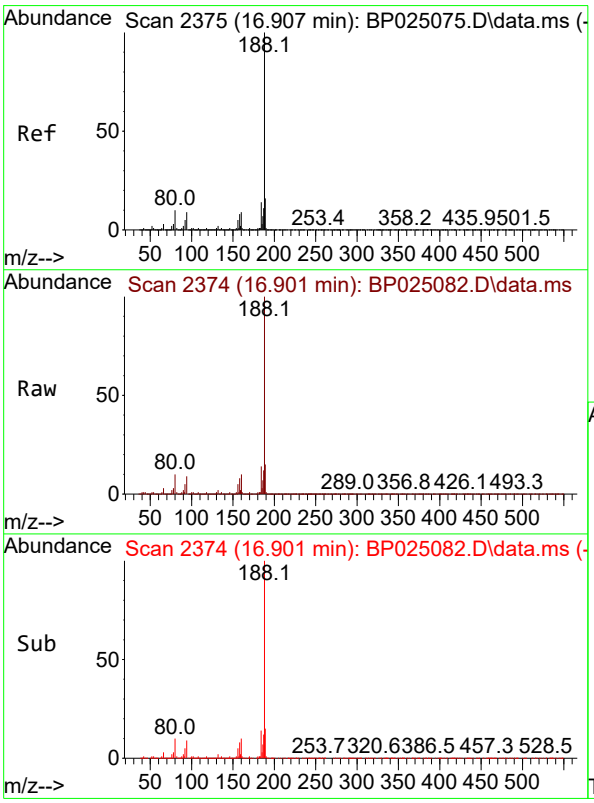
#63
Azobenzene
Concen: 40.472 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2737574

Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.7	47.7
105	22.2	1.9	41.9
51	27.8	8.2	48.2

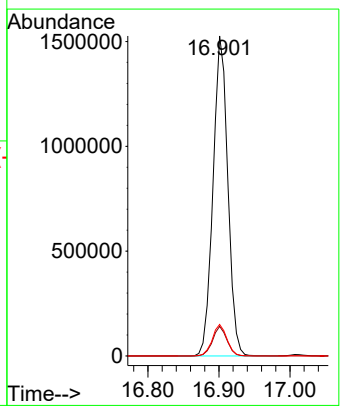


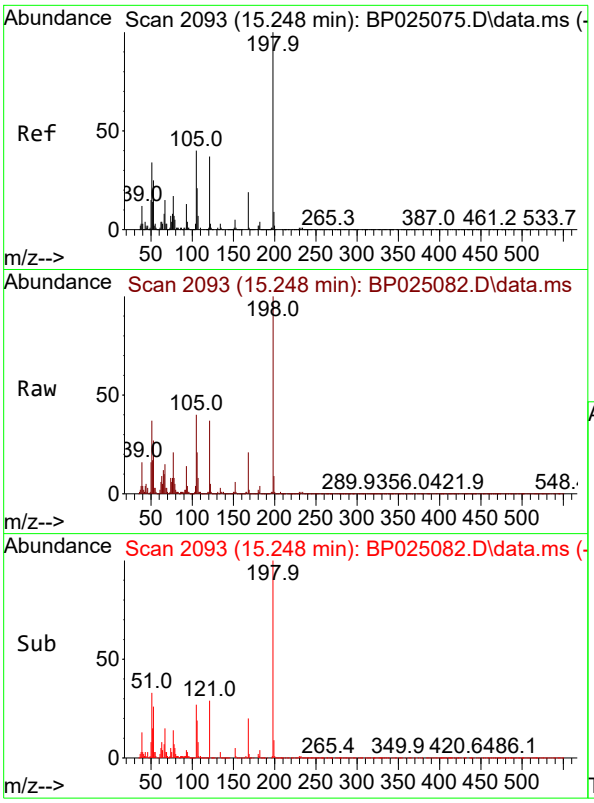


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:188 Resp: 2198797

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.3	10.9
80	9.9	7.8	11.6



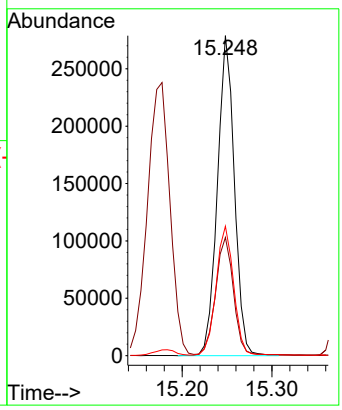


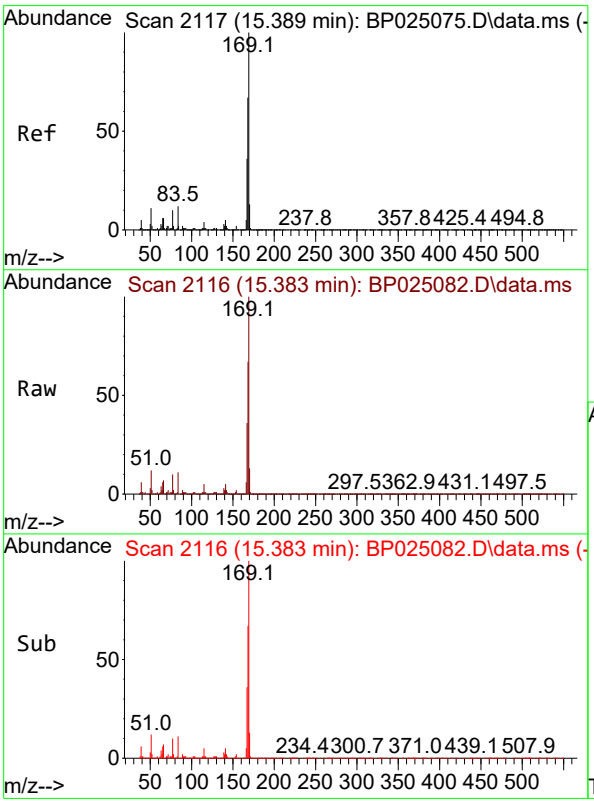
#65
4,6-Dinitro-2-methylphenol
Concen: 37.919 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 366151

Ion	Ratio	Lower	Upper
198	100		
51	37.0	16.8	56.8
105	40.5	20.8	60.8

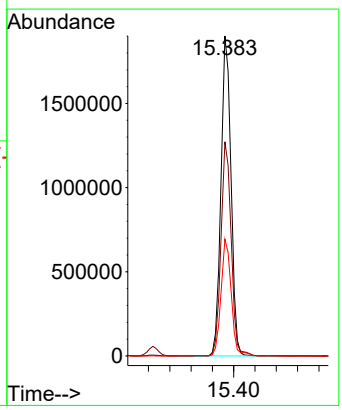


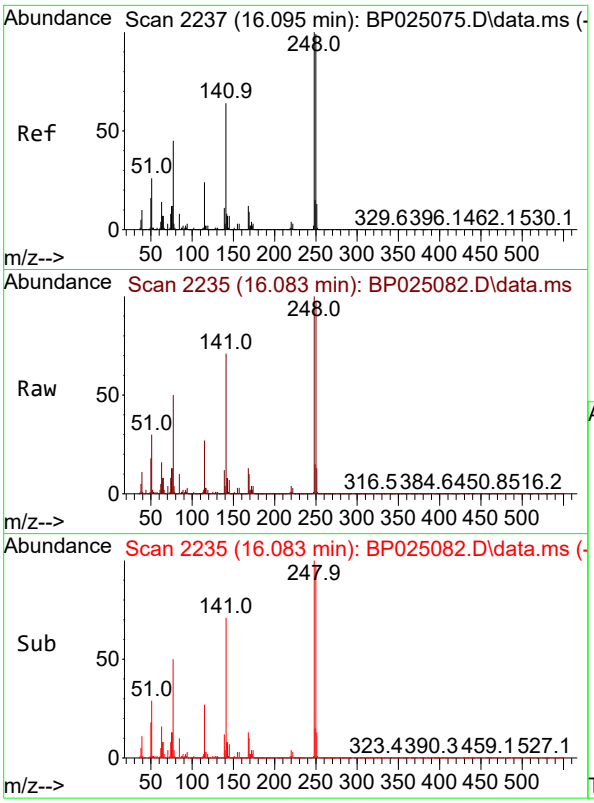


#66
n-Nitrosodiphenylamine
Concen: 39.333 ng
RT: 15.383 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:169 Resp: 2475067

Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.1	81.1
167	36.5	29.0	43.6



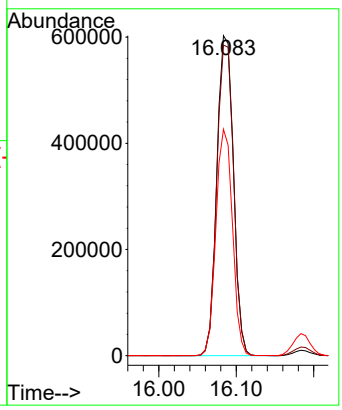


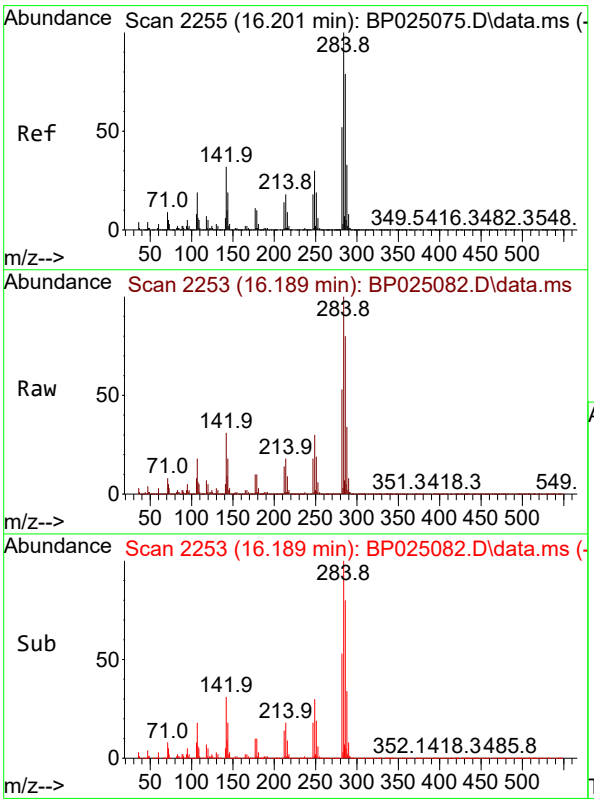
#67
4-Bromophenyl-phenylether
Concen: 39.814 ng
RT: 16.083 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 896341

Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.4	119.2
141	70.7	51.4	77.0

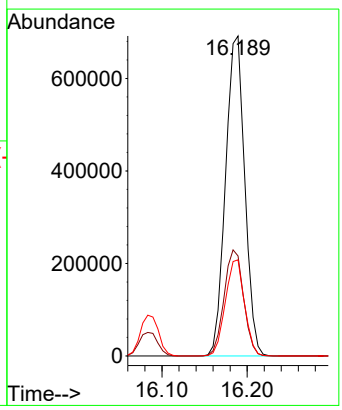


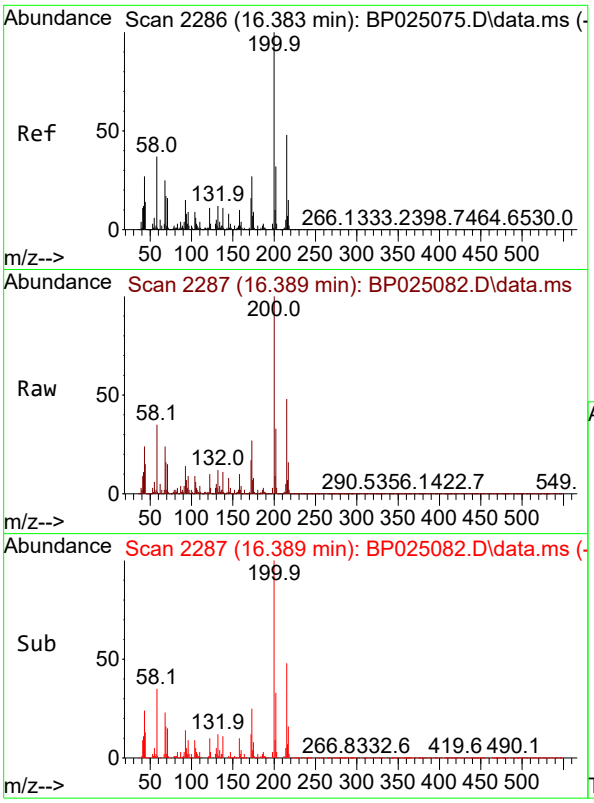


#68
Hexachlorobenzene
Concen: 39.350 ng
RT: 16.189 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:284 Resp: 1082822

Ion	Ratio	Lower	Upper
284	100		
142	31.2	25.9	38.9
249	30.0	23.8	35.8



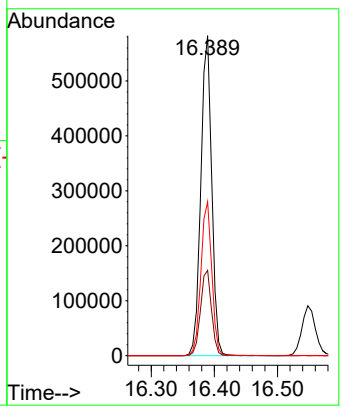


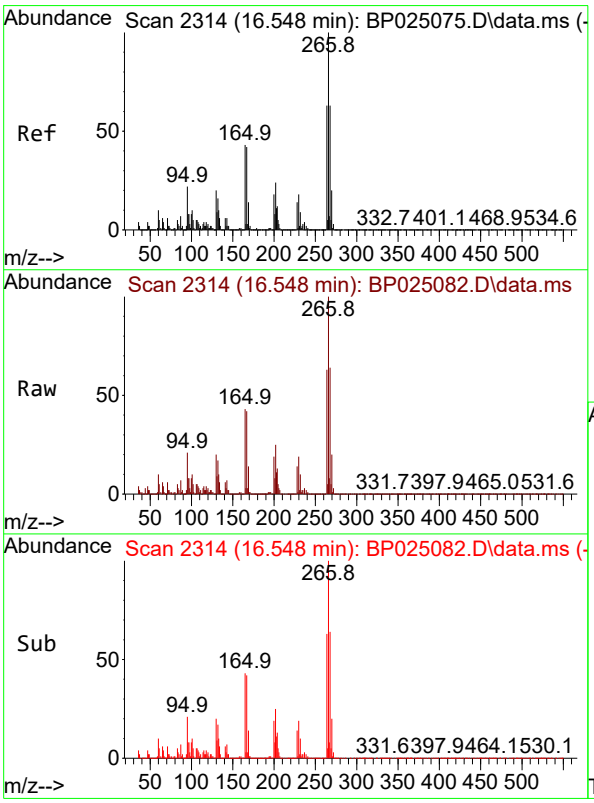
#69
Atrazine
Concen: 37.780 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 696647

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	48.1	28.0	68.0

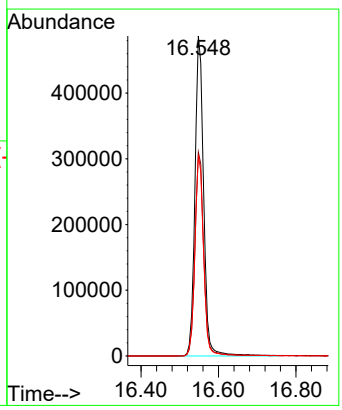


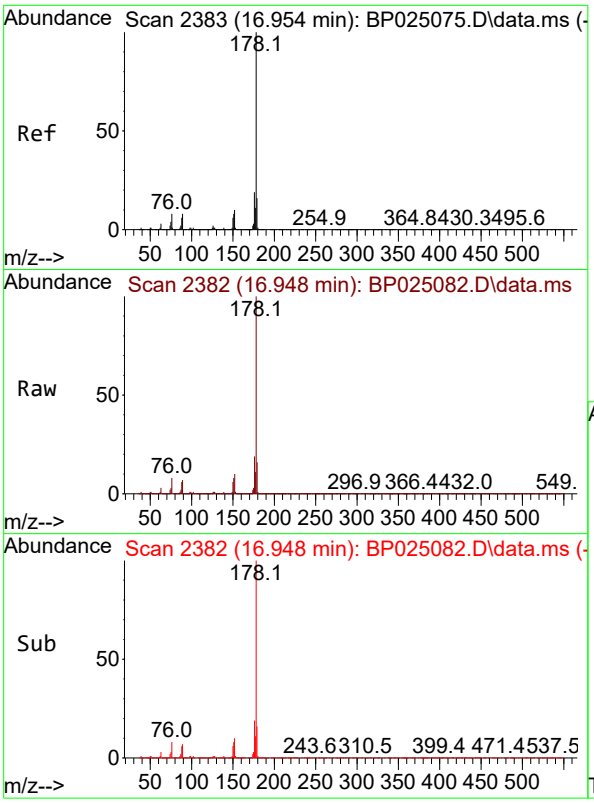


#70
Pentachlorophenol
Concen: 40.622 ng
RT: 16.548 min Scan# 2314
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:266 Resp: 754913

Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.4	75.6
264	62.9	50.2	75.2



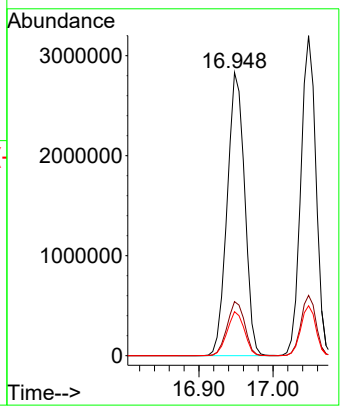


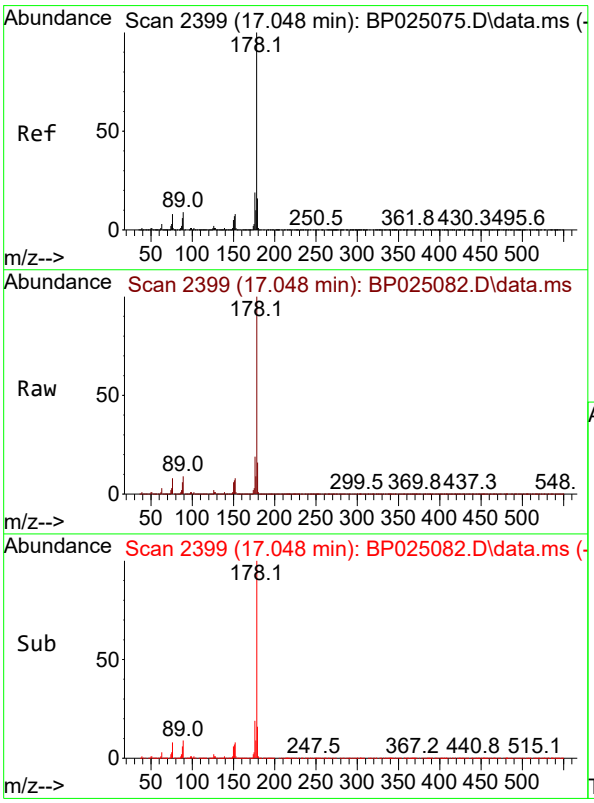
#71
Phenanthrene
Concen: 39.461 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 4636268

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.6	19.0

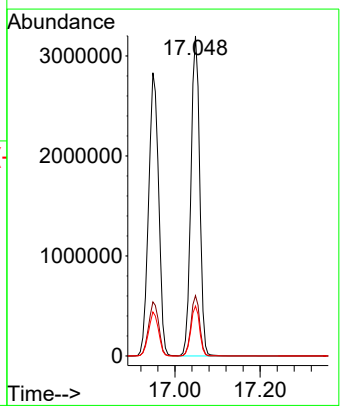


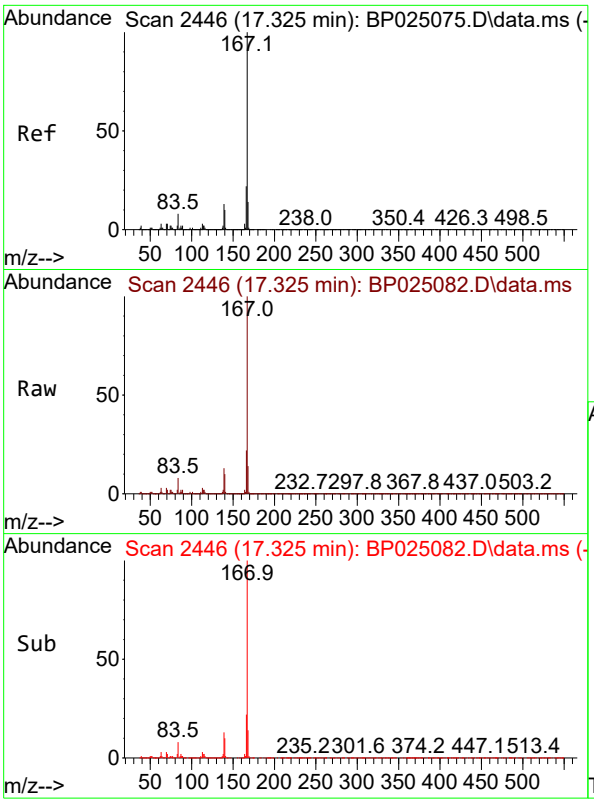


#72
Anthracene
Concen: 40.425 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:178 Resp: 4556580

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.5	18.7



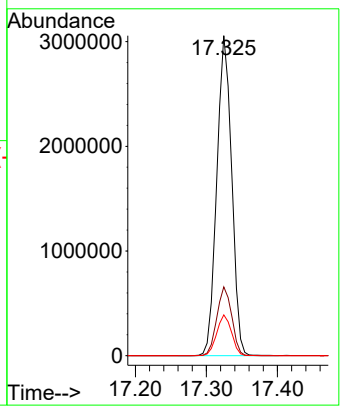


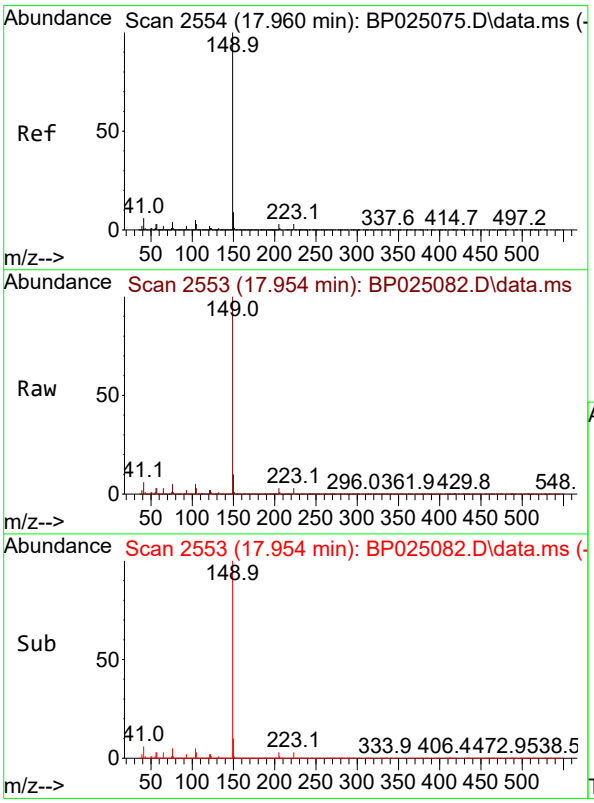
#73
Carbazole
Concen: 40.200 ng
RT: 17.325 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 4430409

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.7	10.4	15.6

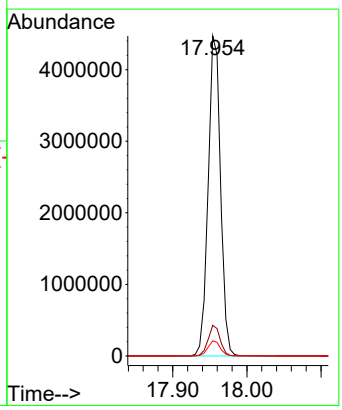


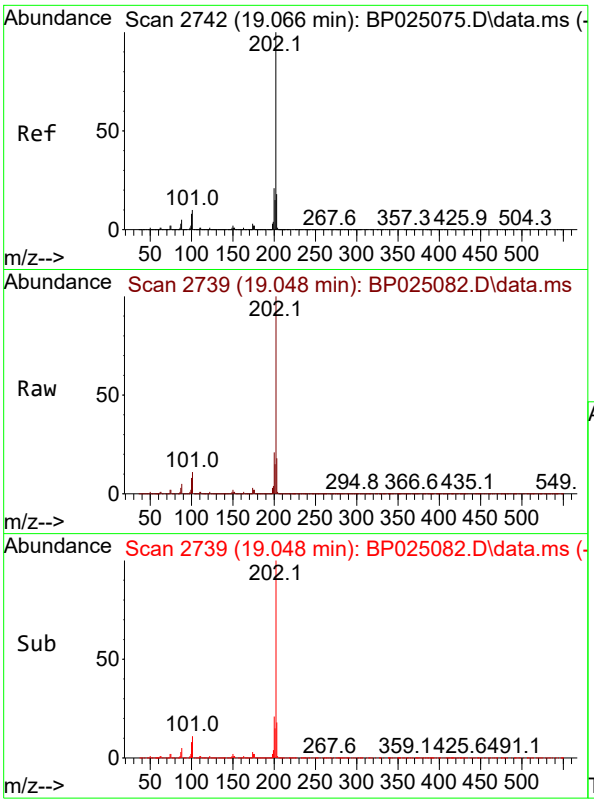


#74
Di-n-butylphthalate
Concen: 42.220 ng
RT: 17.954 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:149 Resp: 5181570

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.8	3.8	5.6



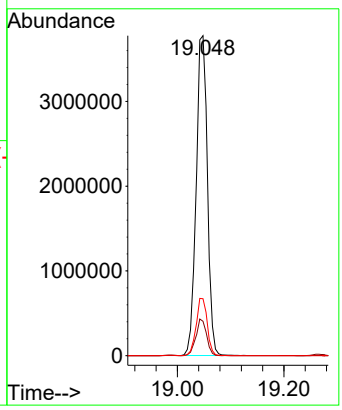


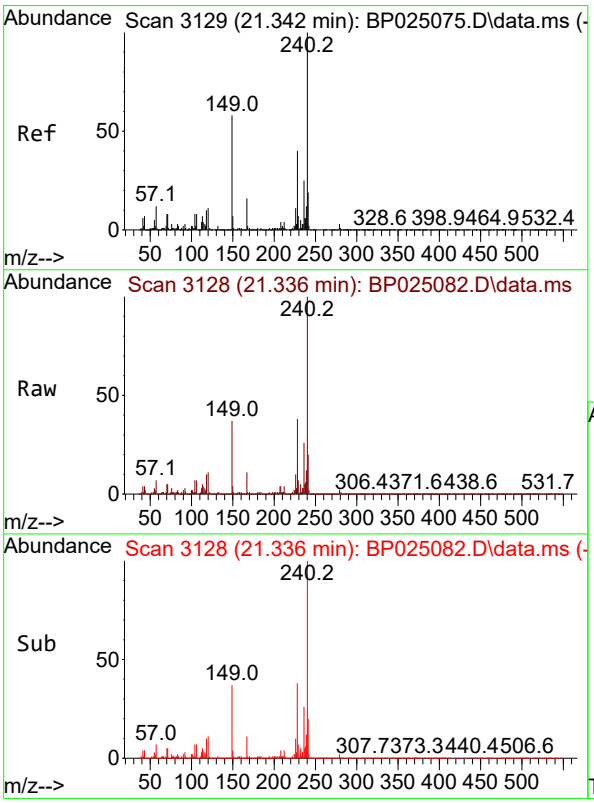
#75
Fluoranthene
Concen: 40.244 ng
RT: 19.048 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 5526965

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.4
203	17.8	0.0	37.6

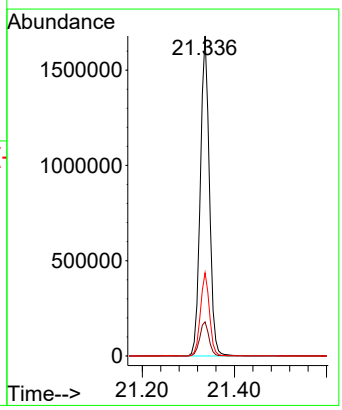


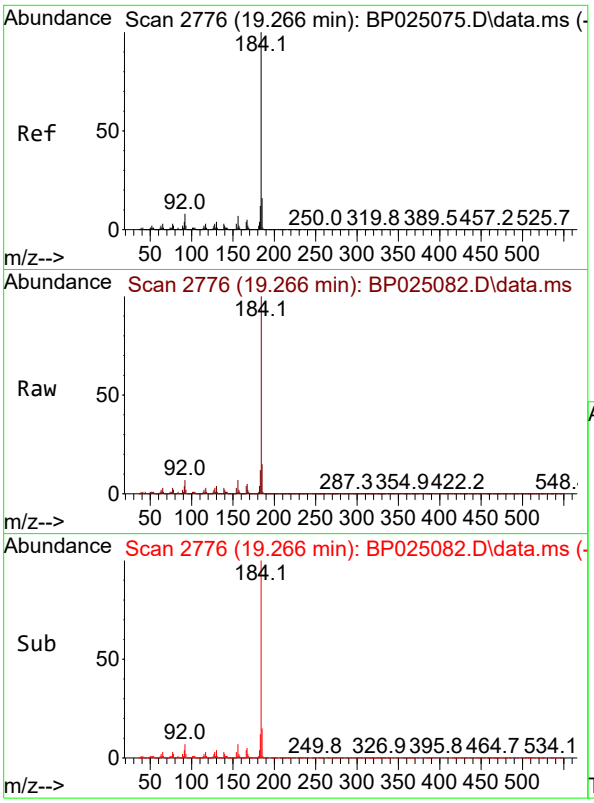


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:240 Resp: 2306389

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	26.0	20.3	30.5



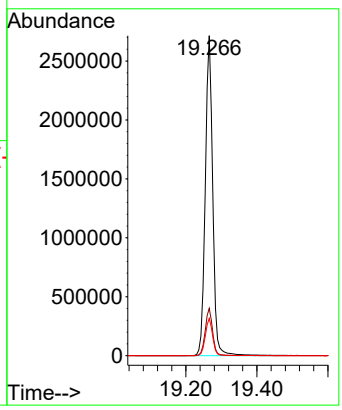


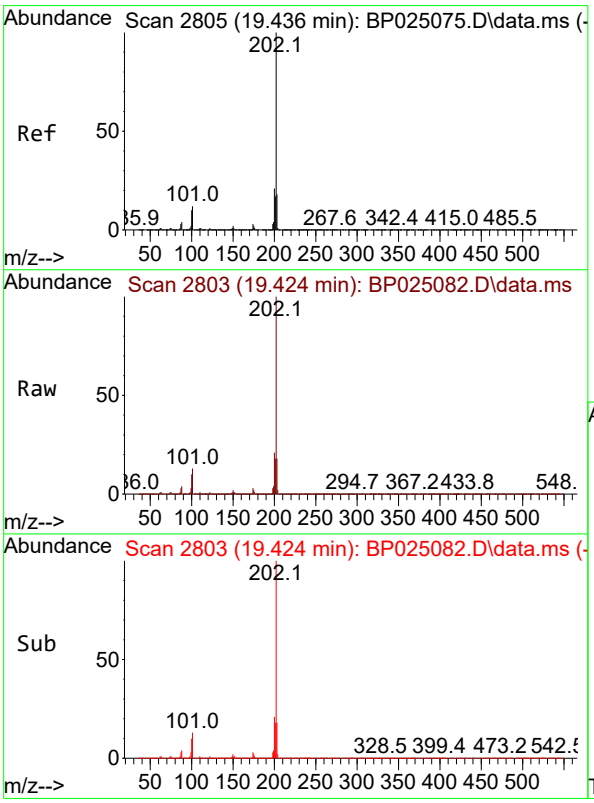
#77
Benzidine
Concen: 97.143 ng
RT: 19.266 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 3957023

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	11.7	9.4	14.2

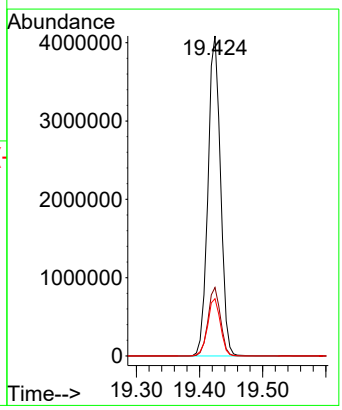


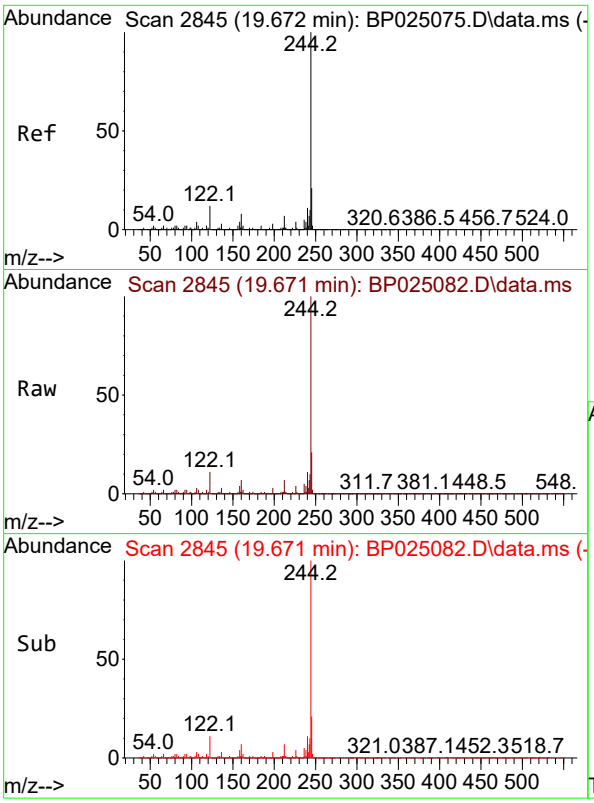


#78
Pyrene
Concen: 39.486 ng
RT: 19.424 min Scan# 2803
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:202 Resp: 5640727

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.9	14.1	21.1



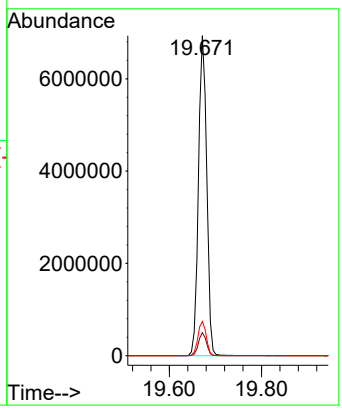


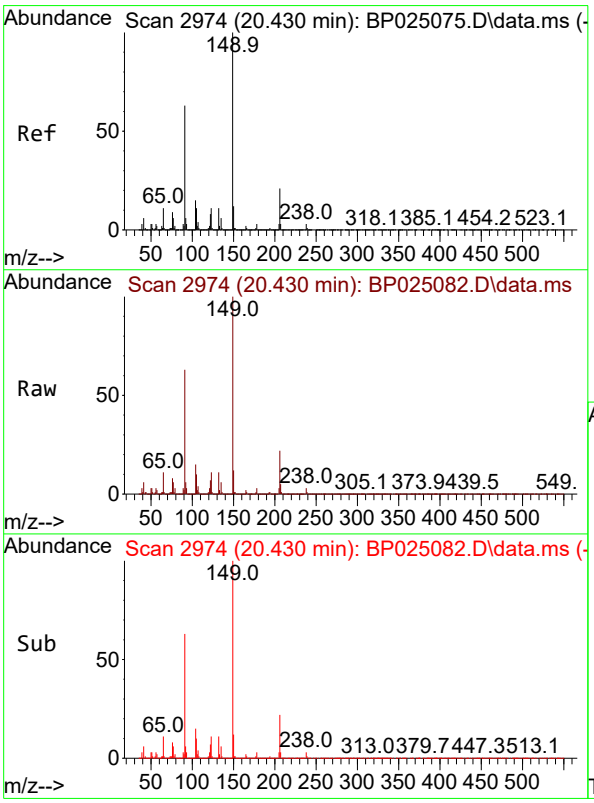
#79
Terphenyl-d14
Concen: 82.310 ng
RT: 19.671 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 8637733

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.7	9.4	14.2

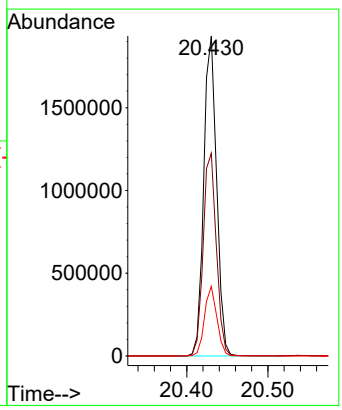


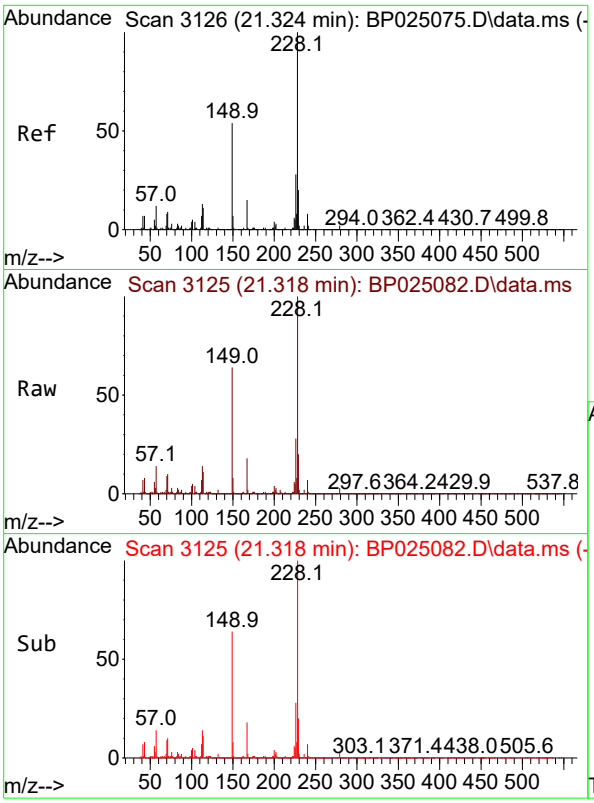


#80
Butylbenzylphthalate
Concen: 39.260 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:149 Resp: 2120870

Ion	Ratio	Lower	Upper
149	100		
91	63.4	50.6	76.0
206	21.7	17.2	25.8



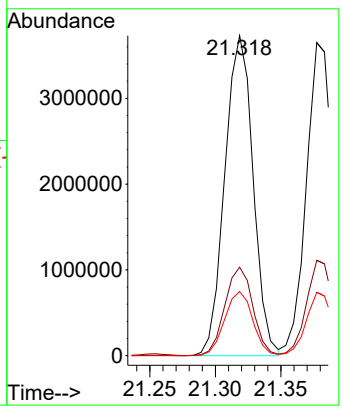


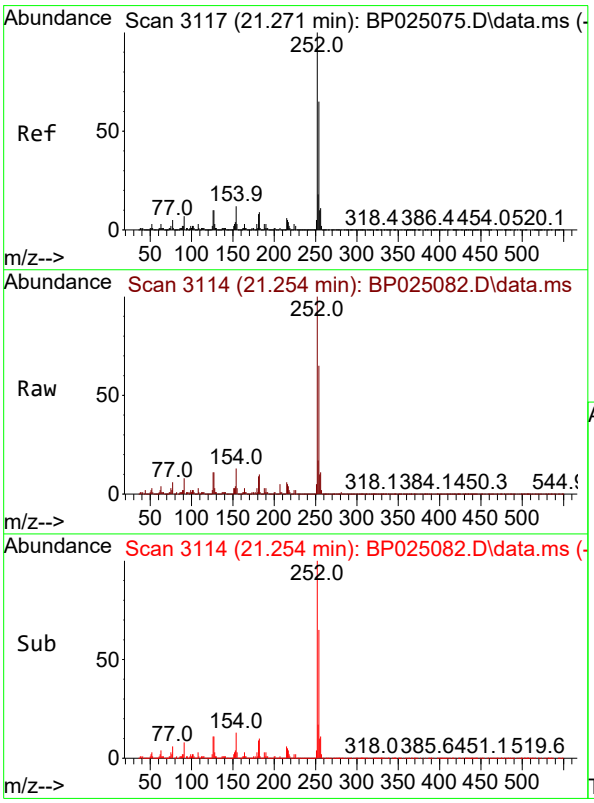
#81
Benzo(a)anthracene
Concen: 40.049 ng
RT: 21.318 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5597745

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.0	16.0	24.0

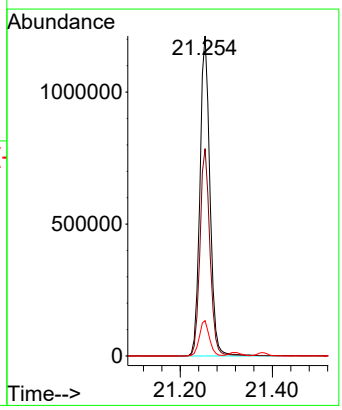


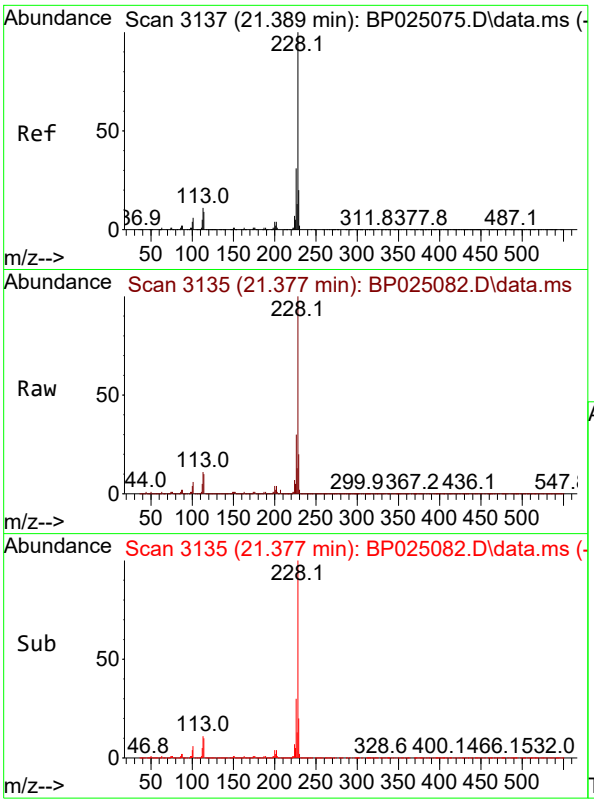


#82
3,3'-Dichlorobenzidine
Concen: 43.691 ng
RT: 21.254 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:252 Resp: 1838327

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.9	77.9
126	11.0	8.1	12.1



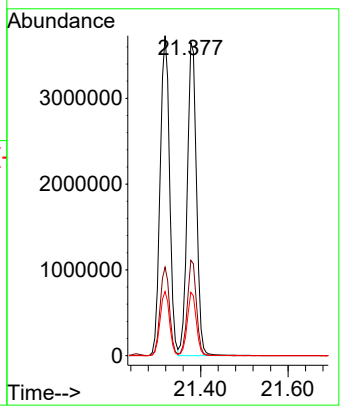


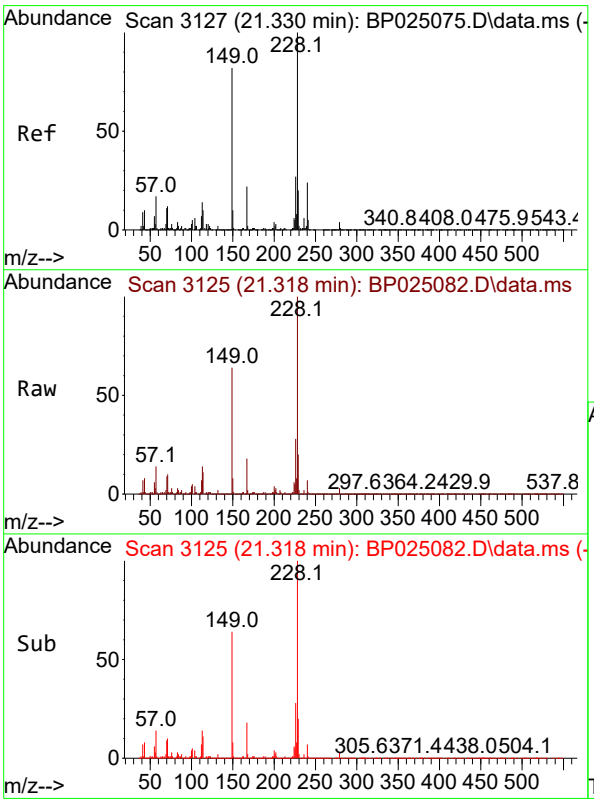
#83
Chrysene
Concen: 39.614 ng
RT: 21.377 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5328372

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.2	16.0	24.0

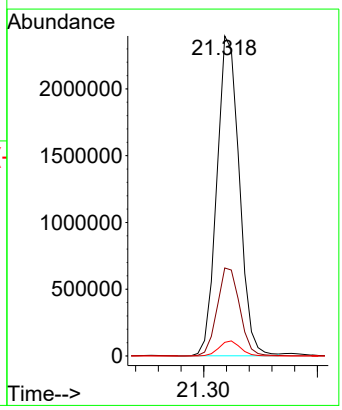


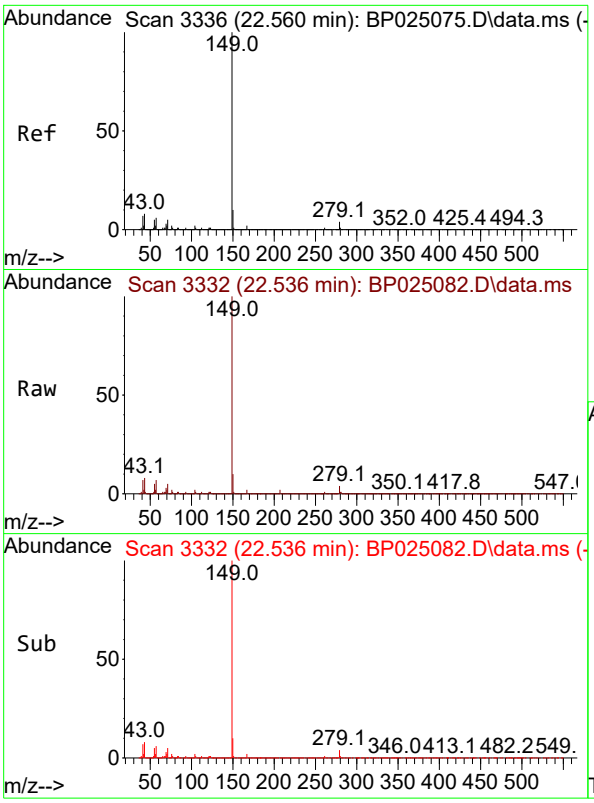


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.873 ng
RT: 21.318 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:149 Resp: 3289252

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.9	32.9
279	4.2	3.5	5.3



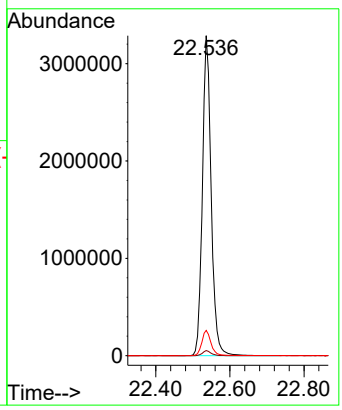


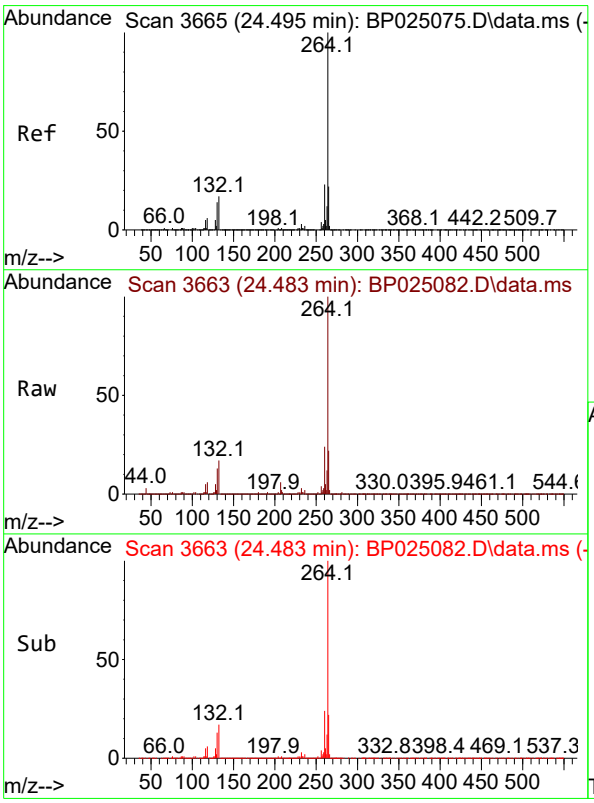
#85
Di-n-octyl phthalate
Concen: 40.328 ng
RT: 22.536 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 5390427

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	6.9	10.3

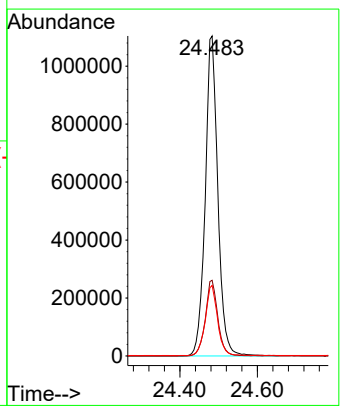


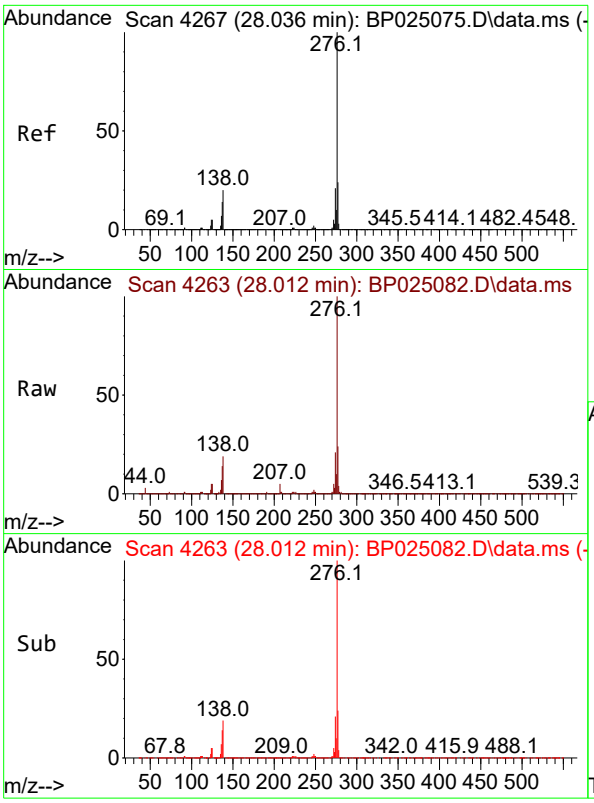


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:264 Resp: 2492507

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.1	17.7	26.5



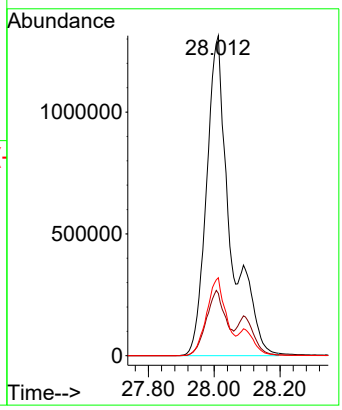


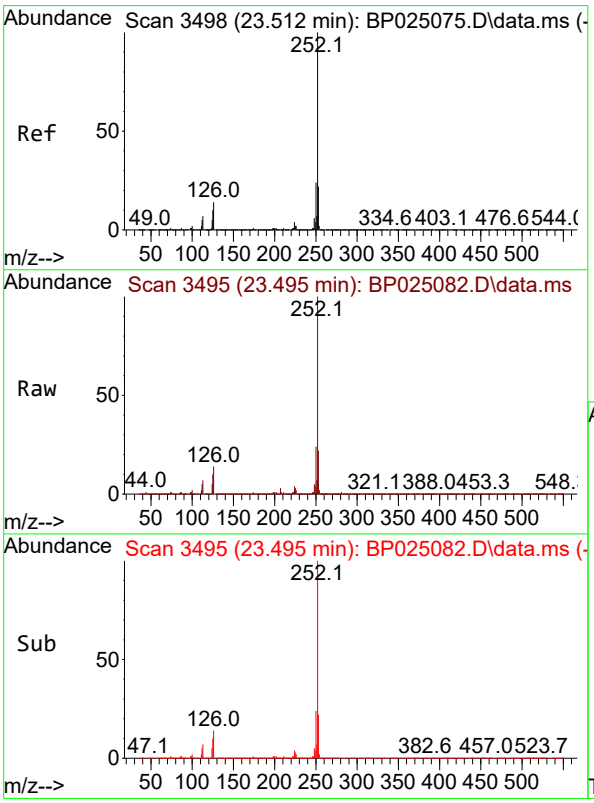
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.655 ng m
RT: 28.012 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 6614331

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.0	19.6
277	19.8	15.9	23.9

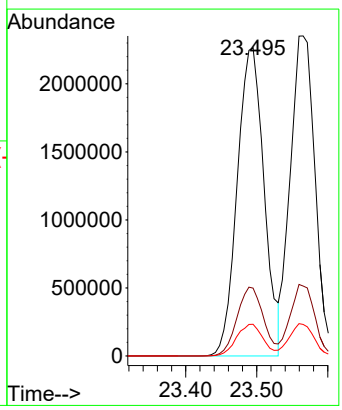


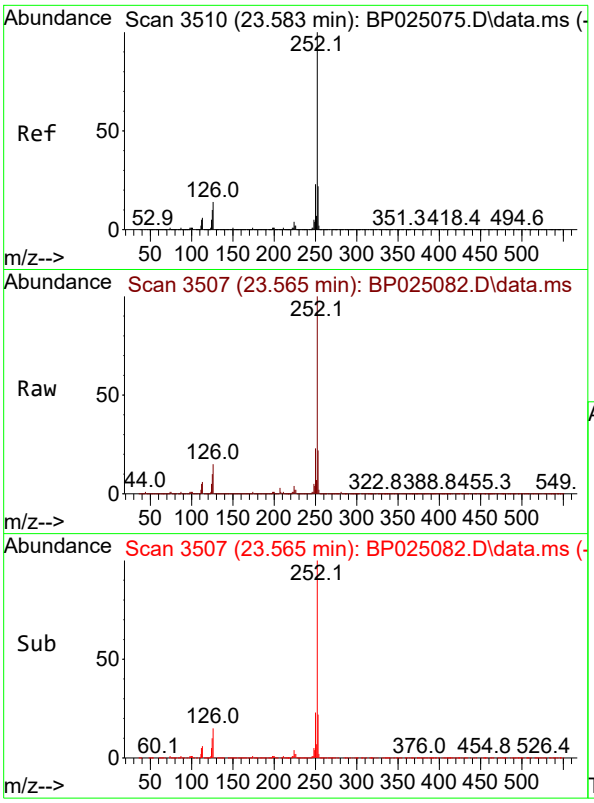


#88
Benzo(b)fluoranthene
Concen: 41.094 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:252 Resp: 5961804

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.3	8.1	12.1



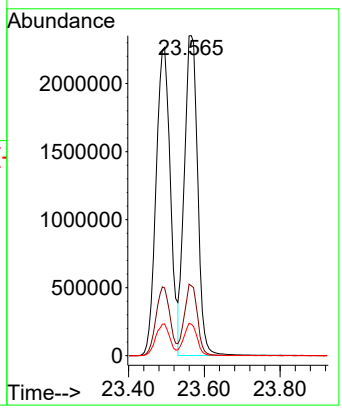


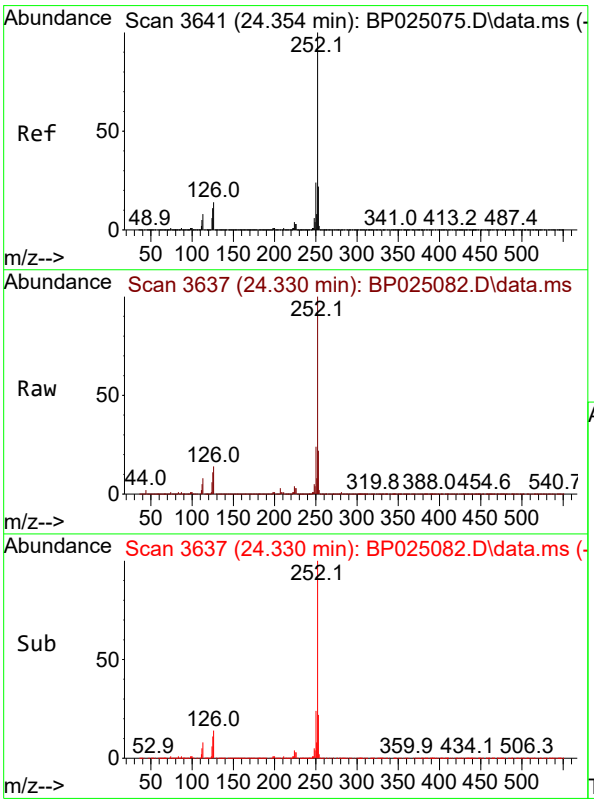
#89
Benzo(k)fluoranthene
Concen: 39.847 ng
RT: 23.565 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 5751975

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.8	8.2	12.2

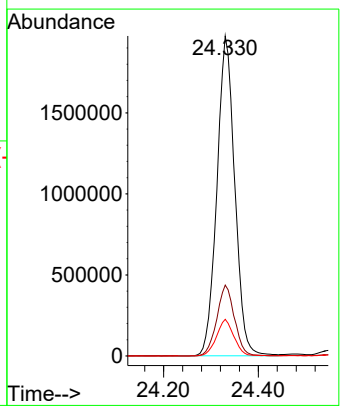


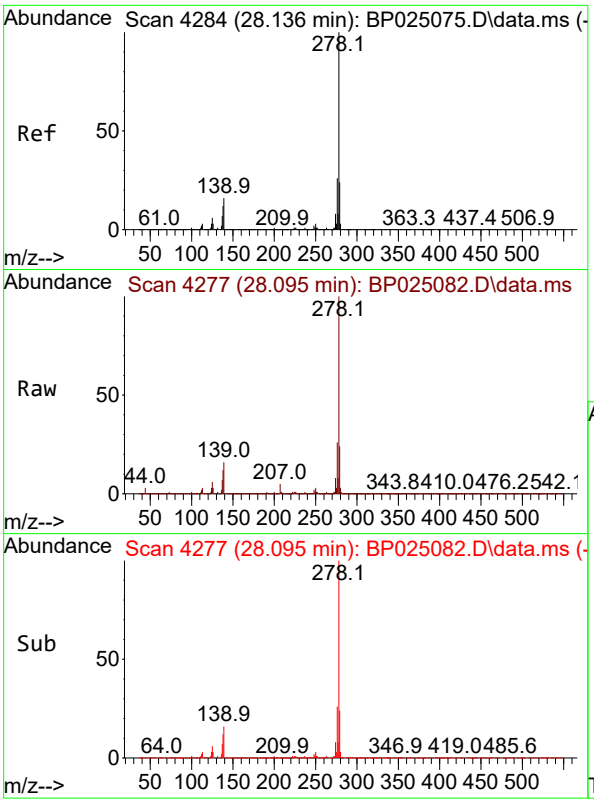


#90
Benzo(a)pyrene
Concen: 41.875 ng
RT: 24.330 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:252 Resp: 5170498

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.4	9.0	13.4



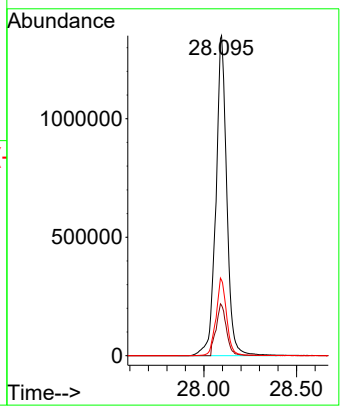


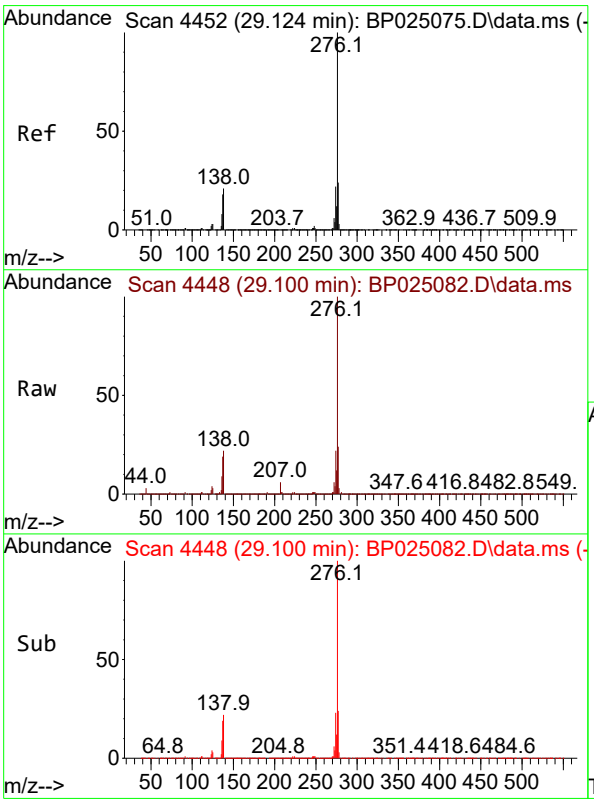
#91
Dibenzo(a,h)anthracene
Concen: 42.037 ng
RT: 28.095 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 5517428

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.1	19.7
279	23.6	18.9	28.3

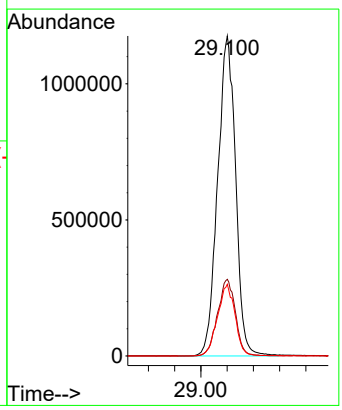




#92
Benzo(g,h,i)perylene
Concen: 41.118 ng
RT: 29.100 min Scan# 4448
Delta R.T. -0.024 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

Tgt Ion:276 Resp: 5575070

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	22.4	16.9	25.3



Sample Results: **BP025082.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025082.D
Acq On : 10 Jul 2025 14:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 11 06:56:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	-0.02
2		1,4-Dioxane	0.439	0.424	3.4	102	0.00
3		Pyridine	1.202	1.197	0.4	102	-0.01
4		n-Nitrosodimethylamine	0.509	0.513	-0.8	106	-0.01
5	S	2-Fluorophenol	1.129	1.128	0.1	104	-0.01
6		Aniline	1.376	1.394	-1.3	105	-0.02
7	S	Phenol-d6	1.473	1.499	-1.8	108	-0.02
8		2-Chlorophenol	1.263	1.274	-0.9	106	-0.02
9		Benzaldehyde	0.769	0.676	12.1	98	-0.02
10	C	Phenol	1.497	1.506	-0.6	107	-0.02
11		bis(2-Chloroethyl)ether	1.152	1.158	-0.5	108	-0.03
12		1,3-Dichlorobenzene	1.413	1.396	1.2	106	-0.02
13	C	1,4-Dichlorobenzene	1.431	1.412	1.3	106	-0.02
14		1,2-Dichlorobenzene	1.377	1.354	1.7	105	-0.02
15		Benzyl Alcohol	0.983	0.998	-1.5	109	-0.02
16		2,2'-oxybis(1-Chloropropane	1.498	1.516	-1.2	111	-0.02
17		2-Methylphenol	0.964	0.990	-2.7	107	-0.02
18		Hexachloroethane	0.466	0.475	-1.9	108	-0.01
19	P	n-Nitroso-di-n-propylamine	0.874	0.899	-2.9	109	-0.02
20		3+4-Methylphenols	1.350	1.349	0.1	106	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	109	0.00
22		Acetophenone	0.473	0.455	3.8	107	-0.02
23	S	Nitrobenzene-d5	0.301	0.307	-2.0	109	-0.02
24		Nitrobenzene	0.306	0.311	-1.6	110	-0.02
25		Isophorone	0.562	0.555	1.2	108	0.00
26	C	2-Nitrophenol	0.128	0.134	-4.7	110	-0.02
27		2,4-Dimethylphenol	0.210	0.205	2.4	107	-0.02
28		bis(2-Chloroethoxy)methane	0.382	0.375	1.8	109	-0.01
29	C	2,4-Dichlorophenol	0.291	0.293	-0.7	107	0.00
30		1,2,4-Trichlorobenzene	0.322	0.312	3.1	107	-0.02
31		Naphthalene	1.030	1.002	2.7	108	0.00
32		Benzoic acid	0.185	0.181	2.2	106	0.00
33		4-Chloroaniline	0.384	0.377	1.8	106	-0.01
34	C	Hexachlorobutadiene	0.185	0.180	2.7	108	0.00
35		Caprolactam	0.099	0.095	4.0	103	-0.02
36	C	4-Chloro-3-methylphenol	0.304	0.305	-0.3	108	-0.01
37		2-Methylnaphthalene	0.727	0.709	2.5	108	-0.01
38		1-Methylnaphthalene	0.709	0.680	4.1	107	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	108	0.00
40		1,2,4,5-Tetrachlorobenzene	0.575	0.582	-1.2	108	-0.01
41	P	Hexachlorocyclopentadiene	0.150	0.159	-6.0	115	-0.01
42	S	2,4,6-Tribromophenol	0.236	0.238	-0.8	104	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.364	-4.6	106	0.00
44		2,4,5-Trichlorophenol	0.394	0.412	-4.6	108	0.00
45	S	2-Fluorobiphenyl	1.291	1.301	-0.8	110	0.00
46		1,1'-Biphenyl	1.455	1.443	0.8	107	-0.01
47		2-Chloronaphthalene	1.094	1.099	-0.5	109	-0.01

Sample Results: **BP025082.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025082.D
Acq On : 10 Jul 2025 14:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 11 06:56:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.237	0.260	-9.7	108	0.00
49		Acenaphthylene	1.674	1.683	-0.5	107	0.00
50		Dimethylphthalate	1.400	1.389	0.8	106	0.00
51		2,6-Dinitrotoluene	0.273	0.287	-5.1	105	0.00
52	C	Acenaphthene	1.079	1.064	1.4	107	0.00
53		3-Nitroaniline	0.293	0.315	-7.5	106	0.00
54	P	2,4-Dinitrophenol	0.114	0.116	-1.8	107	0.00
55		Dibenzofuran	1.781	1.758	1.3	107	0.00
56	P	4-Nitrophenol	0.270	0.274	-1.5	103	0.00
57		2,4-Dinitrotoluene	0.356	0.389	-9.3	107	0.00
58		Fluorene	1.377	1.368	0.7	106	0.00
59		2,3,4,6-Tetrachlorophenol	0.357	0.369	-3.4	107	0.00
60		Diethylphthalate	1.406	1.421	-1.1	107	0.00
61		4-Chlorophenyl-phenylether	0.682	0.673	1.3	107	0.00
62		4-Nitroaniline	0.307	0.331	-7.8	104	0.00
63		Azobenzene	1.252	1.267	-1.2	108	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	107	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.083	-1.2	109	0.00
66	c	n-Nitrosodiphenylamine	0.572	0.563	1.6	105	0.00
67		4-Bromophenyl-phenylether	0.205	0.204	0.5	106	-0.01
68		Hexachlorobenzene	0.250	0.246	1.6	106	-0.01
69		Atrazine	0.168	0.158	6.0	98	0.00
70	C	Pentachlorophenol	0.169	0.172	-1.8	107	0.00
71		Phenanthrene	1.069	1.054	1.4	105	0.00
72		Anthracene	1.025	1.036	-1.1	107	0.00
73		Carbazole	1.002	1.007	-0.5	104	0.00
74		Di-n-butylphthalate	1.116	1.178	-5.6	106	0.00
75	C	Fluoranthene	1.249	1.257	-0.6	104	-0.02
76	I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77		Benzidine	0.353	0.858	-143.1#	153#	0.00
78		Pyrene	1.239	1.223	1.3	101	-0.01
79	S	Terphenyl-d14	0.910	0.936	-2.9	104	0.00
80		Butylbenzylphthalate	0.402	0.460	-14.4	106	0.00
81		Benzo(a)anthracene	1.212	1.214	-0.2	102	0.00
82		3,3'-Dichlorobenzidine	0.365	0.399	-9.3	104	-0.02
83		Chrysene	1.166	1.155	0.9	102	-0.01
84		Bis(2-ethylhexyl)phthalate	0.650	0.713	-9.7	103	-0.01
85	c	Di-n-octyl phthalate	1.054	1.169	-10.9	109	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	103	-0.01
87		Indeno(1,2,3-cd)pyrene	1.274	1.327	-4.2	102	-0.02
88		Benzo(b)fluoranthene	1.164	1.196	-2.7	102	-0.02
89		Benzo(k)fluoranthene	1.158	1.154	0.3	103	-0.02
90	C	Benzo(a)pyrene	0.991	1.037	-4.6	103	-0.02
91		Dibenzo(a,h)anthracene	1.053	1.107	-5.1	103	-0.04
92		Benzo(g,h,i)perylene	1.088	1.118	-2.8	102	-0.02

Sample Results: **BP025082.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025082.D
Acq On : 10 Jul 2025 14:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 11 06:56:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BP025082.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025082.D
Acq On : 10 Jul 2025 14:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 11 06:56:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	105	-0.02
2		1,4-Dioxane	40.000	38.670	3.3	102	0.00
3		Pyridine	40.000	39.857	0.4	102	-0.01
4		n-Nitrosodimethylamine	40.000	40.369	-0.9	106	-0.01
5	S	2-Fluorophenol	80.000	79.918	0.1	104	-0.01
6		Aniline	40.000	40.506	-1.3	105	-0.02
7	S	Phenol-d6	80.000	81.391	-1.7	108	-0.02
8		2-Chlorophenol	40.000	40.363	-0.9	106	-0.02
9		Benzaldehyde	40.000	35.132	12.2	98	-0.02
10	C	Phenol	40.000	40.259	-0.6	107	-0.02
11		bis(2-Chloroethyl)ether	40.000	40.213	-0.5	108	-0.03
12		1,3-Dichlorobenzene	40.000	39.498	1.3	106	-0.02
13	C	1,4-Dichlorobenzene	40.000	39.463	1.3	106	-0.02
14		1,2-Dichlorobenzene	40.000	39.344	1.6	105	-0.02
15		Benzyl Alcohol	40.000	40.597	-1.5	109	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	40.475	-1.2	111	-0.02
17		2-Methylphenol	40.000	41.058	-2.6	107	-0.02
18		Hexachloroethane	40.000	40.726	-1.8	108	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	41.169	-2.9	109	-0.02
20		3+4-Methylphenols	40.000	39.971	0.1	106	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	109	0.00
22		Acetophenone	40.000	38.479	3.8	107	-0.02
23	S	Nitrobenzene-d5	80.000	81.753	-2.2	109	-0.02
24		Nitrobenzene	40.000	40.662	-1.7	110	-0.02
25		Isophorone	40.000	39.479	1.3	108	0.00
26	C	2-Nitrophenol	40.000	36.991	7.5	110	-0.02
27		2,4-Dimethylphenol	40.000	39.107	2.2	107	-0.02
28		bis(2-Chloroethoxy)methane	40.000	39.315	1.7	109	-0.01
29	C	2,4-Dichlorophenol	40.000	40.347	-0.9	107	0.00
30		1,2,4-Trichlorobenzene	40.000	38.805	3.0	107	-0.02
31		Naphthalene	40.000	38.900	2.8	108	0.00
32		Benzoic acid	40.000	36.374	9.1	106	0.00
33		4-Chloroaniline	40.000	39.286	1.8	106	-0.01
34	C	Hexachlorobutadiene	40.000	38.956	2.6	108	0.00
35		Caprolactam	40.000	38.340	4.1	103	-0.02
36	C	4-Chloro-3-methylphenol	40.000	40.173	-0.4	108	-0.01
37		2-Methylnaphthalene	40.000	39.004	2.5	108	-0.01
38		1-Methylnaphthalene	40.000	38.391	4.0	107	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	108	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.535	-1.3	108	-0.01
41	P	Hexachlorocyclopentadiene	40.000	42.419	-6.0	115	-0.01
42	S	2,4,6-Tribromophenol	80.000	80.723	-0.9	104	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.847	-4.6	106	0.00
44		2,4,5-Trichlorophenol	40.000	41.739	-4.3	108	0.00
45	S	2-Fluorobiphenyl	80.000	80.634	-0.8	110	0.00
46		1,1'-Biphenyl	40.000	39.664	0.8	107	-0.01
47		2-Chloronaphthalene	40.000	40.209	-0.5	109	-0.01

Sample Results: **BP025082.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025082.D
Acq On : 10 Jul 2025 14:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 11 06:56:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.328	1.7	108	0.00
49		Acenaphthylene	40.000	40.212	-0.5	107	0.00
50		Dimethylphthalate	40.000	39.688	0.8	106	0.00
51		2,6-Dinitrotoluene	40.000	42.108	-5.3	105	0.00
52	C	Acenaphthene	40.000	39.452	1.4	107	0.00
53		3-Nitroaniline	40.000	43.102	-7.8	106	0.00
54	P	2,4-Dinitrophenol	40.000	37.884	5.3	107	0.00
55		Dibenzofuran	40.000	39.500	1.3	107	0.00
56	P	4-Nitrophenol	40.000	40.580	-1.4	103	0.00
57		2,4-Dinitrotoluene	40.000	39.320	1.7	107	0.00
58		Fluorene	40.000	39.719	0.7	106	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.309	-3.3	107	0.00
60		Diethylphthalate	40.000	40.419	-1.0	107	0.00
61		4-Chlorophenyl-phenylether	40.000	39.520	1.2	107	0.00
62		4-Nitroaniline	40.000	43.113	-7.8	104	0.00
63		Azobenzene	40.000	40.472	-1.2	108	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	107	0.00
65		4,6-Dinitro-2-methylphenol	40.000	37.919	5.2	109	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.333	1.7	105	0.00
67		4-Bromophenyl-phenylether	40.000	39.814	0.5	106	-0.01
68		Hexachlorobenzene	40.000	39.350	1.6	106	-0.01
69		Atrazine	40.000	37.780	5.5	98	0.00
70	C	Pentachlorophenol	40.000	40.622	-1.6	107	0.00
71		Phenanthrene	40.000	39.461	1.3	105	0.00
72		Anthracene	40.000	40.425	-1.1	107	0.00
73		Carbazole	40.000	40.200	-0.5	104	0.00
74		Di-n-butylphthalate	40.000	42.220	-5.5	106	0.00
75	C	Fluoranthene	40.000	40.244	-0.6	104	-0.02
76	I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77		Benzidine	40.000	97.143	-142.9#	153	0.00
78		Pyrene	40.000	39.486	1.3	101	-0.01
79	S	Terphenyl-d14	80.000	82.310	-2.9	104	0.00
80		Butylbenzylphthalate	40.000	39.260	1.9	106	0.00
81		Benzo(a)anthracene	40.000	40.049	-0.1	102	0.00
82		3,3'-Dichlorobenzidine	40.000	43.691	-9.2	104	-0.02
83		Chrysene	40.000	39.614	1.0	102	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	43.873	-9.7	103	-0.01
85	c	Di-n-octyl phthalate	40.000	40.328	-0.8	109	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	103	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	41.655	-4.1	102	-0.02
88		Benzo(b)fluoranthene	40.000	41.094	-2.7	102	-0.02
89		Benzo(k)fluoranthene	40.000	39.847	0.4	103	-0.02
90	C	Benzo(a)pyrene	40.000	41.875	-4.7	103	-0.02
91		Dibenzo(a,h)anthracene	40.000	42.037	-5.1	103	-0.04
92		Benzo(g,h,i)perylene	40.000	41.118	-2.8	102	-0.02

Sample Results: **BP025082.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025082.D
Acq On : 10 Jul 2025 14:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 11 06:56:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BP025138.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_P Calibration Date/Time: 07/15/2025 09:36

Lab File ID: BP025138.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.129	1.147		1.6	
Benzaldehyde	0.769	0.679		-11.7	
Phenol-d6	1.473	1.355		-8.0	
Phenol	1.497	1.357		-9.4	20.0
bis(2-Chloroethyl)ether	1.152	1.035		-10.2	
2-Chlorophenol	1.263	1.226		-2.9	
2-Methylphenol	0.964	0.882		-8.5	
2,2-oxybis(1-Chloropropane)	1.498	1.230		-17.9	
Acetophenone	0.473	0.447		-5.5	
3+4-Methylphenols	1.350	1.168		-13.5	
n-Nitroso-di-n-propylamine	0.874	0.714	0.050	-18.3	
Nitrobenzene-d5	0.301	0.314		4.3	
Hexachloroethane	0.466	0.480		3.0	
Nitrobenzene	0.306	0.312		2.0	
Isophorone	0.562	0.502		-10.7	
2-Nitrophenol	0.128	0.173		35.2	20.0
2,4-Dimethylphenol	0.210	0.204		-2.9	
bis(2-Chloroethoxy)methane	0.382	0.353		-7.6	
2,4-Dichlorophenol	0.291	0.298		2.4	20.0
Naphthalene	1.030	1.000		-2.9	
4-Chloroaniline	0.384	0.355		-7.6	
Hexachlorobutadiene	0.185	0.203		9.7	20.0
Caprolactam	0.099	0.087		-12.1	
4-Chloro-3-methylphenol	0.304	0.283		-6.9	20.0
2-Methylnaphthalene	0.727	0.661		-9.1	
Hexachlorocyclopentadiene	0.150	0.198	0.050	32.0	
2,4,6-Trichlorophenol	0.348	0.391		12.4	20.0
2-Fluorobiphenyl	1.291	1.304		1.0	
2,4,5-Trichlorophenol	0.394	0.423		7.4	
1,1-Biphenyl	1.455	1.428		-1.9	
2-Chloronaphthalene	1.094	1.097		0.3	
2-Nitroaniline	0.237	0.272		14.8	
Dimethylphthalate	1.400	1.334		-4.7	
Acenaphthylene	1.674	1.684		0.6	
2,6-Dinitrotoluene	0.273	0.289		5.9	
3-Nitroaniline	0.293	0.323		10.2	
Acenaphthene	1.079	1.045		-3.2	20.0
2,4-Dinitrophenol	0.114	0.153	0.050	34.2	
4-Nitrophenol	0.270	0.289	0.050	7.0	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG No.: Q2487

Instrument ID: BNA_P Calibration Date/Time: 07/15/2025 09:36

Lab File ID: BP025138.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.781	1.717		-3.6	
2,4-Dinitrotoluene	0.356	0.401		12.6	
Diethylphthalate	1.406	1.348		-4.1	
4-Chlorophenyl-phenylether	0.682	0.655		-4.0	
Fluorene	1.377	1.332		-3.3	
4-Nitroaniline	0.307	0.342		11.4	
4,6-Dinitro-2-methylphenol	0.082	0.111		35.4	
n-Nitrosodiphenylamine	0.572	0.577		0.9	20.0
2,4,6-Tribromophenol	0.236	0.272		15.3	
4-Bromophenyl-phenylether	0.205	0.223		8.8	
Hexachlorobenzene	0.250	0.259		3.6	
Atrazine	0.168	0.147		-12.5	
Pentachlorophenol	0.169	0.198		17.2	20.0
Phenanthrene	1.069	1.047		-2.1	
Anthracene	1.025	1.043		1.8	
Carbazole	1.002	1.027		2.5	
Di-n-butylphthalate	1.116	1.242		11.3	
Fluoranthene	1.249	1.286		3.0	20.0
Pyrene	1.239	1.176		-5.1	
Terphenyl-d14	0.910	0.896		-1.5	
Butylbenzylphthalate	0.402	0.528		31.3	
3,3-Dichlorobenzidine	0.365	0.460		26.0	
Benzo(a)anthracene	1.212	1.213		0.1	
Chrysene	1.166	1.161		-0.4	
Bis(2-ethylhexyl)phthalate	0.650	0.765		17.7	
Di-n-octyl phthalate	1.054	1.391		32.0	20.0
Benzo(b)fluoranthene	1.164	1.125		-3.4	
Benzo(k)fluoranthene	1.158	1.086		-6.2	
Benzo(a)pyrene	0.991	1.013		2.2	20.0
Indeno(1,2,3-cd)pyrene	1.274	1.401		10.0	
Dibenzo(a,h)anthracene	1.053	1.150		9.2	
Benzo(g,h,i)perylene	1.088	1.183		8.7	
1,2,4,5-Tetrachlorobenzene	0.575	0.622		8.2	
1,4-Dioxane	0.439	0.426		-3.0	20.0
2,3,4,6-Tetrachlorophenol	0.357	0.378		5.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	539286	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1912691	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1092262	20.000	ng	0.00
64) Phenanthrene-d10	16.890	188	2112947	20.000	ng	-0.02
76) Chrysene-d12	21.336	240	2423209	20.000	ng	0.00
86) Perylene-d12	24.466	264	2977605	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2474543	81.302	ng	0.00
7) Phenol-d6	6.637	99	2922465	73.579	ng	0.00
23) Nitrobenzene-d5	8.566	82	2399082	83.417	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1186292	91.937	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	5696052	80.788	ng	0.00
79) Terphenyl-d14	19.672	244	8685146	78.772	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.126	88	459788	38.849	ng	98
3) Pyridine	3.496	79	1178526	36.371	ng	98
4) n-Nitrosodimethylamine	3.408	42	502075	36.596	ng	94
6) Aniline	6.784	93	1304985	35.165	ng	98
8) 2-Chlorophenol	7.019	128	1321981	38.820	ng	98
9) Benzaldehyde	6.596	77	732823	35.328	ng	99
10) Phenol	6.661	94	1463822	36.271	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	1116685	35.953	ng	98
12) 1,3-Dichlorobenzene	7.337	146	1490161	39.099	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1512425	39.195	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1428568	38.486	ng	100
15) Benzyl Alcohol	7.678	79	962249	36.298	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1326319	32.841	ng	98
17) 2-Methylphenol	7.878	107	951555	36.603	ng	99
18) Hexachloroethane	8.496	117	517470	41.165	ng	99
19) n-Nitroso-di-n-propyla...	8.237	70	769639	32.674	ng	98
20) 3+4-Methylphenols	8.202	107	1259243	34.582	ng	98
22) Acetophenone	8.243	105	1711174	37.829	ng	98
24) Nitrobenzene	8.608	77	1193570	40.744	ng	95
25) Isophorone	9.137	82	1922190	35.764	ng	98
26) 2-Nitrophenol	9.308	139	662204	46.680	ng	99
27) 2,4-Dimethylphenol	9.384	122	779946	38.901	ng	97
28) bis(2-Chloroethoxy)met...	9.619	93	1350218	36.998	ng	99
29) 2,4-Dichlorophenol	9.837	162	1138831	40.964	ng	99
30) 1,2,4-Trichlorobenzene	10.055	180	1261827	40.986	ng	96
31) Naphthalene	10.231	128	3826840	38.856	ng	100
32) Benzoic acid	9.513	122	852968	43.285	ng	97
33) 4-Chloroaniline	10.343	127	1359199	36.980	ng	99
34) Hexachlorobutadiene	10.531	225	776668	43.961	ng	100
35) Caprolactam	11.113	113	333474	35.063	ng	93
36) 4-Chloro-3-methylphenol	11.478	107	1082330	37.255	ng	98
37) 2-Methylnaphthalene	11.855	142	2529303	36.398	ng	100
38) 1-Methylnaphthalene	12.084	142	2461306	36.317	ng	99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1358686	43.282	ng	99
41) Hexachlorocyclopentadiene	12.219	237	432854	52.790	ng	99
43) 2,4,6-Trichlorophenol	12.484	196	854124	44.935	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

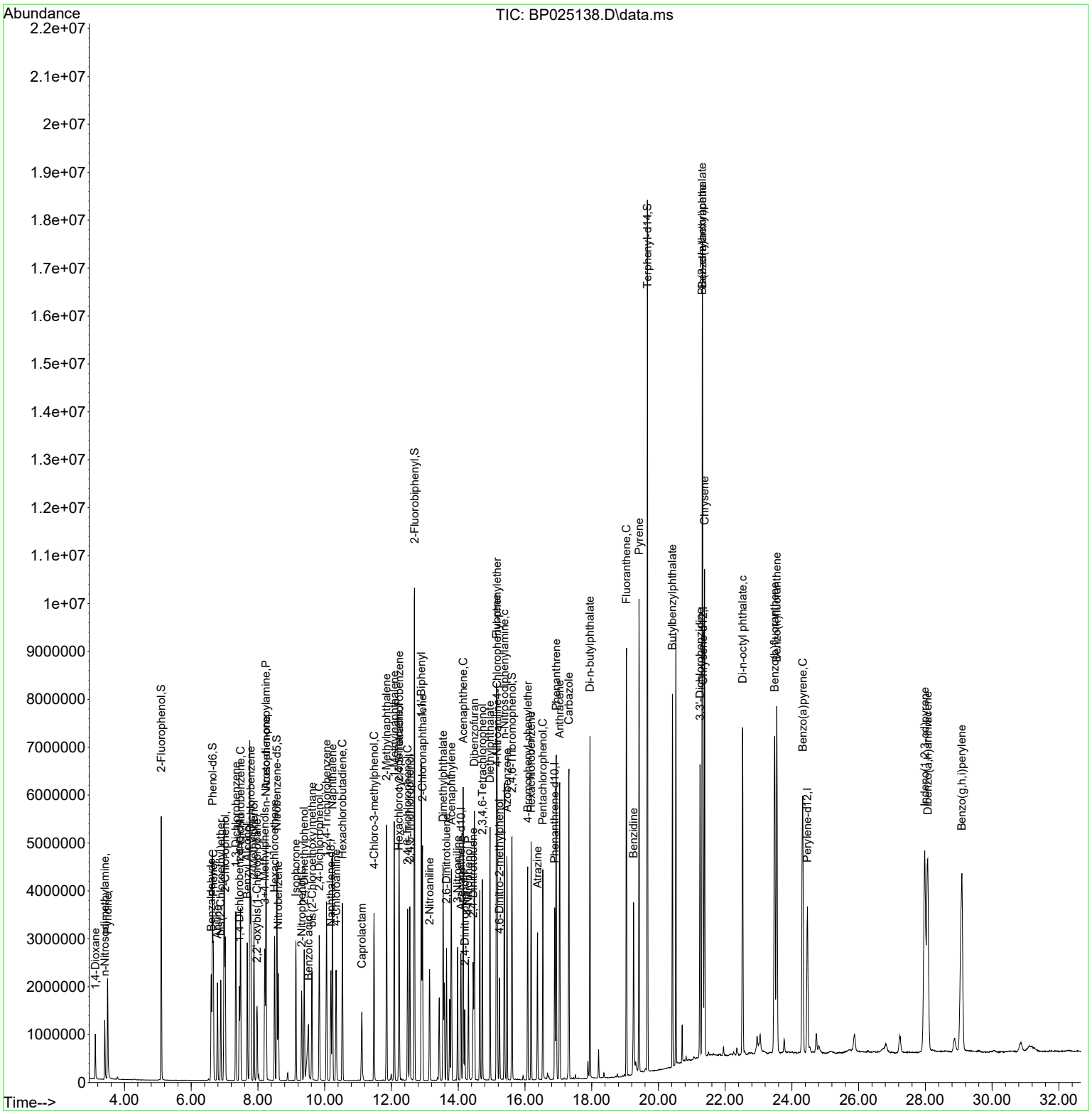
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.549	196	923802	42.884	ng	99
46) 1,1'-Biphenyl	12.896	154	3118784	39.244	ng	100
47) 2-Chloronaphthalene	12.931	162	2396183	40.116	ng	99
48) 2-Nitroaniline	13.143	65	593729	41.005	ng	91
49) Acenaphthylene	13.796	152	3678070	40.232	ng	99
50) Dimethylphthalate	13.549	163	2913588	38.107	ng	99
51) 2,6-Dinitrotoluene	13.649	165	630484	42.281	ng	96
52) Acenaphthene	14.149	154	2283738	38.757	ng	99
53) 3-Nitroaniline	13.984	138	704959	44.113	ng	98
54) 2,4-Dinitrophenol	14.196	184	333533	48.071	ng	97
55) Dibenzofuran	14.484	168	3751617	38.580	ng	100
56) 4-Nitrophenol	14.307	139	631062	42.791	ng	99
57) 2,4-Dinitrotoluene	14.448	165	874922	40.419	ng	95
58) Fluorene	15.148	166	2909661	38.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.725	232	826703	42.379	ng	96
60) Diethylphthalate	14.954	149	2944042	38.337	ng	100
61) 4-Chlorophenyl-phenyle...	15.166	204	1429908	38.415	ng	98
62) 4-Nitroaniline	15.172	138	747413	44.603	ng	98
63) Azobenzene	15.460	77	2483159	36.313	ng	98
65) 4,6-Dinitro-2-methylph...	15.237	198	470864	48.858	ng	100
66) n-Nitrosodiphenylamine	15.384	169	2438227	40.322	ng	99
67) 4-Bromophenyl-phenylether	16.084	248	944253	43.646	ng	98
68) Hexachlorobenzene	16.190	284	1092907	41.331	ng	94
69) Atrazine	16.378	200	620482	35.017	ng	99
70) Pentachlorophenol	16.537	266	835548	46.787	ng	99
71) Phenanthrene	16.937	178	4422649	39.172	ng	100
72) Anthracene	17.042	178	4407571	40.692	ng	100
73) Carbazole	17.319	167	4341714	40.996	ng	100
74) Di-n-butylphthalate	17.948	149	5248706	44.505	ng	99
75) Fluoranthene	19.042	202	5432893	41.167	ng	100
77) Benzidine	19.254	184	2339949	54.675	ng	98
78) Pyrene	19.419	202	5697689	37.962	ng	99
80) Butylbenzylphthalate	20.419	149	2557535	44.517	ng	99
81) Benzo(a)anthracene	21.319	228	5878963	40.034	ng	100
82) 3,3'-Dichlorobenzidine	21.248	252	2229564	50.434	ng	99
83) Chrysene	21.383	228	5626605	39.815	ng	100
84) Bis(2-ethylhexyl)phtha...	21.313	149	3706065	47.050	ng	99
85) Di-n-octyl phthalate	22.525	149	6739607	46.832	ng	98
87) Indeno(1,2,3-cd)pyrene	27.983	276	8343284m	43.984	ng	
88) Benzo(b)fluoranthene	23.483	252	6701452	38.667	ng	99
89) Benzo(k)fluoranthene	23.548	252	6464721	37.489	ng	99
90) Benzo(a)pyrene	24.324	252	6032064	40.894	ng	99
91) Dibenzo(a,h)anthracene	28.071	278	6851324	43.695	ng	98
92) Benzo(g,h,i)perylene	29.089	276	7045315	43.496	ng	98

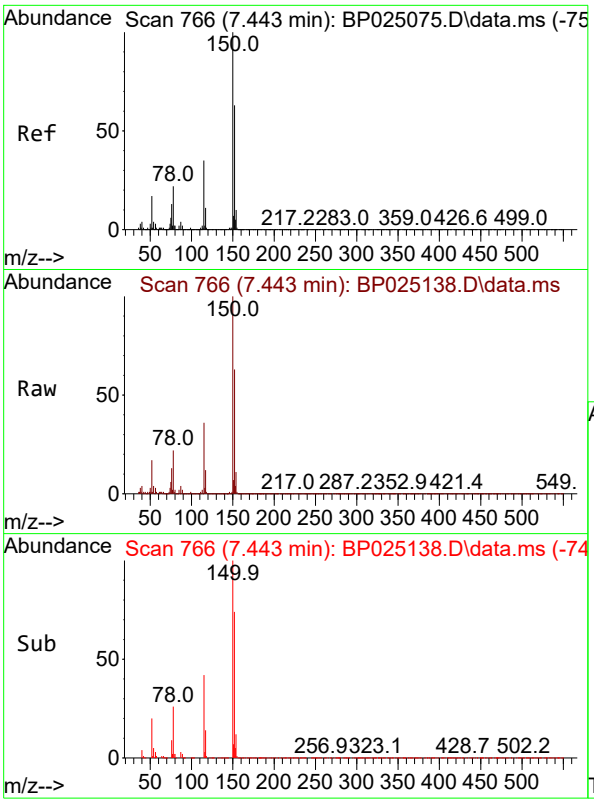
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



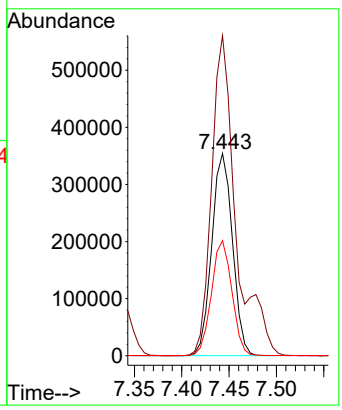


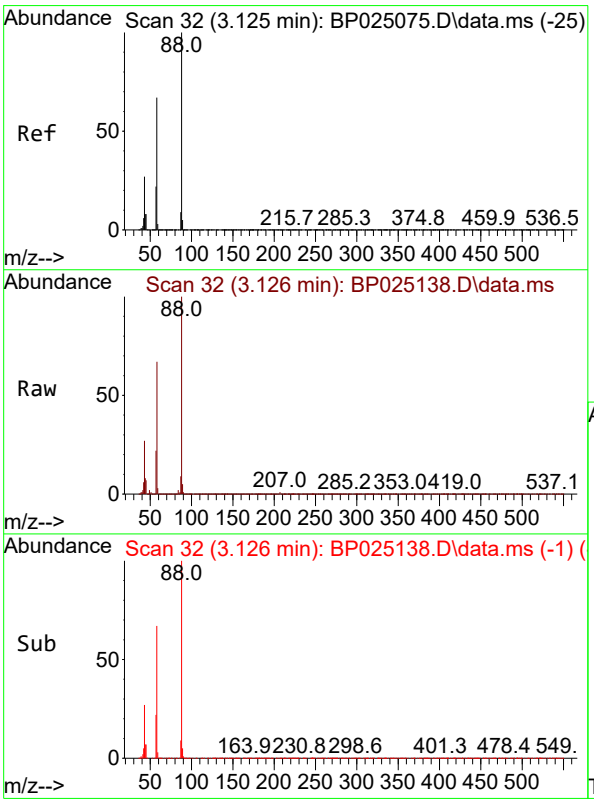
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 539286

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.1	189.1
115	56.9	44.3	66.5

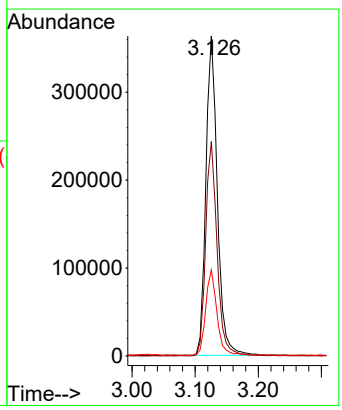


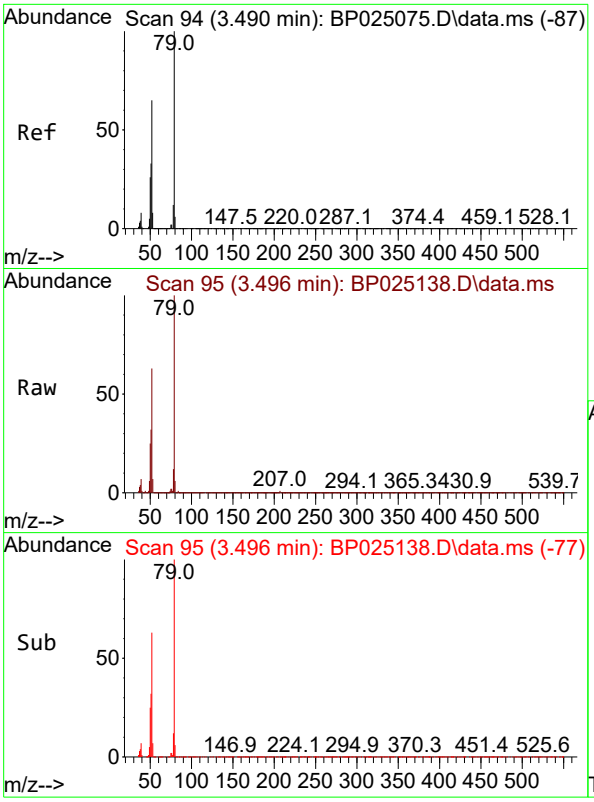


#2
1,4-Dioxane
Concen: 38.849 ng
RT: 3.126 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 88 Resp: 459788

Ion	Ratio	Lower	Upper
88	100		
58	66.8	55.0	82.4
43	26.4	21.9	32.9



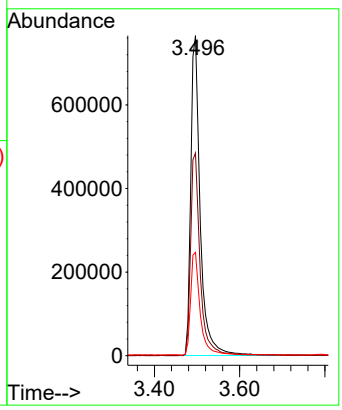


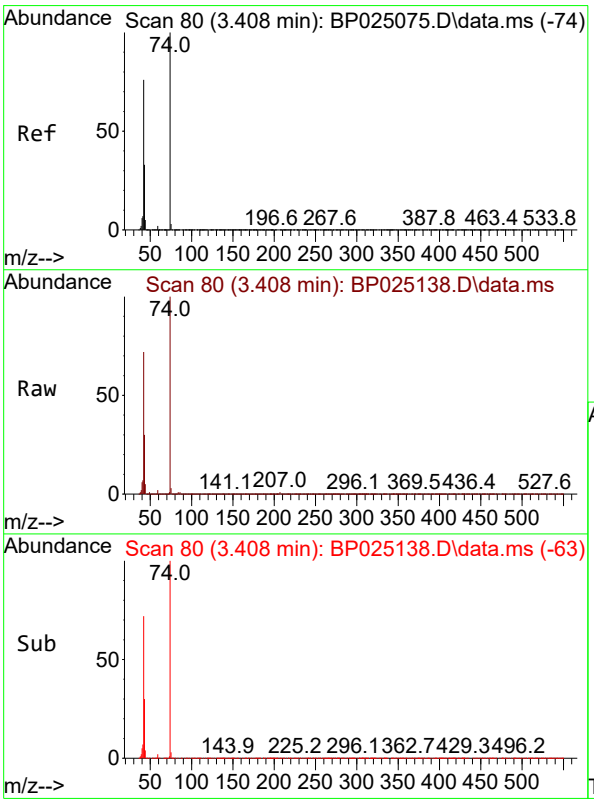
#3
Pyridine
Concen: 36.371 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1178526

Ion	Ratio	Lower	Upper
79	100		
52	63.4	52.2	78.4
51	32.3	26.8	40.2

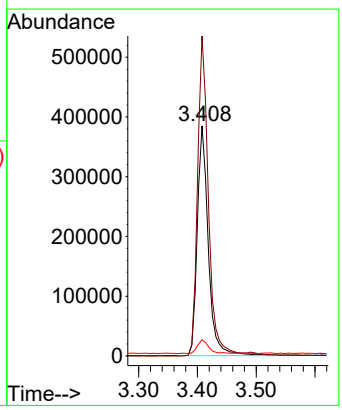


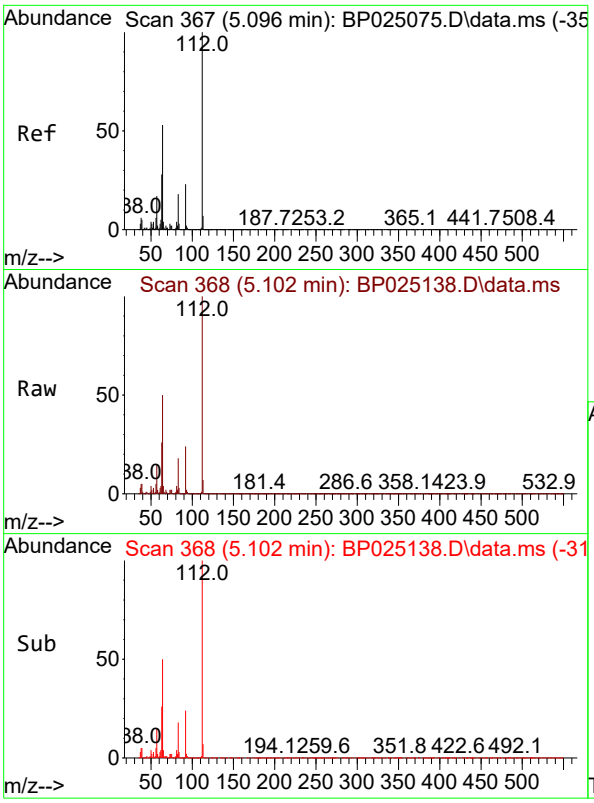


#4
n-Nitrosodimethylamine
Concen: 36.596 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 42 Resp: 502075

Ion	Ratio	Lower	Upper
42	100		
74	139.1	105.2	157.8
44	7.0	6.6	9.8



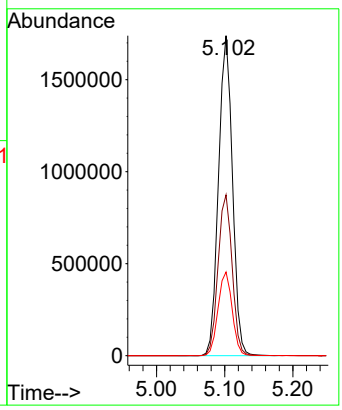


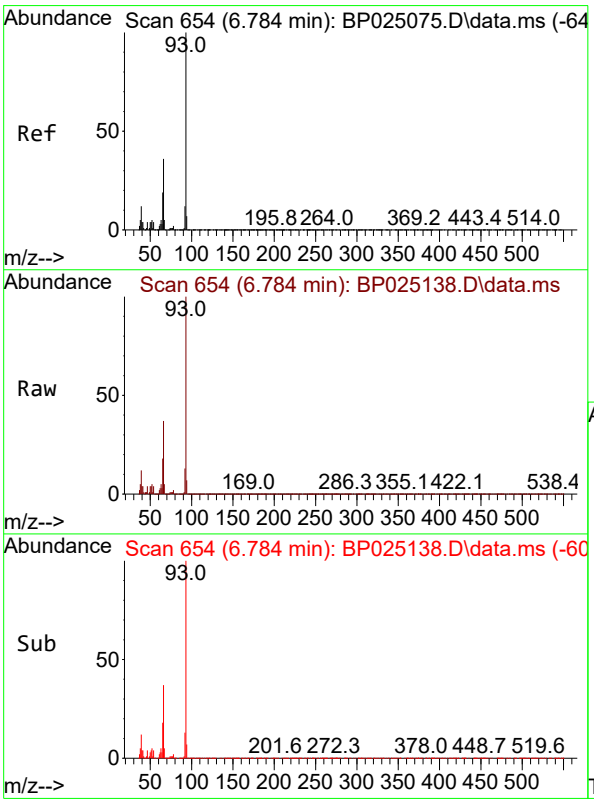
#5
2-Fluorophenol
Concen: 81.302 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 2474543

Ion	Ratio	Lower	Upper
112	100		
64	50.2	42.0	63.0
63	26.1	22.2	33.2

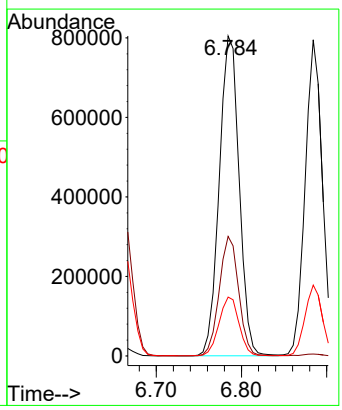


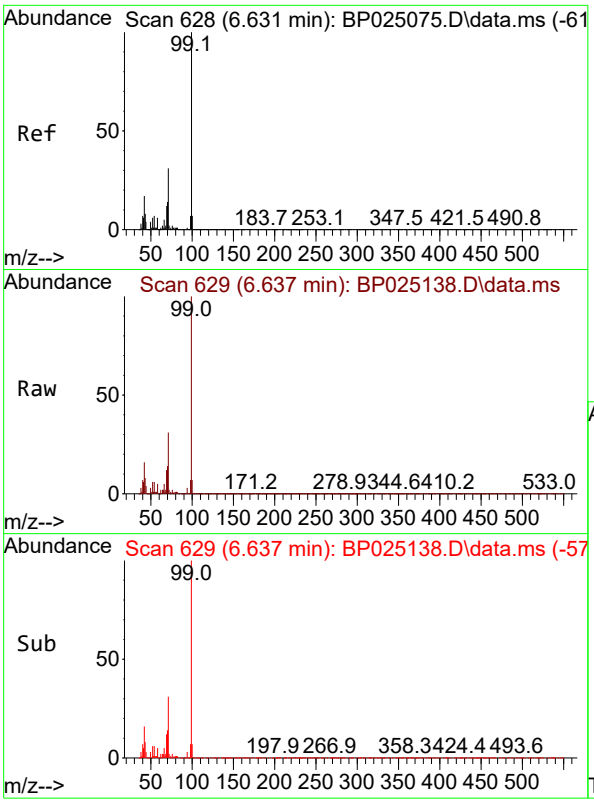


#6
Aniline
Concen: 35.165 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 93 Resp: 1304985

Ion	Ratio	Lower	Upper
93	100		
66	37.3	28.9	43.3
65	18.4	15.2	22.8



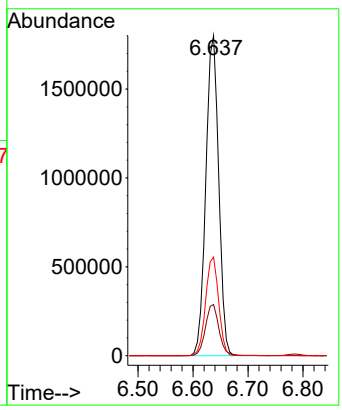


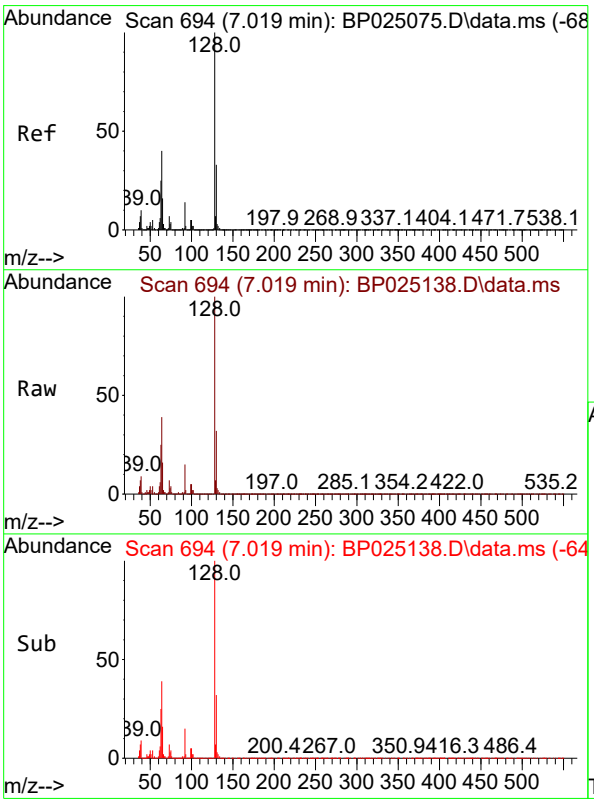
#7
Phenol-d6
Concen: 73.579 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2922465

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.6	20.4
71	30.9	24.4	36.6

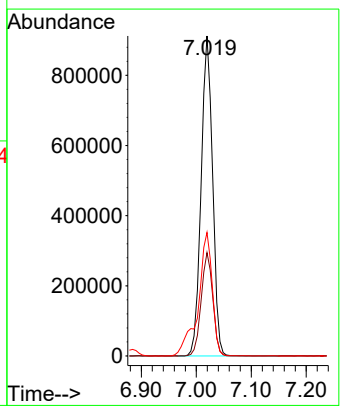


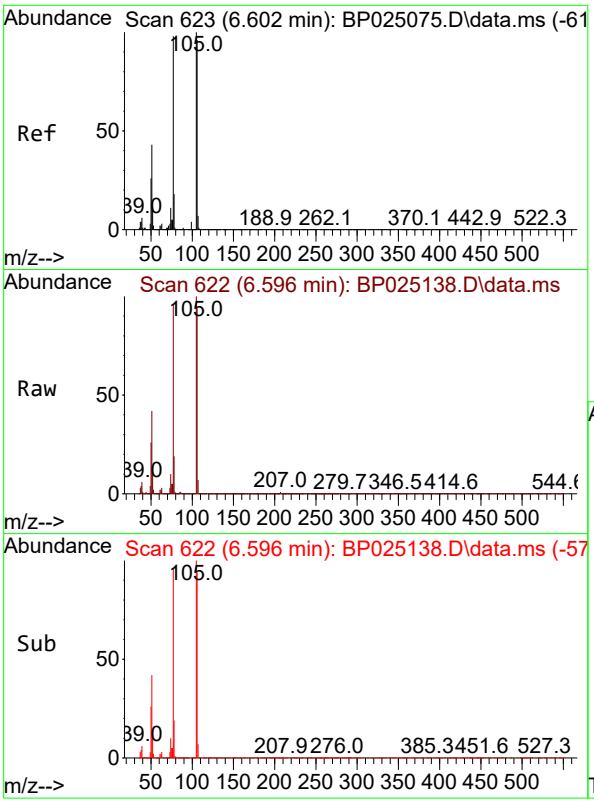


#8
2-Chlorophenol
Concen: 38.820 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:128 Resp: 1321981

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	38.6	20.3	60.3



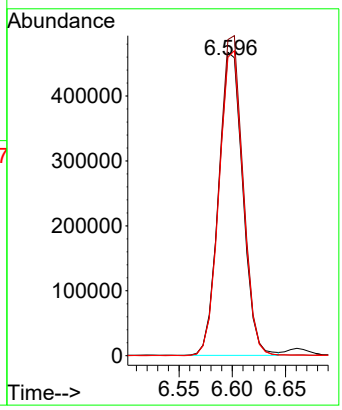


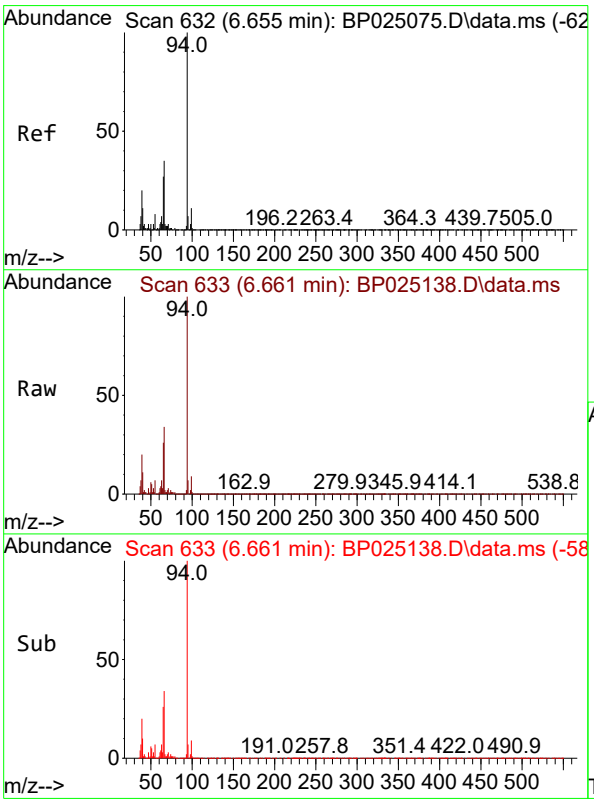
#9
Benzaldehyde
Concen: 35.328 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 732823

Ion	Ratio	Lower	Upper
77	100		
105	104.3	82.4	122.4
106	98.4	78.3	118.3

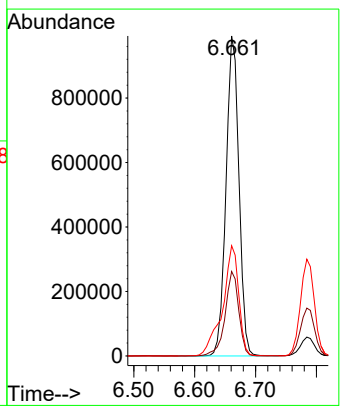


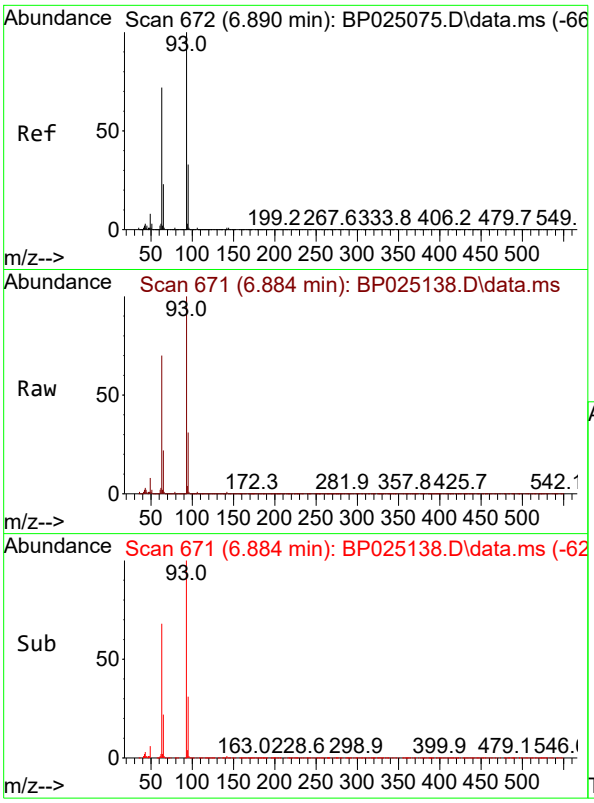


#10
Phenol
Concen: 36.271 ng
RT: 6.661 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 94 Resp: 1463822

Ion	Ratio	Lower	Upper
94	100		
65	26.4	6.9	46.9
66	34.5	14.6	54.6



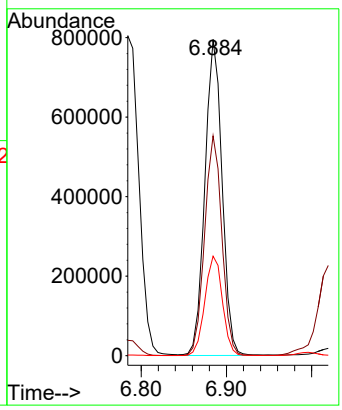


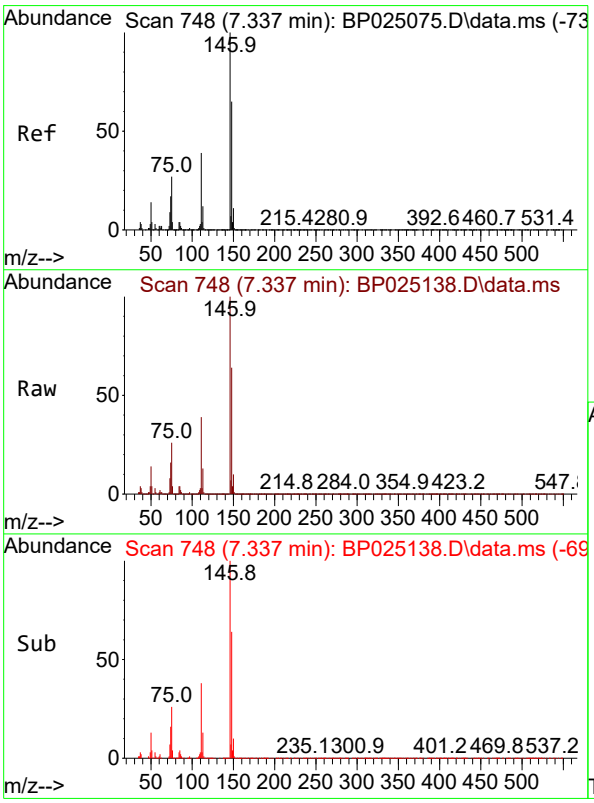
#11
bis(2-Chloroethyl)ether
Concen: 35.953 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1116685

Ion	Ratio	Lower	Upper
93	100		
63	69.5	51.9	91.9
95	31.5	12.4	52.4

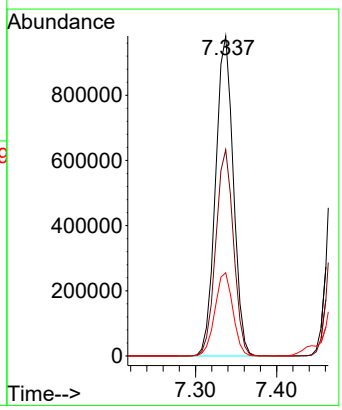


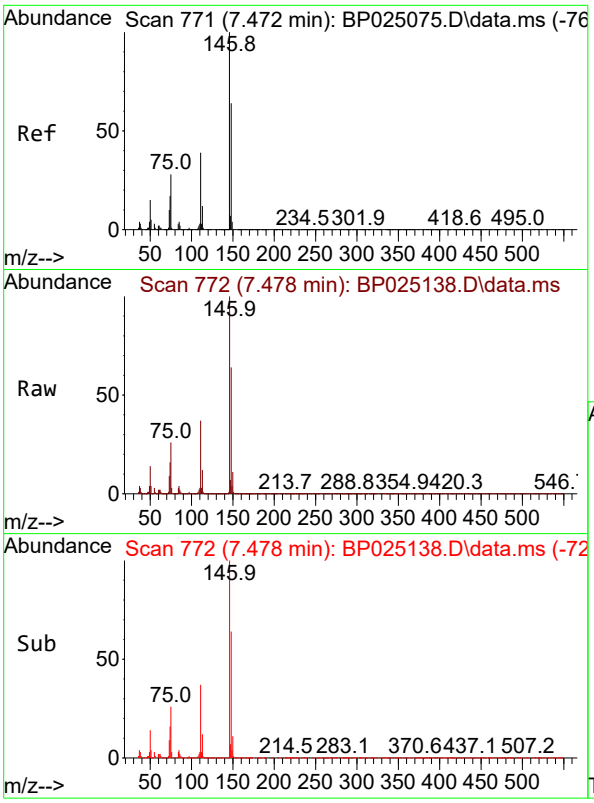


#12
1,3-Dichlorobenzene
Concen: 39.099 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:146 Resp: 1490161

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	26.0	21.8	32.6



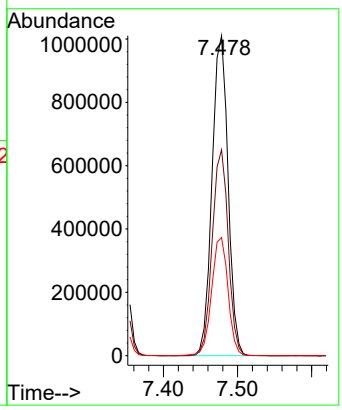


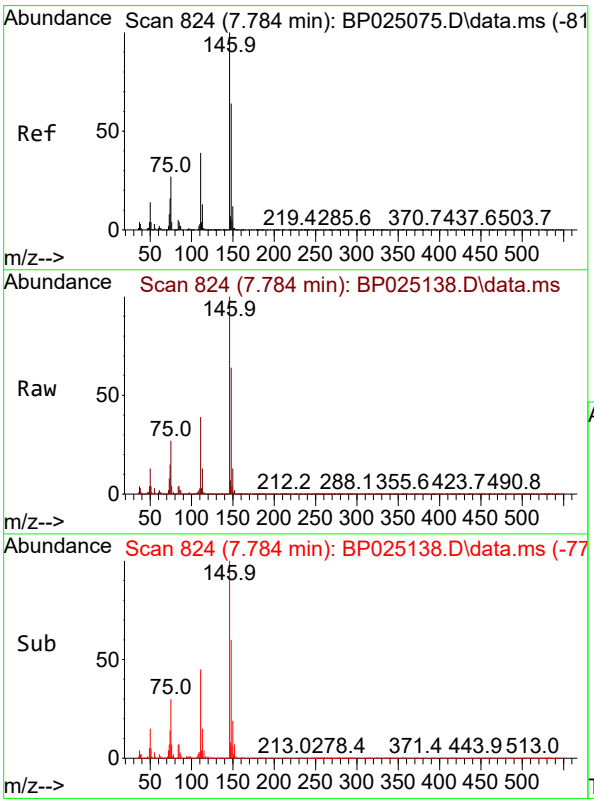
#13
1,4-Dichlorobenzene
Concen: 39.195 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1512425

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	36.9	31.2	46.8

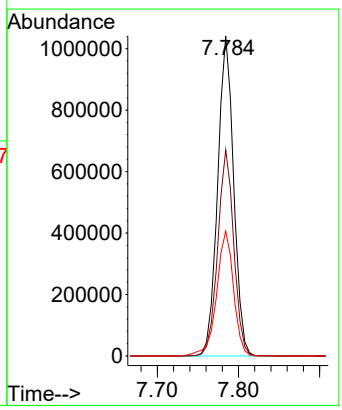


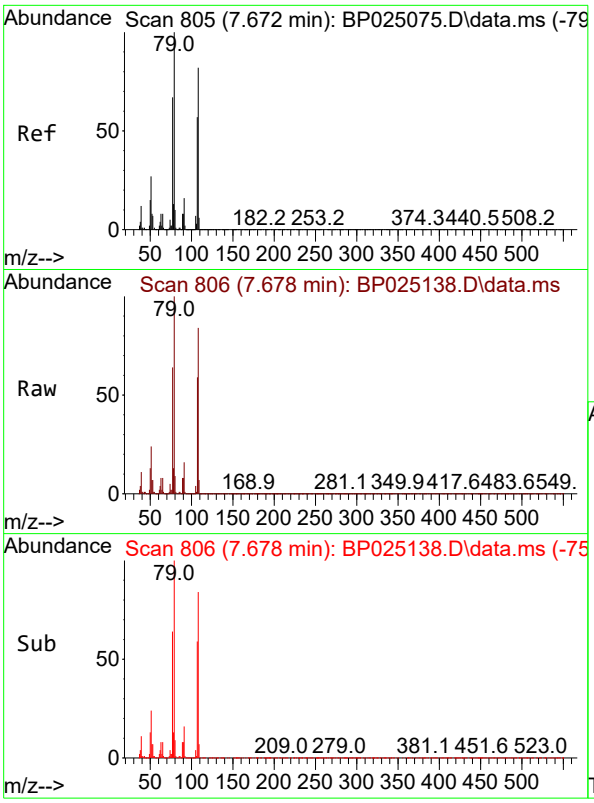


#14
1,2-Dichlorobenzene
Concen: 38.486 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:146 Resp: 1428568

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	39.0	31.2	46.8



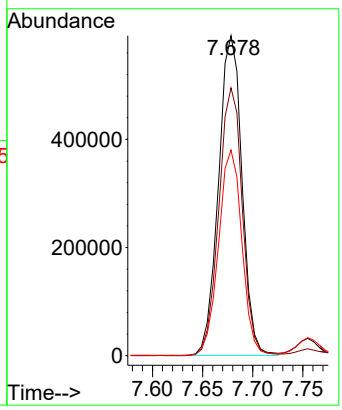


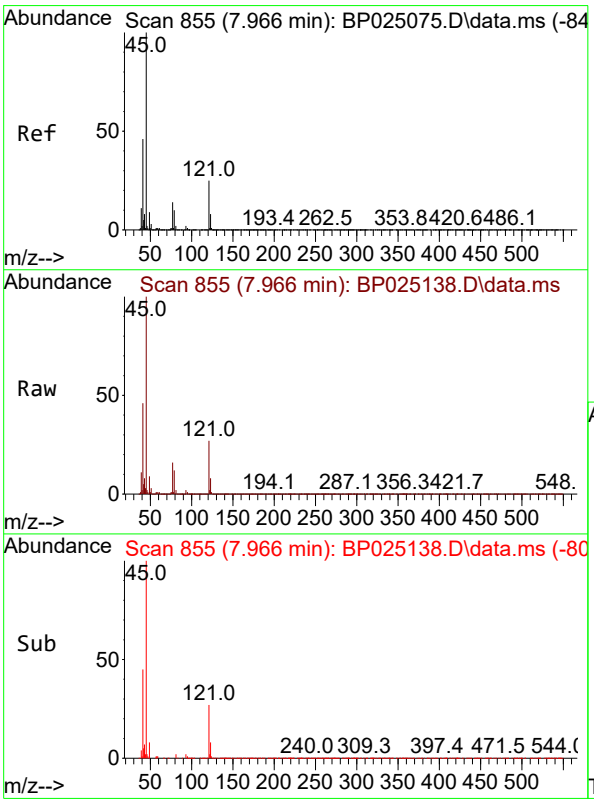
#15
Benzyl Alcohol
Concen: 36.298 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 962249

Ion	Ratio	Lower	Upper
79	100		
108	83.7	66.0	99.0
77	64.3	53.4	80.2

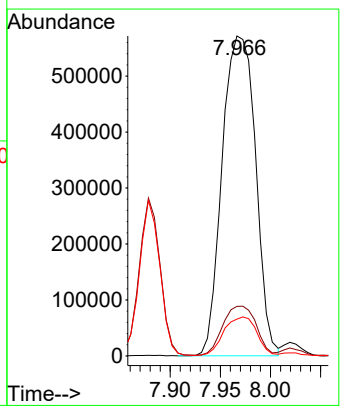


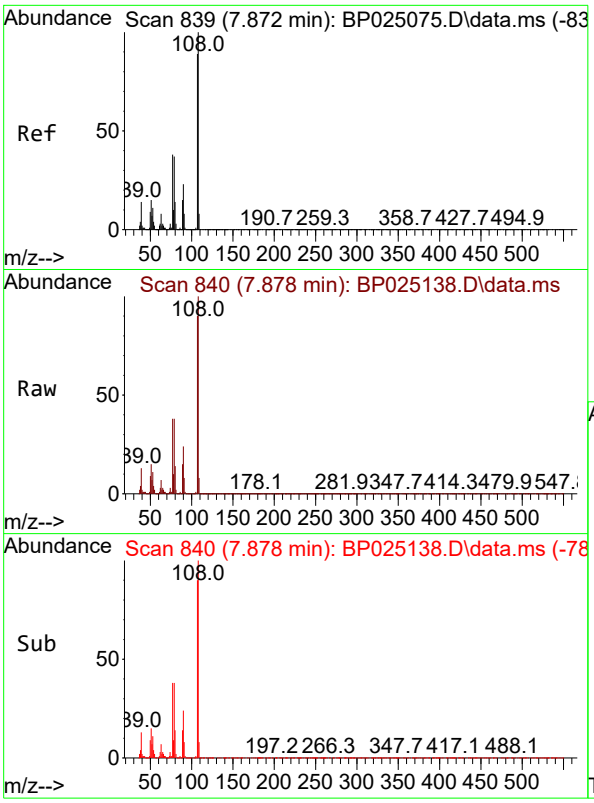


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.841 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 45 Resp: 1326319

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.8
79	11.5	0.0	30.7



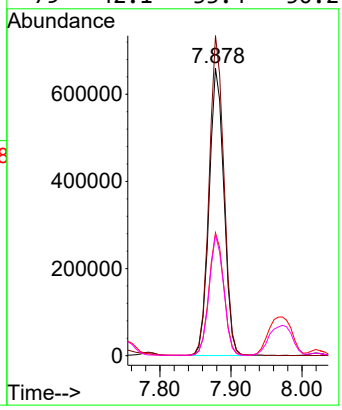


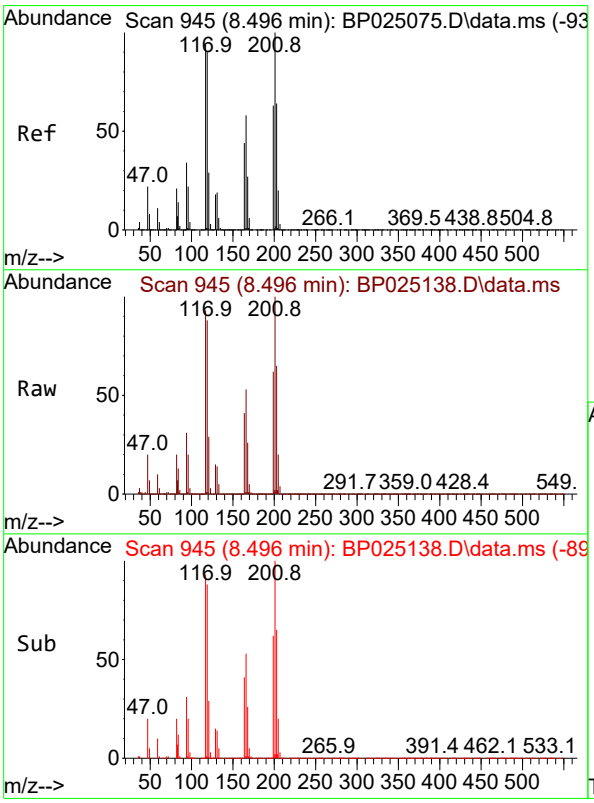
#17
2-Methylphenol
Concen: 36.603 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 951555

Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.7	134.5
77	42.7	34.2	51.4
79	42.1	33.4	50.2

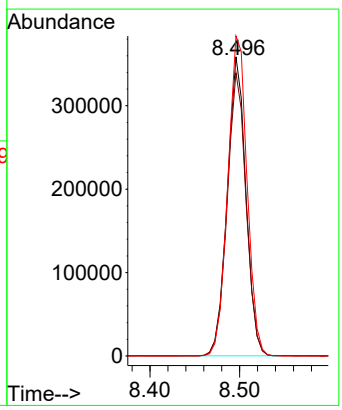


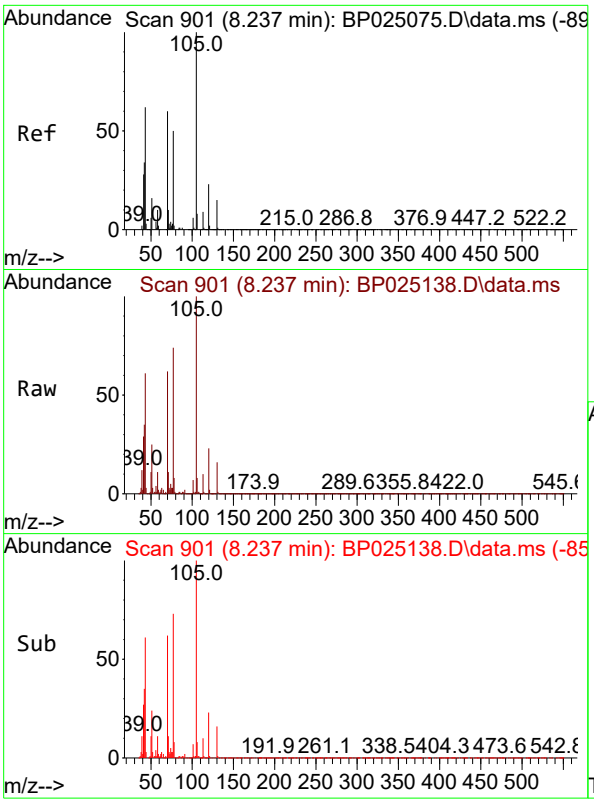


#18
Hexachloroethane
Concen: 41.165 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:117 Resp: 517470

Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	115.0
201	107.0	85.4	128.2



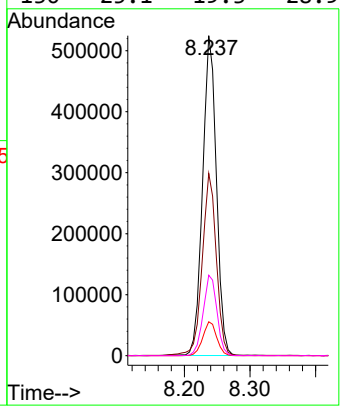


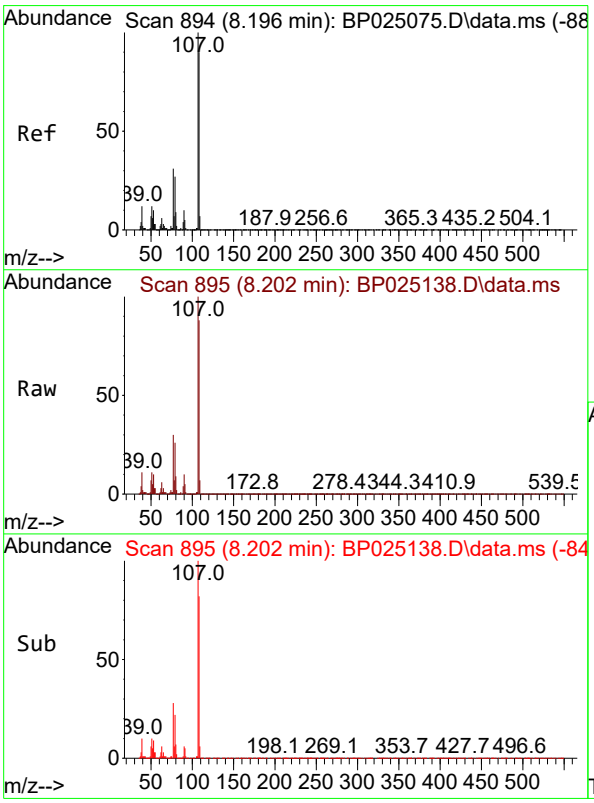
#19
n-Nitroso-di-n-propylamine
Concen: 32.674 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 769639

Ion	Ratio	Lower	Upper
70	100		
42	56.9	46.5	69.7
101	10.6	7.9	11.9
130	25.1	19.3	28.9

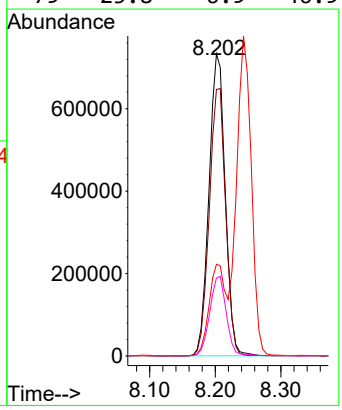


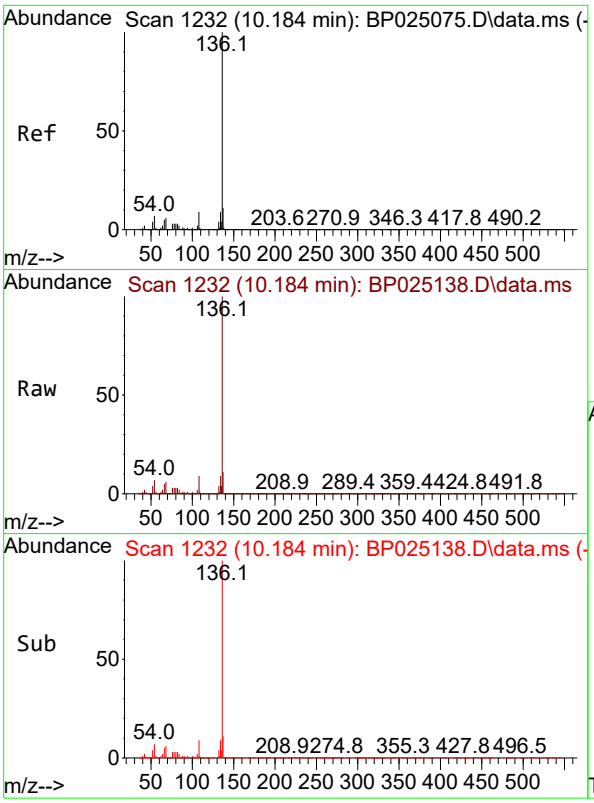


#20
3+4-Methylphenols
Concen: 34.582 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:107 Resp: 1259243

Ion	Ratio	Lower	Upper
107	100		
108	88.2	69.5	109.5
77	30.4	11.4	51.4
79	25.8	6.9	46.9



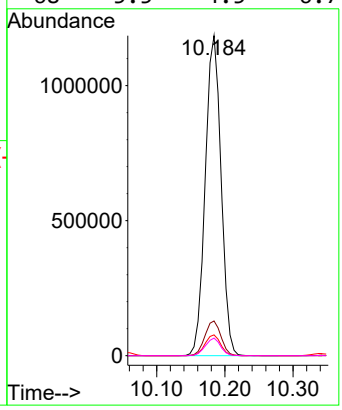


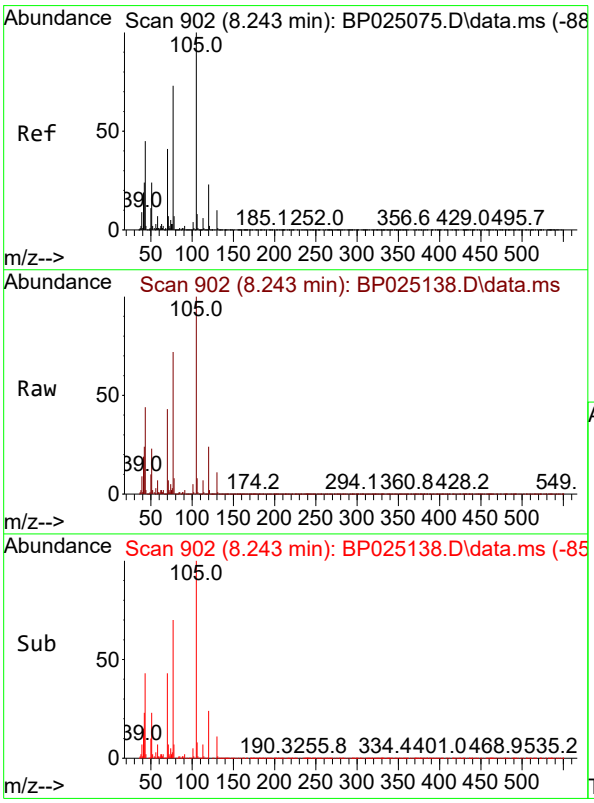
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1912691

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.5	5.4	8.2
68	5.5	4.5	6.7

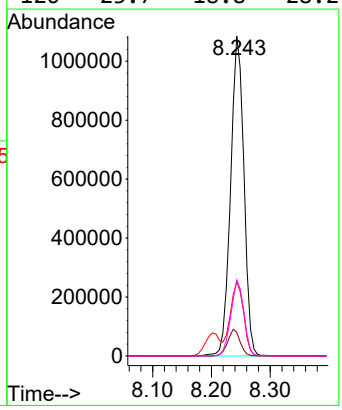


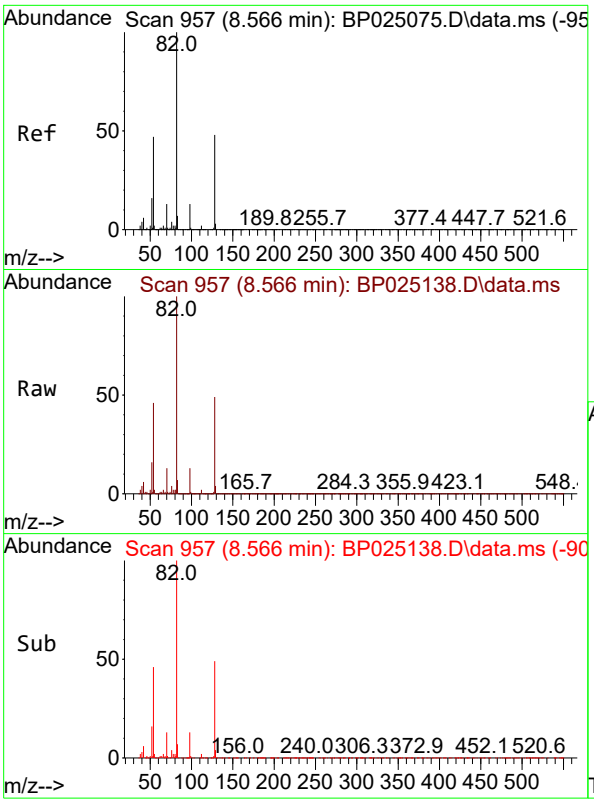


#22
Acetophenone
Concen: 37.829 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:105 Resp: 1711174

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.4	8.2
51	23.1	19.6	29.4
120	23.7	18.8	28.2



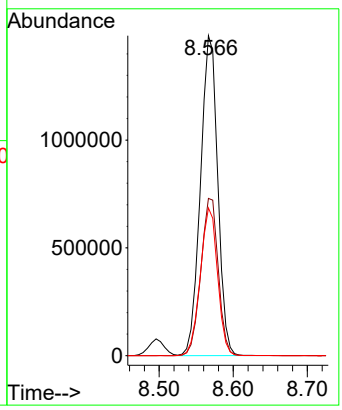


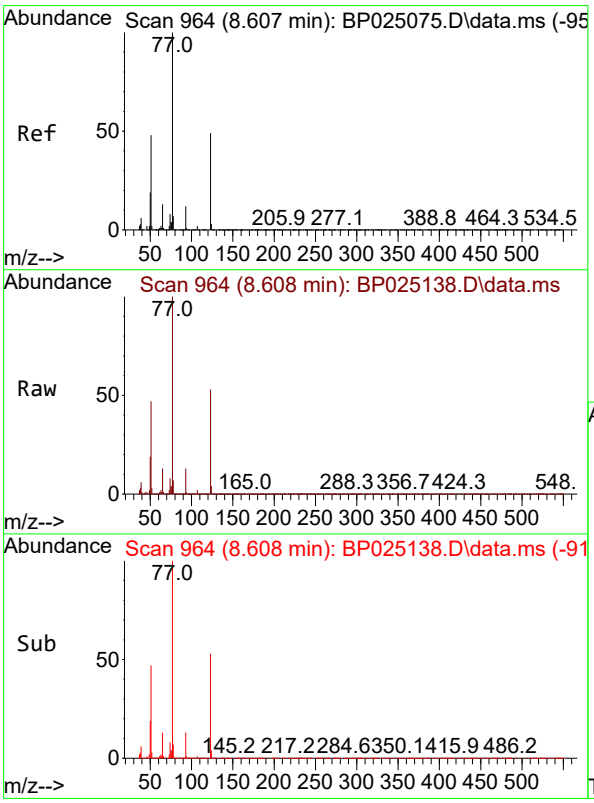
#23
Nitrobenzene-d5
Concen: 83.417 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2399082

Ion	Ratio	Lower	Upper
82	100		
128	49.1	38.4	57.6
54	46.1	37.8	56.6

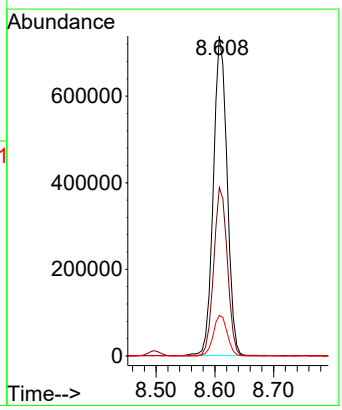


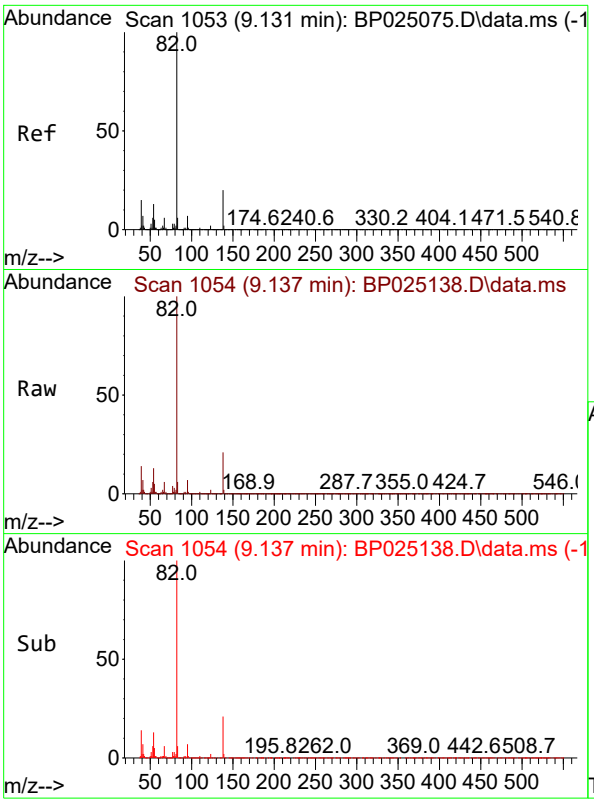


#24
Nitrobenzene
Concen: 40.744 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 77 Resp: 1193570

Ion	Ratio	Lower	Upper
77	100		
123	52.6	39.0	58.6
65	12.7	10.7	16.1



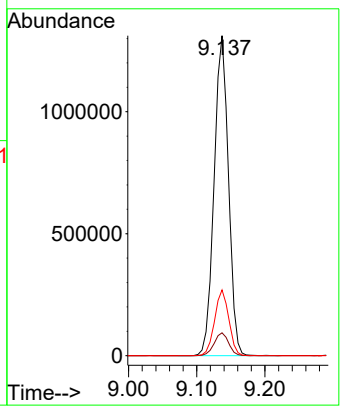


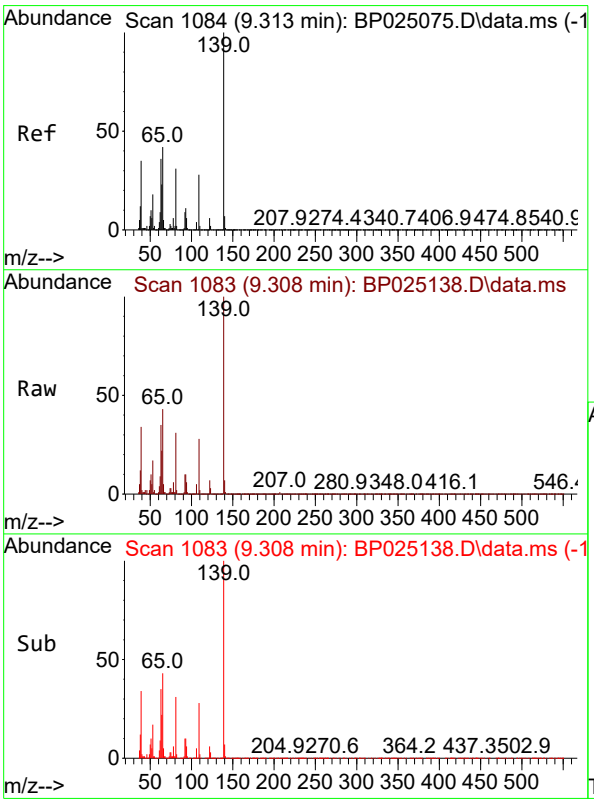
#25
Isophorone
Concen: 35.764 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1922190

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	20.6	15.7	23.5

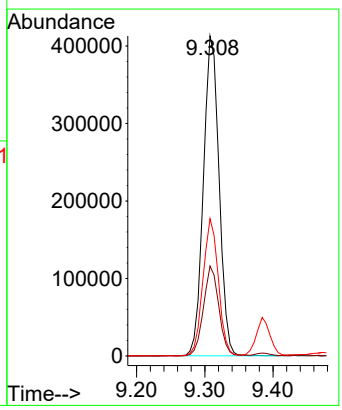


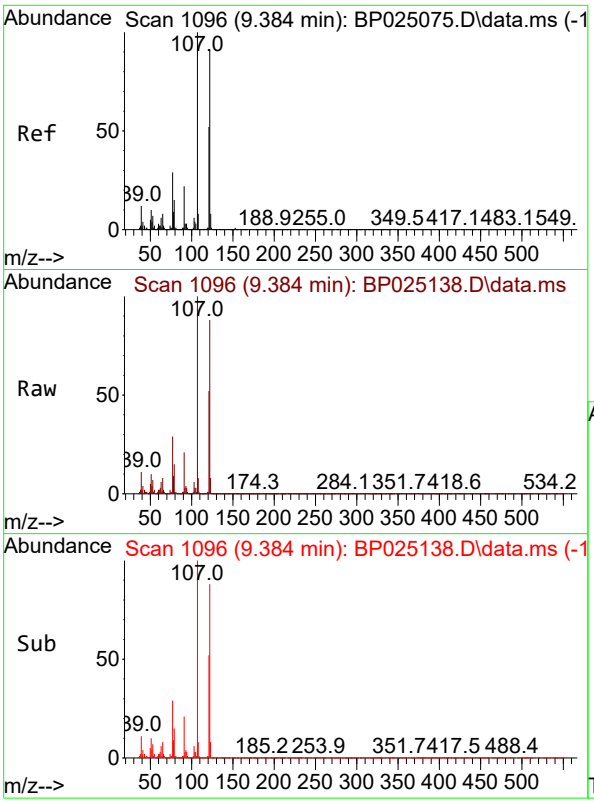


#26
2-Nitrophenol
Concen: 46.680 ng
RT: 9.308 min Scan# 1083
Delta R.T. -0.005 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:139 Resp: 662204

Ion	Ratio	Lower	Upper
139	100		
109	28.1	22.3	33.5
65	42.9	33.8	50.8



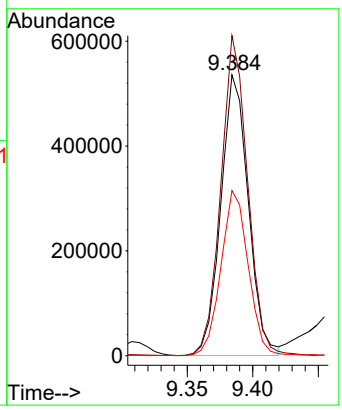


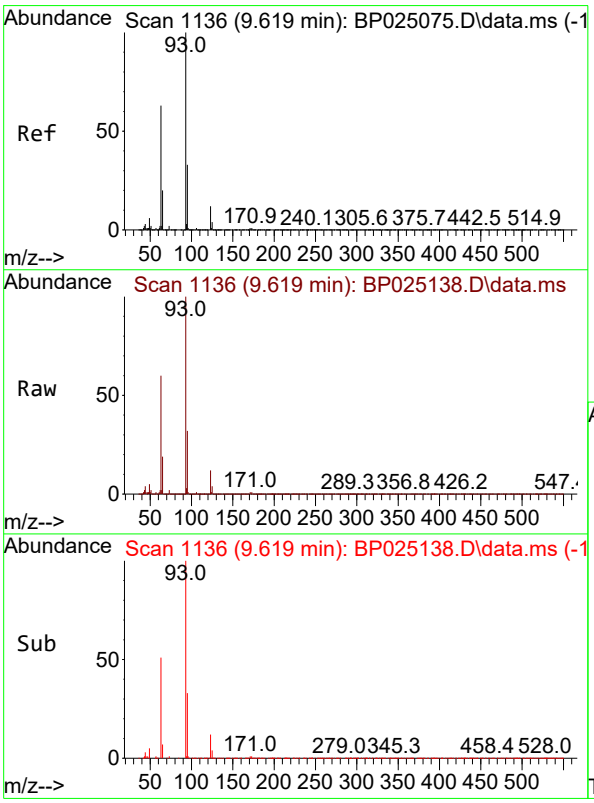
#27
2,4-Dimethylphenol
Concen: 38.901 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 779946

Ion	Ratio	Lower	Upper
122	100		
107	114.0	88.2	132.2
121	58.8	46.1	69.1

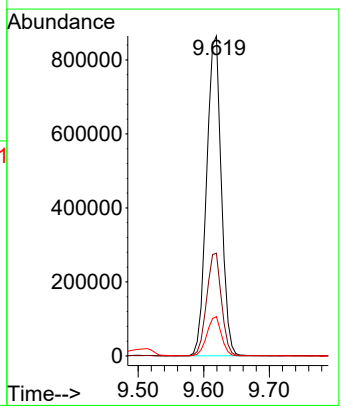


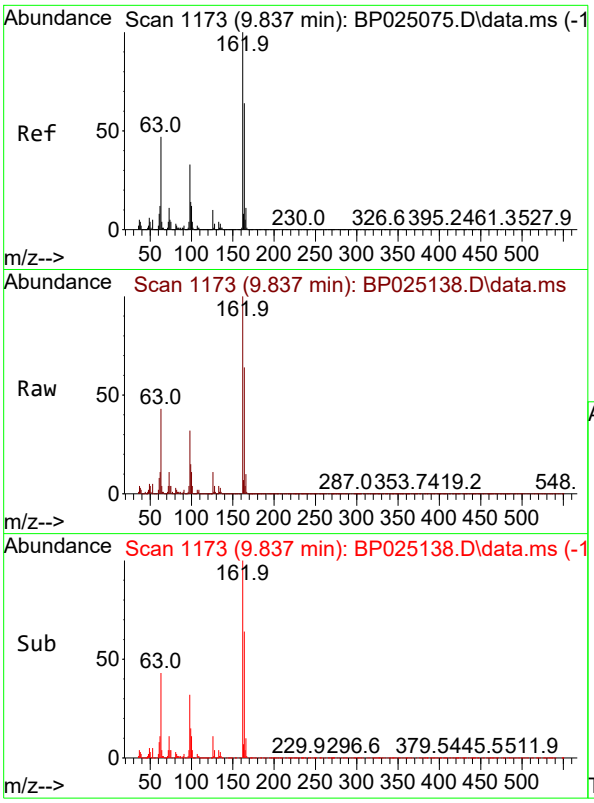


#28
bis(2-Chloroethoxy)methane
Concen: 36.998 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 93 Resp: 1350218

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.4	39.6
123	12.3	10.1	15.1



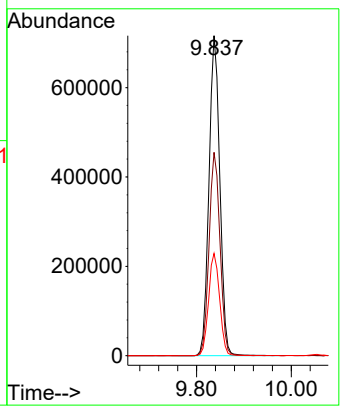


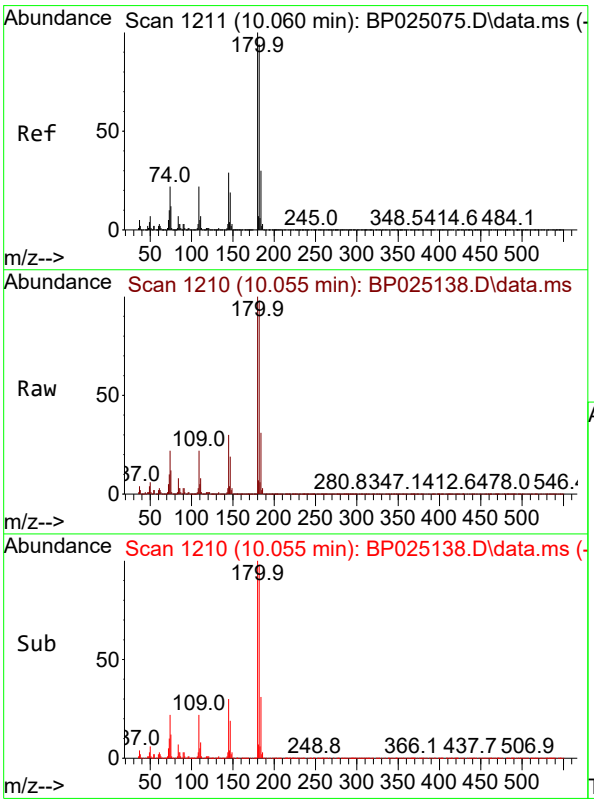
#29
2,4-Dichlorophenol
Concen: 40.964 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1138831

Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.1	84.1
98	32.0	13.1	53.1

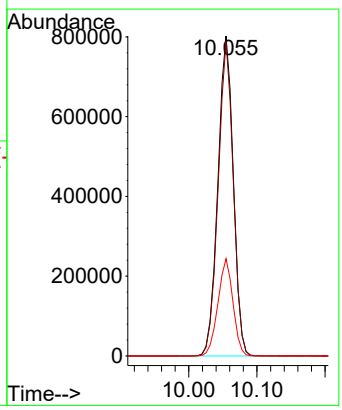


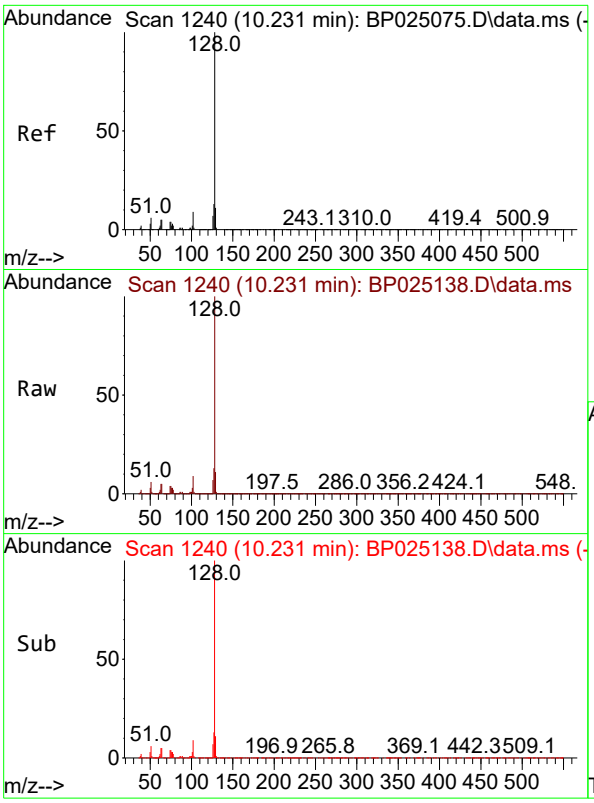


#30
1,2,4-Trichlorobenzene
Concen: 40.986 ng
RT: 10.055 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:180 Resp: 1261827

Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.1	112.7
145	30.4	23.3	34.9



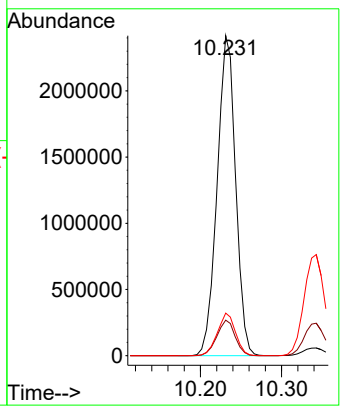


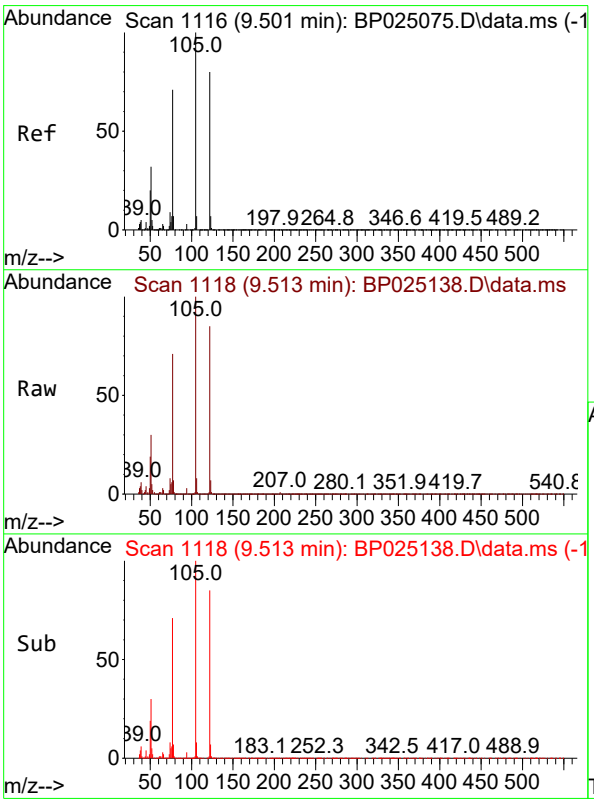
#31
Naphthalene
Concen: 38.856 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 3826840

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.3	10.4	15.6

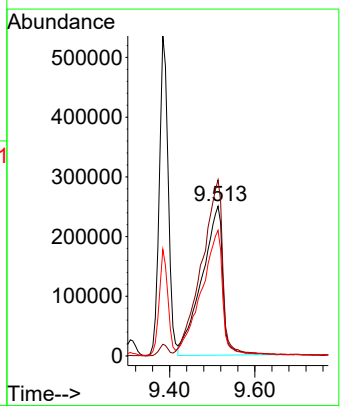


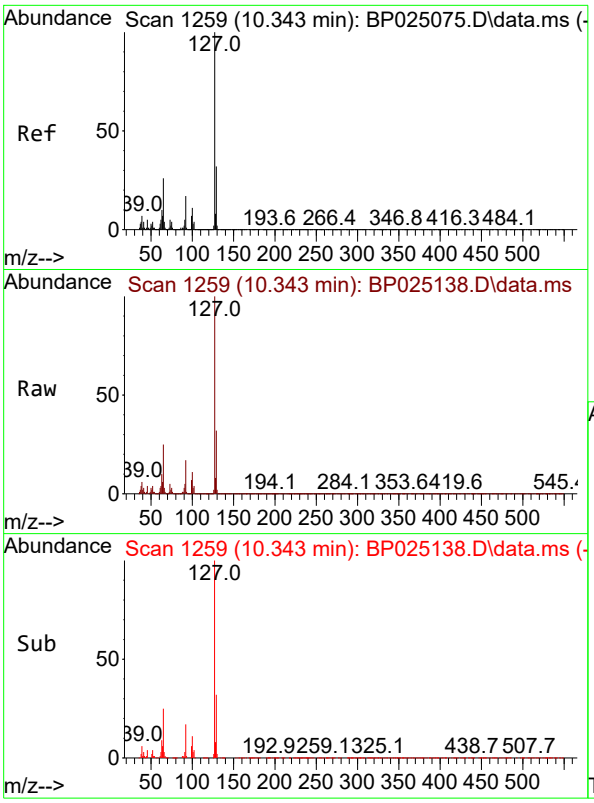


#32
Benzoic acid
Concen: 43.285 ng
RT: 9.513 min Scan# 1118
Delta R.T. 0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:122 Resp: 852968

Ion	Ratio	Lower	Upper
122	100		
105	117.6	101.0	141.0
77	83.8	67.6	107.6



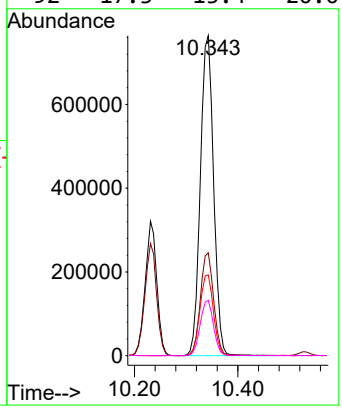


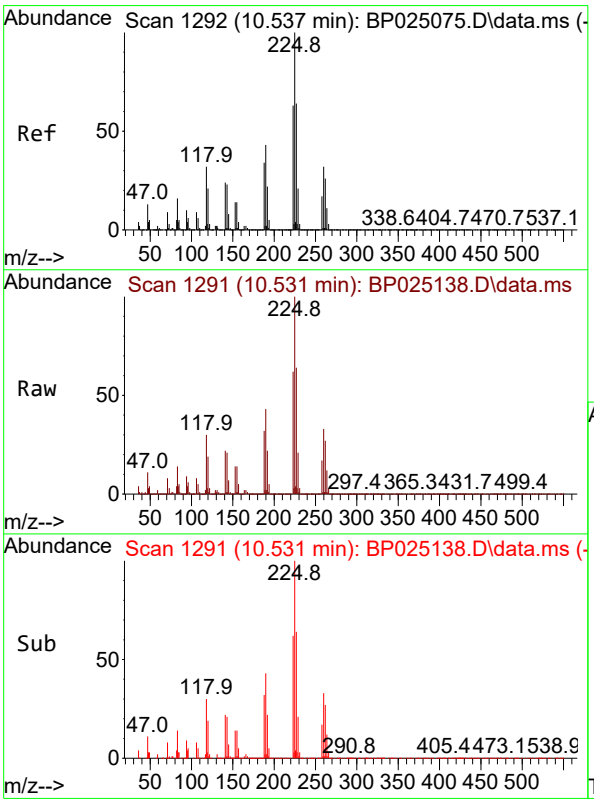
#33
4-Chloroaniline
Concen: 36.980 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1359199

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	25.3	21.0	31.6
92	17.3	13.4	20.0

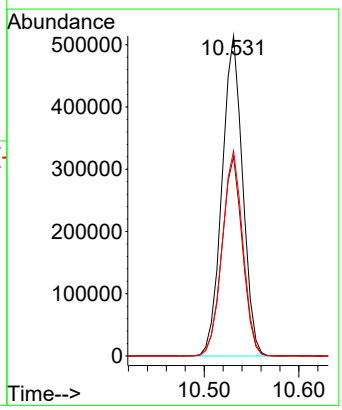


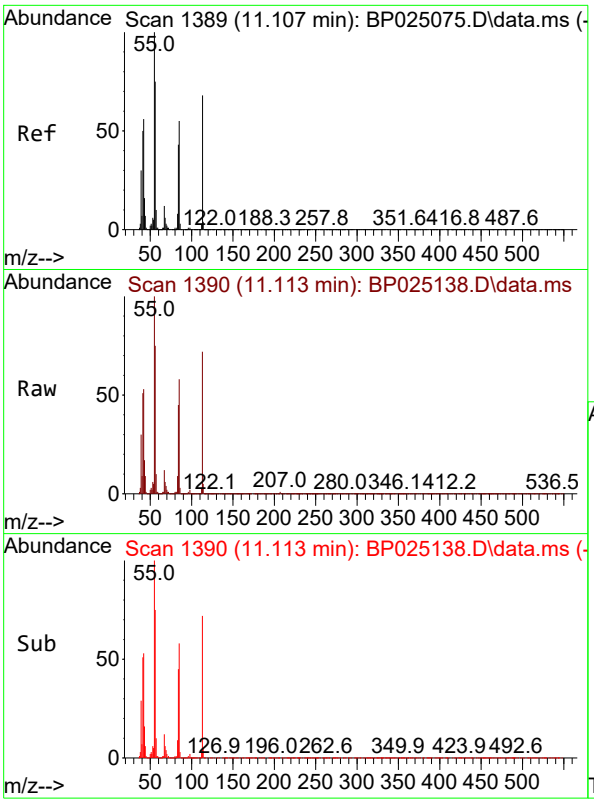


#34
Hexachlorobutadiene
Concen: 43.961 ng
RT: 10.531 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:225 Resp: 776668

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	64.1	51.3	76.9



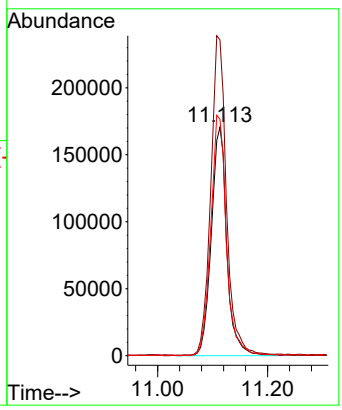


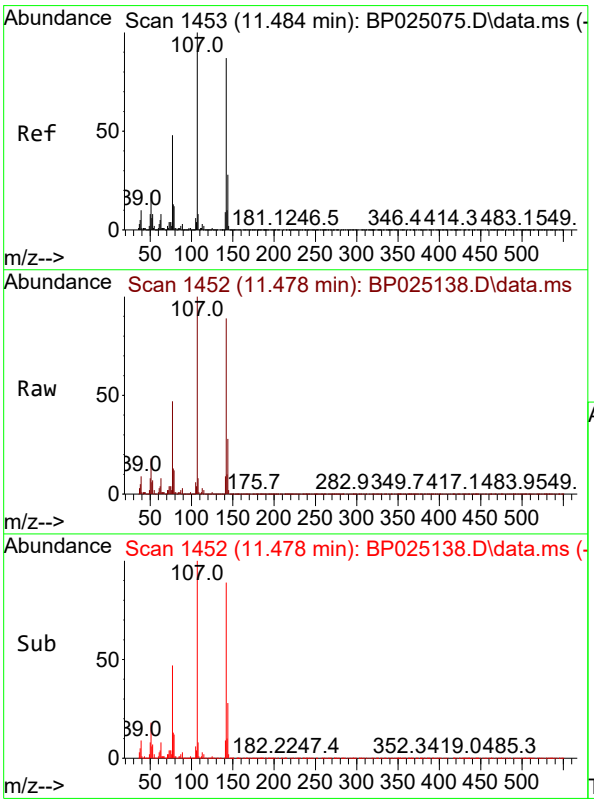
#35
Caprolactam
Concen: 35.063 ng
RT: 11.113 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 333474

Ion	Ratio	Lower	Upper
113	100		
55	138.3	128.1	168.1
56	103.5	90.7	130.7

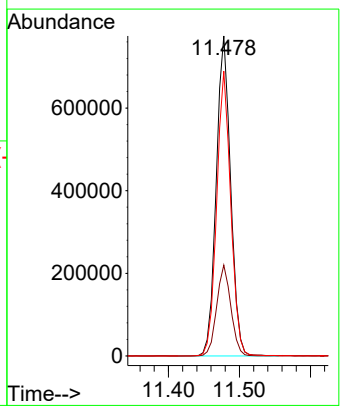


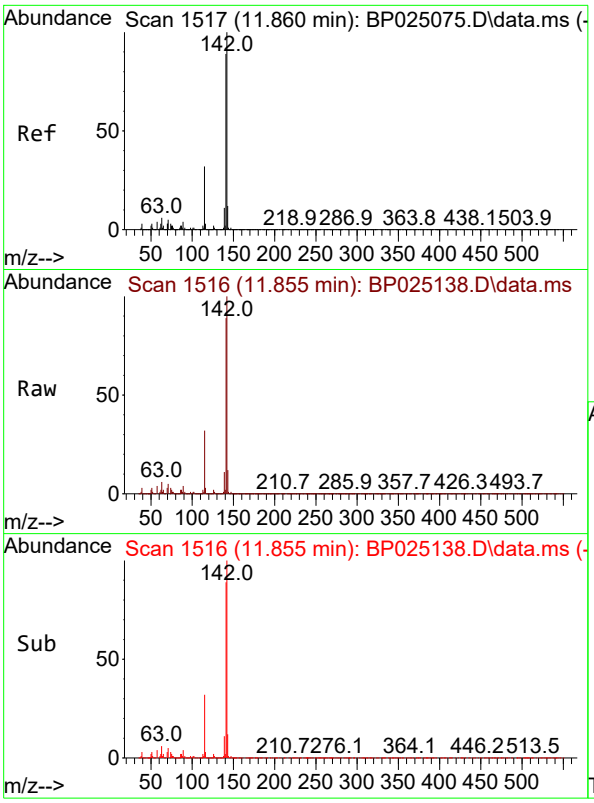


#36
4-Chloro-3-methylphenol
Concen: 37.255 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:107 Resp: 1082330

Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.4	33.6
142	89.0	69.6	104.4



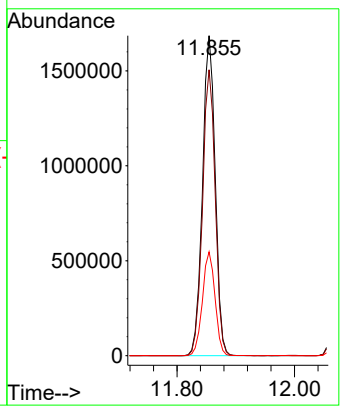


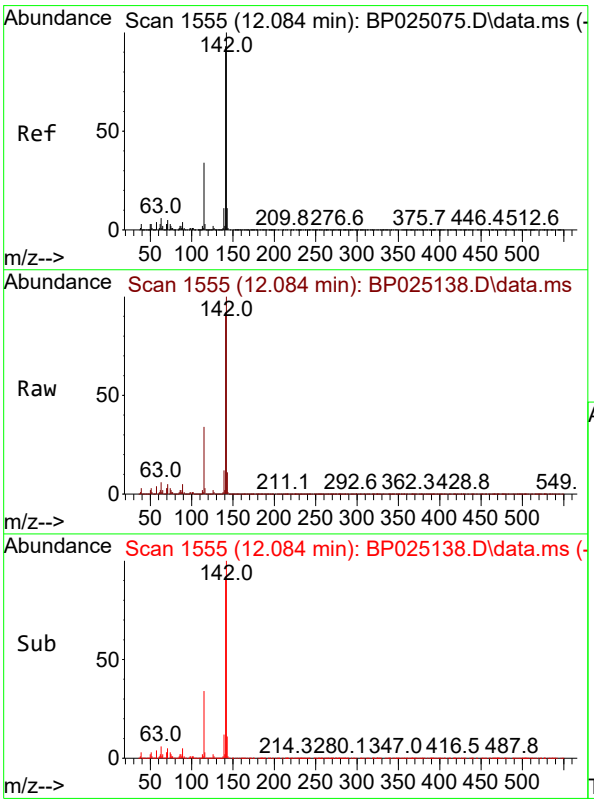
#37
2-Methylnaphthalene
Concen: 36.398 ng
RT: 11.855 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 2529303

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8
115	32.5	25.9	38.9

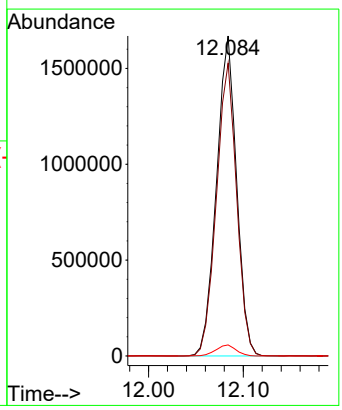


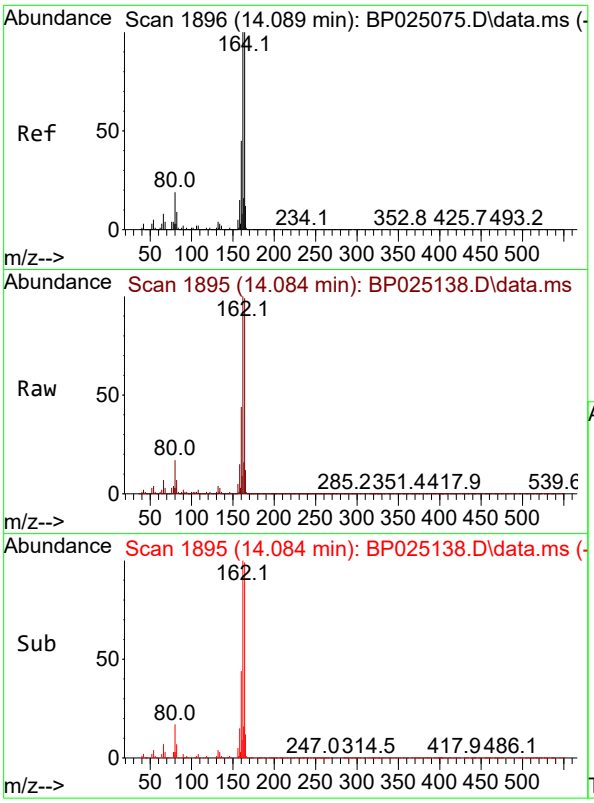


#38
1-Methylnaphthalene
Concen: 36.317 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:142 Resp: 2461306

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.1	111.1
116	3.5	2.7	4.1



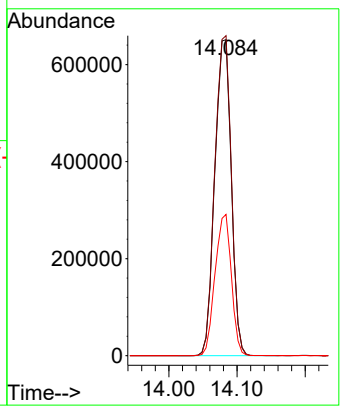


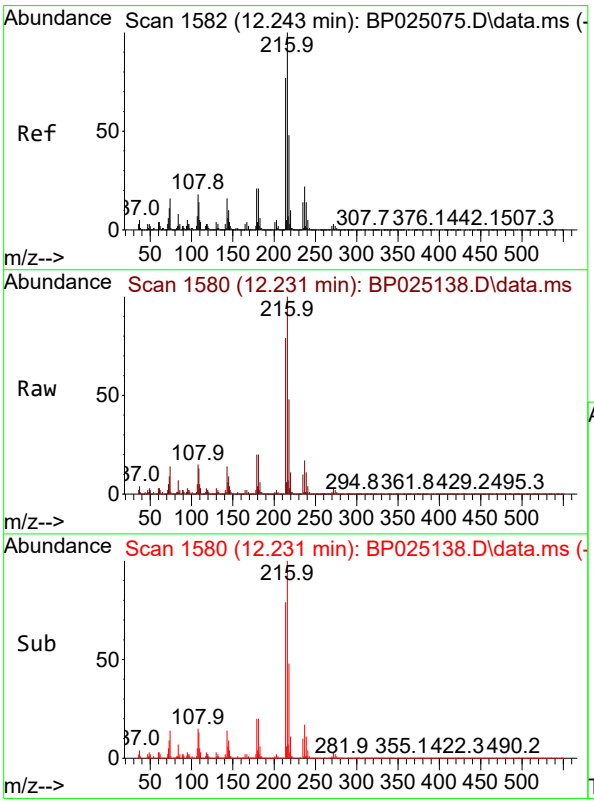
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 1092262

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.3	120.5
160	44.7	35.9	53.9

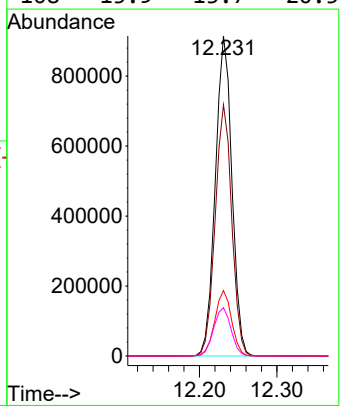


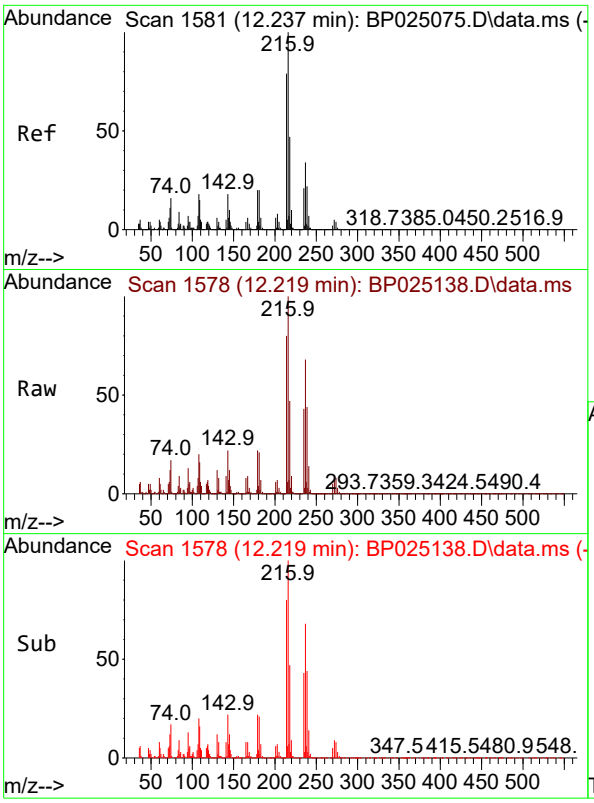


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.282 ng
RT: 12.231 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:216 Resp: 1358686

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.6	16.5	24.7
108	15.9	13.7	20.5



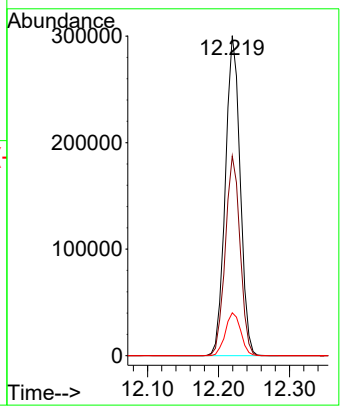


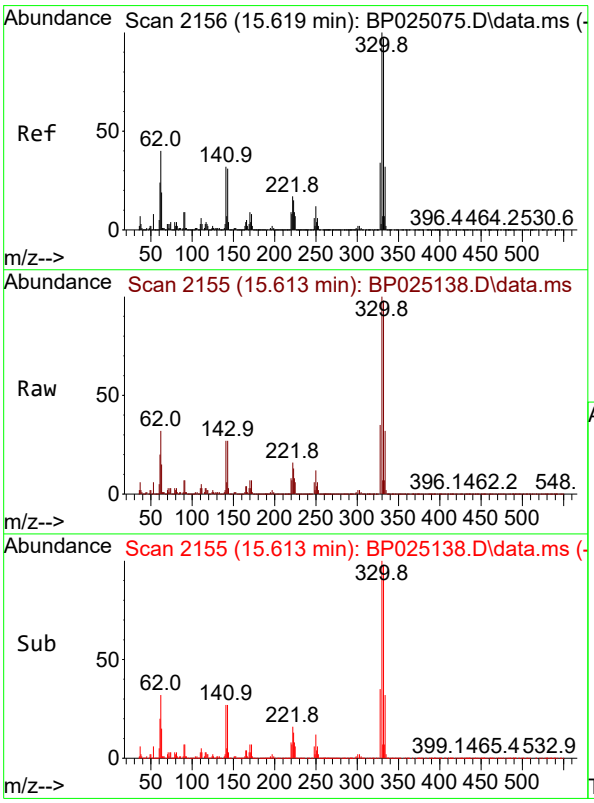
#41
Hexachlorocyclopentadiene
Concen: 52.790 ng
RT: 12.219 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 432854

Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.6	81.6
272	13.4	0.0	33.6

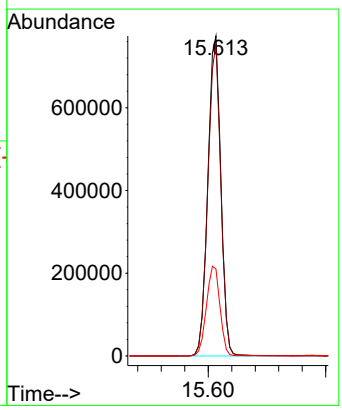


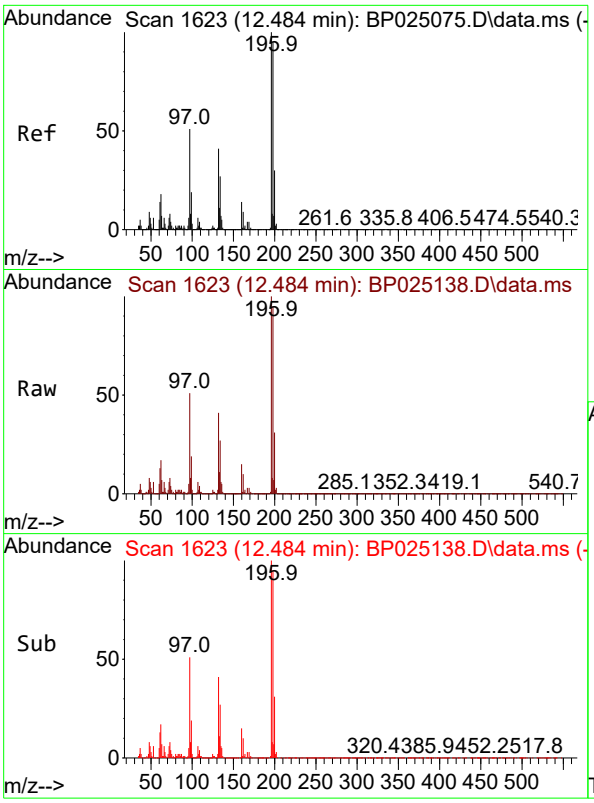


#42
2,4,6-Tribromophenol
Concen: 91.937 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:330 Resp: 1186292

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	29.1	26.0	39.0



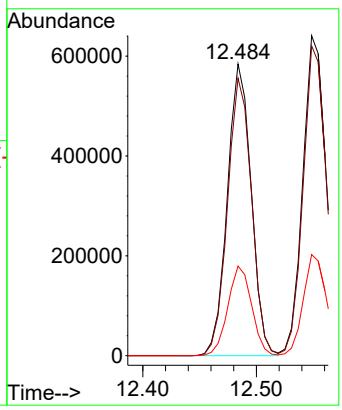


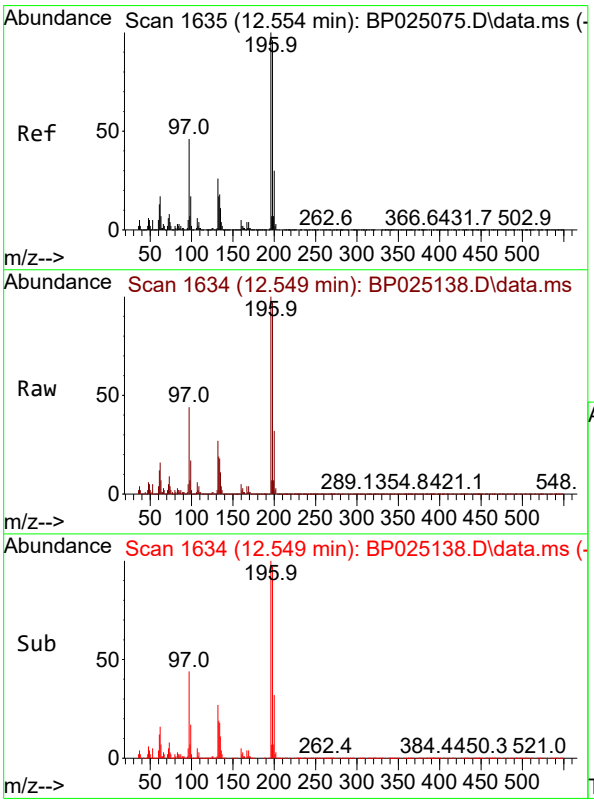
#43
2,4,6-Trichlorophenol
Concen: 44.935 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 854124

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.2	114.2
200	30.7	24.3	36.5

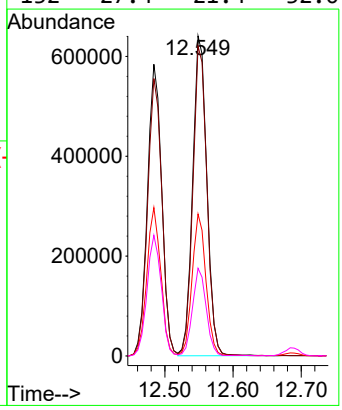


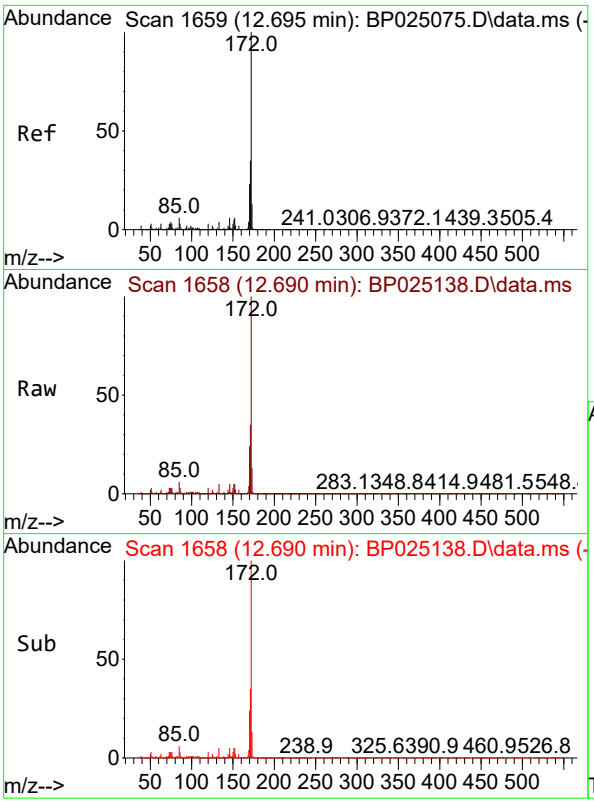


#44
2,4,5-Trichlorophenol
Concen: 42.884 ng
RT: 12.549 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:196 Resp: 923802

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.6	115.0
97	44.4	36.6	55.0
132	27.4	21.4	32.0



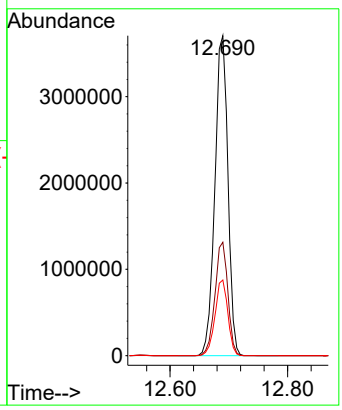


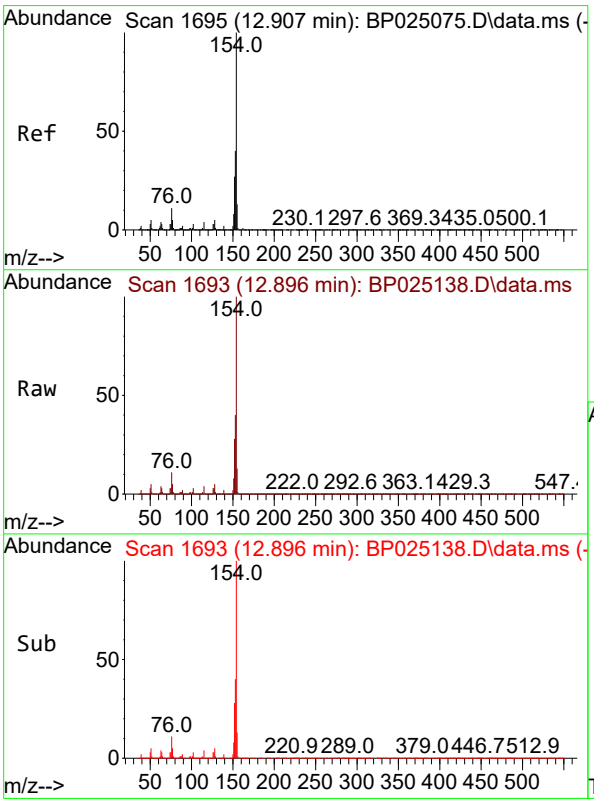
#45
2-Fluorobiphenyl
Concen: 80.788 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 5696052

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.6	18.7	28.1

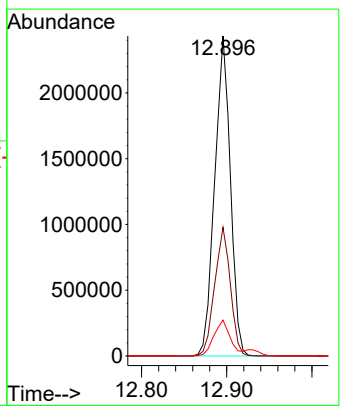


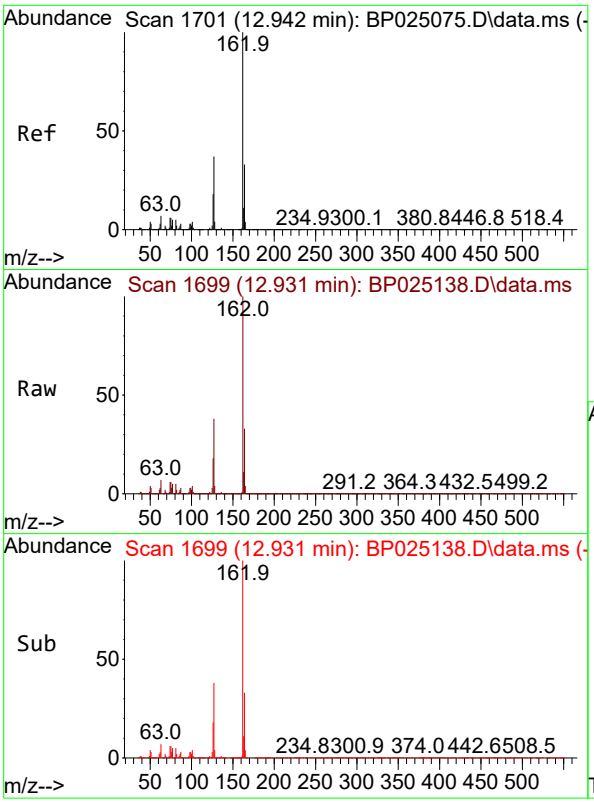


#46
1,1'-Biphenyl
Concen: 39.244 ng
RT: 12.896 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:154 Resp: 3118784

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	11.2	0.0	31.5



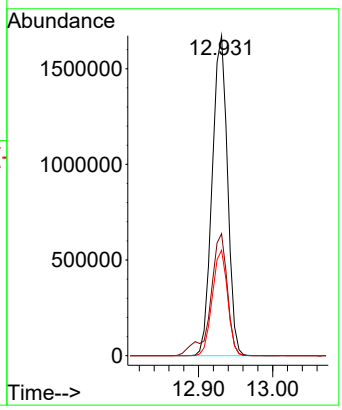


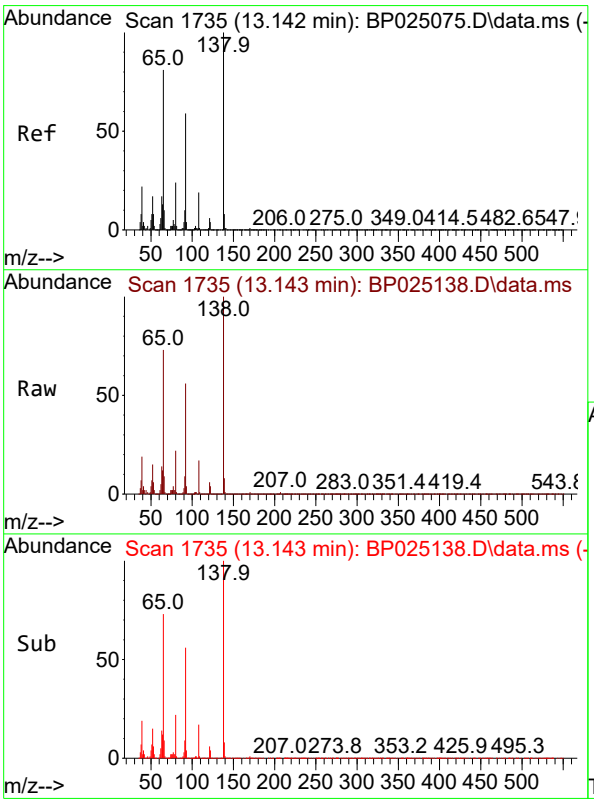
#47
2-Chloronaphthalene
Concen: 40.116 ng
RT: 12.931 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 2396183

Ion	Ratio	Lower	Upper
162	100		
127	38.1	29.4	44.2
164	33.0	26.4	39.6

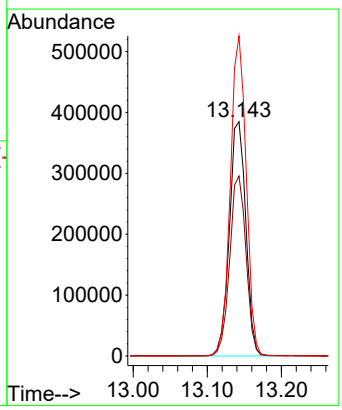


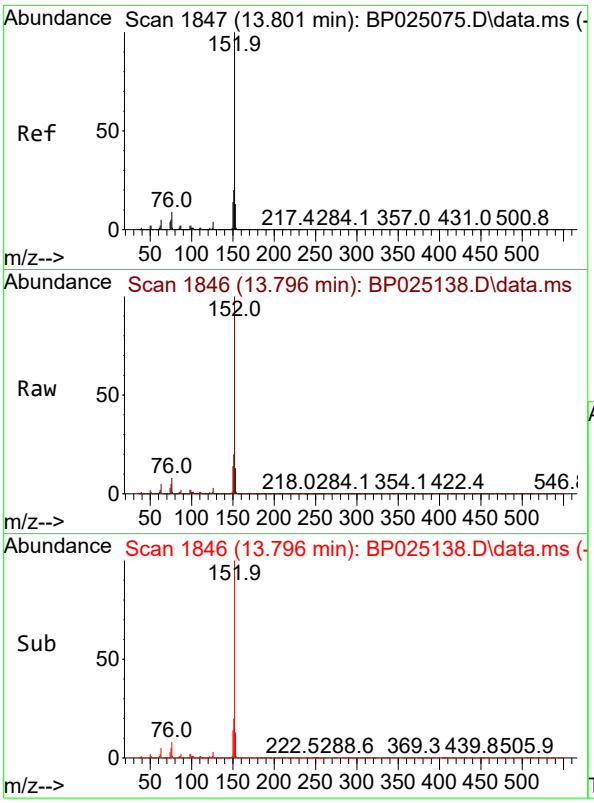


#48
2-Nitroaniline
Concen: 41.005 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion: 65 Resp: 593729

Ion	Ratio	Lower	Upper
65	100		
92	76.8	58.7	88.1
138	136.6	99.0	148.4



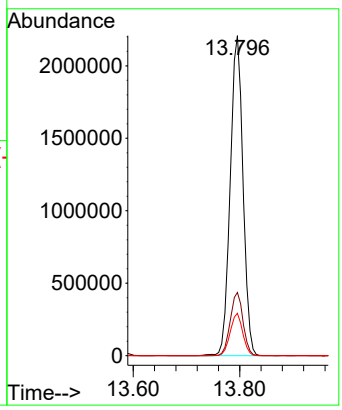


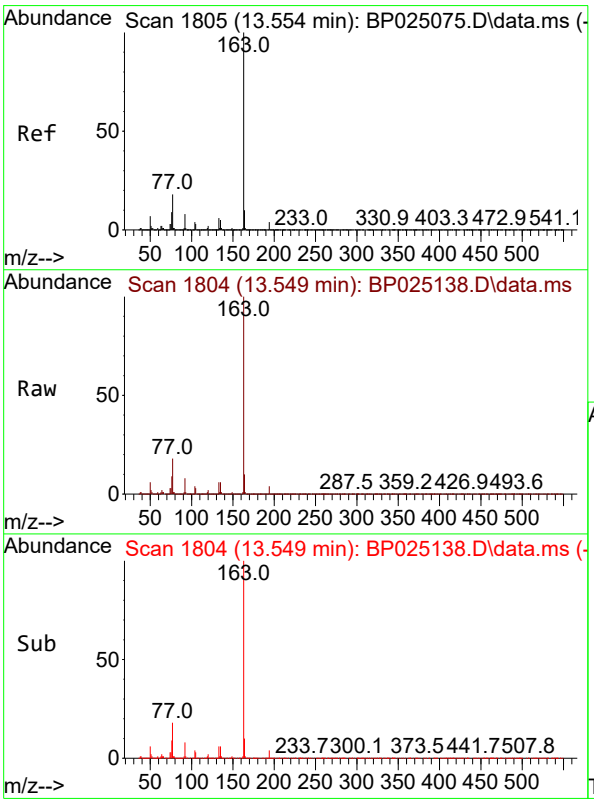
#49
Acenaphthylene
Concen: 40.232 ng
RT: 13.796 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 3678070

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.2	10.7	16.1

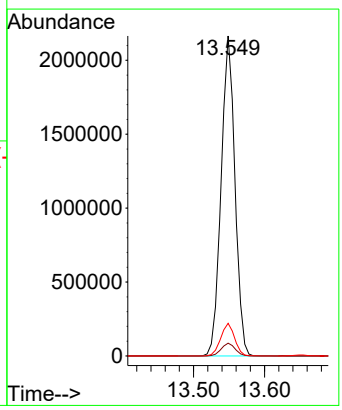


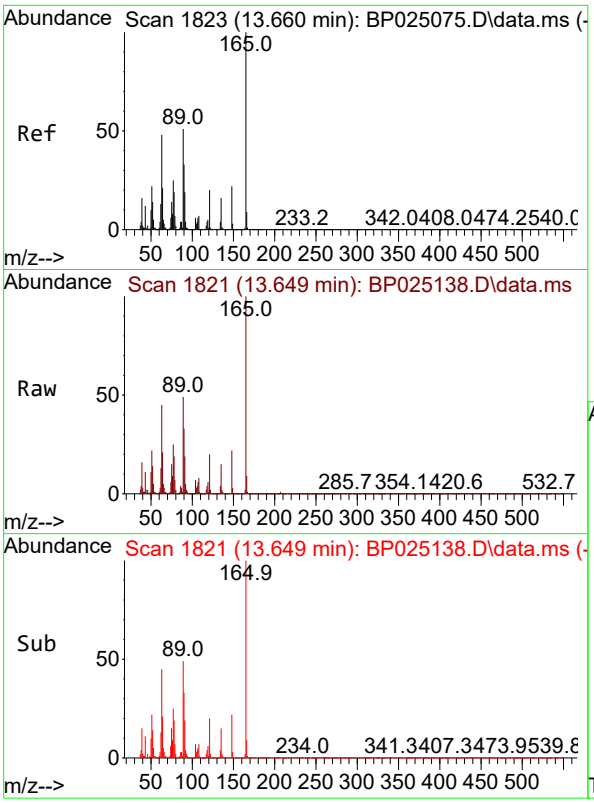


#50
Dimethylphthalate
Concen: 38.107 ng
RT: 13.549 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:163 Resp: 2913588

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.0	12.0



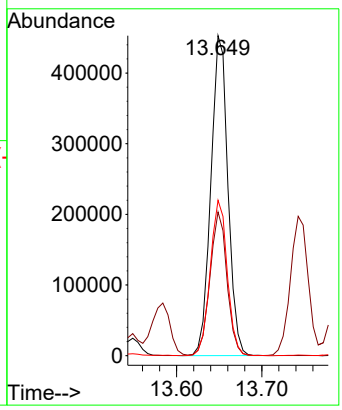


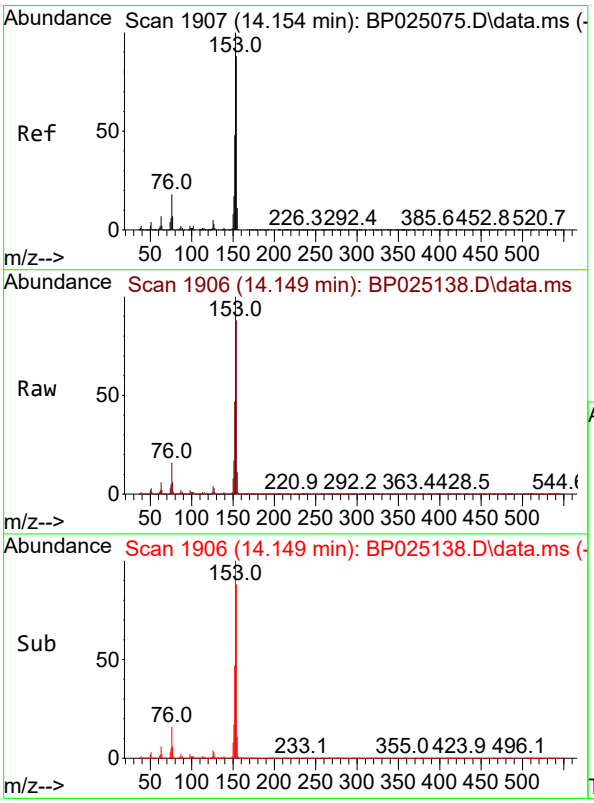
#51
2,6-Dinitrotoluene
Concen: 42.281 ng
RT: 13.649 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 630484

Ion	Ratio	Lower	Upper
165	100		
63	44.9	38.5	57.7
89	48.6	40.6	61.0

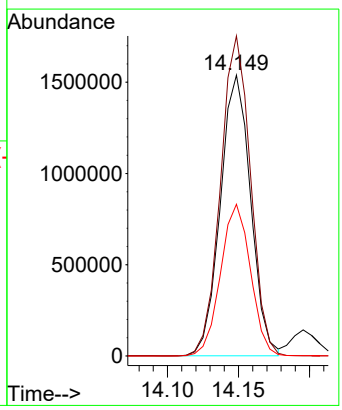


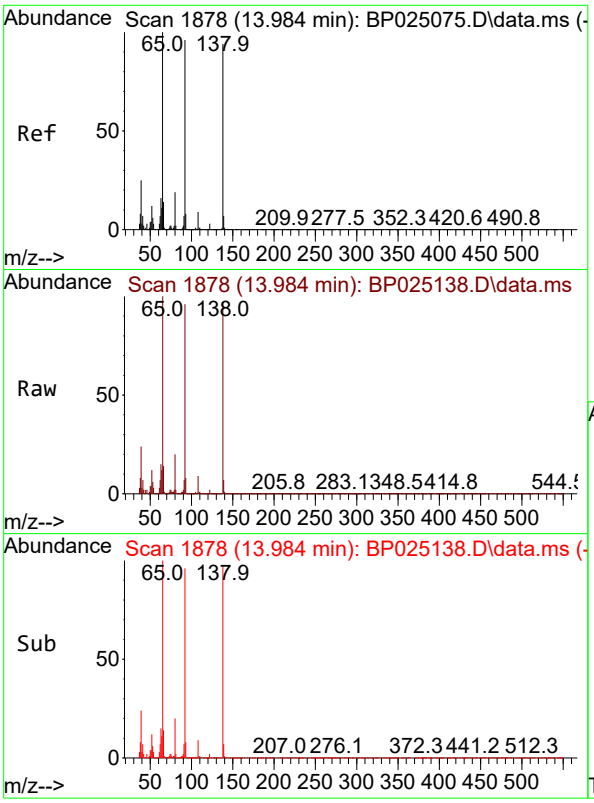


#52
Acenaphthene
Concen: 38.757 ng
RT: 14.149 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:154 Resp: 2283738

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.6	136.0
152	54.0	43.8	65.8



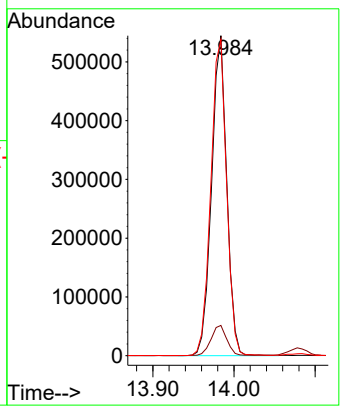


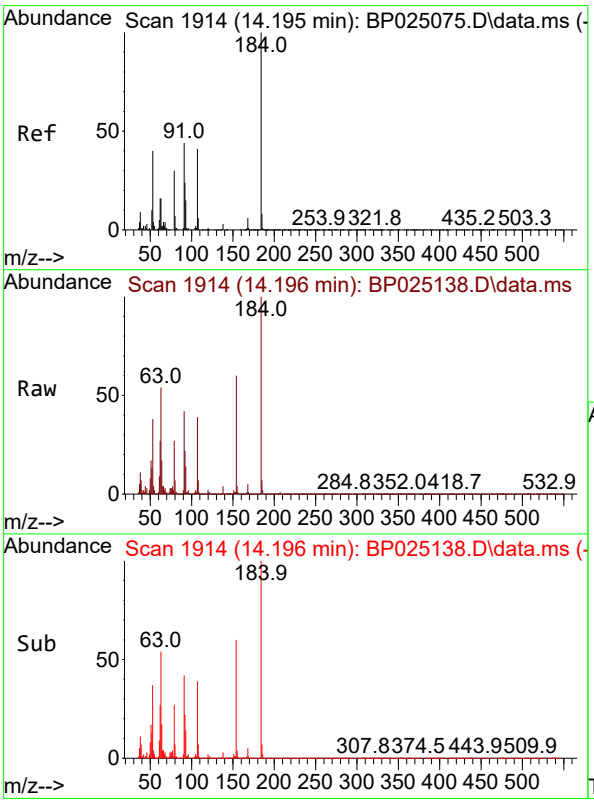
#53
3-Nitroaniline
Concen: 44.113 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 704959

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.8
92	98.8	81.0	121.4

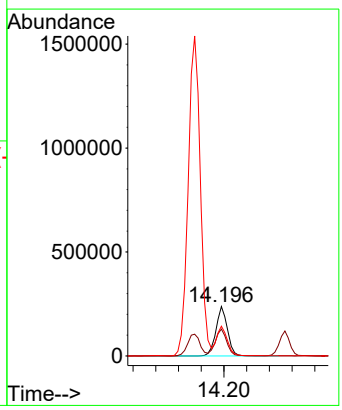


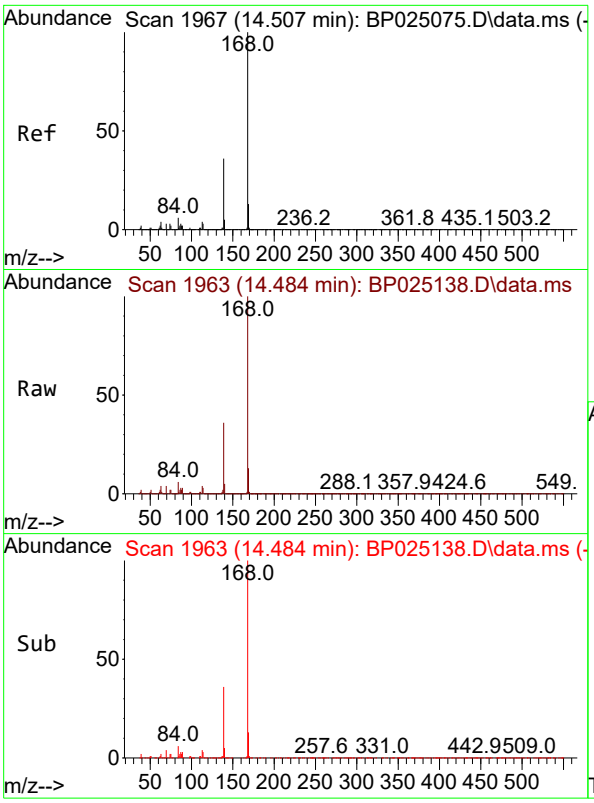


#54
2,4-Dinitrophenol
Concen: 48.071 ng
RT: 14.196 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:184 Resp: 333533

Ion	Ratio	Lower	Upper
184	100		
63	54.4	47.4	71.0
154	60.2	47.8	71.8



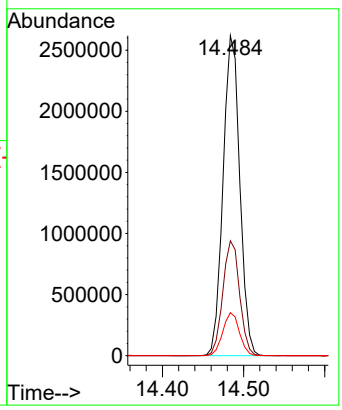


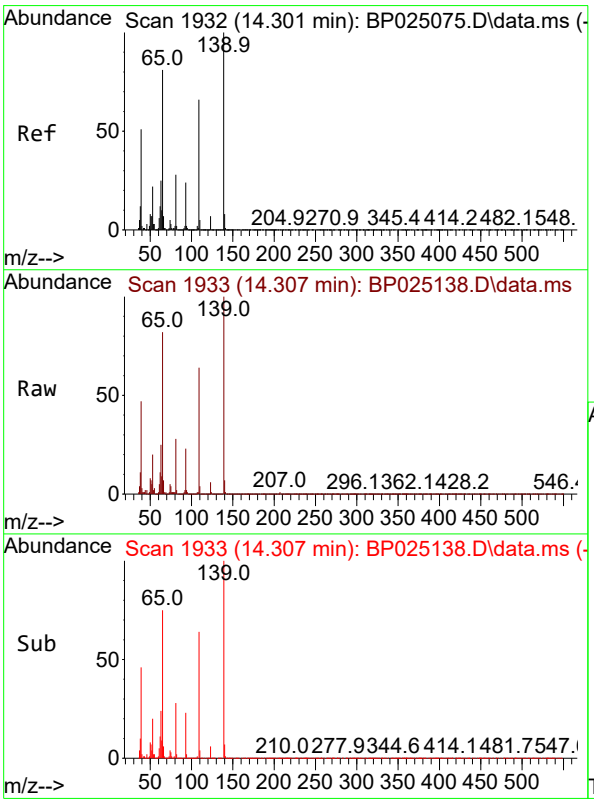
#55
Dibenzofuran
Concen: 38.580 ng
RT: 14.484 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 3751617

Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.6	43.0
169	13.4	10.7	16.1

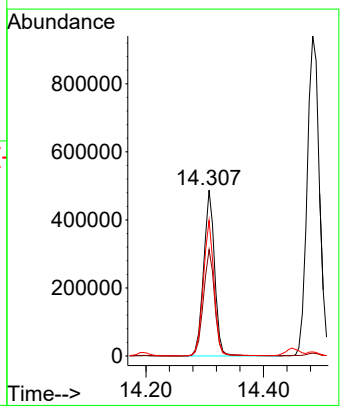


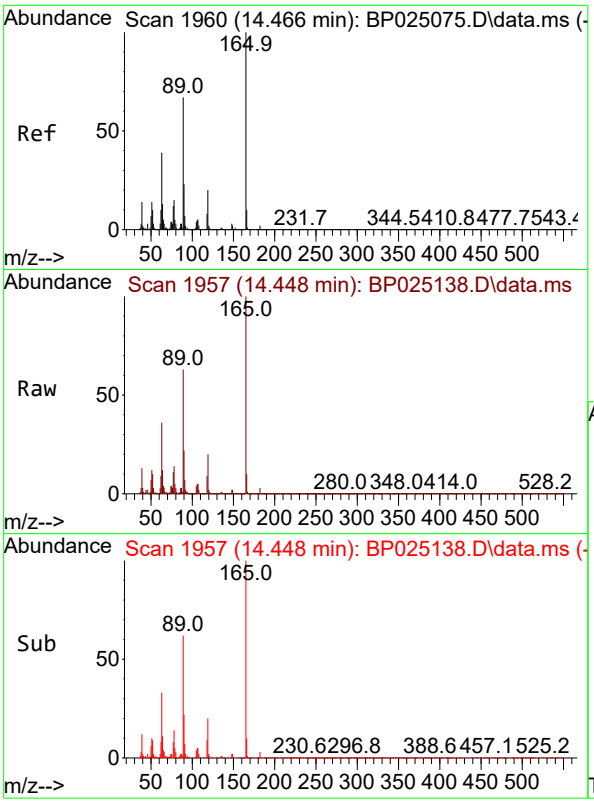


#56
4-Nitrophenol
Concen: 42.791 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:139 Resp: 631062

Ion	Ratio	Lower	Upper
139	100		
109	64.2	45.9	85.9
65	81.8	61.4	101.4



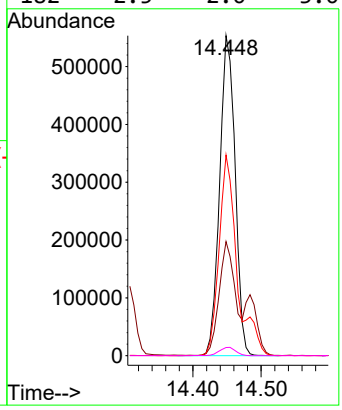


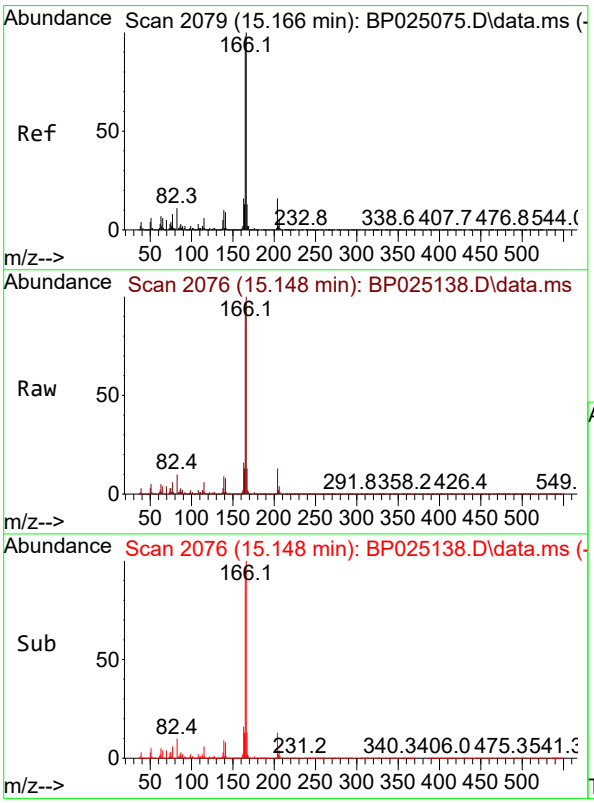
#57
2,4-Dinitrotoluene
Concen: 40.419 ng
RT: 14.448 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 874922

Ion	Ratio	Lower	Upper
165	100		
63	35.7	31.0	46.4
89	62.7	53.4	80.0
182	2.5	2.0	3.0

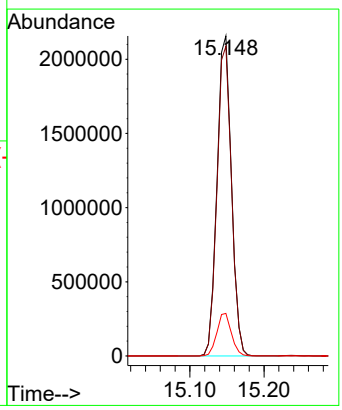


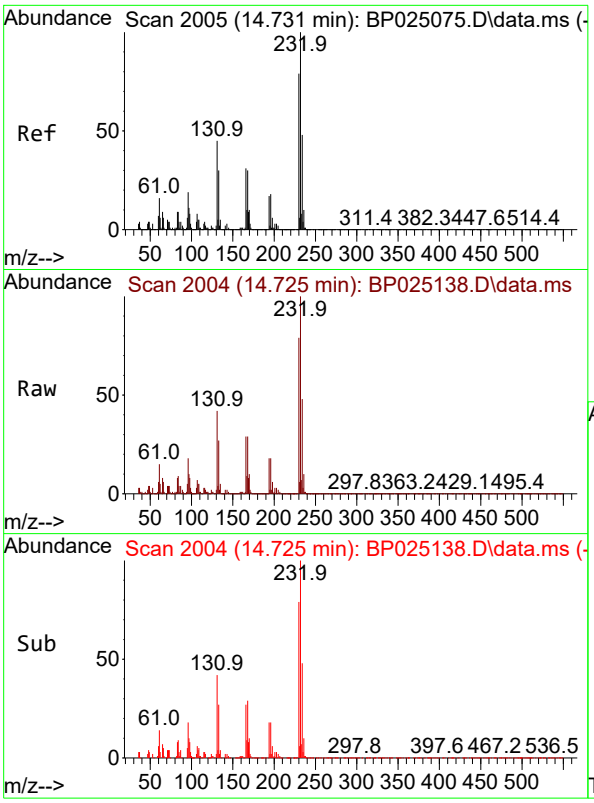


#58
Fluorene
Concen: 38.684 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:166 Resp: 2909661

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.6	117.8
167	13.3	10.7	16.1



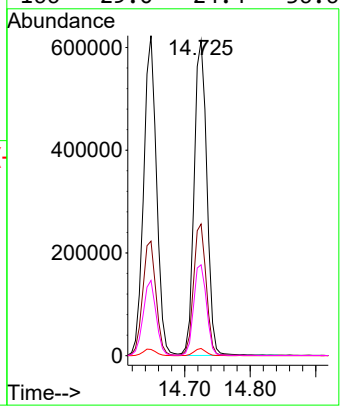


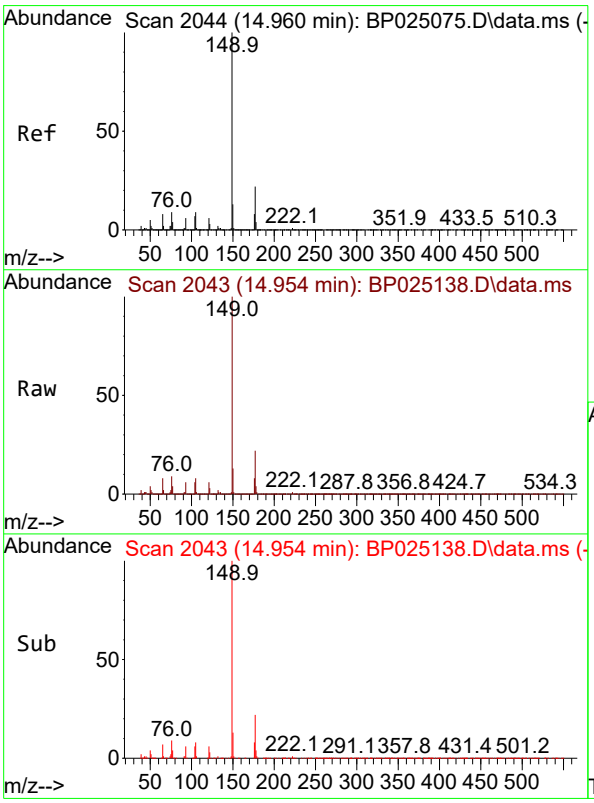
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.379 ng
RT: 14.725 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 826703

Ion	Ratio	Lower	Upper
232	100		
131	41.5	35.7	53.5
130	2.2	1.8	2.6
166	29.0	24.4	36.6

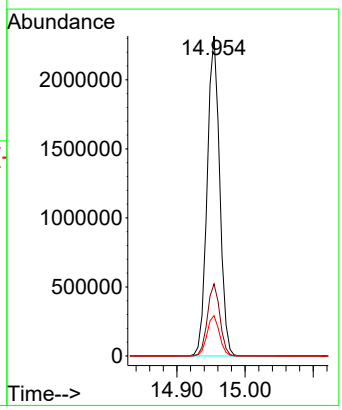


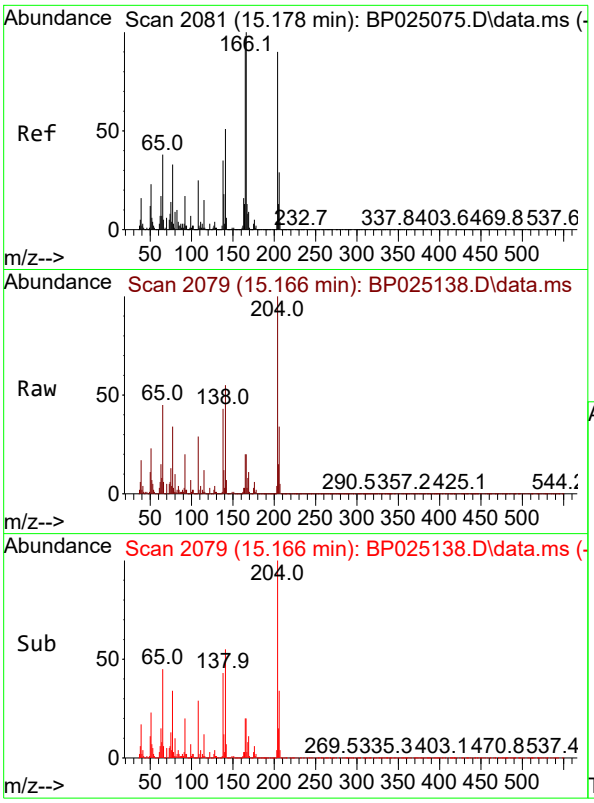


#60
Diethylphthalate
Concen: 38.337 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:149 Resp: 2944042

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.8	26.8
150	12.6	10.2	15.2



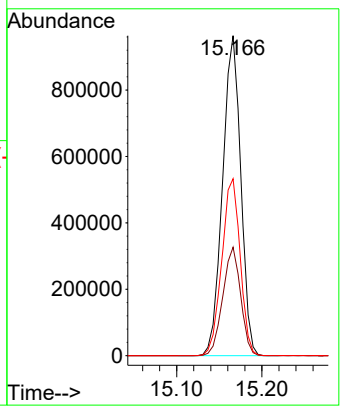


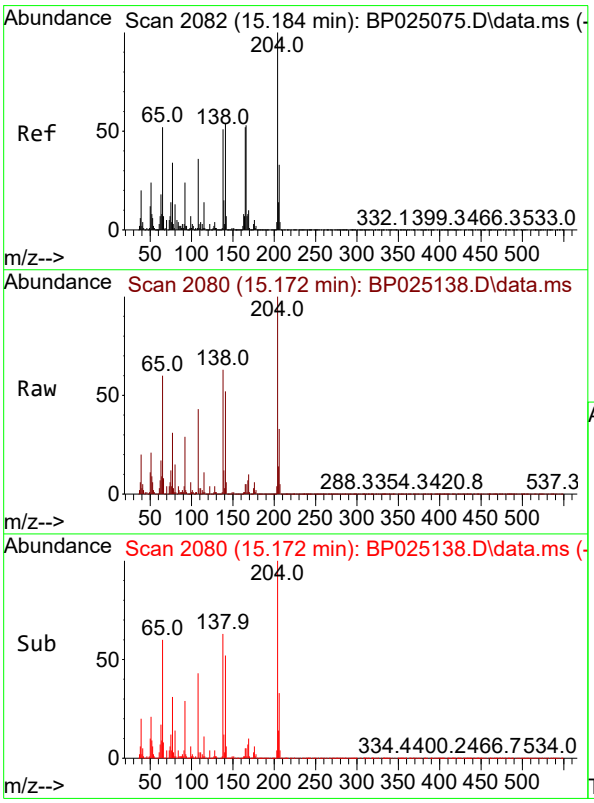
#61
4-Chlorophenyl-phenylether
Concen: 38.415 ng
RT: 15.166 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1429908

Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.8	38.6
141	55.3	45.1	67.7

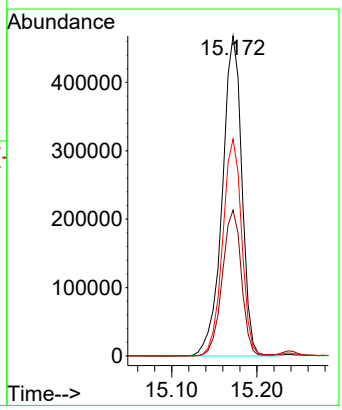


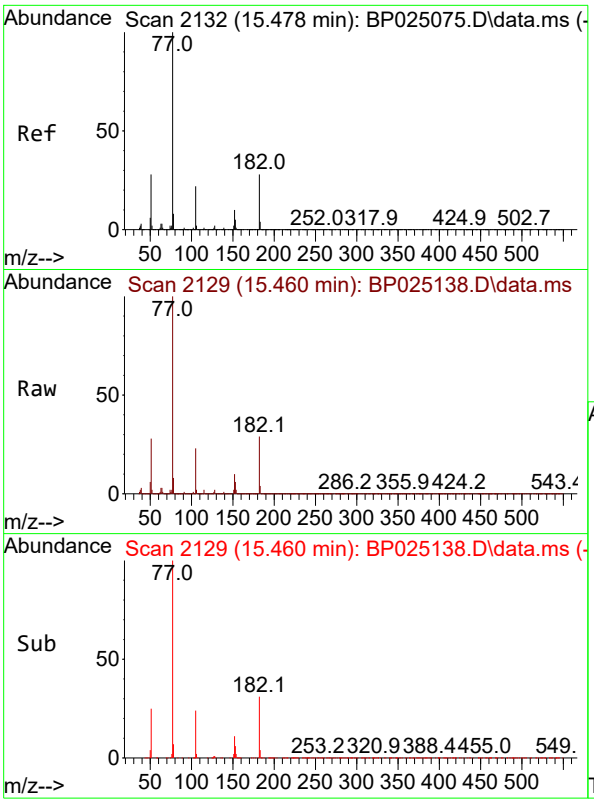


#62
4-Nitroaniline
Concen: 44.603 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:138 Resp: 747413

Ion	Ratio	Lower	Upper
138	100		
92	45.6	26.0	66.0
108	67.8	50.0	90.0



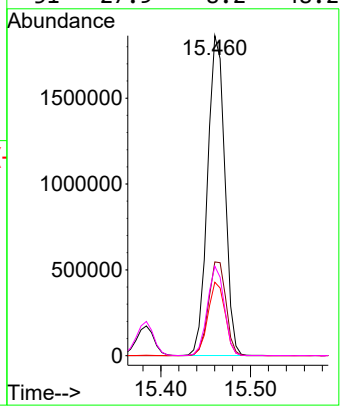


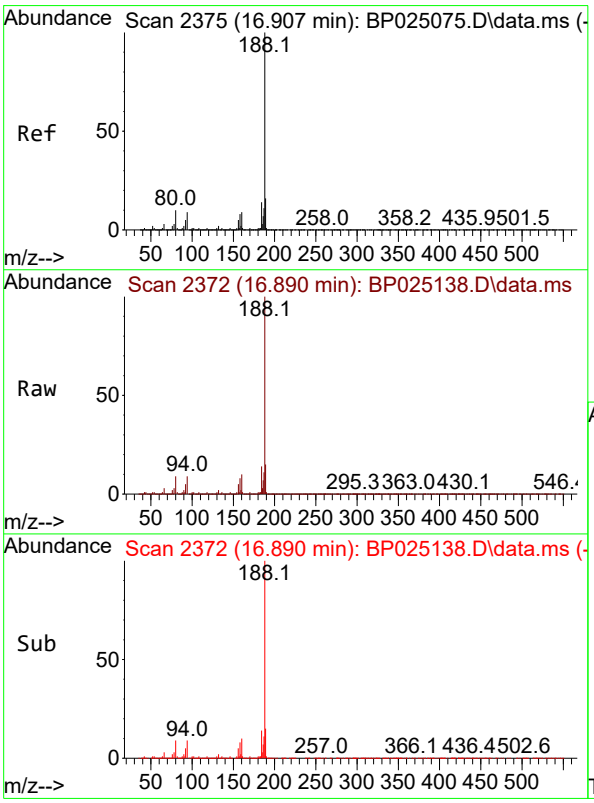
#63
Azobenzene
Concen: 36.313 ng
RT: 15.460 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2483159

Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.7	47.7
105	23.0	1.9	41.9
51	27.9	8.2	48.2

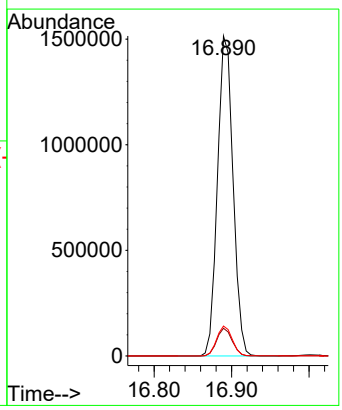


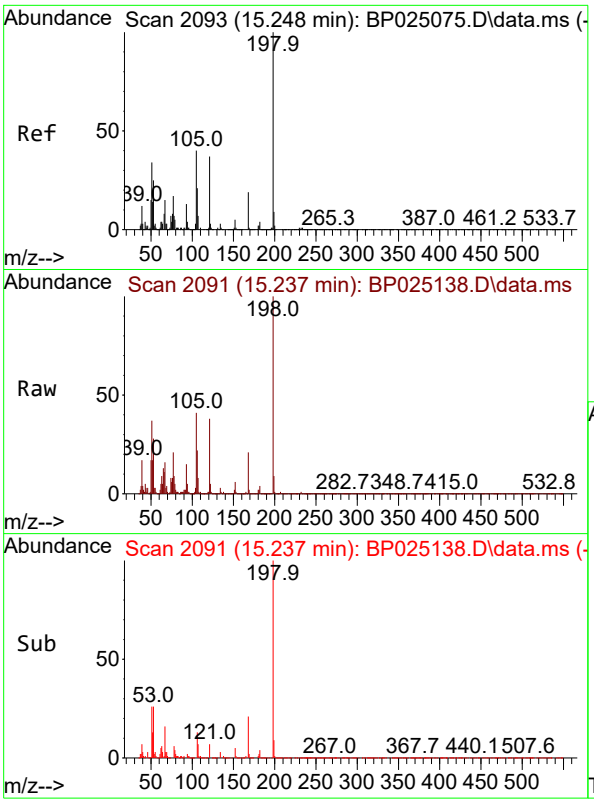


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.890 min Scan# 2372
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:188 Resp: 2112947

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.4	7.8	11.6



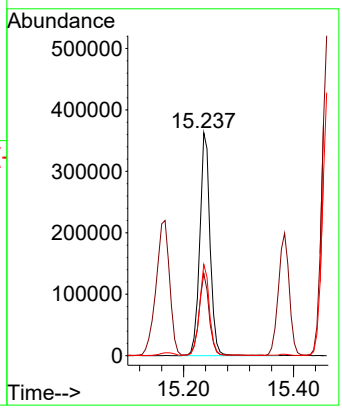


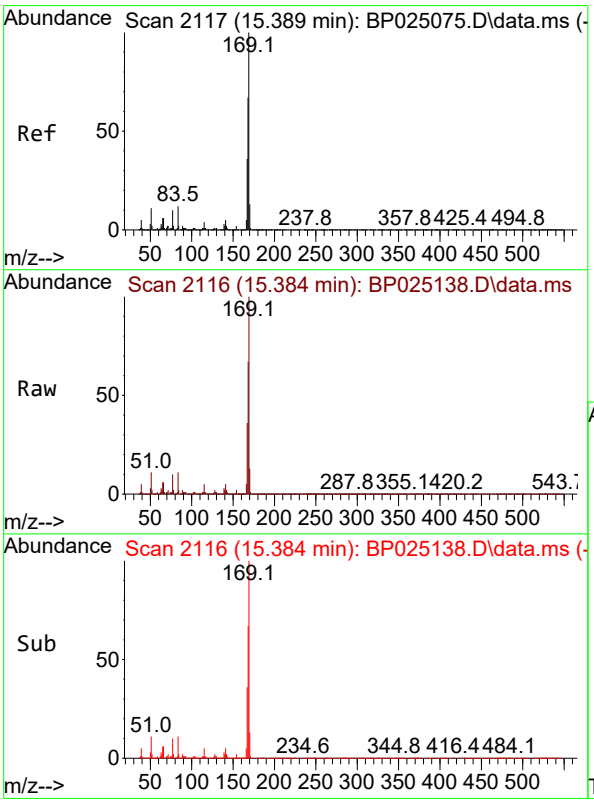
#65
4,6-Dinitro-2-methylphenol
Concen: 48.858 ng
RT: 15.237 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 470864

Ion	Ratio	Lower	Upper
198	100		
51	36.9	16.8	56.8
105	40.9	20.8	60.8

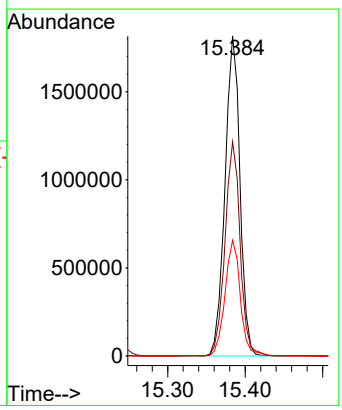


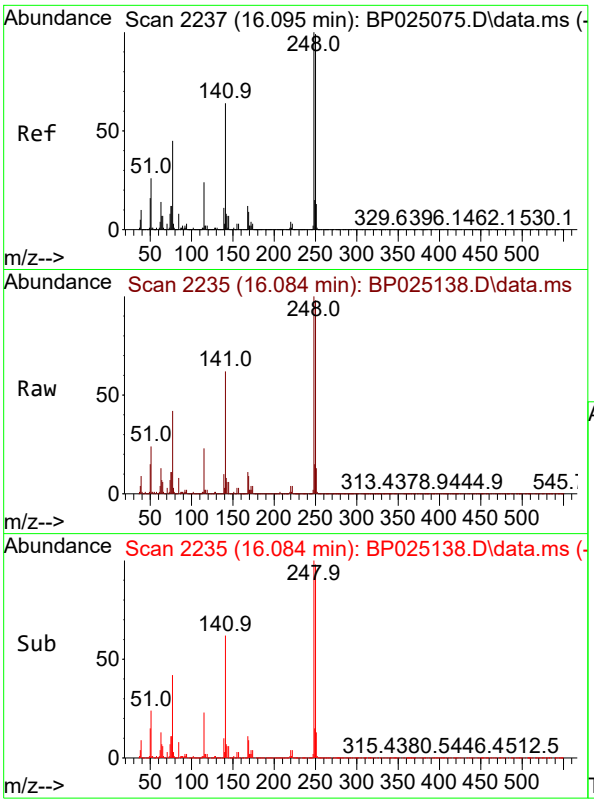


#66
n-Nitrosodiphenylamine
Concen: 40.322 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:169 Resp: 2438227

Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.1	81.1
167	36.1	29.0	43.6



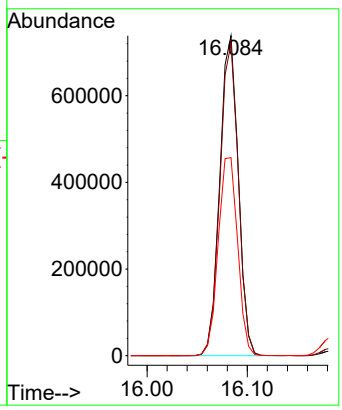


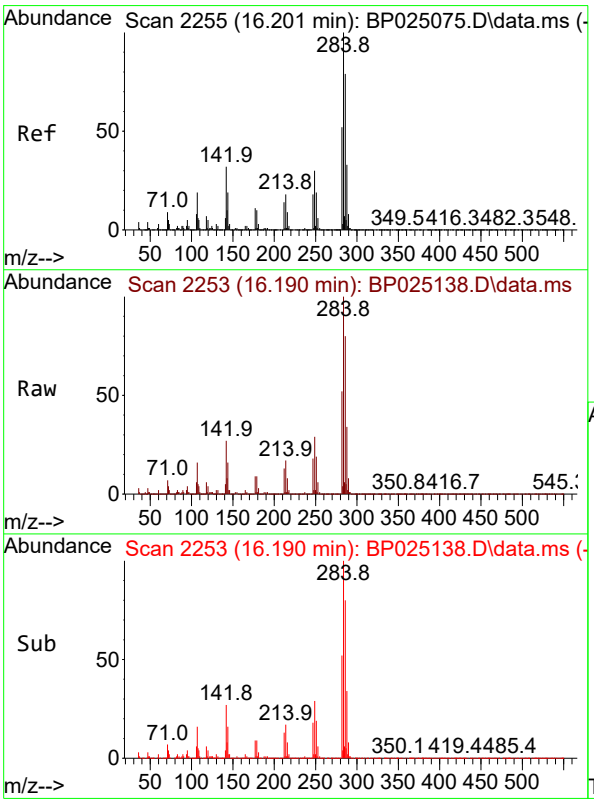
#67
4-Bromophenyl-phenylether
Concen: 43.646 ng
RT: 16.084 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 944253

Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.4	119.2
141	61.9	51.4	77.0

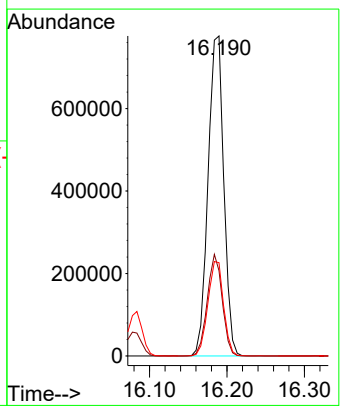


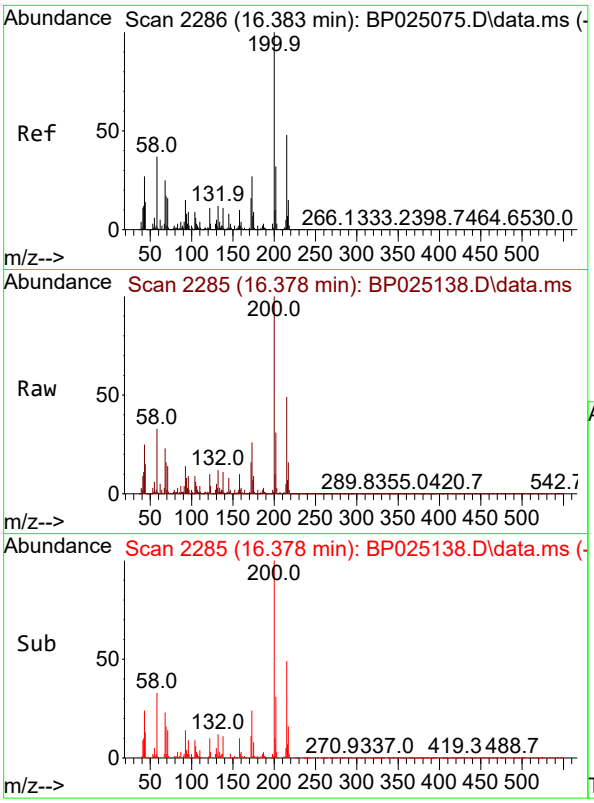


#68
Hexachlorobenzene
Concen: 41.331 ng
RT: 16.190 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:284 Resp: 1092907

Ion	Ratio	Lower	Upper
284	100		
142	26.7	25.9	38.9
249	29.2	23.8	35.8



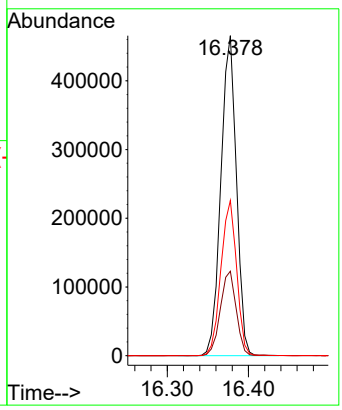


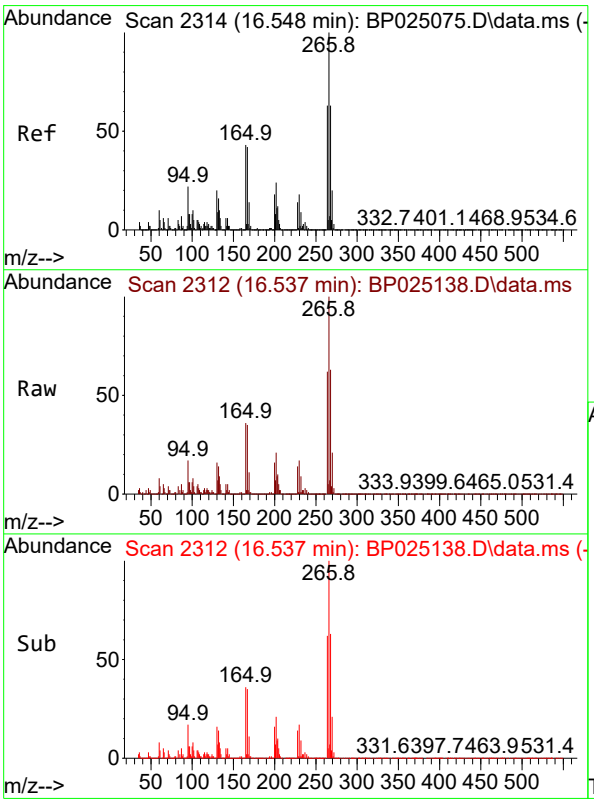
#69
Atrazine
Concen: 35.017 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 620482

Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	48.5	28.0	68.0

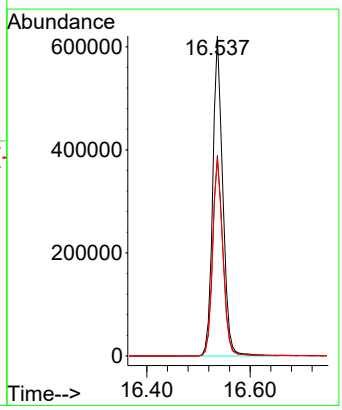


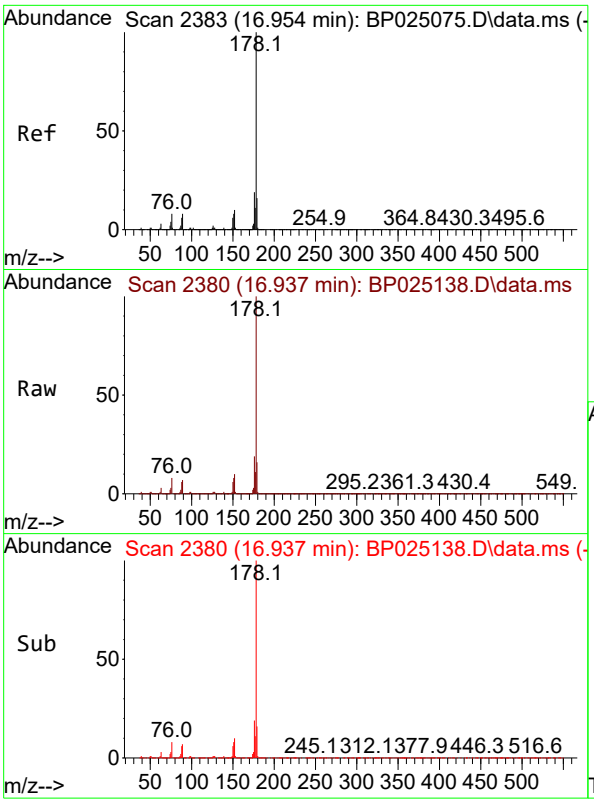


#70
Pentachlorophenol
Concen: 46.787 ng
RT: 16.537 min Scan# 2312
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:266 Resp: 835548

Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.4	75.6
264	61.7	50.2	75.2



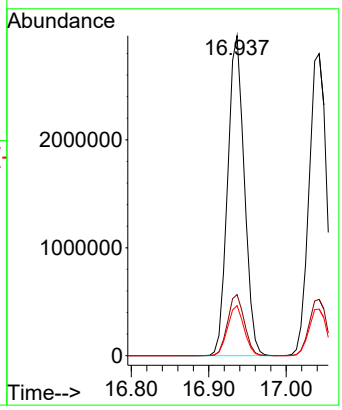


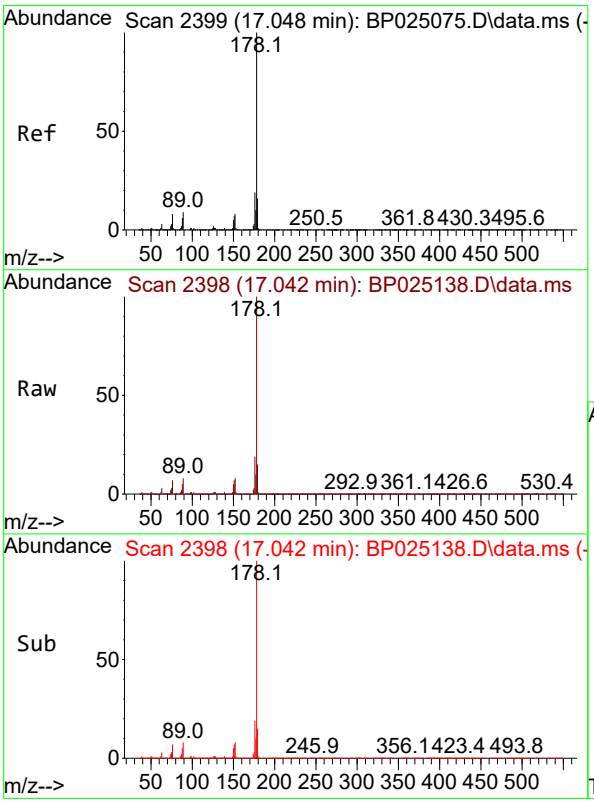
#71
Phenanthrene
Concen: 39.172 ng
RT: 16.937 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 4422649

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.7	12.6	19.0

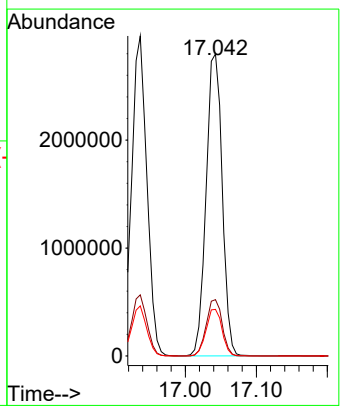


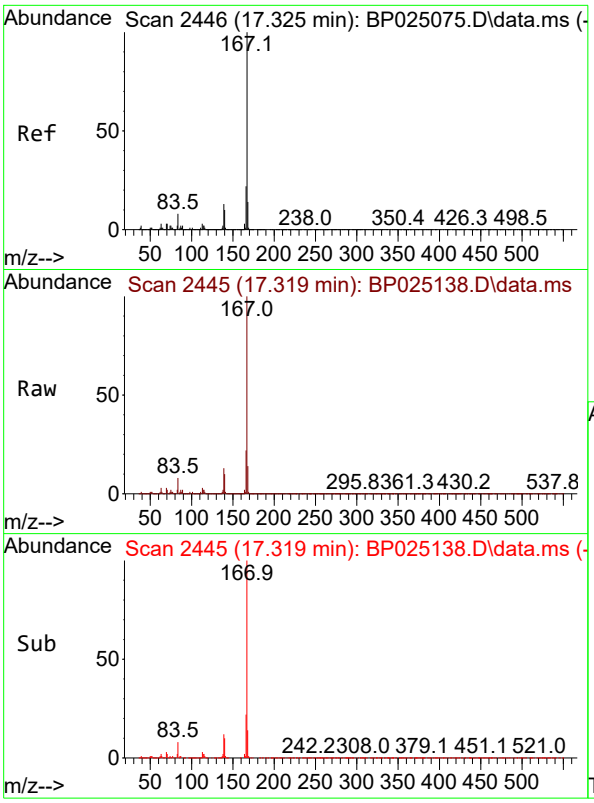


#72
Anthracene
Concen: 40.692 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:178 Resp: 4407571

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.4	12.5	18.7



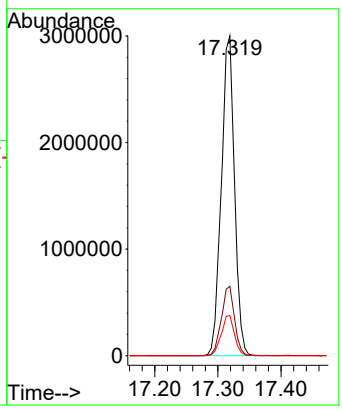


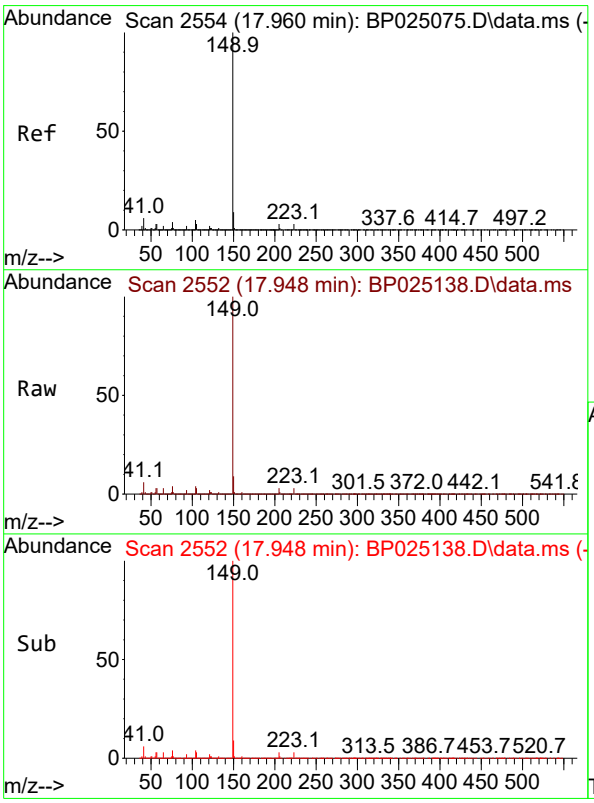
#73
Carbazole
Concen: 40.996 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 4341714

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	12.6	10.4	15.6

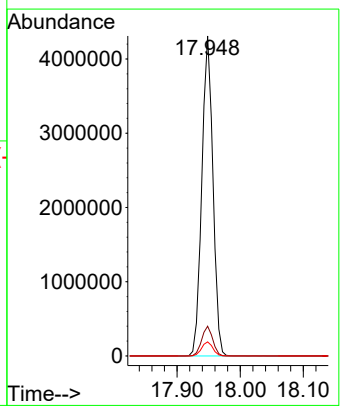


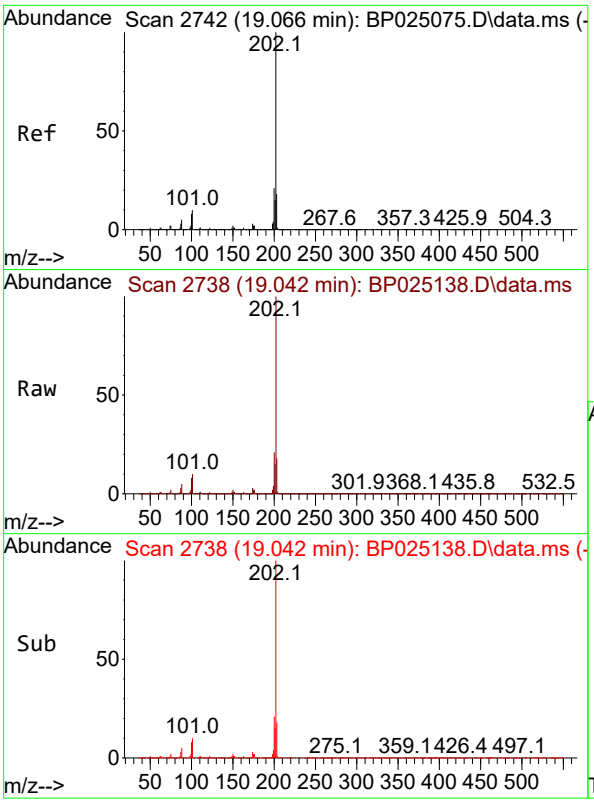


#74
Di-n-butylphthalate
Concen: 44.505 ng
RT: 17.948 min Scan# 2552
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:149 Resp: 5248706

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.4	3.8	5.6



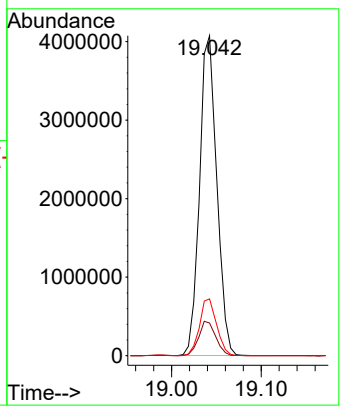


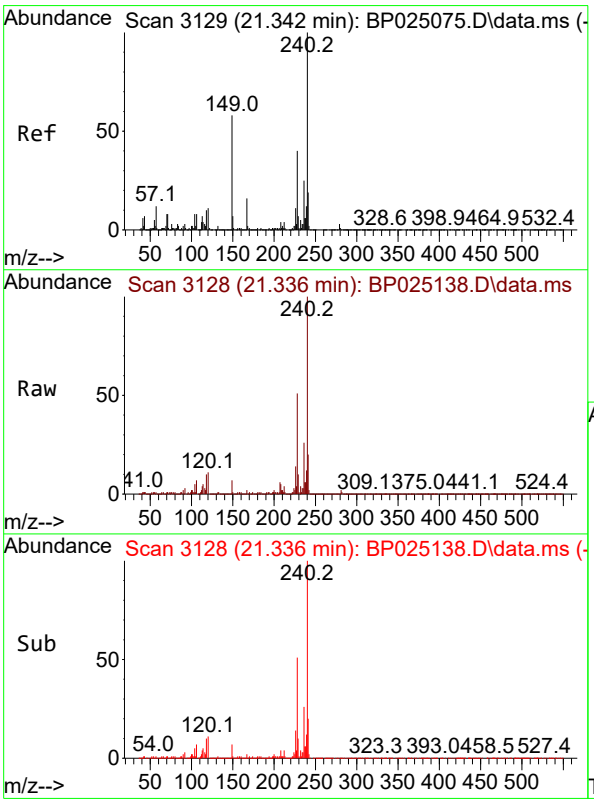
#75
Fluoranthene
Concen: 41.167 ng
RT: 19.042 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 5432893

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.4
203	17.8	0.0	37.6

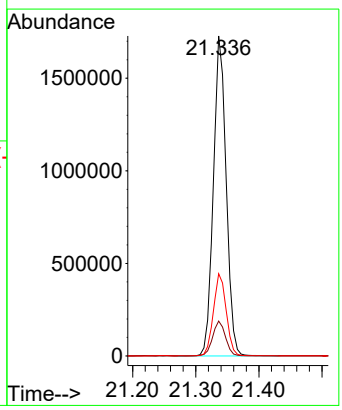


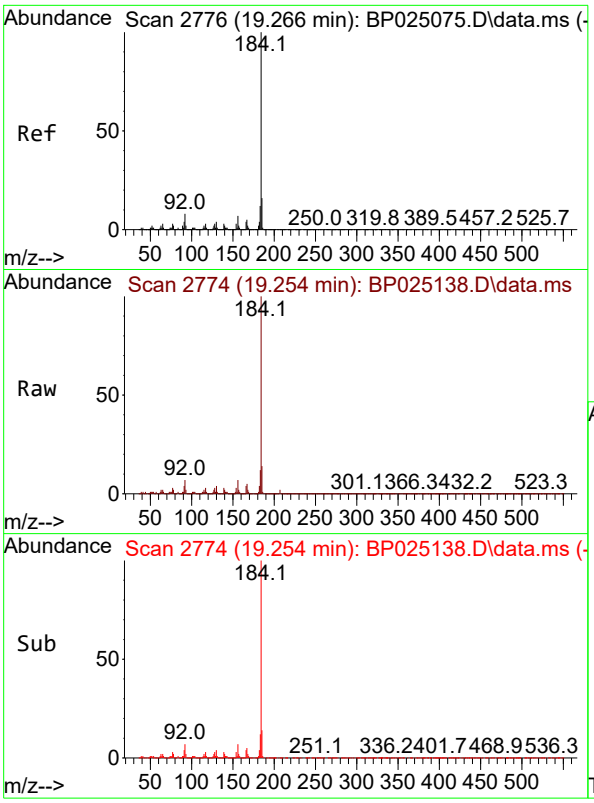


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:240 Resp: 2423209

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



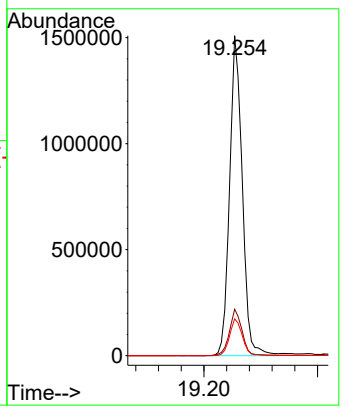


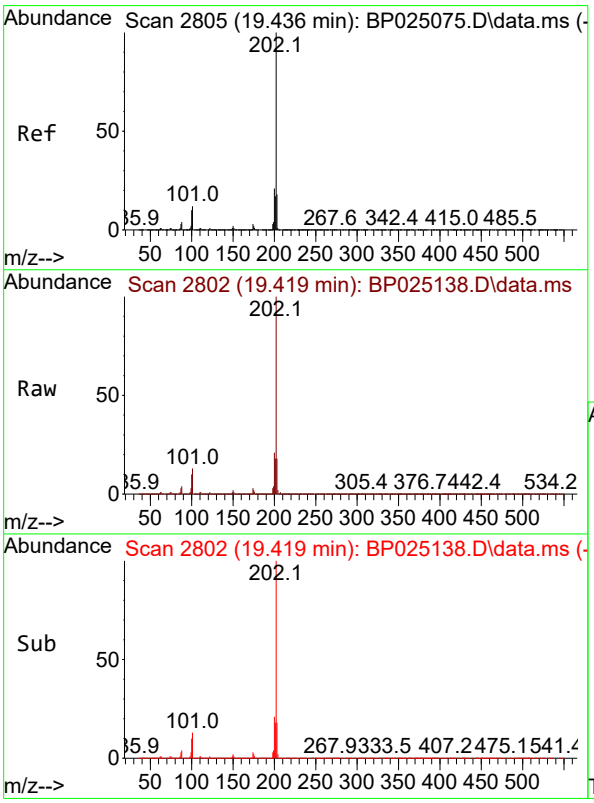
#77
Benzidine
Concen: 54.675 ng
RT: 19.254 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 2339949

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.5	9.4	14.2

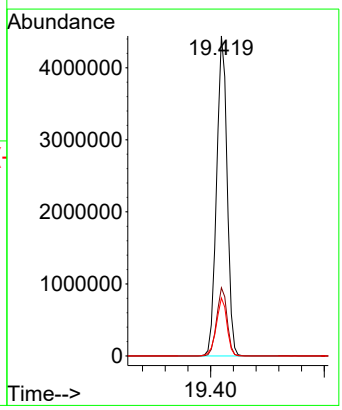


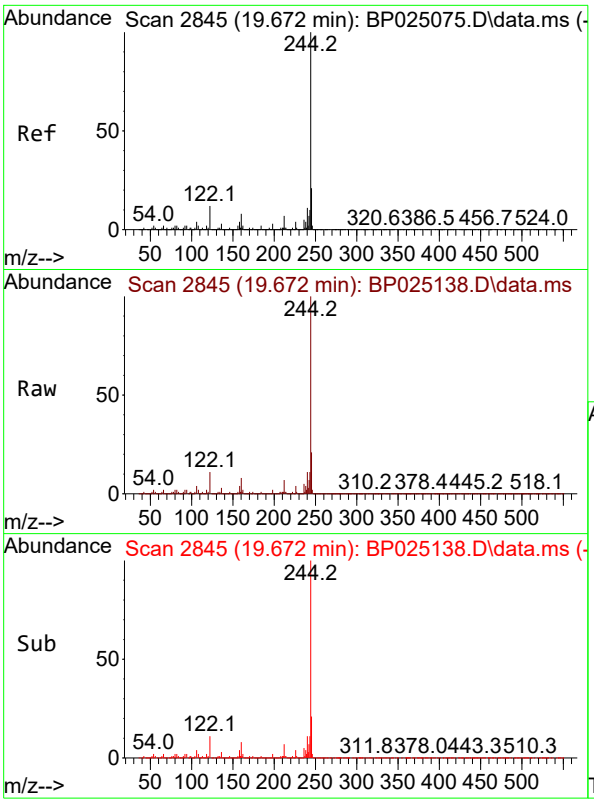


#78
Pyrene
Concen: 37.962 ng
RT: 19.419 min Scan# 2802
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:202 Resp: 5697689

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	18.1	14.1	21.1



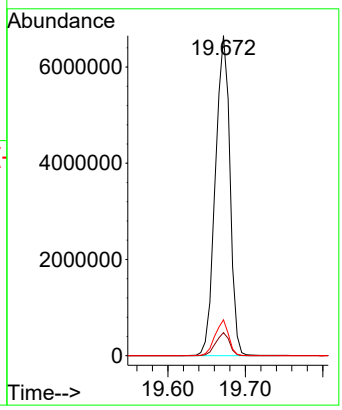


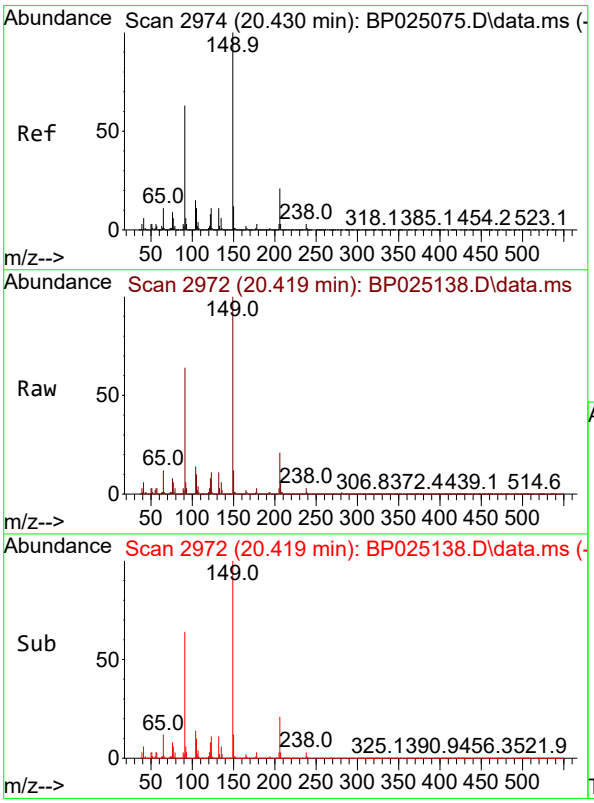
#79
Terphenyl-d14
Concen: 78.772 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 8685146

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.2	9.4	14.2

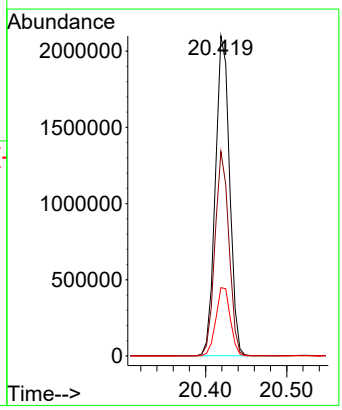


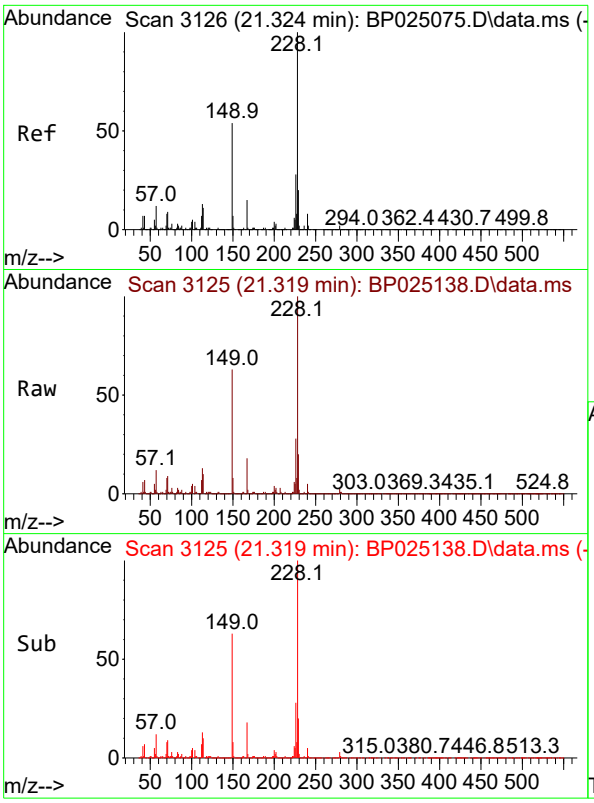


#80
Butylbenzylphthalate
Concen: 44.517 ng
RT: 20.419 min Scan# 2972
Delta R.T. -0.011 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:149 Resp: 2557535

Ion	Ratio	Lower	Upper
149	100		
91	63.9	50.6	76.0
206	21.4	17.2	25.8



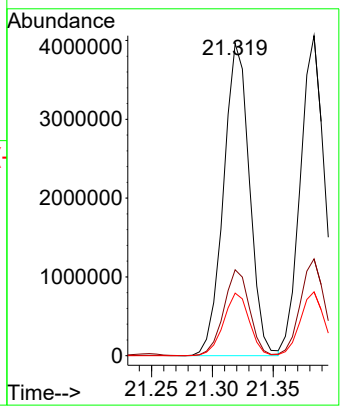


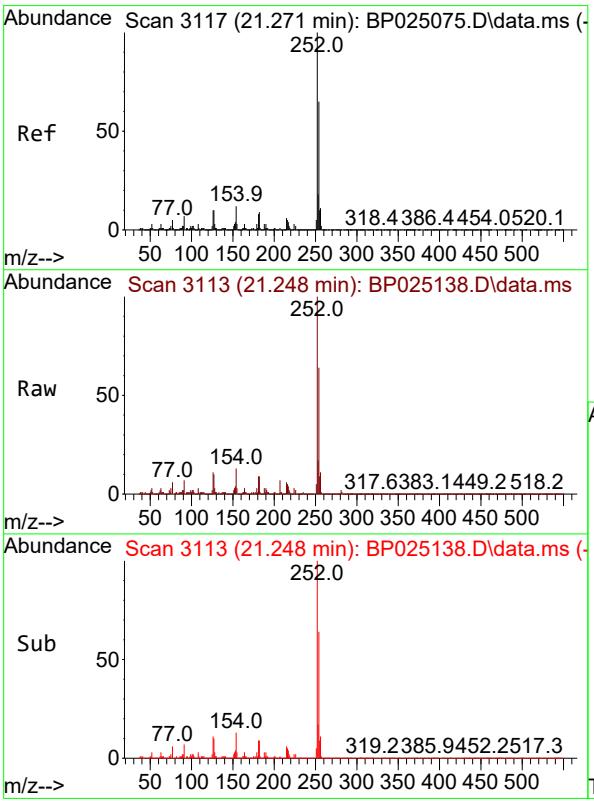
#81
Benzo(a)anthracene
Concen: 40.034 ng
RT: 21.319 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5878963

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	20.0	16.0	24.0

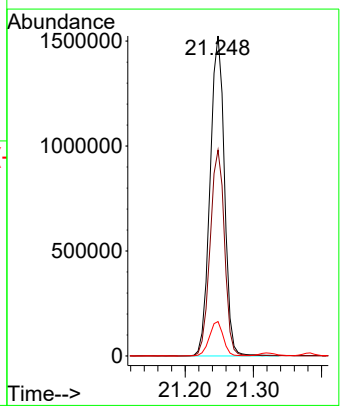


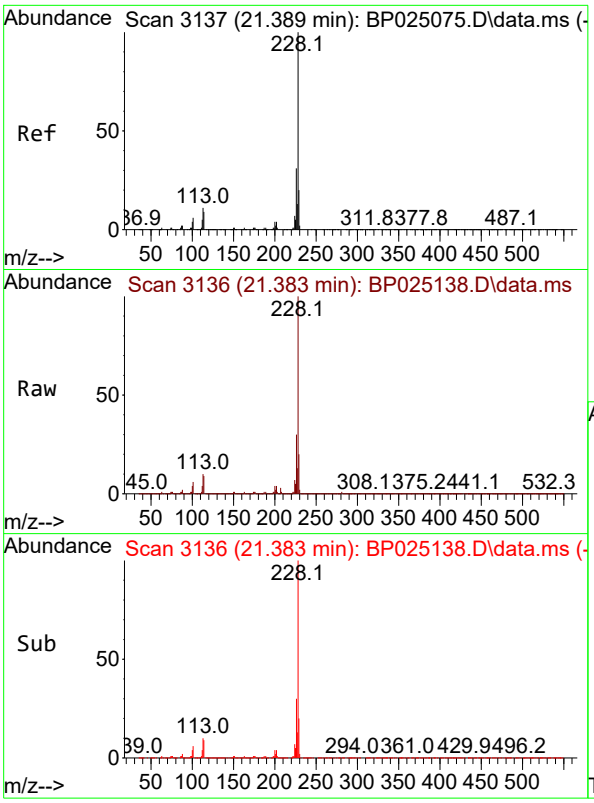


#82
3,3'-Dichlorobenzidine
Concen: 50.434 ng
RT: 21.248 min Scan# 3113
Delta R.T. -0.023 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:252 Resp: 2229564

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.9	77.9
126	10.7	8.1	12.1



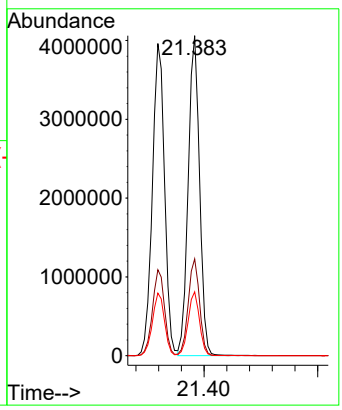


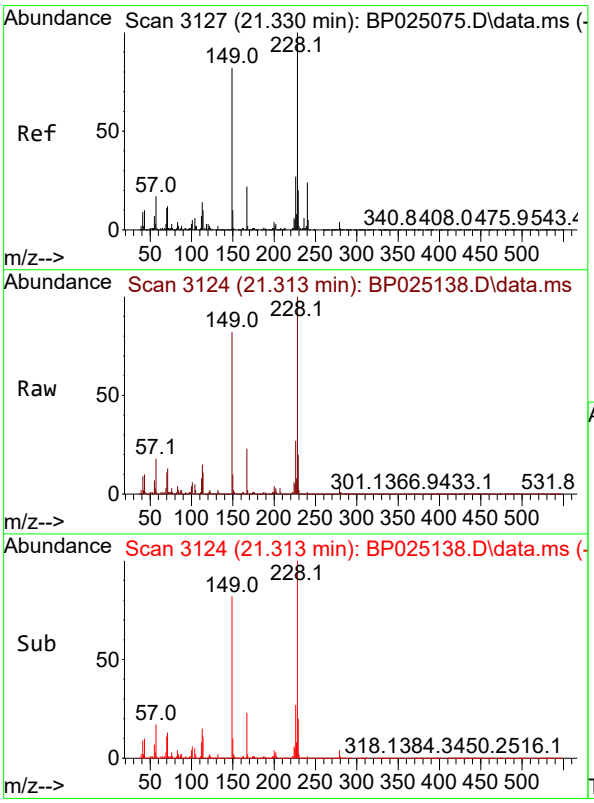
#83
Chrysene
Concen: 39.815 ng
RT: 21.383 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5626605

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	20.0	16.0	24.0

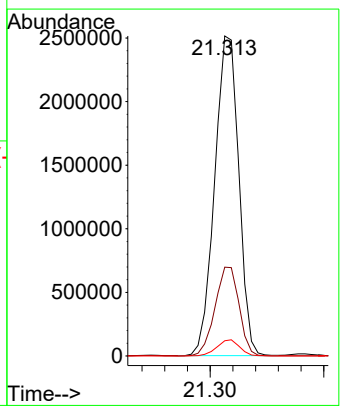


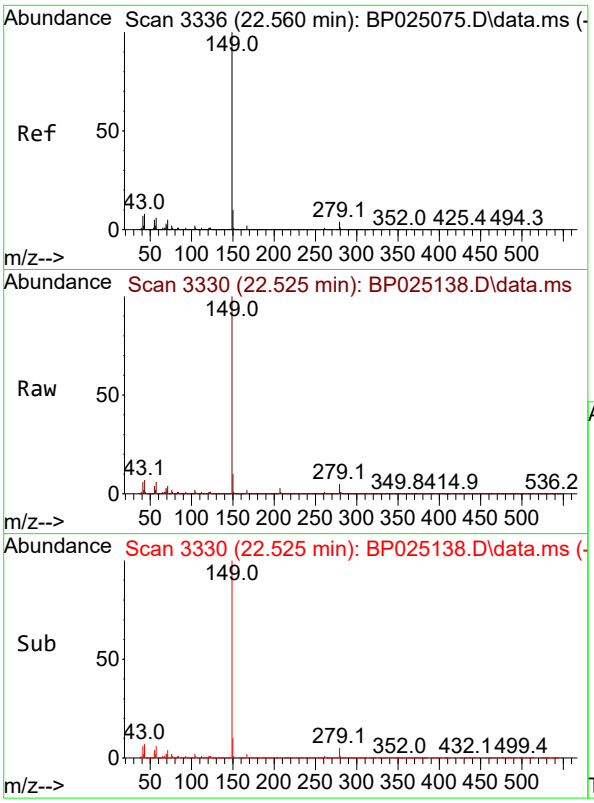


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.050 ng
RT: 21.313 min Scan# 3124
Delta R.T. -0.017 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:149 Resp: 3706065

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.9	32.9
279	4.8	3.5	5.3



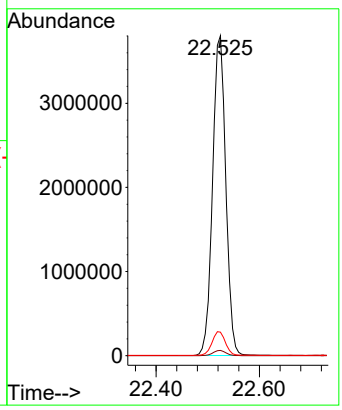


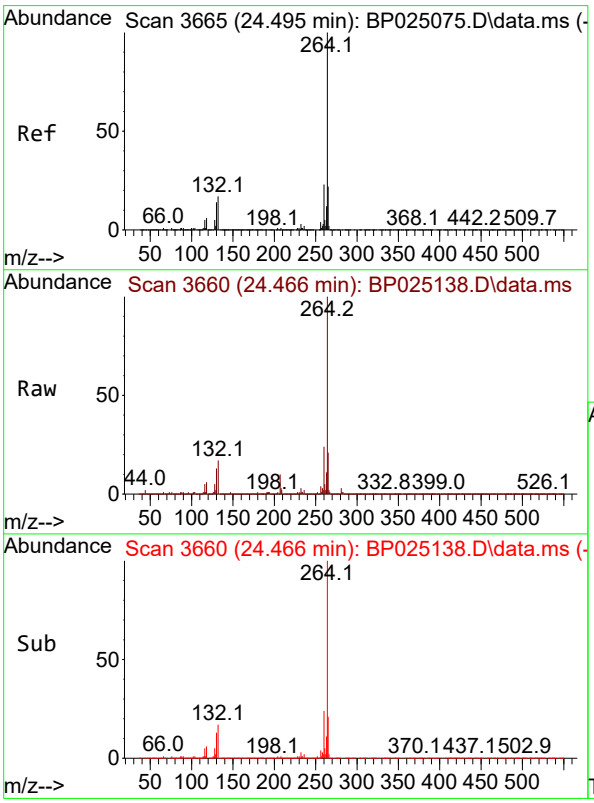
#85
Di-n-octyl phthalate
Concen: 46.832 ng
RT: 22.525 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 6739607

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.9	10.3

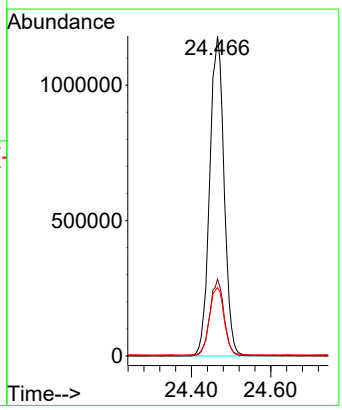


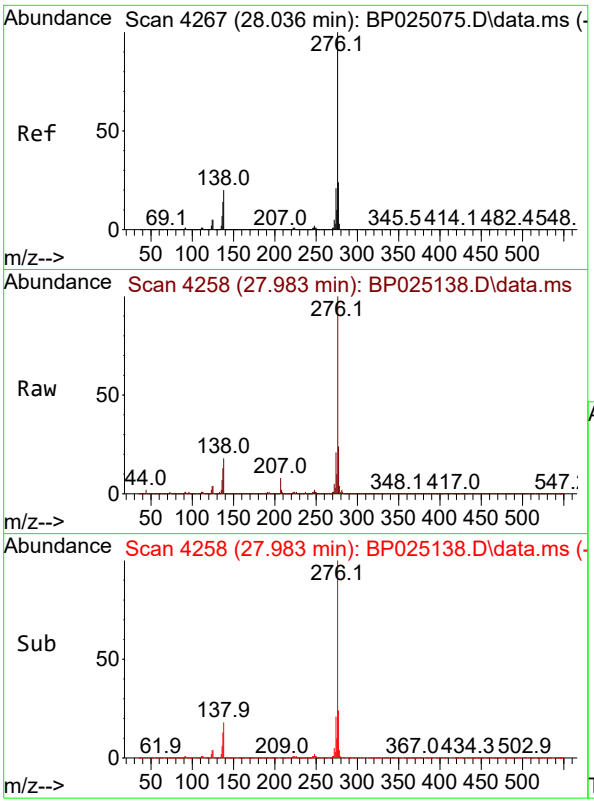


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 3660
Delta R.T. -0.029 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:264 Resp: 2977605

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.3	17.7	26.5



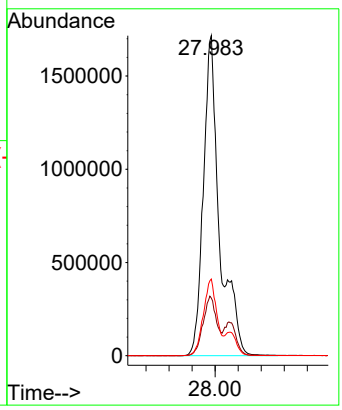


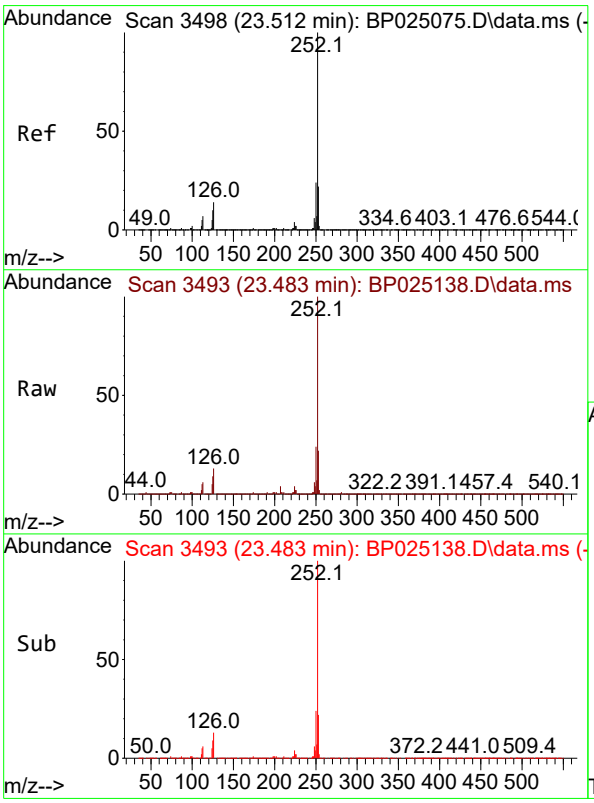
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.984 ng m
RT: 27.983 min Scan# 4
Delta R.T. -0.053 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 8343284

Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.0	19.6
277	20.2	15.9	23.9

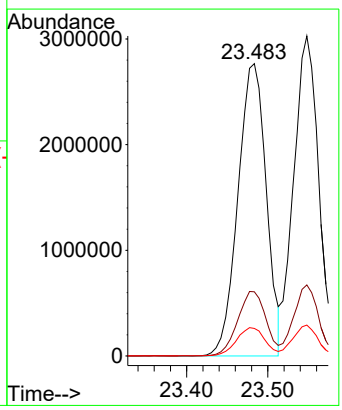


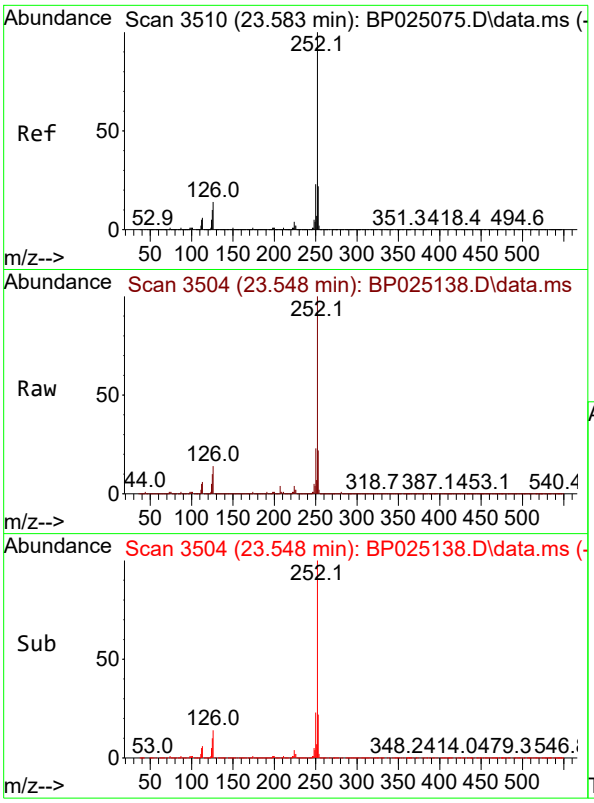


#88
Benzo(b)fluoranthene
Concen: 38.667 ng
RT: 23.483 min Scan# 3493
Delta R.T. -0.029 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:252 Resp: 6701452

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.4	8.1	12.1



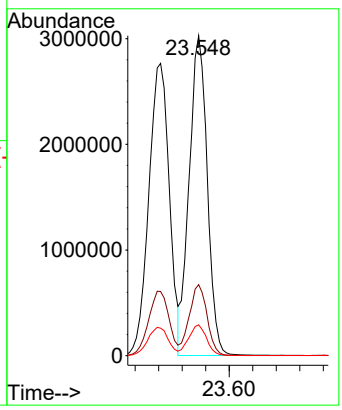


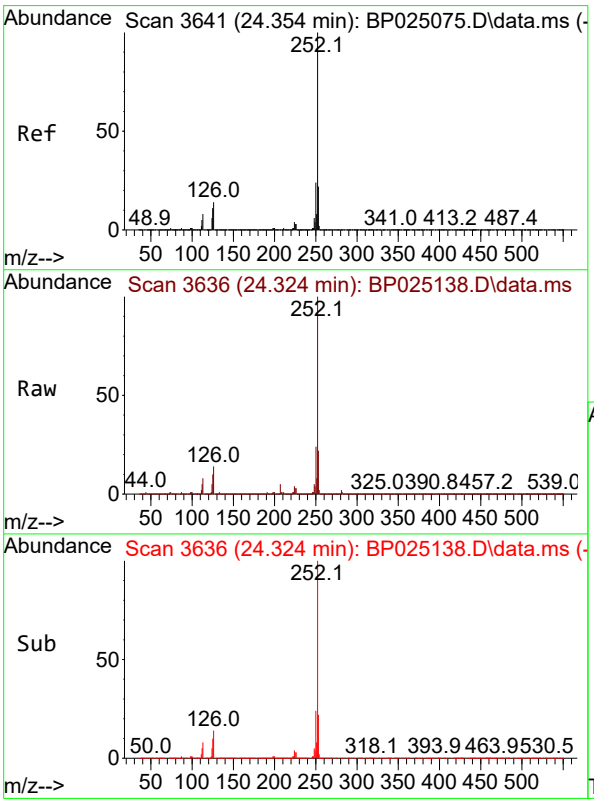
#89
Benzo(k)fluoranthene
Concen: 37.489 ng
RT: 23.548 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 6464721

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.7	8.2	12.2

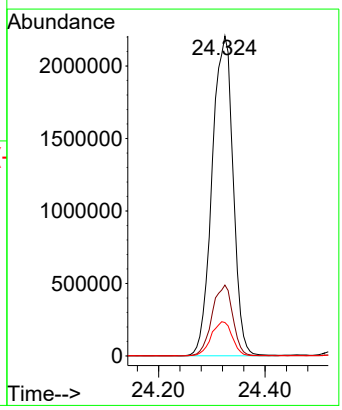


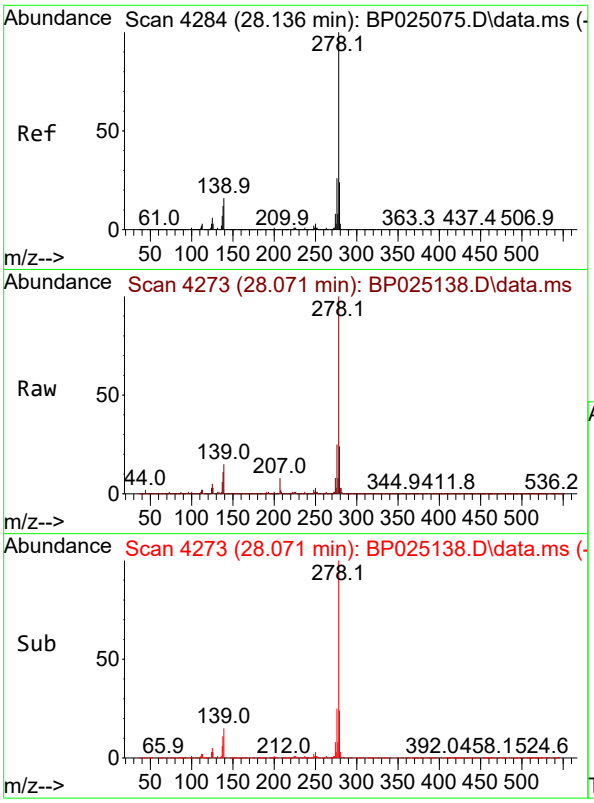


#90
Benzo(a)pyrene
Concen: 40.894 ng
RT: 24.324 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:252 Resp: 6032064

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.4	9.0	13.4



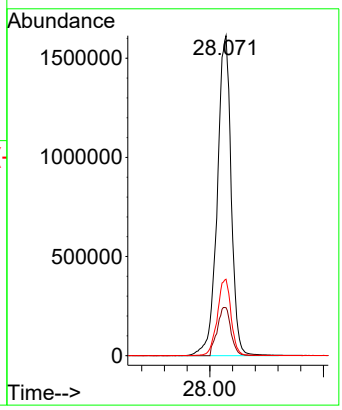


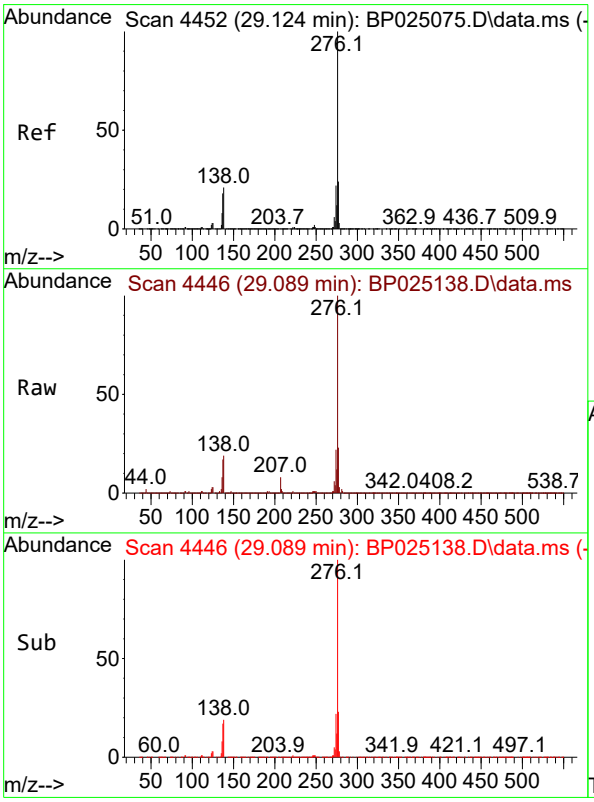
#91
Dibenzo(a,h)anthracene
Concen: 43.695 ng
RT: 28.071 min Scan# 4
Delta R.T. -0.064 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 6851324

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.1	19.7
279	23.9	18.9	28.3

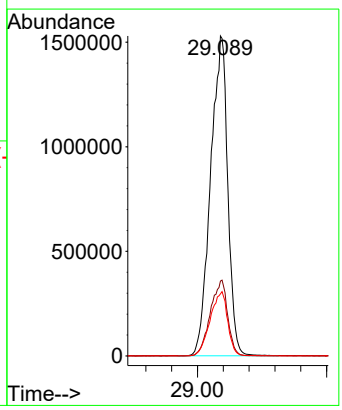




#92
Benzo(g,h,i)perylene
Concen: 43.496 ng
RT: 29.089 min Scan# 4446
Delta R.T. -0.035 min
Lab File: BP025138.D
Acq: 15 Jul 2025 09:36

Tgt Ion:276 Resp: 7045315

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	19.4	16.9	25.3



Sample Results: **BP025138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	138	0.00
2		1,4-Dioxane	0.439	0.426	3.0	135	0.00
3		Pyridine	1.202	1.093	9.1	123	0.00
4		n-Nitrosodimethylamine	0.509	0.465	8.6	127	0.00
5	S	2-Fluorophenol	1.129	1.147	-1.6	140	0.00
6		Aniline	1.376	1.210	12.1	120	0.00
7	S	Phenol-d6	1.473	1.355	8.0	128	0.00
8		2-Chlorophenol	1.263	1.226	2.9	135	0.00
9		Benzaldehyde	0.769	0.679	11.7	130	0.00
10	C	Phenol	1.497	1.357	9.4	127	0.00
11		bis(2-Chloroethyl)ether	1.152	1.035	10.2	127	0.00
12		1,3-Dichlorobenzene	1.413	1.382	2.2	138	0.00
13	C	1,4-Dichlorobenzene	1.431	1.402	2.0	138	0.00
14		1,2-Dichlorobenzene	1.377	1.324	3.8	135	0.00
15		Benzyl Alcohol	0.983	0.892	9.3	129	0.00
16		2,2'-oxybis(1-Chloropropane	1.498	1.230	17.9	118	0.00
17		2-Methylphenol	0.964	0.882	8.5	126	0.00
18		Hexachloroethane	0.466	0.480	-3.0	144	0.00
19	P	n-Nitroso-di-n-propylamine	0.874	0.714	18.3	114	0.00
20		3+4-Methylphenols	1.350	1.168	13.5	121	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	123	0.00
22		Acetophenone	0.473	0.447	5.5	118	0.00
23	S	Nitrobenzene-d5	0.301	0.314	-4.3	125	0.00
24		Nitrobenzene	0.306	0.312	-2.0	123	0.00
25		Isophorone	0.562	0.502	10.7	110	0.00
26	C	2-Nitrophenol	0.128	0.173	-35.2#	159#	0.00
27		2,4-Dimethylphenol	0.210	0.204	2.9	120	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.353	7.6	116	0.00
29	C	2,4-Dichlorophenol	0.291	0.298	-2.4	122	0.00
30		1,2,4-Trichlorobenzene	0.322	0.330	-2.5	127	0.00
31		Naphthalene	1.030	1.000	2.9	121	0.00
32		Benzoic acid	0.185	0.223	-20.5	147	0.01
33		4-Chloroaniline	0.384	0.355	7.6	112	0.00
34	C	Hexachlorobutadiene	0.185	0.203	-9.7	137	0.00
35		Caprolactam	0.099	0.087	12.1	106	0.00
36	C	4-Chloro-3-methylphenol	0.304	0.283	6.9	112	0.00
37		2-Methylnaphthalene	0.727	0.661	9.1	113	0.00
38		1-Methylnaphthalene	0.709	0.643	9.3	114	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	0.575	0.622	-8.2	117	-0.01
41	P	Hexachlorocyclopentadiene	0.150	0.198	-32.0#	145	-0.02
42	S	2,4,6-Tribromophenol	0.236	0.272	-15.3	120	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.391	-12.4	115	0.00
44		2,4,5-Trichlorophenol	0.394	0.423	-7.4	112	0.00
45	S	2-Fluorobiphenyl	1.291	1.304	-1.0	111	0.00
46		1,1'-Biphenyl	1.455	1.428	1.9	107	-0.01
47		2-Chloronaphthalene	1.094	1.097	-0.3	110	-0.01

Sample Results: **BP025138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.237	0.272	-14.8	114	0.00
49		Acenaphthylene	1.674	1.684	-0.6	108	0.00
50		Dimethylphthalate	1.400	1.334	4.7	103	0.00
51		2,6-Dinitrotoluene	0.273	0.289	-5.9	106	-0.01
52	C	Acenaphthene	1.079	1.045	3.2	107	0.00
53		3-Nitroaniline	0.293	0.323	-10.2	109	0.00
54	P	2,4-Dinitrophenol	0.114	0.153	-34.2#	142	0.00
55		Dibenzofuran	1.781	1.717	3.6	106	-0.02
56	P	4-Nitrophenol	0.270	0.289	-7.0	110	0.00
57		2,4-Dinitrotoluene	0.356	0.401	-12.6	111	-0.02
58		Fluorene	1.377	1.332	3.3	104	-0.02
59		2,3,4,6-Tetrachlorophenol	0.357	0.378	-5.9	111	0.00
60		Diethylphthalate	1.406	1.348	4.1	103	0.00
61		4-Chlorophenyl-phenylether	0.682	0.655	4.0	105	-0.01
62		4-Nitroaniline	0.307	0.342	-11.4	109	-0.01
63		Azobenzene	1.252	1.137	9.2	98	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	102	-0.02
65		4,6-Dinitro-2-methylphenol	0.082	0.111	-35.4#	140	-0.01
66	c	n-Nitrosodiphenylamine	0.572	0.577	-0.9	103	0.00
67		4-Bromophenyl-phenylether	0.205	0.223	-8.8	112	-0.01
68		Hexachlorobenzene	0.250	0.259	-3.6	107	-0.01
69		Atrazine	0.168	0.147	12.5	87	0.00
70	C	Pentachlorophenol	0.169	0.198	-17.2	118	-0.01
71		Phenanthrene	1.069	1.047	2.1	100	-0.02
72		Anthracene	1.025	1.043	-1.8	103	0.00
73		Carbazole	1.002	1.027	-2.5	102	0.00
74		Di-n-butylphthalate	1.116	1.242	-11.3	107	-0.01
75	C	Fluoranthene	1.249	1.286	-3.0	102	-0.02
76	I	Chrysene-d12	1.000	1.000	0.0	107	0.00
77		Benzidine	0.353	0.483	-36.8#	91	-0.01
78		Pyrene	1.239	1.176	5.1	102	-0.02
79	S	Terphenyl-d14	0.910	0.896	1.5	105	0.00
80		Butylbenzylphthalate	0.402	0.528	-31.3#	128	-0.01
81		Benzo(a)anthracene	1.212	1.213	-0.1	107	0.00
82		3,3'-Dichlorobenzidine	0.365	0.460	-26.0#	126	-0.02
83		Chrysene	1.166	1.161	0.4	107	0.00
84		Bis(2-ethylhexyl)phthalate	0.650	0.765	-17.7	117	-0.02
85	c	Di-n-octyl phthalate	1.054	1.391	-32.0#	136	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	122	-0.03
87		Indeno(1,2,3-cd)pyrene	1.274	1.401	-10.0	129	-0.05
88		Benzo(b)fluoranthene	1.164	1.125	3.4	115	-0.03
89		Benzo(k)fluoranthene	1.158	1.086	6.2	115	-0.04
90	C	Benzo(a)pyrene	0.991	1.013	-2.2	120	-0.03
91		Dibenzo(a,h)anthracene	1.053	1.150	-9.2	128	-0.06
92		Benzo(g,h,i)perylene	1.088	1.183	-8.7	129	-0.04

Sample Results: **BP025138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 2

Sample Results: **BP025138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	138	0.00
2		1,4-Dioxane	40.000	38.849	2.9	135	0.00
3		Pyridine	40.000	36.371	9.1	123	0.00
4		n-Nitrosodimethylamine	40.000	36.596	8.5	127	0.00
5	S	2-Fluorophenol	80.000	81.302	-1.6	140	0.00
6		Aniline	40.000	35.165	12.1	120	0.00
7	S	Phenol-d6	80.000	73.579	8.0	128	0.00
8		2-Chlorophenol	40.000	38.820	2.9	135	0.00
9		Benzaldehyde	40.000	35.328	11.7	130	0.00
10	C	Phenol	40.000	36.271	9.3	127	0.00
11		bis(2-Chloroethyl)ether	40.000	35.953	10.1	127	0.00
12		1,3-Dichlorobenzene	40.000	39.099	2.3	138	0.00
13	C	1,4-Dichlorobenzene	40.000	39.195	2.0	138	0.00
14		1,2-Dichlorobenzene	40.000	38.486	3.8	135	0.00
15		Benzyl Alcohol	40.000	36.298	9.3	129	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	32.841	17.9	118	0.00
17		2-Methylphenol	40.000	36.603	8.5	126	0.00
18		Hexachloroethane	40.000	41.165	-2.9	144	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	32.674	18.3	114	0.00
20		3+4-Methylphenols	40.000	34.582	13.5	121	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	123	0.00
22		Acetophenone	40.000	37.829	5.4	118	0.00
23	S	Nitrobenzene-d5	80.000	83.417	-4.3	125	0.00
24		Nitrobenzene	40.000	40.744	-1.9	123	0.00
25		Isophorone	40.000	35.764	10.6	110	0.00
26	C	2-Nitrophenol	40.000	46.680	-16.7	159	0.00
27		2,4-Dimethylphenol	40.000	38.901	2.7	120	0.00
28		bis(2-Chloroethoxy)methane	40.000	36.998	7.5	116	0.00
29	C	2,4-Dichlorophenol	40.000	40.964	-2.4	122	0.00
30		1,2,4-Trichlorobenzene	40.000	40.986	-2.5	127	0.00
31		Naphthalene	40.000	38.856	2.9	121	0.00
32		Benzoic acid	40.000	43.285	-8.2	147	0.01
33		4-Chloroaniline	40.000	36.980	7.6	112	0.00
34	C	Hexachlorobutadiene	40.000	43.961	-9.9	137	0.00
35		Caprolactam	40.000	35.063	12.3	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	37.255	6.9	112	0.00
37		2-Methylnaphthalene	40.000	36.398	9.0	113	0.00
38		1-Methylnaphthalene	40.000	36.317	9.2	114	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	43.282	-8.2	117	-0.01
41	P	Hexachlorocyclopentadiene	40.000	52.790	-32.0#	145	-0.02
42	S	2,4,6-Tribromophenol	80.000	91.937	-14.9	120	0.00
43	C	2,4,6-Trichlorophenol	40.000	44.935	-12.3	115	0.00
44		2,4,5-Trichlorophenol	40.000	42.884	-7.2	112	0.00
45	S	2-Fluorobiphenyl	80.000	80.788	-1.0	111	0.00
46		1,1'-Biphenyl	40.000	39.244	1.9	107	-0.01
47		2-Chloronaphthalene	40.000	40.116	-0.3	110	-0.01

Sample Results: **BP025138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.005	-2.5	114	0.00
49		Acenaphthylene	40.000	40.232	-0.6	108	0.00
50		Dimethylphthalate	40.000	38.107	4.7	103	0.00
51		2,6-Dinitrotoluene	40.000	42.281	-5.7	106	-0.01
52	C	Acenaphthene	40.000	38.757	3.1	107	0.00
53		3-Nitroaniline	40.000	44.113	-10.3	109	0.00
54	P	2,4-Dinitrophenol	40.000	48.071	-20.2	142	0.00
55		Dibenzofuran	40.000	38.580	3.6	106	-0.02
56	P	4-Nitrophenol	40.000	42.791	-7.0	110	0.00
57		2,4-Dinitrotoluene	40.000	40.419	-1.0	111	-0.02
58		Fluorene	40.000	38.684	3.3	104	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	42.379	-5.9	111	0.00
60		Diethylphthalate	40.000	38.337	4.2	103	0.00
61		4-Chlorophenyl-phenylether	40.000	38.415	4.0	105	-0.01
62		4-Nitroaniline	40.000	44.603	-11.5	109	-0.01
63		Azobenzene	40.000	36.313	9.2	98	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	102	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	48.858	-22.1	140	-0.01
66	c	n-Nitrosodiphenylamine	40.000	40.322	-0.8	103	0.00
67		4-Bromophenyl-phenylether	40.000	43.646	-9.1	112	-0.01
68		Hexachlorobenzene	40.000	41.331	-3.3	107	-0.01
69		Atrazine	40.000	35.017	12.5	87	0.00
70	C	Pentachlorophenol	40.000	46.787	-17.0	118	-0.01
71		Phenanthrene	40.000	39.172	2.1	100	-0.02
72		Anthracene	40.000	40.692	-1.7	103	0.00
73		Carbazole	40.000	40.996	-2.5	102	0.00
74		Di-n-butylphthalate	40.000	44.505	-11.3	107	-0.01
75	C	Fluoranthene	40.000	41.167	-2.9	102	-0.02
76	I	Chrysene-d12	20.000	20.000	0.0	107	0.00
77		Benzidine	40.000	54.675	-36.7#	91	-0.01
78		Pyrene	40.000	37.962	5.1	102	-0.02
79	S	Terphenyl-d14	80.000	78.772	1.5	105	0.00
80		Butylbenzylphthalate	40.000	44.517	-11.3	128	-0.01
81		Benzo(a)anthracene	40.000	40.034	-0.1	107	0.00
82		3,3'-Dichlorobenzidine	40.000	50.434	-26.1#	126	-0.02
83		Chrysene	40.000	39.815	0.5	107	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	47.050	-17.6	117	-0.02
85	c	Di-n-octyl phthalate	40.000	46.832	-17.1	136	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	122	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	43.984	-10.0	129	-0.05
88		Benzo(b)fluoranthene	40.000	38.667	3.3	115	-0.03
89		Benzo(k)fluoranthene	40.000	37.489	6.3	115	-0.04
90	C	Benzo(a)pyrene	40.000	40.894	-2.2	120	-0.03
91		Dibenzo(a,h)anthracene	40.000	43.695	-9.2	128	-0.06
92		Benzo(g,h,i)perylene	40.000	43.496	-8.7	129	-0.04

Sample Results: **BP025138.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

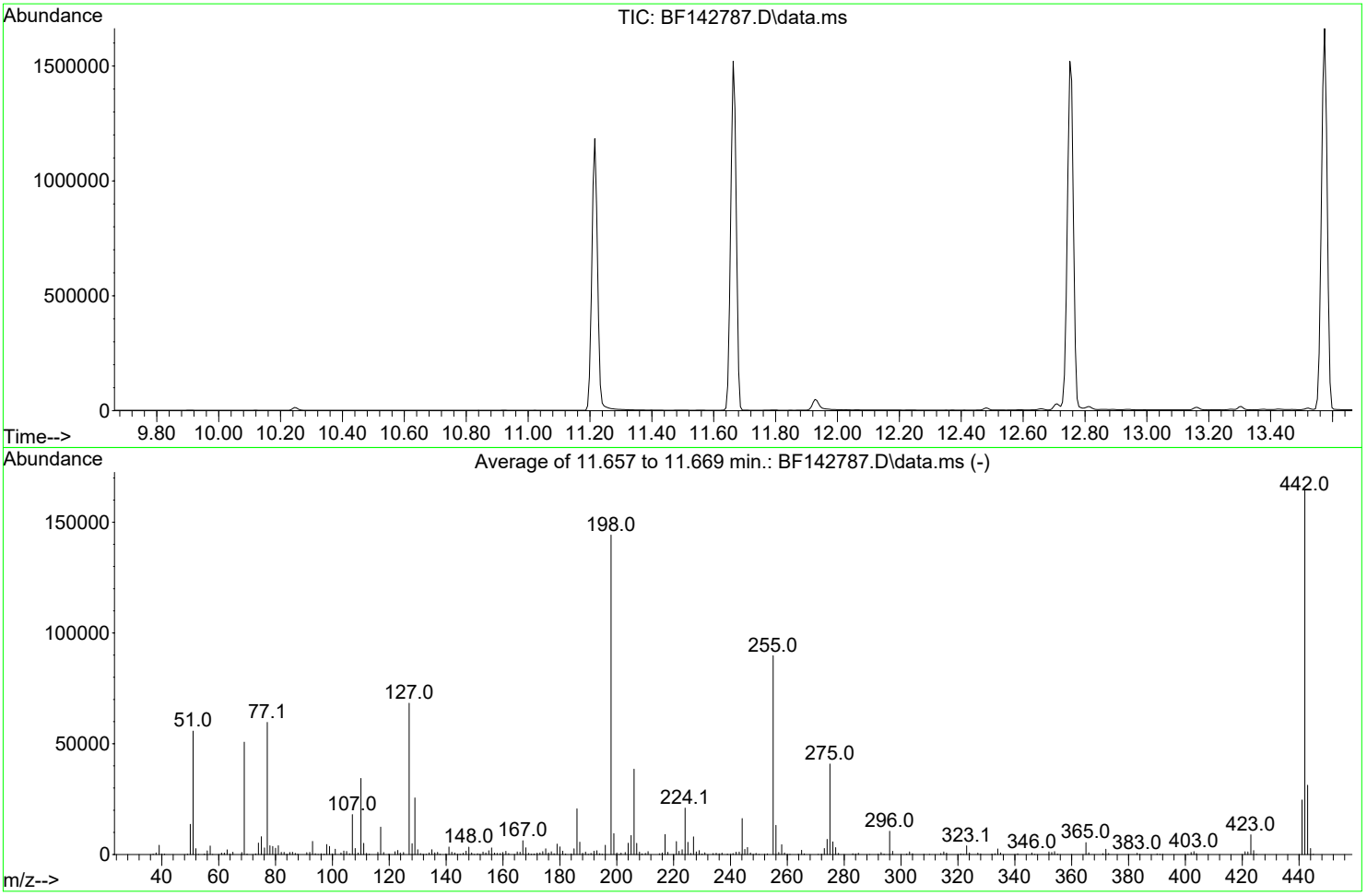
Sample Results: **BF142787.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142787.D
Acq On : 19 Jun 2025 16:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 20 05:06:14 2025



AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.8	926	PASS
69	69	100	100	100.0	50712	PASS
70	69	0.00	2	0.5	243	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	144192	PASS
199	198	5	9	6.6	9464	PASS
365	198	1	100	3.7	5372	PASS
441	443	0.01	150	78.8	24649	PASS
442	442	100	100	100.0	164283	PASS
443	442	15	24	19.1	31296	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/19/2025	BNA_F	BF142787.D
Compound Name	**Response**	**Retention Time**
DDT	429715	13.574
DDD	7712	13.304
DDE	717	12.939
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
8429	438144	1.92

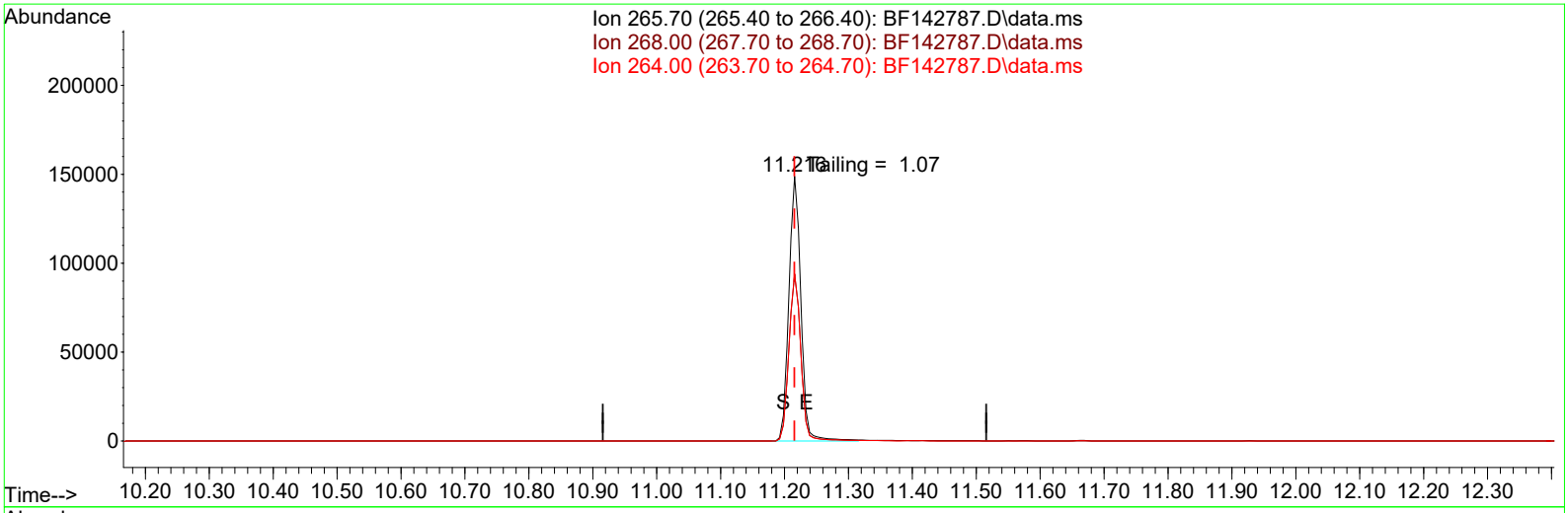
Instrument :
BNA_F
ClientSampleId :
DFTPP

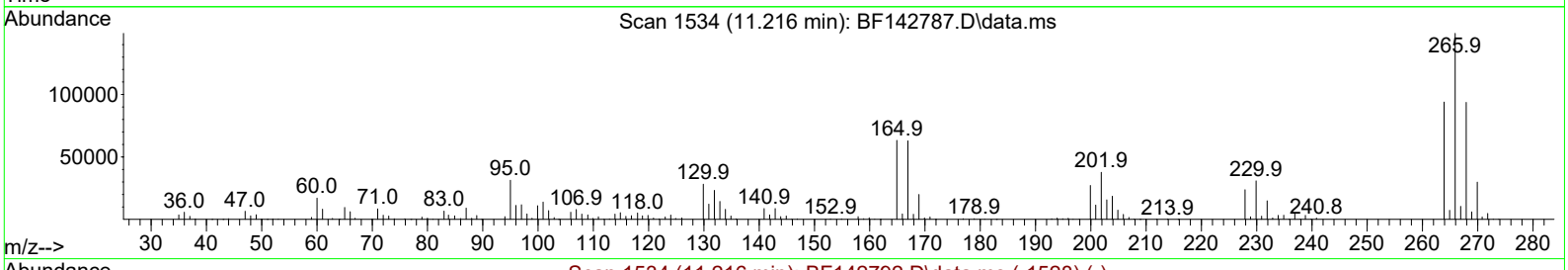
Sample Results: **BF142787.D**

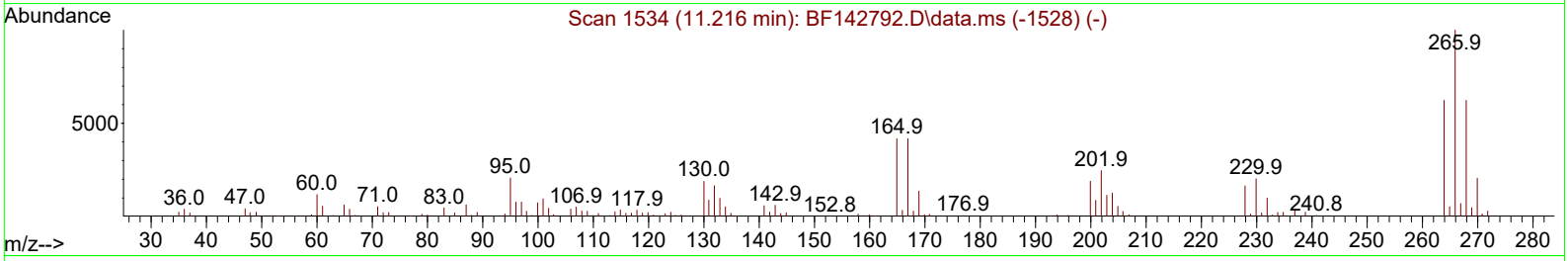
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142787.D
Acq On : 19 Jun 2025 16:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 20 05:38:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 05:06:14 2025
Response via : Initial Calibration







TIC: BF142787.D\data.ms

(70) Pentachlorophenol (C)

11.216min (+ 0.000) 37164.56 ng

response 195787

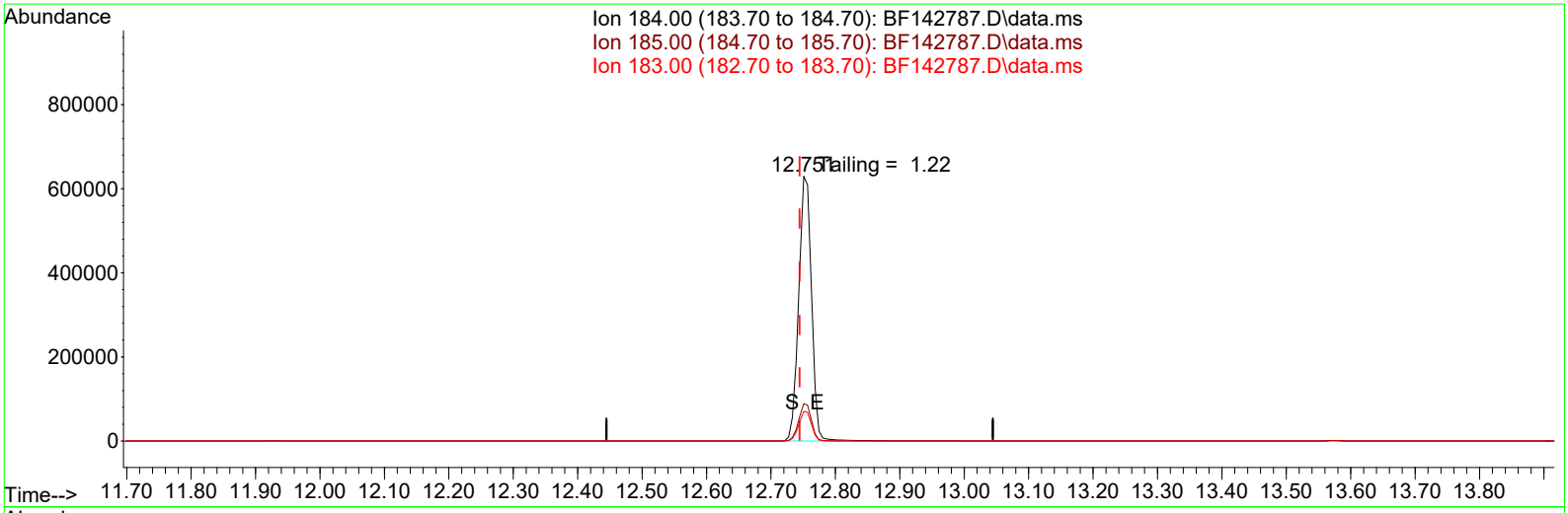
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	62.94
264.00	62.40	63.12
0.00	0.00	0.00

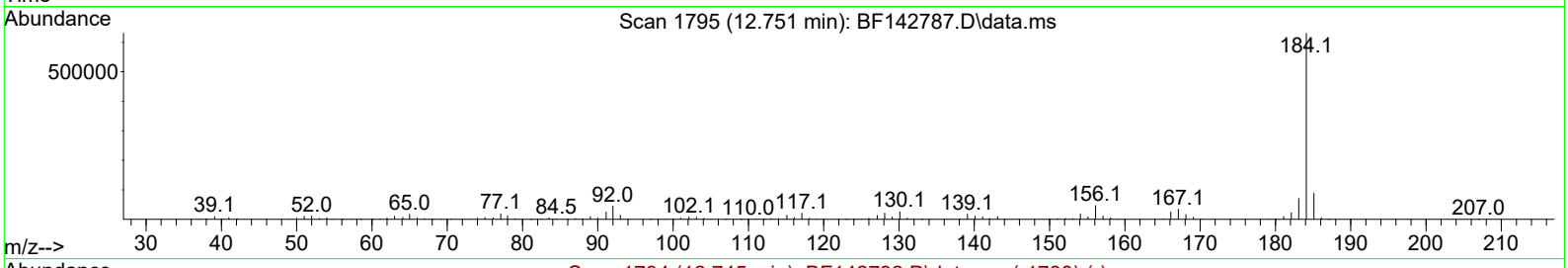
Sample Results: **BF142787.D**

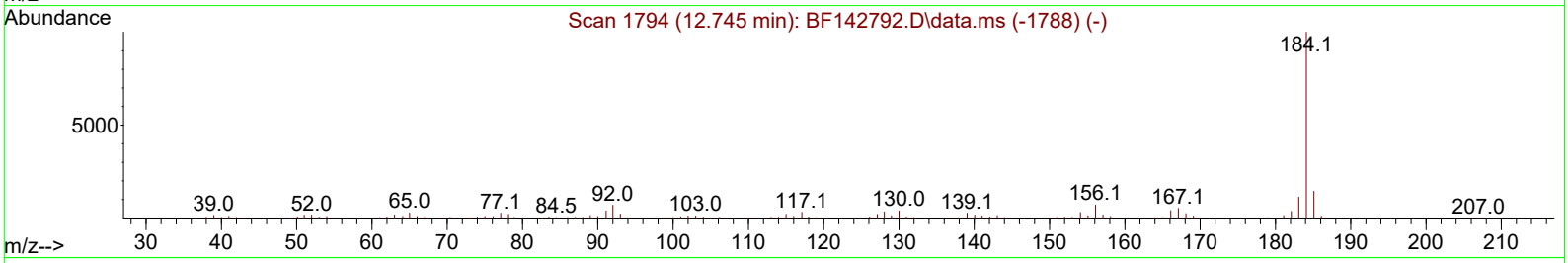
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142787.D
Acq On : 19 Jun 2025 16:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 20 05:38:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 05:06:14 2025
Response via : Initial Calibration







TIC: BF142787.D\data.ms

(77) Benzidine

12.751min (+ 0.006) 0.00 ng

response 874127

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.11
183.00	11.20	11.25
0.00	0.00	0.00

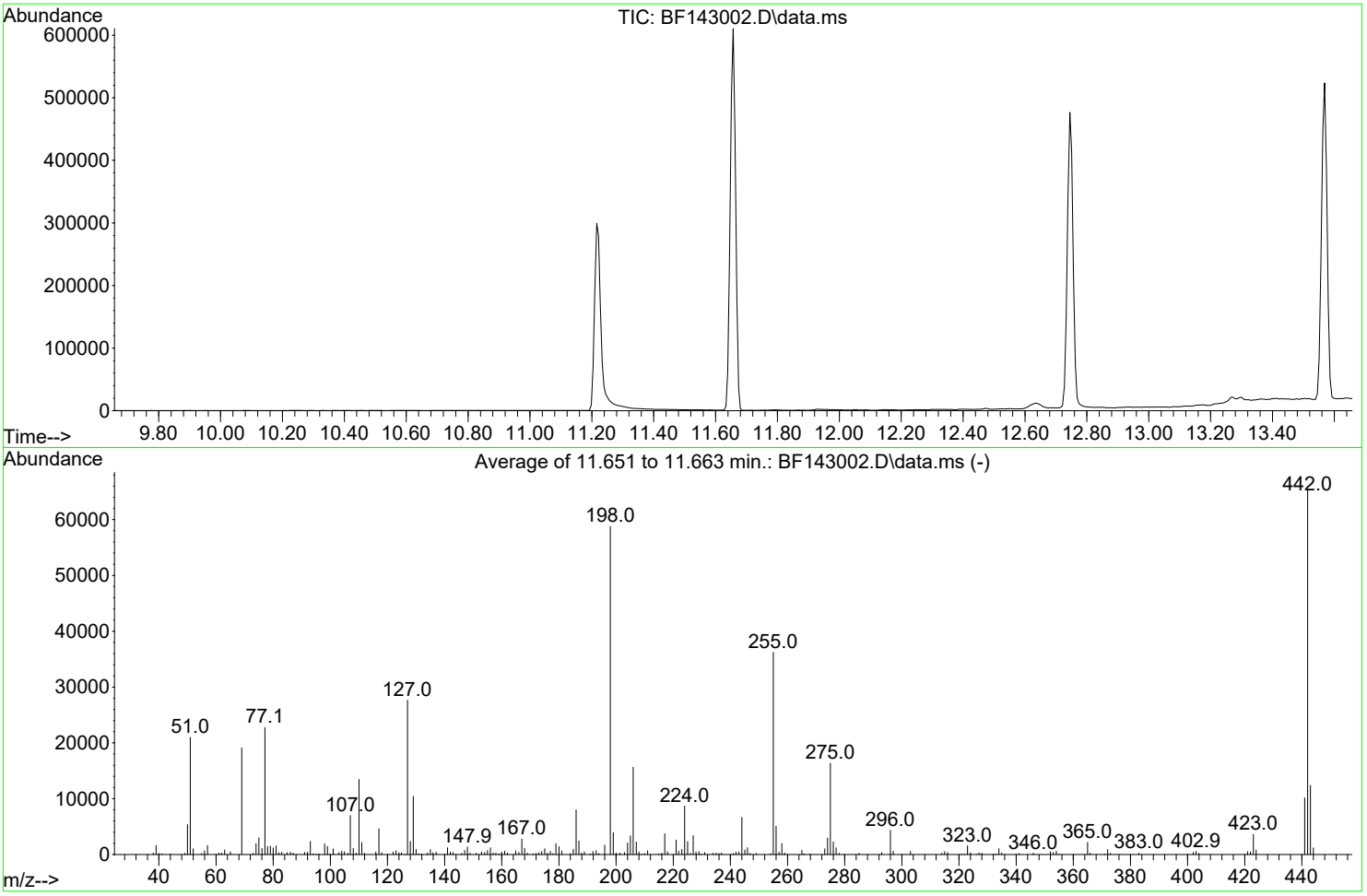
Sample Results: **BF143002.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143002.D
Acq On : 07 Jul 2025 11:12
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jun 24 05:28:21 2025



AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	19140	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	58773	PASS
199	198	5	9	6.7	3928	PASS
365	198	1	100	3.7	2188	PASS
441	443	0.01	150	81.7	10137	PASS
442	442	100	100	100.0	65205	PASS
443	442	15	24	19.0	12401	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/7/2025	BNA_F	BF143002.D
Compound Name	**Response**	**Retention Time**
DDT	129967	13.568
DDD	4973	13.268
DDE	479	12.933
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
5452	135419	4.03

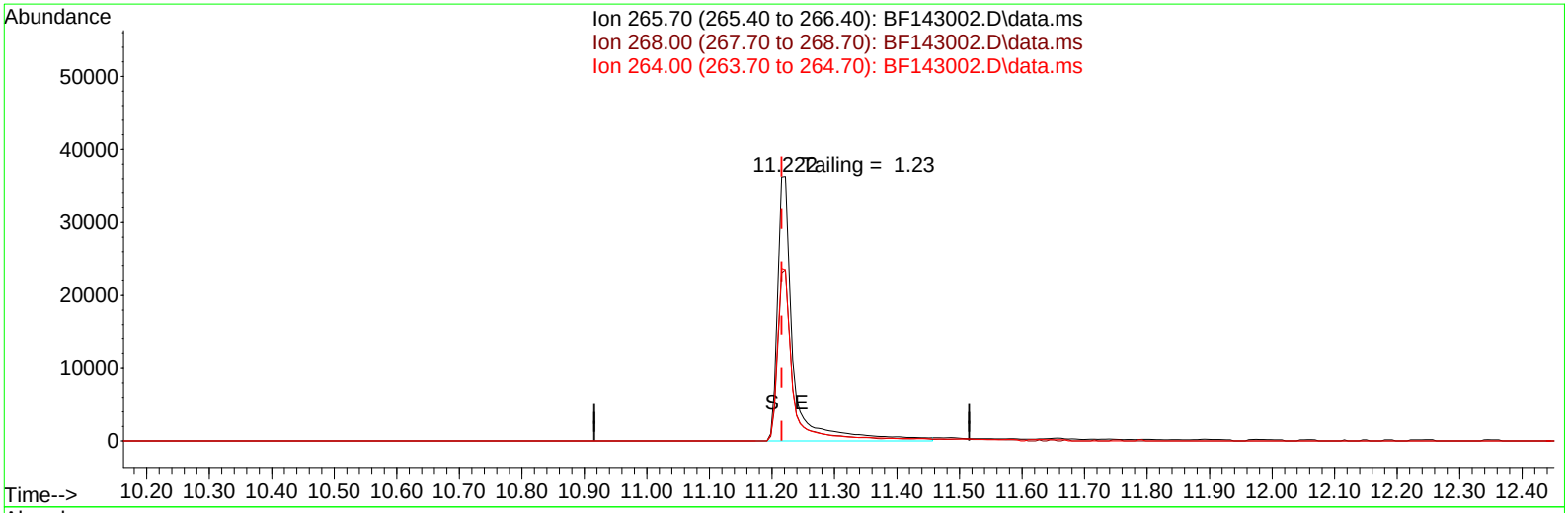
Instrument :
BNA_F
ClientSampleId :
DFTPP

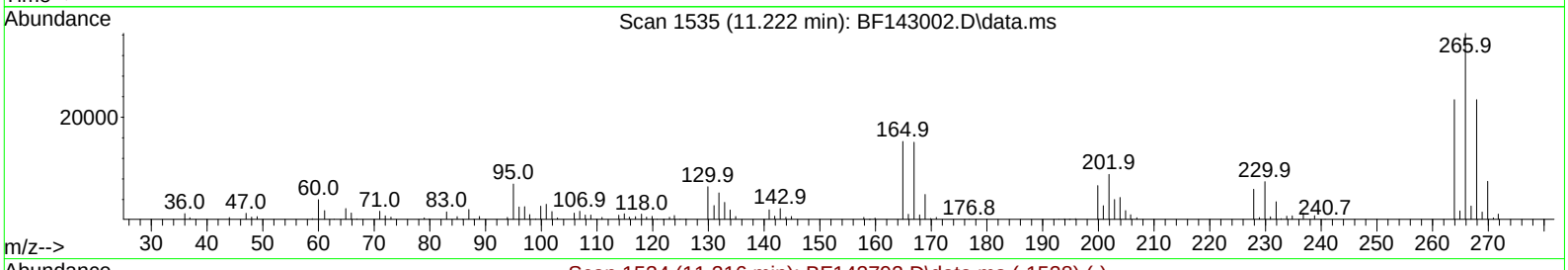
Sample Results: **BF143002.D**

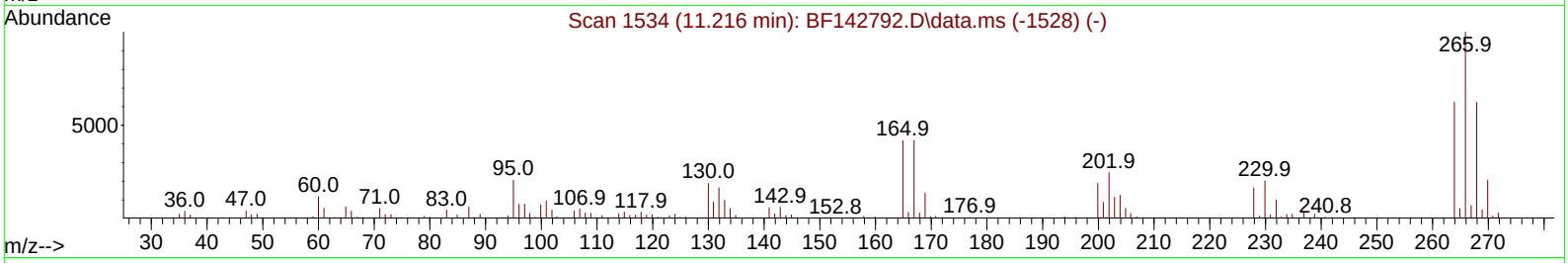
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143002.D
Acq On : 07 Jul 2025 11:12
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 07 13:07:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration







TIC: BF143002.D\data.ms

(70) Pentachlorophenol (C)

11.222min (+ 0.006) 41433.17 ng

response 63968

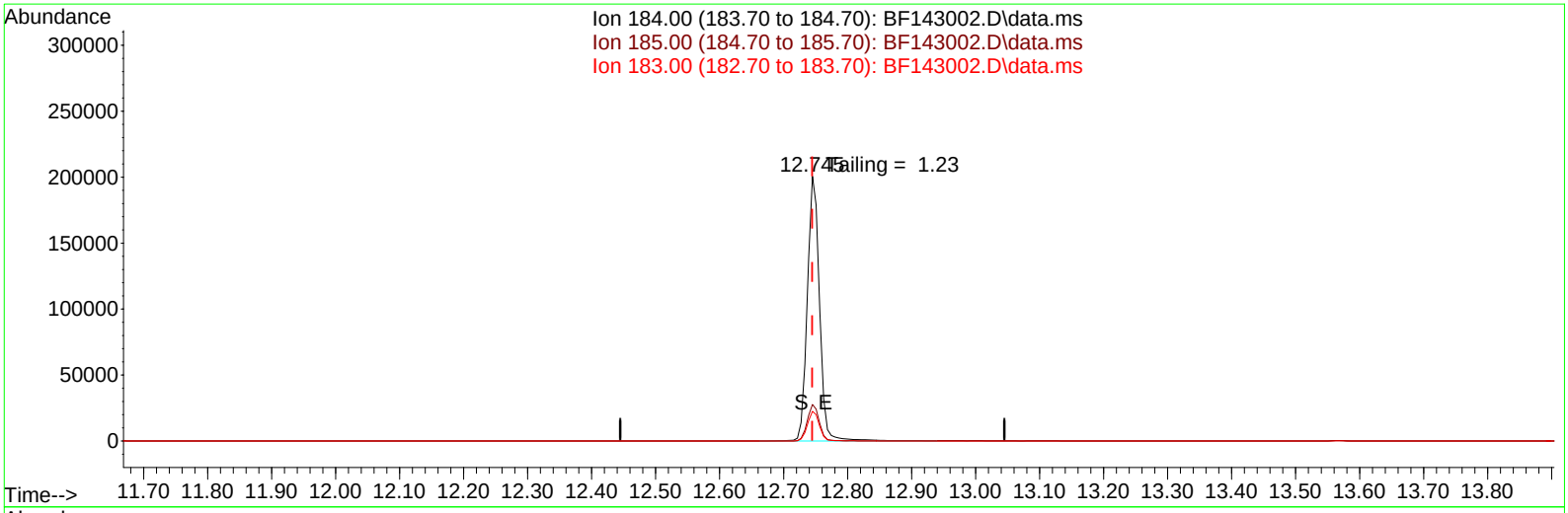
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	64.49
264.00	62.40	64.49
0.00	0.00	0.00

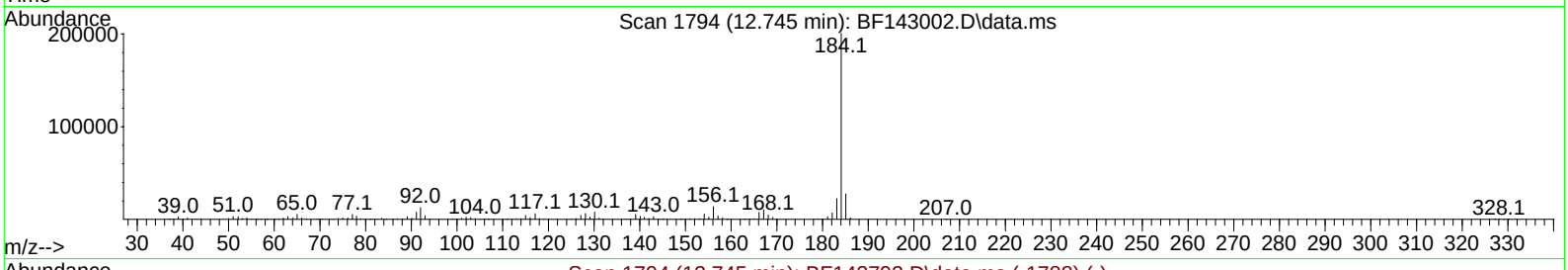
Sample Results: **BF143002.D**

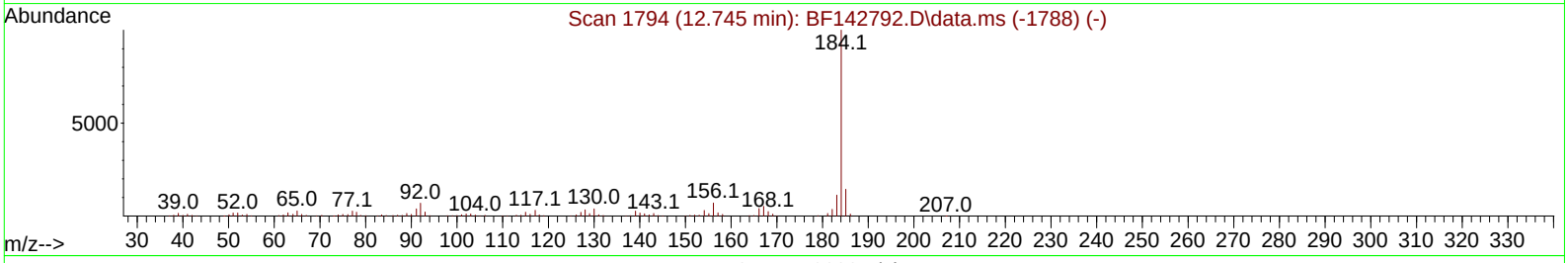
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143002.D
Acq On : 07 Jul 2025 11:12
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 07 13:07:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration







TIC: BF143002.D\data.ms

(77) Benzidine

12.745min (+ 0.000) 0.00 ng

response 267776

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.80
183.00	11.20	11.22
0.00	0.00	0.00

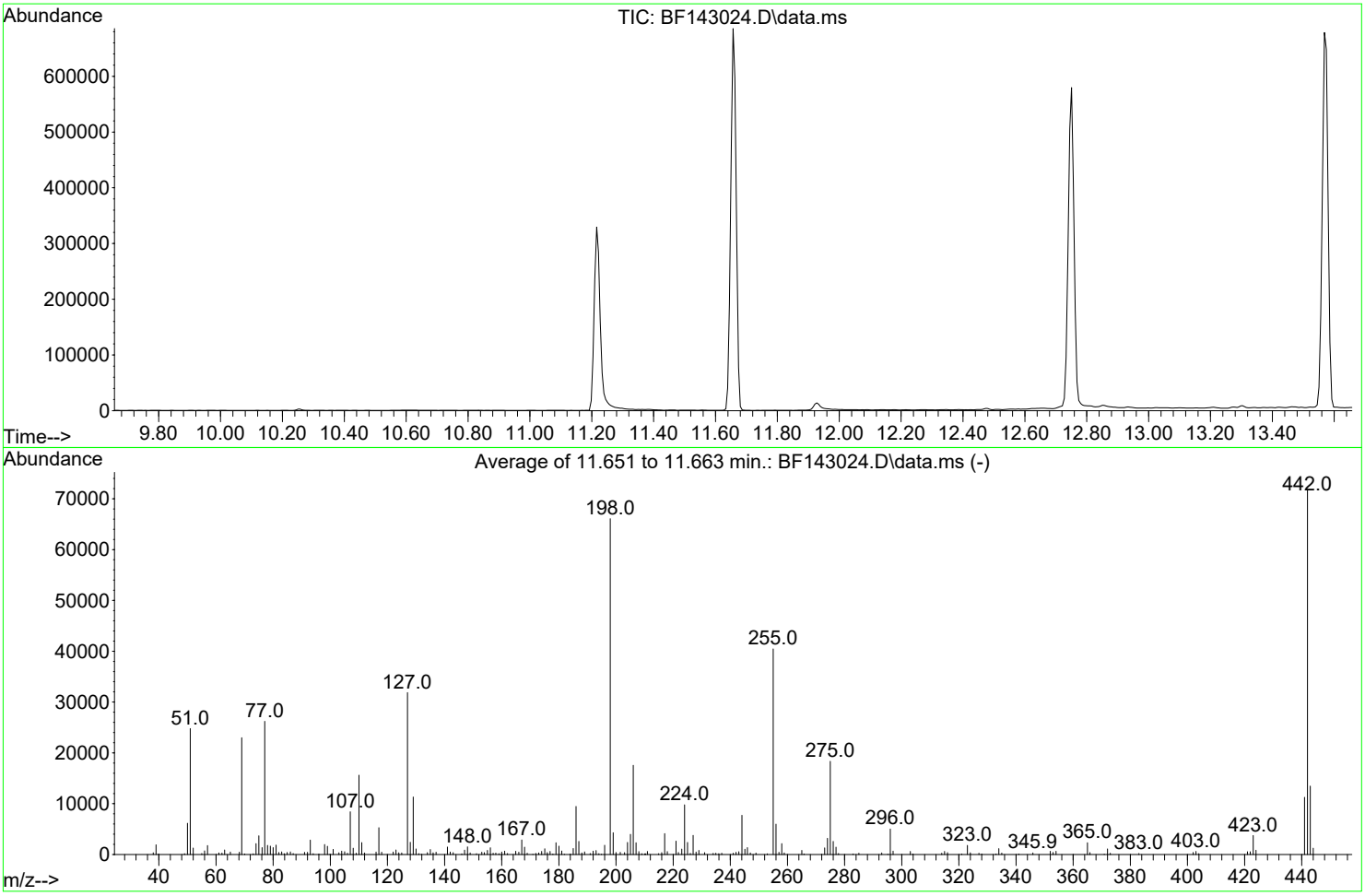
Sample Results: **BF143024.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143024.D
Acq On : 08 Jul 2025 10:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jun 24 05:28:21 2025



AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	2.0	457	PASS
69	69	100	100	100.0	22973	PASS
70	69	0.00	2	0.5	123	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	66072	PASS
199	198	5	9	6.5	4287	PASS
365	198	1	100	3.5	2336	PASS
441	443	0.01	150	83.6	11262	PASS
442	442	100	100	100.0	71613	PASS
443	442	15	24	18.8	13467	PASS

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

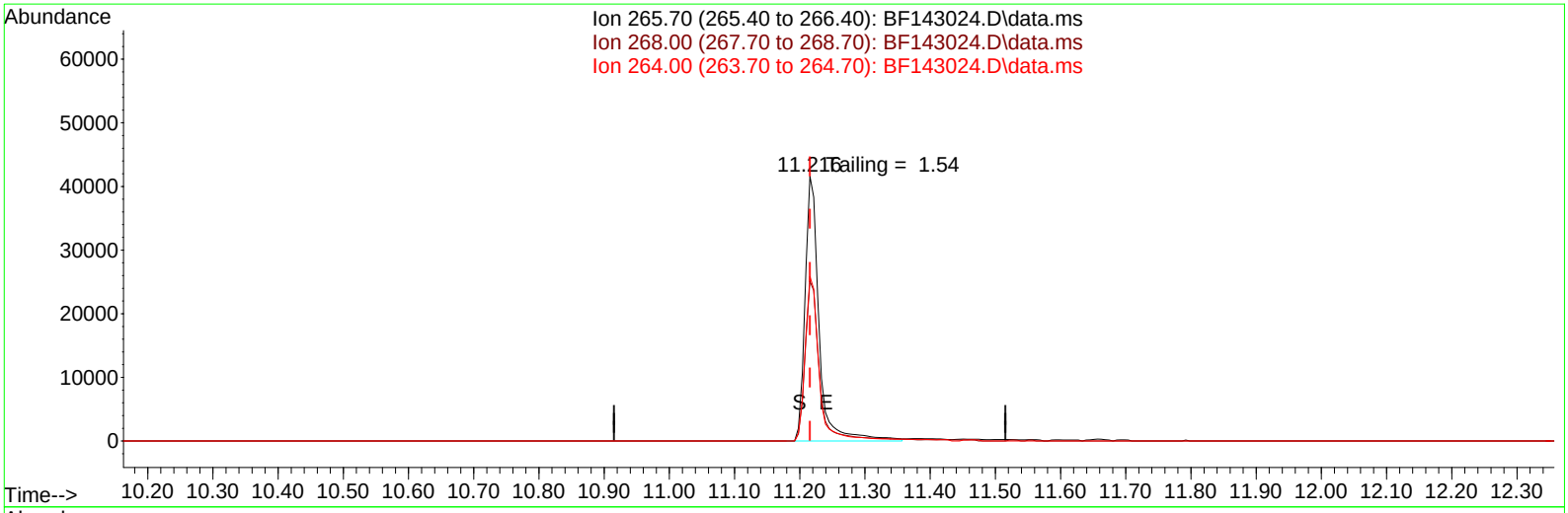
Date	Instrument Name	DFTPP Data File
7/8/2025	BNA_F	BF143024.D
Compound Name	**Response**	**Retention Time**
DDT	179865	13.568
DDD	3904	13.298
DDE	604	12.933
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
4508	184373	2.45

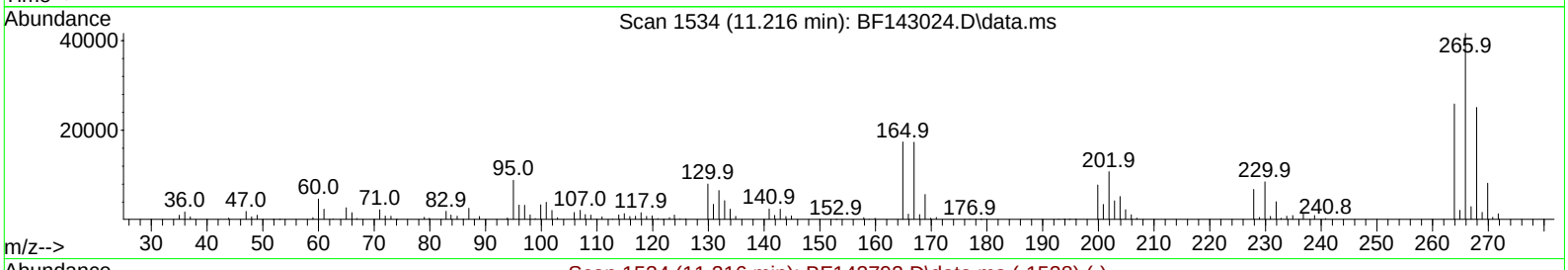
Sample Results: **BF143024.D**

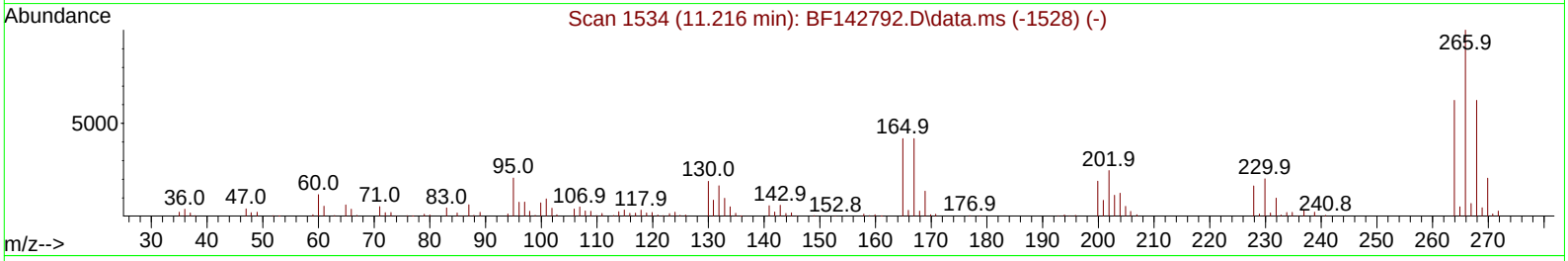
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143024.D
Acq On : 08 Jul 2025 10:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 08 11:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration







TIC: BF143024.D\data.ms

(70) Pentachlorophenol (C)

11.216min (+ 0.000) 28385.23 ng

response 62605

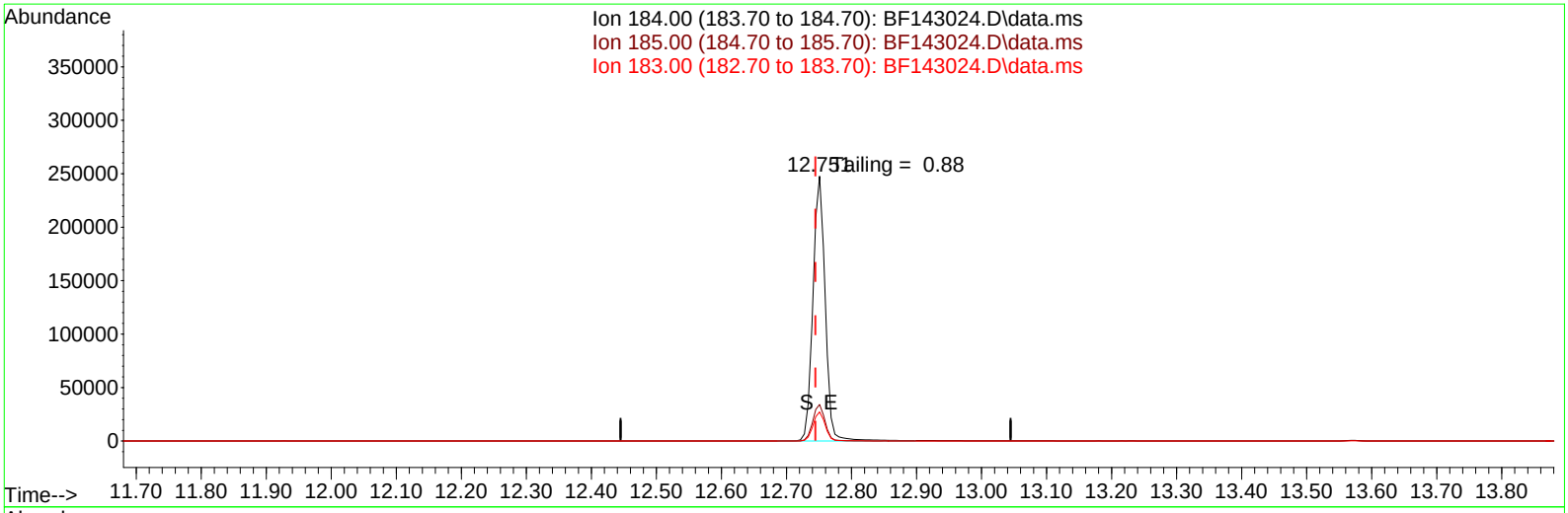
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	60.35
264.00	62.40	62.14
0.00	0.00	0.00

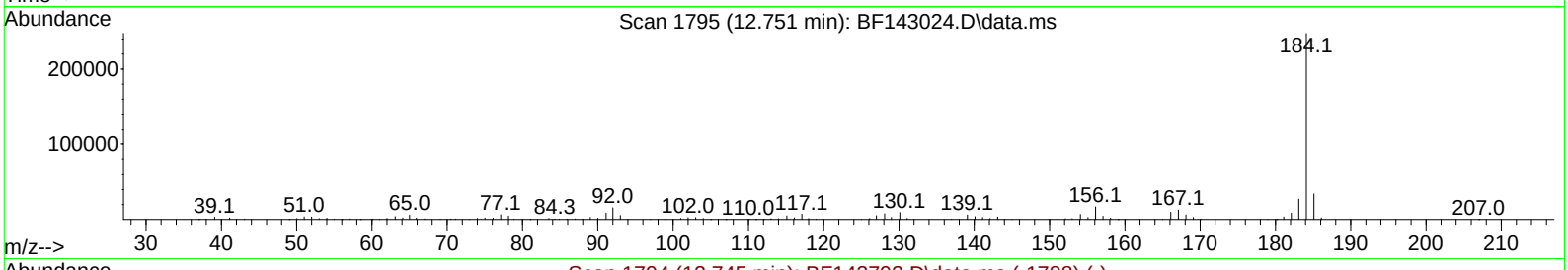
Sample Results: **BF143024.D**

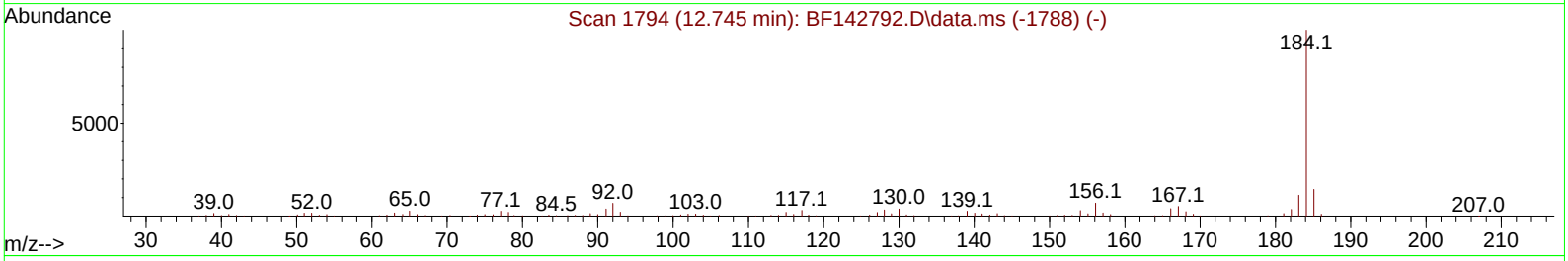
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143024.D
Acq On : 08 Jul 2025 10:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 08 11:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration







TIC: BF143024.D\data.ms

(77) Benzidine

12.751min (+ 0.006) 0.00 ng

response 326123

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.81
183.00	11.20	11.00
0.00	0.00	0.00

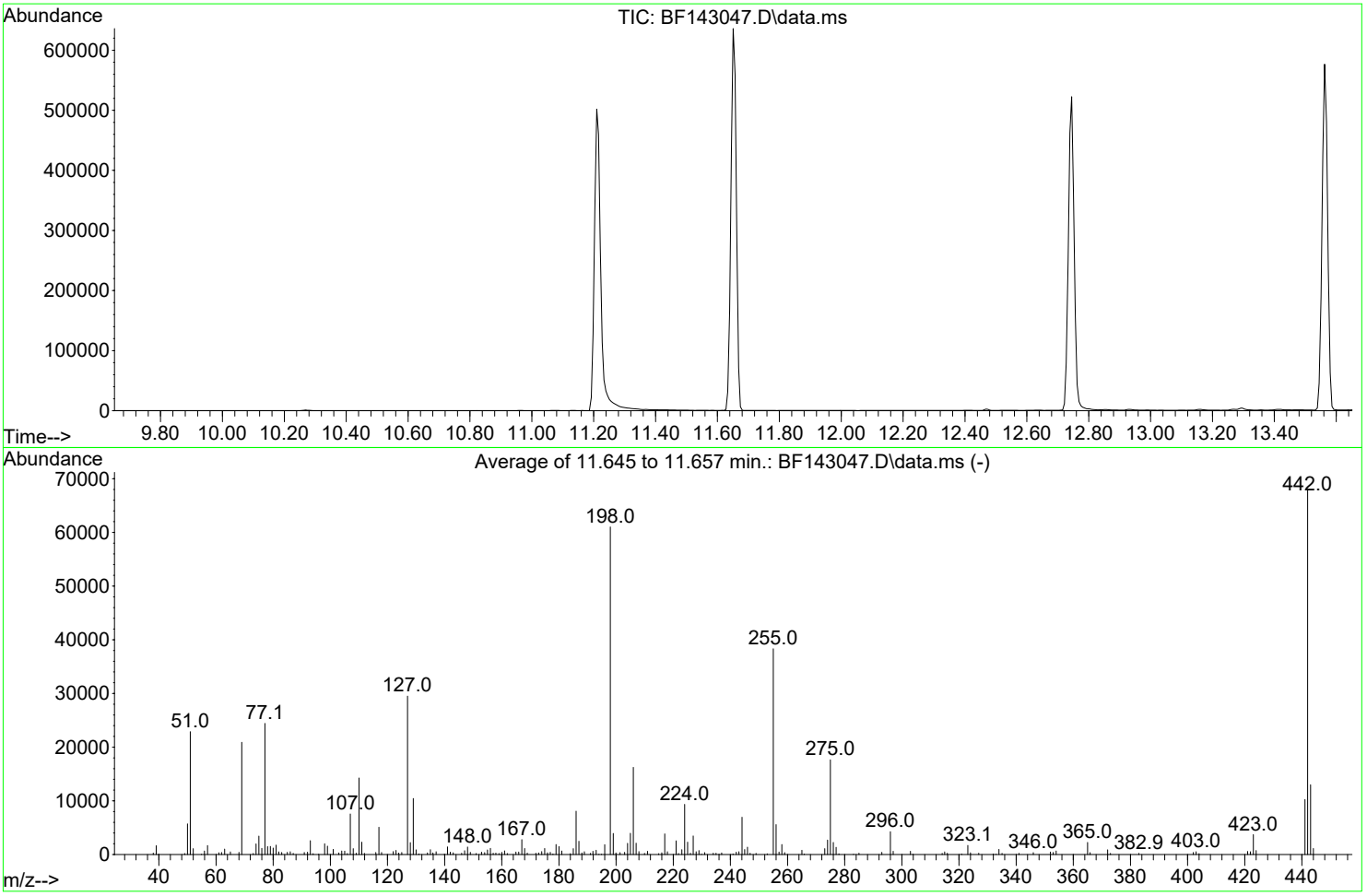
Sample Results: **BF143047.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143047.D
Acq On : 09 Jul 2025 10:22
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jun 24 05:28:21 2025



AutoFind: Scans 1607, 1608, 1609; Background Corrected with Scan 1601

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	406	PASS
69	69	100	100	100.0	20917	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	61016	PASS
199	198	5	9	6.5	3939	PASS
365	198	1	100	3.7	2249	PASS
441	443	0.01	150	78.8	10250	PASS
442	442	100	100	100.0	67792	PASS
443	442	15	24	19.2	13004	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/9/2025	BNA_F	BF143047.D
Compound Name	**Response**	**Retention Time**
DDT	150121	13.563
DDD	2906	13.292
DDE	645	12.927
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
3551	153672	2.31

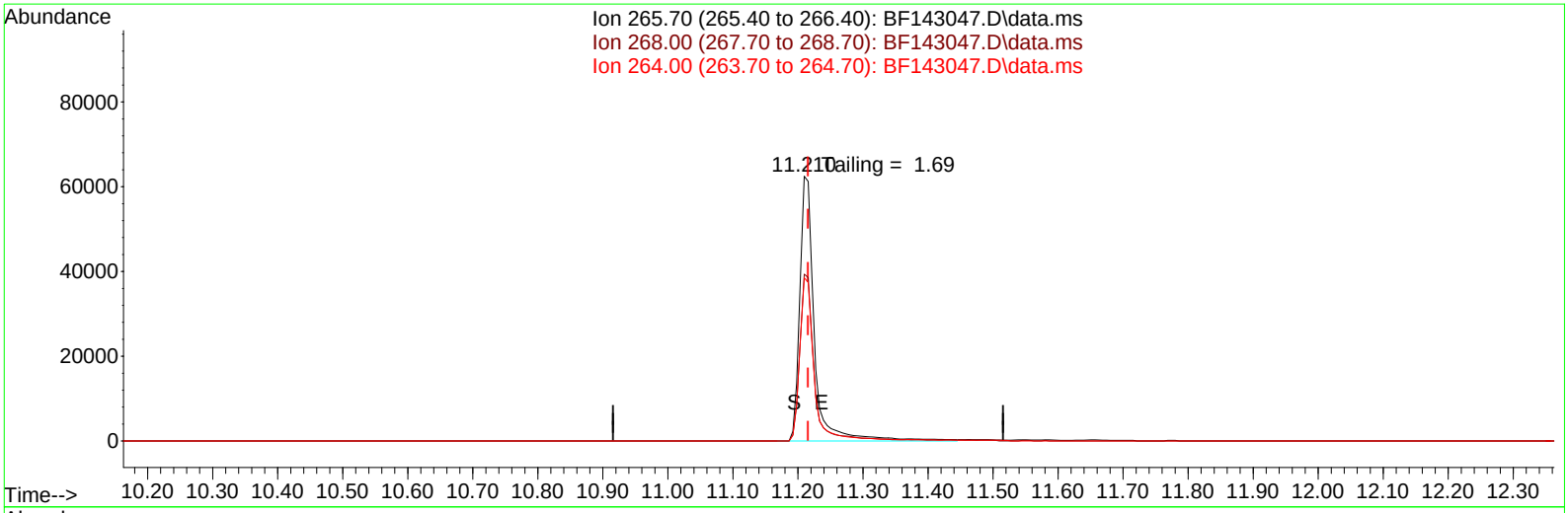
Instrument :
BNA_F
ClientSampleId :
DFTPP

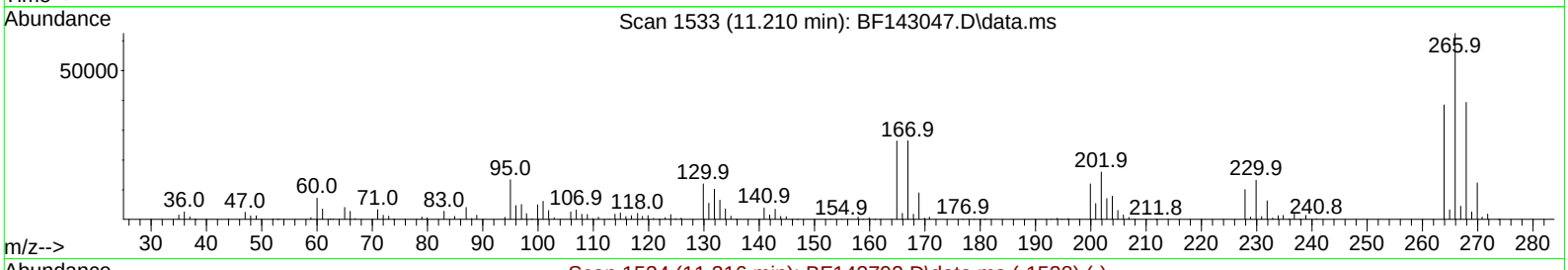
Sample Results: **BF143047.D**

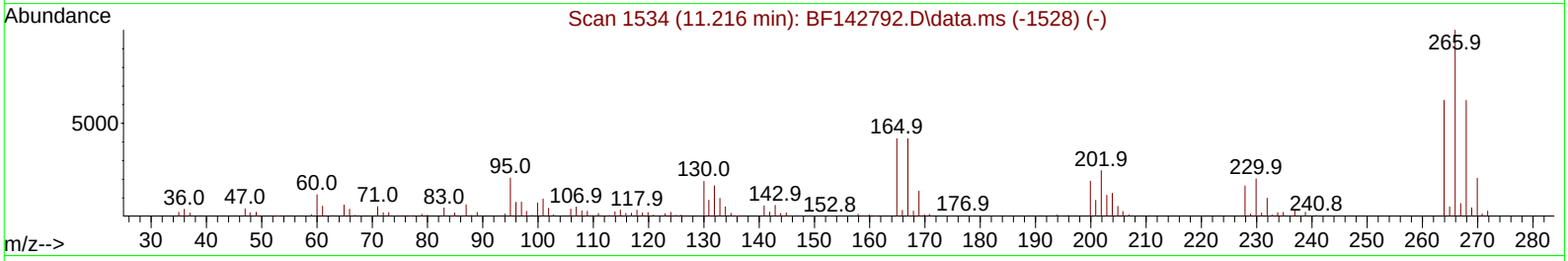
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143047.D
Acq On : 09 Jul 2025 10:22
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 09 11:29:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration







TIC: BF143047.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.006) 48733.15 ng

response 96735

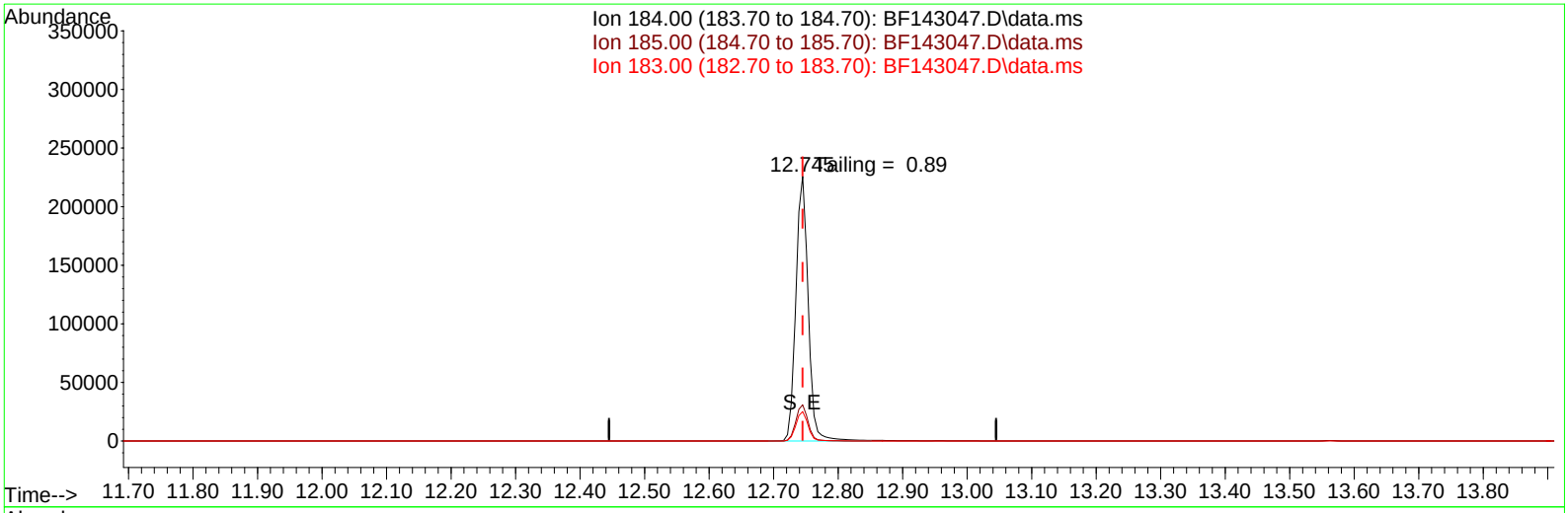
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	63.02
264.00	62.40	61.65
0.00	0.00	0.00

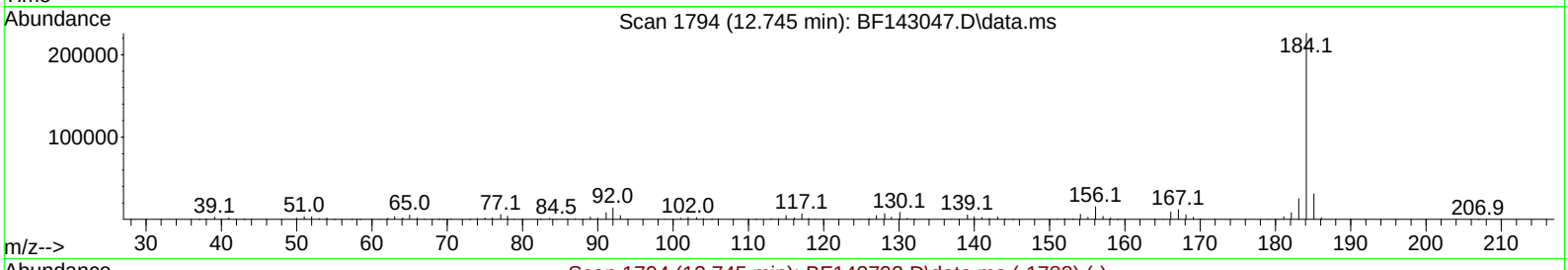
Sample Results: **BF143047.D**

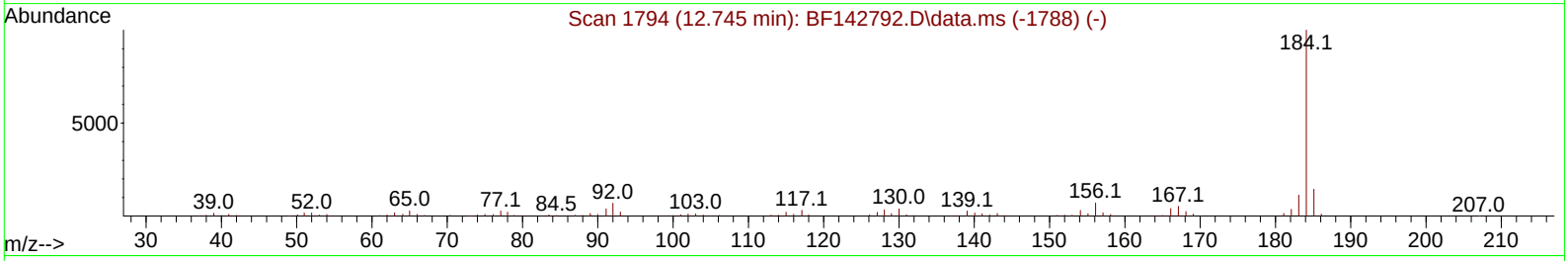
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143047.D
Acq On : 09 Jul 2025 10:22
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 09 11:29:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration







TIC: BF143047.D\data.ms

(77) Benzidine

12.745min (+ 0.000) 0.00 ng

response 301867

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.67
183.00	11.20	11.11
0.00	0.00	0.00

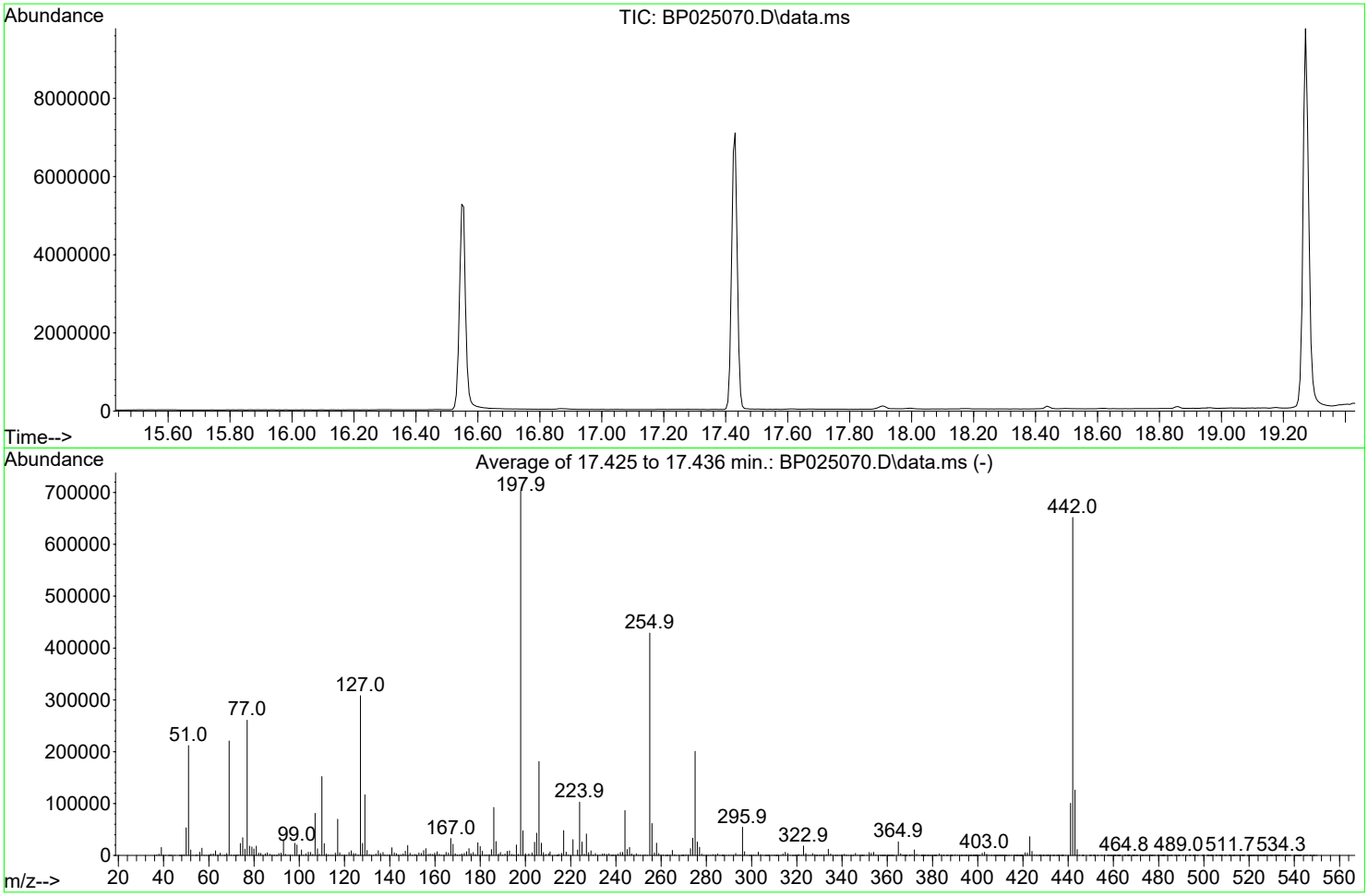
Sample Results: **BP025070.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025



AutoFind: Scans 2463, 2464, 2465; Background Corrected with Scan 2453

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	3747	PASS
69	69	100	100	100.0	220616	PASS
70	69	0.00	2	0.4	974	PASS
197	198	0.00	2	0.3	1975	PASS
198	198	100	100	100.0	702809	PASS
199	198	5	9	6.8	47648	PASS
365	198	1	100	3.7	26203	PASS
441	443	0.01	150	79.7	100672	PASS
442	442	100	100	100.0	651937	PASS
443	442	15	24	19.4	126320	PASS

DDT Breakdown

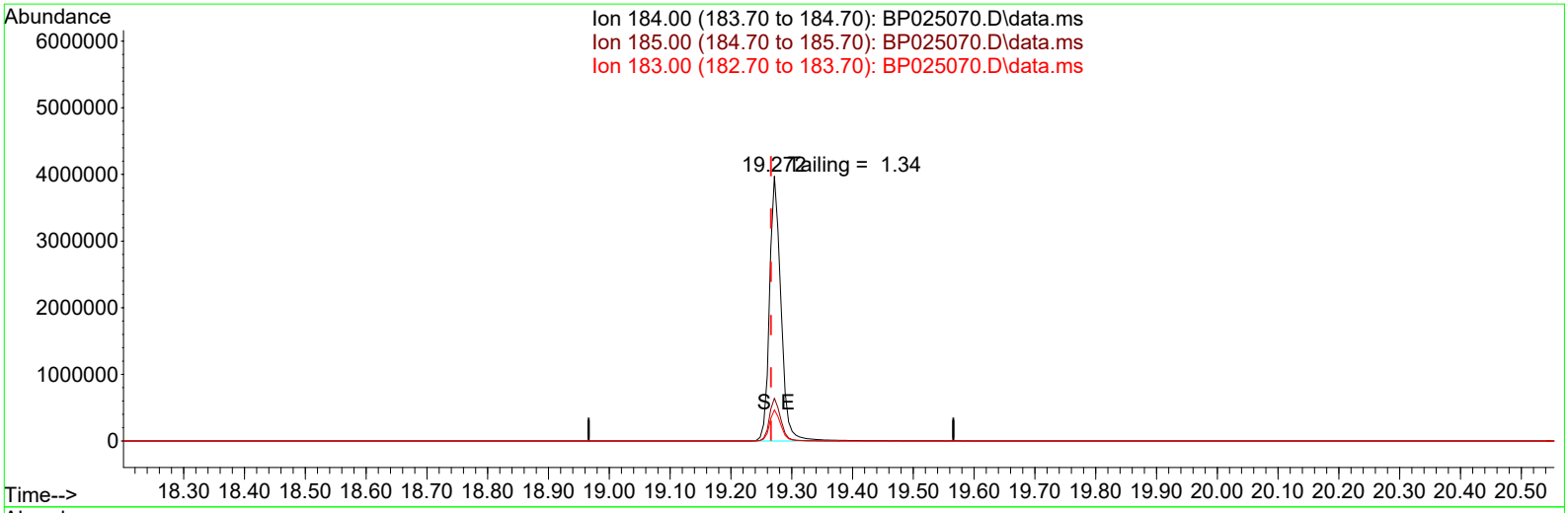
Date	Instrument Name	DFTPP Data File
7/3/2025	BNA_P	BP025070.D
Compound Name	**Response**	**Retention Time**
DDT	2078463	20.595
DDD	21773	20.183
DDE	1831	19.595
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
23604	2102067	1.12

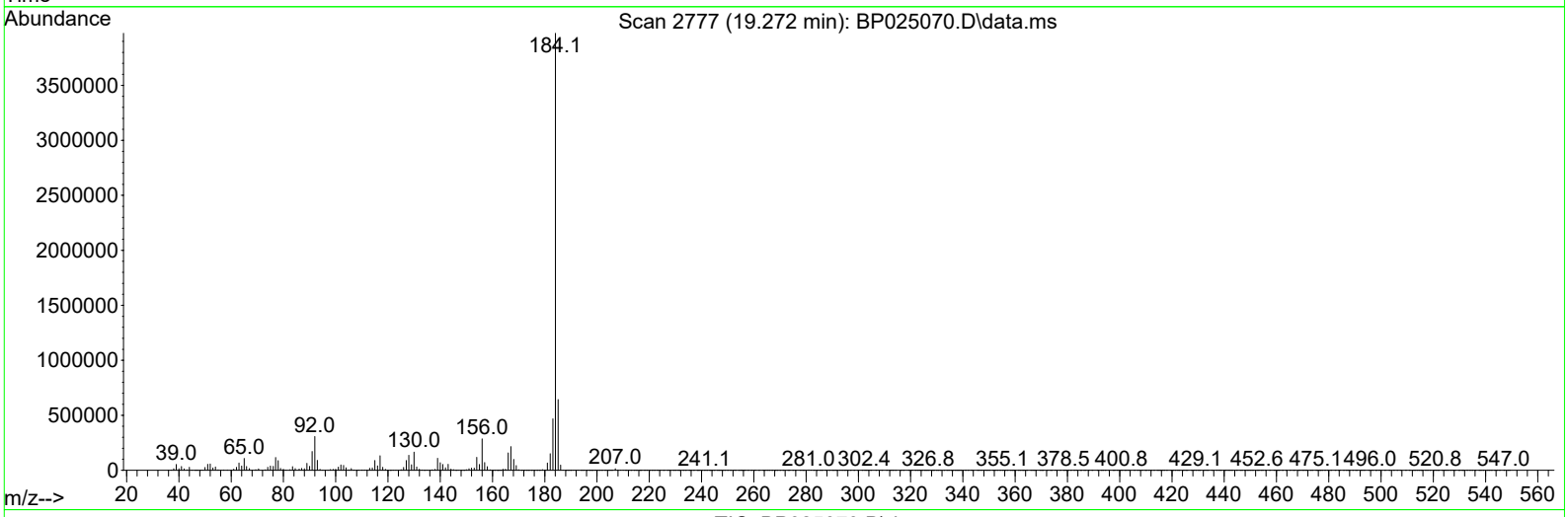
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 03 16:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration





TIC: BP025070.D\data.ms

(77) Benzidine

19.272min (+ 0.006) 5891.13 ng

response 5273970

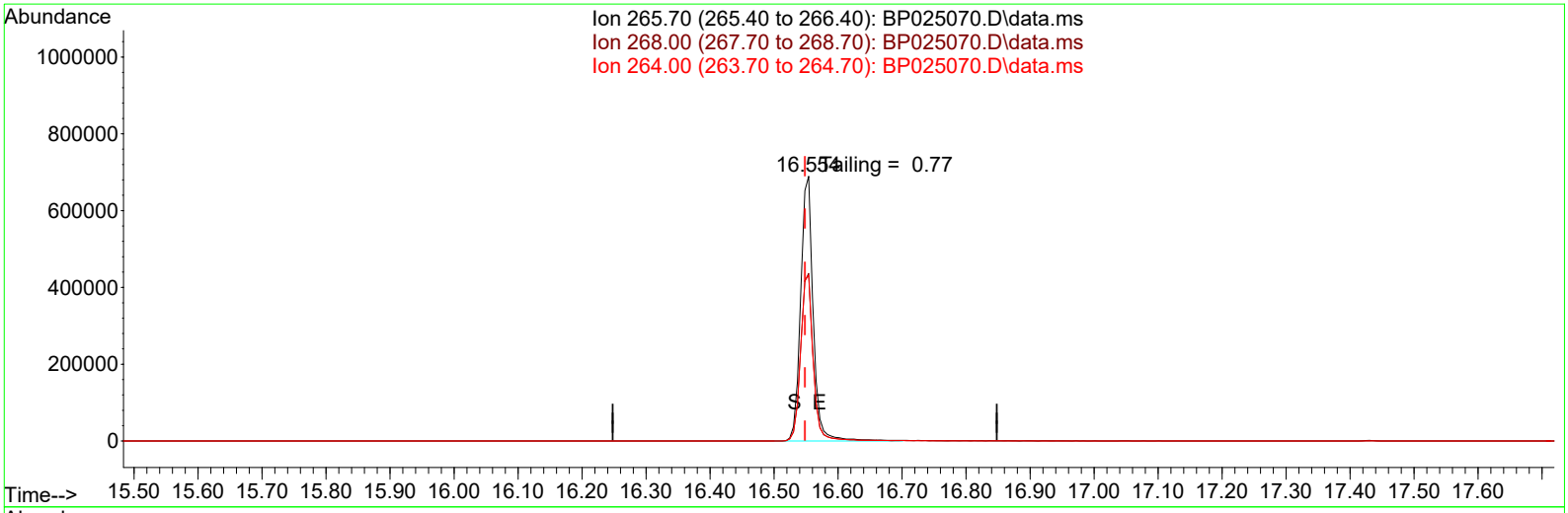
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	16.19
183.00	11.80	11.79
0.00	0.00	0.00

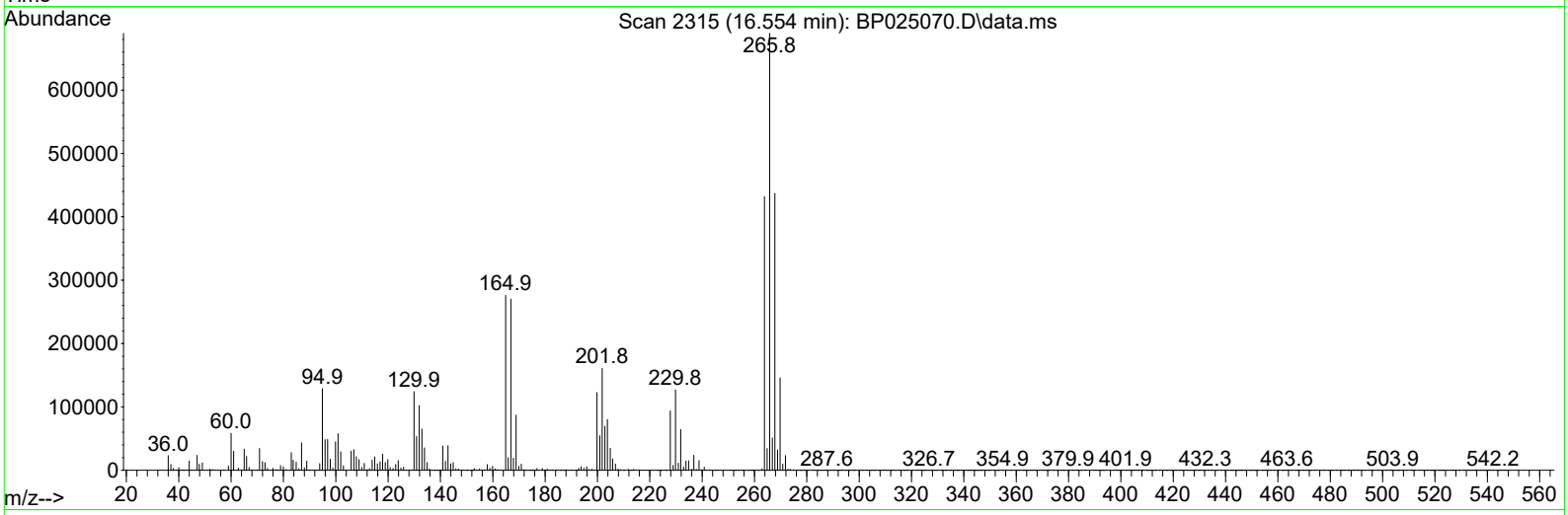
Sample Results: **BP025070.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 03 16:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration





TIC: BP025070.D\data.ms

(70) Pentachlorophenol (C)

16.554min (+ 0.006) 170301.74 ng

response 942789

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	63.35
264.00	62.70	62.60
0.00	0.00	0.00

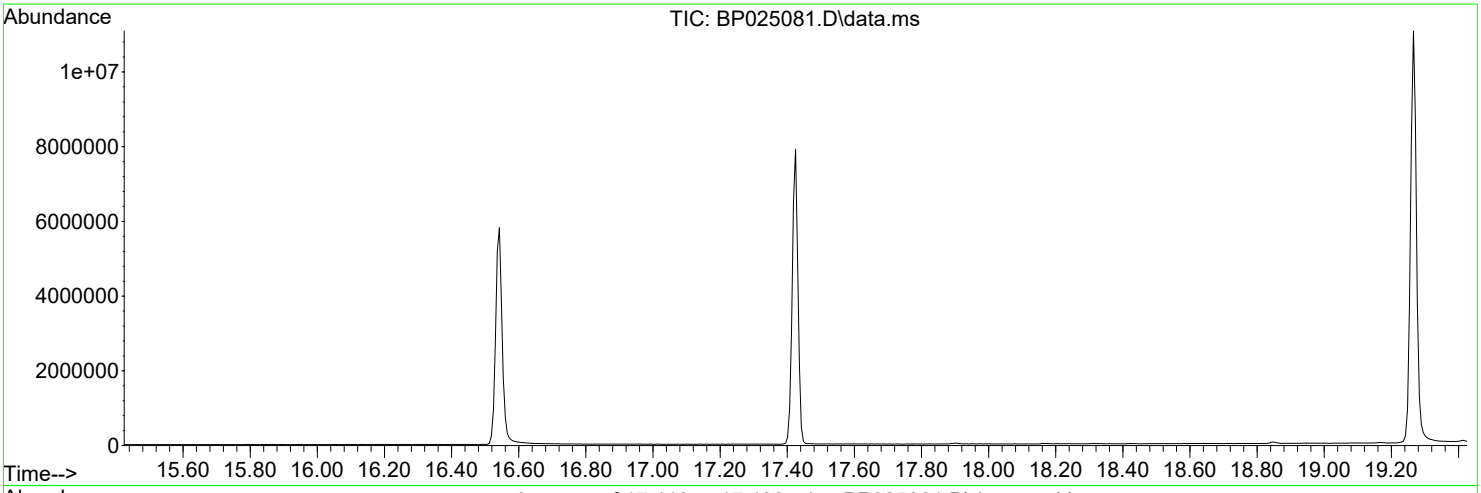
Sample Results: **BP025081.D**

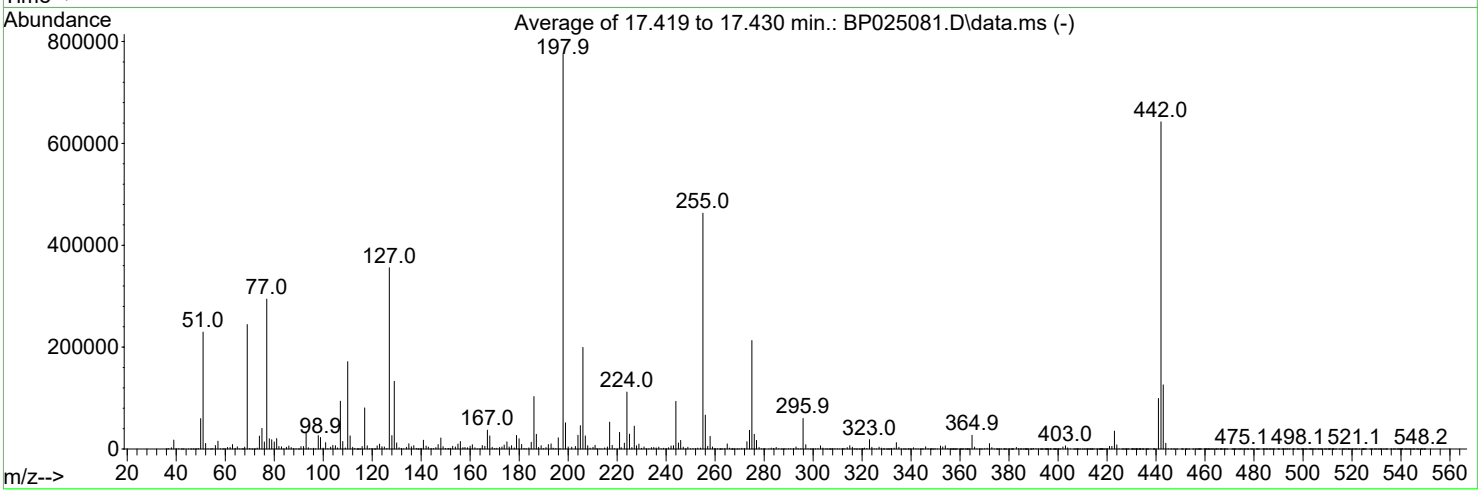
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025081.D
Acq On : 10 Jul 2025 13:18
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025





AutoFind: Scans 2462, 2463, 2464; Background Corrected with Scan 2448

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.5	3778	PASS
69	69	100	100	100.0	244532	PASS
70	69	0.00	2	0.5	1252	PASS
197	198	0.00	2	0.1	745	PASS
198	198	100	100	100.0	775174	PASS
199	198	5	9	6.7	51677	PASS
365	198	1	100	3.5	27166	PASS
441	443	0.01	150	78.8	99320	PASS
442	442	100	100	100.0	642507	PASS
443	442	15	24	19.6	126088	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/10/2025	BNA_P	BP025081.D
Compound Name	**Response**	**Retention Time**
DDT	2296271	20.571
DDD	29620	20.113
DDE	2816	19.589
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
32436	2328707	1.39

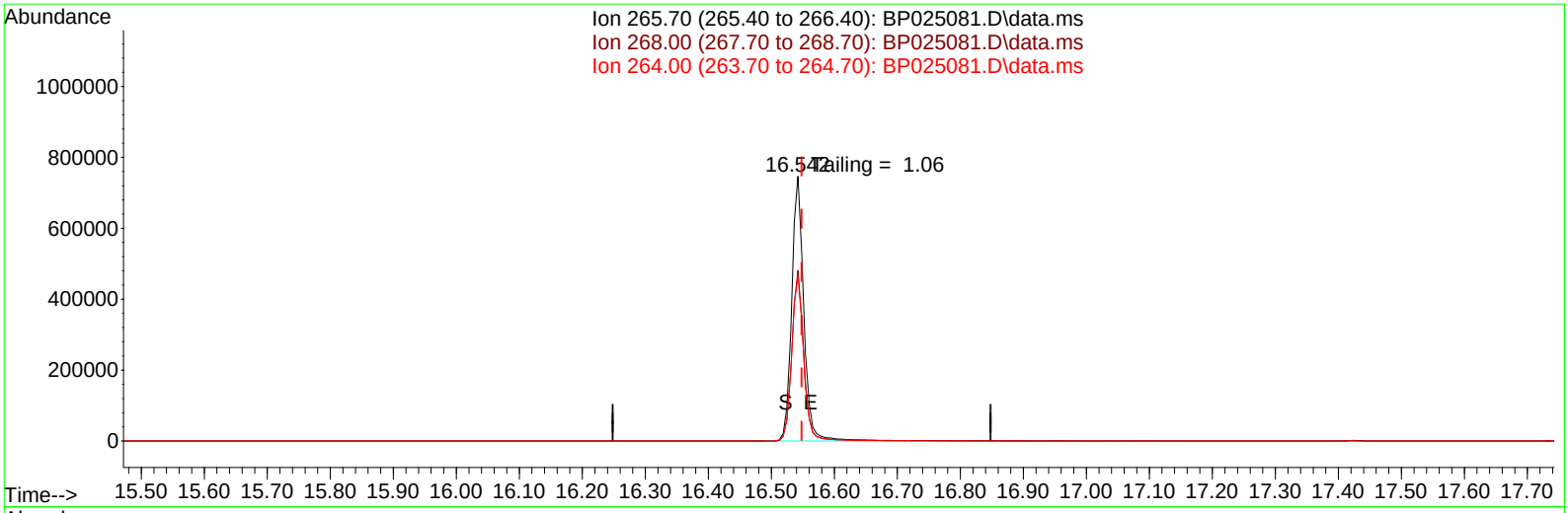
Instrument :
BNA_P
ClientSampleId :
DFTPP

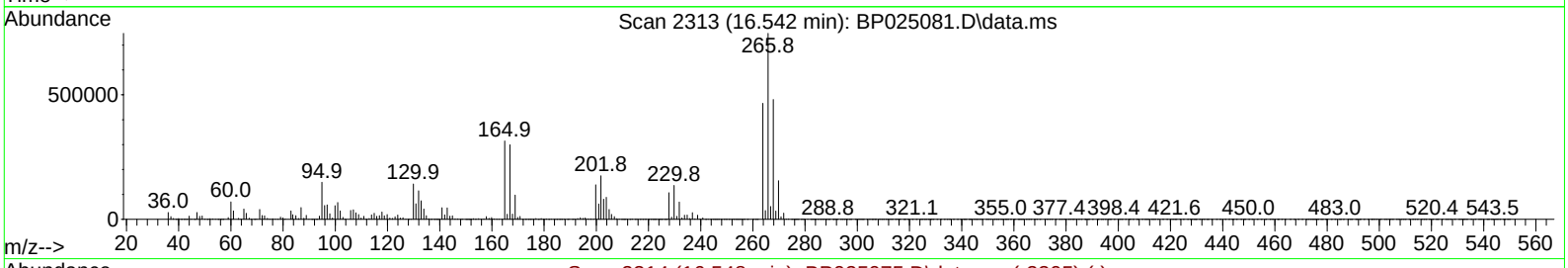
Sample Results: **BP025081.D**

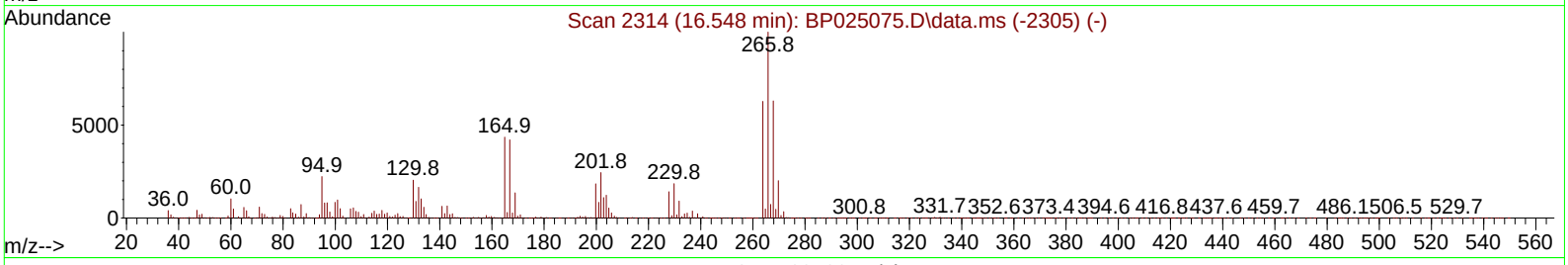
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025081.D
Acq On : 10 Jul 2025 13:18
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 10 15:22:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025081.D\data.ms

(70) Pentachlorophenol (C)

16.542min (-0.006) 1224837.14 ng

response 1004163

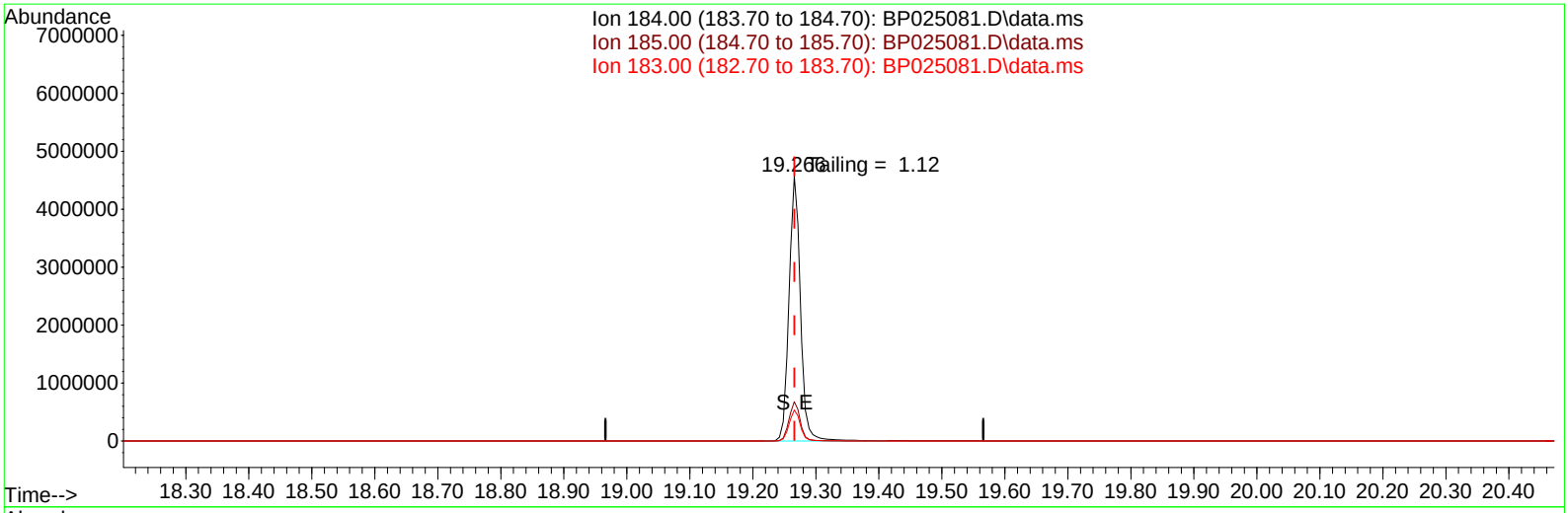
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	64.46
264.00	62.70	62.36
0.00	0.00	0.00

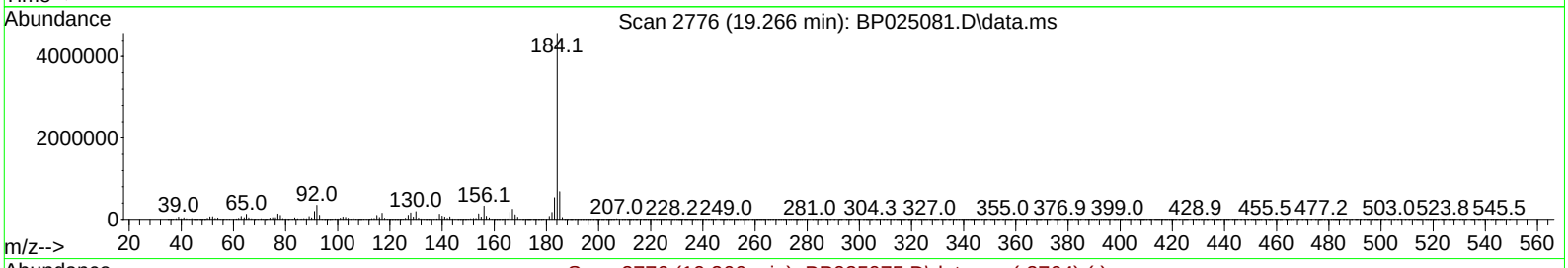
Sample Results: **BP025081.D**

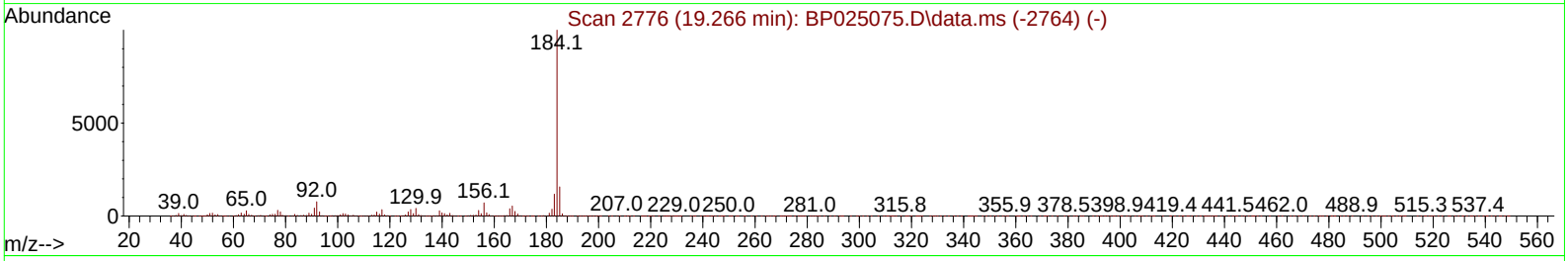
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025081.D
Acq On : 10 Jul 2025 13:18
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 10 15:22:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025081.D\data.ms

(77) Benzidine

19.266min (-0.000) 557908.95 ng

response 5813536

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.87
183.00	11.80	11.69
0.00	0.00	0.00

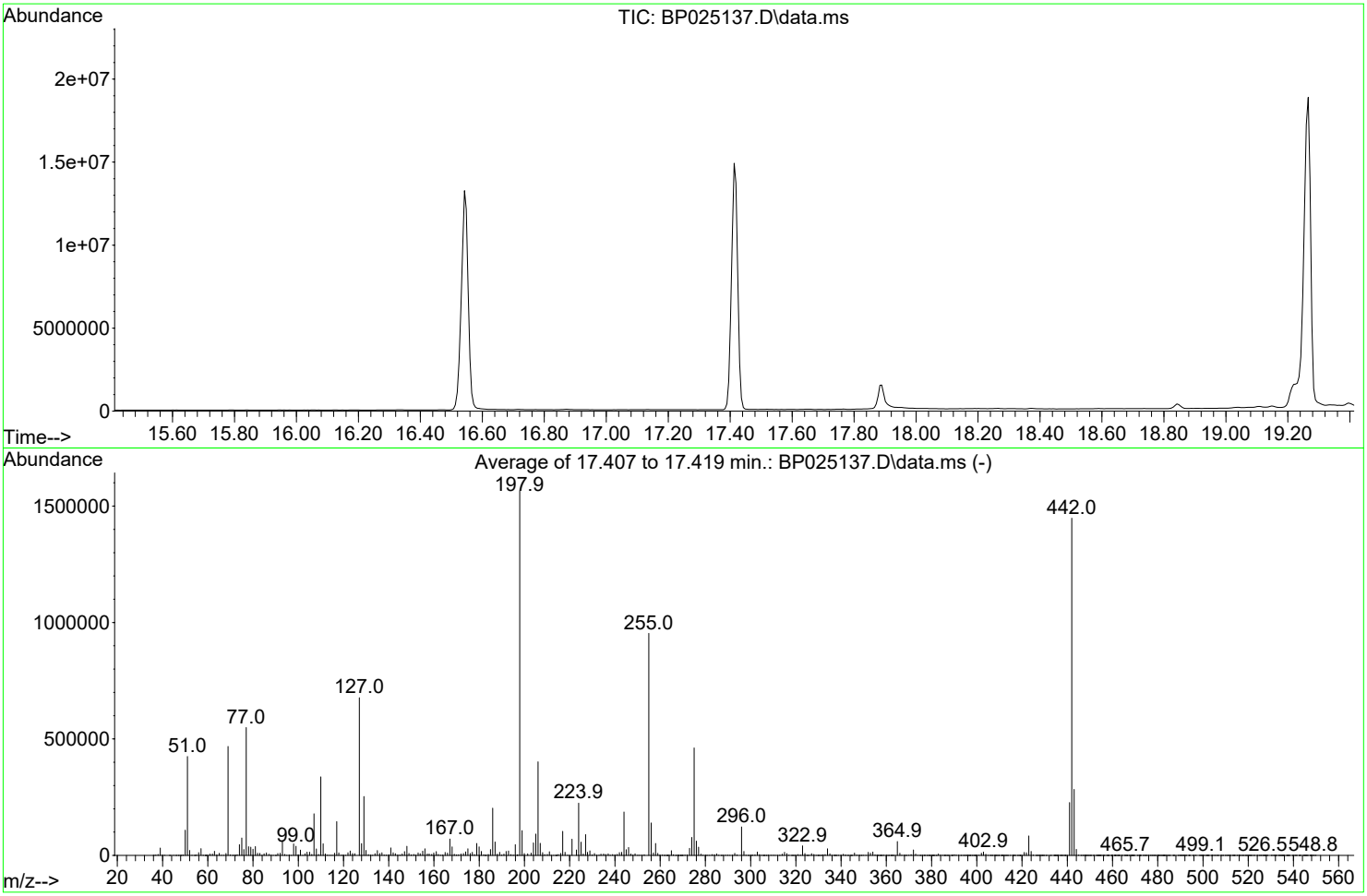
Sample Results: **BP025137.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025137.D
Acq On : 15 Jul 2025 08:55
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025



AutoFind: Scans 2460, 2461, 2462; Background Corrected with Scan 2449

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	8083	PASS
69	69	100	100	100.0	467686	PASS
70	69	0.00	2	0.5	2432	PASS
197	198	0.00	2	0.2	3025	PASS
198	198	100	100	100.0	1564419	PASS
199	198	5	9	6.8	106484	PASS
365	198	1	100	3.8	59381	PASS
441	443	0.01	150	79.9	226731	PASS
442	442	100	100	100.0	1448320	PASS
443	442	15	24	19.6	283648	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/15/2025	BNA_P	BP025137.D
Compound Name	**Response**	**Retention Time**
DDT	5862215	20.571
DDD	105722	20.154
DDE	3773	19.577
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
109495	5971710	1.83

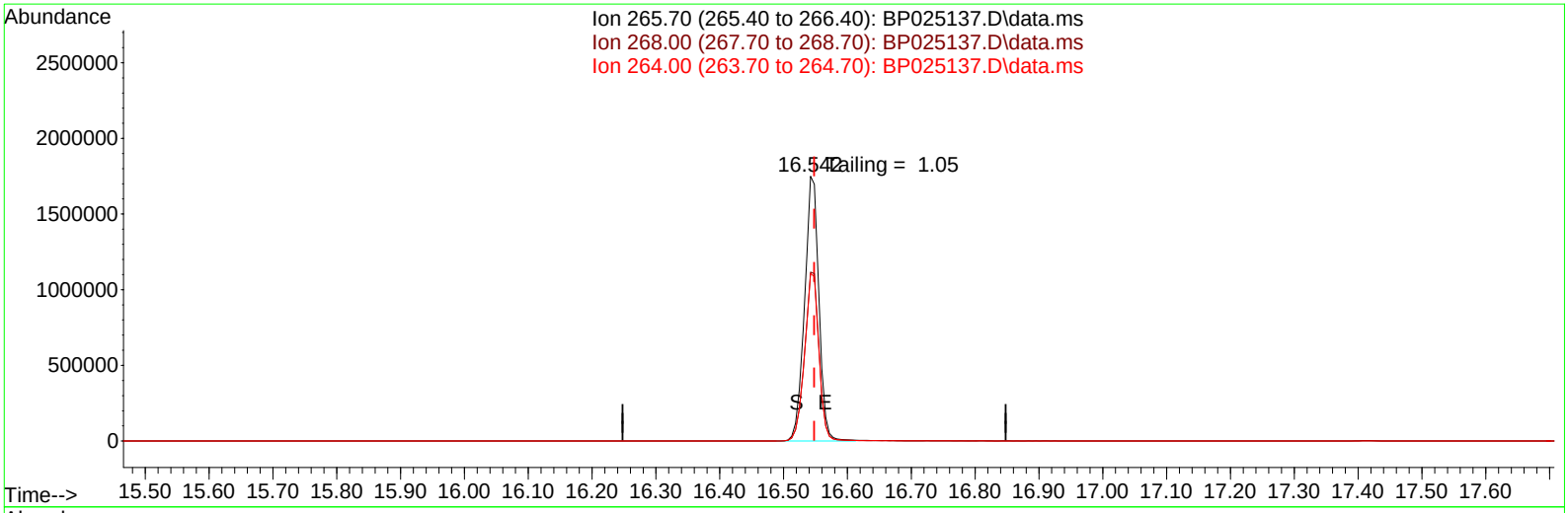
Instrument :
BNA_P
ClientSampleId :
DFTPP

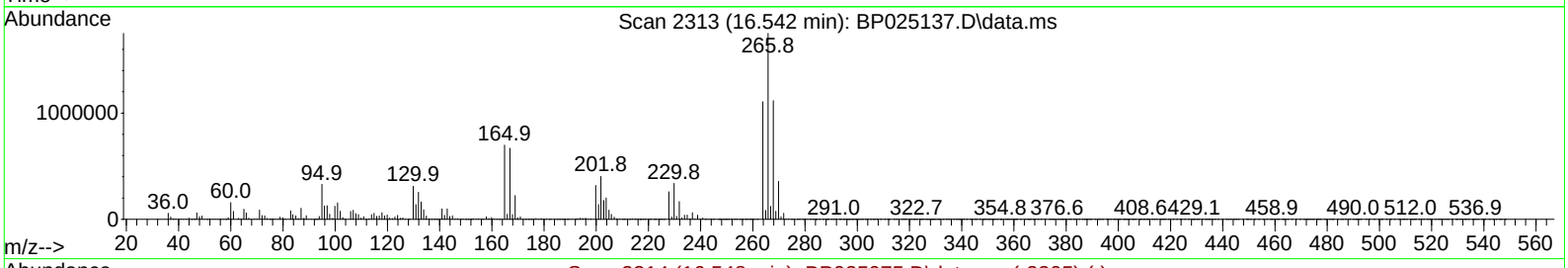
Sample Results: **BP025137.D**

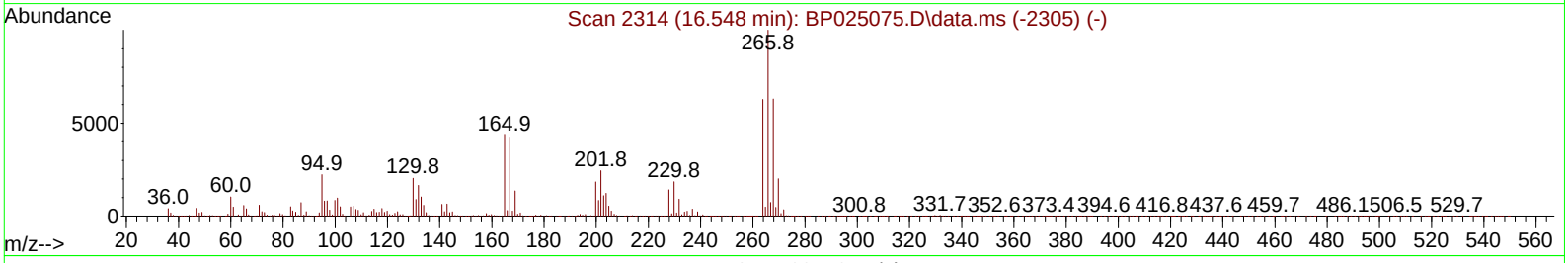
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025137.D
Acq On : 15 Jul 2025 08:55
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 15 11:52:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025137.D\data.ms

(70) Pentachlorophenol (C)

16.542min (-0.006) 102240.67 ng

response 2751382

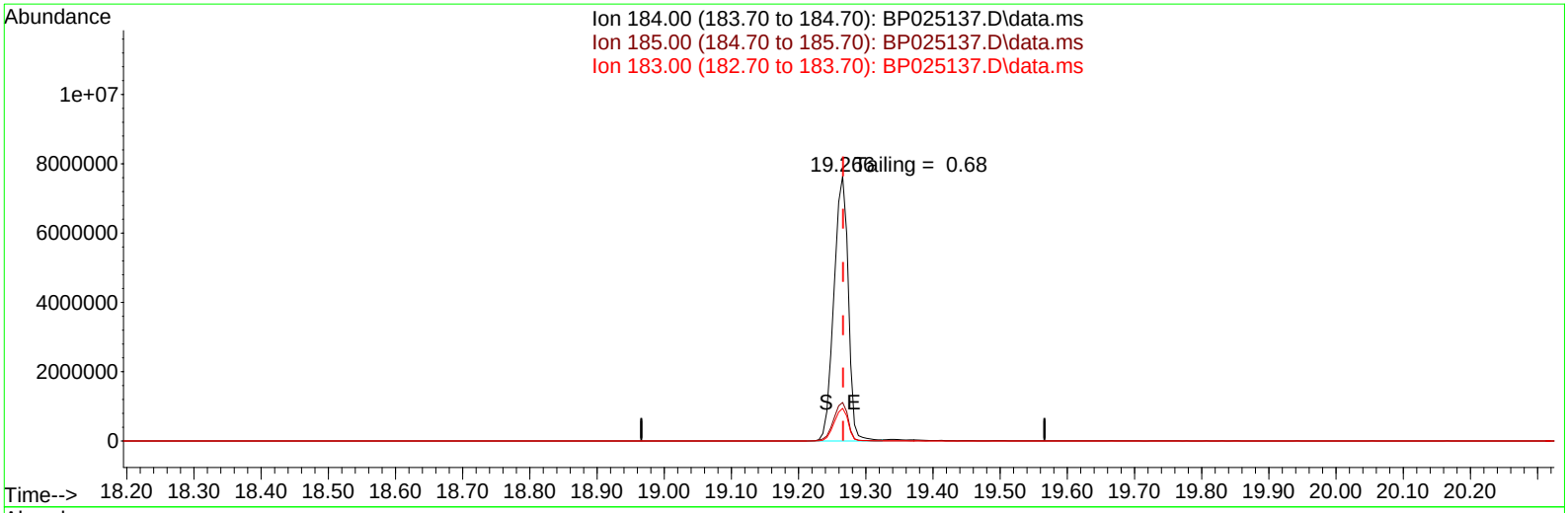
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	63.81
264.00	62.70	63.25
0.00	0.00	0.00

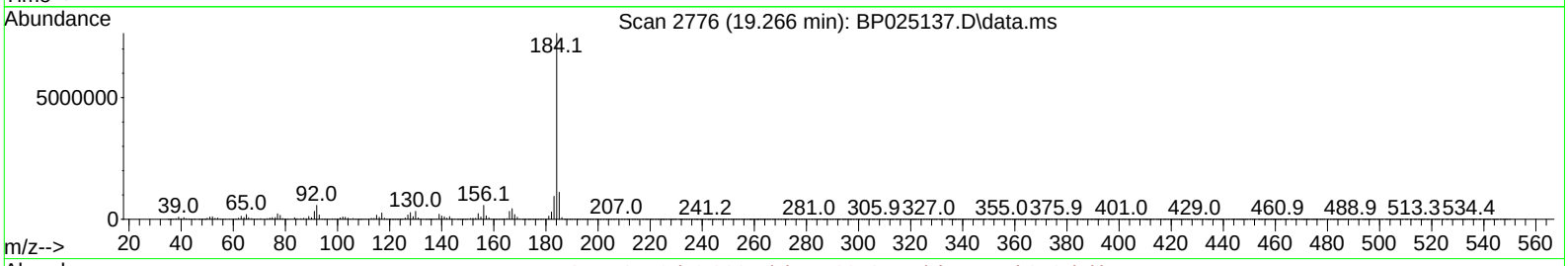
Sample Results: **BP025137.D**

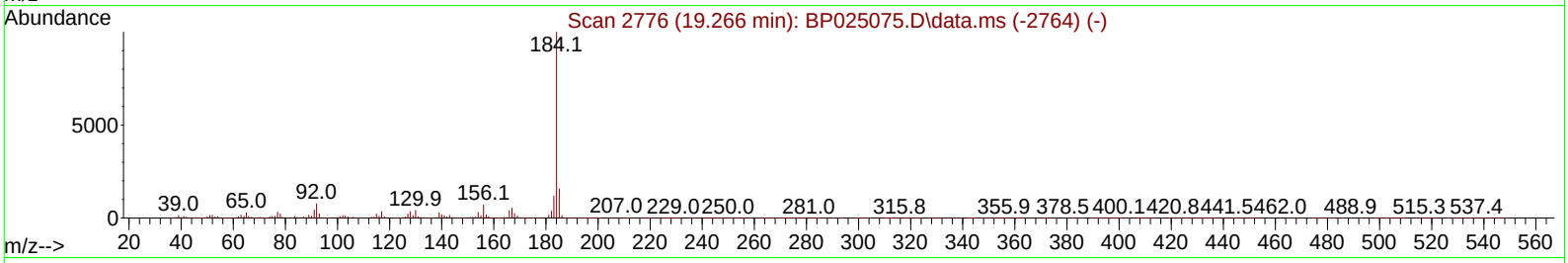
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025137.D
Acq On : 15 Jul 2025 08:55
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 15 11:52:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025137.D\data.ms

(77) Benzidine

19.266min (-0.000) 24087.44 ng

response 11322496

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.57
183.00	11.80	12.35
0.00	0.00	0.00

Raw Data: **BF143004.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168722BL	SDG No.:	Q2487
Lab Sample ID:	PB168722BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143004.D	1	07/03/25 09:00	07/07/25 12:42	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.1	U	58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.7	U	64.7	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	52.0	U	52.0	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: **BF143004.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168722BL	SDG No.:	Q2487
Lab Sample ID:	PB168722BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143004.D	1	07/03/25 09:00	07/07/25 12:42	PB168722

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	50.0	U	50.0	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	64.1	U	64.1	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	51.2	U	51.2	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	71.3	U	71.3	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	59.1	U	59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Raw Data: **BF143004.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168722BL	SDG No.:	Q2487
Lab Sample ID:	PB168722BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143004.D	1	07/03/25 09:00	07/07/25 12:42	PB168722

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	124		18 - 112	83%	SPK: 150
13127-88-3	Phenol-d6	126		15 - 107	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.3		18 - 107	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		20 - 109	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		10 - 116	83%	SPK: 150
1718-51-0	Terphenyl-d14	78.0		10 - 105	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69500	6.875			
1146-65-2	Naphthalene-d8	264000	8.157			
15067-26-2	Acenaphthene-d10	142000	9.916			
1517-22-2	Phenanthrene-d10	239000	11.404			
1719-03-5	Chrysene-d12	130000	14.051			
1520-96-3	Perylene-d12	143000	15.551			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	320	A		5.10	ug/Kg
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	450	J		17.3	ug/Kg

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168722BL	SDG No.:	Q2487
Lab Sample ID:	PB168722BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143004.D	1	07/03/25 09:00	07/07/25 12:42	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143004.D
Acq On : 07 Jul 2025 12:42
Operator : RC/JU
Sample : PB168722BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168722BL

Quant Time: Jul 07 13:10:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

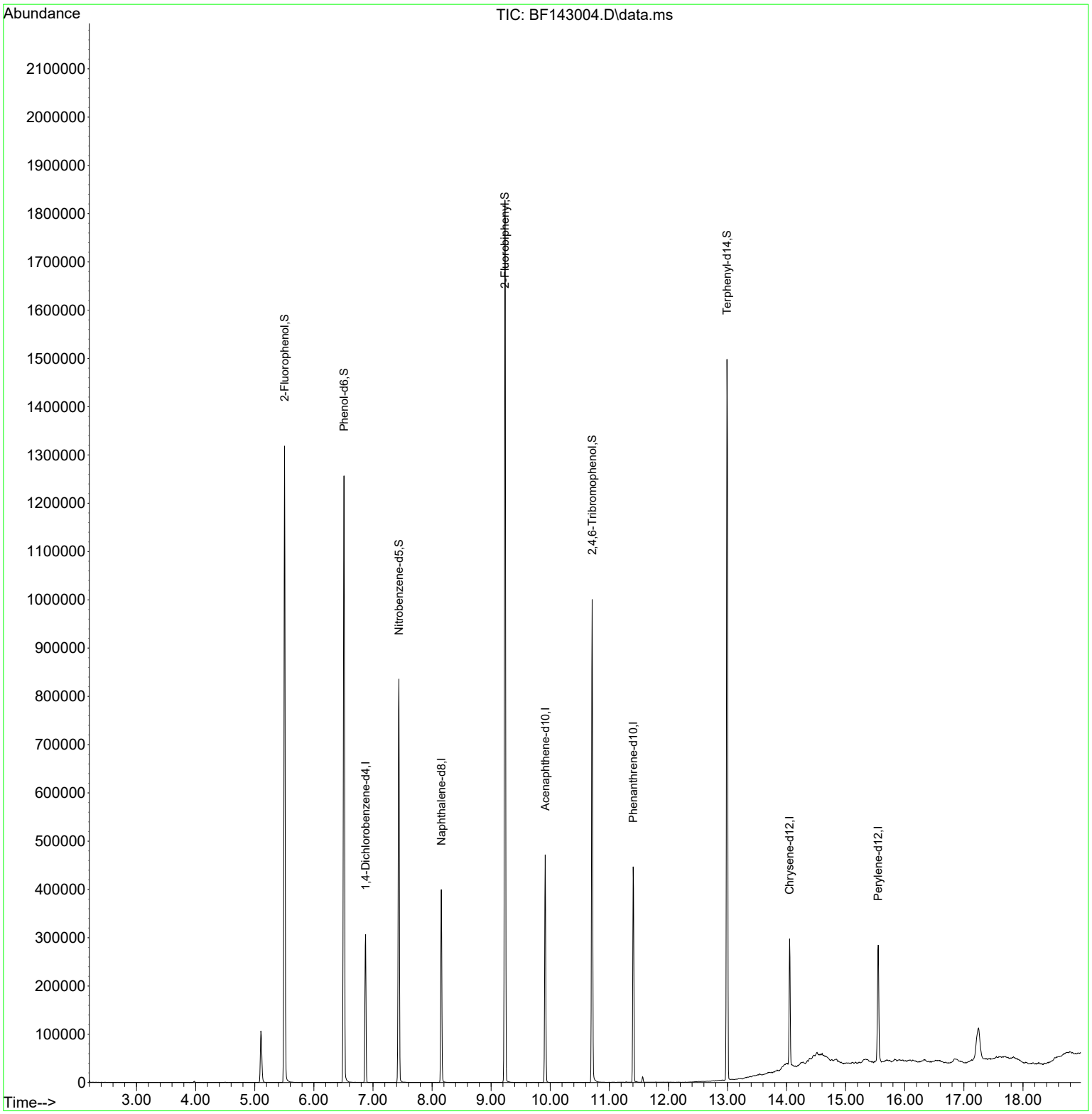
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69506	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	264185	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	142352	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	239046	20.000	ng	0.00
76) Chrysene-d12	14.051	240	129583	20.000	ng	0.00
86) Perylene-d12	15.551	264	142512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	517823	124.038	ng	0.01
7) Phenol-d6	6.510	99	618901	125.656	ng	0.00
23) Nitrobenzene-d5	7.439	82	386568	80.260	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	181589	123.960	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	862673	79.610	ng	-0.01
79) Terphenyl-d14	12.992	244	731241	77.970	ng	0.00
Target Compounds						Qvalue

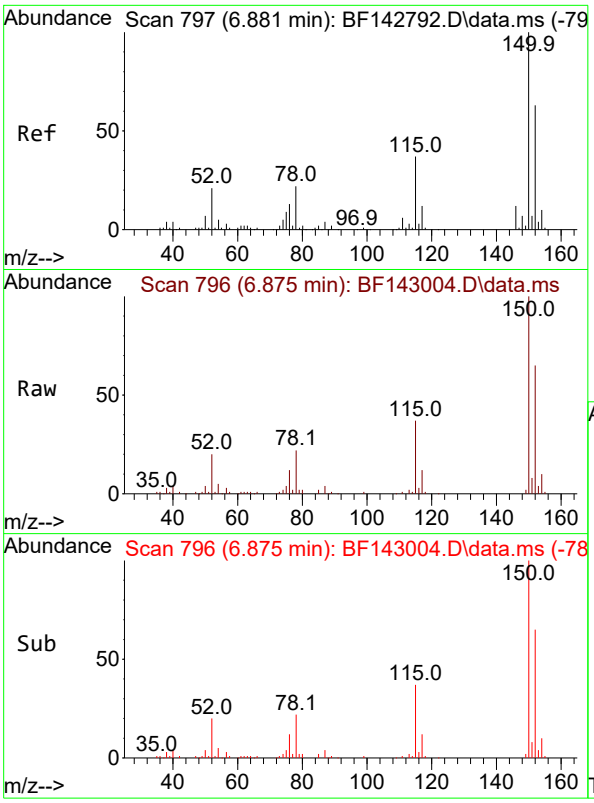
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143004.D
Acq On : 07 Jul 2025 12:42
Operator : RC/JU
Sample : PB168722BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168722BL

Quant Time: Jul 07 13:10:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



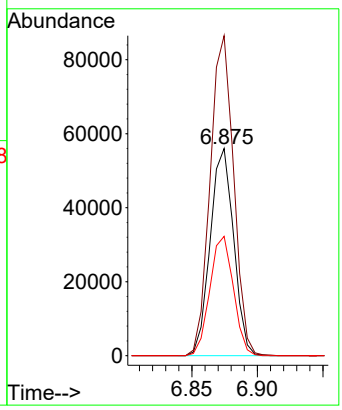


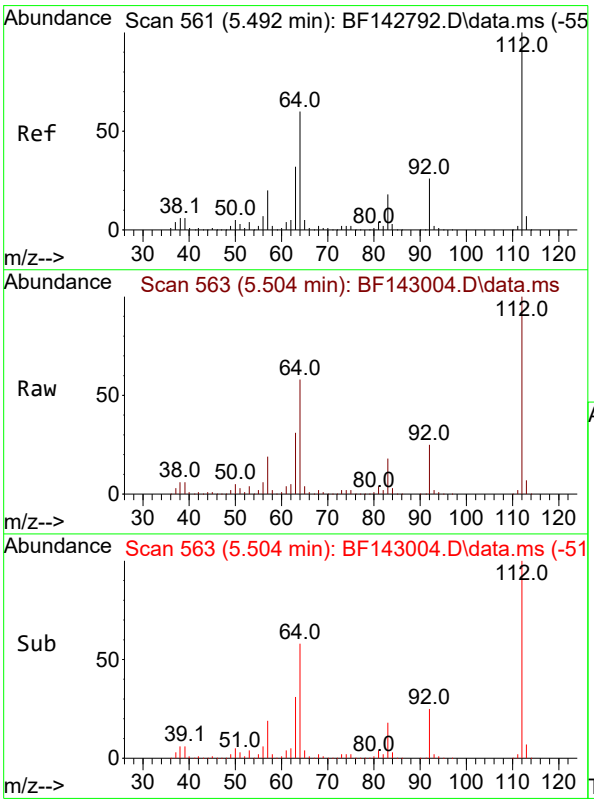
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
PB168722BL

Tgt Ion:152 Resp: 69506

Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.2	190.8
115	57.7	46.6	69.8

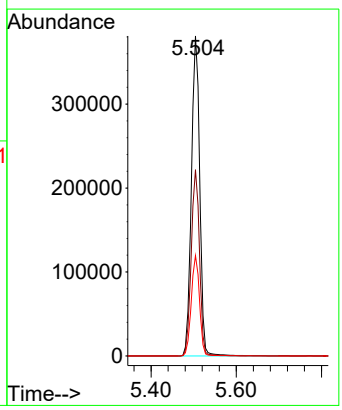


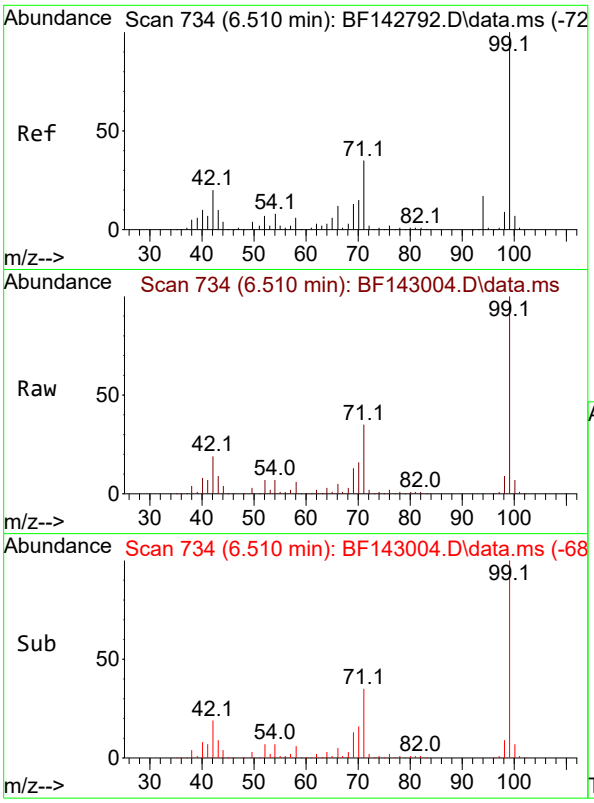


#5
2-Fluorophenol
Concen: 124.038 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Tgt Ion:112 Resp: 517823

Ion	Ratio	Lower	Upper
112	100		
64	58.2	48.2	72.2
63	31.4	25.7	38.5



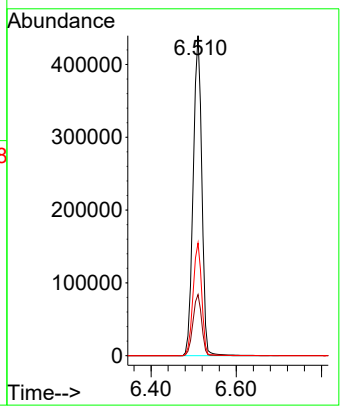


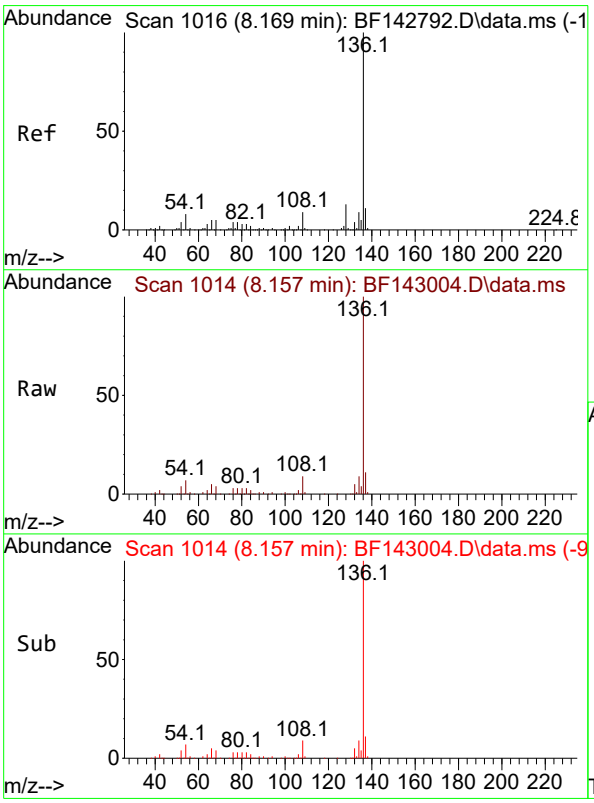
#7
Phenol-d6
Concen: 125.656 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
PB168722BL

Tgt Ion: 99 Resp: 618901

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.9	23.9
71	35.2	27.8	41.8

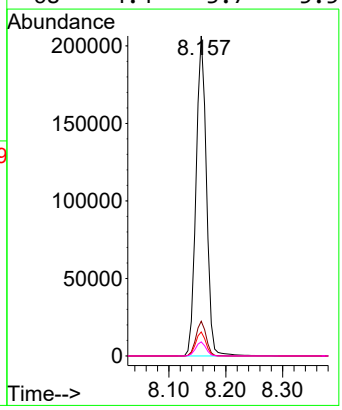


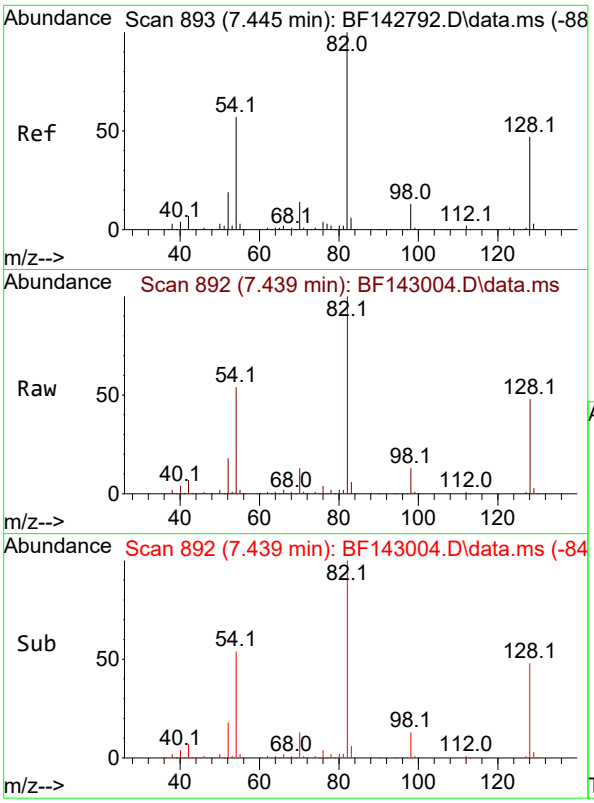


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Tgt Ion:136 Resp: 264185

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.5	6.3	9.5
68	4.4	3.7	5.5



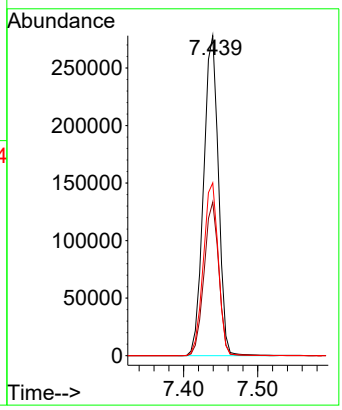


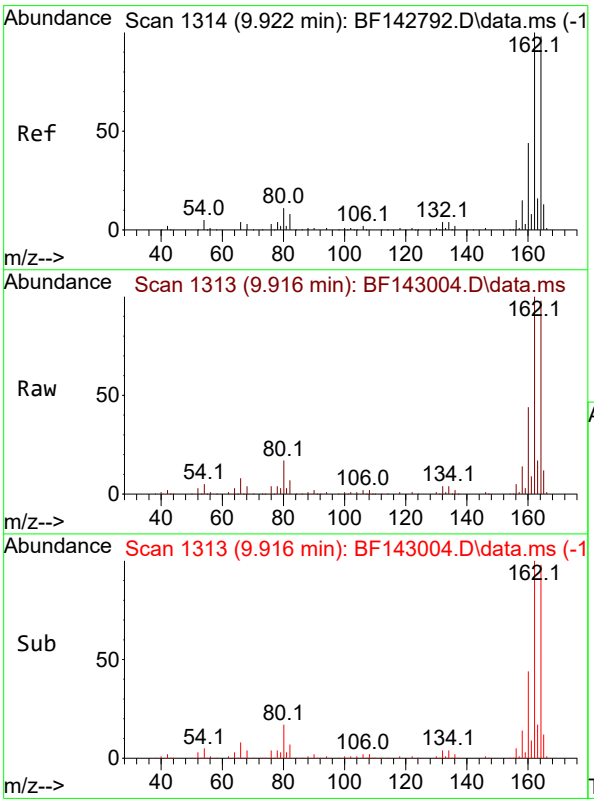
#23
Nitrobenzene-d5
Concen: 80.260 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
PB168722BL

Tgt Ion: 82 Resp: 386568

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.7	56.5
54	54.0	45.7	68.5

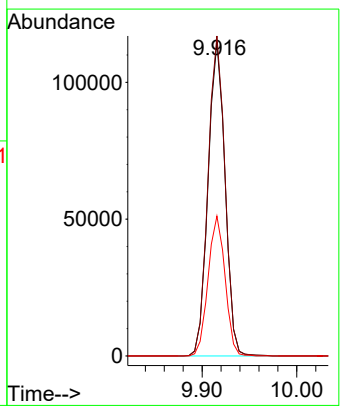


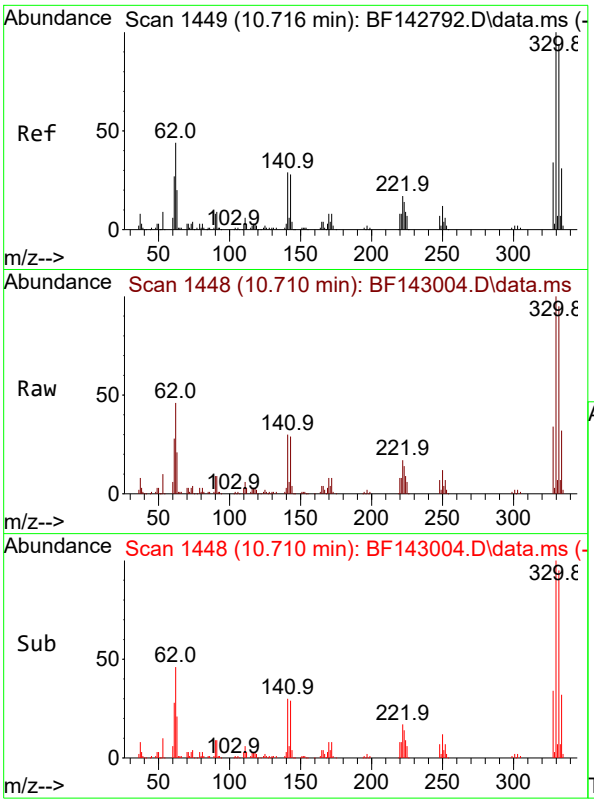


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Tgt Ion:164 Resp: 142352

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.8
160	44.5	36.0	54.0



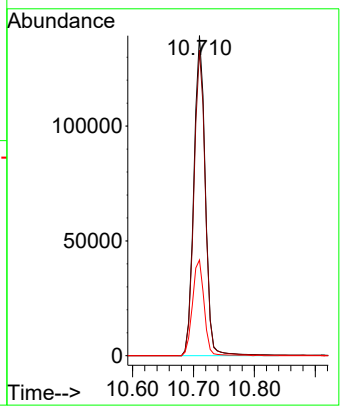


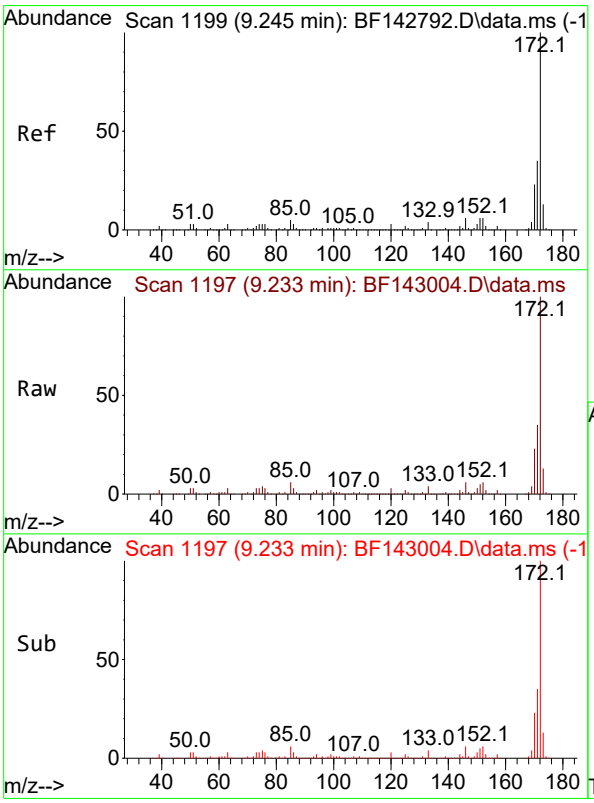
#42
2,4,6-Tribromophenol
Concen: 123.960 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
PB168722BL

Tgt Ion:330 Resp: 181589

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.0	112.6
141	30.5	25.3	37.9

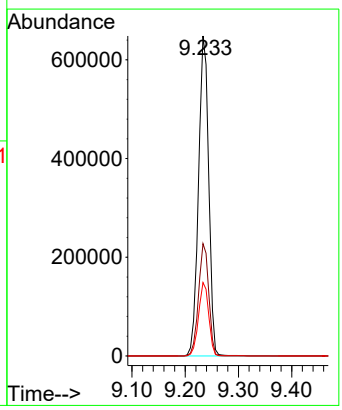


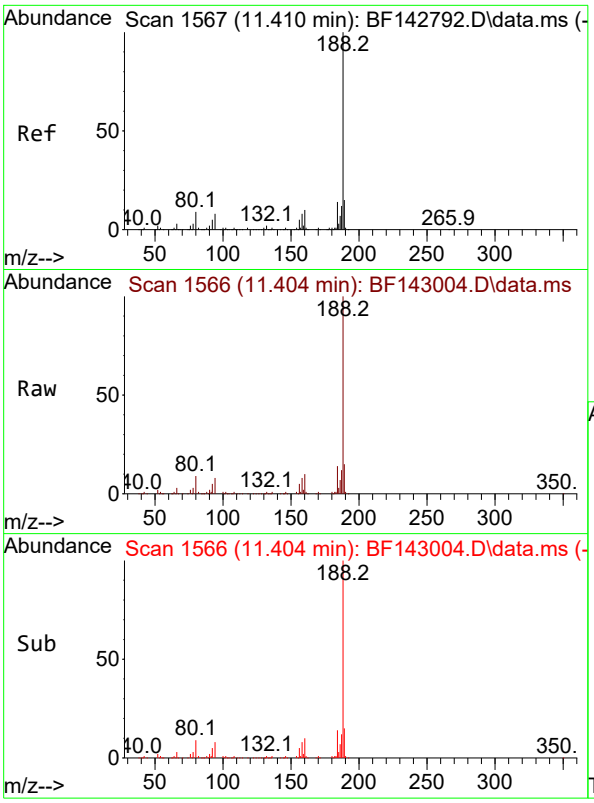


#45
2-Fluorobiphenyl
Concen: 79.610 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Tgt Ion:172 Resp: 862673

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	22.9	18.5	27.7



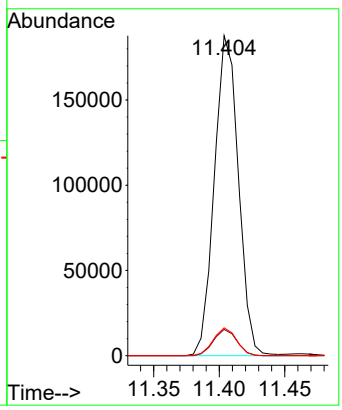


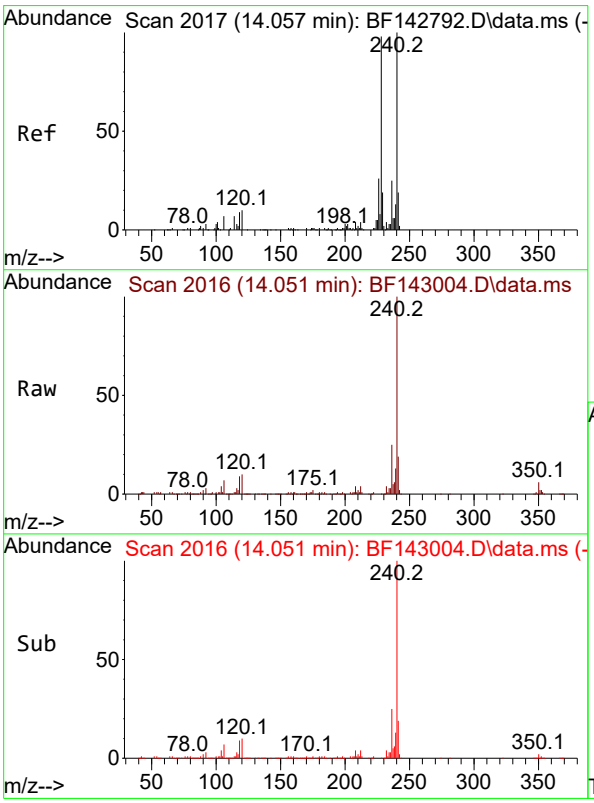
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
PB168722BL

Tgt Ion:188 Resp: 239046

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.7	6.9	10.3

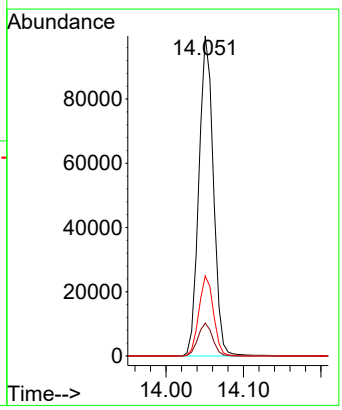


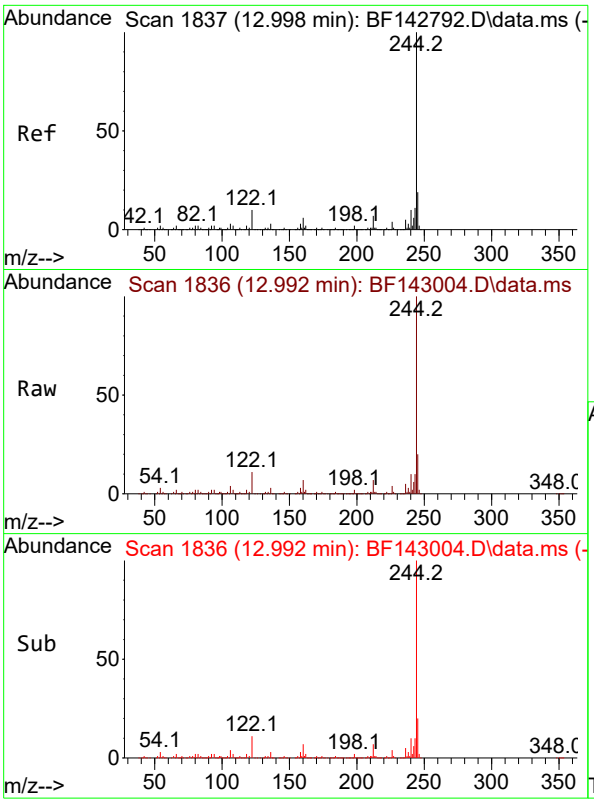


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Tgt Ion:240 Resp: 129583

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.2	12.2
236	25.0	19.8	29.8



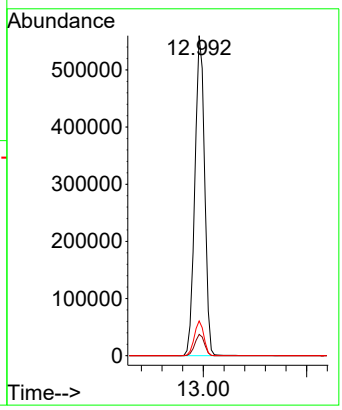


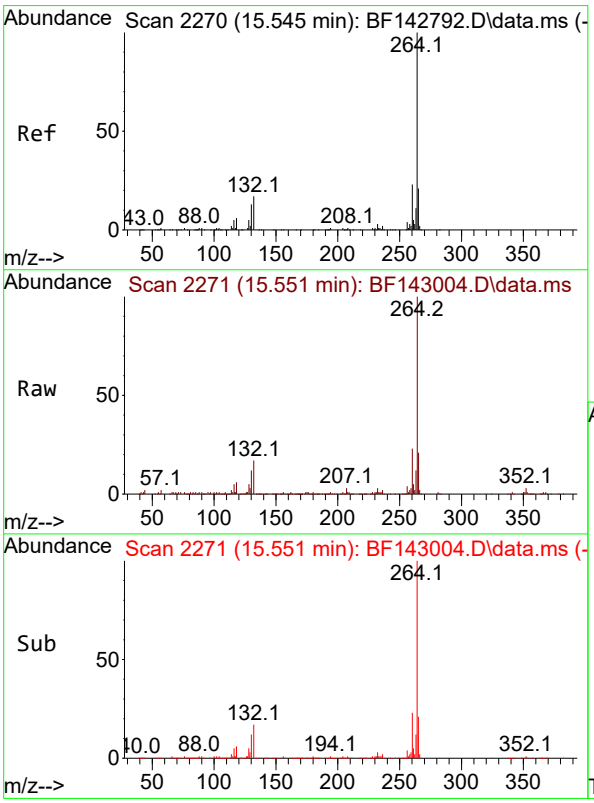
#79
Terphenyl-d14
Concen: 77.970 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Instrument :
BNA_F
ClientSampleId :
PB168722BL

Tgt Ion:244 Resp: 731241

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.9	8.2	12.2

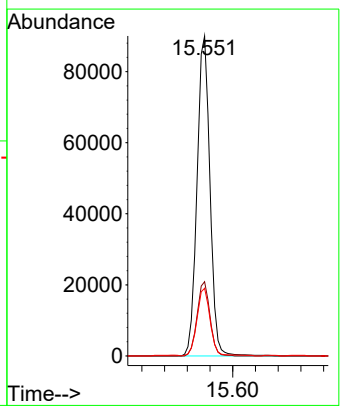




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143004.D
Acq: 07 Jul 2025 12:42

Tgt Ion:264 Resp: 142512

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.1	27.1
265	21.1	16.6	25.0



Sample Results: **BF143004.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143004.D
Acq On : 07 Jul 2025 12:42
Operator : RC/JU
Sample : PB168722BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168722BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143004.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	489	495	511	rBV	107103	180898	7.53%	1.339%
2	5.504	557	563	581	rBV	1318687	1773923	73.86%	13.128%
3	6.510	727	734	739	rBV	1256845	1753947	73.03%	12.980%
4	6.875	791	796	801	rBV	306800	381958	15.90%	2.827%
5	7.439	885	892	897	rBV	835610	1154262	48.06%	8.542%
6	8.157	1009	1014	1032	rVB	399327	503522	20.97%	3.726%
7	9.233	1191	1197	1202	rBV	1827769	2401585	100.00%	17.773%
8	9.916	1308	1313	1318	rBV	471465	579987	24.15%	4.292%
9	10.710	1442	1448	1475	rBV	1000442	1306728	54.41%	9.670%
10	11.404	1561	1566	1573	rBV	446602	563801	23.48%	4.172%
11	12.992	1830	1836	1841	rBV	1493014	1928271	80.29%	14.270%
12	14.051	2011	2016	2022	rVB	261109	331339	13.80%	2.452%
13	15.551	2265	2271	2280	rVB	242603	388829	16.19%	2.877%
14	17.250	2550	2560	2576	rVB2	63865	263817	10.99%	1.952%

Sum of corrected areas: 13512867

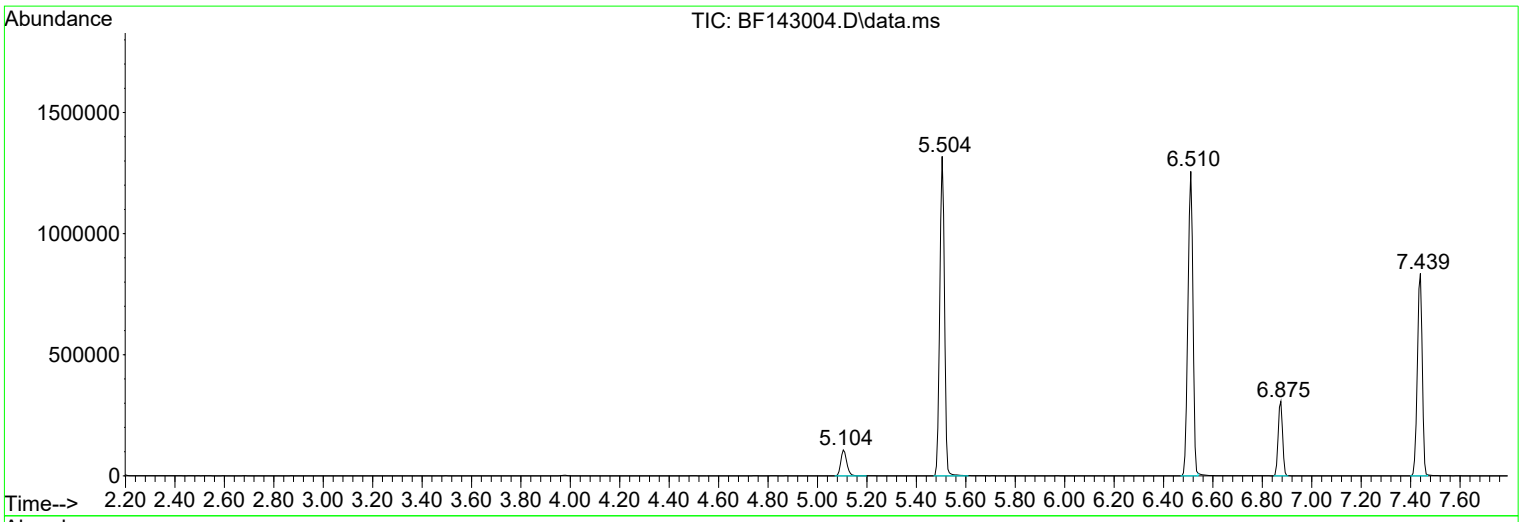
Sample Results: **BF143004.D**

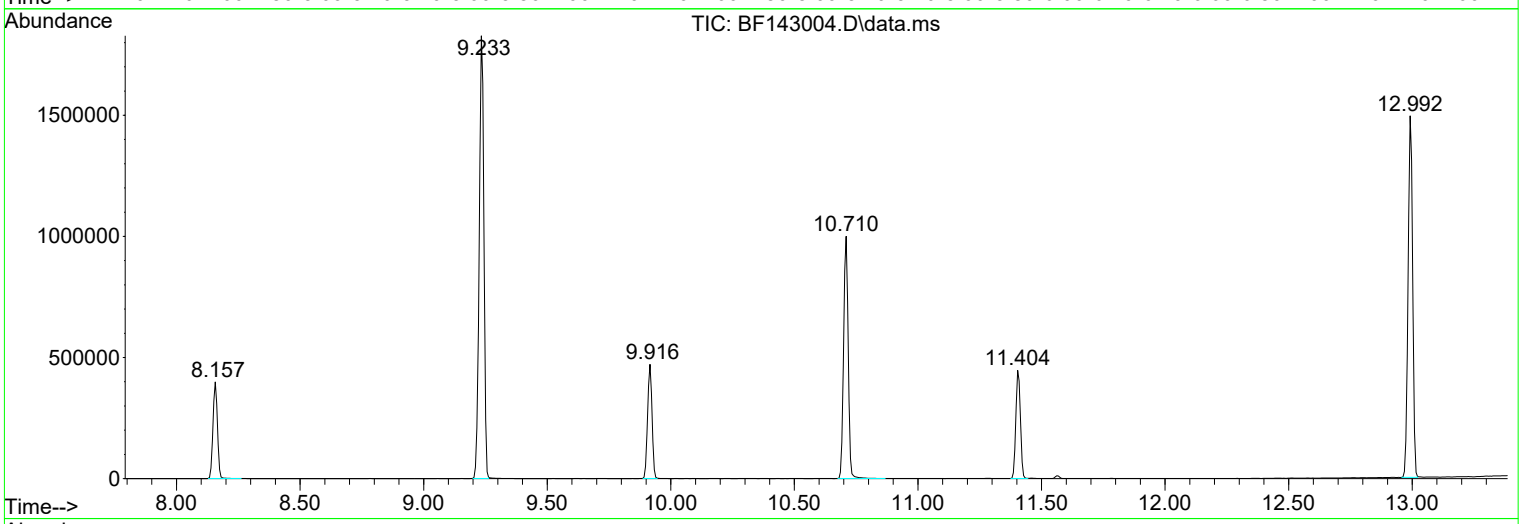
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143004.D
Acq On : 07 Jul 2025 12:42
Operator : RC/JU
Sample : PB168722BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

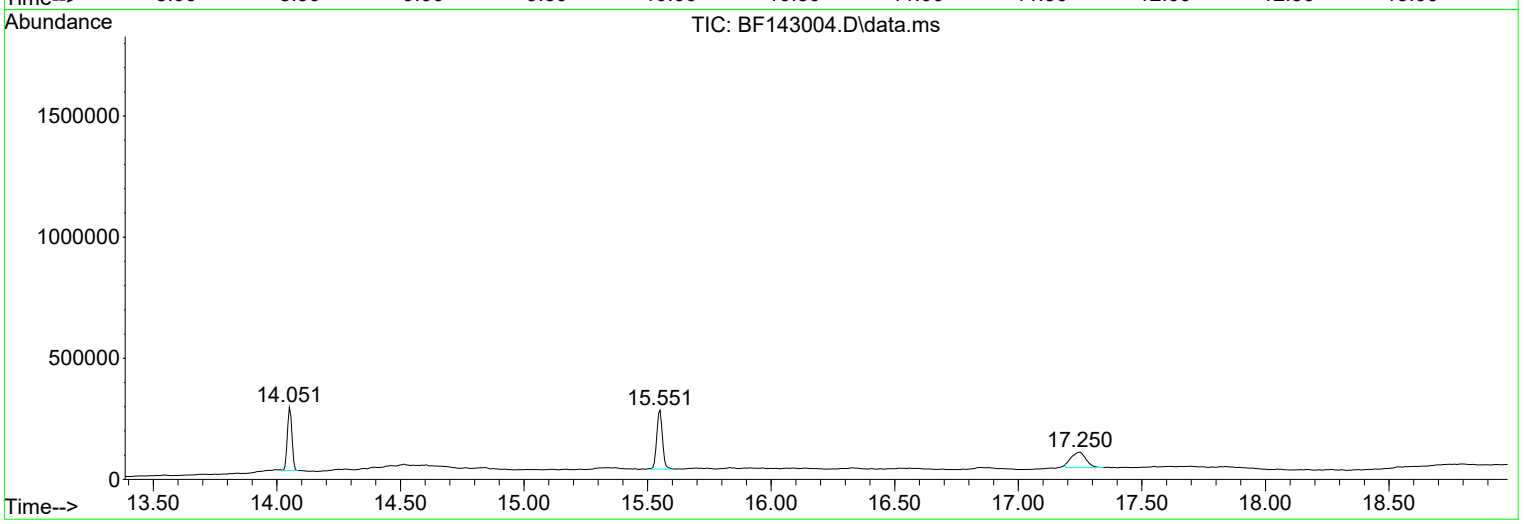
Instrument :
BNA_F
ClientSampleId :
PB168722BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143004.D
Acq On : 07 Jul 2025 12:42
Operator : RC/JU
Sample : PB168722BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168722BL

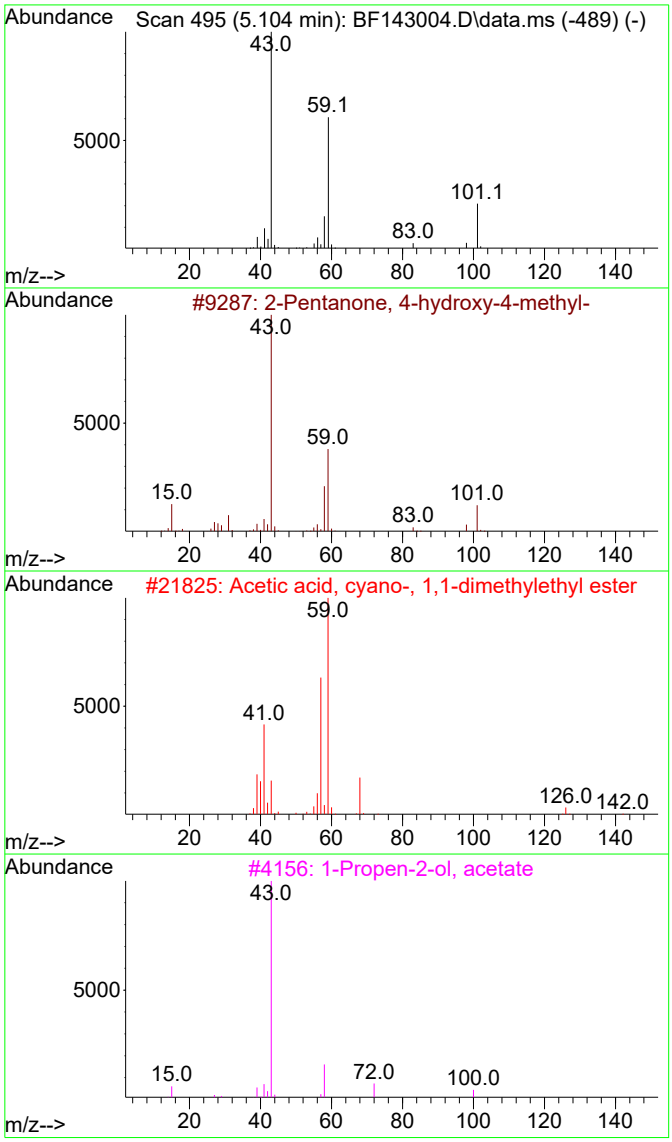
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

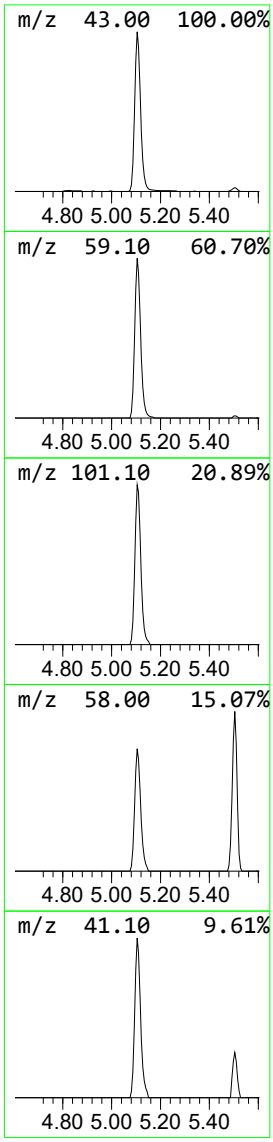
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	9.47 ng	180898	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Sample Results: **BF143004.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143004.D
Acq On : 07 Jul 2025 12:42
Operator : RC/JU
Sample : PB168722BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168722BL

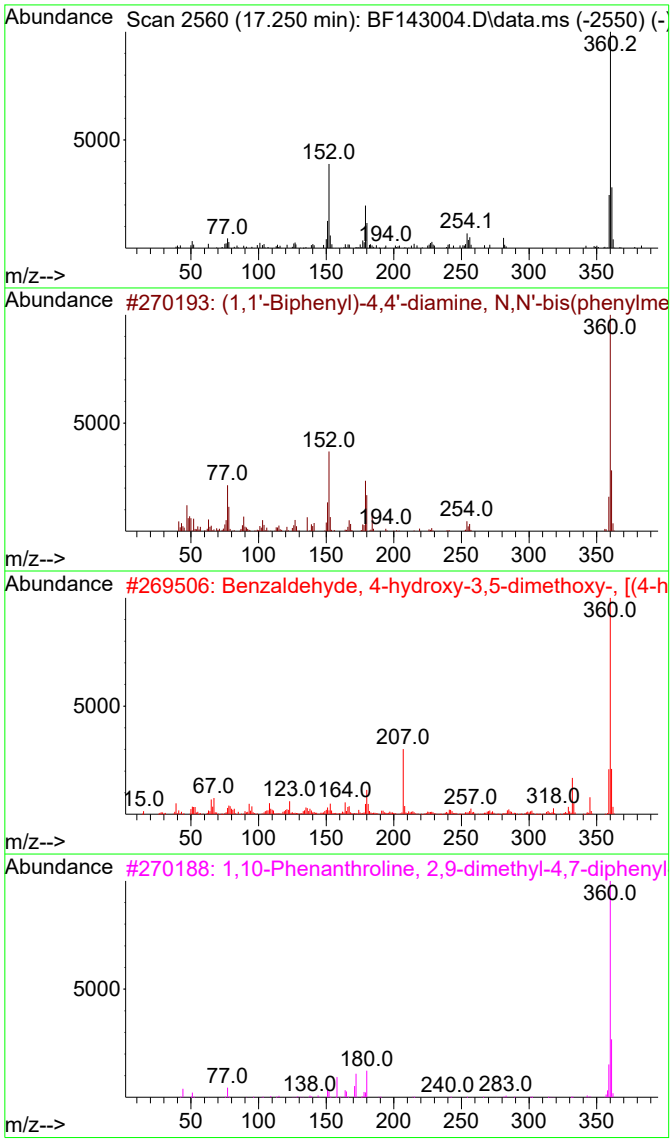
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

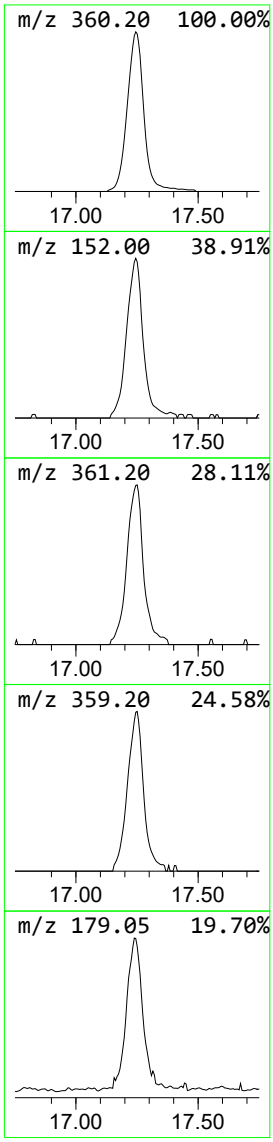
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.250	13.57 ng	263817	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	91
2	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	49
3	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	47
4	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	46
5	Ethene, 1-(anthracen-9-yl)-2-(4-...	360	C27H20O	1000163-55-1	43





Sample Results: **BF143004.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143004.D
Acq On : 07 Jul 2025 12:42
Operator : RC/JU
Sample : PB168722BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168722BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.104	9.5	ng	180898	1	6.875	381958	20.0
(1,1'-Biphenyl)...	17.250	13.6	ng	263817	6	15.551	388829	20.0

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168722BS	SDG No.:	Q2487
Lab Sample ID:	PB168722BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143029.D	1	07/03/25 09:00	07/08/25 12:55	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1500		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1500		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		37.5	170	ug/Kg
98-86-2	Acetophenone	1500		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1400		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1500		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	910		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2400		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	1500		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1500		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Raw Data: **BF143029.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168722BS	SDG No.:	Q2487
Lab Sample ID:	PB168722BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143029.D	1	07/03/25 09:00	07/08/25 12:55	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1000		46.0	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	2500		110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		50.1	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1500		64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	1700		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	2600		51.3	330	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	910		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg

Raw Data: **BF143029.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168722BS	SDG No.:	Q2487
Lab Sample ID:	PB168722BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143029.D	1	07/03/25 09:00	07/08/25 12:55	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		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	125		18 - 112	84%	SPK: 150
13127-88-3	Phenol-d6	126		15 - 107	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.4		18 - 107	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.0		20 - 109	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		10 - 116	87%	SPK: 150
1718-51-0	Terphenyl-d14	85.4		10 - 105	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	57000	6.875			
1146-65-2	Naphthalene-d8	220000	8.157			
15067-26-2	Acenaphthene-d10	116000	9.922			
1517-22-2	Phenanthrene-d10	190000	11.41			
1719-03-5	Chrysene-d12	94800	14.057			
1520-96-3	Perylene-d12	113000	15.557			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143029.D
Acq On : 08 Jul 2025 12:55
Operator : RC/JU
Sample : PB168722BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Quant Time: Jul 08 13:17:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	56971	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	220160	20.000	ng		-0.01
39) Acenaphthene-d10	9.922	164	116094	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	189569	20.000	ng		0.00
76) Chrysene-d12	14.057	240	94842	20.000	ng		0.00
86) Perylene-d12	15.557	264	112590	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	429158	125.417	ng		0.01
7) Phenol-d6	6.510	99	510323	126.408	ng		0.00
23) Nitrobenzene-d5	7.439	82	314553	78.368	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	155752	130.371	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	698464	79.035	ng		-0.01
79) Terphenyl-d14	12.992	244	586078	85.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	46177	33.739	ng		99
3) Pyridine	3.475	79	127271	37.093	ng		98
4) n-Nitrosodimethylamine	3.428	42	73122	41.212	ng		99
6) Aniline	6.540	93	194405	36.190	ng	#	87
8) 2-Chlorophenol	6.663	128	163120	44.192	ng		98
9) Benzaldehyde	6.428	77	106551	44.487	ng		99
10) Phenol	6.528	94	195533	43.573	ng		79
11) bis(2-Chloroethyl)ether	6.610	93	140569	43.828	ng		96
12) 1,3-Dichlorobenzene	6.816	146	176272	42.700	ng		99
13) 1,4-Dichlorobenzene	6.892	146	181304	43.531	ng		99
14) 1,2-Dichlorobenzene	7.045	146	172505	43.667	ng		100
15) Benzyl Alcohol	7.016	79	133425	45.716	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	210452	40.841	ng		74
17) 2-Methylphenol	7.134	107	126445	45.203	ng		97
18) Hexachloroethane	7.387	117	63093	43.309	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	106051	45.167	ng		97
20) 3+4-Methylphenols	7.287	107	160614	46.052	ng		95
22) Acetophenone	7.287	105	218734	45.054	ng		99
24) Nitrobenzene	7.457	77	158000	43.492	ng		99
25) Isophorone	7.698	82	283931	44.097	ng		99
26) 2-Nitrophenol	7.775	139	90615	45.789	ng		99
27) 2,4-Dimethylphenol	7.816	122	150303m	43.847	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	182094	44.484	ng		99
29) 2,4-Dichlorophenol	8.022	162	139324	44.825	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	146639	42.905	ng		99
31) Naphthalene	8.181	128	476035	44.174	ng		100
32) Benzoic acid	7.939	122	75170	43.024	ng		96
33) 4-Chloroaniline	8.234	127	119222	27.208	ng		98
34) Hexachlorobutadiene	8.292	225	91247	43.646	ng		99
35) Caprolactam	8.604	113	39429m	48.074	ng		
36) 4-Chloro-3-methylphenol	8.722	107	142106	46.004	ng		99
37) 2-Methylnaphthalene	8.875	142	296736	44.415	ng		99
38) 1-Methylnaphthalene	8.975	142	307365	44.442	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	151731	44.294	ng		100
41) Hexachlorocyclopentadiene	9.028	237	142216	73.159	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	96587	43.270	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143029.D
Acq On : 08 Jul 2025 12:55
Operator : RC/JU
Sample : PB168722BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Quant Time: Jul 08 13:17:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

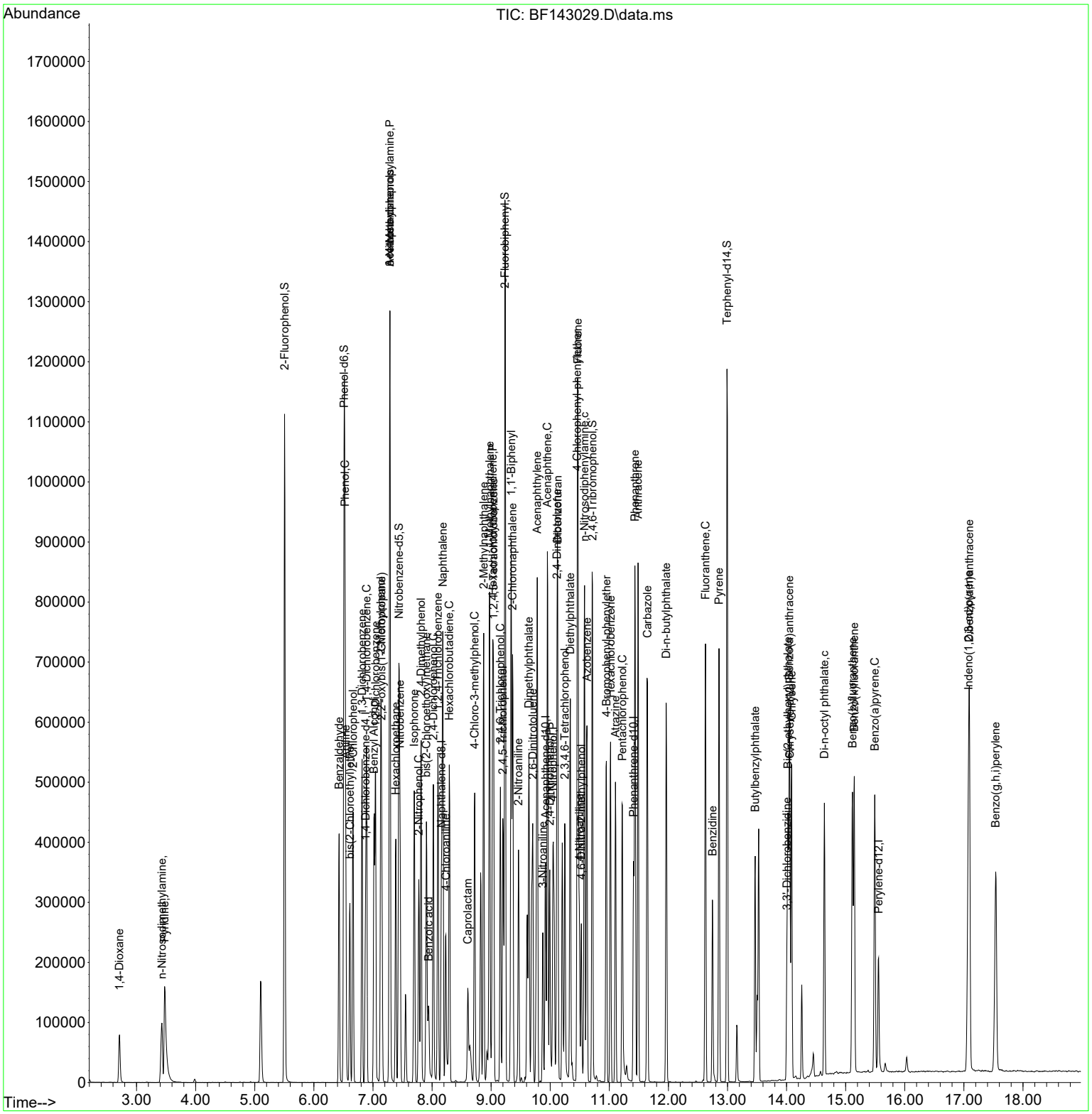
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	101191	43.065	ng	99
46) 1,1'-Biphenyl	9.339	154	407573	44.443	ng	100
47) 2-Chloronaphthalene	9.363	162	302216	43.914	ng	99
48) 2-Nitroaniline	9.463	65	86594	44.881	ng	96
49) Acenaphthylene	9.781	152	504125	44.498	ng	100
50) Dimethylphthalate	9.639	163	342391	45.562	ng	100
51) 2,6-Dinitrotoluene	9.704	165	76571	46.398	ng	100
52) Acenaphthene	9.951	154	336316m	48.655	ng	
53) 3-Nitroaniline	9.875	138	55871	30.749	ng	99
54) 2,4-Dinitrophenol	9.992	184	76374	92.423	ng	96
55) Dibenzofuran	10.128	168	437940	44.183	ng	99
56) 4-Nitrophenol	10.045	139	93448	75.123	ng	99
57) 2,4-Dinitrotoluene	10.116	165	102912	46.946	ng	93
58) Fluorene	10.469	166	349779	45.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	81341	42.946	ng	96
60) Diethylphthalate	10.339	149	342130	46.434	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	167657	45.387	ng	98
62) 4-Nitroaniline	10.492	138	75285	45.304	ng	97
63) Azobenzene	10.622	77	295464	44.867	ng	97
65) 4,6-Dinitro-2-methylph...	10.528	198	52741	45.996	ng	97
66) n-Nitrosodiphenylamine	10.580	169	300057	45.671	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	99469	46.104	ng	99
68) Hexachlorobenzene	11.022	284	111086	46.338	ng	99
69) Atrazine	11.104	200	85988	50.683	ng	99
70) Pentachlorophenol	11.222	266	92093	77.092	ng	98
71) Phenanthrene	11.433	178	466709	45.449	ng	99
72) Anthracene	11.486	178	478060	45.392	ng	100
73) Carbazole	11.645	167	413709	45.520	ng	99
74) Di-n-butylphthalate	11.963	149	464540	49.065	ng	100
75) Fluoranthene	12.627	202	438508	44.995	ng	99
77) Benzidine	12.745	184	172695	48.465	ng	99
78) Pyrene	12.857	202	422014	47.471	ng	99
80) Butylbenzylphthalate	13.469	149	128923	49.995	ng	96
81) Benzo(a)anthracene	14.045	228	300705	46.999	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	56626	27.286	ng	99
83) Chrysene	14.086	228	254024	44.494	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	168694	45.467	ng	100
85) Di-n-octyl phthalate	14.639	149	314016	44.884	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	386464	45.064	ng	98
88) Benzo(b)fluoranthene	15.115	252	293611	45.067	ng	100
89) Benzo(k)fluoranthene	15.145	252	282248	46.306	ng	99
90) Benzo(a)pyrene	15.492	252	293451	46.625	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	313388	44.975	ng	98
92) Benzo(g,h,i)perylene	17.539	276	315292	45.377	ng	99

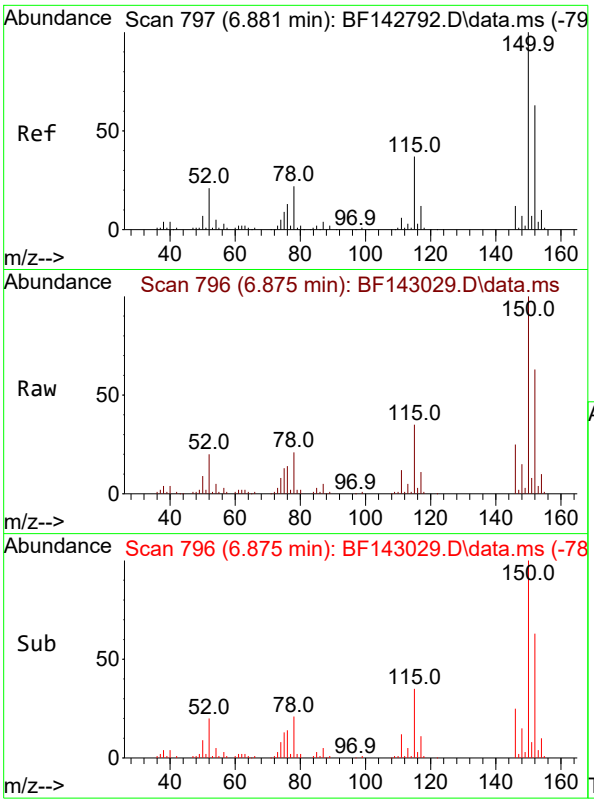
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143029.D
Acq On : 08 Jul 2025 12:55
Operator : RC/JU
Sample : PB168722BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Quant Time: Jul 08 13:17:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



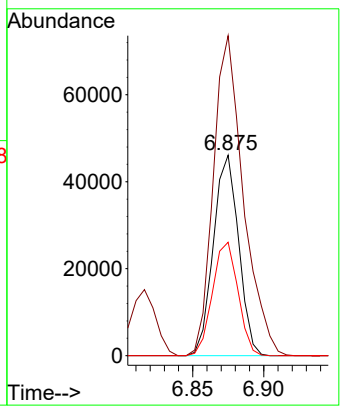


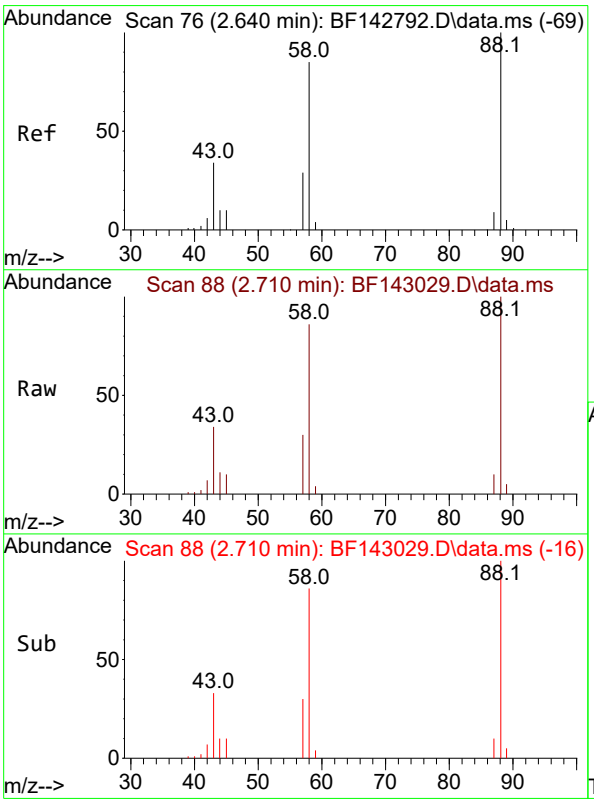
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:152 Resp: 56971

Ion	Ratio	Lower	Upper
152	100		
150	159.6	127.2	190.8
115	56.6	46.6	69.8

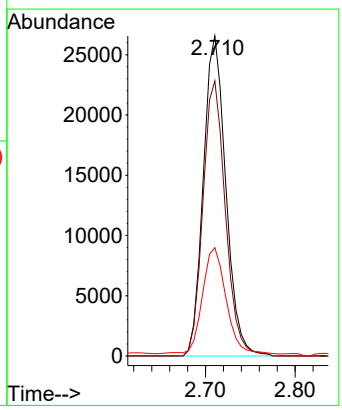


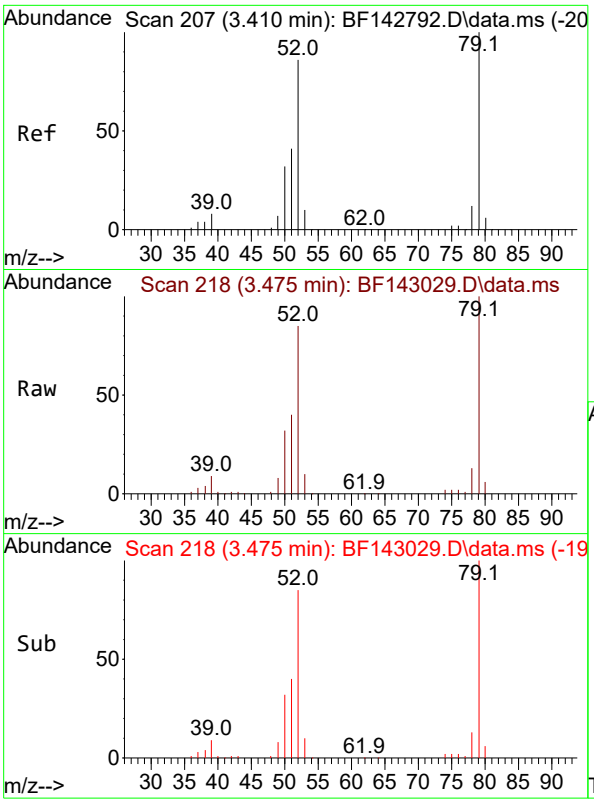


#2
1,4-Dioxane
Concen: 33.739 ng
RT: 2.710 min Scan# 88
Delta R.T. 0.071 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 88 Resp: 46177

Ion	Ratio	Lower	Upper
88	100		
58	85.9	69.1	103.7
43	34.8	27.4	41.2



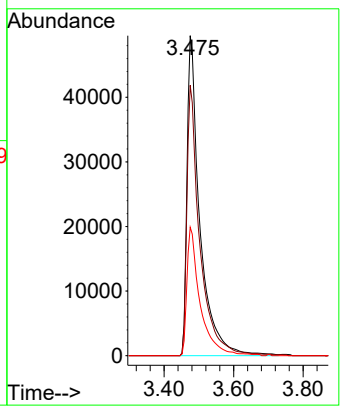


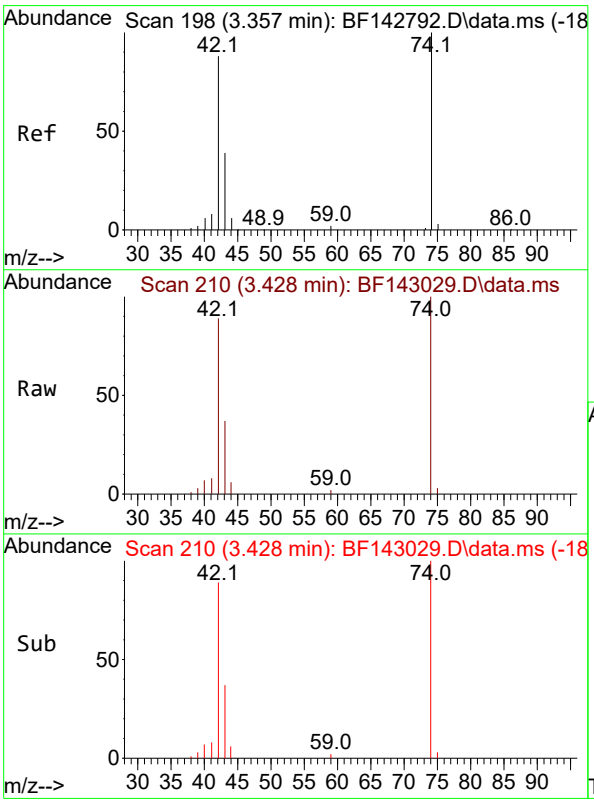
#3
Pyridine
Concen: 37.093 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion: 79 Resp: 127271

Ion	Ratio	Lower	Upper
79	100		
52	84.5	69.2	103.8
51	40.2	33.2	49.8

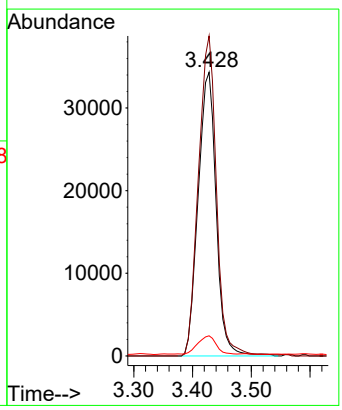


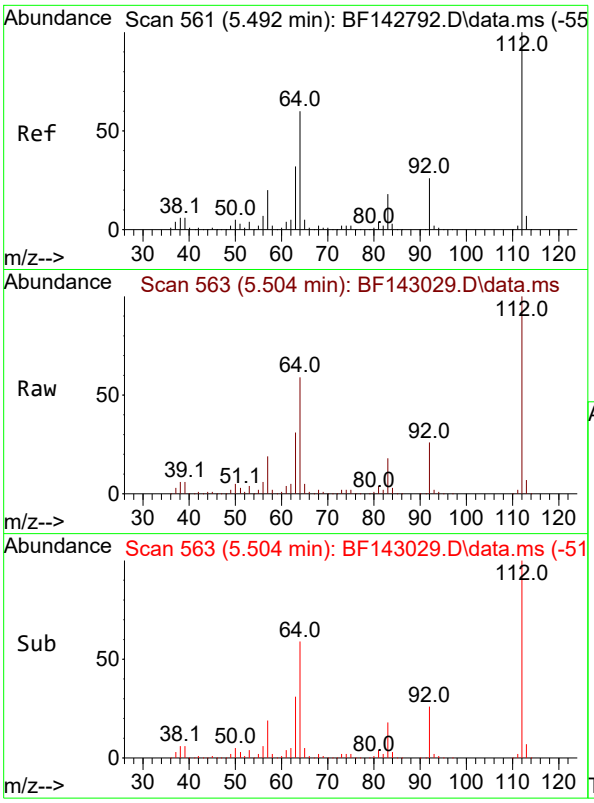


#4
n-Nitrosodimethylamine
Concen: 41.212 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 42 Resp: 73122

Ion	Ratio	Lower	Upper
42	100		
74	112.8	90.9	136.3
44	7.1	5.8	8.6



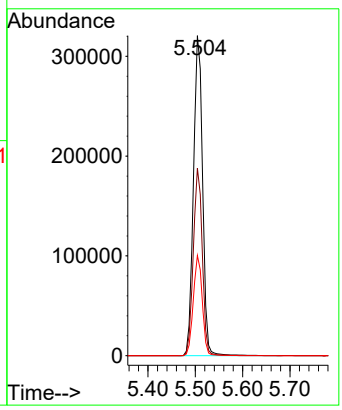


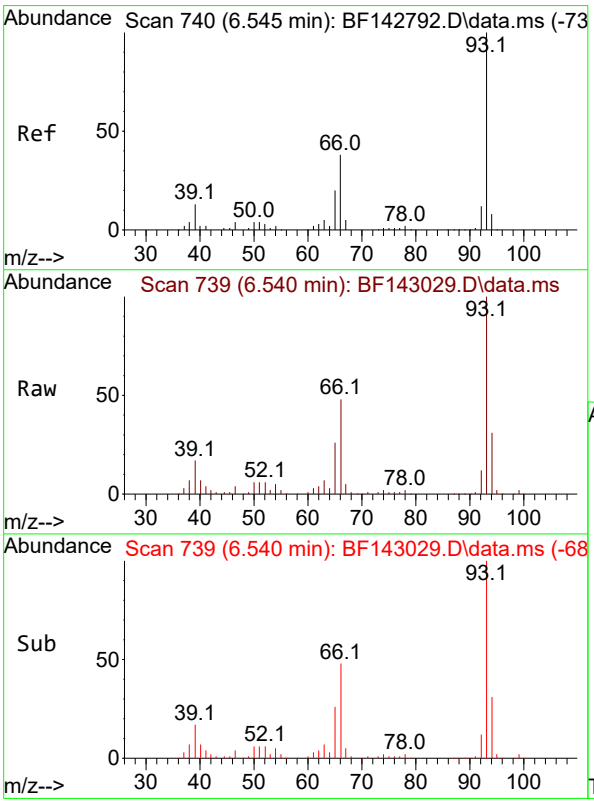
#5
2-Fluorophenol
Concen: 125.417 ng
RT: 5.504 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:112 Resp: 429158

Ion	Ratio	Lower	Upper
112	100		
64	58.6	48.2	72.2
63	31.3	25.7	38.5

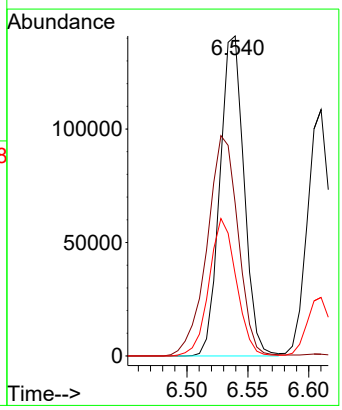


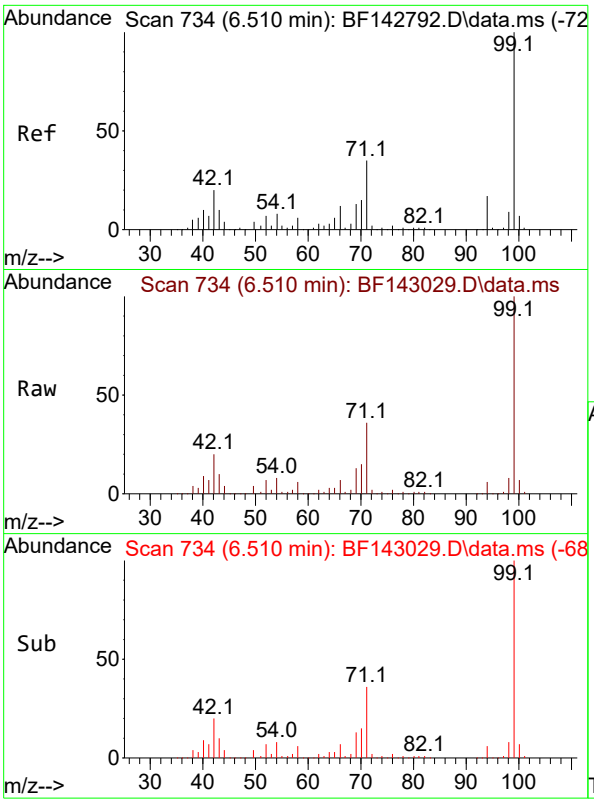


#6
Aniline
Concen: 36.190 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 93 Resp: 194405

Ion	Ratio	Lower	Upper
93	100		
66	47.7	31.8	47.6#
65	25.6	16.2	24.2#



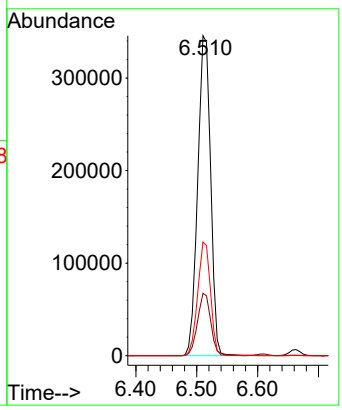


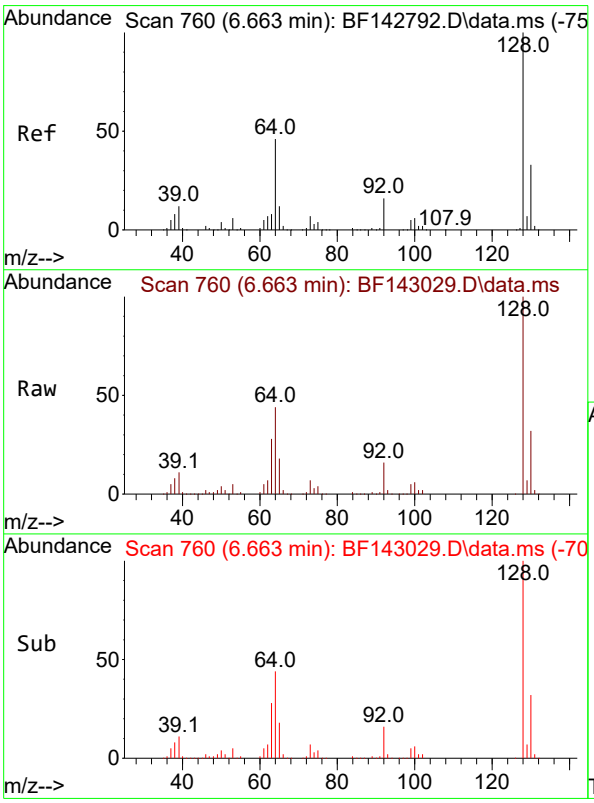
#7
Phenol-d6
Concen: 126.408 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion: 99 Resp: 510323

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.9	23.9
71	35.5	27.8	41.8

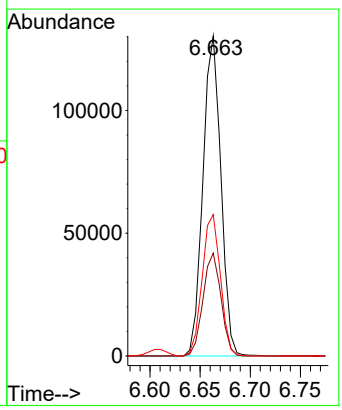


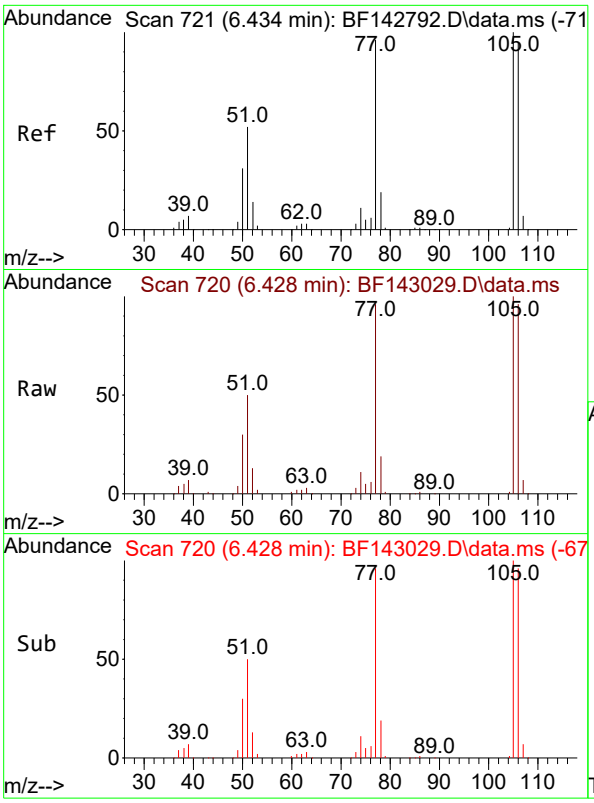


#8
2-Chlorophenol
Concen: 44.192 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:128 Resp: 163120

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.7	52.7
64	44.2	26.5	66.5



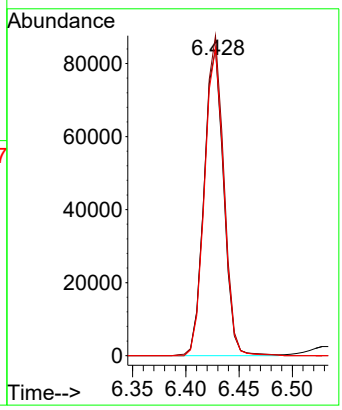


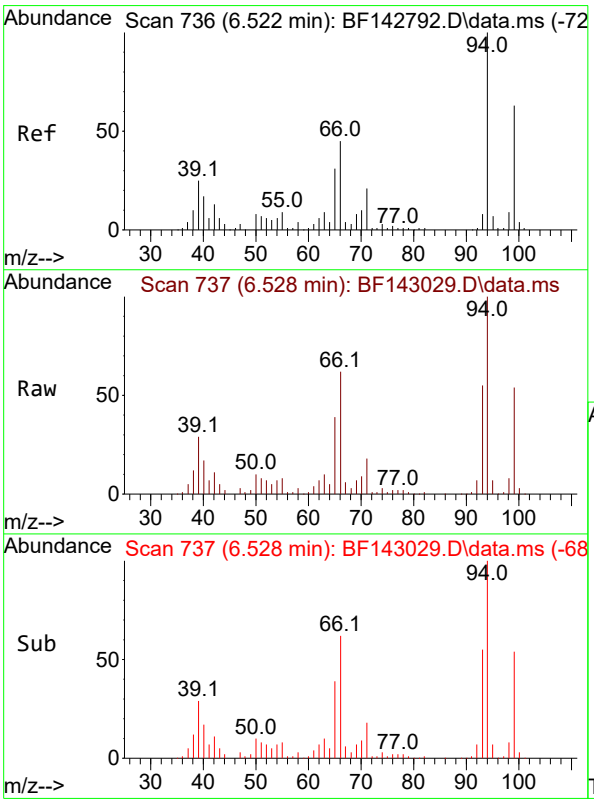
#9
Benzaldehyde
Concen: 44.487 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion: 77 Resp: 106551

Ion	Ratio	Lower	Upper
77	100		
105	104.2	83.8	123.8
106	100.3	78.7	118.7

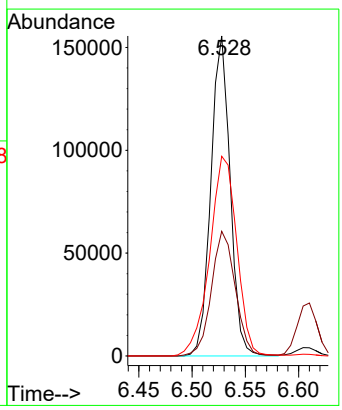


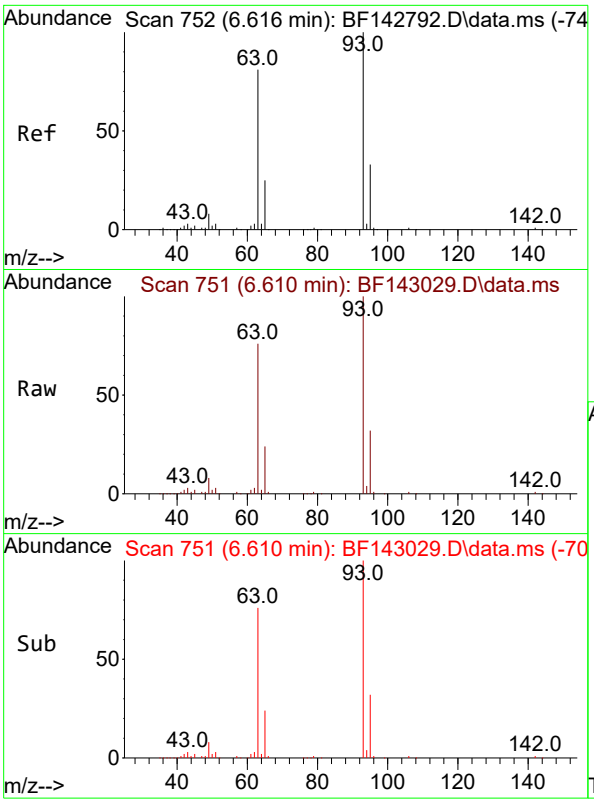


#10
Phenol
Concen: 43.573 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 94 Resp: 195533

Ion	Ratio	Lower	Upper
94	100		
65	38.9	11.3	51.3
66	62.4	24.9	64.9



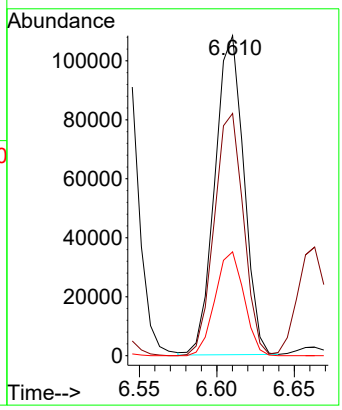


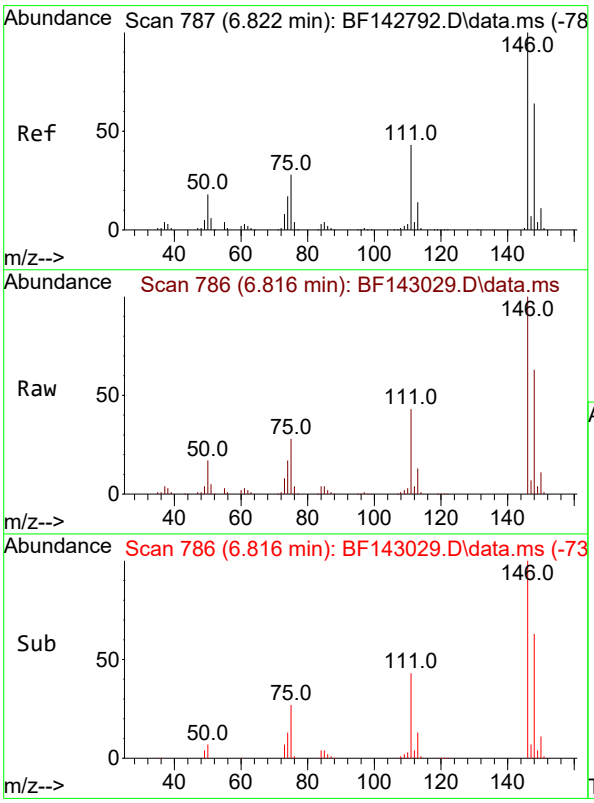
#11
bis(2-Chloroethyl)ether
Concen: 43.828 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion: 93 Resp: 140569

Ion	Ratio	Lower	Upper
93	100		
63	75.7	60.3	100.3
95	32.5	12.5	52.5

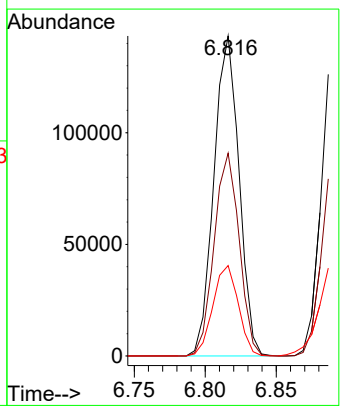


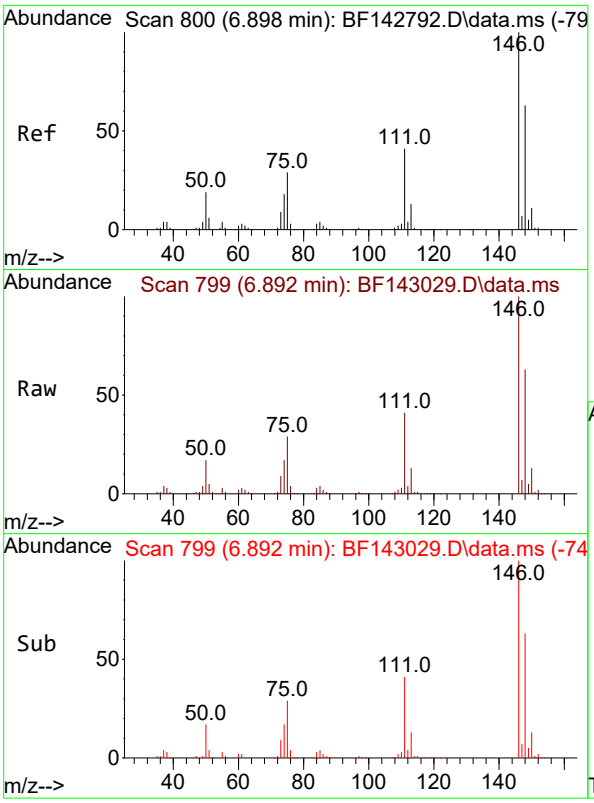


#12
1,3-Dichlorobenzene
Concen: 42.700 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:146 Resp: 176272

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
75	28.3	22.7	34.1



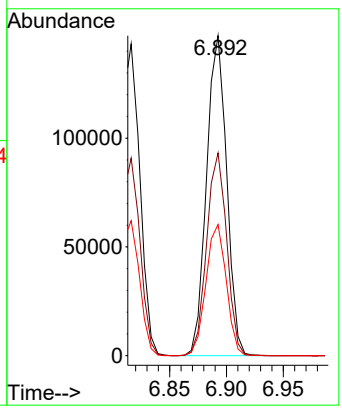


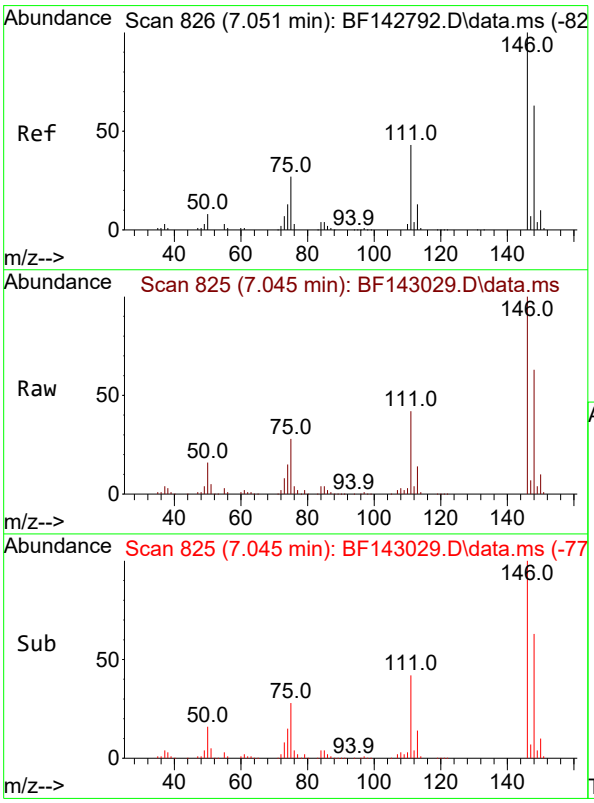
#13
1,4-Dichlorobenzene
Concen: 43.531 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:146 Resp: 181304

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.2	75.2
111	41.0	33.2	49.8

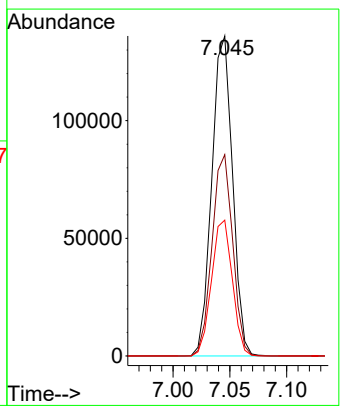


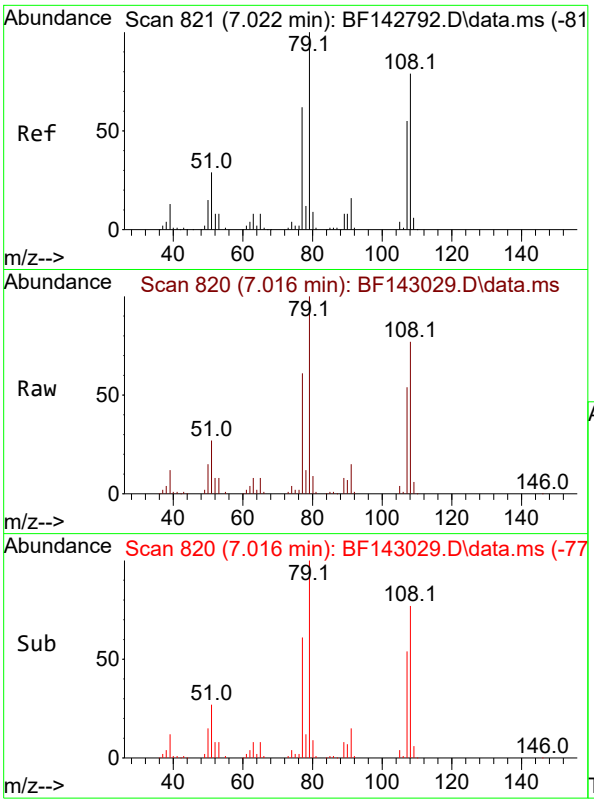


#14
1,2-Dichlorobenzene
Concen: 43.667 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:146 Resp: 172505

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.4	75.6
111	42.5	34.1	51.1



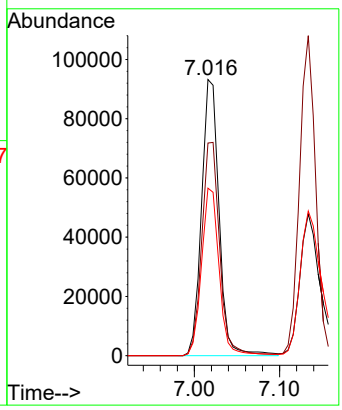


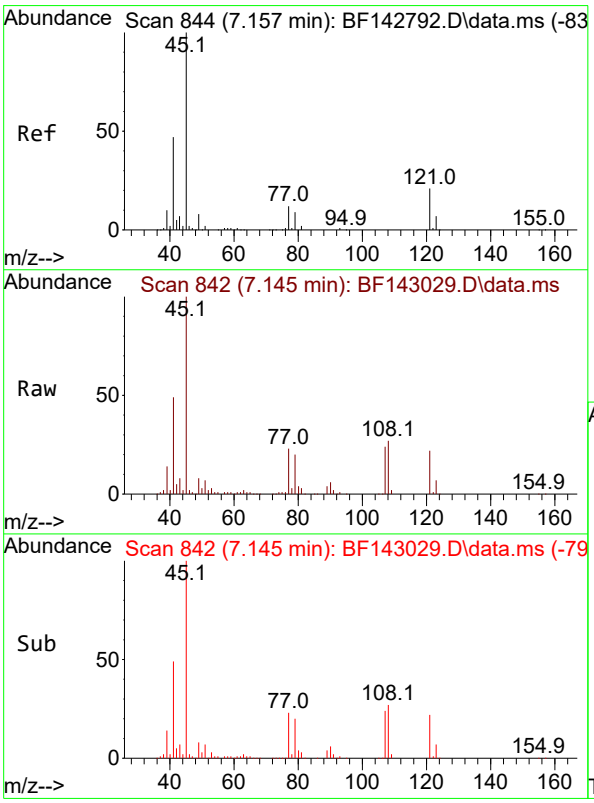
#15
Benzyl Alcohol
Concen: 45.716 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion: 79 Resp: 133425

Ion	Ratio	Lower	Upper
79	100		
108	77.0	63.4	95.0
77	60.6	49.5	74.3

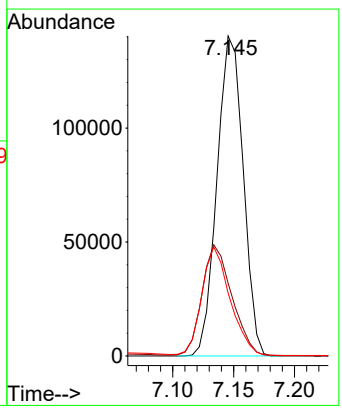


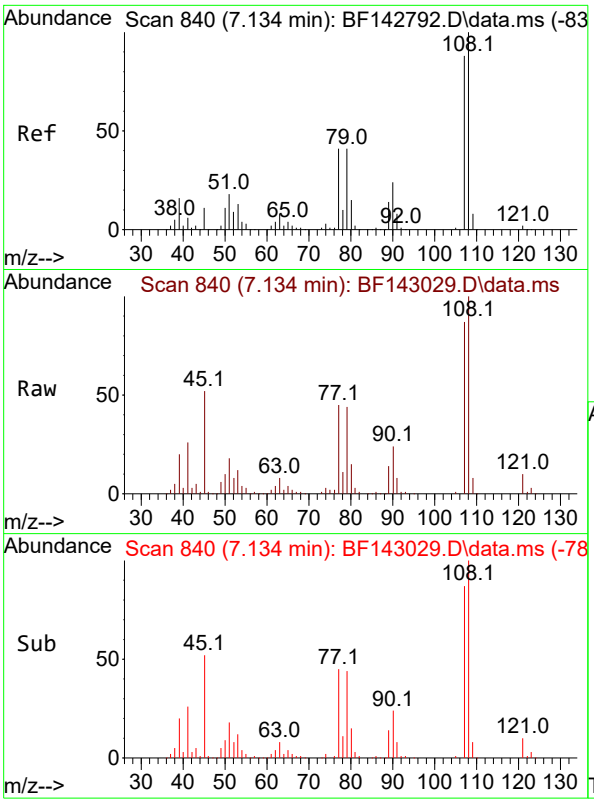


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.841 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 45 Resp: 210452

Ion	Ratio	Lower	Upper
45	100		
77	22.7	0.0	32.8
79	19.7	0.0	29.8



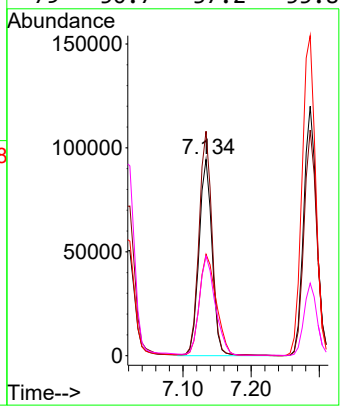


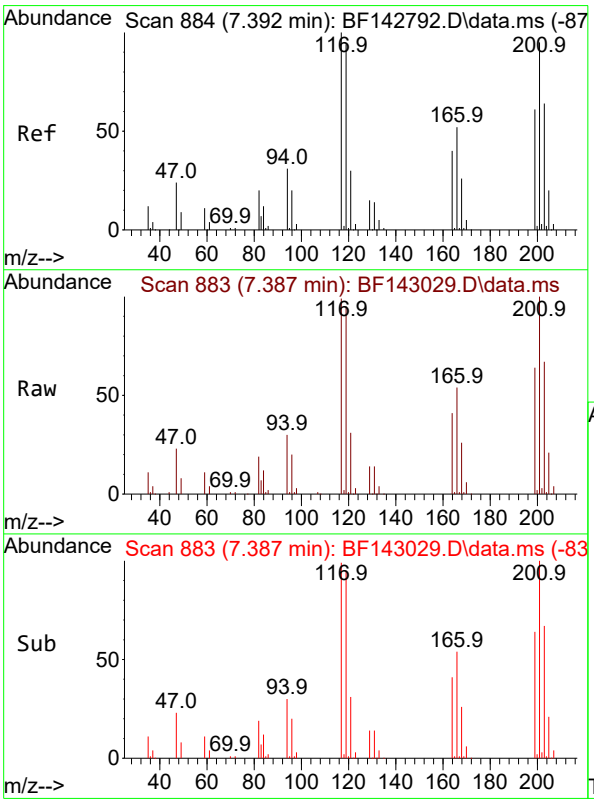
#17
2-Methylphenol
Concen: 45.203 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:107 Resp: 126445

Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.9	136.3
77	51.7	37.3	55.9
79	50.7	37.2	55.8

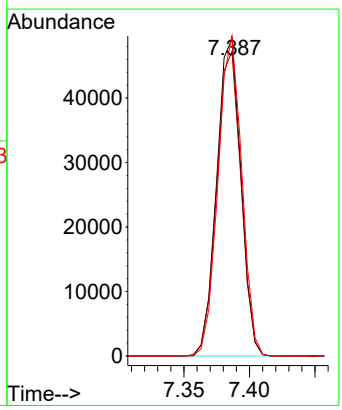


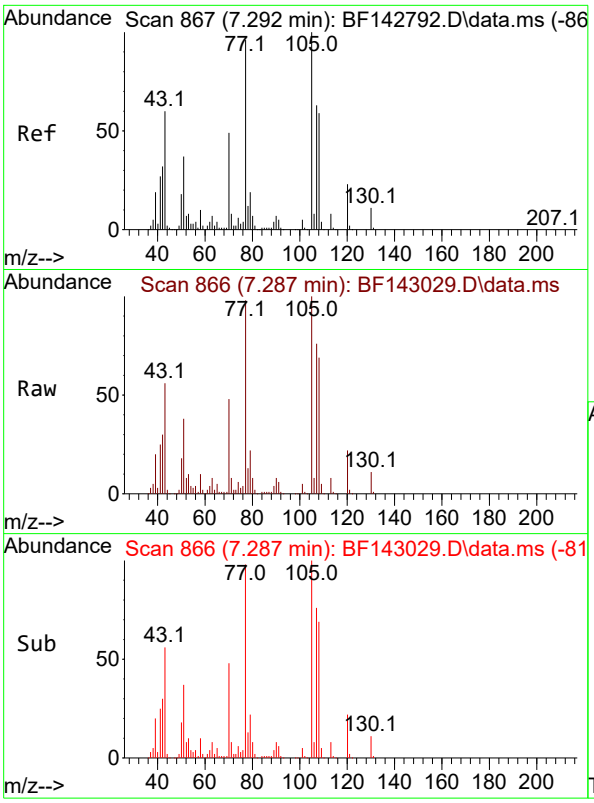


#18
Hexachloroethane
Concen: 43.309 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:117 Resp: 63093

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.4	113.0
201	100.9	75.9	113.9



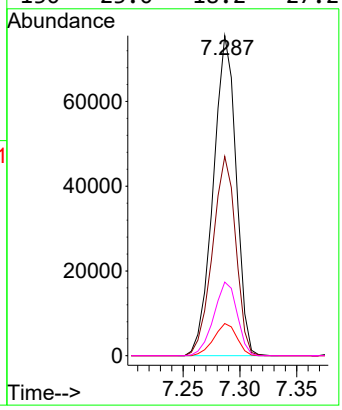


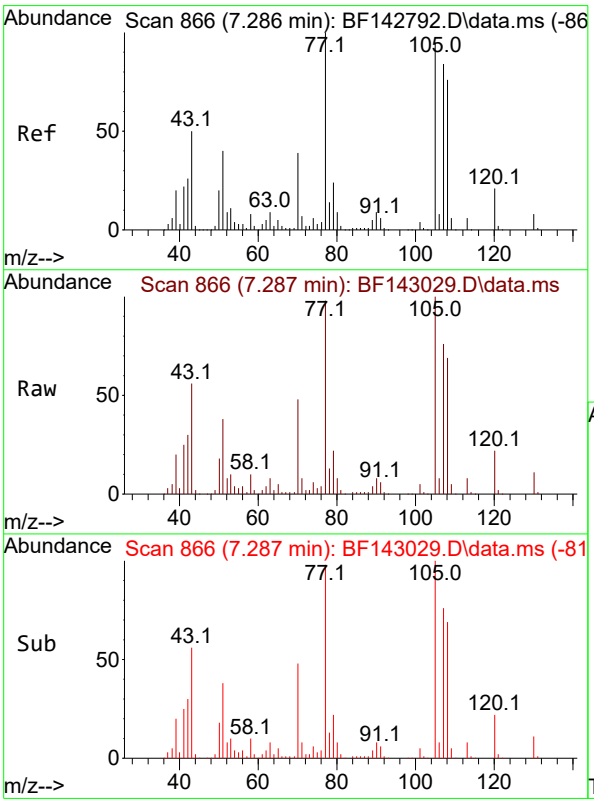
#19
n-Nitroso-di-n-propylamine
Concen: 45.167 ng
RT: 7.287 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion: 70 Resp: 106051

Ion	Ratio	Lower	Upper
70	100		
42	62.3	52.1	78.1
101	10.0	8.2	12.2
130	23.0	18.2	27.2

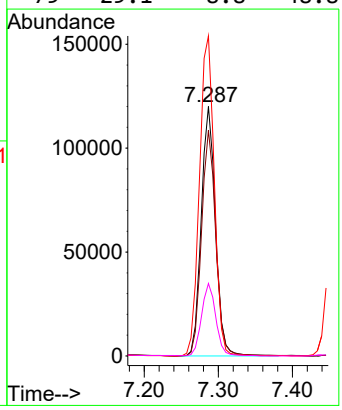


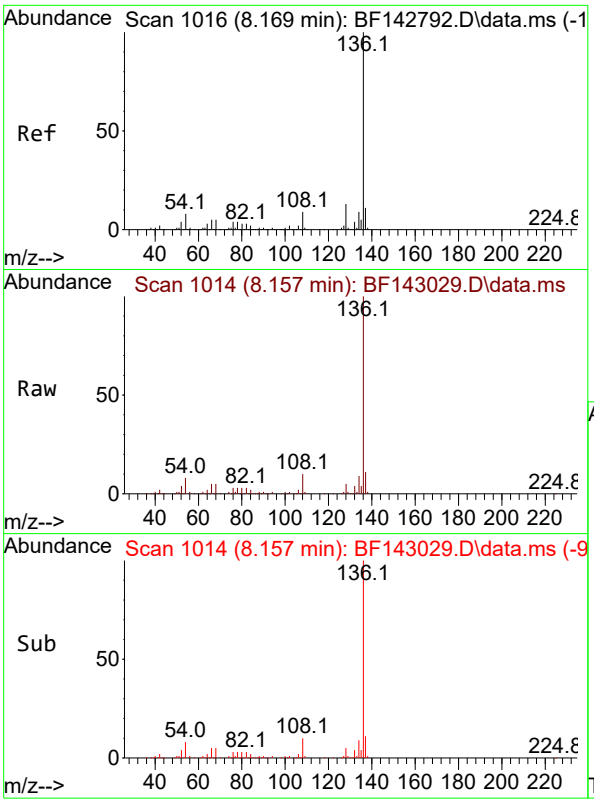


#20
3+4-Methylphenols
Concen: 46.052 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:107 Resp: 160614

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.0	110.0
77	128.3	98.5	138.5
79	29.1	8.8	48.8



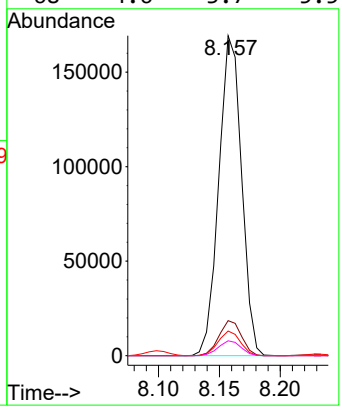


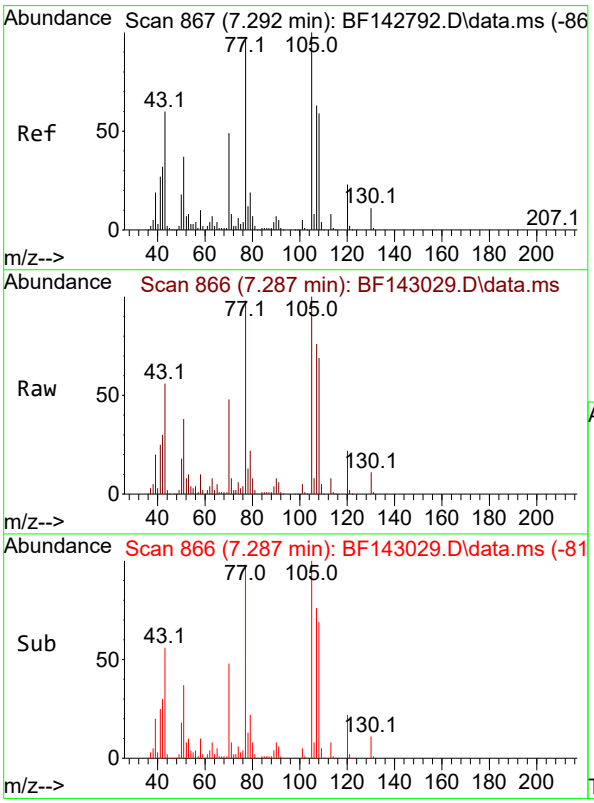
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:136 Resp: 220160

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.7	6.3	9.5
68	4.6	3.7	5.5

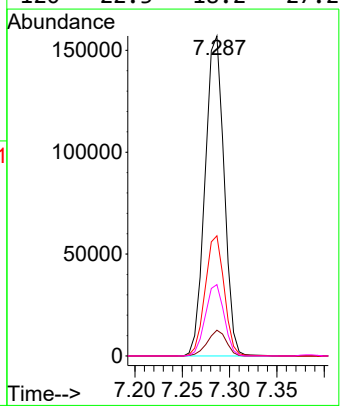


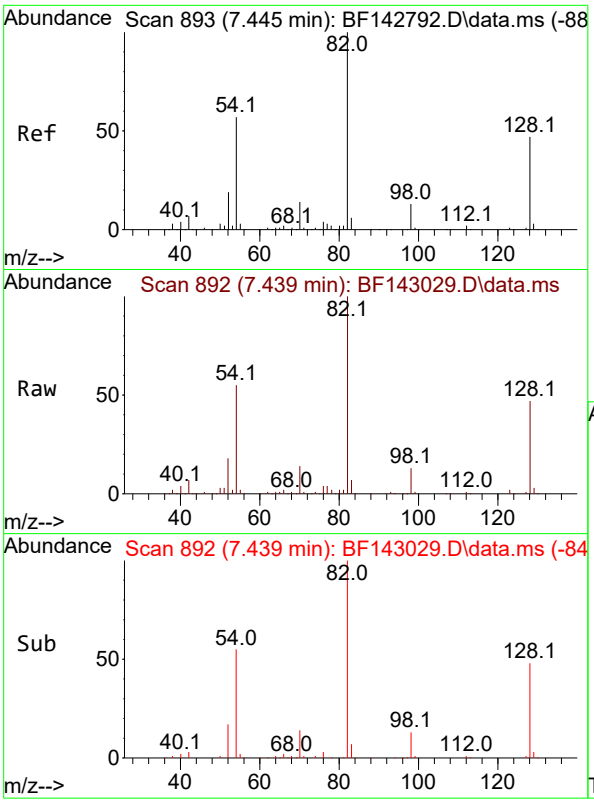


#22
Acetophenone
Concen: 45.054 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:105 Resp: 218734

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.5	9.7
51	37.6	29.8	44.8
120	22.3	18.2	27.2



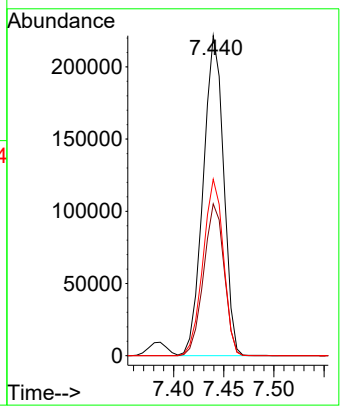


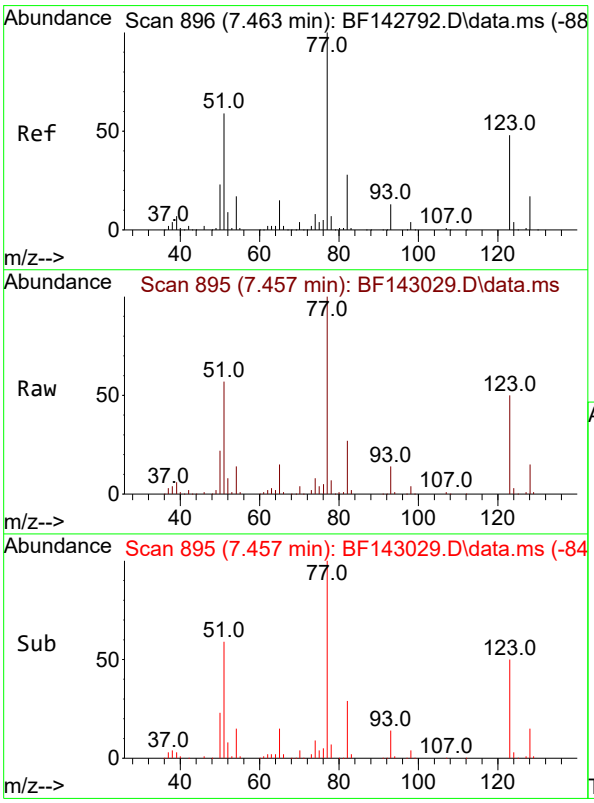
#23
Nitrobenzene-d5
Concen: 78.368 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion: 82 Resp: 314553

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.7	56.5
54	55.2	45.7	68.5

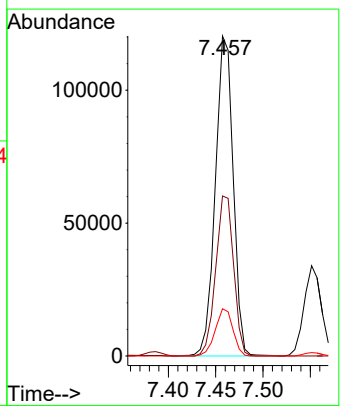


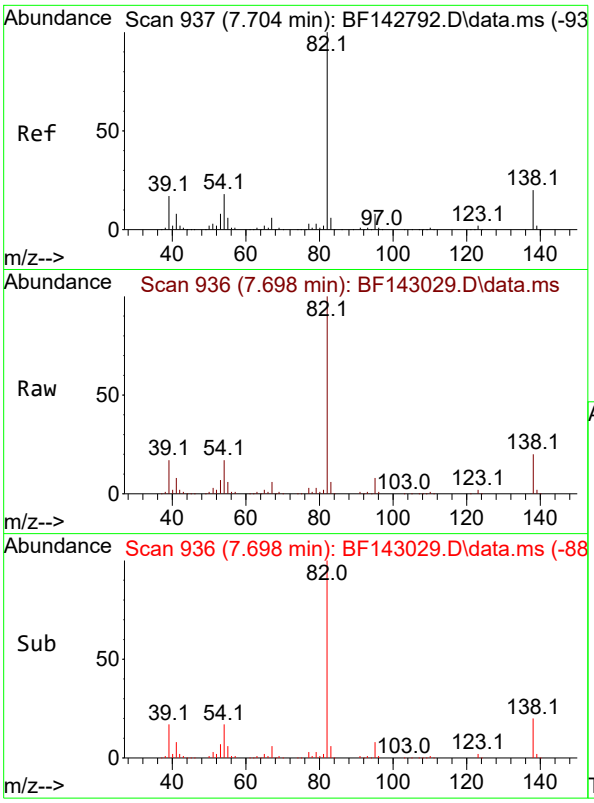


#24
Nitrobenzene
Concen: 43.492 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 77 Resp: 158000

Ion	Ratio	Lower	Upper
77	100		
123	50.0	39.2	58.8
65	14.7	11.6	17.4



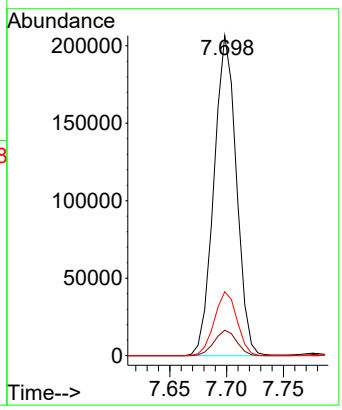


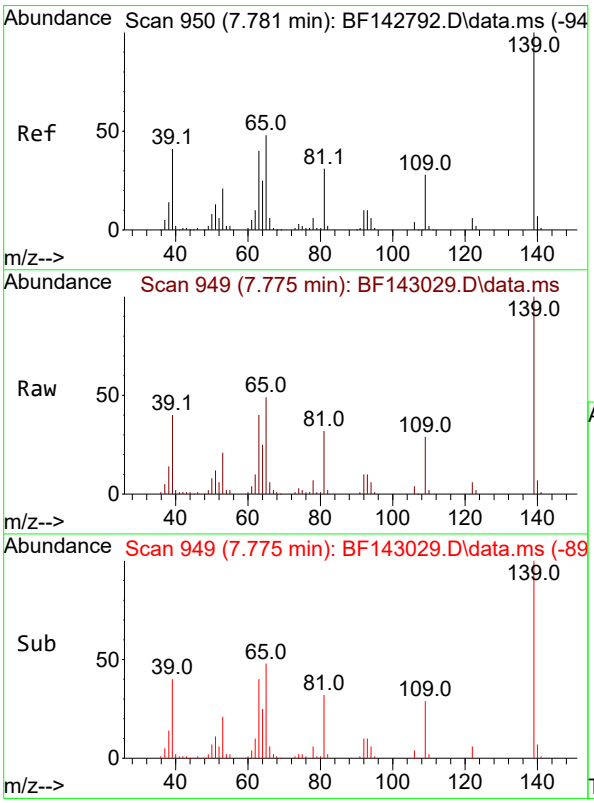
#25
Isophorone
Concen: 44.097 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion: 82 Resp: 283931

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.2	9.2
138	20.0	16.2	24.4

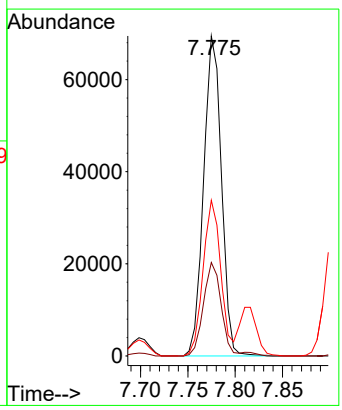


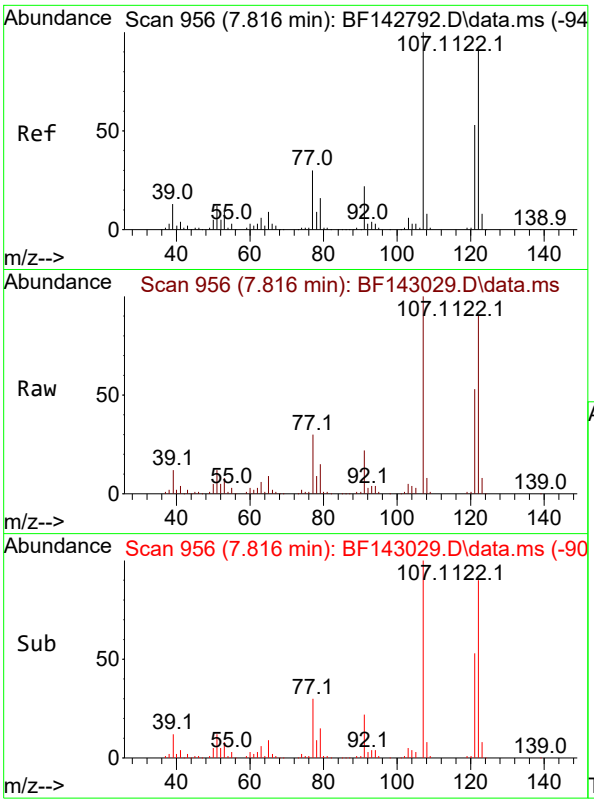


#26
2-Nitrophenol
Concen: 45.789 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:139 Resp: 90615

Ion	Ratio	Lower	Upper
139	100		
109	29.2	22.7	34.1
65	48.7	38.6	58.0



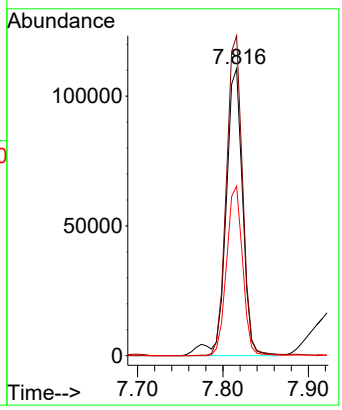


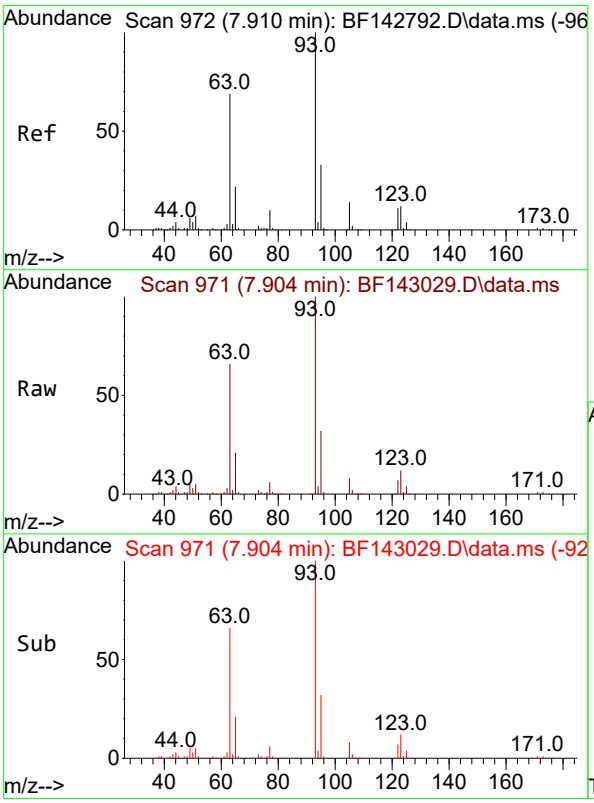
#27
2,4-Dimethylphenol
Concen: 43.847 ng m
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:122 Resp: 150303

Ion	Ratio	Lower	Upper
122	100		
107	111.5	88.0	132.0
121	59.1	46.3	69.5

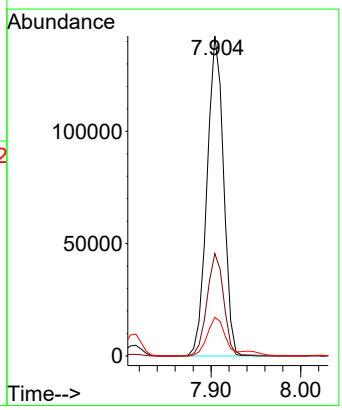


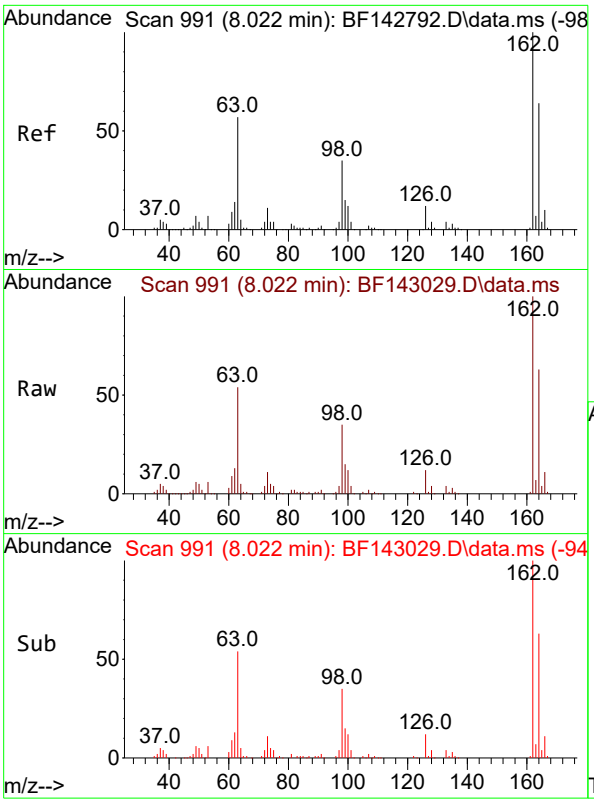


#28
bis(2-Chloroethoxy)methane
Concen: 44.484 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 93 Resp: 182094

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.2
123	12.1	9.9	14.9



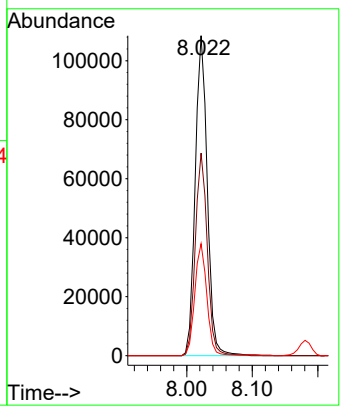


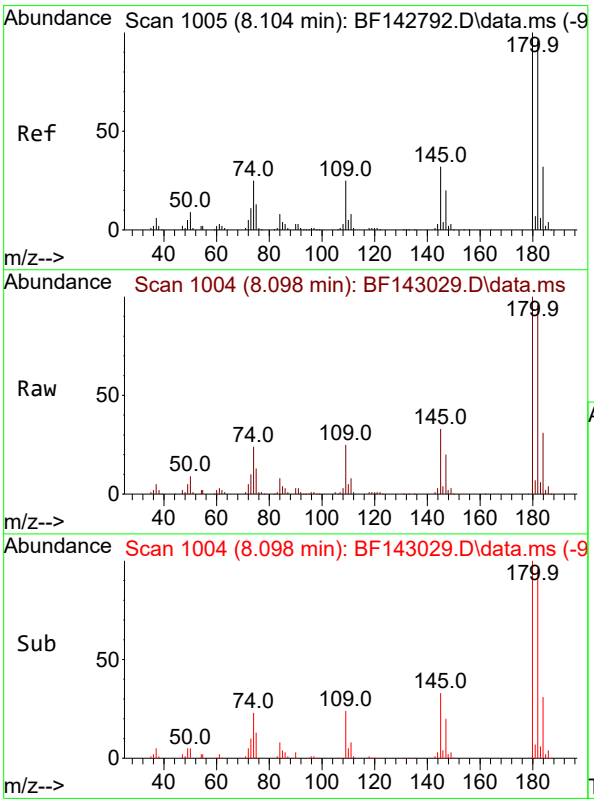
#29
2,4-Dichlorophenol
Concen: 44.825 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:162 Resp: 139324

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.0	84.0
98	35.0	15.4	55.4

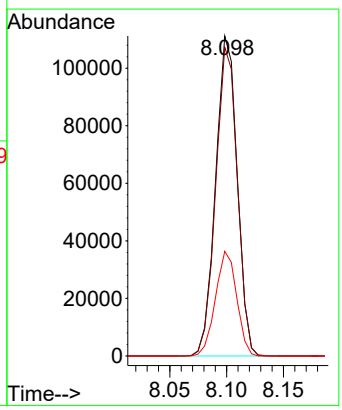


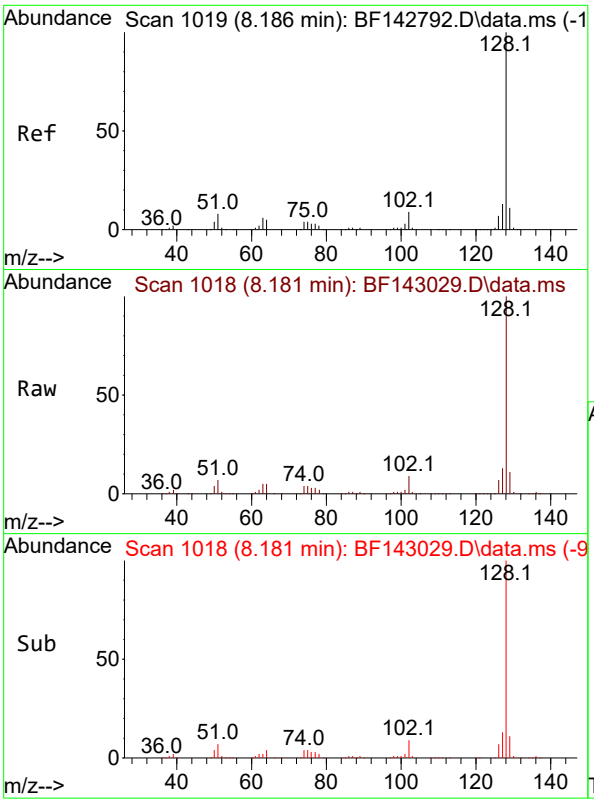


#30
1,2,4-Trichlorobenzene
Concen: 42.905 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:180 Resp: 146639

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.4	114.6
145	32.7	25.8	38.8



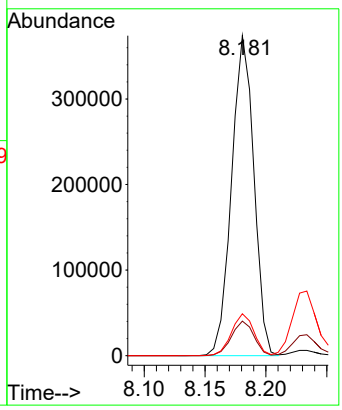


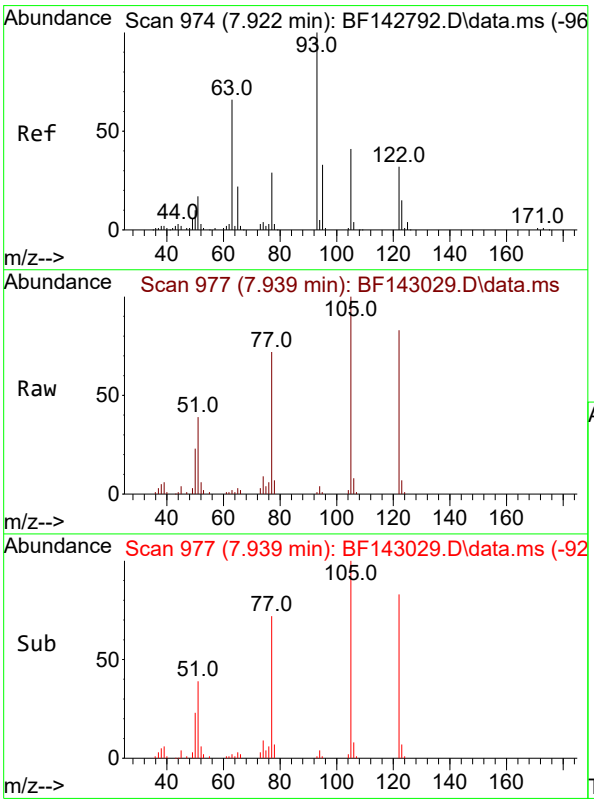
#31
Naphthalene
Concen: 44.174 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:128 Resp: 476035

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.1	10.4	15.6

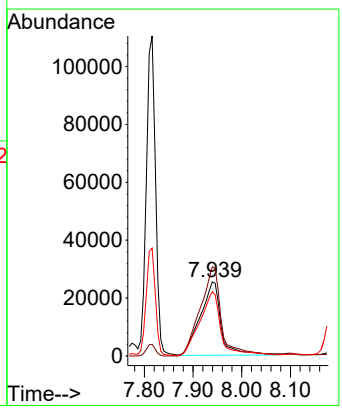


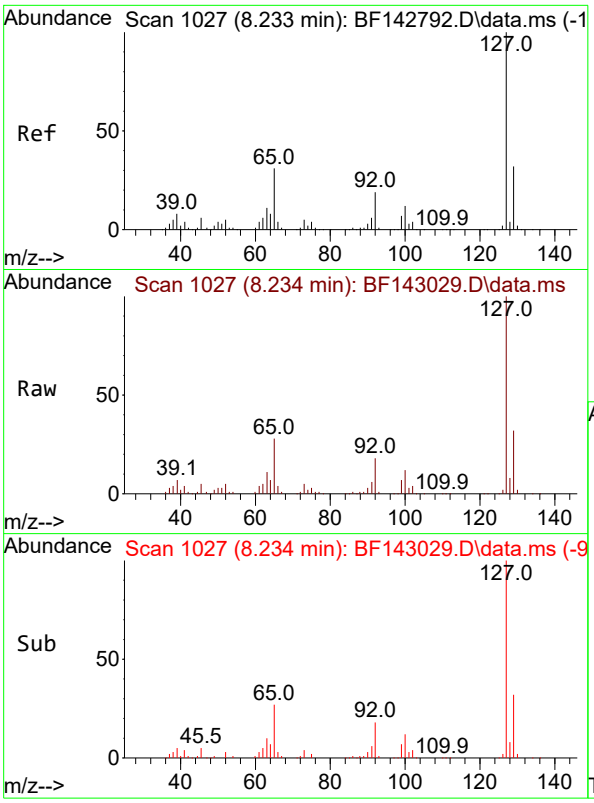


#32
Benzoic acid
Concen: 43.024 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:122 Resp: 75170

Ion	Ratio	Lower	Upper
122	100		
105	120.2	104.7	144.7
77	86.8	70.2	110.2



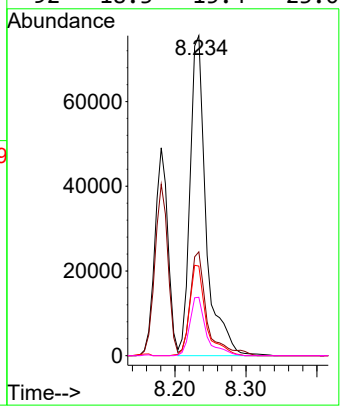


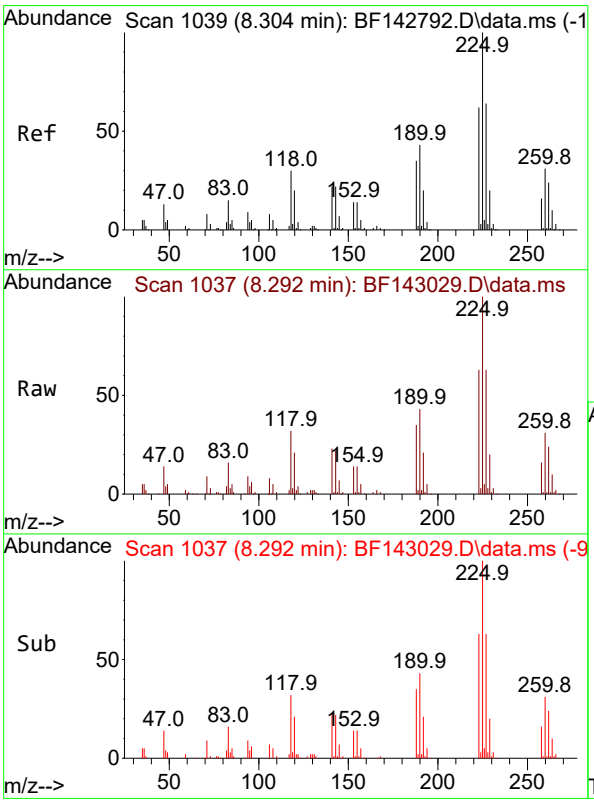
#33
4-Chloroaniline
Concen: 27.208 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:127 Resp: 119222

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.0	24.6	36.8
92	18.3	15.4	23.0

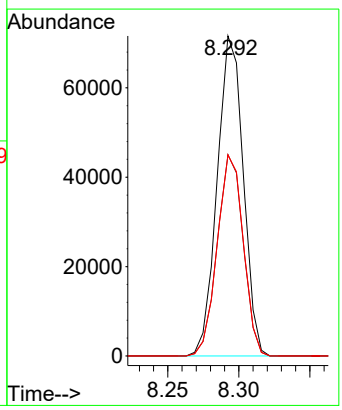


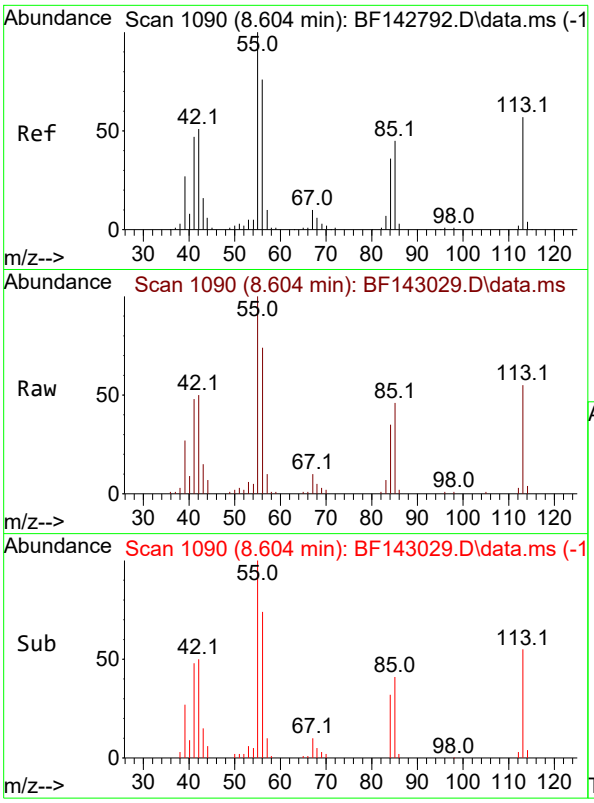


#34
Hexachlorobutadiene
Concen: 43.646 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:225 Resp: 91247

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.9	74.9
227	62.8	51.4	77.0



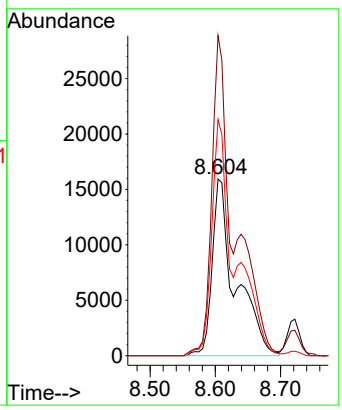


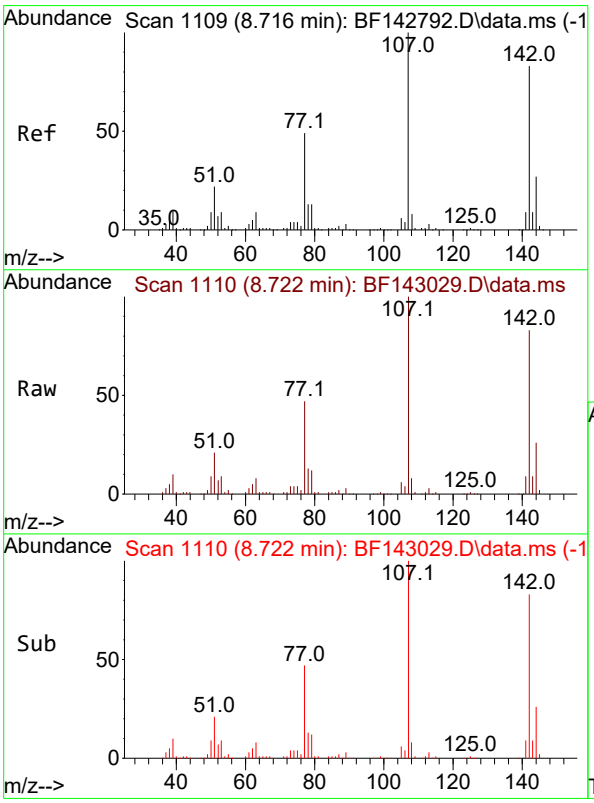
#35
Caprolactam
Concen: 48.074 ng m
RT: 8.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:113 Resp: 39429

Ion	Ratio	Lower	Upper
113	100		
55	181.2	154.4	194.4
56	133.7	112.1	152.1

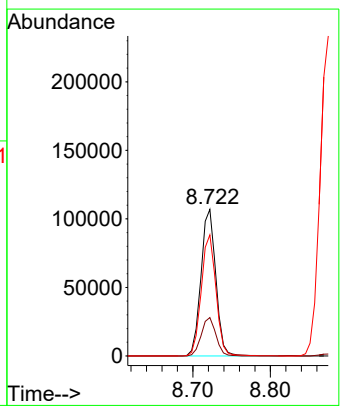


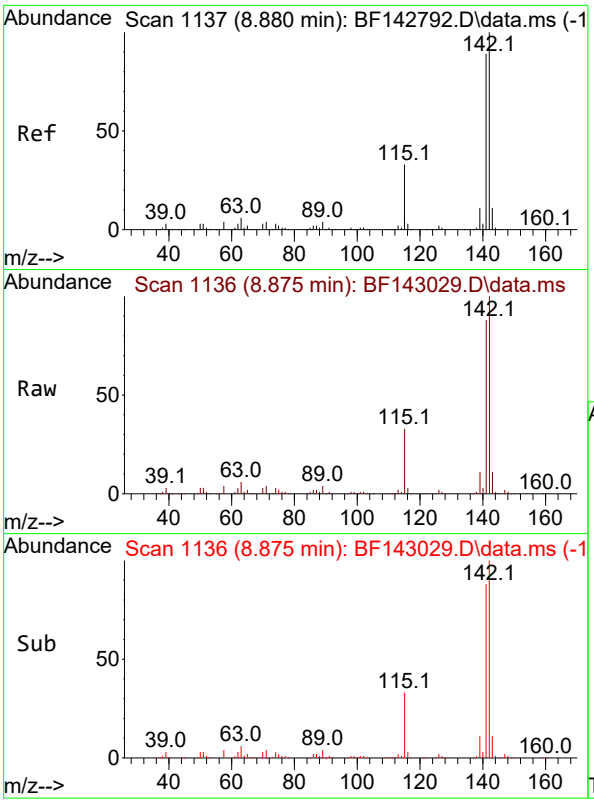


#36
4-Chloro-3-methylphenol
Concen: 46.004 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:107 Resp: 142106

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.3	31.9
142	82.6	66.6	100.0



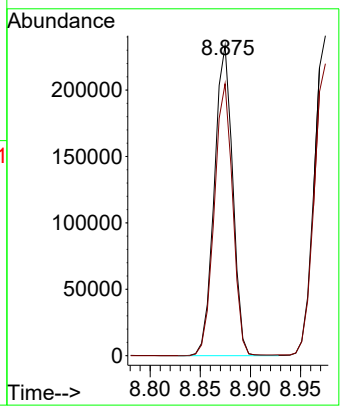


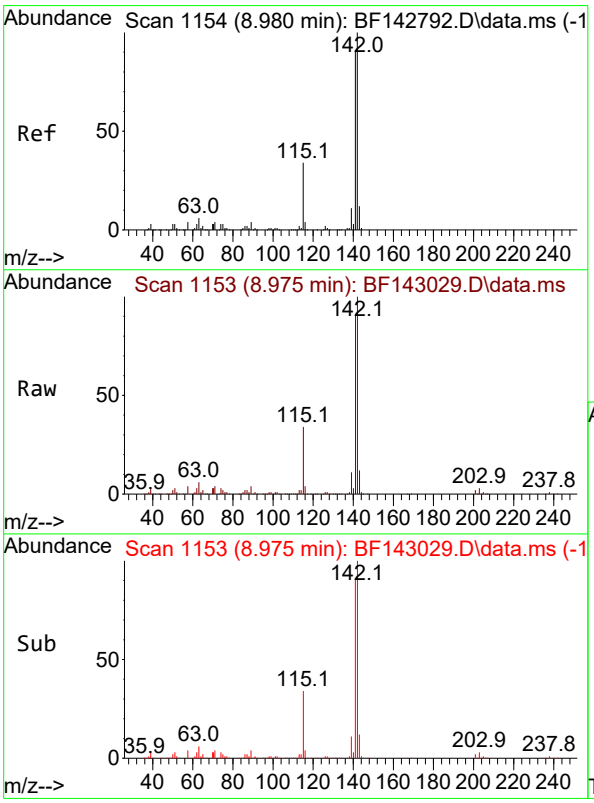
#37
2-Methylnaphthalene
Concen: 44.415 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:142 Resp: 296736

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.9	106.3

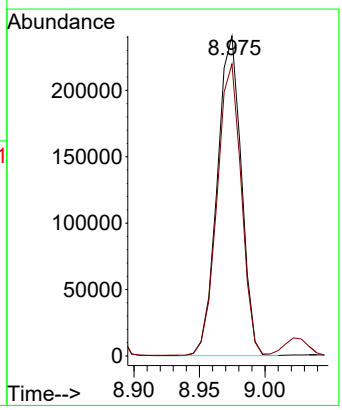


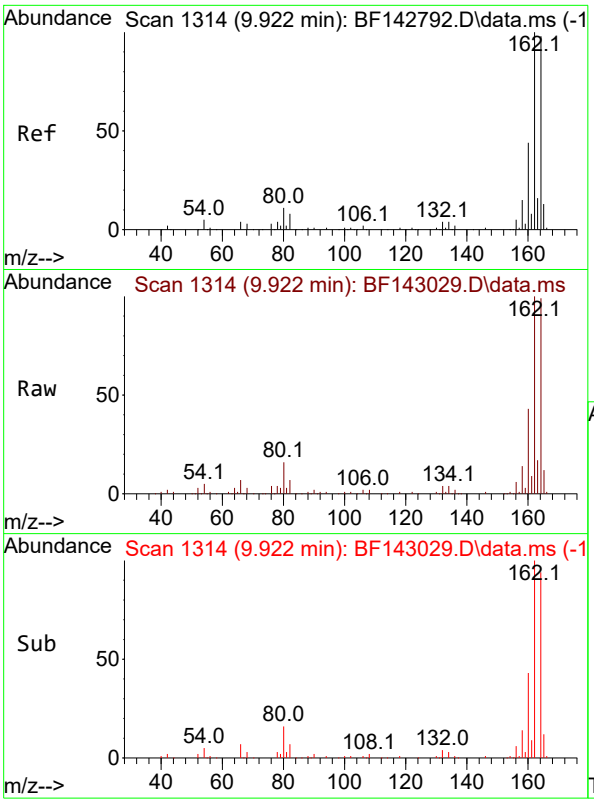


#38
1-Methylnaphthalene
Concen: 44.442 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:142 Resp: 307365

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.4



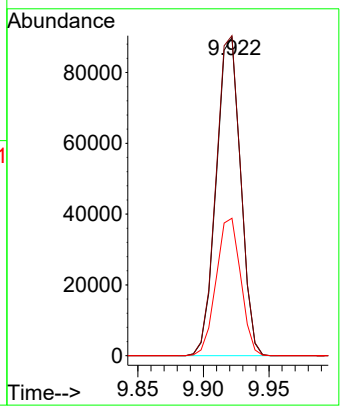


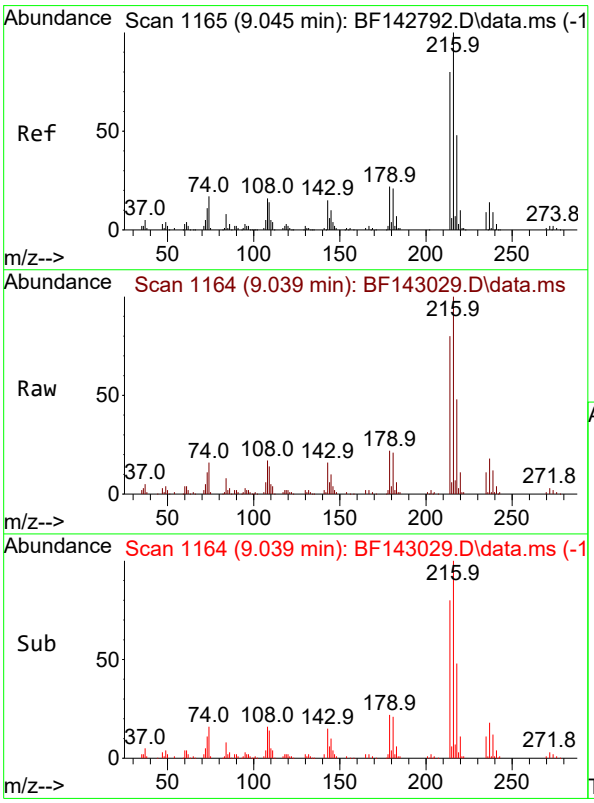
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:164 Resp: 116094

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.8	122.8
160	43.2	36.0	54.0

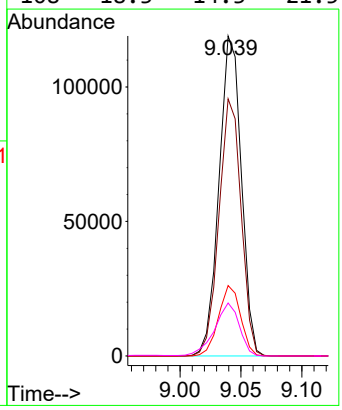


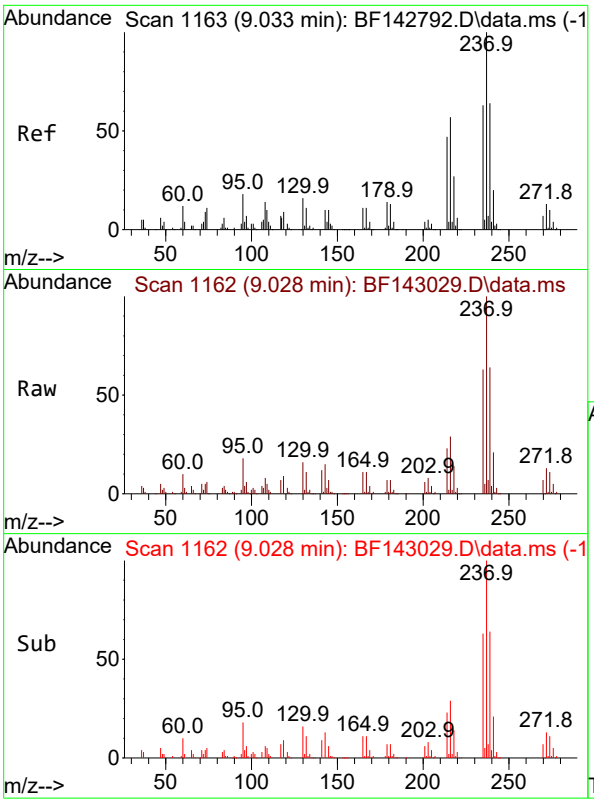


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.294 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:216 Resp: 151731

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.7	95.5
179	21.8	17.6	26.4
108	18.3	14.3	21.5



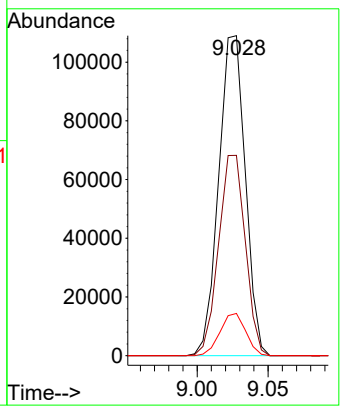


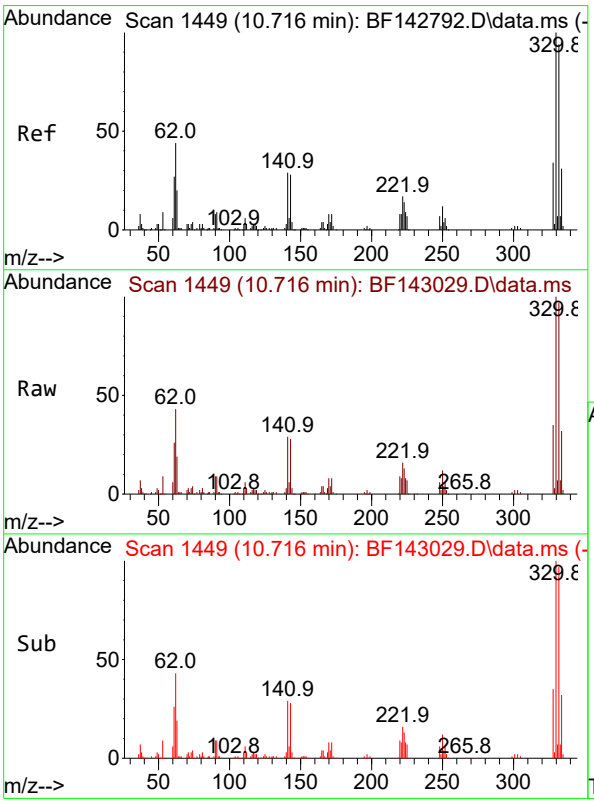
#41
Hexachlorocyclopentadiene
Concen: 73.159 ng
RT: 9.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:237 Resp: 142216

Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.4	83.4
272	13.2	0.0	32.7

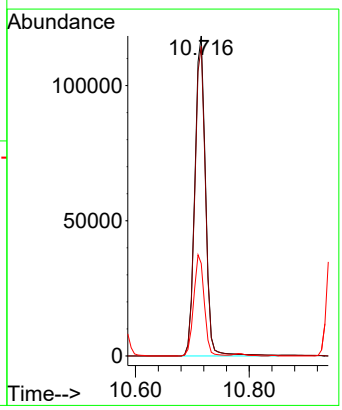


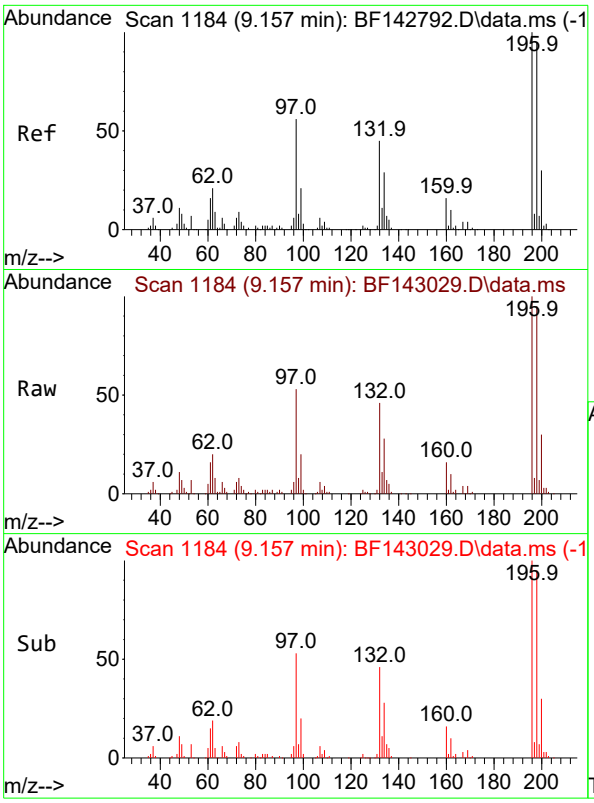


#42
2,4,6-Tribromophenol
Concen: 130.371 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:330 Resp: 155752

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.0	112.6
141	31.2	25.3	37.9



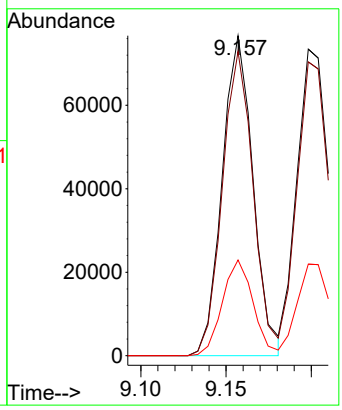


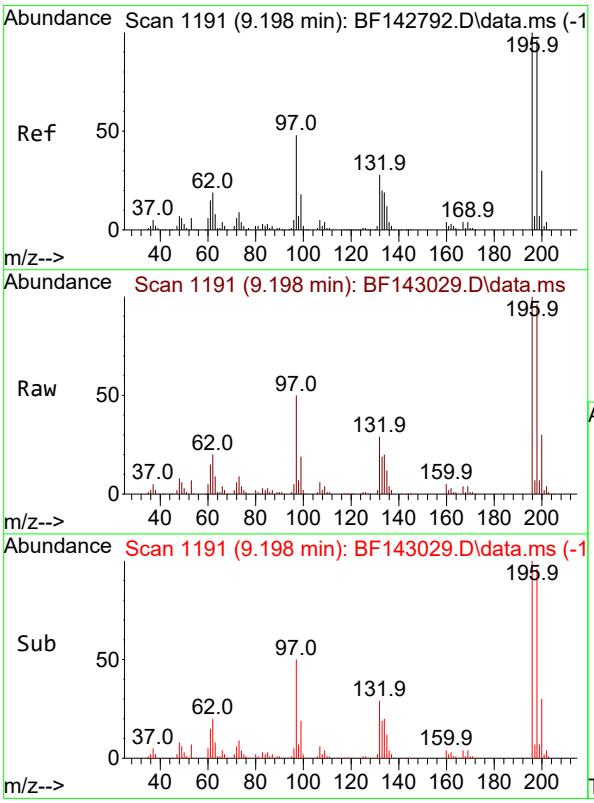
#43
2,4,6-Trichlorophenol
Concen: 43.270 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:196 Resp: 96587

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.2	114.2
200	29.9	24.1	36.1

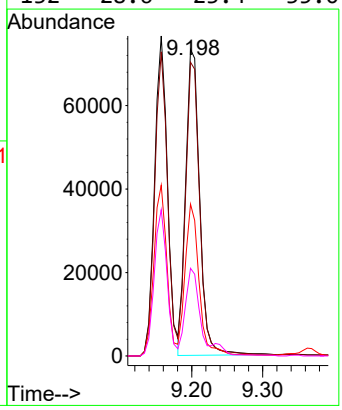


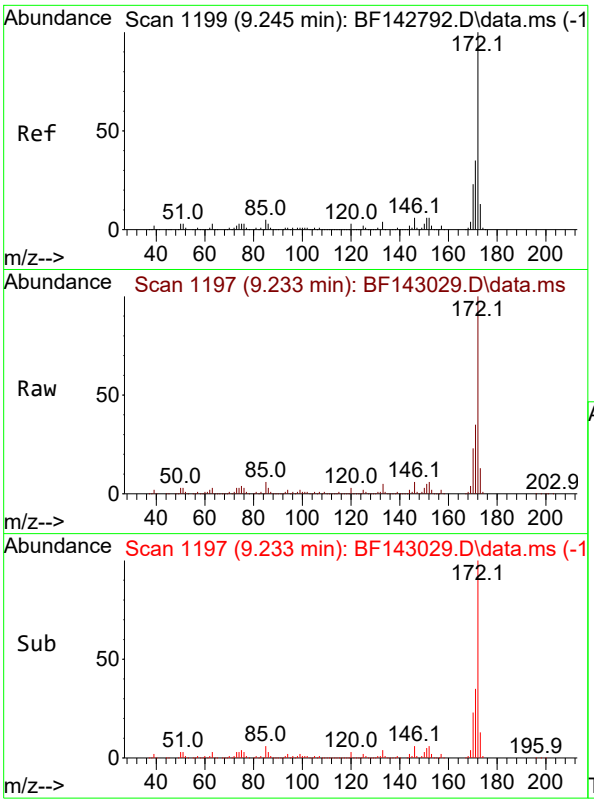


#44
2,4,5-Trichlorophenol
Concen: 43.065 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:196 Resp: 101191

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
97	49.5	38.2	57.2
132	28.6	23.4	35.0



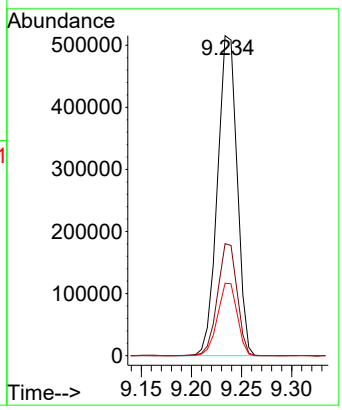


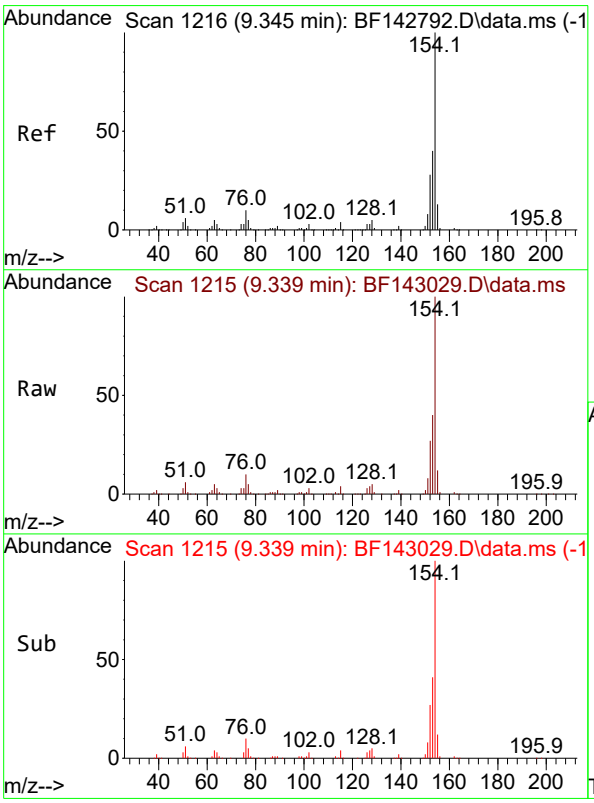
#45
2-Fluorobiphenyl
Concen: 79.035 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:172 Resp: 698464

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	22.7	18.5	27.7

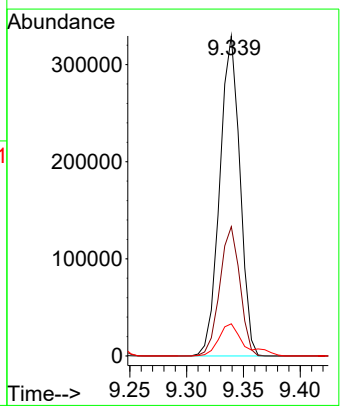


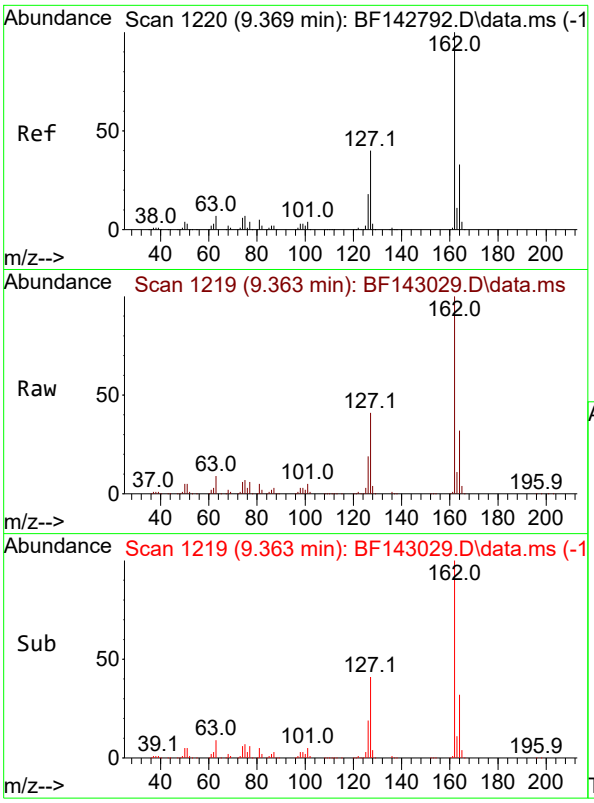


#46
1,1'-Biphenyl
Concen: 44.443 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:154 Resp: 407573

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	10.1	0.0	30.3



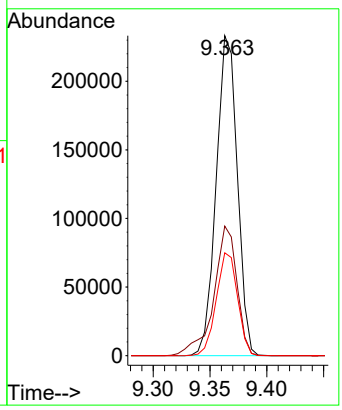


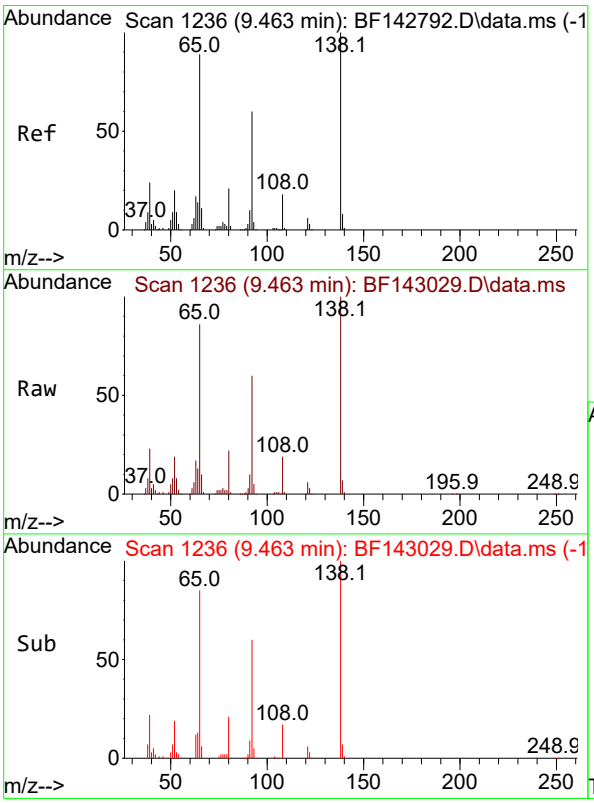
#47
2-Chloronaphthalene
Concen: 43.914 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:162 Resp: 302216

Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.2	48.2
164	32.2	26.1	39.1

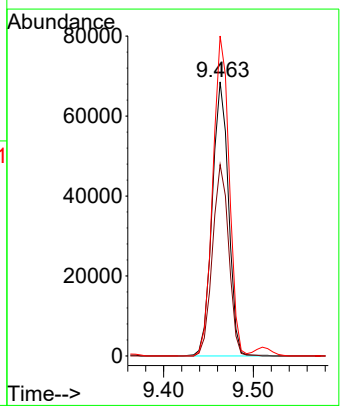


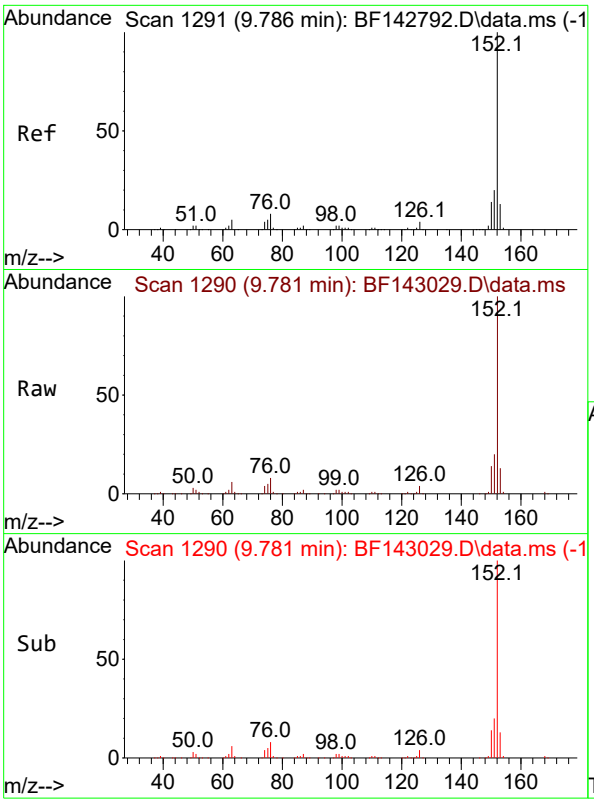


#48
2-Nitroaniline
Concen: 44.881 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 65 Resp: 86594

Ion	Ratio	Lower	Upper
65	100		
92	69.8	53.8	80.6
138	116.7	89.6	134.4



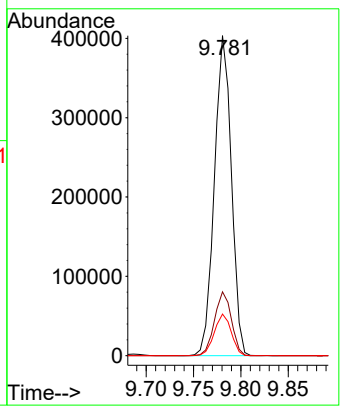


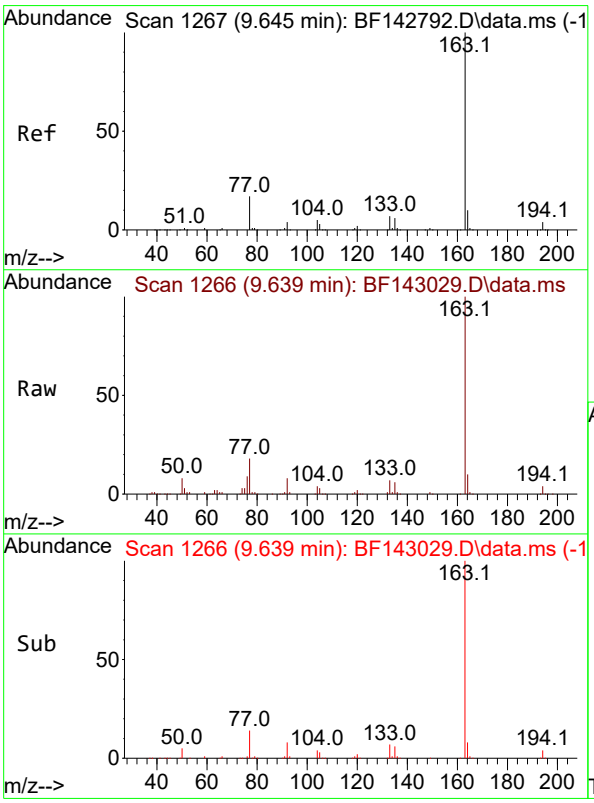
#49
Acenaphthylene
Concen: 44.498 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:152 Resp: 504125

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.0	10.4	15.6

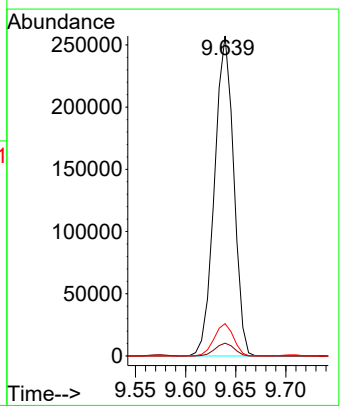


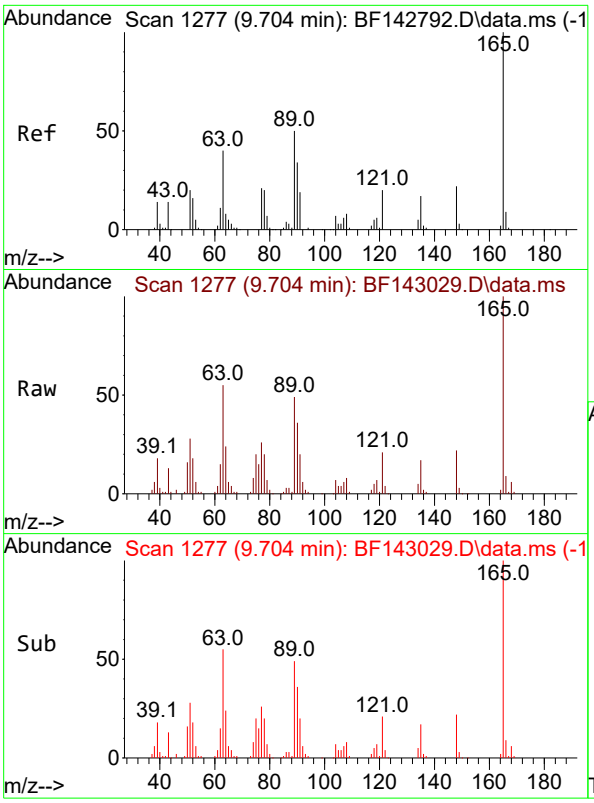


#50
Dimethylphthalate
Concen: 45.562 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:163 Resp: 342391

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	8.0	12.0



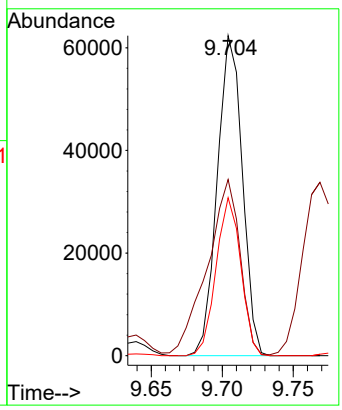


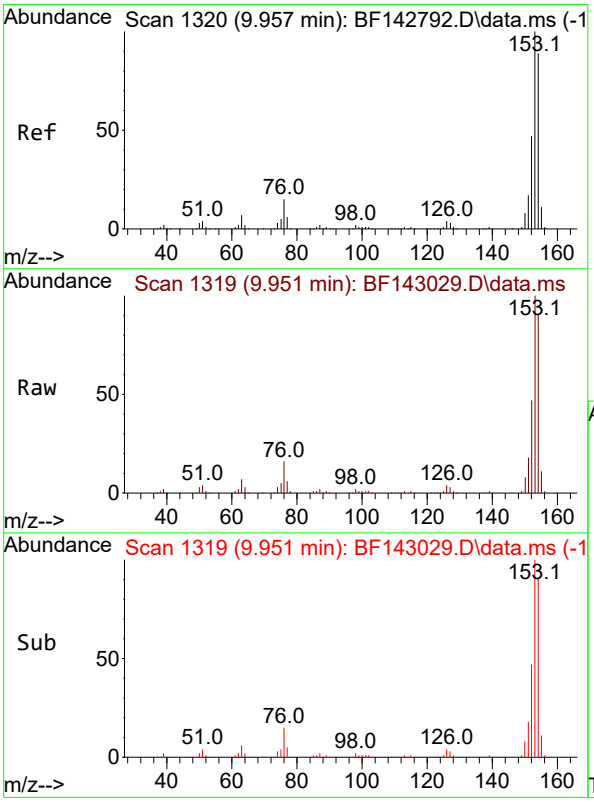
#51
2,6-Dinitrotoluene
Concen: 46.398 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:165 Resp: 76571

Ion	Ratio	Lower	Upper
165	100		
63	55.0	44.2	66.4
89	49.4	39.8	59.8

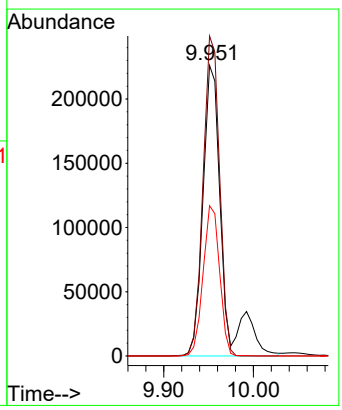


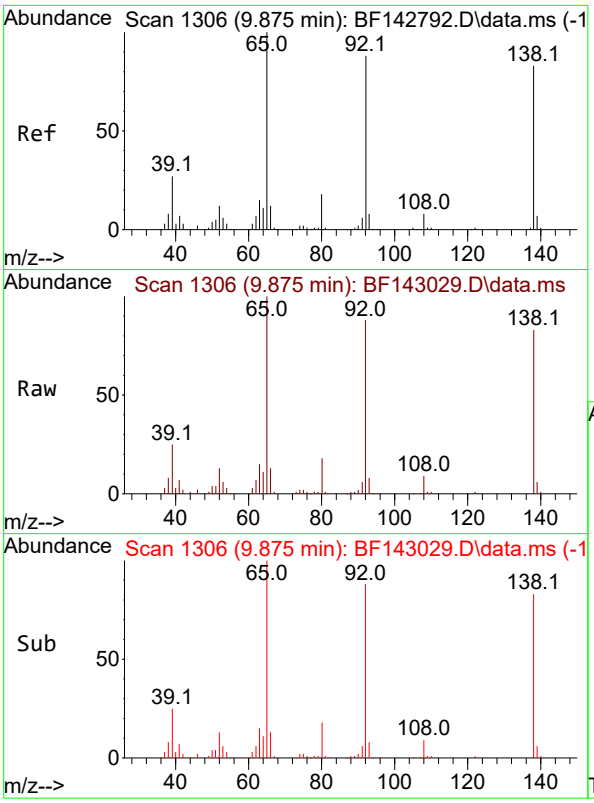


#52
Acenaphthene
Concen: 48.655 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:154 Resp: 336316

Ion	Ratio	Lower	Upper
154	100		
153	110.1	90.0	135.0
152	51.7	41.9	62.9



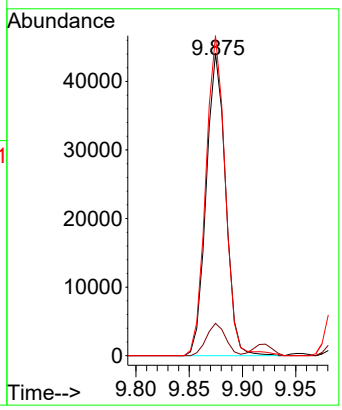


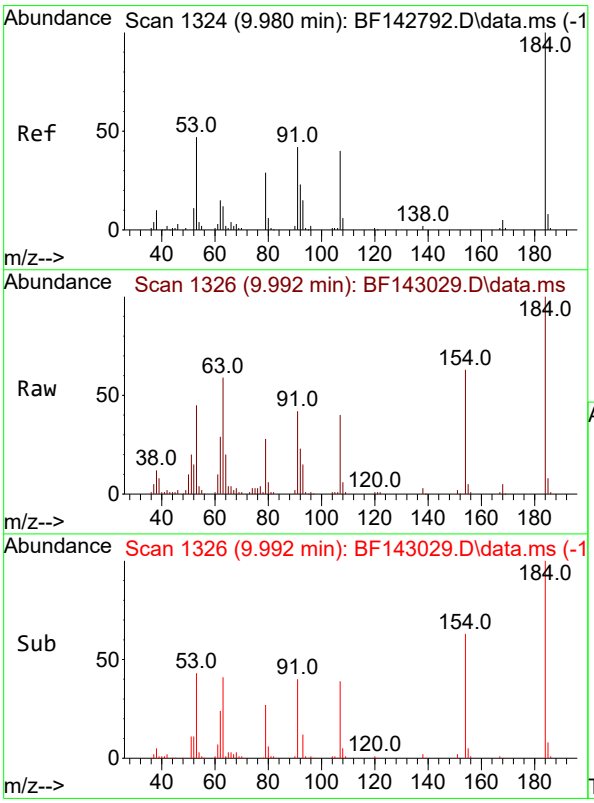
#53
3-Nitroaniline
Concen: 30.749 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:138 Resp: 55871

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.1	12.1
92	105.7	85.1	127.7

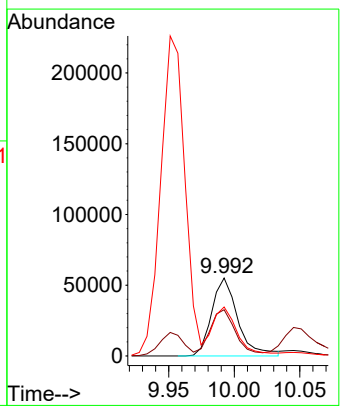


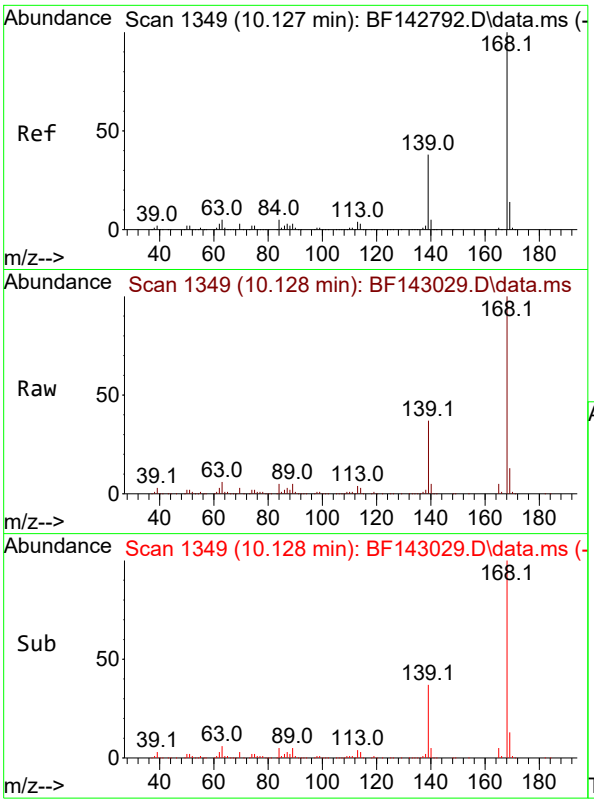


#54
2,4-Dinitrophenol
Concen: 92.423 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:184 Resp: 76374

Ion	Ratio	Lower	Upper
184	100		
63	59.4	50.6	75.8
154	62.8	51.8	77.8



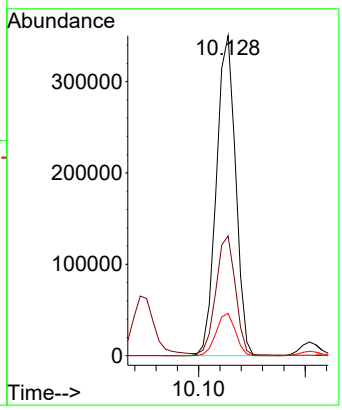


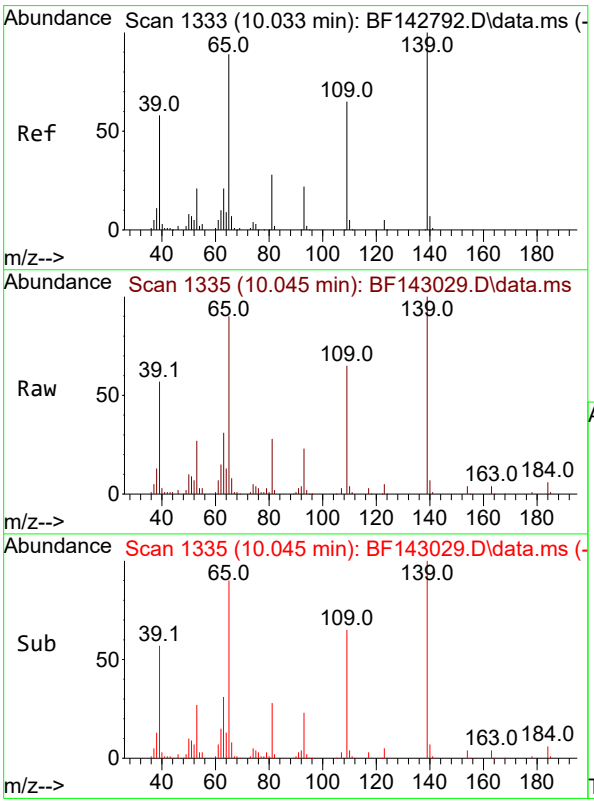
#55
Dibenzofuran
Concen: 44.183 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:168 Resp: 437940

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.2	45.4
169	13.2	10.8	16.2

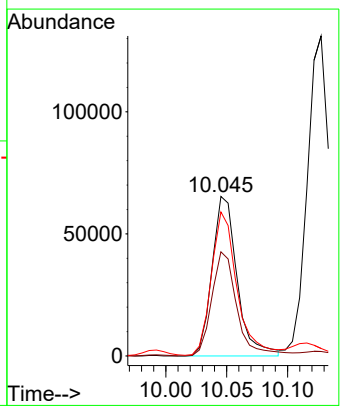


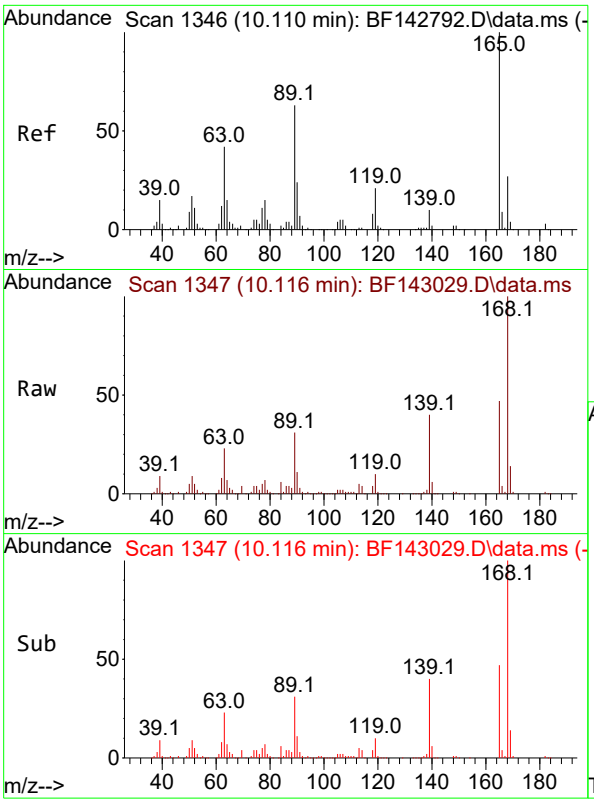


#56
4-Nitrophenol
Concen: 75.123 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:139 Resp: 93448

Ion	Ratio	Lower	Upper
139	100		
109	65.3	44.7	84.7
65	90.3	69.8	109.8



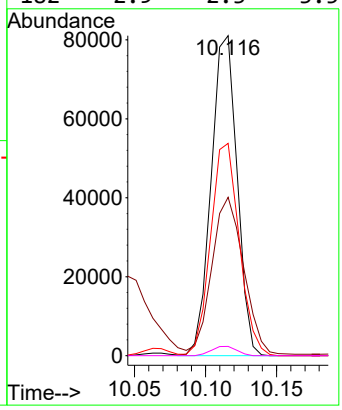


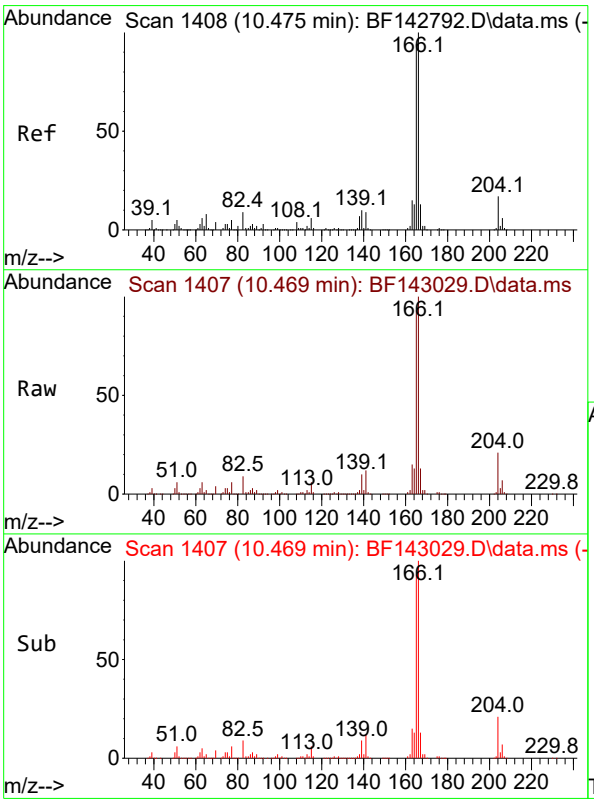
#57
2,4-Dinitrotoluene
Concen: 46.946 ng
RT: 10.116 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:165 Resp: 102912

Ion	Ratio	Lower	Upper
165	100		
63	49.5	33.9	50.9
89	66.3	50.6	75.8
182	2.9	2.3	3.5

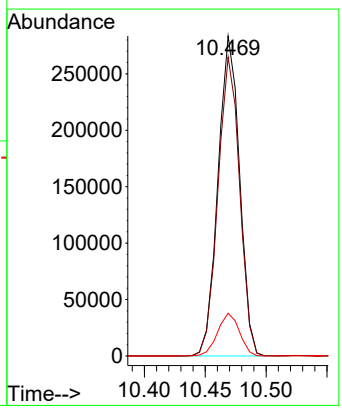


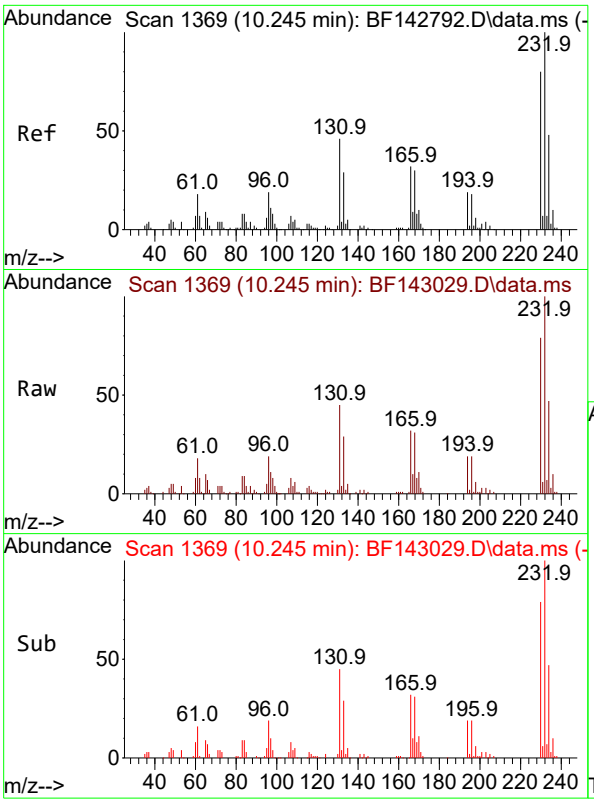


#58
Fluorene
Concen: 45.185 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:166 Resp: 349779

Ion	Ratio	Lower	Upper
166	100		
165	93.4	75.2	112.8
167	13.3	10.6	15.8



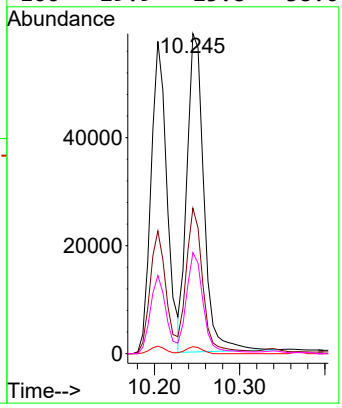


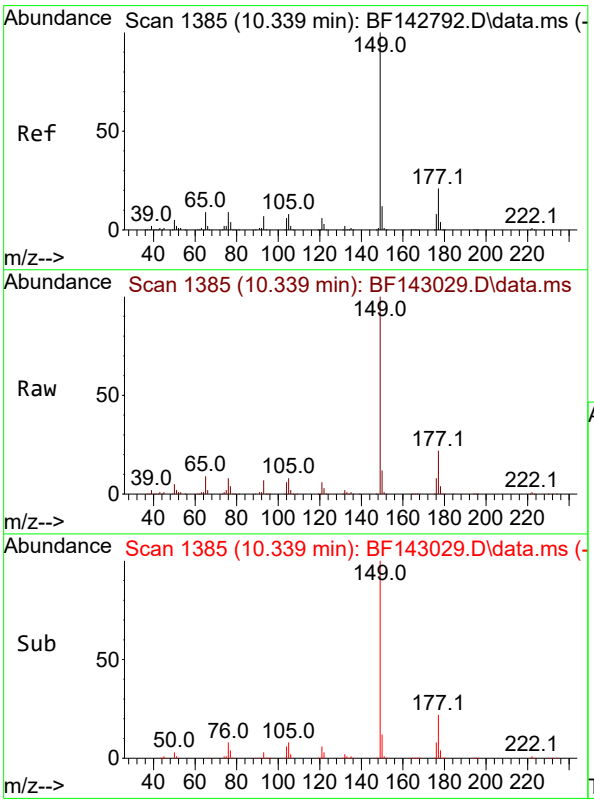
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.946 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:232 Resp: 81341

Ion	Ratio	Lower	Upper
232	100		
131	44.1	37.6	56.4
130	2.1	1.7	2.5
166	29.9	25.8	38.6

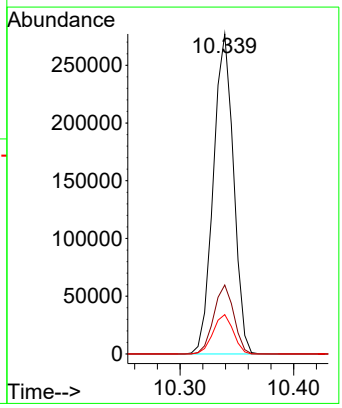


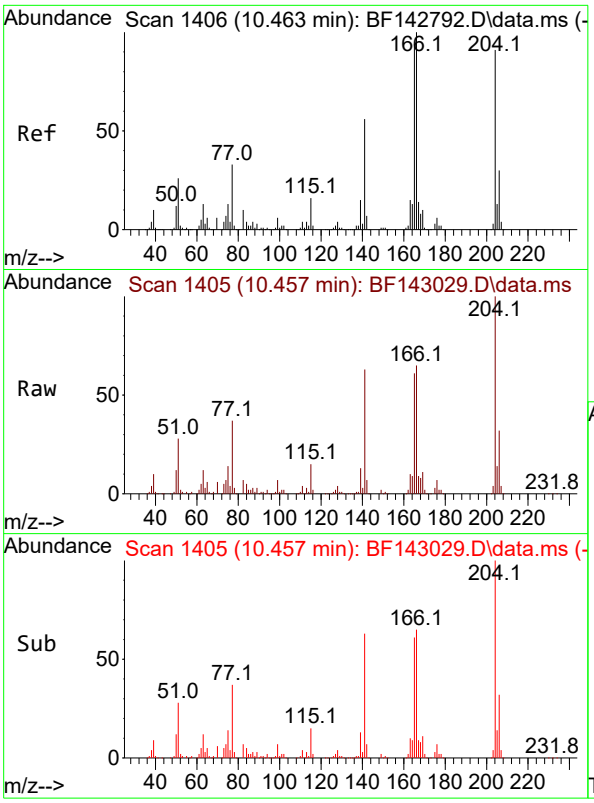


#60
Diethylphthalate
Concen: 46.434 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:149 Resp: 342130

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.3	9.8	14.6



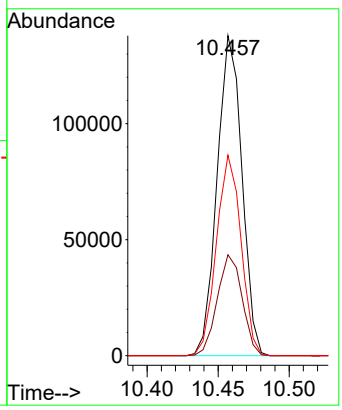


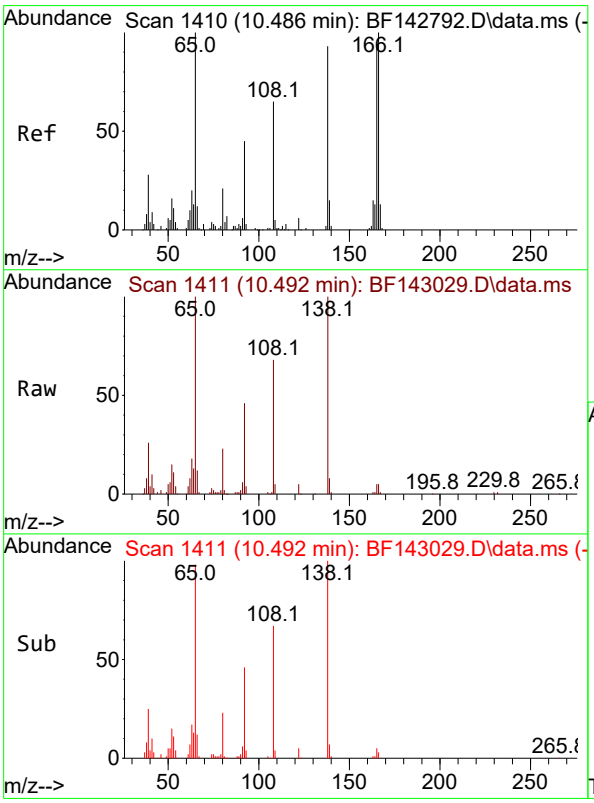
#61
4-Chlorophenyl-phenylether
Concen: 45.387 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:204 Resp: 167657

Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.3	39.5
141	62.6	49.1	73.7

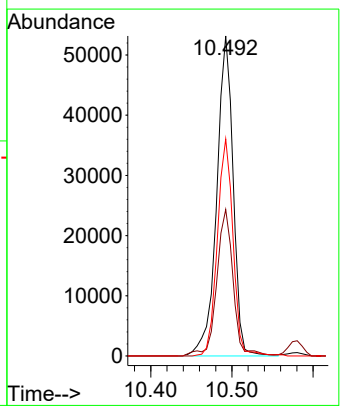


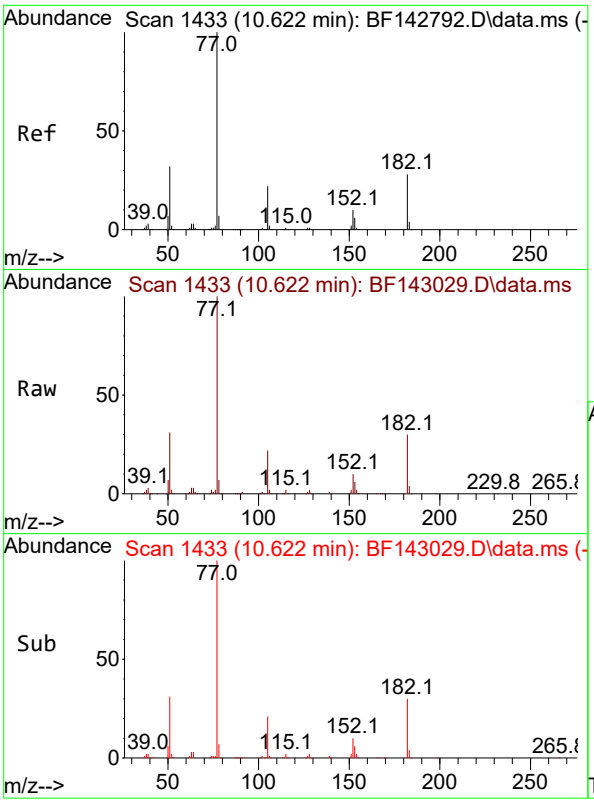


#62
4-Nitroaniline
Concen: 45.304 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:138 Resp: 75285

Ion	Ratio	Lower	Upper
138	100		
92	45.7	28.4	68.4
108	67.8	50.2	90.2



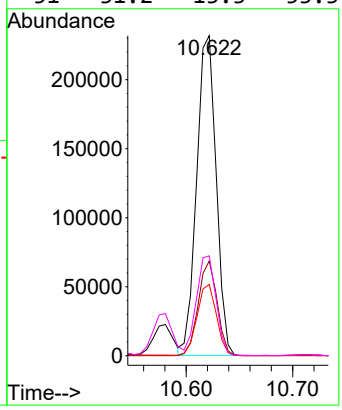


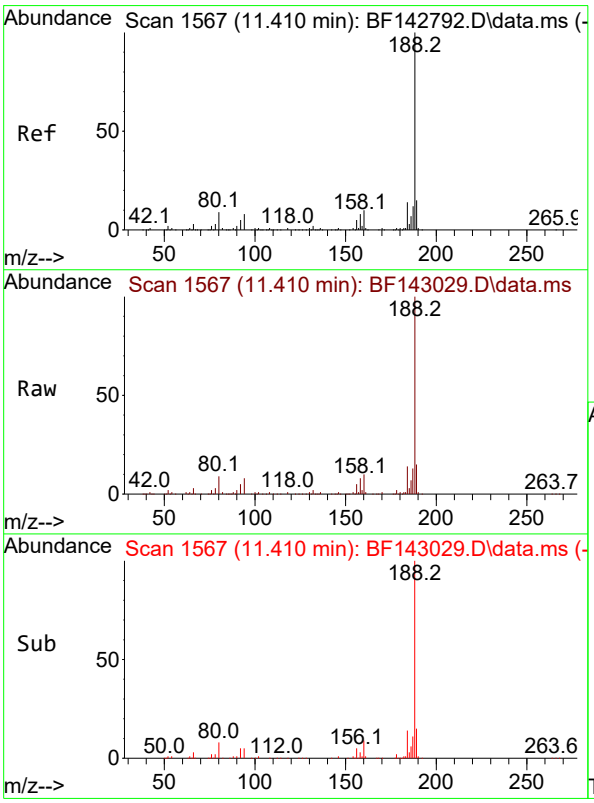
#63
Azobenzene
Concen: 44.867 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion: 77 Resp: 295464

Ion	Ratio	Lower	Upper
77	100		
182	29.6	7.7	47.7
105	22.3	1.9	41.9
51	31.2	13.3	53.3

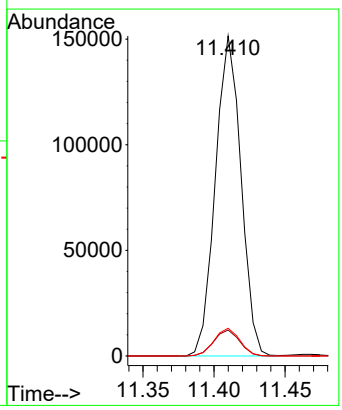


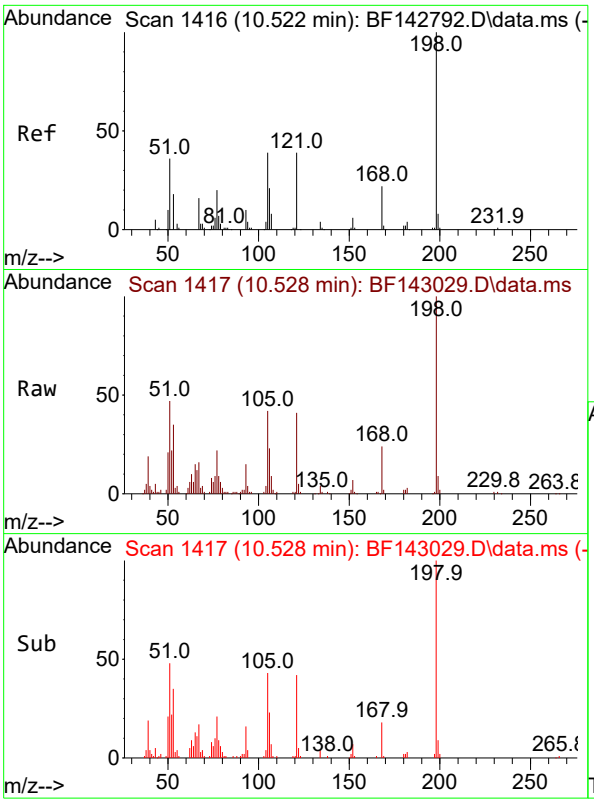


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:188 Resp: 189569

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.7	6.9	10.3



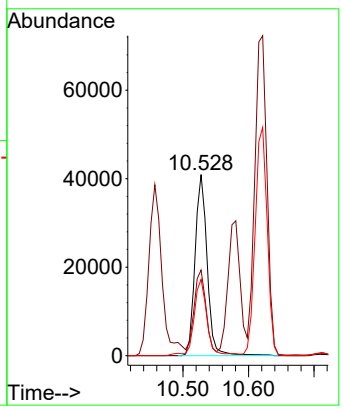


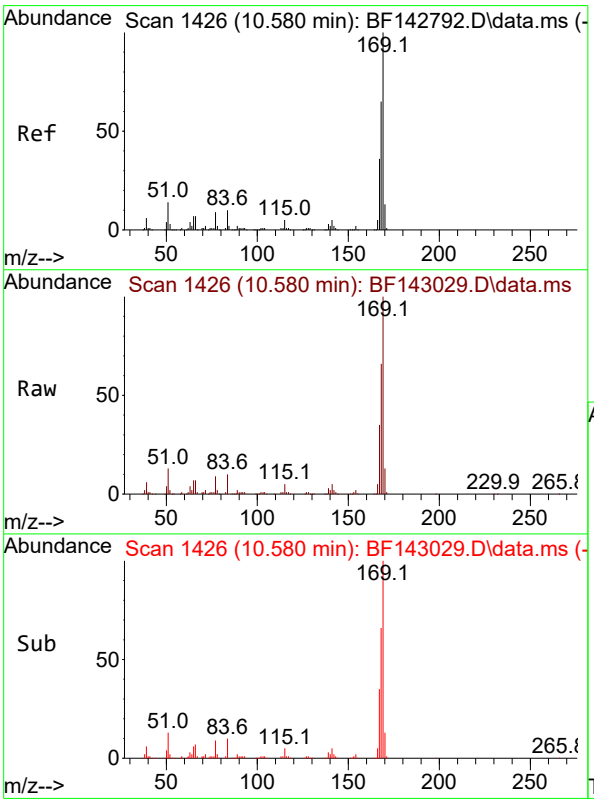
#65
4,6-Dinitro-2-methylphenol
Concen: 45.996 ng
RT: 10.528 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:198 Resp: 52741

Ion	Ratio	Lower	Upper
198	100		
51	47.2	25.4	65.4
105	42.2	20.4	60.4

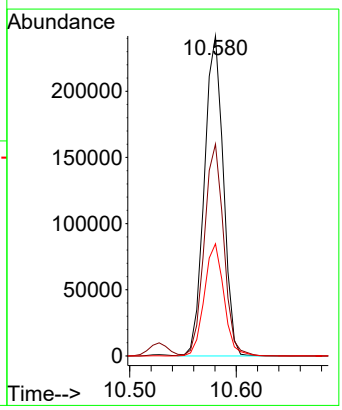


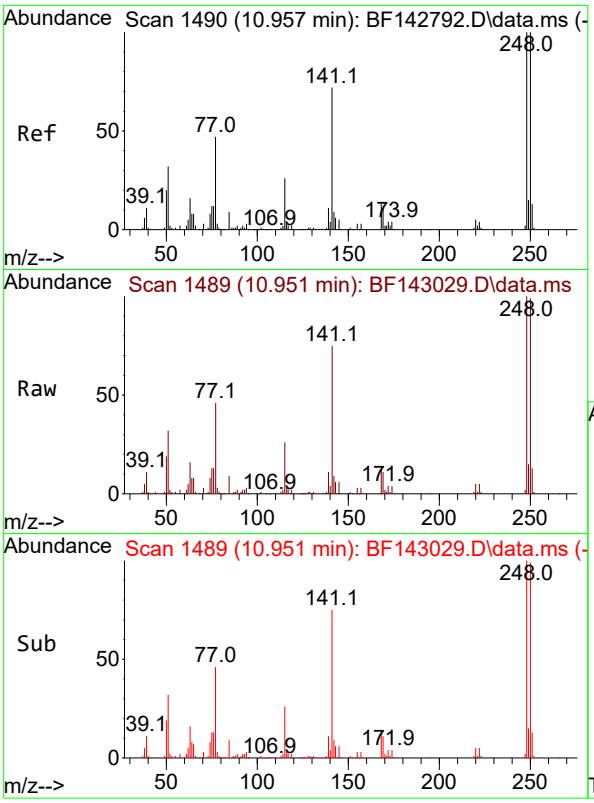


#66
n-Nitrosodiphenylamine
Concen: 45.671 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:169 Resp: 300057

Ion	Ratio	Lower	Upper
169	100		
168	66.2	51.9	77.9
167	35.0	28.5	42.7



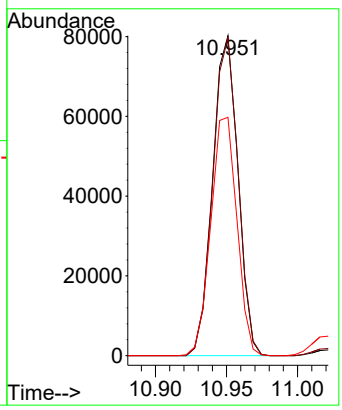


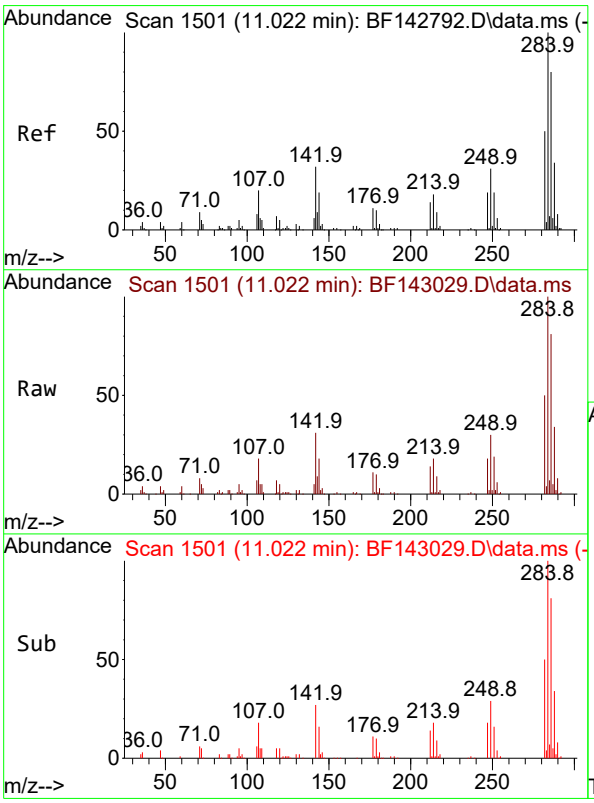
#67
4-Bromophenyl-phenylether
Concen: 46.104 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:248 Resp: 99469

Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.8	119.8
141	74.5	57.8	86.6

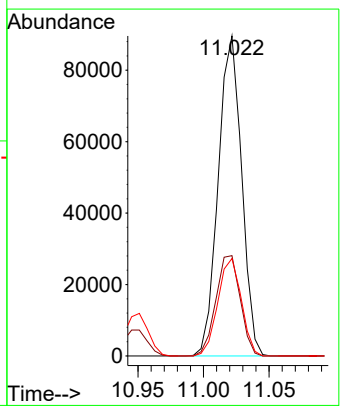


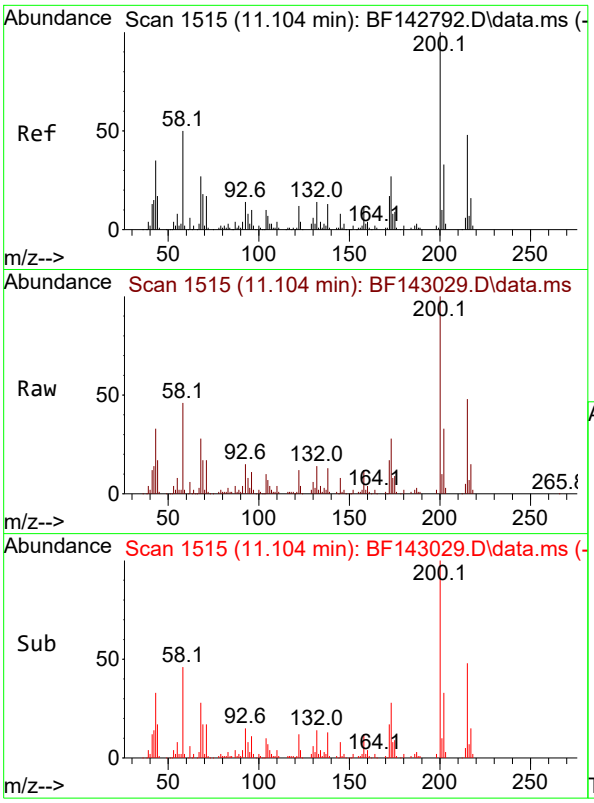


#68
Hexachlorobenzene
Concen: 46.338 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:284 Resp: 111086

Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.5	38.3
249	30.4	24.9	37.3



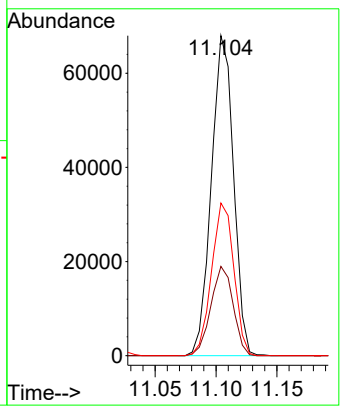


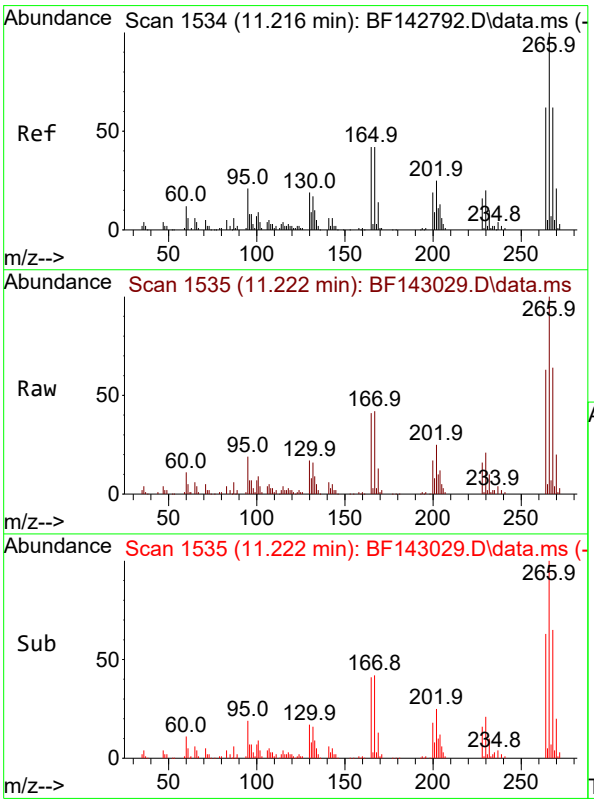
#69
Atrazine
Concen: 50.683 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:200 Resp: 85988

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.4	47.4
215	47.7	28.4	68.4

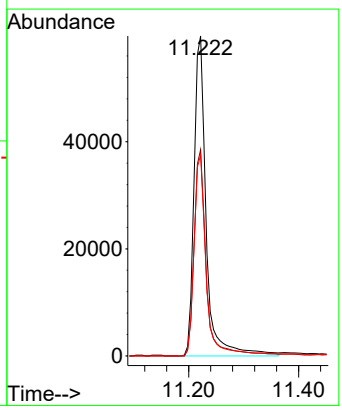


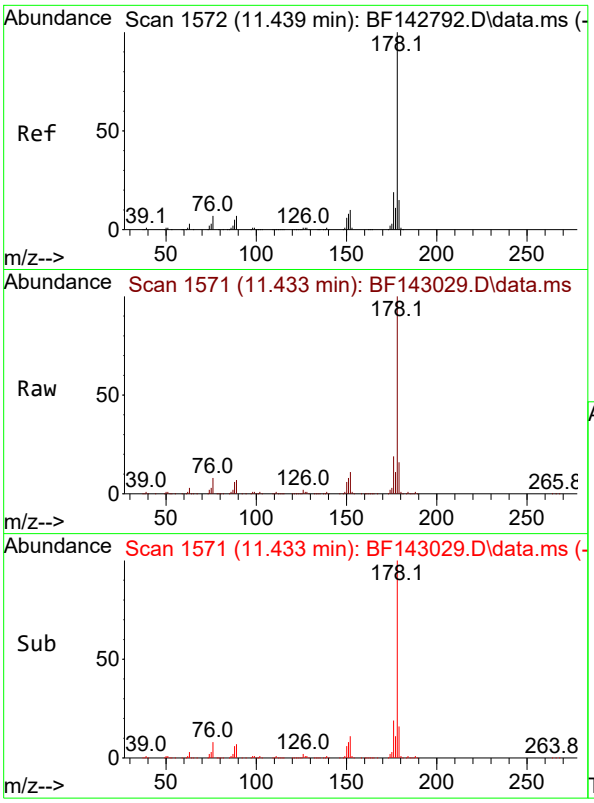


#70
Pentachlorophenol
Concen: 77.092 ng
RT: 11.222 min Scan# 1535
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:266 Resp: 92093

Ion	Ratio	Lower	Upper
266	100		
268	64.4	49.8	74.8
264	62.8	49.9	74.9



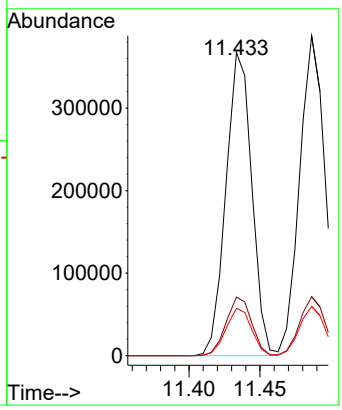


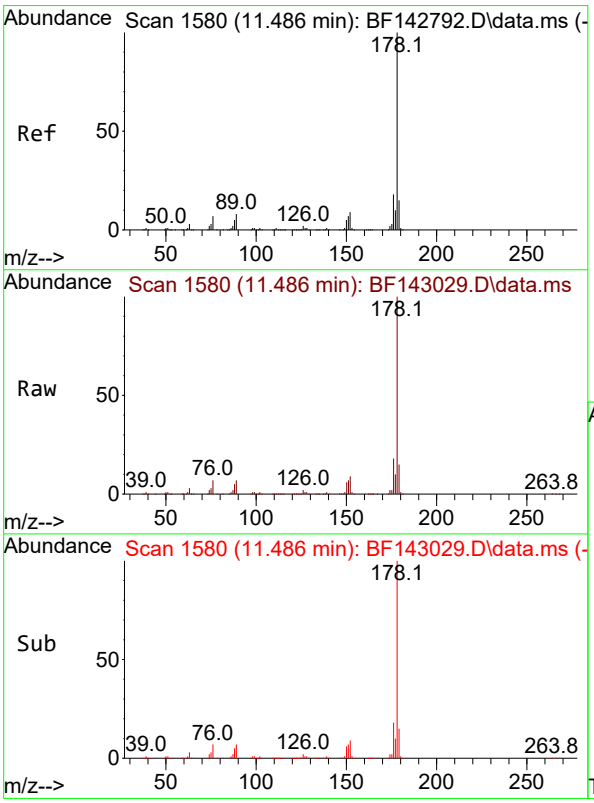
#71
Phenanthrene
Concen: 45.449 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:178 Resp: 466709

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.6	12.0	18.0

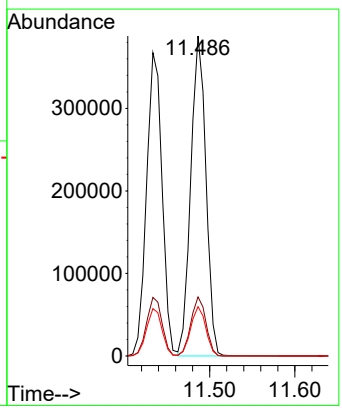


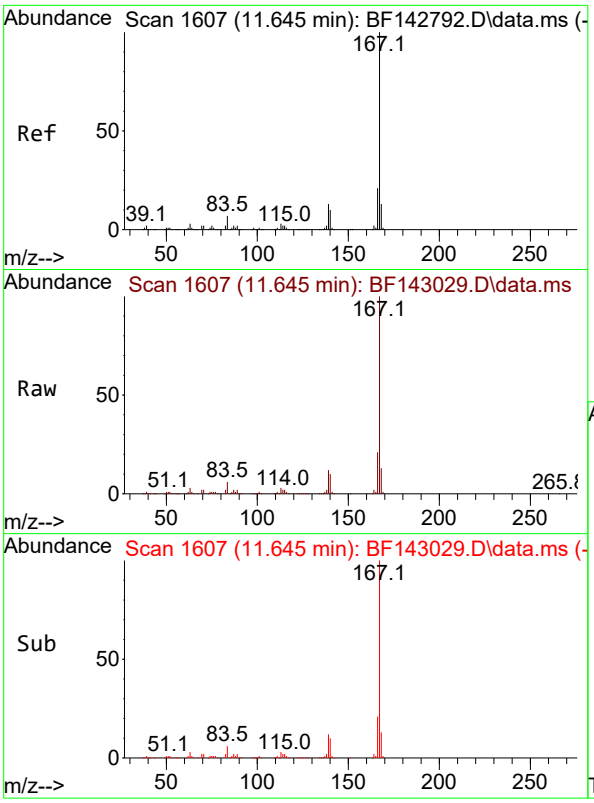


#72
Anthracene
Concen: 45.392 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:178 Resp: 478060

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.4	12.4	18.6



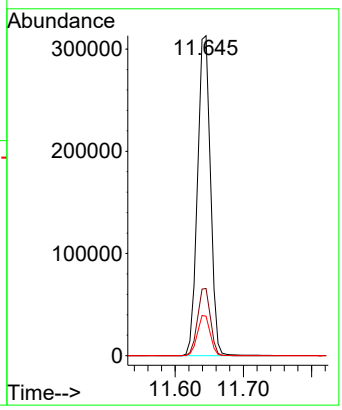


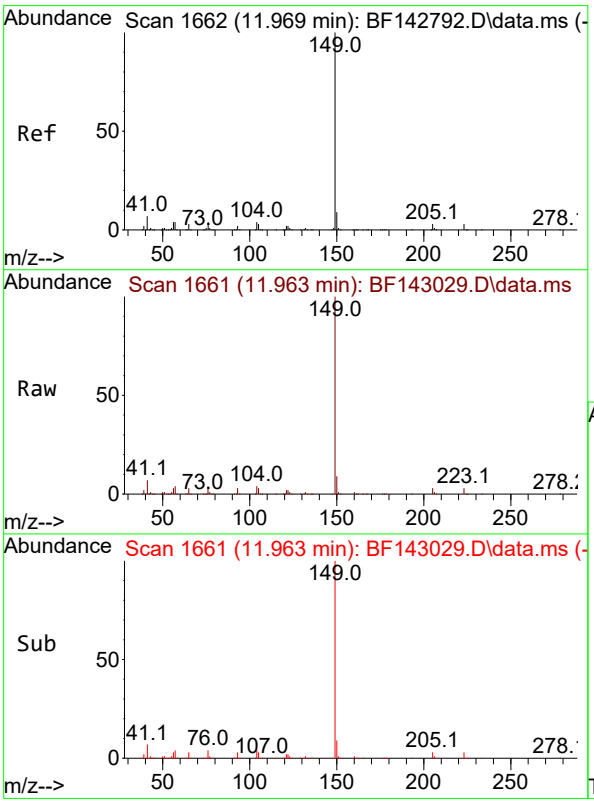
#73
Carbazole
Concen: 45.520 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:167 Resp: 413709

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.4
139	12.4	10.2	15.2

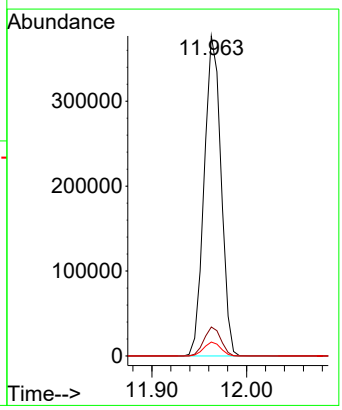


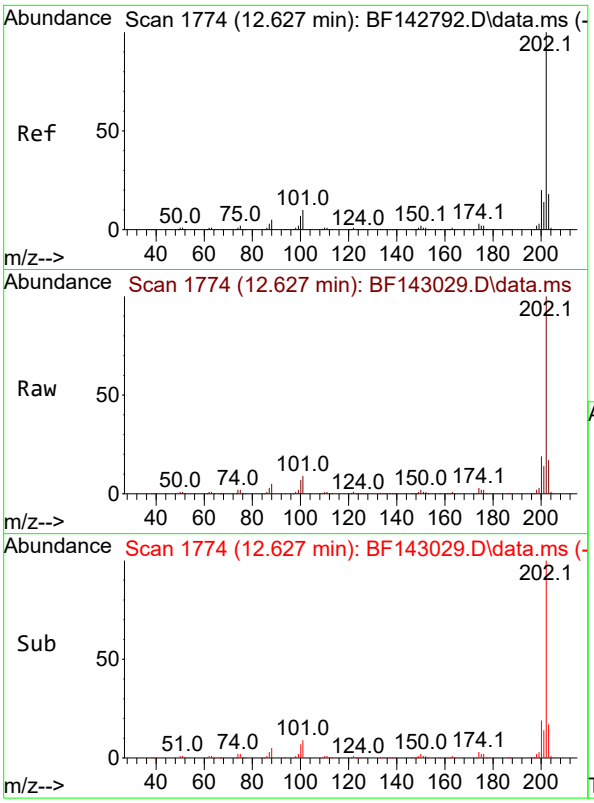


#74
Di-n-butylphthalate
Concen: 49.065 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:149 Resp: 464540

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.4	3.5	5.3



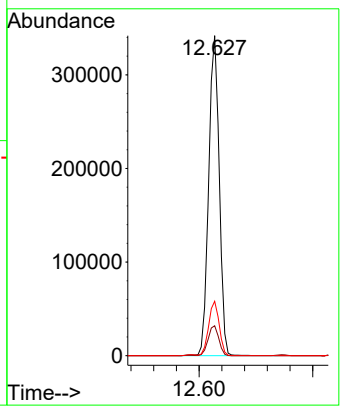


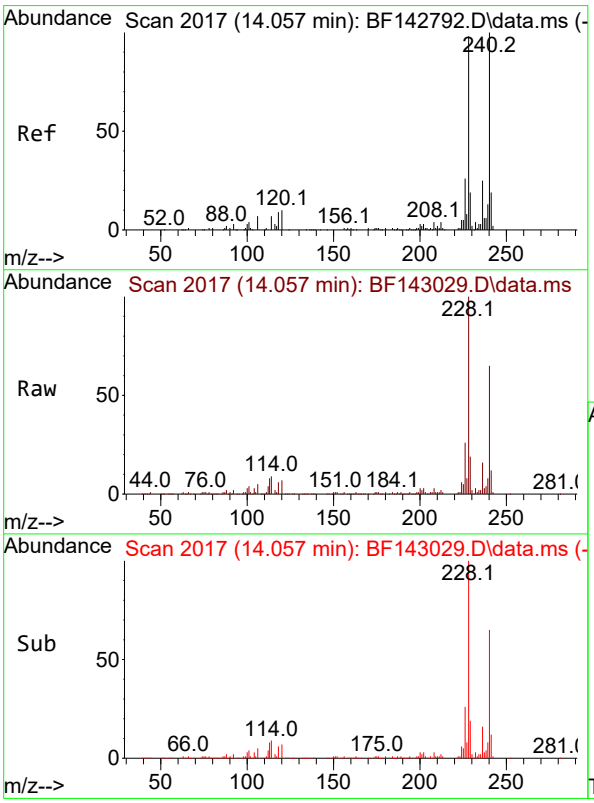
#75
Fluoranthene
Concen: 44.995 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:202 Resp: 438508

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.7
203	17.0	0.0	37.5

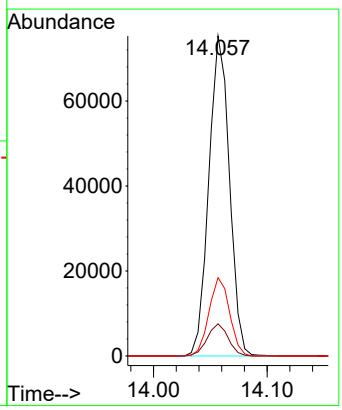


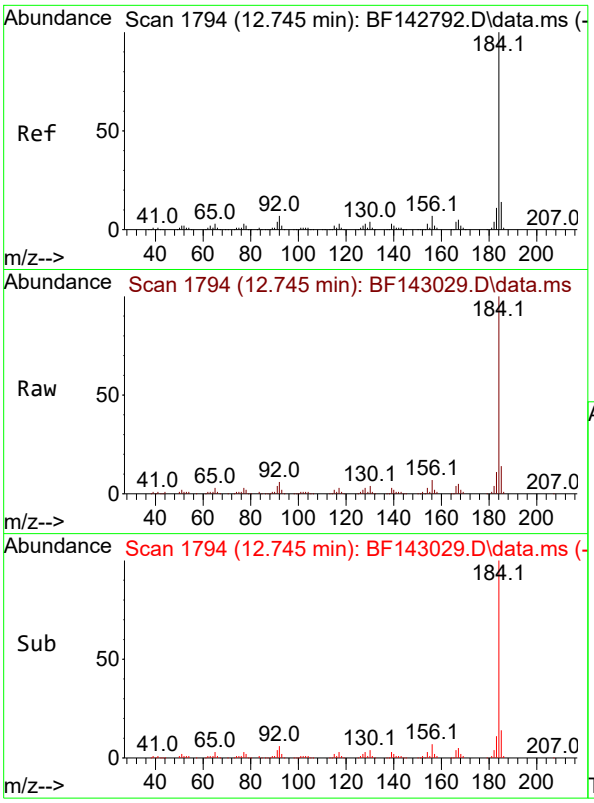


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:240 Resp: 94842

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.2
236	24.5	19.8	29.8



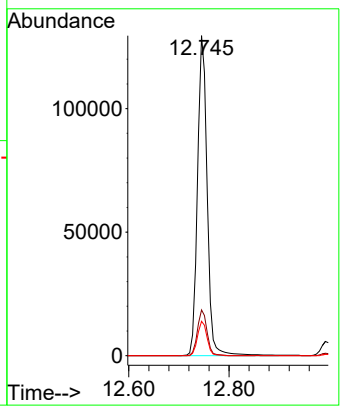


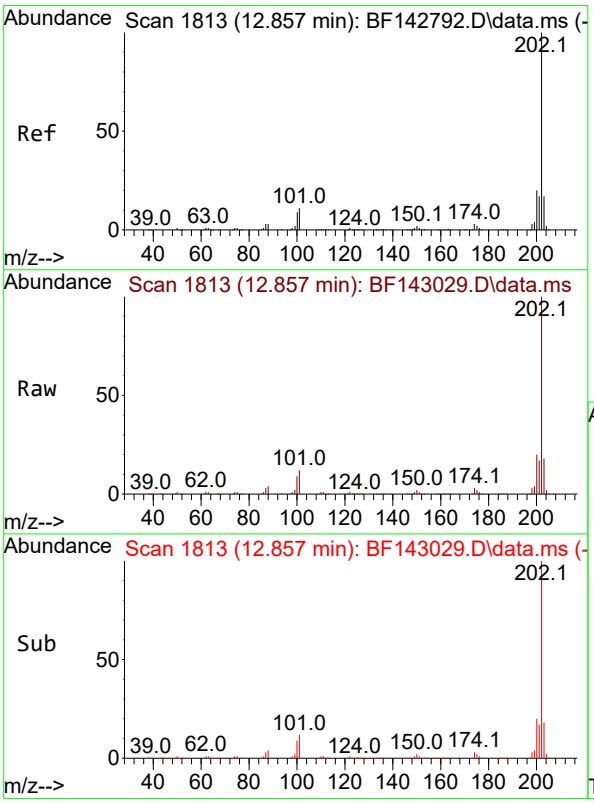
#77
Benzidine
Concen: 48.465 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:184 Resp: 172695

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	10.8	9.0	13.4

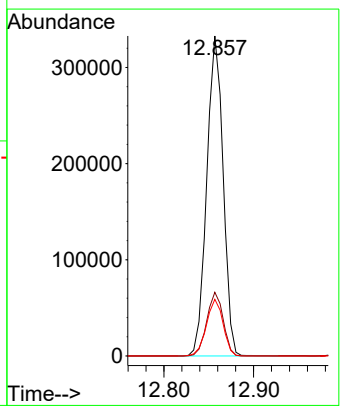


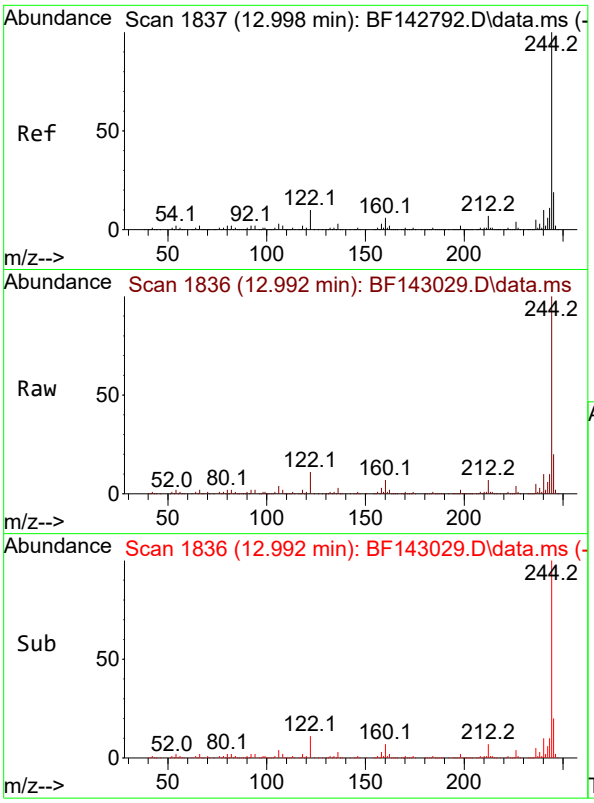


#78
Pyrene
Concen: 47.471 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:202 Resp: 422014

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	17.7	13.8	20.6



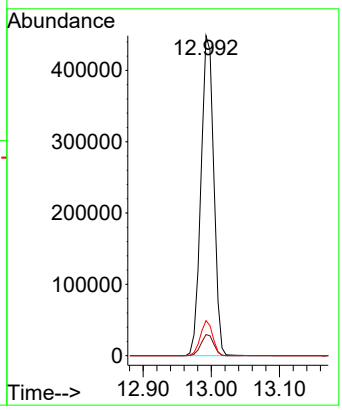


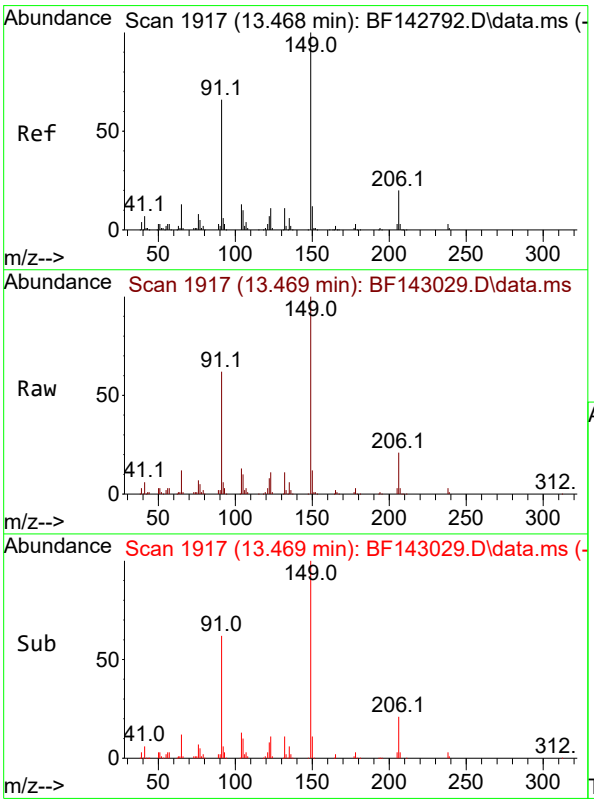
#79
Terphenyl-d14
Concen: 85.383 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:244 Resp: 586078

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.9	8.2	12.2

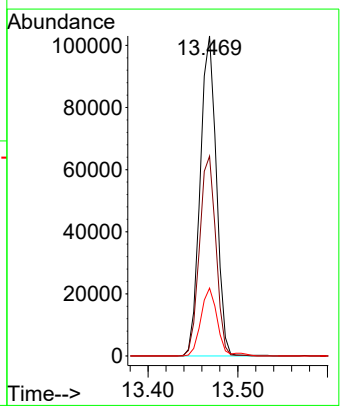


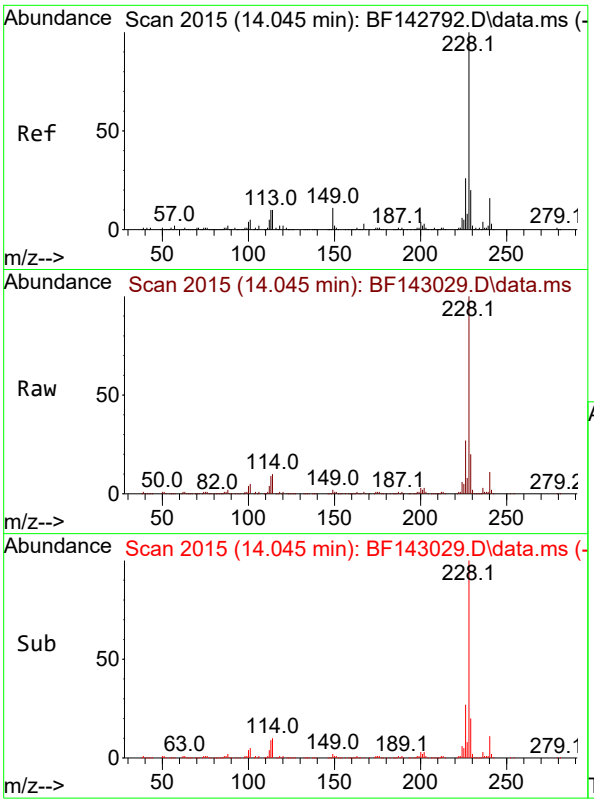


#80
Butylbenzylphthalate
Concen: 49.995 ng
RT: 13.469 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:149 Resp: 128923

Ion	Ratio	Lower	Upper
149	100		
91	62.4	52.9	79.3
206	21.2	16.3	24.5



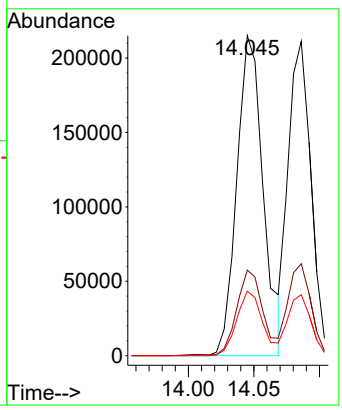


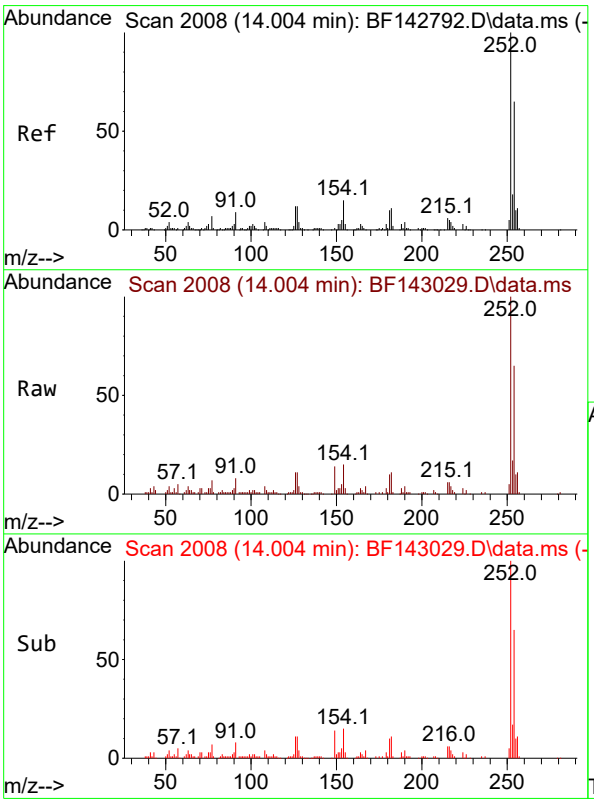
#81
Benzo(a)anthracene
Concen: 46.999 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:228 Resp: 300705

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.2	31.8
229	20.1	15.6	23.4

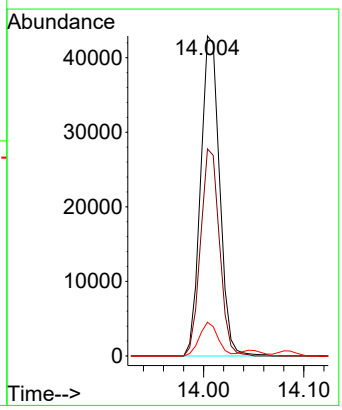


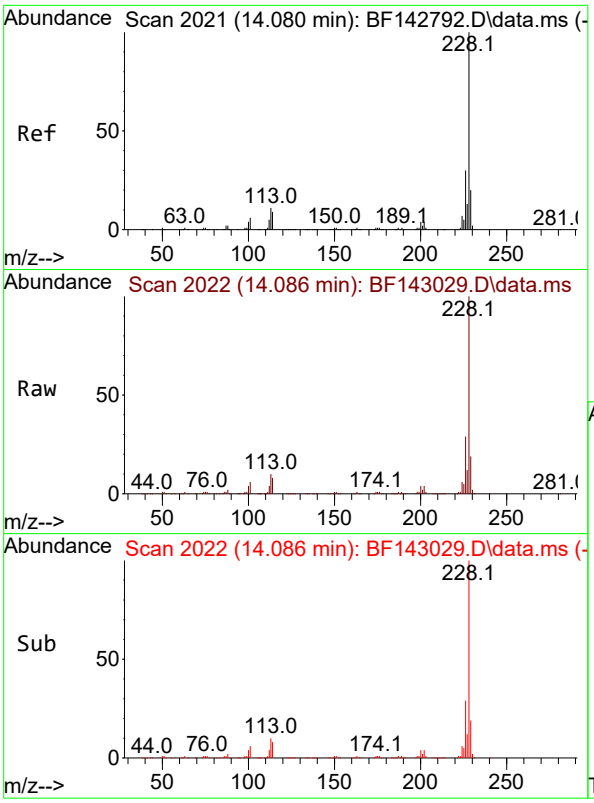


#82
3,3'-Dichlorobenzidine
Concen: 27.286 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:252 Resp: 56626

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.7	77.5
126	10.6	9.4	14.2



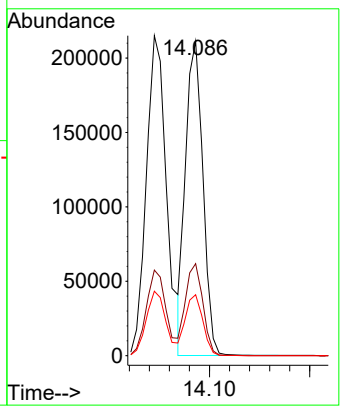


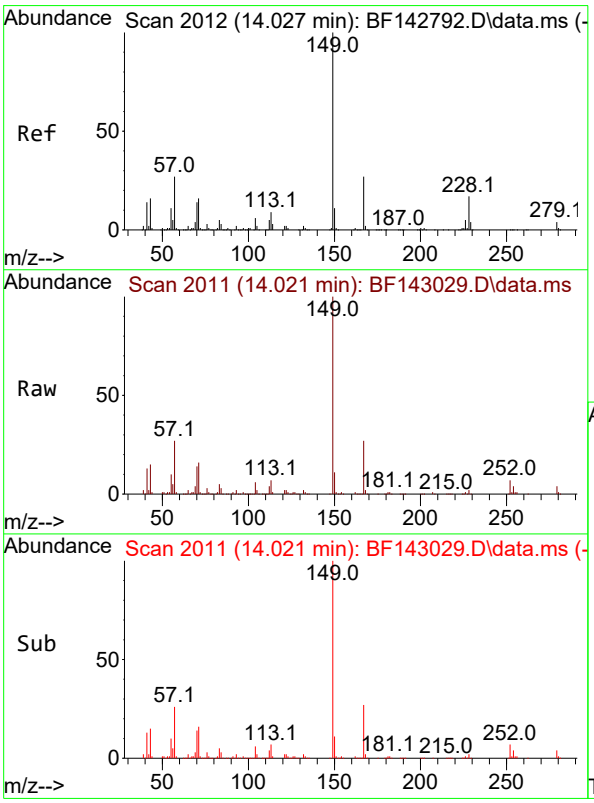
#83
Chrysene
Concen: 44.494 ng
RT: 14.086 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:228 Resp: 254024

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	19.4	15.7	23.5

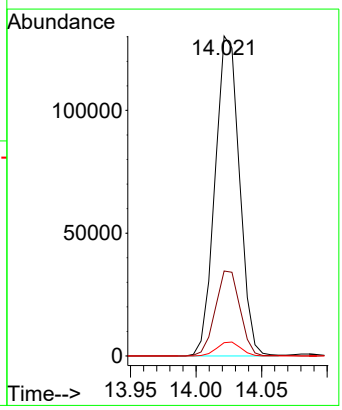


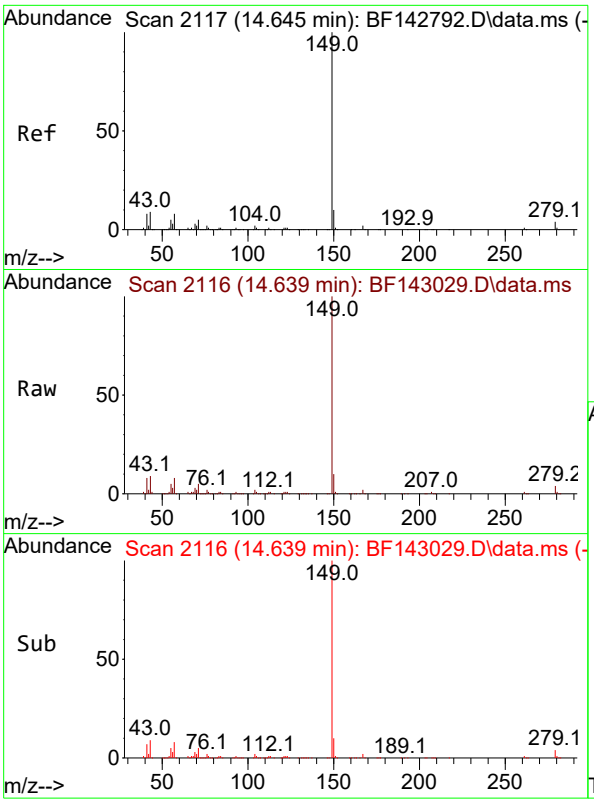


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.467 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:149 Resp: 168694

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.4	32.0
279	4.1	3.0	4.6



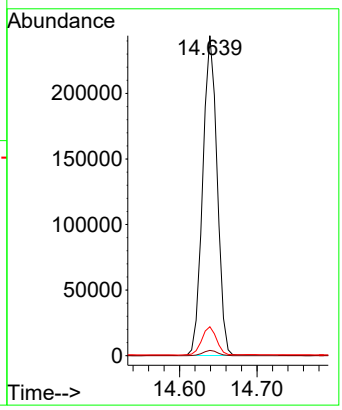


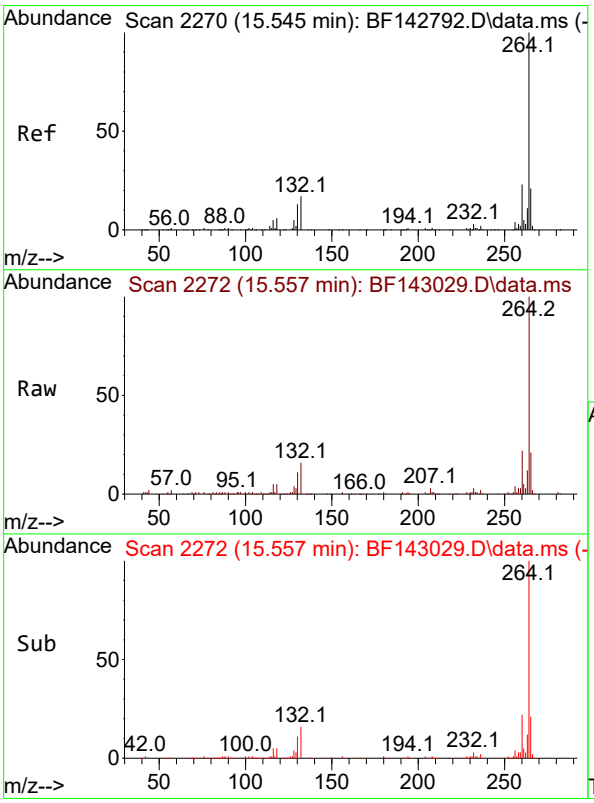
#85
Di-n-octyl phthalate
Concen: 44.884 ng
RT: 14.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:149 Resp: 314016

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	7.6	11.4

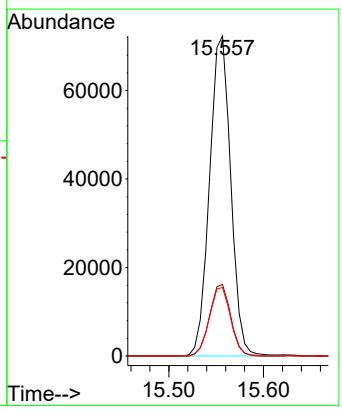


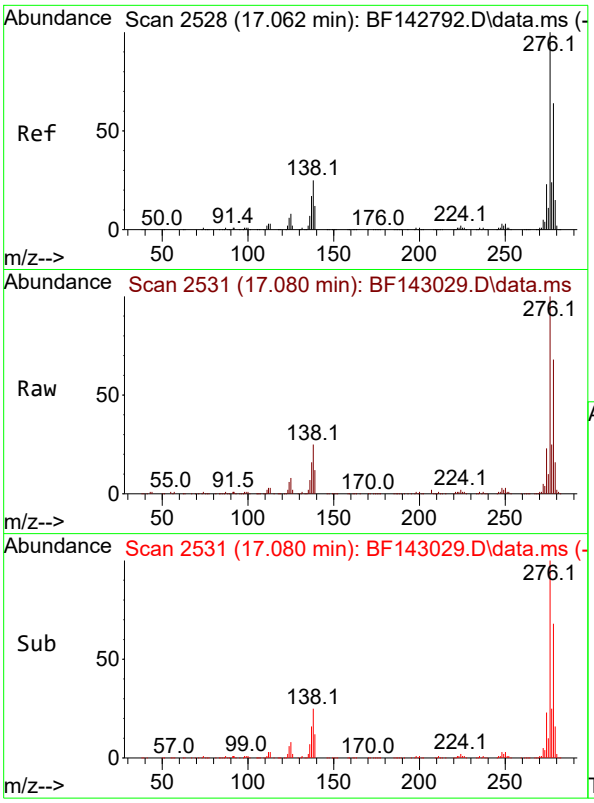


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:264 Resp: 112590

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.1	27.1
265	21.4	16.6	25.0



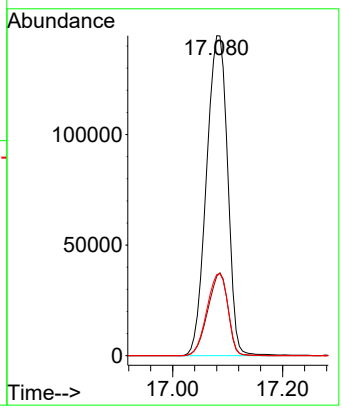


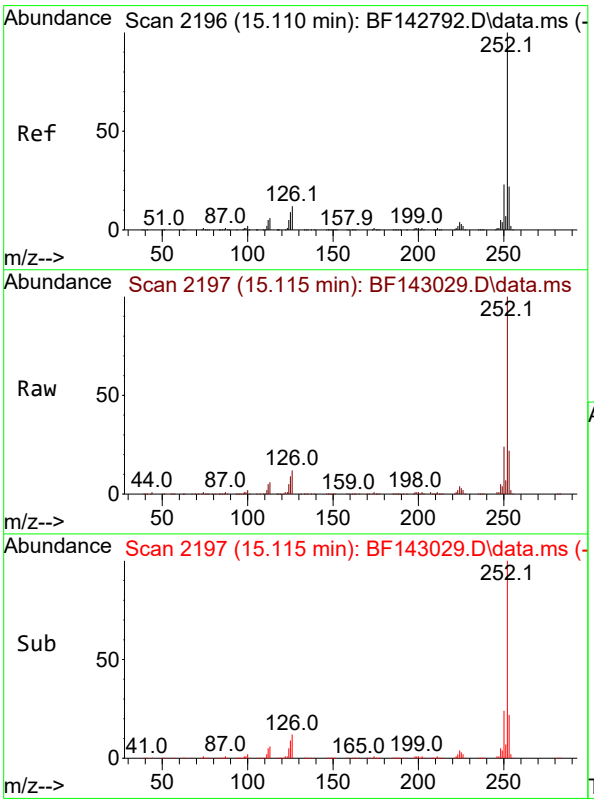
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.064 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:276 Resp: 386464

Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.2	30.4
277	25.5	19.8	29.6

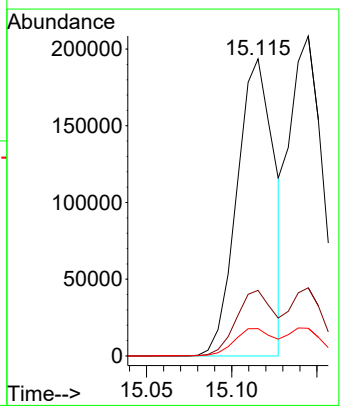


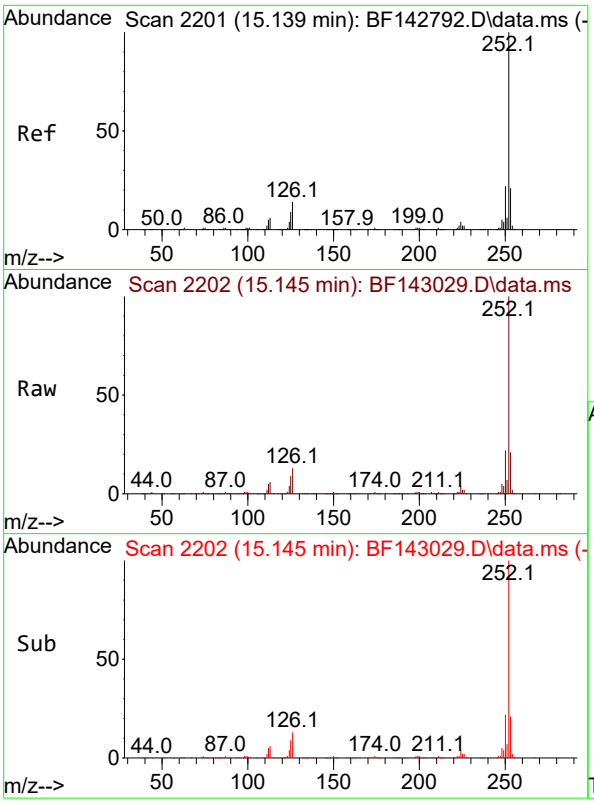


#88
Benzo(b)fluoranthene
Concen: 45.067 ng
RT: 15.115 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:252 Resp: 293611

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.2	7.4	11.0



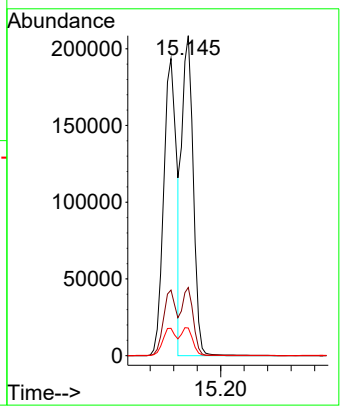


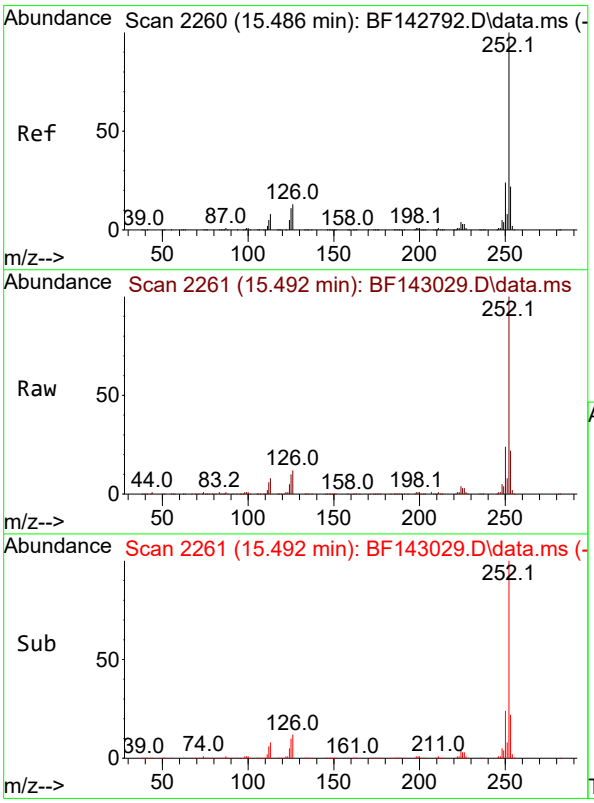
#89
Benzo(k)fluoranthene
Concen: 46.306 ng
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:252 Resp: 282248

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	8.7	7.4	11.2

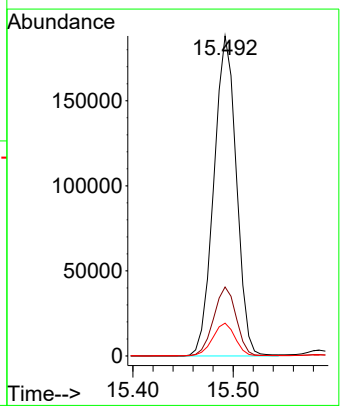


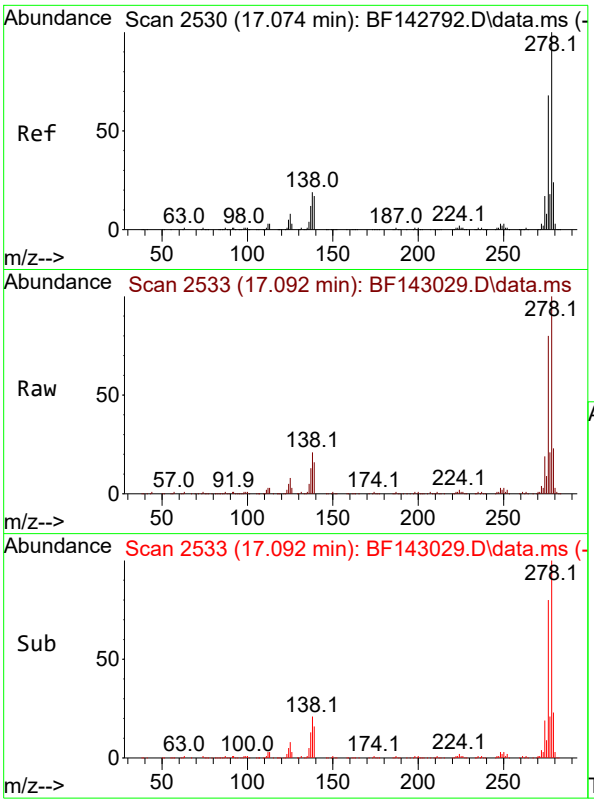


#90
Benzo(a)pyrene
Concen: 46.625 ng
RT: 15.492 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:252 Resp: 293451

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.2	8.6	12.8



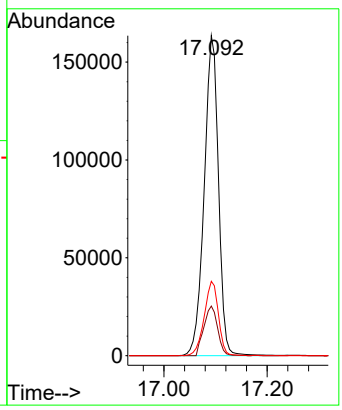


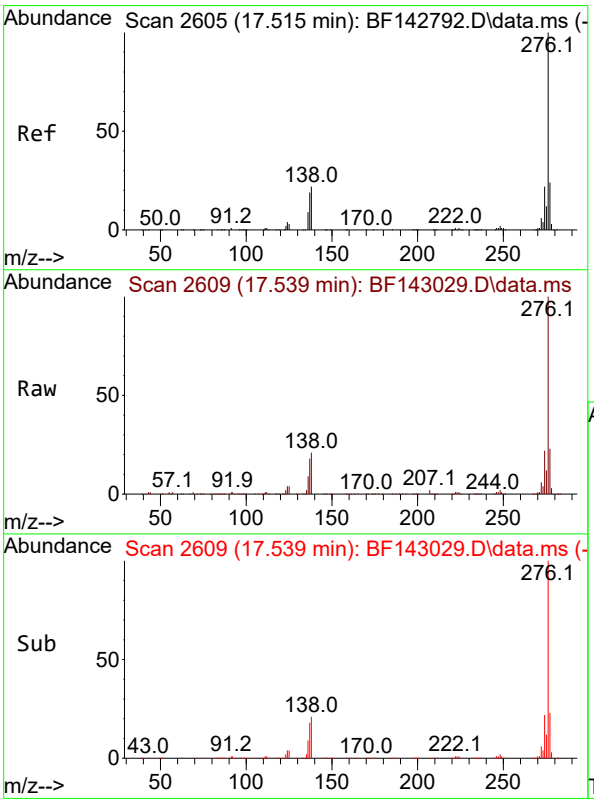
#91
Dibenzo(a,h)anthracene
Concen: 44.975 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:278 Resp: 313388

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.5	20.3
279	23.3	18.8	28.2

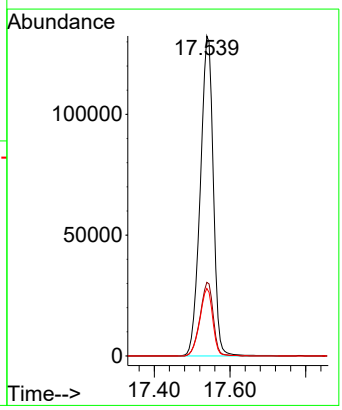




#92
Benzo(g,h,i)perylene
Concen: 45.377 ng
RT: 17.539 min Scan# 2609
Delta R.T. 0.024 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:276 Resp: 315292

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	21.1	17.6	26.4



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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/02/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/02/25
Client Sample ID:	WC-11MS	SDG No.:	Q2487
Lab Sample ID:	Q2493-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.7
Sample Wt/Vol:	50.02 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
BF143006.D	1	07/03/25 09:00	07/07/25 13:47	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1100		110	220	ug/Kg
108-95-2	Phenol	960		14.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		16.4	110	ug/Kg
95-57-8	2-Chlorophenol	1000		16.5	110	ug/Kg
95-48-7	2-Methylphenol	1000		20.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	940		25.4	110	ug/Kg
98-86-2	Acetophenone	1000		19.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	1000		27.8	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		32.1	54.1	ug/Kg
67-72-1	Hexachloroethane	1000		11.9	110	ug/Kg
98-95-3	Nitrobenzene	1000		12.4	110	ug/Kg
78-59-1	Isophorone	1000		22.2	110	ug/Kg
88-75-5	2-Nitrophenol	1100		39.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		43.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		20.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		19.1	110	ug/Kg
91-20-3	Naphthalene	1000		15.3	110	ug/Kg
106-47-8	4-Chloroaniline	330		23.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		17.1	110	ug/Kg
105-60-2	Caprolactam	1100		35.2	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		19.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	1000		17.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		78.4	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		13.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		19.7	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		14.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		15.2	110	ug/Kg
88-74-4	2-Nitroaniline	1000		32.5	110	ug/Kg
131-11-3	Dimethylphthalate	1100		18.3	110	ug/Kg

Raw Data: **BF143006.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/02/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/02/25
Client Sample ID:	WC-11MS	SDG No.:	Q2487
Lab Sample ID:	Q2493-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.7
Sample Wt/Vol:	50.02 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
BF143006.D	1	07/03/25 09:00	07/07/25 13:47	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1000		19.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		22.7	110	ug/Kg
99-09-2	3-Nitroaniline	580		31.1	110	ug/Kg
83-32-9	Acenaphthene	1100		14.4	110	ug/Kg
51-28-5	2,4-Dinitrophenol	2200	E	150	220	ug/Kg
100-02-7	4-Nitrophenol	1700		72.3	220	ug/Kg
132-64-9	Dibenzofuran	1000		15.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		33.9	110	ug/Kg
84-66-2	Diethylphthalate	1100		19.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		18.1	110	ug/Kg
86-73-7	Fluorene	1100		17.1	110	ug/Kg
100-01-6	4-Nitroaniline	1100		43.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		69.6	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		22.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		18.8	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		17.1	110	ug/Kg
1912-24-9	Atrazine	1300		23.0	110	ug/Kg
87-86-5	Pentachlorophenol	1800		34.7	220	ug/Kg
85-01-8	Phenanthrene	1100		14.1	110	ug/Kg
120-12-7	Anthracene	1100		22.5	110	ug/Kg
86-74-8	Carbazole	1100		21.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	1300		32.4	110	ug/Kg
206-44-0	Fluoranthene	1100		20.3	110	ug/Kg
129-00-0	Pyrene	960		24.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		48.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	600		24.8	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		15.6	110	ug/Kg
218-01-9	Chrysene	1100		13.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		40.0	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		58.7	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		12.8	110	ug/Kg

Raw Data: **BF143006.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/02/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/02/25
Client Sample ID:	WC-11MS	SDG No.:	Q2487
Lab Sample ID:	Q2493-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.7
Sample Wt/Vol:	50.02 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
BF143006.D	1	07/03/25 09:00	07/07/25 13:47	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	990		15.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		19.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940		19.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	950		18.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		17.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		17.3	110	ug/Kg
123-91-1	1,4-Dioxane	870		30.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	990		18.5	110	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	97.7		18 - 112	65%	SPK: 150
13127-88-3	Phenol-d6	100.0		15 - 107	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.2		18 - 107	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.0		20 - 109	62%	SPK: 100
118-79-6	2,4,6-Tribromophenol	106		10 - 116	71%	SPK: 150
1718-51-0	Terphenyl-d14	60.7		10 - 105	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	60400	6.875			
1146-65-2	Naphthalene-d8	223000	8.157			
15067-26-2	Acenaphthene-d10	116000	9.916			
1517-22-2	Phenanthrene-d10	189000	11.41			
1719-03-5	Chrysene-d12	117000	14.057			
1520-96-3	Perylene-d12	129000	15.551			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143006.D
Acq On : 07 Jul 2025 13:47
Operator : RC/JU
Sample : Q2493-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Quant Time: Jul 07 14:15:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	60406	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	223388	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	115795	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	188739	20.000	ng		0.00
76) Chrysene-d12	14.057	240	117040	20.000	ng		0.00
86) Perylene-d12	15.551	264	129347	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	354590	97.733	ng		0.01
7) Phenol-d6	6.510	99	428015	99.992	ng		0.00
23) Nitrobenzene-d5	7.439	82	261346	64.171	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	126095	105.819	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	546912	62.046	ng		-0.01
79) Terphenyl-d14	12.992	244	514127	60.695	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	55700	38.383	ng		97
3) Pyridine	3.469	79	146787	40.348	ng		96
4) n-Nitrosodimethylamine	3.422	42	78115	41.522	ng		100
6) Aniline	6.539	93	176756	31.034	ng	#	89
8) 2-Chlorophenol	6.663	128	173301	44.280	ng		97
9) Benzaldehyde	6.428	77	124512	49.029	ng		99
10) Phenol	6.528	94	202435	42.545	ng		82
11) bis(2-Chloroethyl)ether	6.610	93	153225	45.057	ng		97
12) 1,3-Dichlorobenzene	6.816	146	193097	44.116	ng		99
13) 1,4-Dichlorobenzene	6.892	146	194313	44.001	ng		99
14) 1,2-Dichlorobenzene	7.045	146	187479	44.759	ng		100
15) Benzyl Alcohol	7.016	79	141784	45.818	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	227895	41.711	ng		76
17) 2-Methylphenol	7.134	107	132489	44.671	ng		97
18) Hexachloroethane	7.386	117	68505	44.350	ng		95
19) n-Nitroso-di-n-propyla...	7.287	70	112029	45.000	ng		97
20) 3+4-Methylphenols	7.287	107	169332	45.791	ng		94
22) Acetophenone	7.287	105	229328	46.554	ng		100
24) Nitrobenzene	7.457	77	167930	45.557	ng		99
25) Isophorone	7.698	82	300741	46.033	ng		100
26) 2-Nitrophenol	7.775	139	97790	48.701	ng		99
27) 2,4-Dimethylphenol	7.816	122	158083m	45.450	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	190945	45.972	ng		100
29) 2,4-Dichlorophenol	8.022	162	145103	46.010	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	157786	45.499	ng		99
31) Naphthalene	8.181	128	497351	45.485	ng		99
32) Benzoic acid	7.939	122	79982	45.117	ng		95
33) 4-Chloroaniline	8.228	127	65589	14.752	ng		99
34) Hexachlorobutadiene	8.292	225	98029	46.213	ng		99
35) Caprolactam	8.604	113	41698	50.106	ng		96
36) 4-Chloro-3-methylphenol	8.722	107	145195	46.324	ng		99
37) 2-Methylnaphthalene	8.875	142	310731	45.837	ng		99
38) 1-Methylnaphthalene	8.975	142	319535	45.534	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	159300	46.624	ng		99
41) Hexachlorocyclopentadiene	9.028	237	137979	71.163	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	102014	45.820	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143006.D
Acq On : 07 Jul 2025 13:47
Operator : RC/JU
Sample : Q2493-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Quant Time: Jul 07 14:15:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

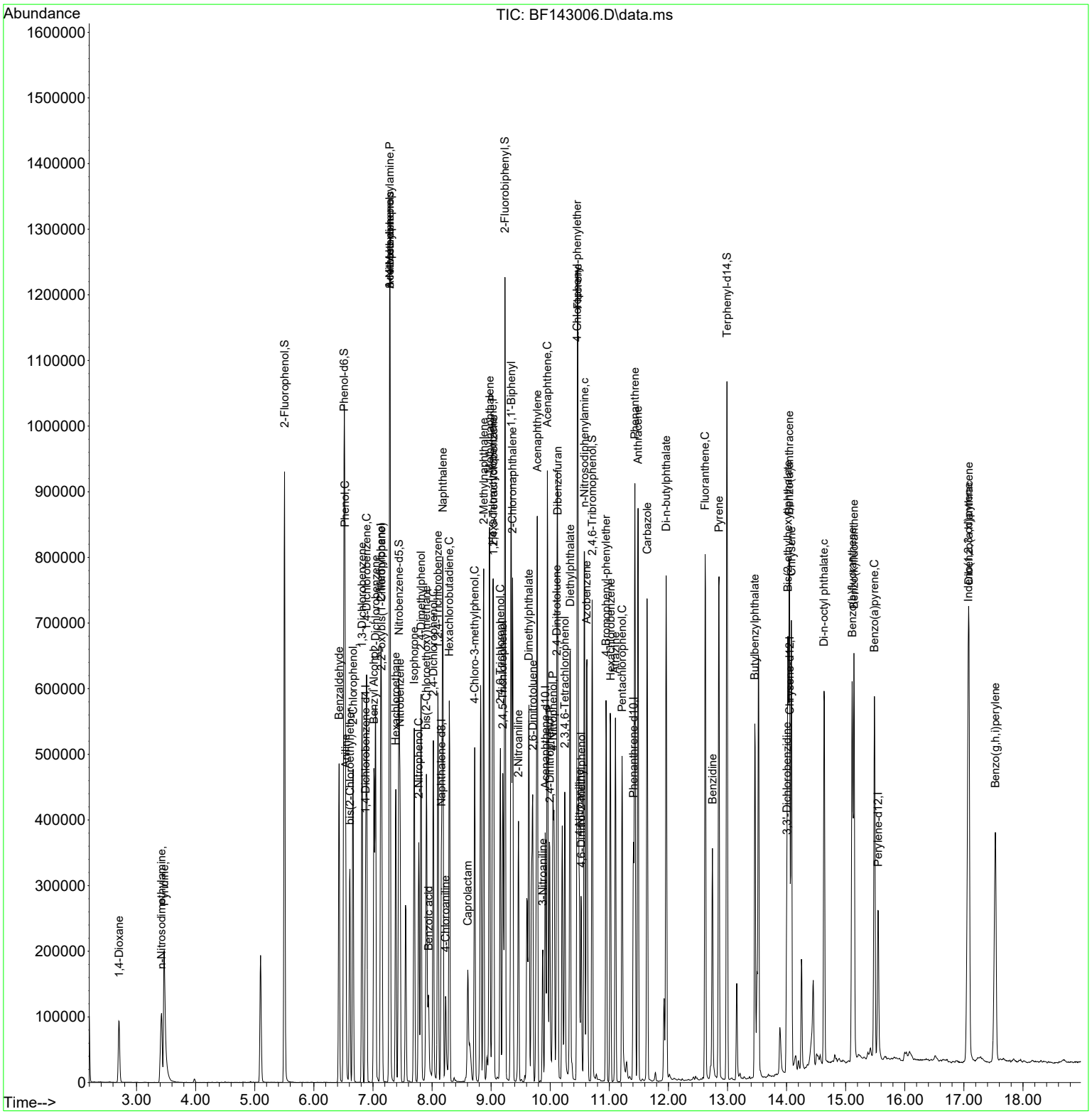
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	103743	44.265	ng	99
46) 1,1'-Biphenyl	9.339	154	429611	46.967	ng	99
47) 2-Chloronaphthalene	9.363	162	313398	45.656	ng	99
48) 2-Nitroaniline	9.463	65	88958	46.225	ng	96
49) Acenaphthylene	9.780	152	522368	46.227	ng	100
50) Dimethylphthalate	9.639	163	362226	48.326	ng	100
51) 2,6-Dinitrotoluene	9.704	165	78631	47.769	ng	99
52) Acenaphthene	9.951	154	350881m	50.893	ng	
53) 3-Nitroaniline	9.875	138	46738	25.789	ng	98
54) 2,4-Dinitrophenol	9.992	184	81383	98.739	ng	94
55) Dibenzofuran	10.127	168	449054	45.421	ng	99
56) 4-Nitrophenol	10.045	139	96130	77.479	ng	97
57) 2,4-Dinitrotoluene	10.110	165	108052	49.418	ng	96
58) Fluorene	10.469	166	362200	46.910	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	82648	43.748	ng	97
60) Diethylphthalate	10.339	149	373769	50.859	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	173102	46.982	ng	99
62) 4-Nitroaniline	10.492	138	79819	48.156	ng	97
63) Azobenzene	10.616	77	335692	51.107	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	56907	49.848	ng	97
66) n-Nitrosodiphenylamine	10.580	169	311972	47.693	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	104395	48.600	ng	95
68) Hexachlorobenzene	11.022	284	113896	47.719	ng	96
69) Atrazine	11.104	200	96299	57.010	ng	99
70) Pentachlorophenol	11.216	266	93172	78.338	ng	98
71) Phenanthrene	11.433	178	482800	47.222	ng	100
72) Anthracene	11.486	178	493573	47.071	ng	100
73) Carbazole	11.639	167	429828	47.502	ng	100
74) Di-n-butylphthalate	11.963	149	554735	58.849	ng	100
75) Fluoranthene	12.621	202	478332	49.297	ng	100
77) Benzidine	12.745	184	194412	44.211	ng	99
78) Pyrene	12.857	202	468237	42.681	ng	99
80) Butylbenzylphthalate	13.463	149	186821	58.707	ng	98
81) Benzo(a)anthracene	14.045	228	375113	47.509	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	67854	26.495	ng	99
83) Chrysene	14.080	228	339838	48.235	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	249924	54.585	ng	99
85) Di-n-octyl phthalate	14.633	149	407369	47.184	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	412153	41.833	ng	98
88) Benzo(b)fluoranthene	15.110	252	400532	53.514	ng	100
89) Benzo(k)fluoranthene	15.139	252	307386	43.897	ng	99
90) Benzo(a)pyrene	15.486	252	348369	48.180	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	335846	41.954	ng	98
92) Benzo(g,h,i)perylene	17.533	276	328580	41.163	ng	99

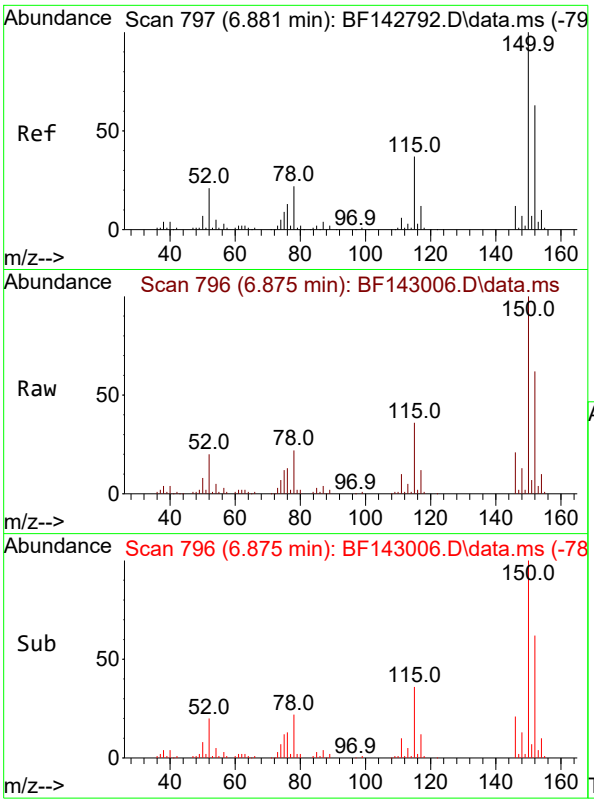
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143006.D
Acq On : 07 Jul 2025 13:47
Operator : RC/JU
Sample : Q2493-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Quant Time: Jul 07 14:15:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



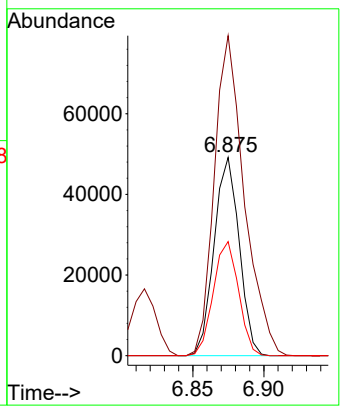


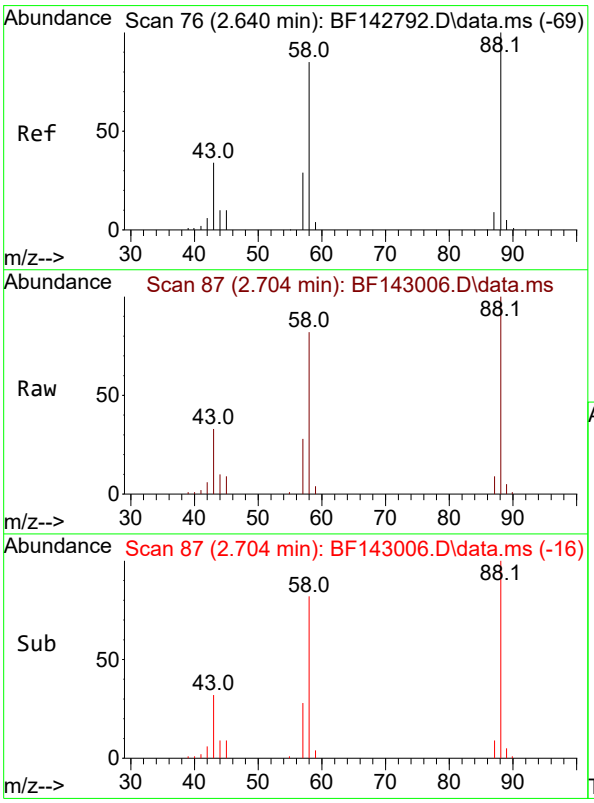
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:152 Resp: 60406

Ion	Ratio	Lower	Upper
152	100		
150	161.4	127.2	190.8
115	57.5	46.6	69.8

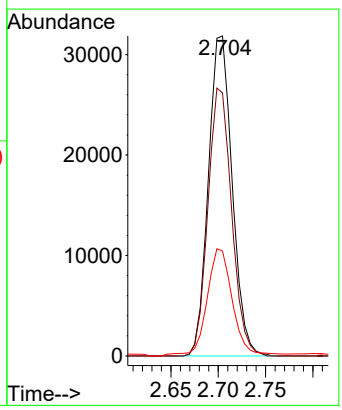


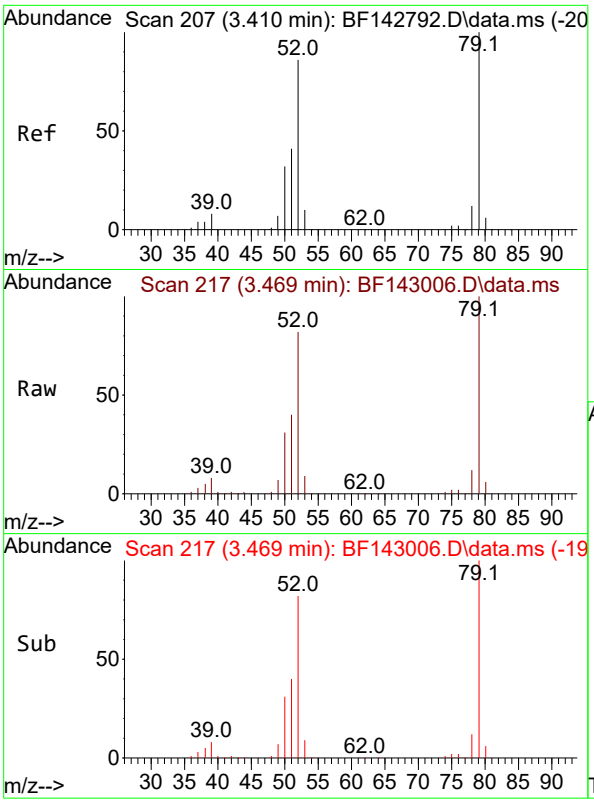


#2
1,4-Dioxane
Concen: 38.383 ng
RT: 2.704 min Scan# 87
Delta R.T. 0.065 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 88 Resp: 55700

Ion	Ratio	Lower	Upper
88	100		
58	83.3	69.1	103.7
43	36.0	27.4	41.2



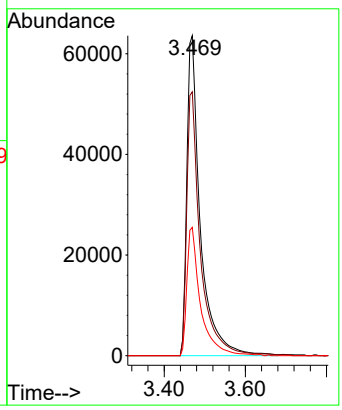


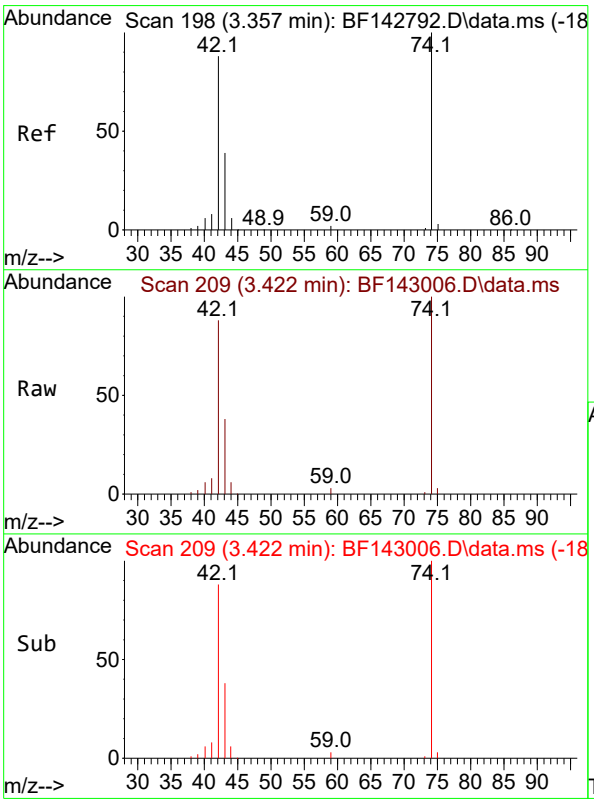
#3
Pyridine
Concen: 40.348 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion: 79 Resp: 146787

Ion	Ratio	Lower	Upper
79	100		
52	82.5	69.2	103.8
51	40.1	33.2	49.8

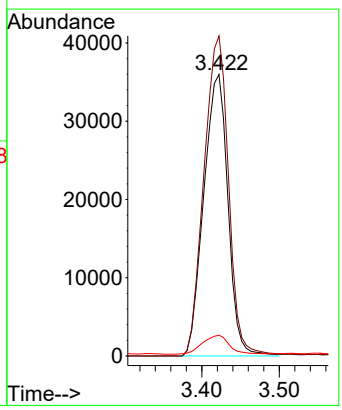


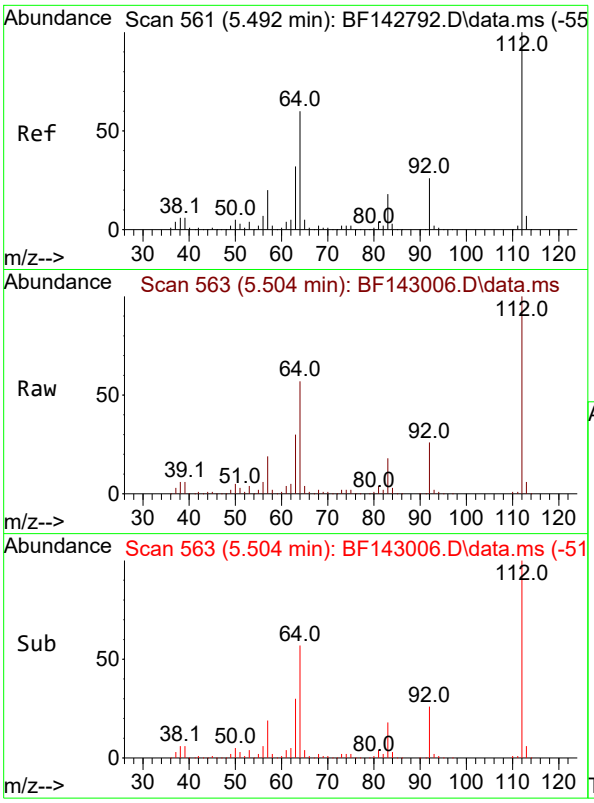


#4
n-Nitrosodimethylamine
Concen: 41.522 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 42 Resp: 78115

Ion	Ratio	Lower	Upper
42	100		
74	113.7	90.9	136.3
44	7.4	5.8	8.6



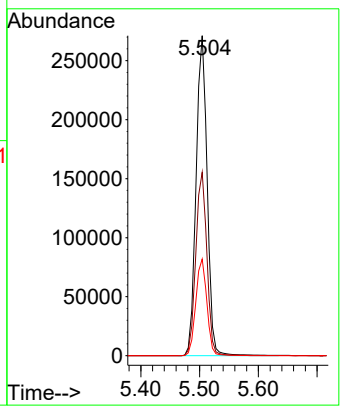


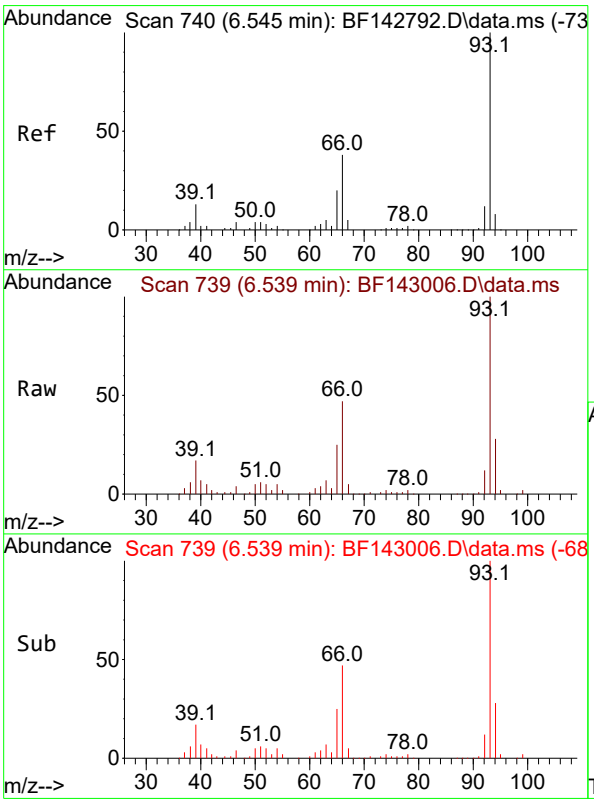
#5
2-Fluorophenol
Concen: 97.733 ng
RT: 5.504 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:112 Resp: 354590

Ion	Ratio	Lower	Upper
112	100		
64	57.3	48.2	72.2
63	30.2	25.7	38.5

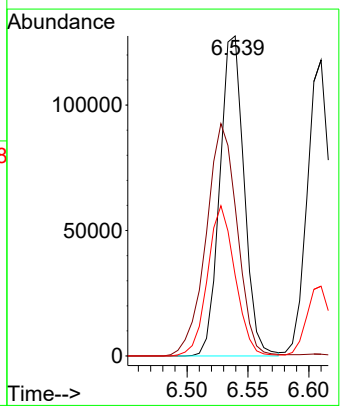


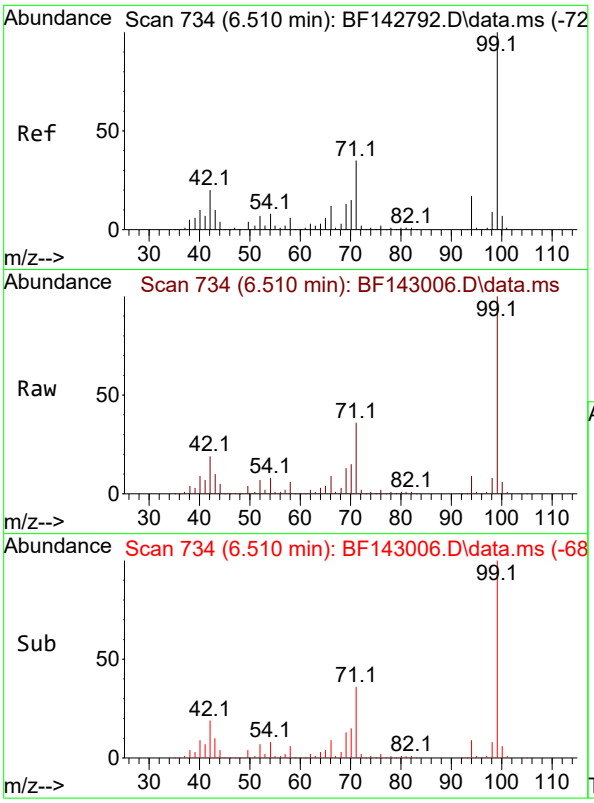


#6
Aniline
Concen: 31.034 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 93 Resp: 176756

Ion	Ratio	Lower	Upper
93	100		
66	46.7	31.8	47.6
65	25.2	16.2	24.2#



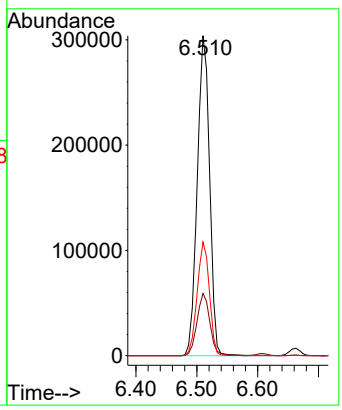


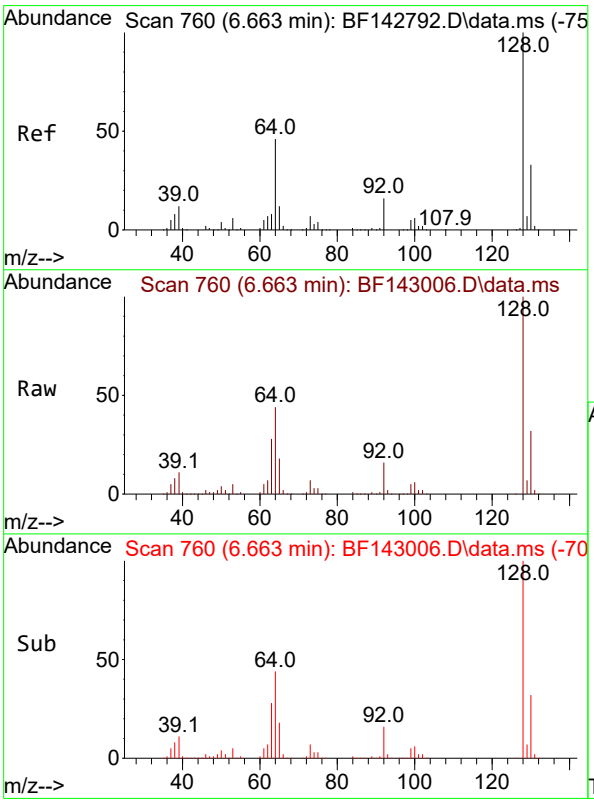
#7
Phenol-d6
Concen: 99.992 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion: 99 Resp: 428015

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.9	23.9
71	35.5	27.8	41.8

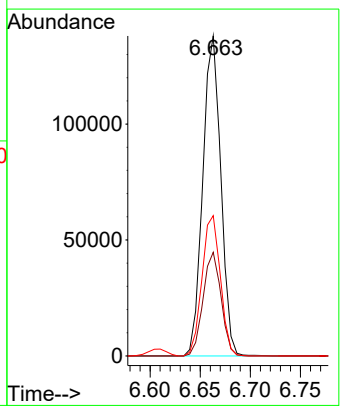


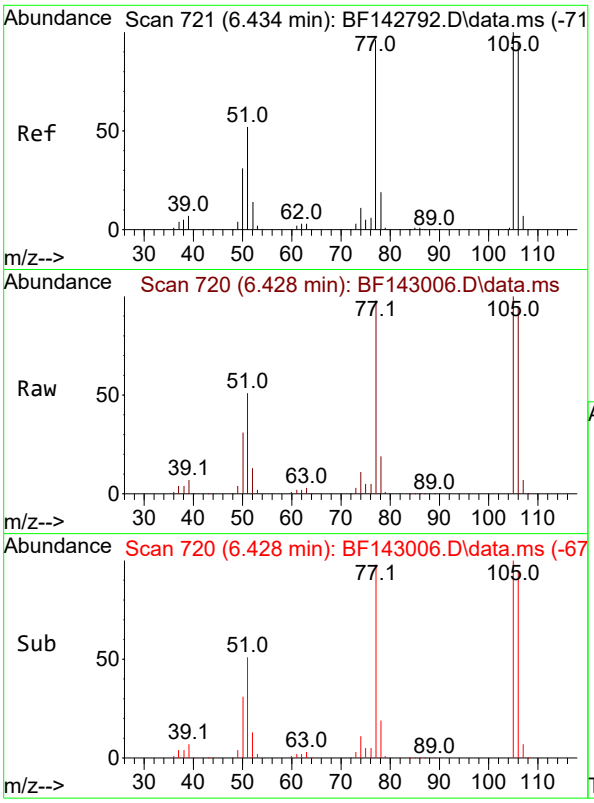


#8
2-Chlorophenol
Concen: 44.280 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:128 Resp: 173301

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	43.8	26.5	66.5



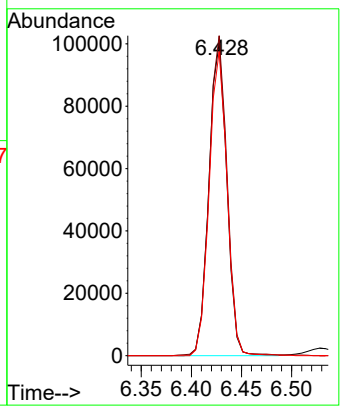


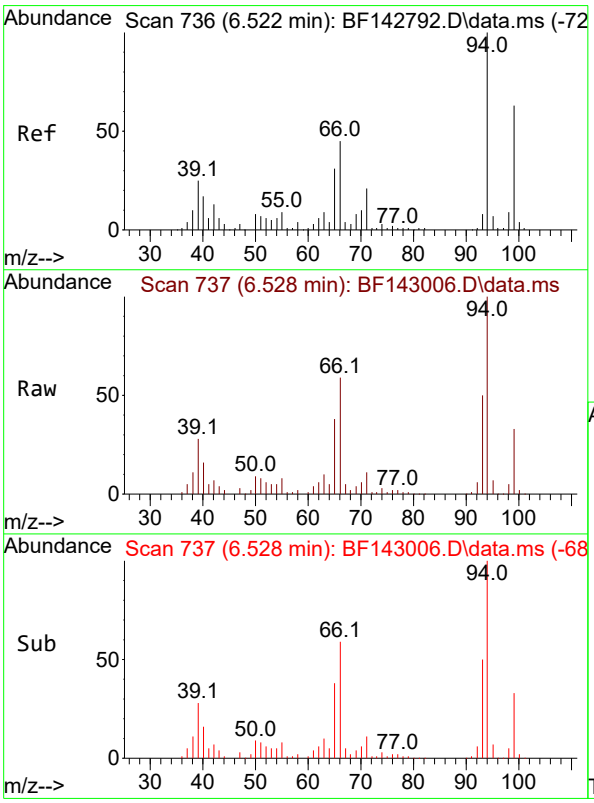
#9
Benzaldehyde
Concen: 49.029 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion: 77 Resp: 124512

Ion	Ratio	Lower	Upper
77	100		
105	102.4	83.8	123.8
106	97.3	78.7	118.7

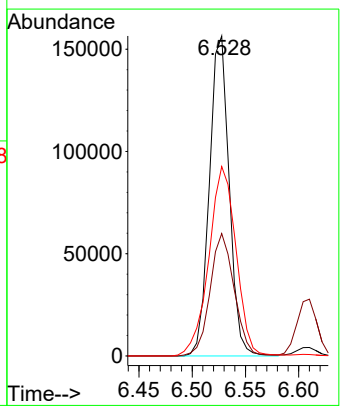


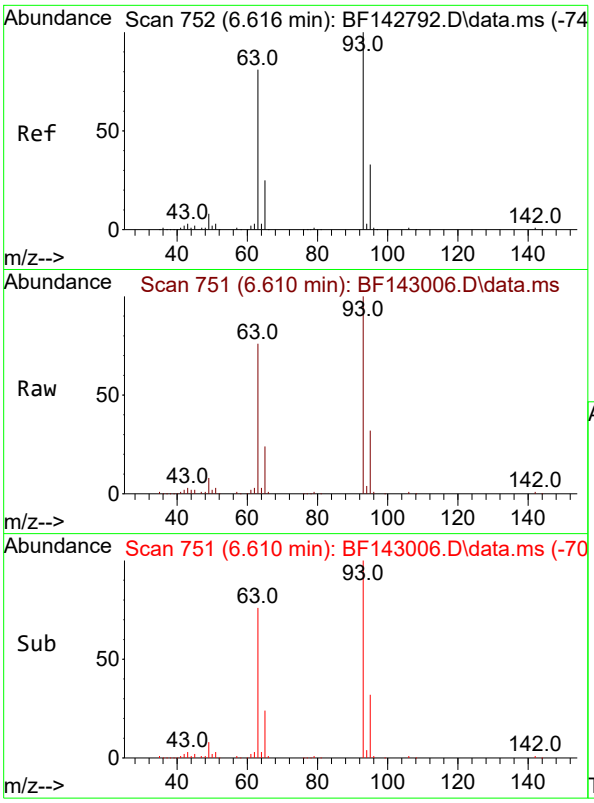


#10
Phenol
Concen: 42.545 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 94 Resp: 202435

Ion	Ratio	Lower	Upper
94	100		
65	38.3	11.3	51.3
66	59.2	24.9	64.9



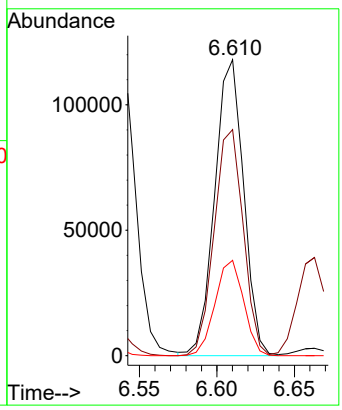


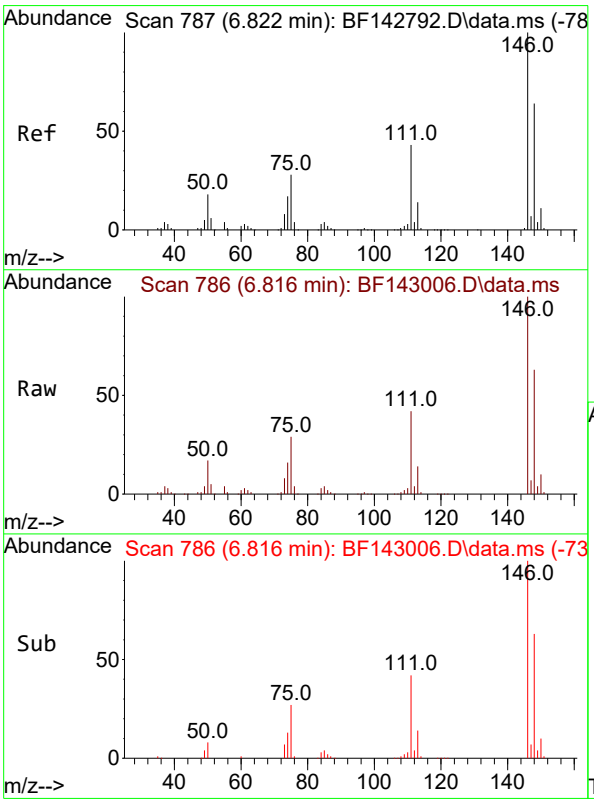
#11
bis(2-Chloroethyl)ether
Concen: 45.057 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion: 93 Resp: 153225

Ion	Ratio	Lower	Upper
93	100		
63	76.4	60.3	100.3
95	32.2	12.5	52.5

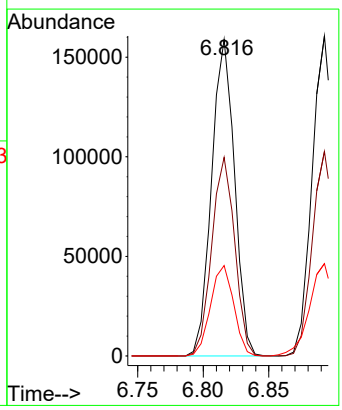


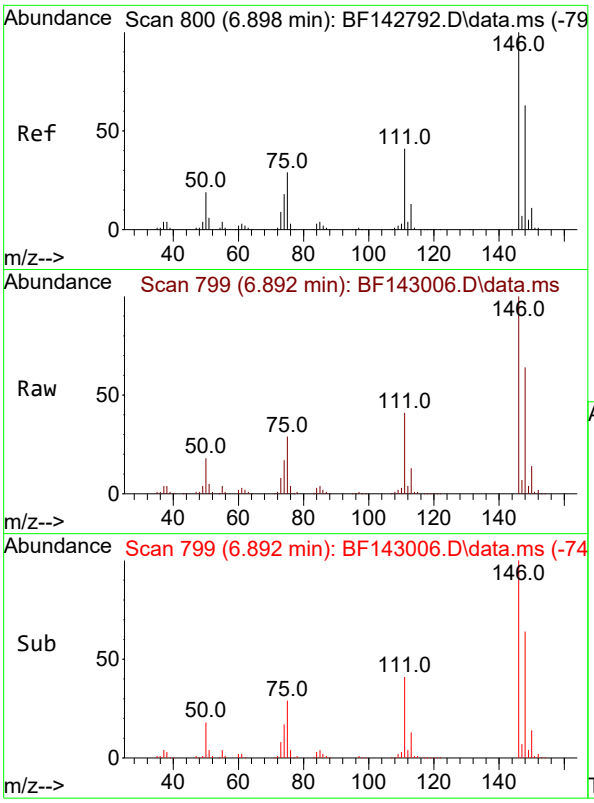


#12
1,3-Dichlorobenzene
Concen: 44.116 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:146 Resp: 193097

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
75	28.5	22.7	34.1



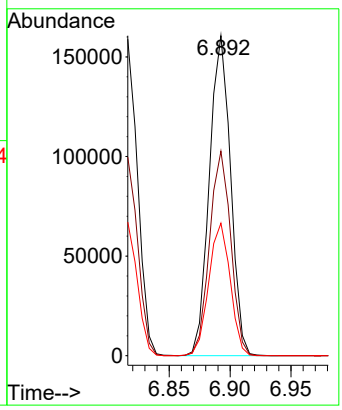


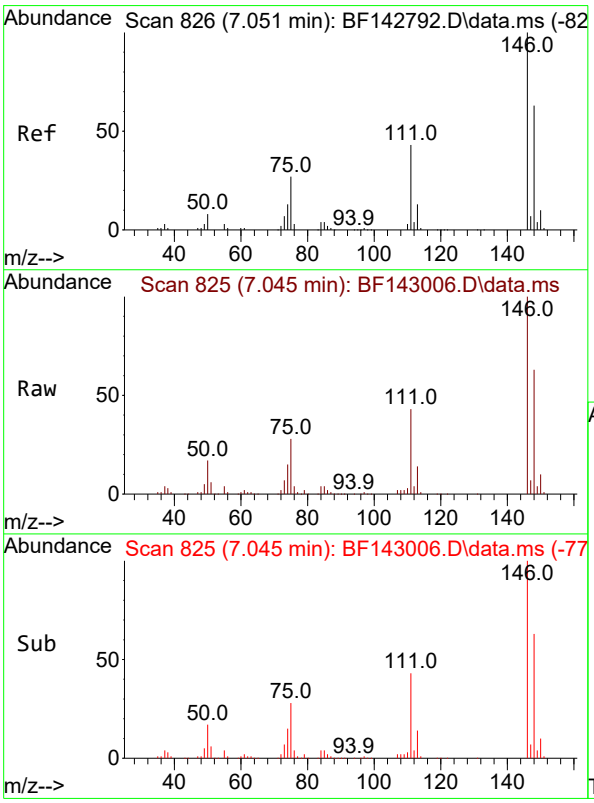
#13
1,4-Dichlorobenzene
Concen: 44.001 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:146 Resp: 194313

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.2
111	41.4	33.2	49.8

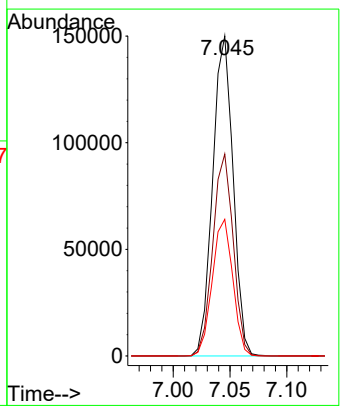


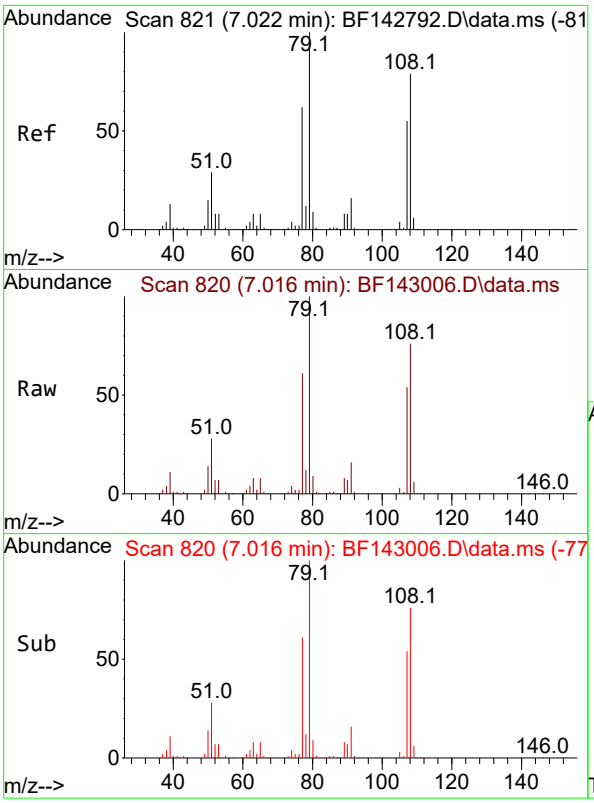


#14
1,2-Dichlorobenzene
Concen: 44.759 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:146 Resp: 187479

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	42.7	34.1	51.1



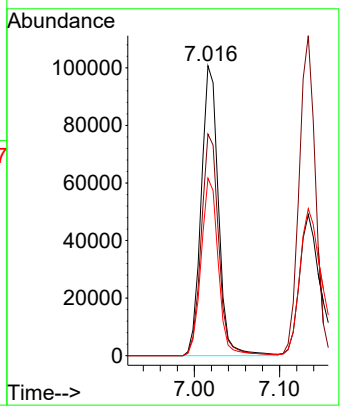


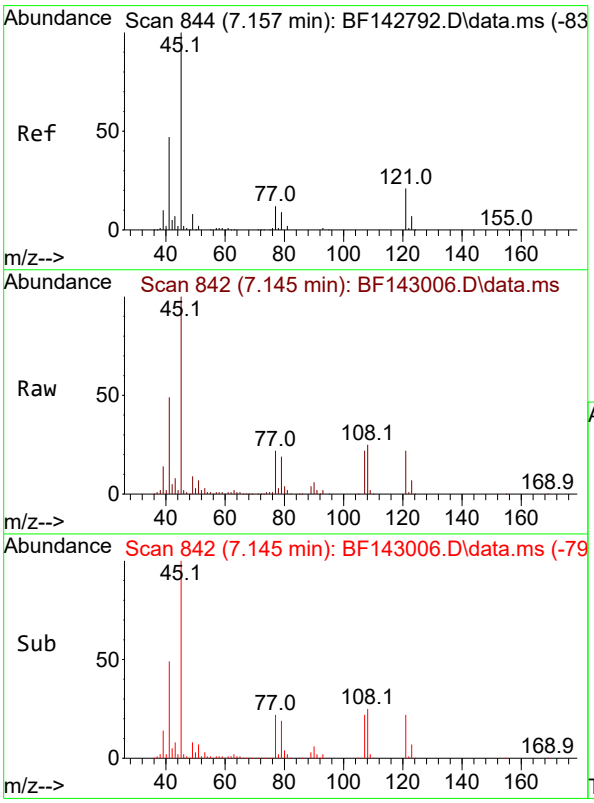
#15
Benzyl Alcohol
Concen: 45.818 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion: 79 Resp: 141784

Ion	Ratio	Lower	Upper
79	100		
108	76.4	63.4	95.0
77	61.2	49.5	74.3

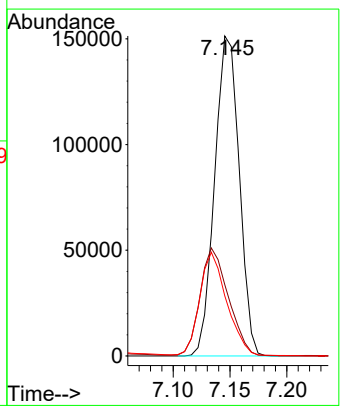


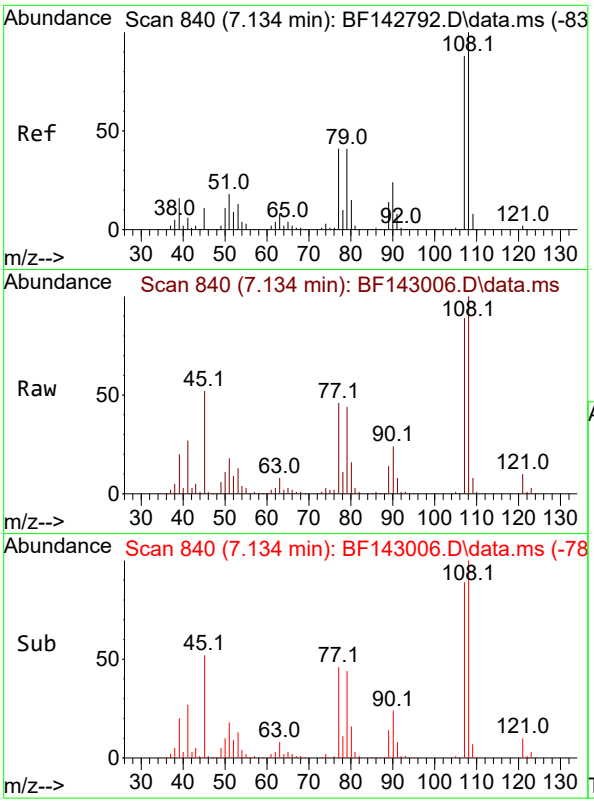


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.711 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 45 Resp: 227895

Ion	Ratio	Lower	Upper
45	100		
77	22.3	0.0	32.8
79	18.8	0.0	29.8



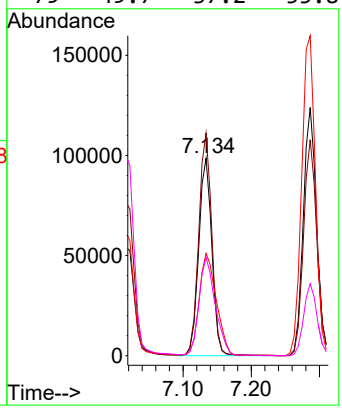


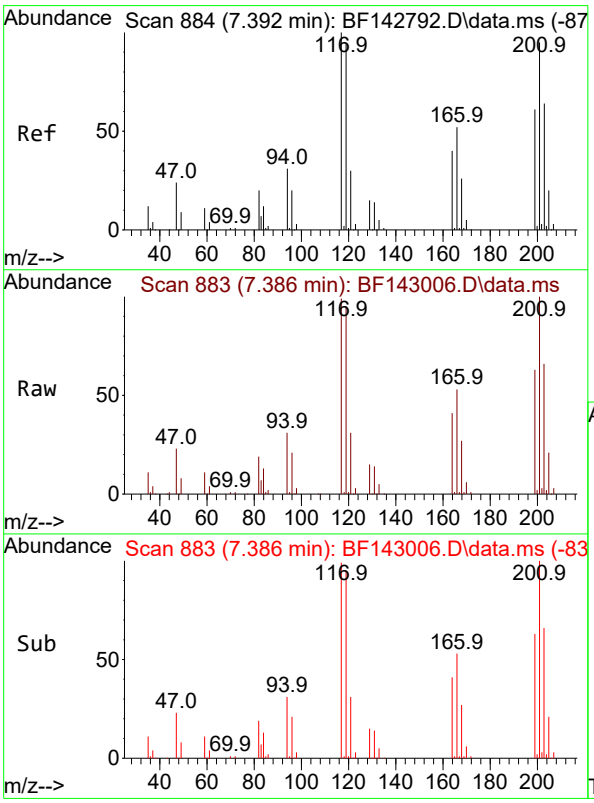
#17
2-Methylphenol
Concen: 44.671 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:107 Resp: 132489

Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.9	136.3
77	51.8	37.3	55.9
79	49.7	37.2	55.8

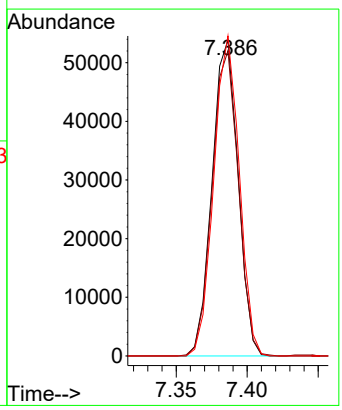


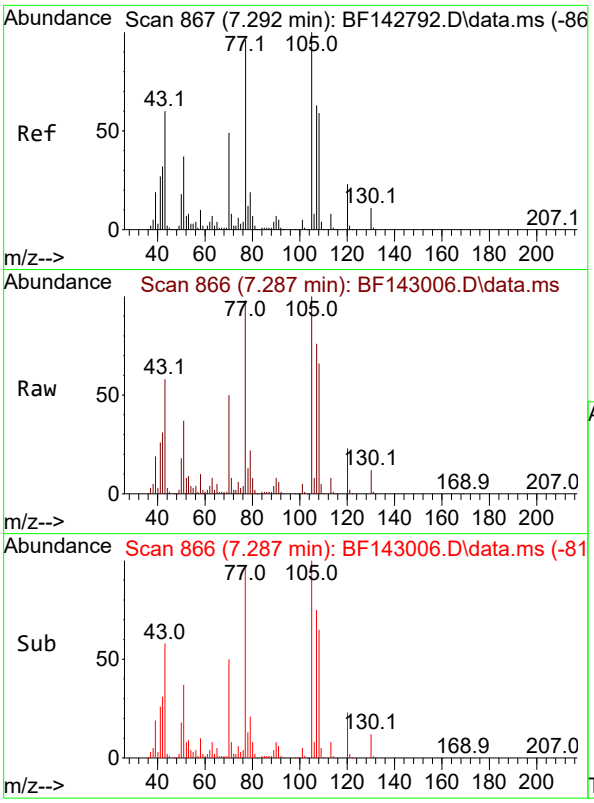


#18
Hexachloroethane
Concen: 44.350 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:117 Resp: 68505

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.4	113.0
201	101.3	75.9	113.9



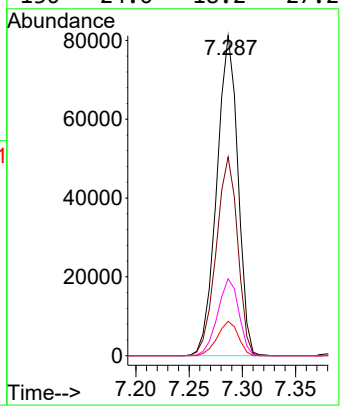


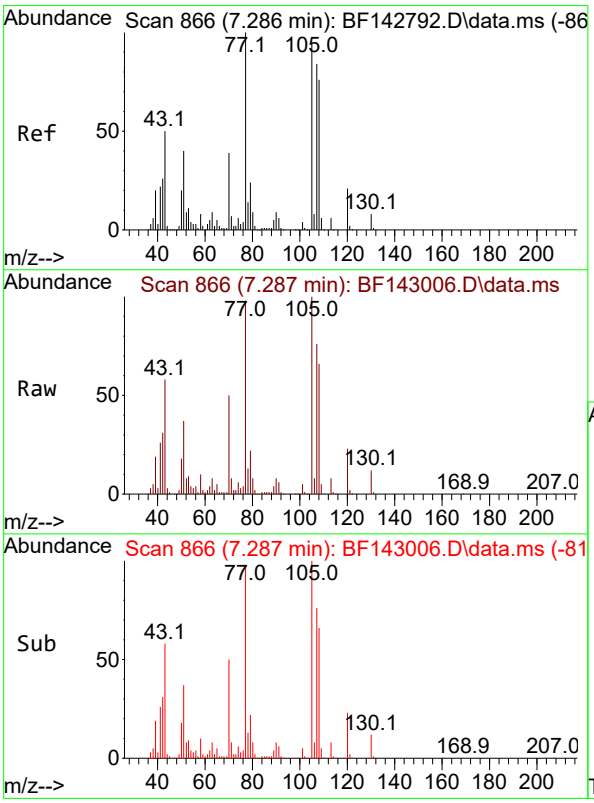
#19
n-Nitroso-di-n-propylamine
Concen: 45.000 ng
RT: 7.287 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion: 70 Resp: 112029

Ion	Ratio	Lower	Upper
70	100		
42	62.1	52.1	78.1
101	10.8	8.2	12.2
130	24.0	18.2	27.2

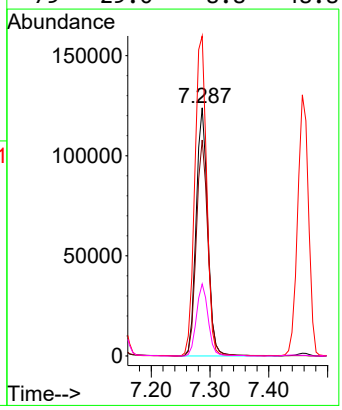


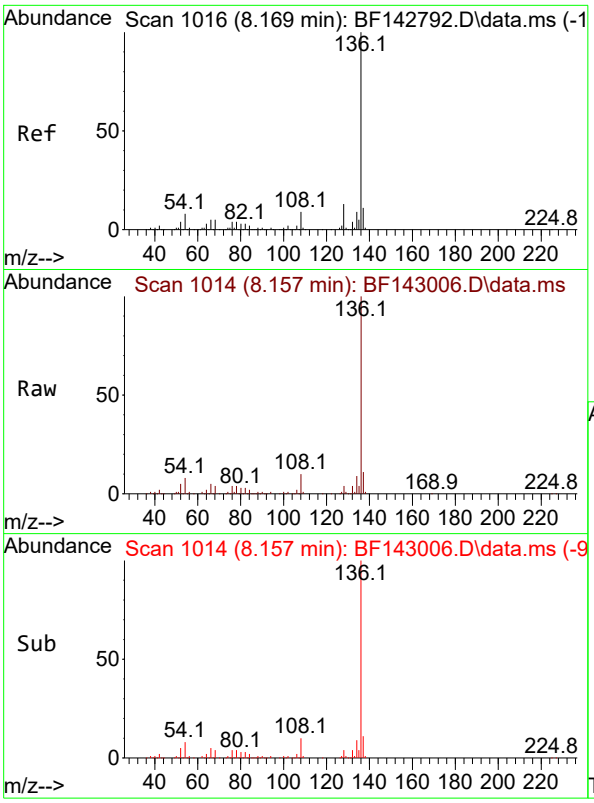


#20
3+4-Methylphenols
Concen: 45.791 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:107 Resp: 169332

Ion	Ratio	Lower	Upper
107	100		
108	87.0	70.0	110.0
77	128.9	98.5	138.5
79	29.0	8.8	48.8



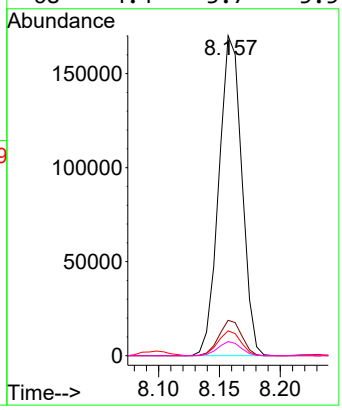


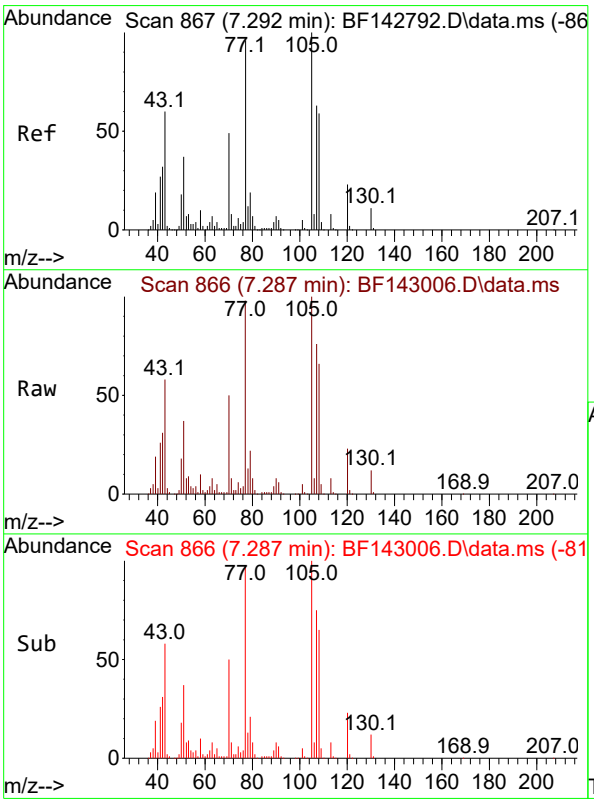
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:136 Resp: 223388

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.8	6.3	9.5
68	4.4	3.7	5.5

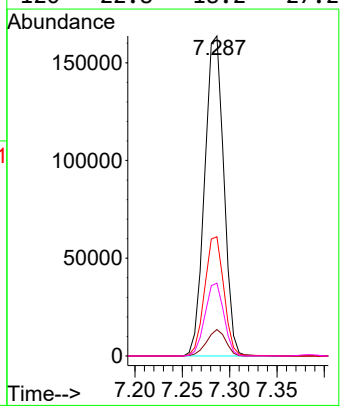


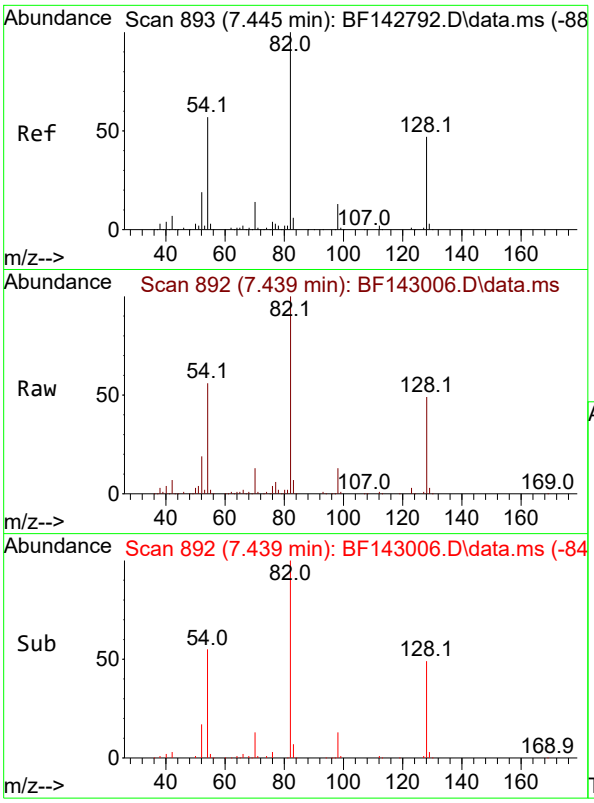


#22
Acetophenone
Concen: 46.554 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:105 Resp: 229328

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.5	9.7
51	37.2	29.8	44.8
120	22.8	18.2	27.2



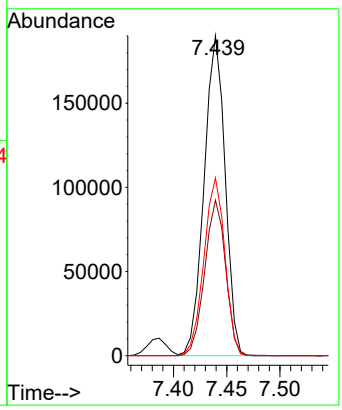


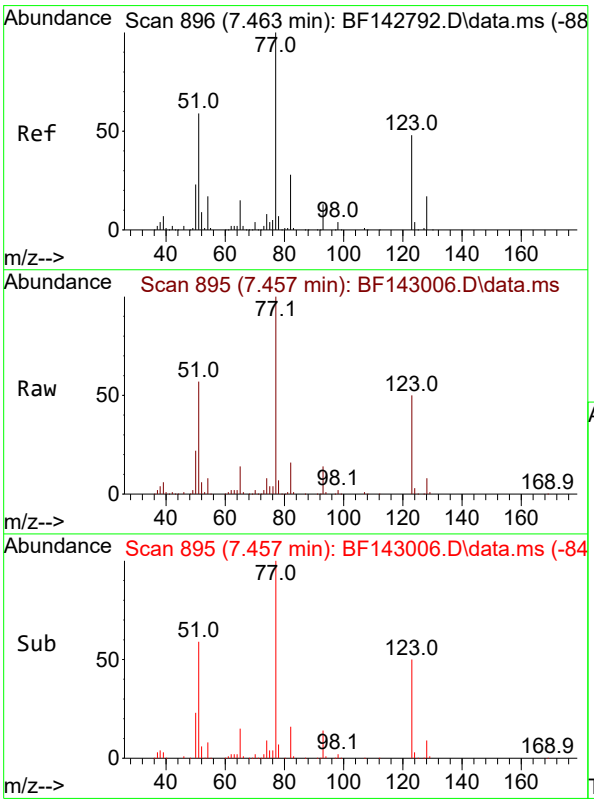
#23
Nitrobenzene-d5
Concen: 64.171 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion: 82 Resp: 261346

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.7	56.5
54	55.5	45.7	68.5

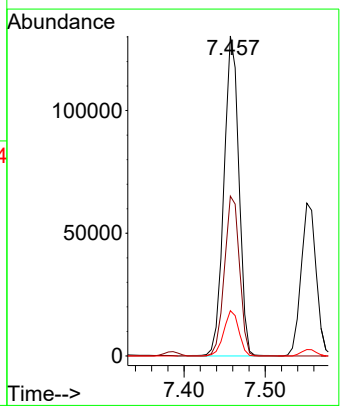


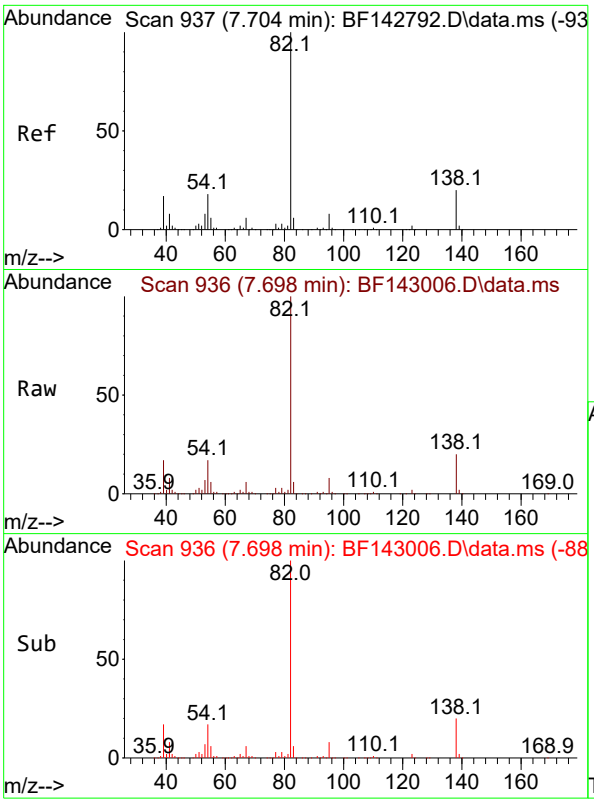


#24
Nitrobenzene
Concen: 45.557 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 77 Resp: 167930

Ion	Ratio	Lower	Upper
77	100		
123	50.0	39.2	58.8
65	14.2	11.6	17.4



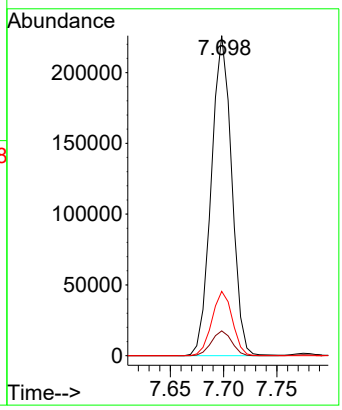


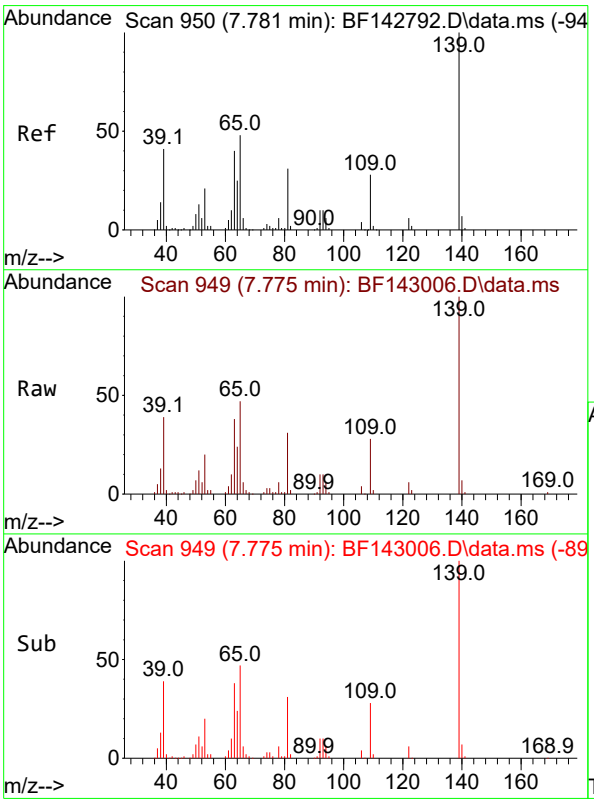
#25
Isophorone
Concen: 46.033 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion: 82 Resp: 300741

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	20.1	16.2	24.4

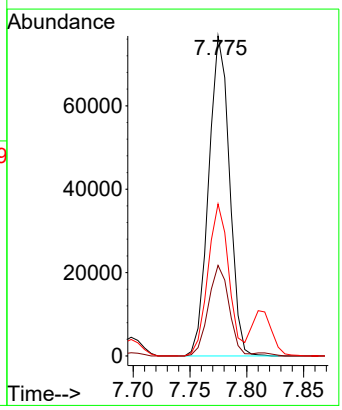


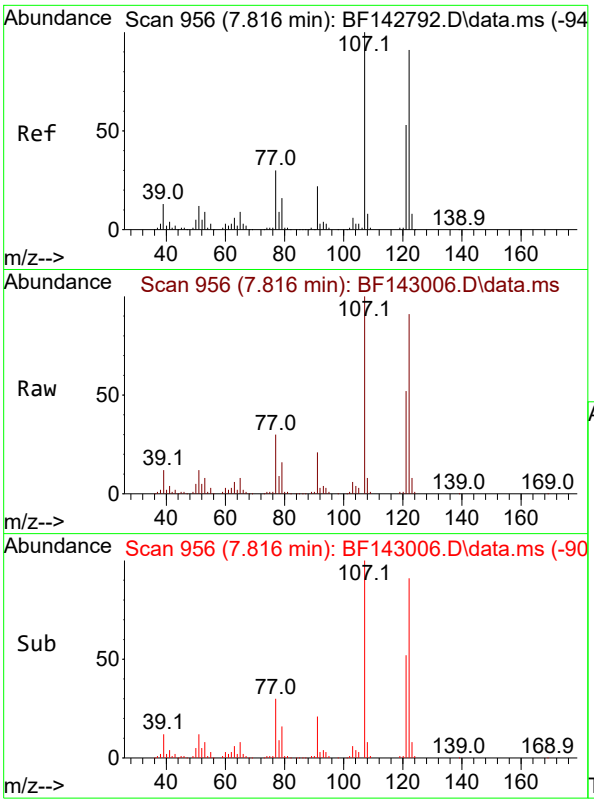


#26
2-Nitrophenol
Concen: 48.701 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:139 Resp: 97790

Ion	Ratio	Lower	Upper
139	100		
109	28.3	22.7	34.1
65	47.5	38.6	58.0



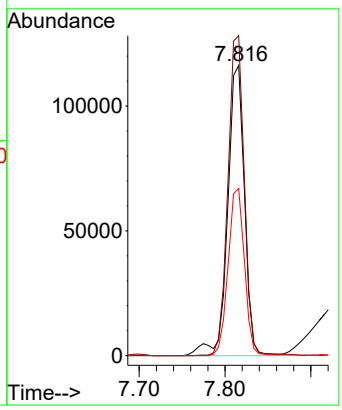


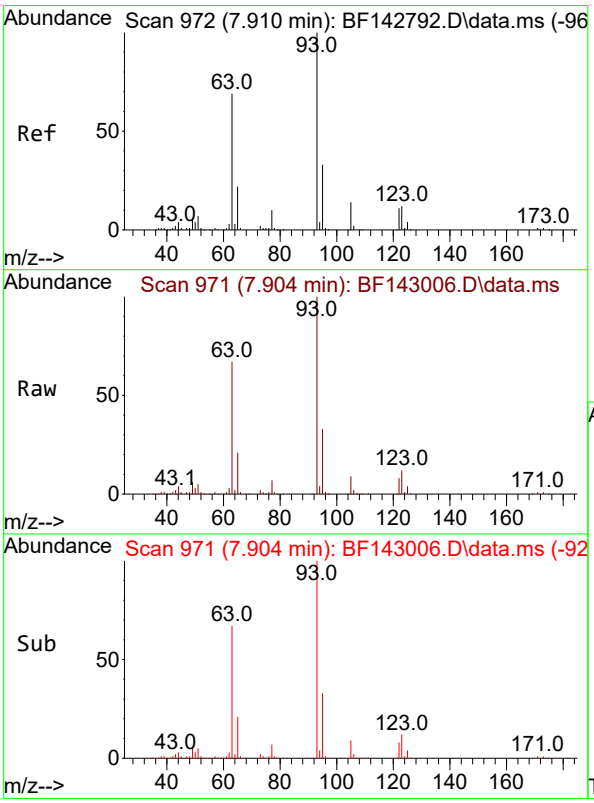
#27
2,4-Dimethylphenol
Concen: 45.450 ng m
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:122 Resp: 158083

Ion	Ratio	Lower	Upper
122	100		
107	110.3	88.0	132.0
121	57.6	46.3	69.5

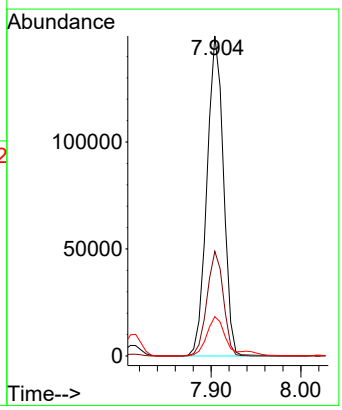


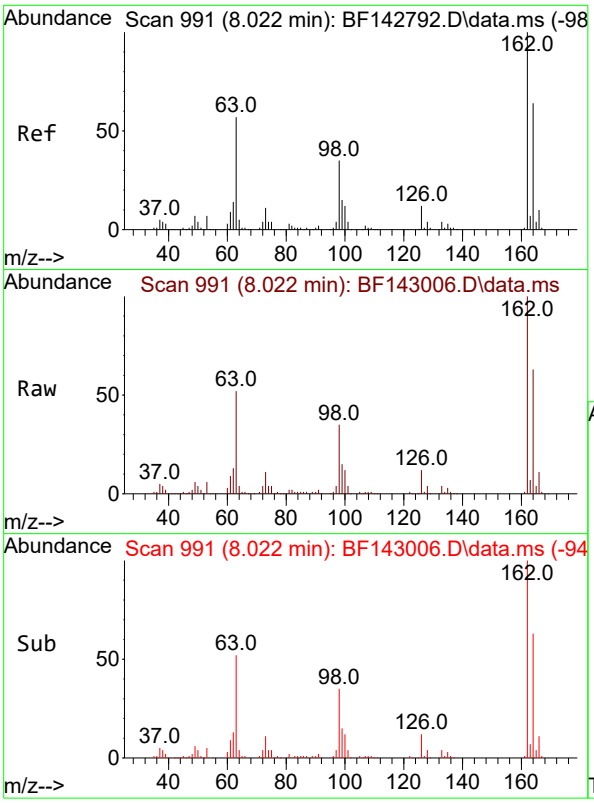


#28
bis(2-Chloroethoxy)methane
Concen: 45.972 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 93 Resp: 190945

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	12.3	9.9	14.9



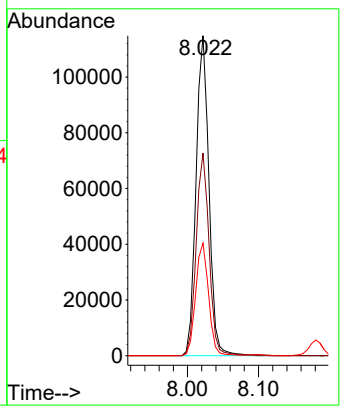


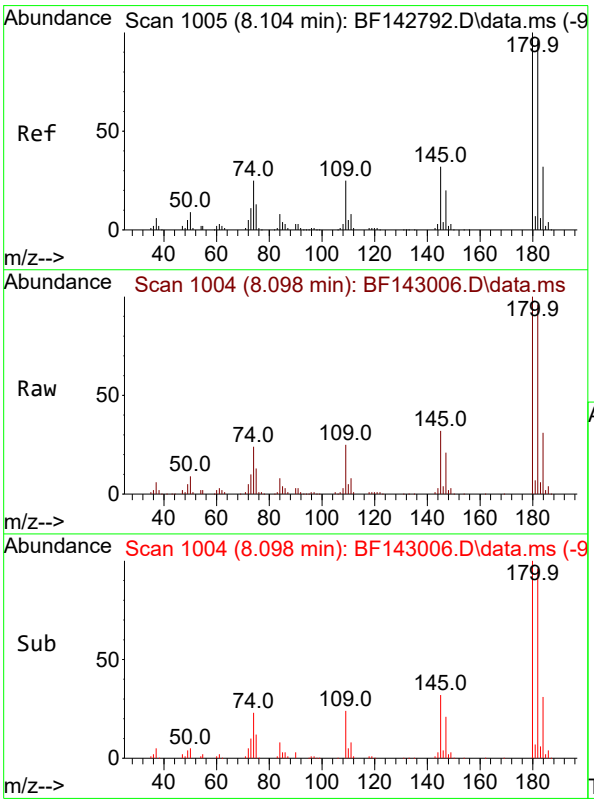
#29
2,4-Dichlorophenol
Concen: 46.010 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:162 Resp: 145103

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.0	84.0
98	35.2	15.4	55.4

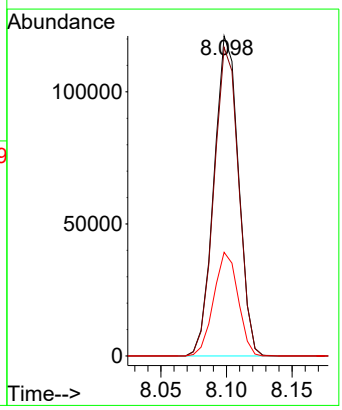


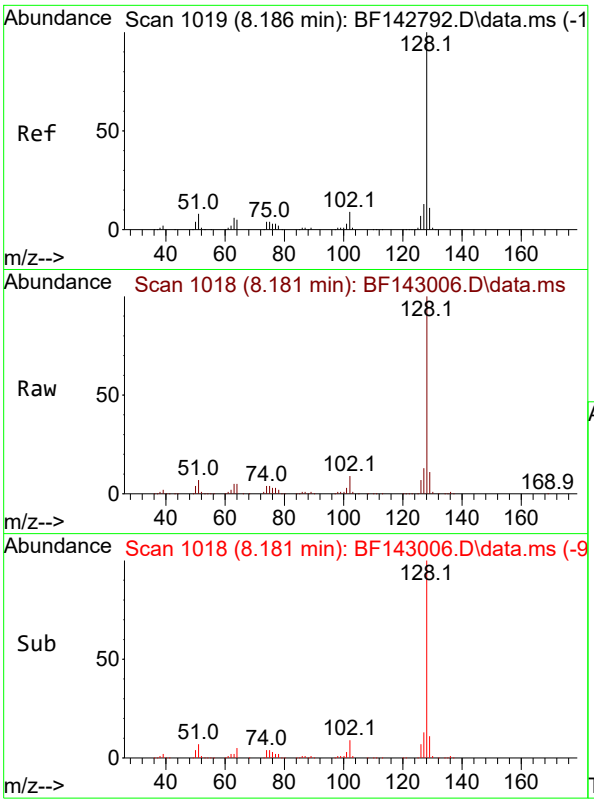


#30
1,2,4-Trichlorobenzene
Concen: 45.499 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:180 Resp: 157786

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.4	114.6
145	32.4	25.8	38.8



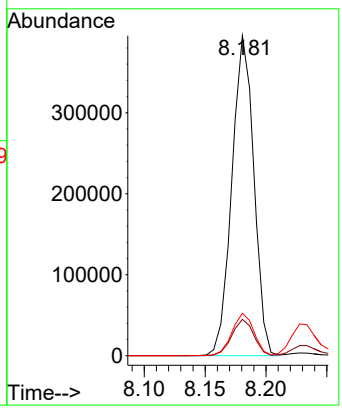


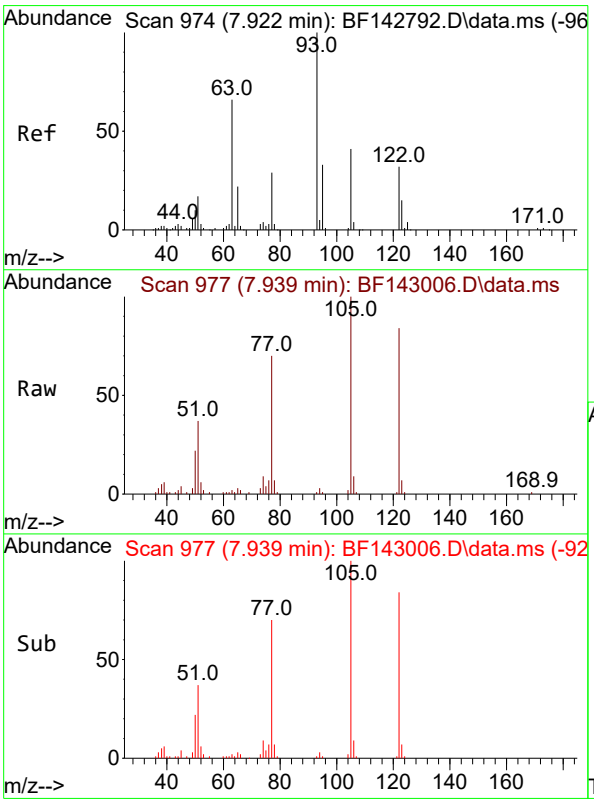
#31
Naphthalene
Concen: 45.485 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:128 Resp: 497351

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.2	10.4	15.6

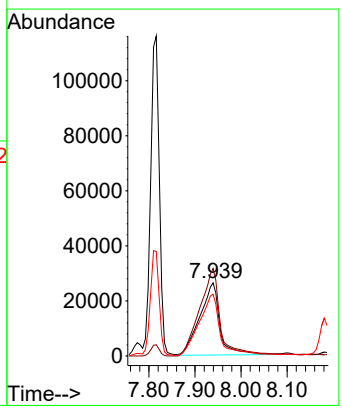


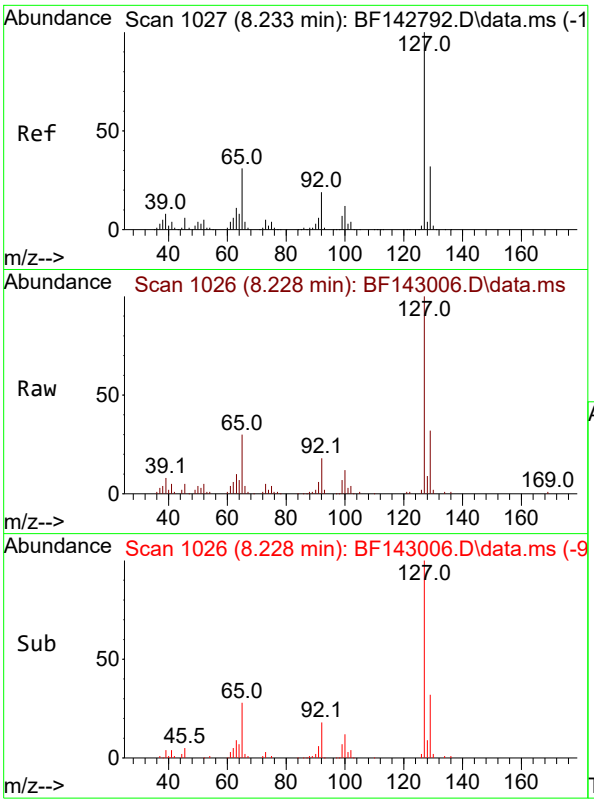


#32
Benzoic acid
Concen: 45.117 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:122 Resp: 79982

Ion	Ratio	Lower	Upper
122	100		
105	119.7	104.7	144.7
77	84.3	70.2	110.2



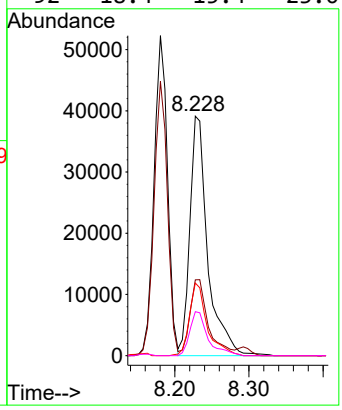


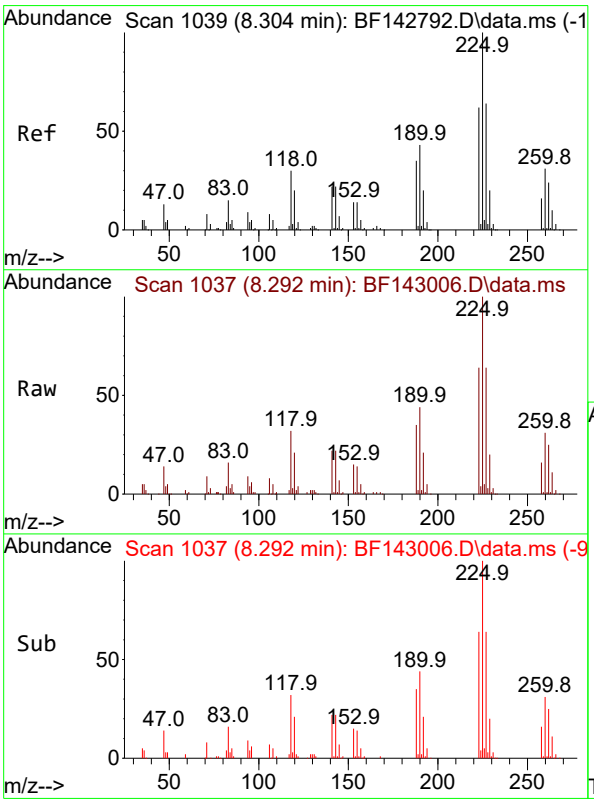
#33
4-Chloroaniline
Concen: 14.752 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:127 Resp: 65589

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	30.3	24.6	36.8
92	18.4	15.4	23.0

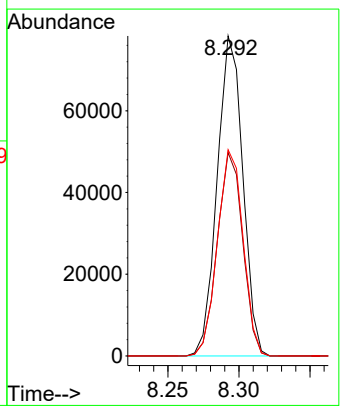


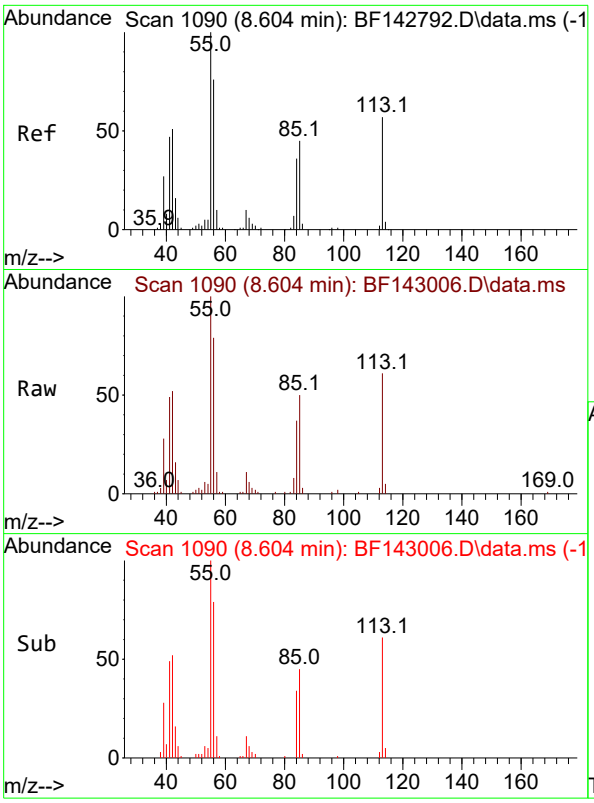


#34
Hexachlorobutadiene
Concen: 46.213 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:225 Resp: 98029

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.9	74.9
227	64.4	51.4	77.0



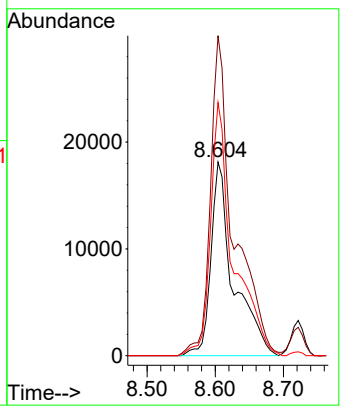


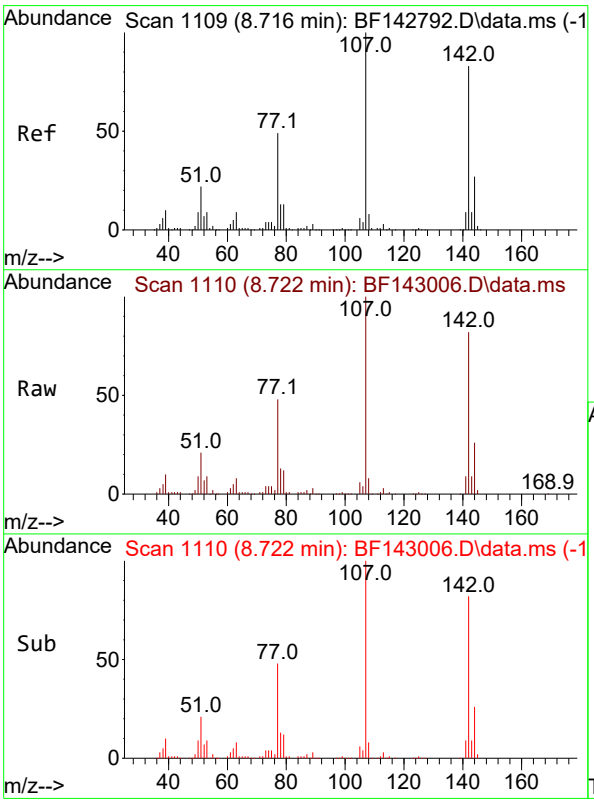
#35
Caprolactam
Concen: 50.106 ng
RT: 8.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:113 Resp: 41698

Ion	Ratio	Lower	Upper
113	100		
55	165.2	154.4	194.4
56	130.7	112.1	152.1

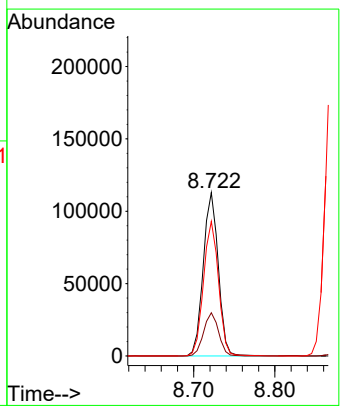


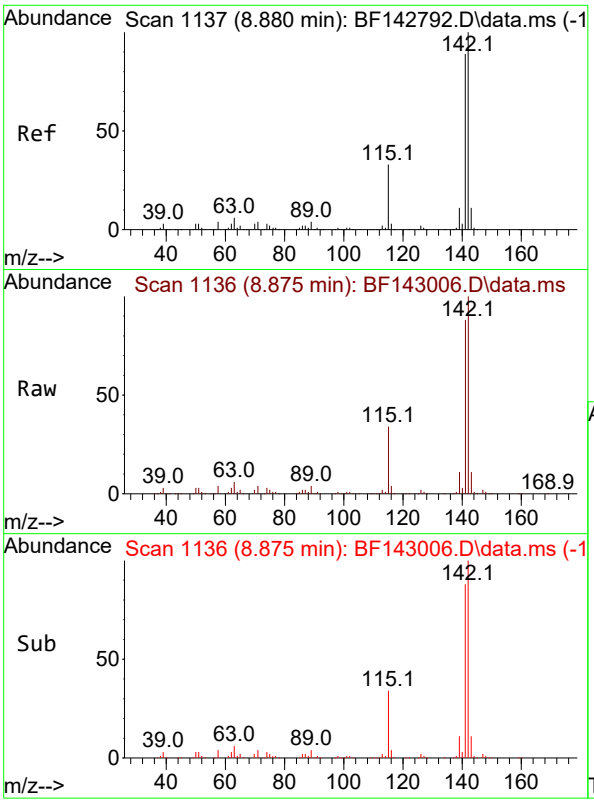


#36
4-Chloro-3-methylphenol
Concen: 46.324 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:107 Resp: 145195

Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.3	31.9
142	82.4	66.6	100.0



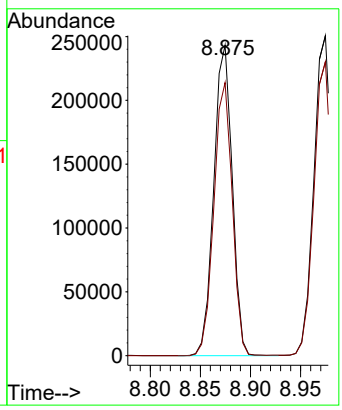


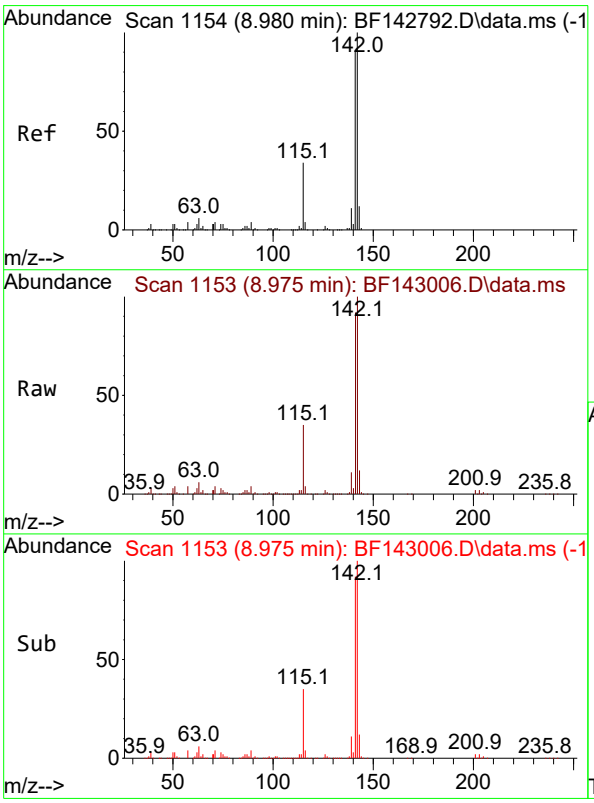
#37
2-Methylnaphthalene
Concen: 45.837 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:142 Resp: 310731

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.9	106.3

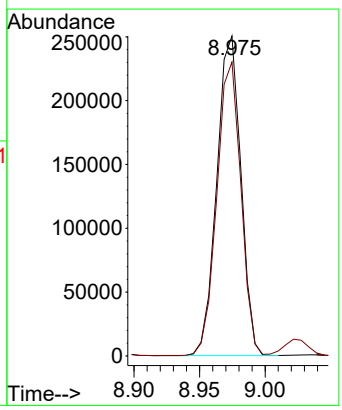


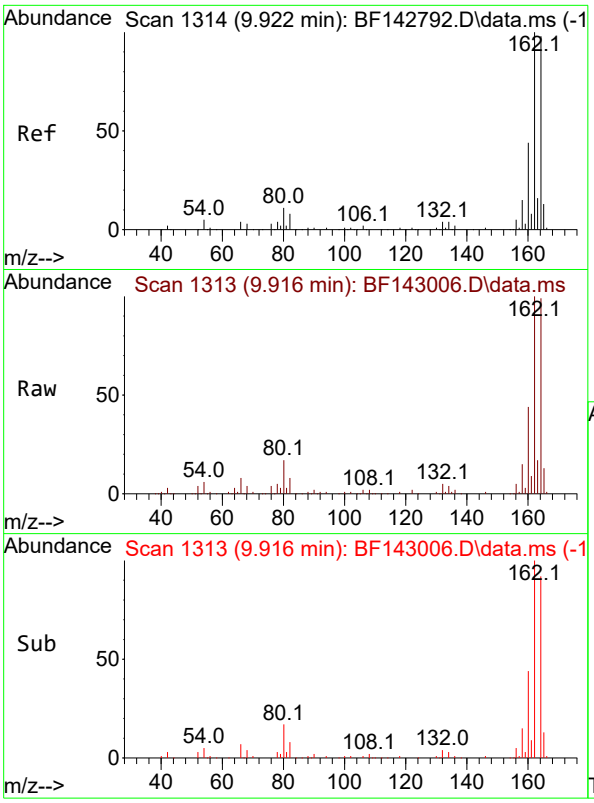


#38
1-Methylnaphthalene
Concen: 45.534 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:142 Resp: 319535

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.0	109.4



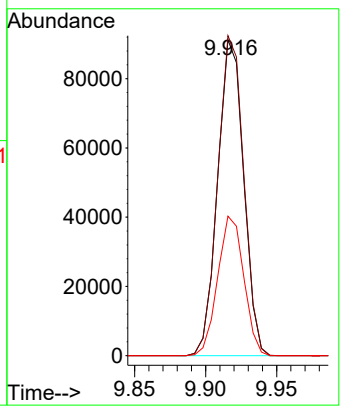


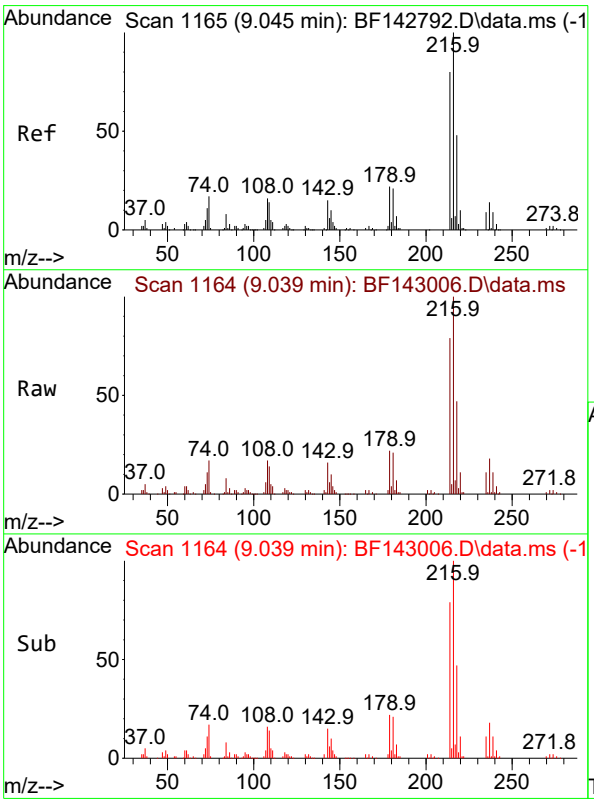
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:164 Resp: 115795

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.8
160	44.1	36.0	54.0

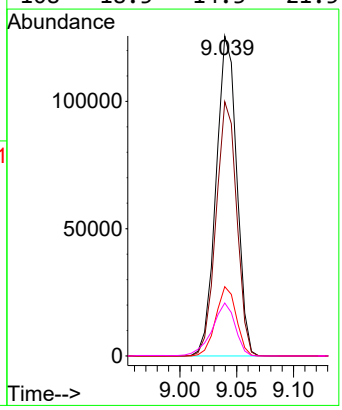


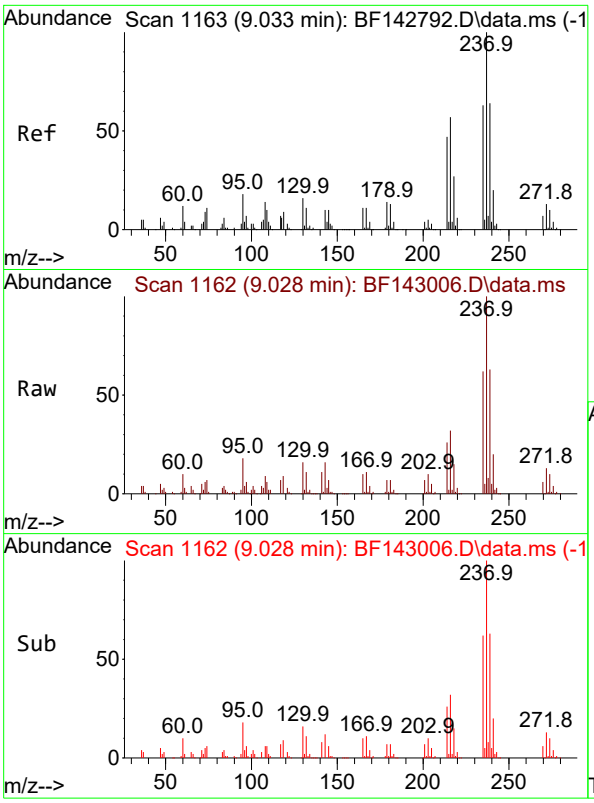


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.624 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:216 Resp: 159300

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.7	95.5
179	21.4	17.6	26.4
108	18.5	14.3	21.5



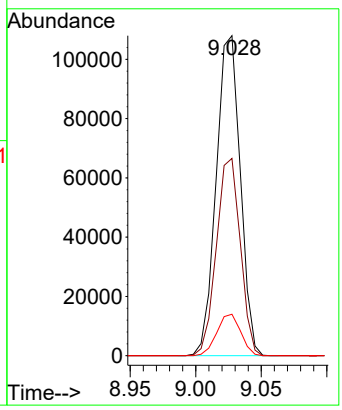


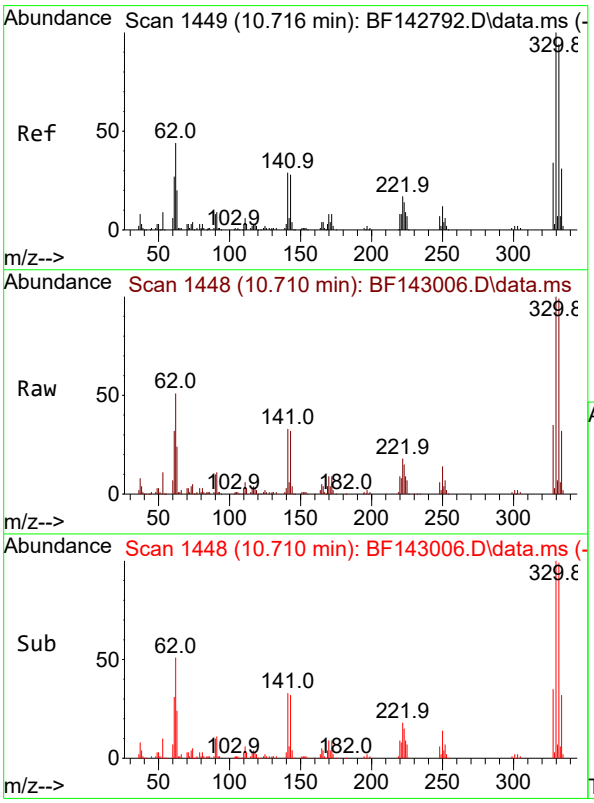
#41
Hexachlorocyclopentadiene
Concen: 71.163 ng
RT: 9.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:237 Resp: 137979

Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.4	83.4
272	13.0	0.0	32.7

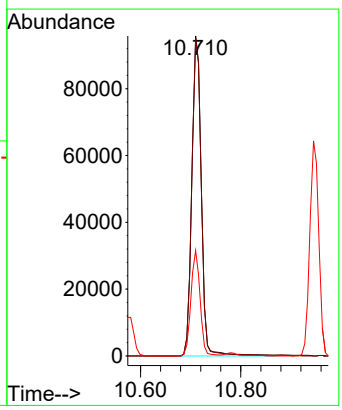


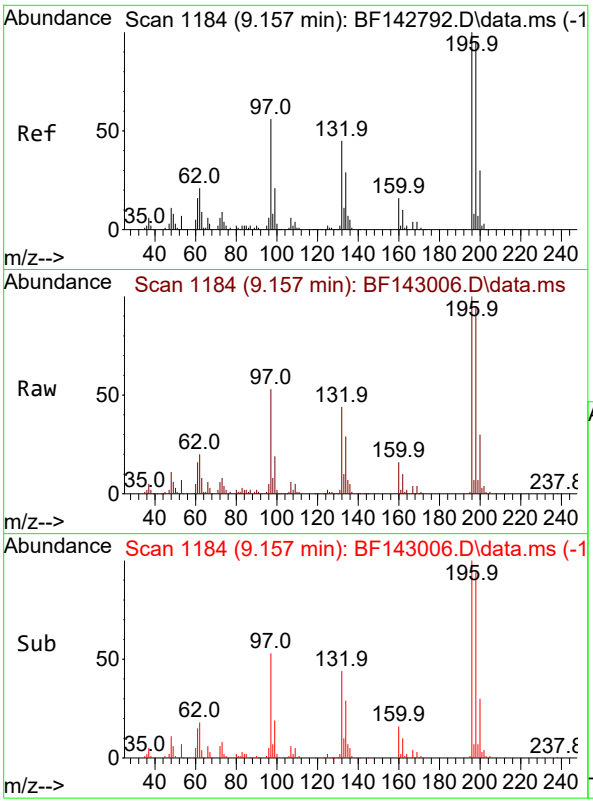


#42
2,4,6-Tribromophenol
Concen: 105.819 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:330 Resp: 126095

Ion	Ratio	Lower	Upper
330	100		
332	98.7	75.0	112.6
141	31.7	25.3	37.9



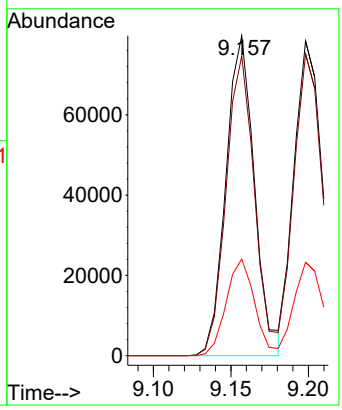


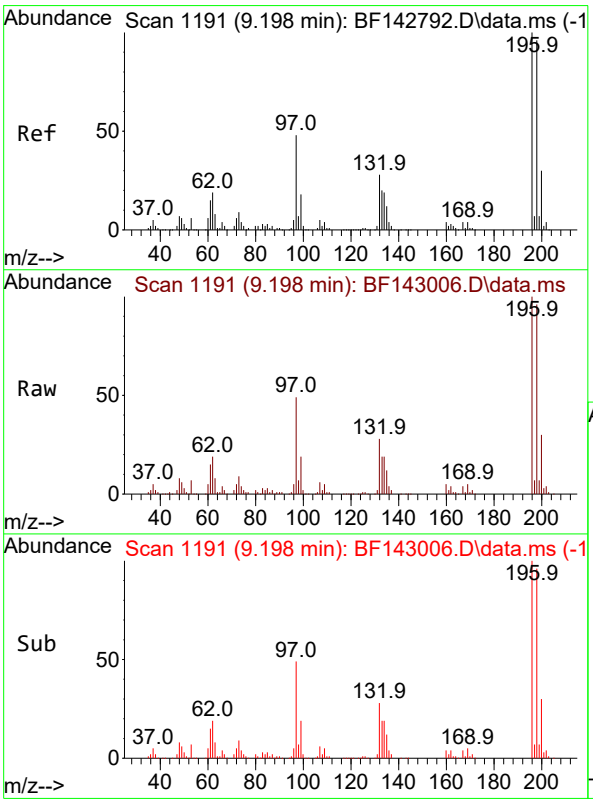
#43
2,4,6-Trichlorophenol
Concen: 45.820 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:196 Resp: 102014

Ion	Ratio	Lower	Upper
196	100		
198	93.6	76.2	114.2
200	30.2	24.1	36.1

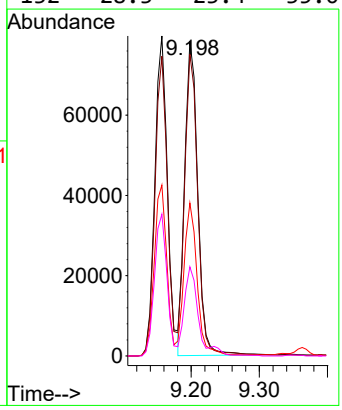


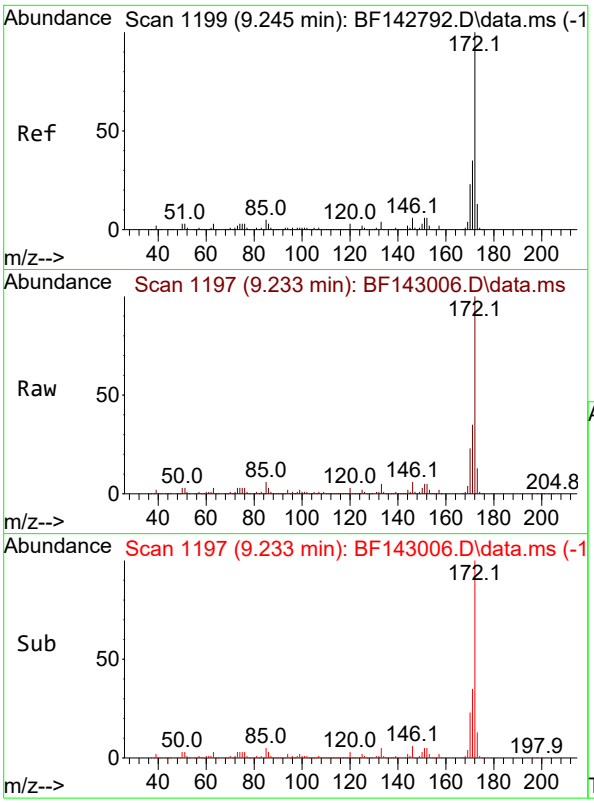


#44
2,4,5-Trichlorophenol
Concen: 44.265 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:196 Resp: 103743

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.6	115.0
97	48.6	38.2	57.2
132	28.3	23.4	35.0



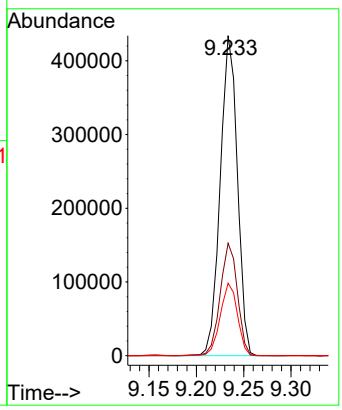


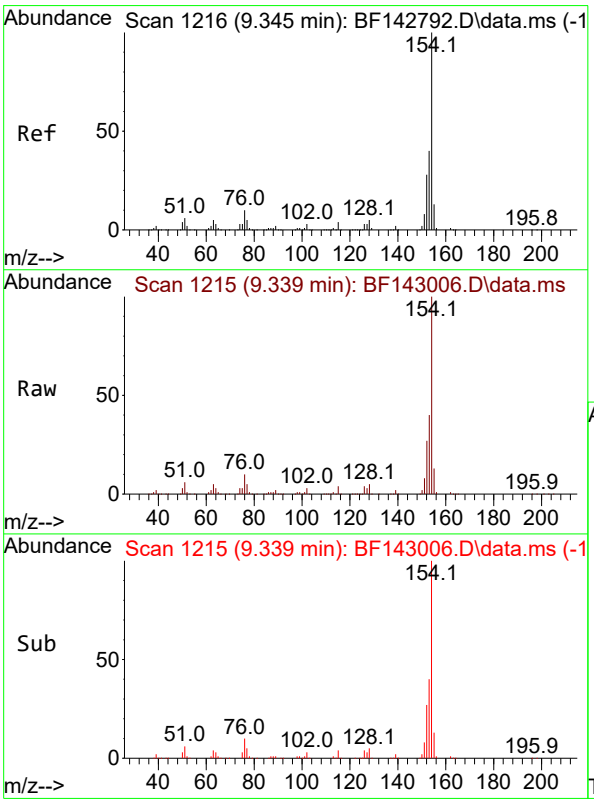
#45
2-Fluorobiphenyl
Concen: 62.046 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:172 Resp: 546912

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	22.7	18.5	27.7

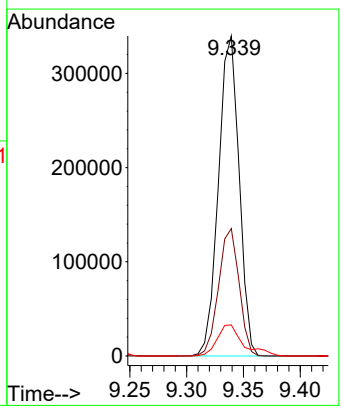


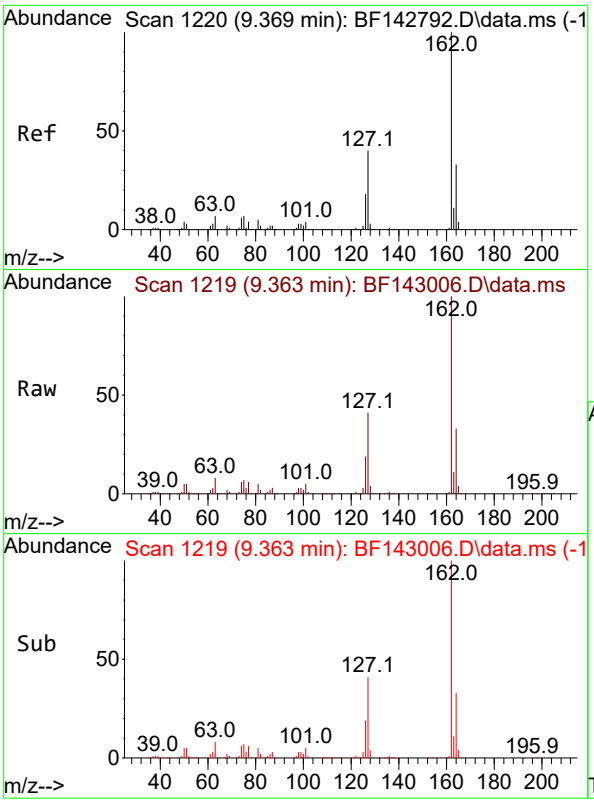


#46
1,1'-Biphenyl
Concen: 46.967 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:154 Resp: 429611

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	9.7	0.0	30.3



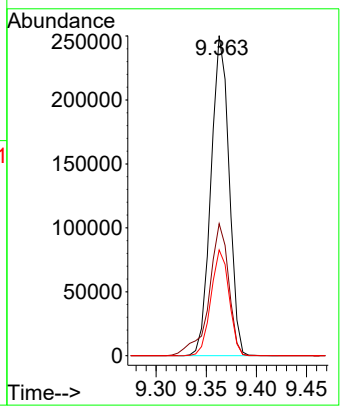


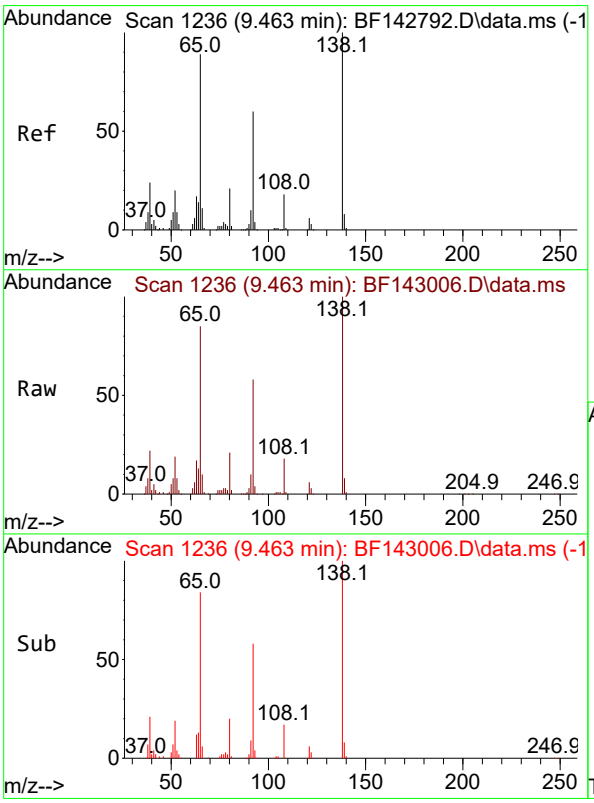
#47
2-Chloronaphthalene
Concen: 45.656 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:162 Resp: 313398

Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.2	48.2
164	33.1	26.1	39.1

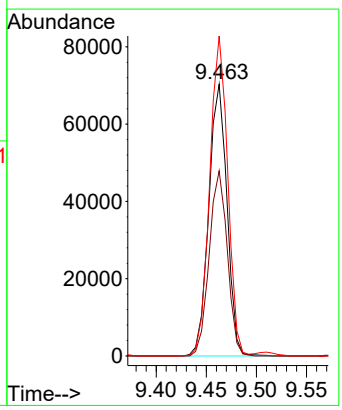


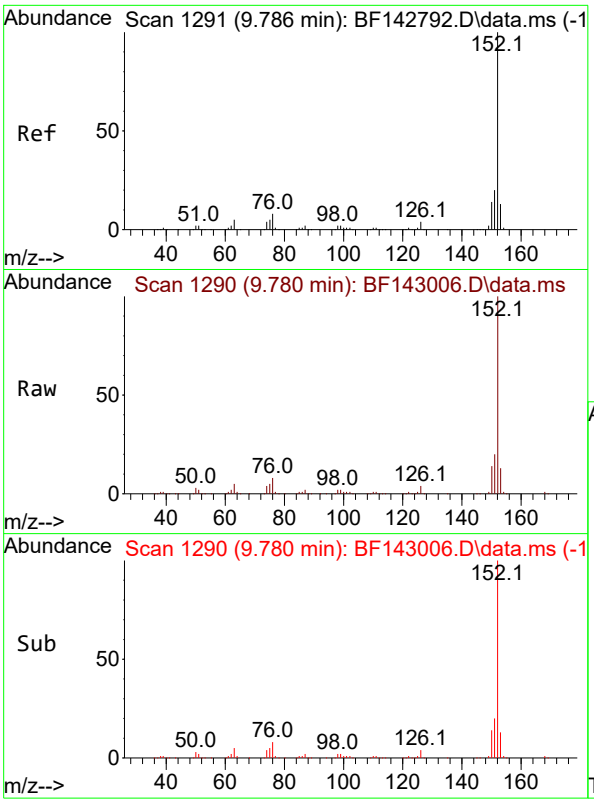


#48
2-Nitroaniline
Concen: 46.225 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion: 65 Resp: 88958

Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.8	80.6
138	117.8	89.6	134.4



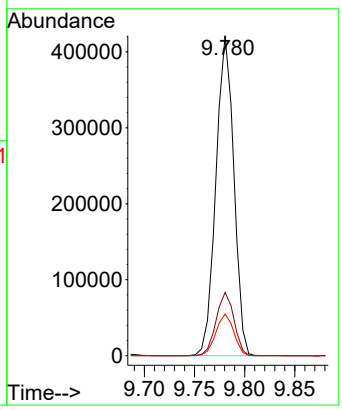


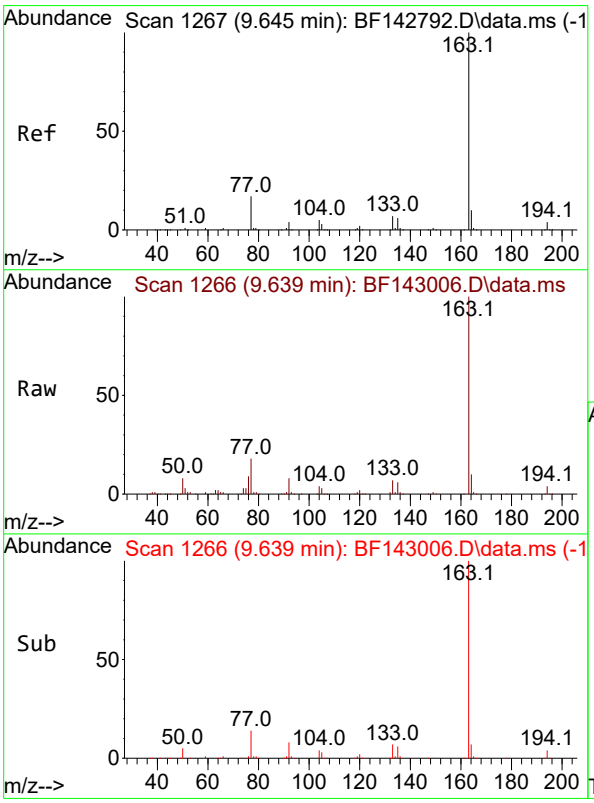
#49
Acenaphthylene
Concen: 46.227 ng
RT: 9.780 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:152 Resp: 522368

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.0	10.4	15.6

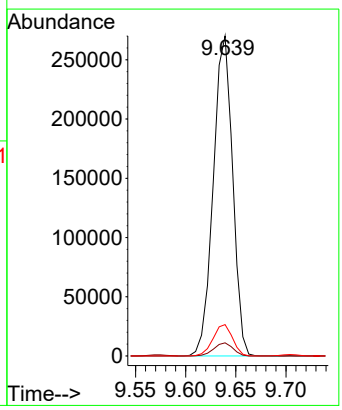


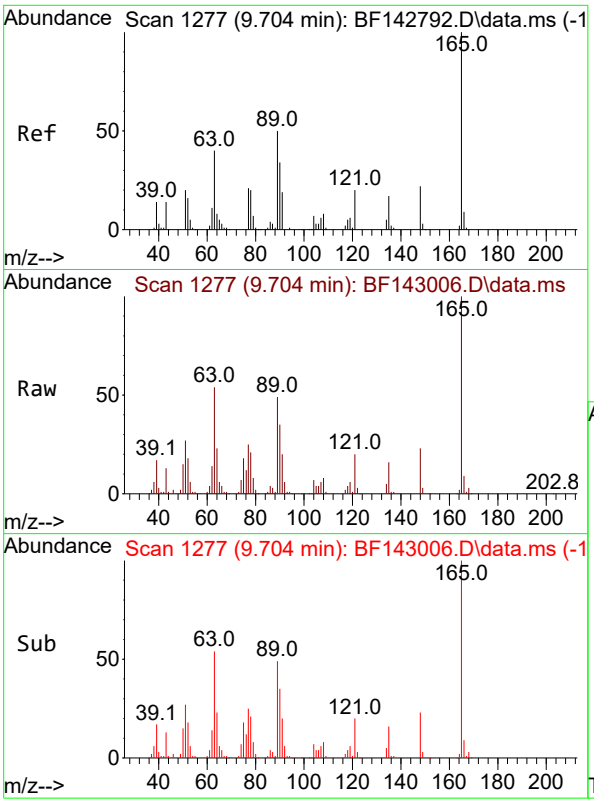


#50
Dimethylphthalate
Concen: 48.326 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:163 Resp: 362226

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.8	8.0	12.0



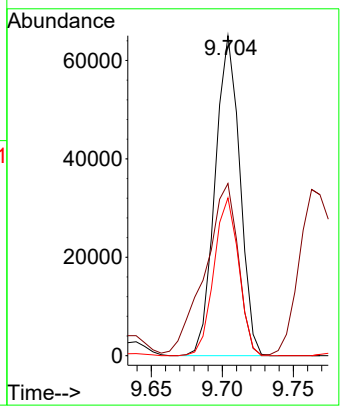


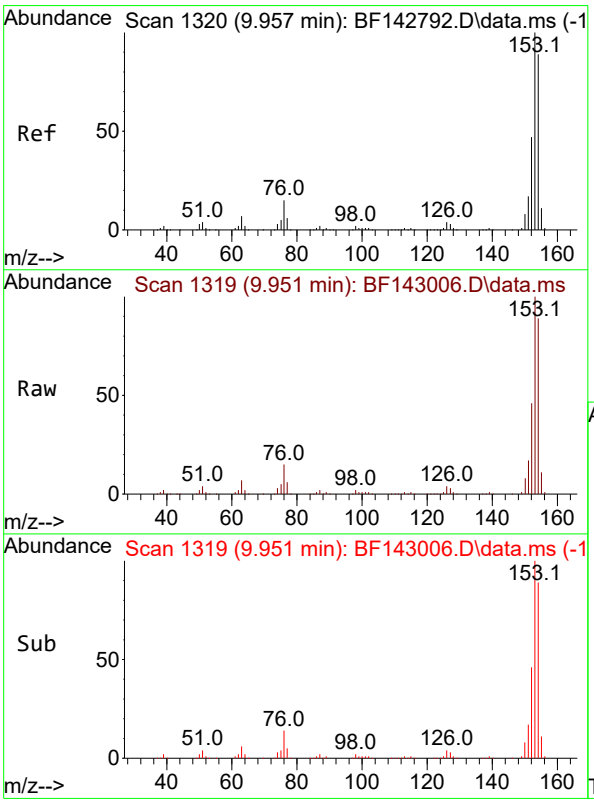
#51
2,6-Dinitrotoluene
Concen: 47.769 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:165 Resp: 78631

Ion	Ratio	Lower	Upper
165	100		
63	53.8	44.2	66.4
89	49.3	39.8	59.8

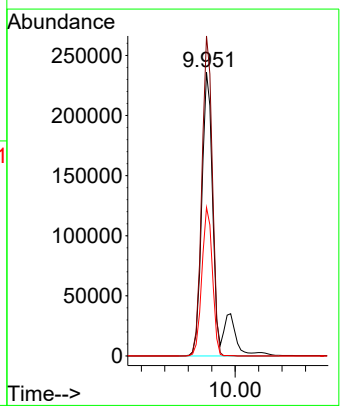


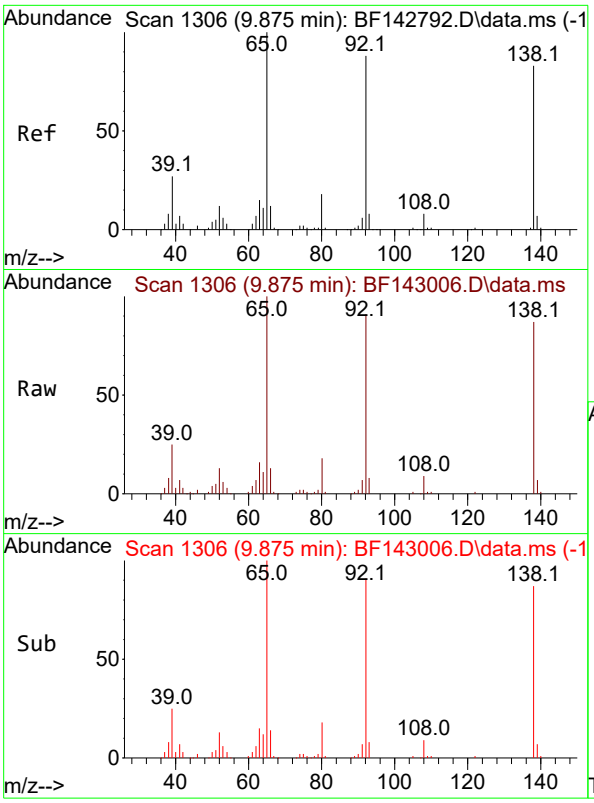


#52
Acenaphthene
Concen: 50.893 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:154 Resp: 350881

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.0	135.0
152	52.4	41.9	62.9



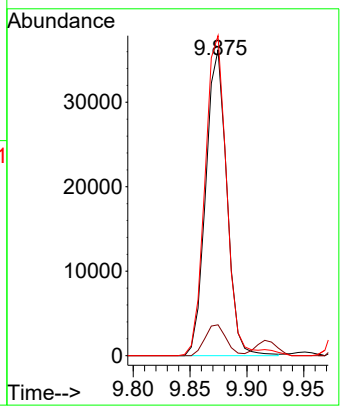


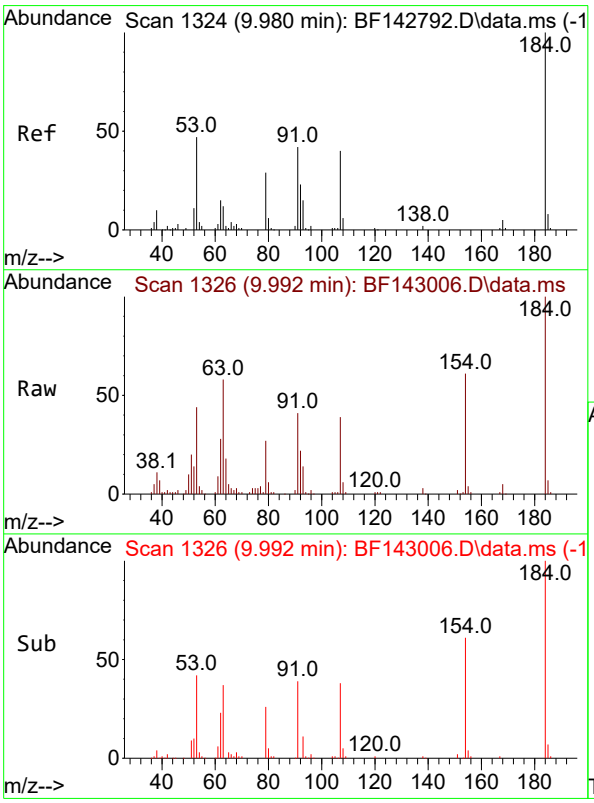
#53
3-Nitroaniline
Concen: 25.789 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:138 Resp: 46738

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	104.7	85.1	127.7

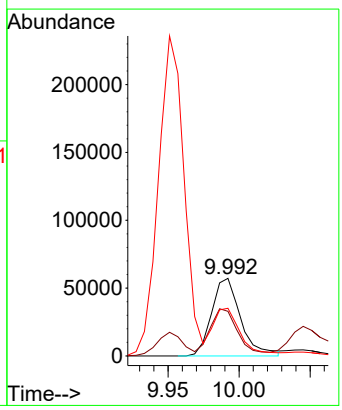


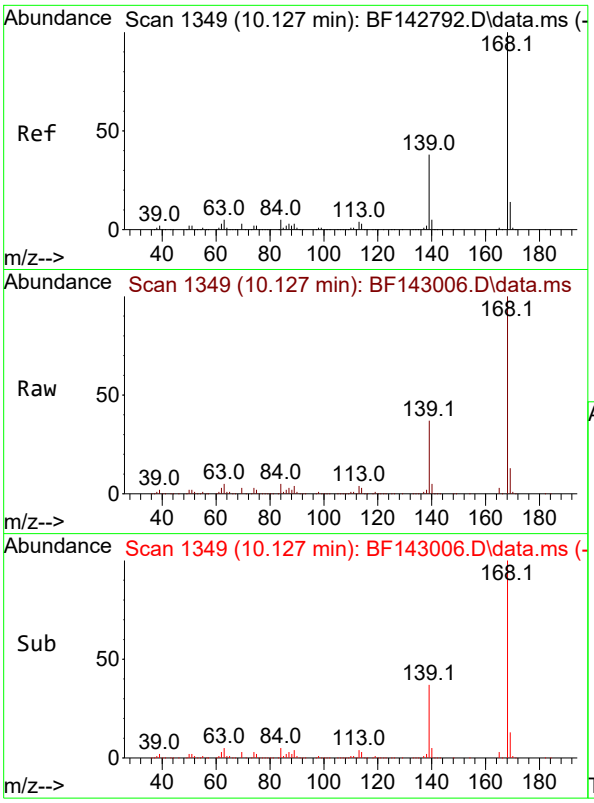


#54
2,4-Dinitrophenol
Concen: 98.739 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:184 Resp: 81383

Ion	Ratio	Lower	Upper
184	100		
63	57.5	50.6	75.8
154	61.5	51.8	77.8



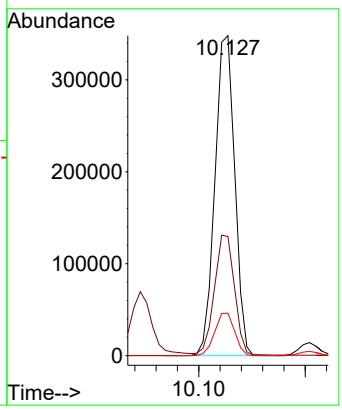


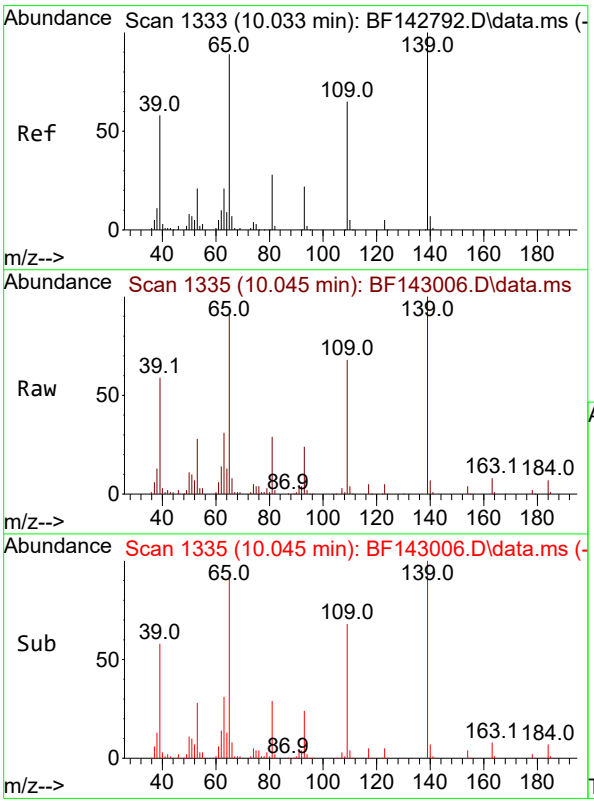
#55
Dibenzofuran
Concen: 45.421 ng
RT: 10.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:168 Resp: 449054

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.2	45.4
169	13.2	10.8	16.2

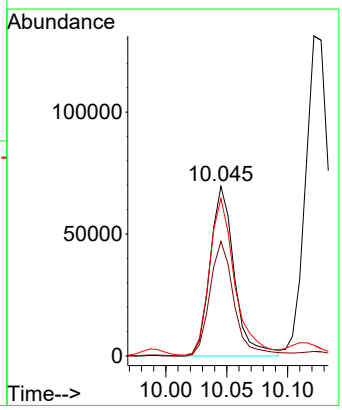


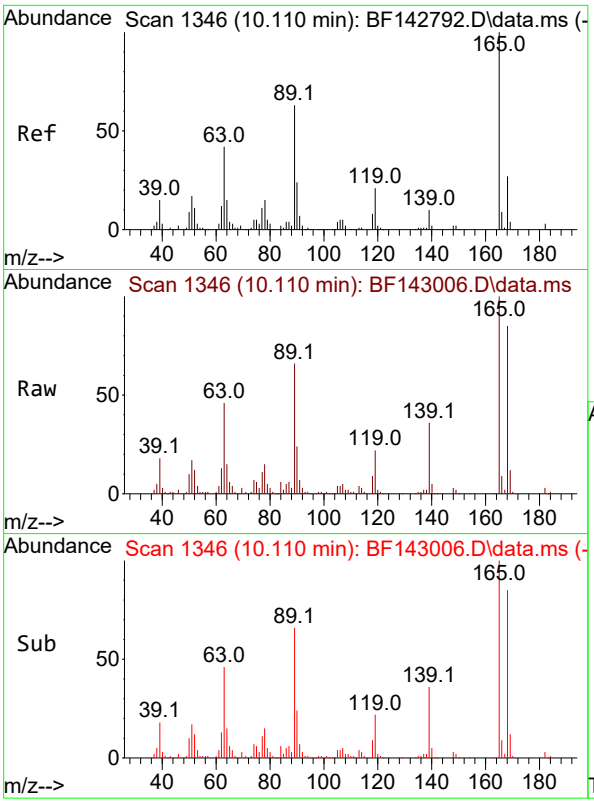


#56
4-Nitrophenol
Concen: 77.479 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:139 Resp: 96130

Ion	Ratio	Lower	Upper
139	100		
109	67.5	44.7	84.7
65	92.8	69.8	109.8



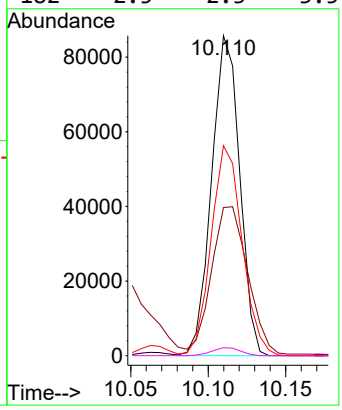


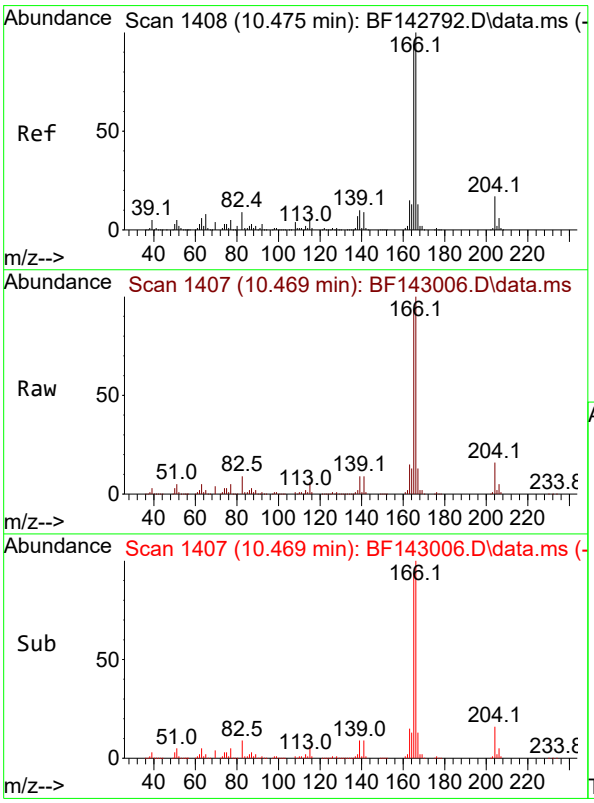
#57
2,4-Dinitrotoluene
Concen: 49.418 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:165 Resp: 108052

Ion	Ratio	Lower	Upper
165	100		
63	46.3	33.9	50.9
89	65.6	50.6	75.8
182	2.5	2.3	3.5

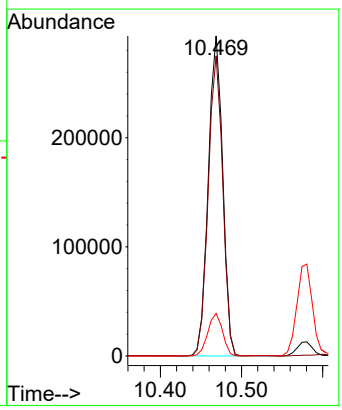


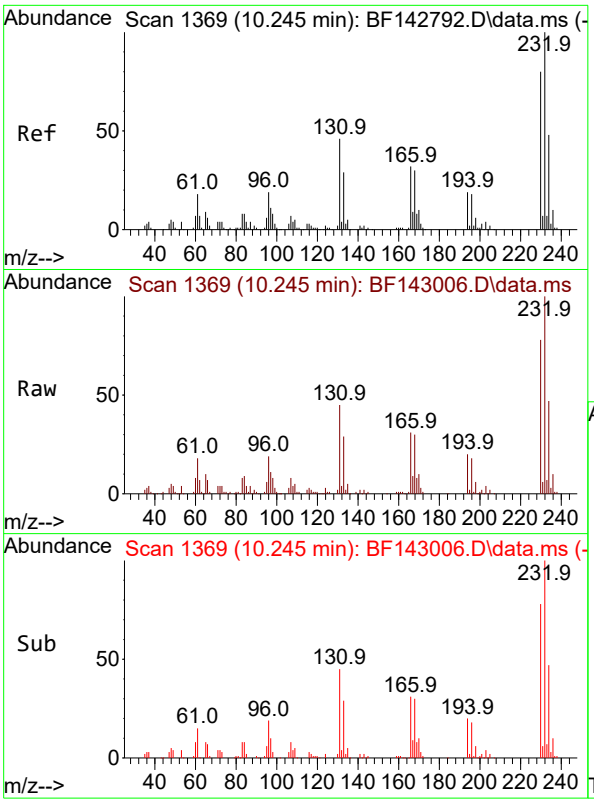


#58
Fluorene
Concen: 46.910 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:166 Resp: 362200

Ion	Ratio	Lower	Upper
166	100		
165	93.8	75.2	112.8
167	13.3	10.6	15.8



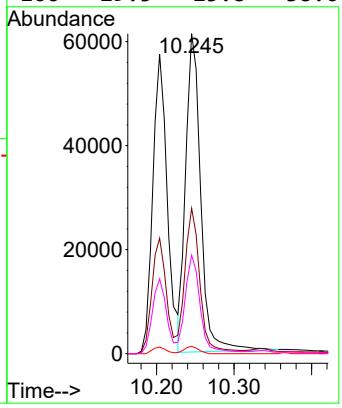


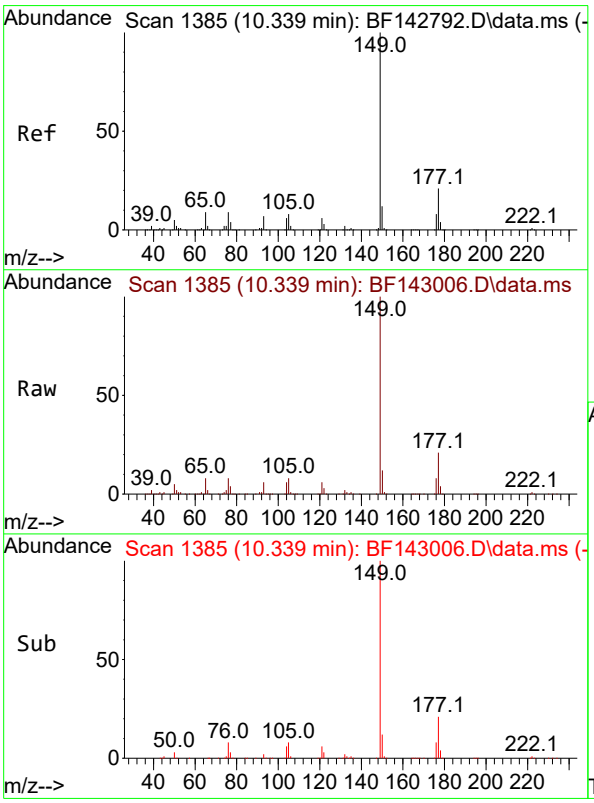
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.748 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:232 Resp: 82648

Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.6	56.4
130	2.2	1.7	2.5
166	29.5	25.8	38.6

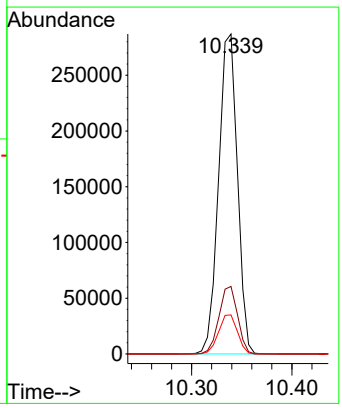


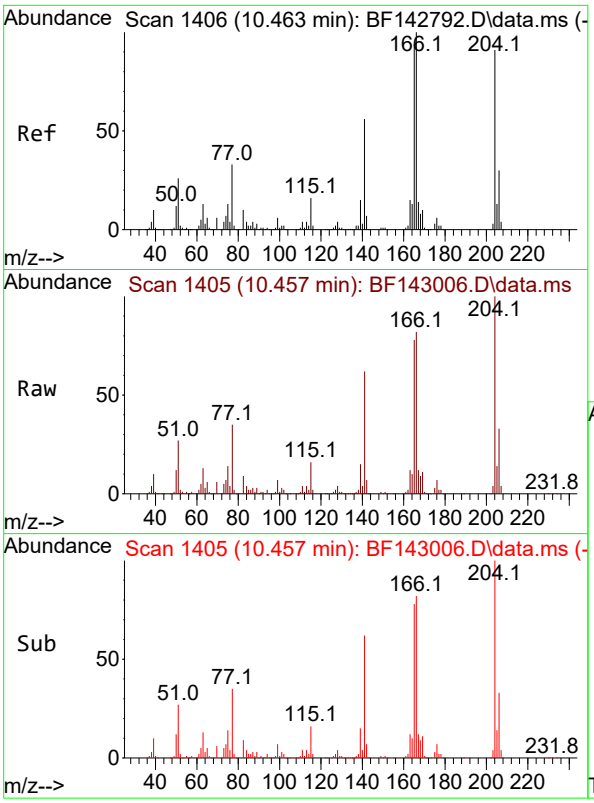


#60
Diethylphthalate
Concen: 50.859 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:149 Resp: 373769

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.0	25.6
150	12.2	9.8	14.6



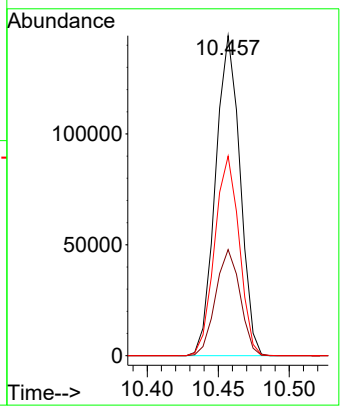


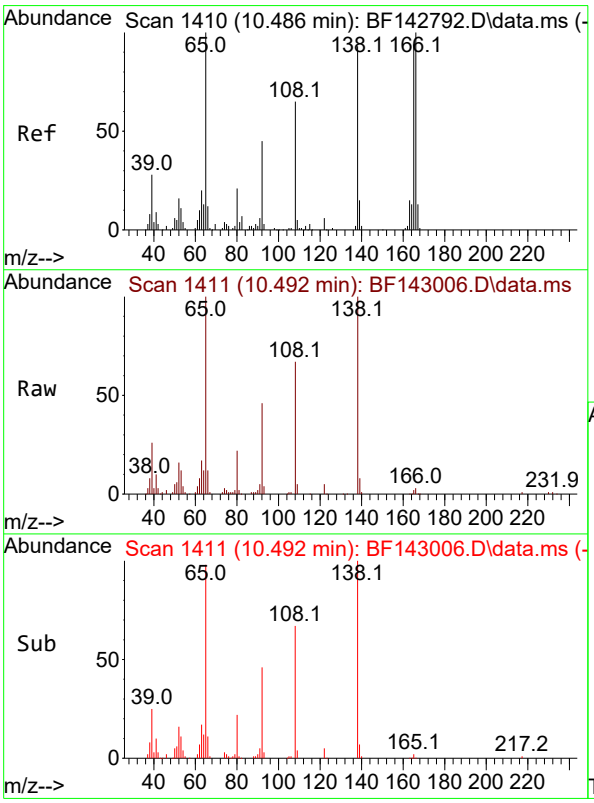
#61
4-Chlorophenyl-phenylether
Concen: 46.982 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:204 Resp: 173102

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	62.4	49.1	73.7

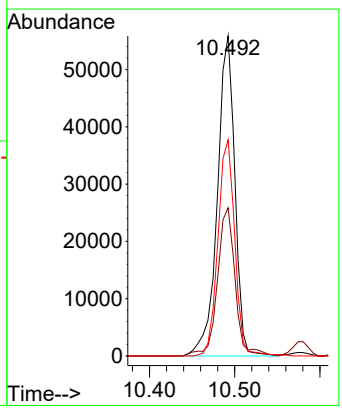


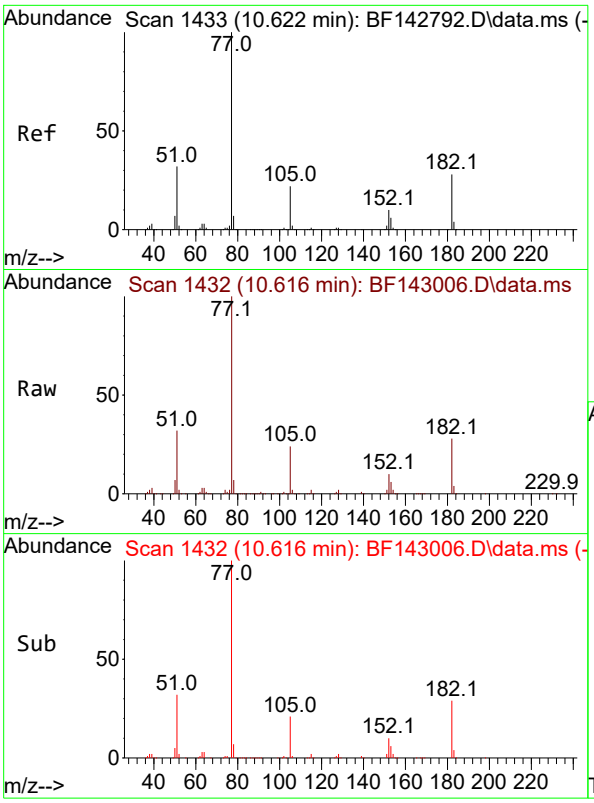


#62
4-Nitroaniline
Concen: 48.156 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:138 Resp: 79819

Ion	Ratio	Lower	Upper
138	100		
92	46.3	28.4	68.4
108	67.5	50.2	90.2



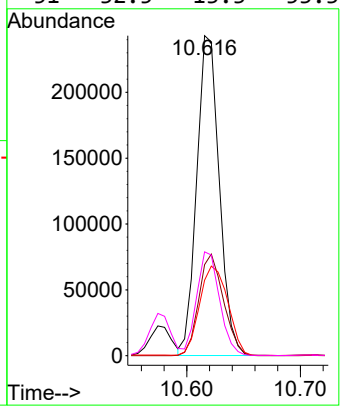


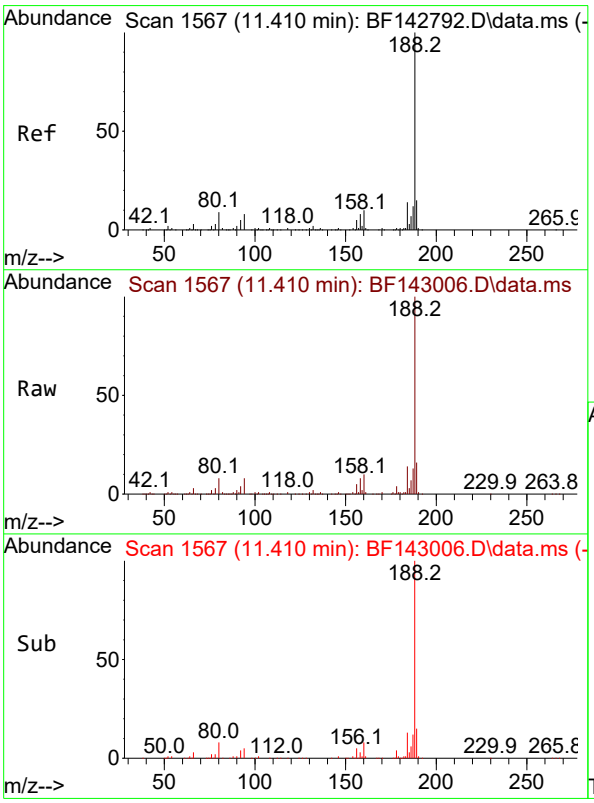
#63
Azobenzene
Concen: 51.107 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion: 77 Resp: 335692

Ion	Ratio	Lower	Upper
77	100		
182	28.4	7.7	47.7
105	23.6	1.9	41.9
51	32.5	13.3	53.3

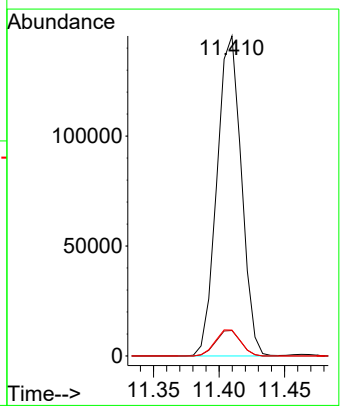


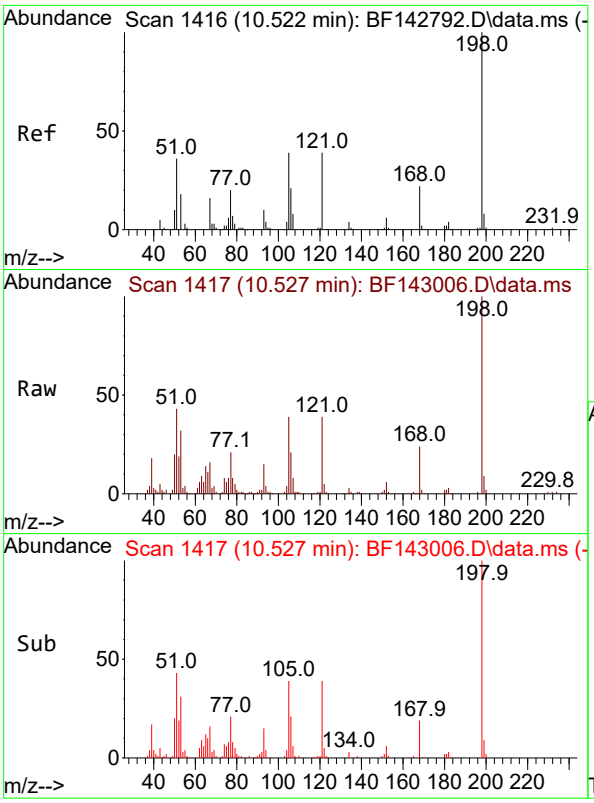


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:188 Resp: 188739

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.1	6.9	10.3



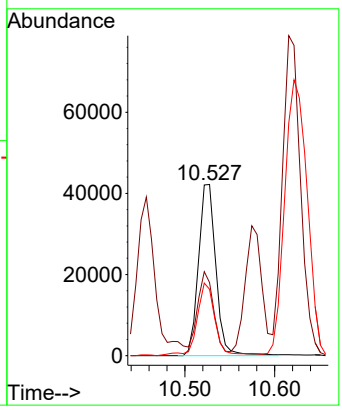


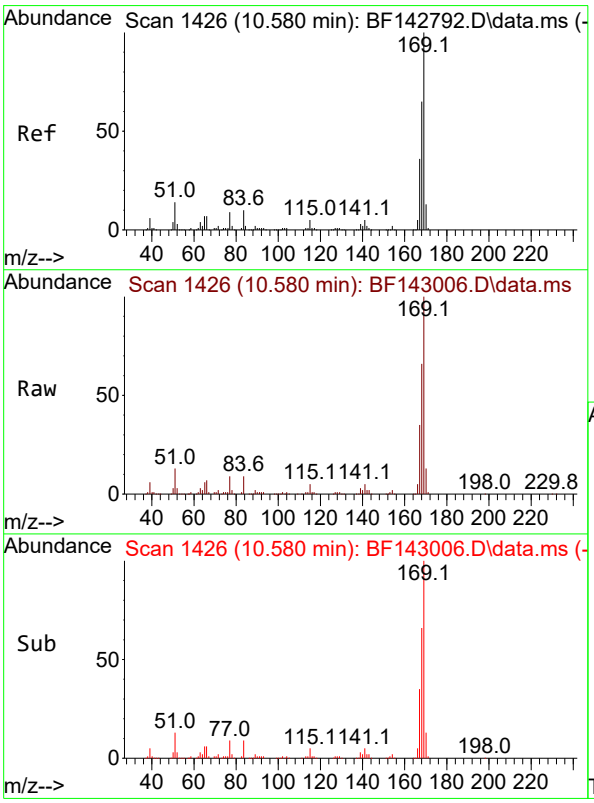
#65
4,6-Dinitro-2-methylphenol
Concen: 49.848 ng
RT: 10.527 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:198 Resp: 56907

Ion	Ratio	Lower	Upper
198	100		
51	42.7	25.4	65.4
105	38.8	20.4	60.4

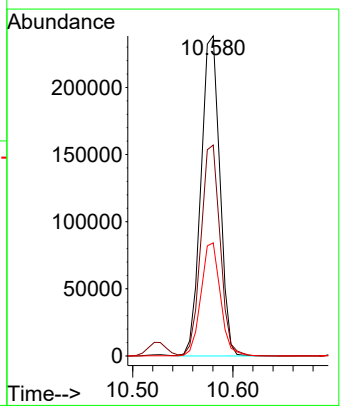


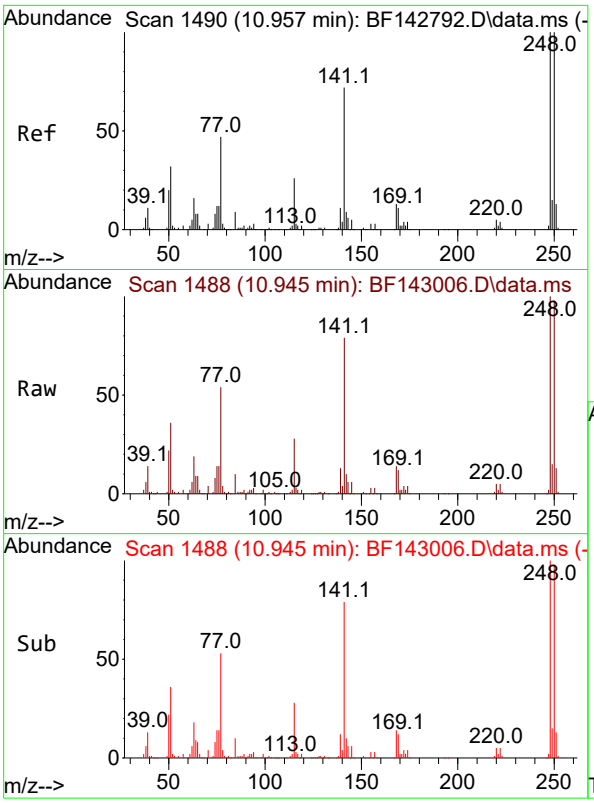


#66
n-Nitrosodiphenylamine
Concen: 47.693 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:169 Resp: 311972

Ion	Ratio	Lower	Upper
169	100		
168	65.9	51.9	77.9
167	35.3	28.5	42.7



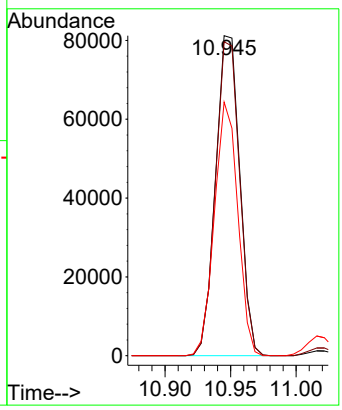


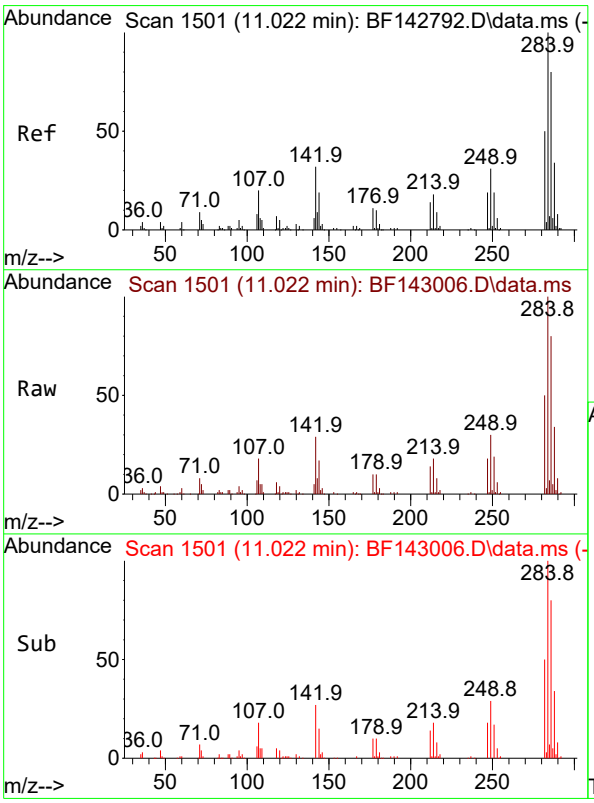
#67
4-Bromophenyl-phenylether
Concen: 48.600 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:248 Resp: 104395

Ion	Ratio	Lower	Upper
248	100		
250	98.1	79.8	119.8
141	79.3	57.8	86.6

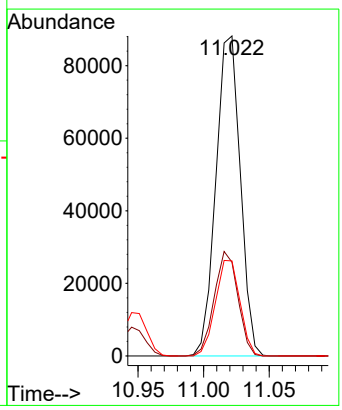


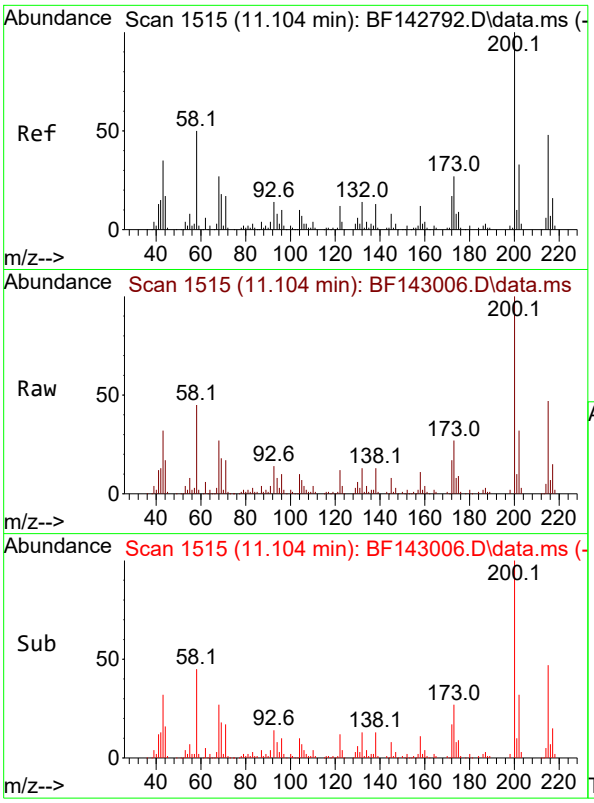


#68
Hexachlorobenzene
Concen: 47.719 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:284 Resp: 113896

Ion	Ratio	Lower	Upper
284	100		
142	29.3	25.5	38.3
249	29.7	24.9	37.3



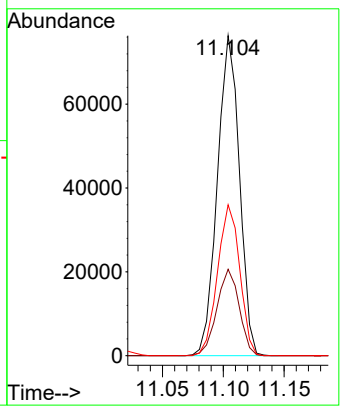


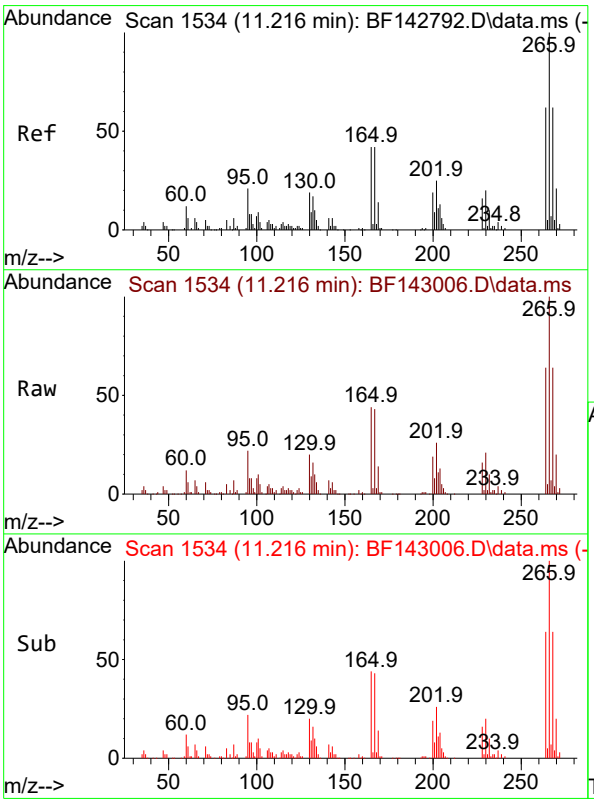
#69
Atrazine
Concen: 57.010 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:200 Resp: 96299

Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.4	47.4
215	47.1	28.4	68.4

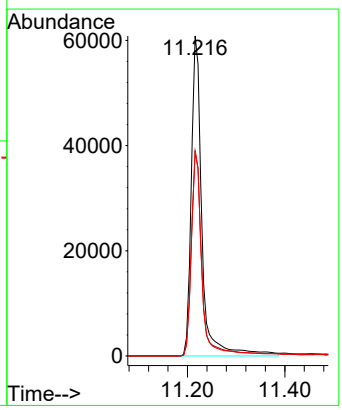


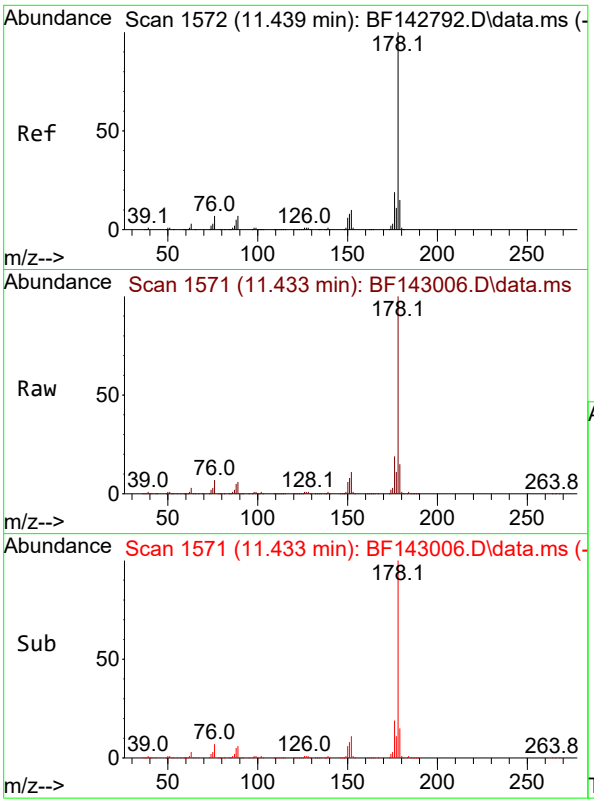


#70
Pentachlorophenol
Concen: 78.338 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:266 Resp: 93172

Ion	Ratio	Lower	Upper
266	100		
268	63.9	49.8	74.8
264	64.2	49.9	74.9



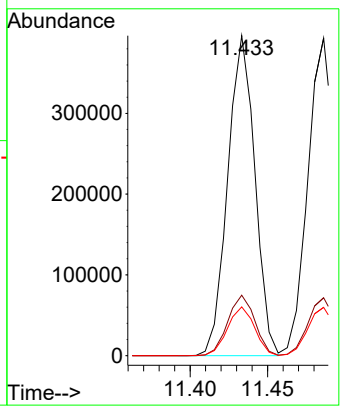


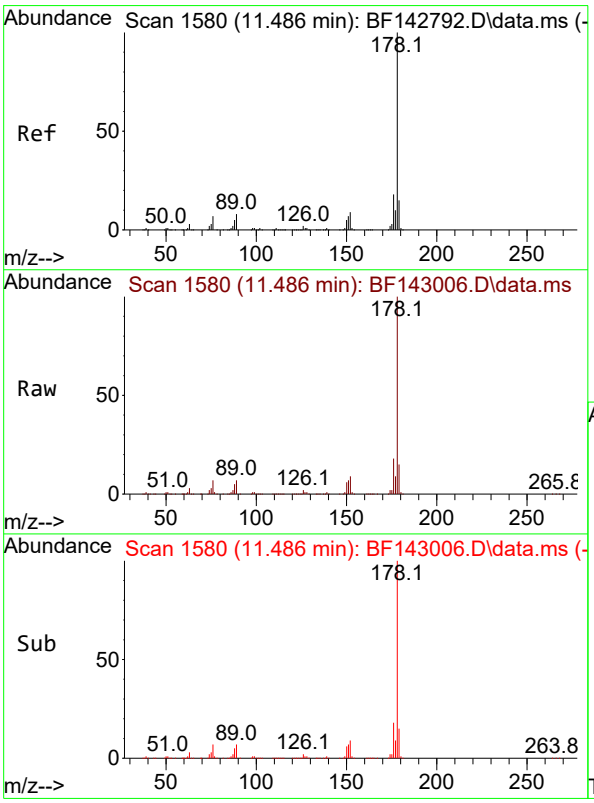
#71
Phenanthrene
Concen: 47.222 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:178 Resp: 482800

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	12.0	18.0

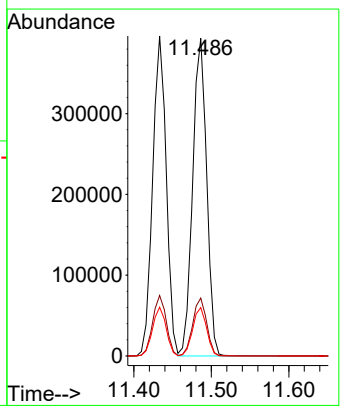


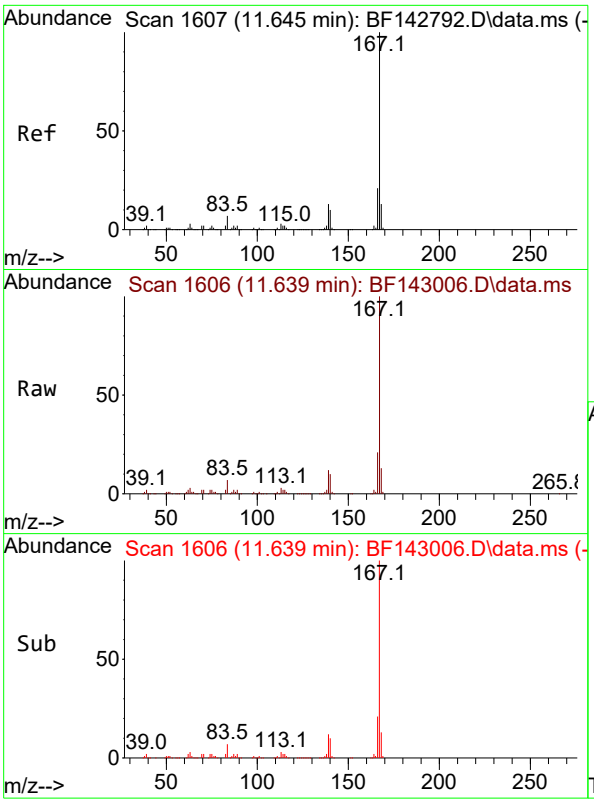


#72
Anthracene
Concen: 47.071 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:178 Resp: 493573

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.2	12.4	18.6



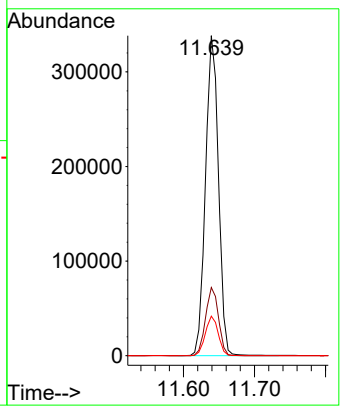


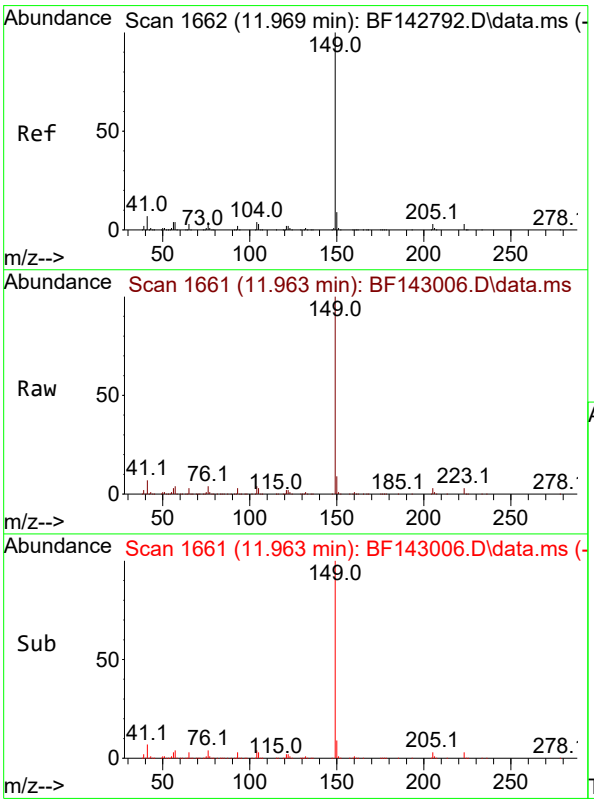
#73
Carbazole
Concen: 47.502 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:167 Resp: 429828

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	12.4	10.2	15.2

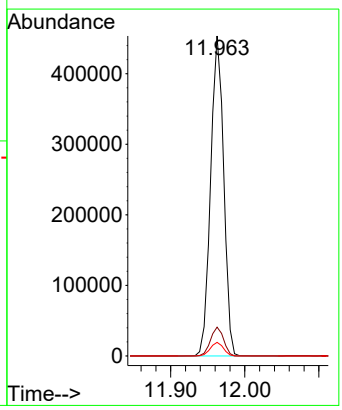


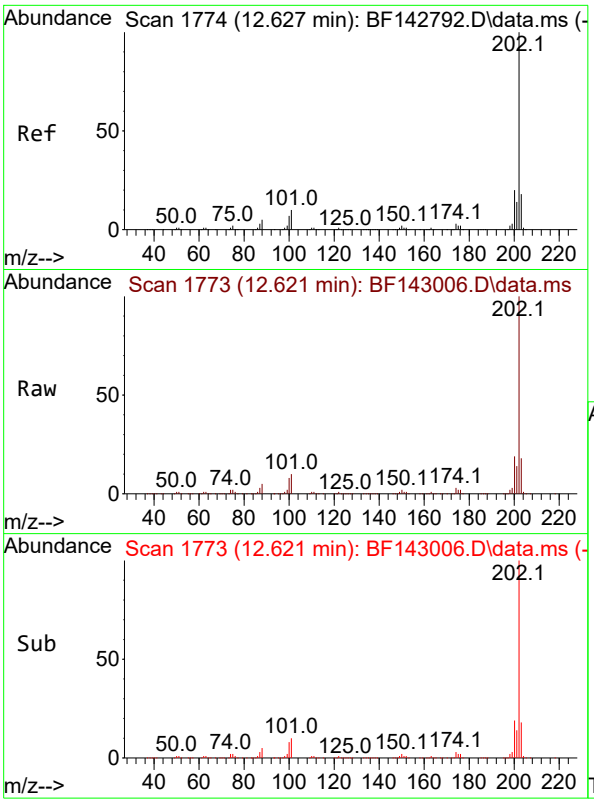


#74
Di-n-butylphthalate
Concen: 58.849 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:149 Resp: 554735

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.3	3.5	5.3



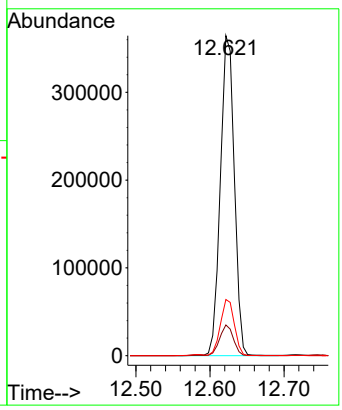


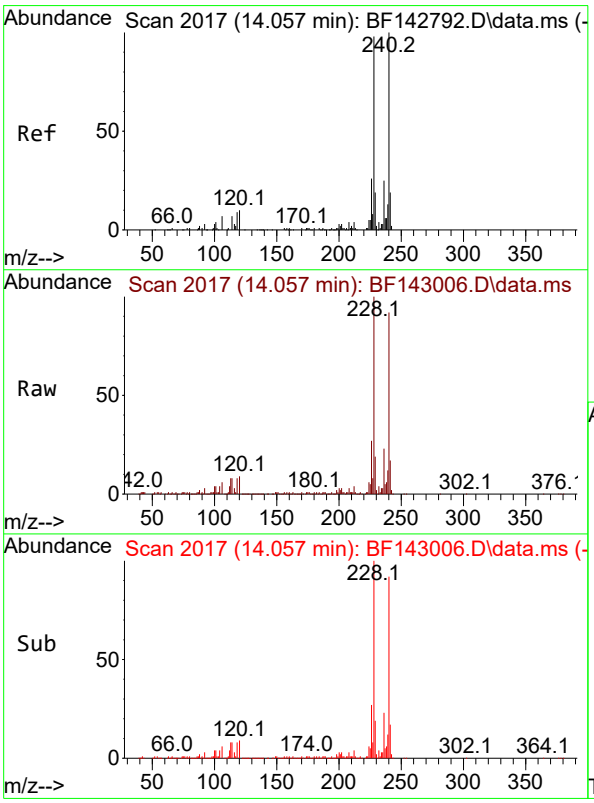
#75
Fluoranthene
Concen: 49.297 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:202 Resp: 478332

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.7
203	17.6	0.0	37.5

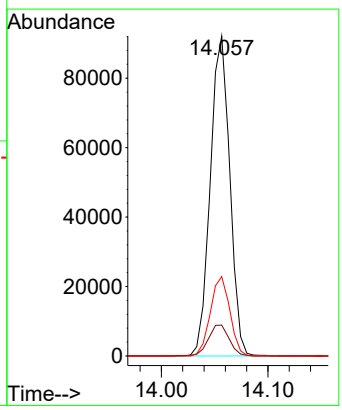


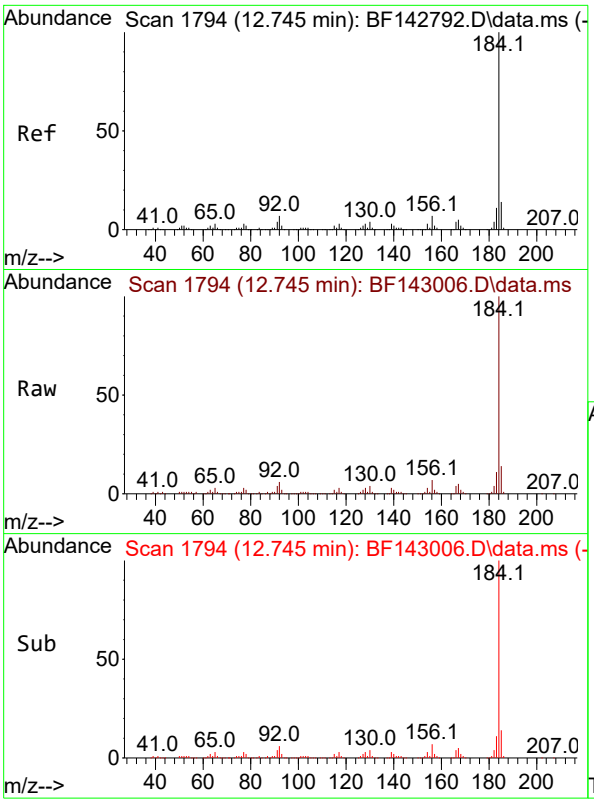


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:240 Resp: 117040

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.2	12.2
236	24.8	19.8	29.8



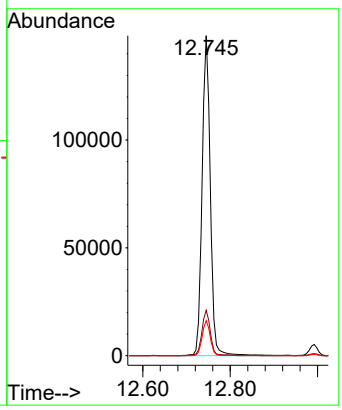


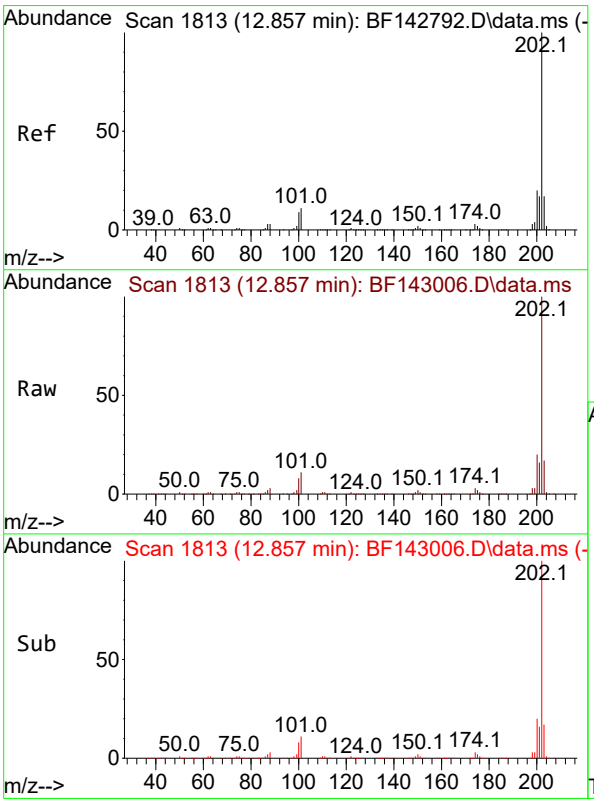
#77
Benzidine
Concen: 44.211 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:184 Resp: 194412

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	10.9	9.0	13.4

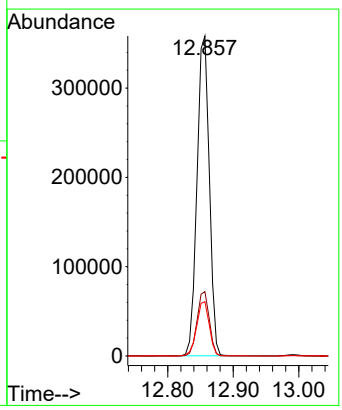


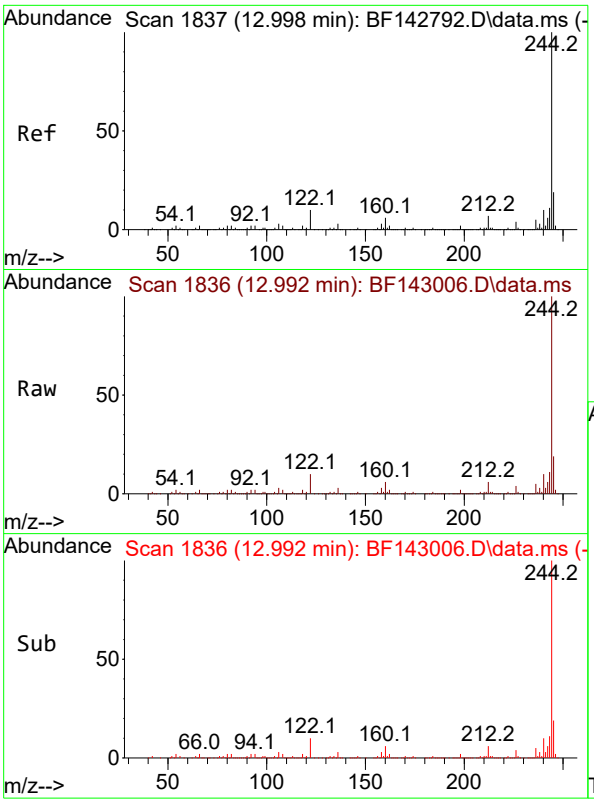


#78
Pyrene
Concen: 42.681 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:202 Resp: 468237

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.7	23.5
203	16.9	13.8	20.6



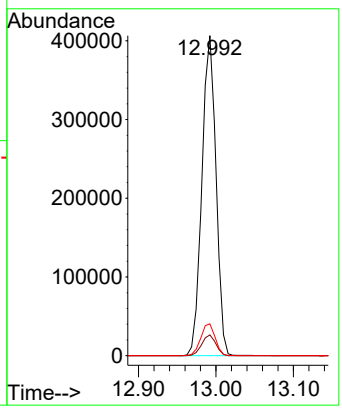


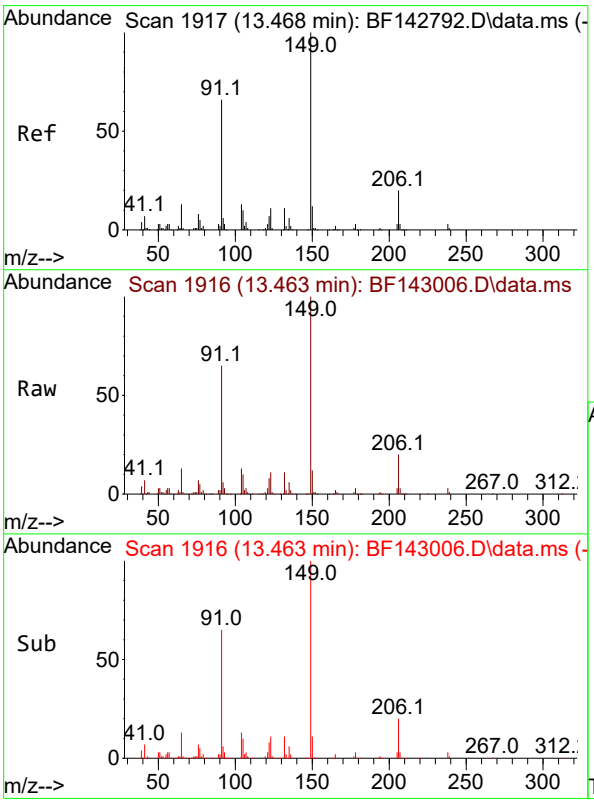
#79
Terphenyl-d14
Concen: 60.695 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:244 Resp: 514127

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.0	8.2	12.2

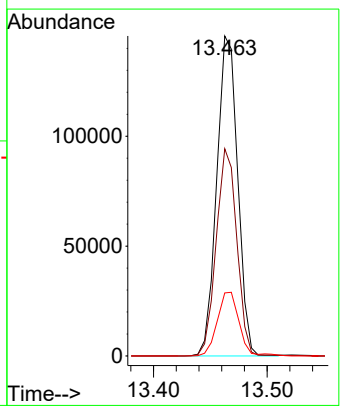


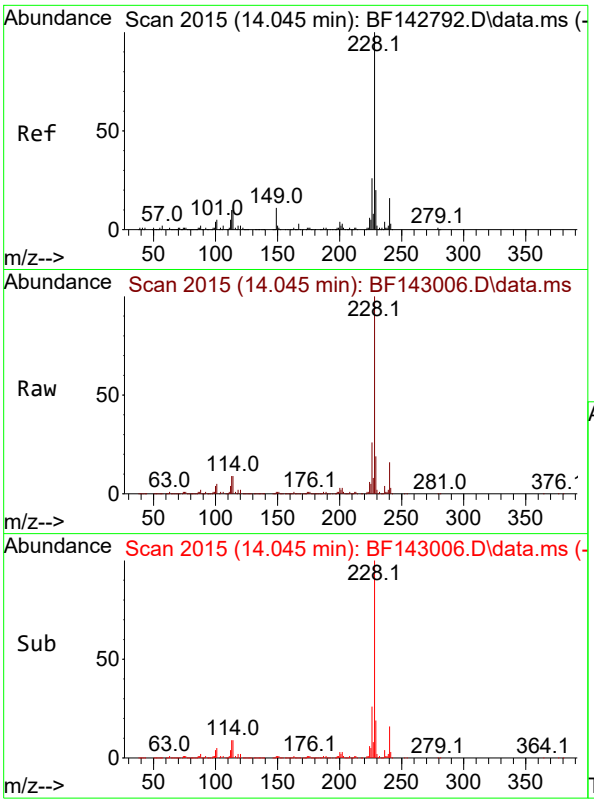


#80
Butylbenzylphthalate
Concen: 58.707 ng
RT: 13.463 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:149 Resp: 186821

Ion	Ratio	Lower	Upper
149	100		
91	64.8	52.9	79.3
206	19.7	16.3	24.5



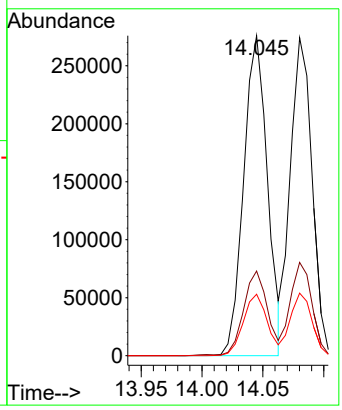


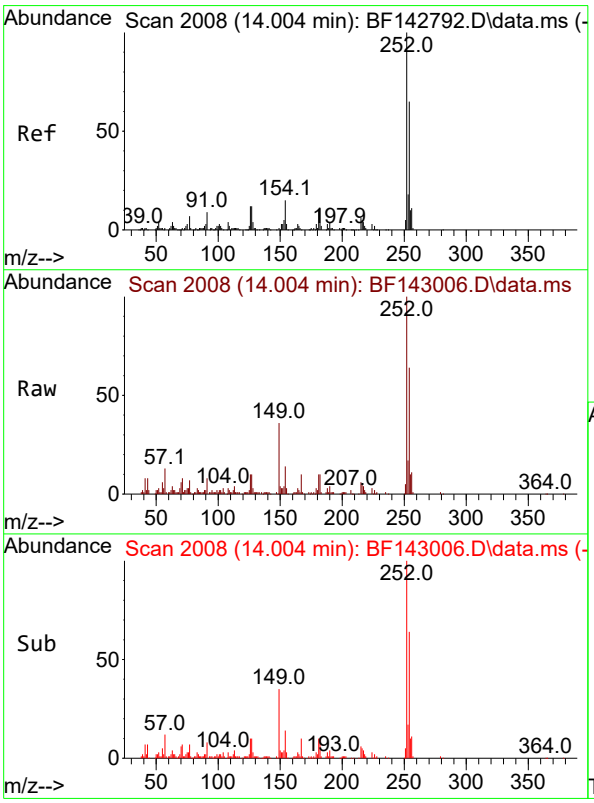
#81
Benzo(a)anthracene
Concen: 47.509 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:228 Resp: 375113

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.2	31.8
229	19.2	15.6	23.4

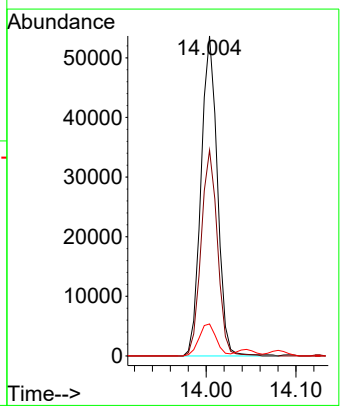


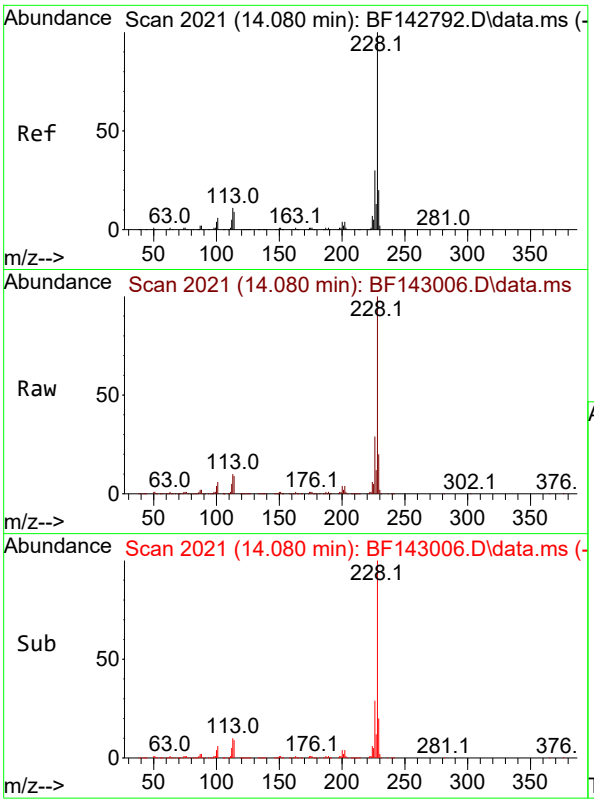


#82
3,3'-Dichlorobenzidine
Concen: 26.495 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:252 Resp: 67854

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.7	77.5
126	10.0	9.4	14.2



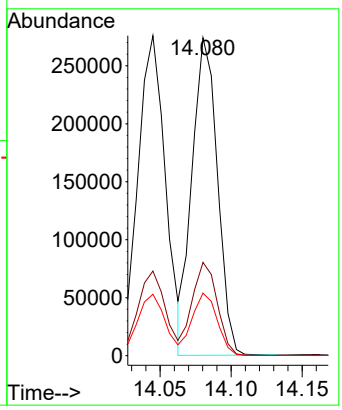


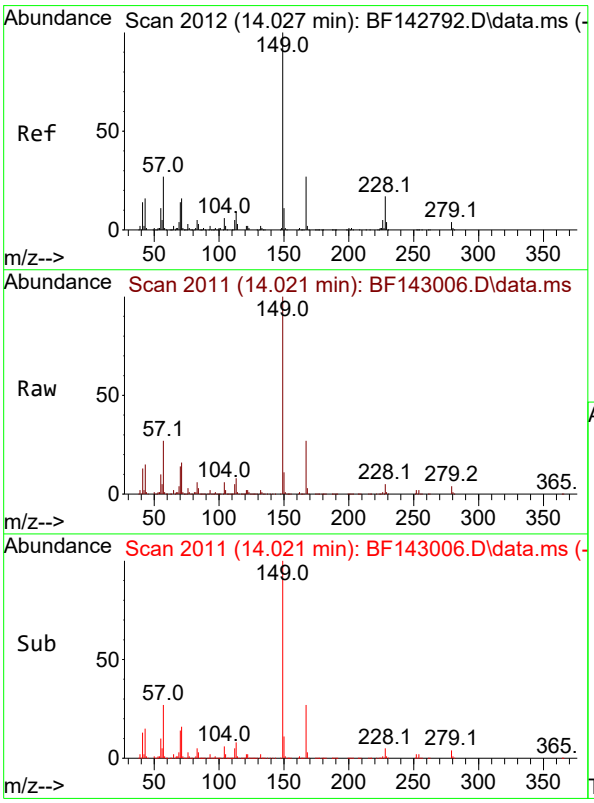
#83
Chrysene
Concen: 48.235 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:228 Resp: 339838

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	19.7	15.7	23.5

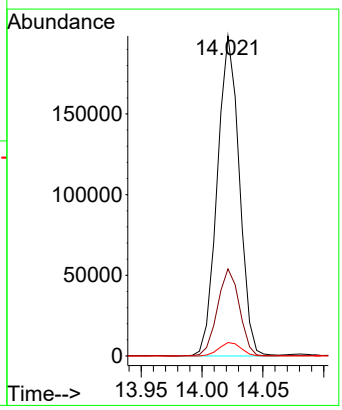


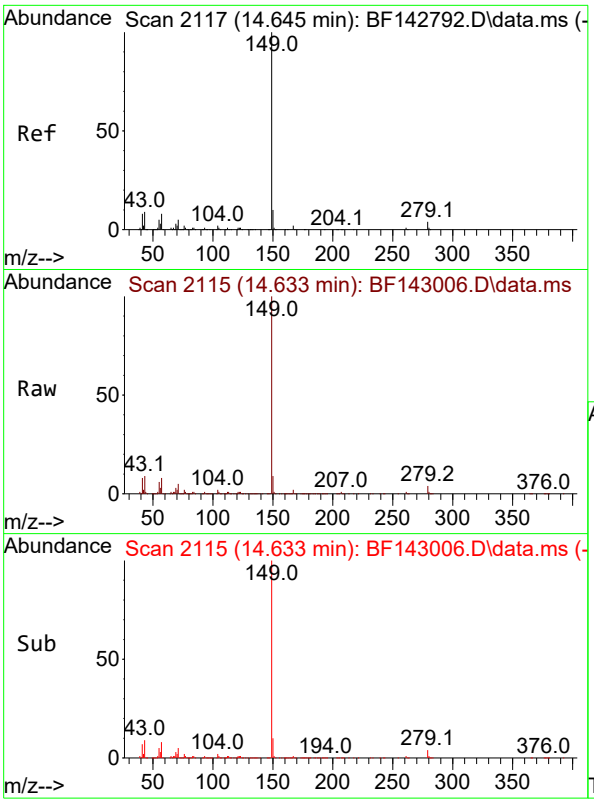


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.585 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:149 Resp: 249924

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.4	32.0
279	4.2	3.0	4.6



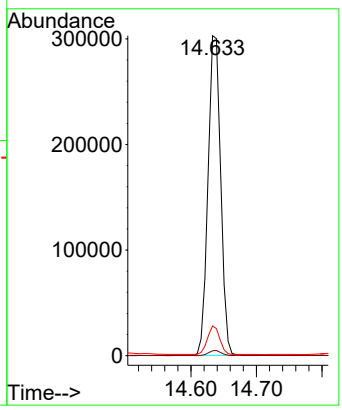


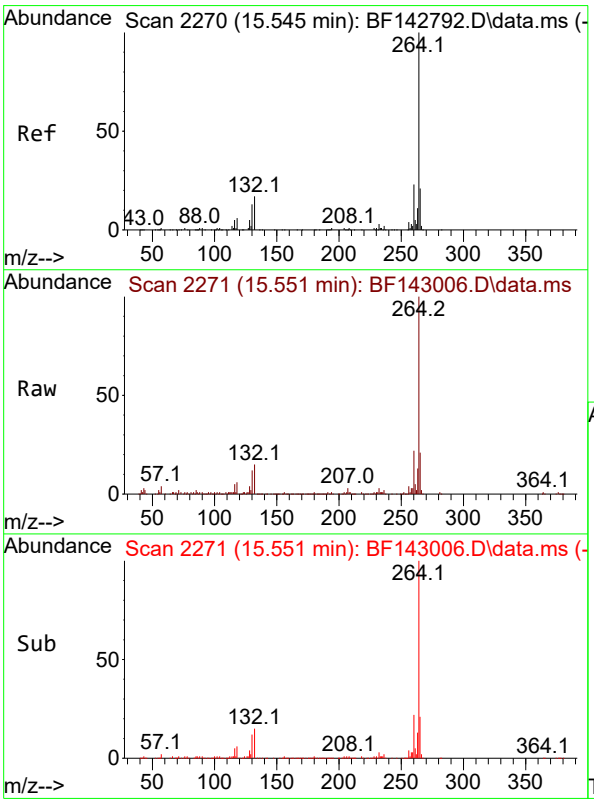
#85
Di-n-octyl phthalate
Concen: 47.184 ng
RT: 14.633 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:149 Resp: 407369

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.6	7.6	11.4

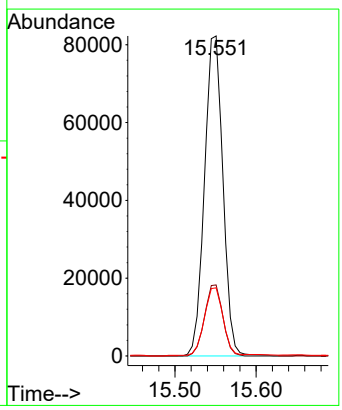


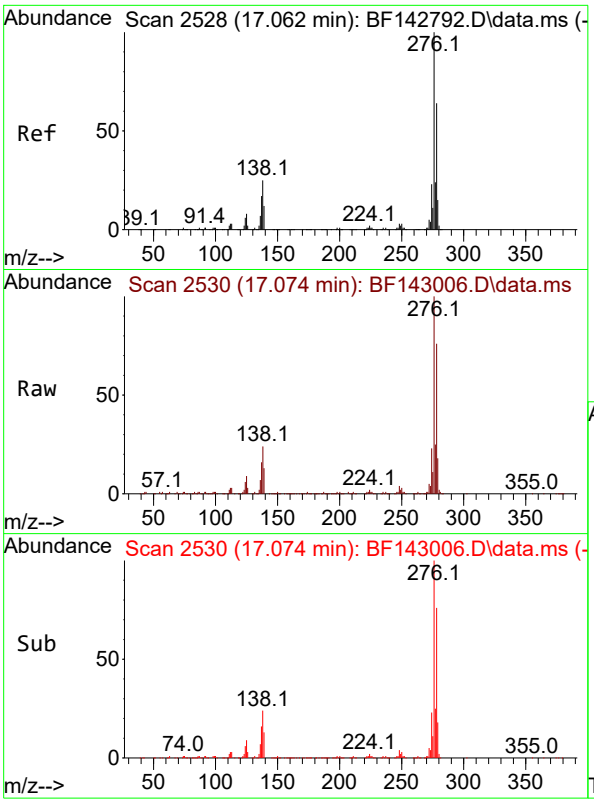


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:264 Resp: 129347

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.1	27.1
265	21.3	16.6	25.0



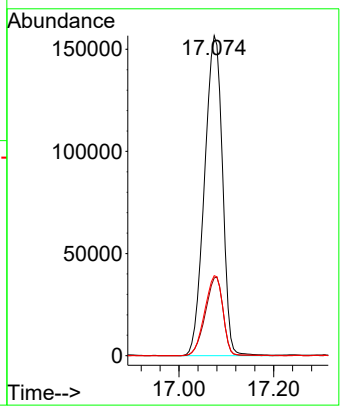


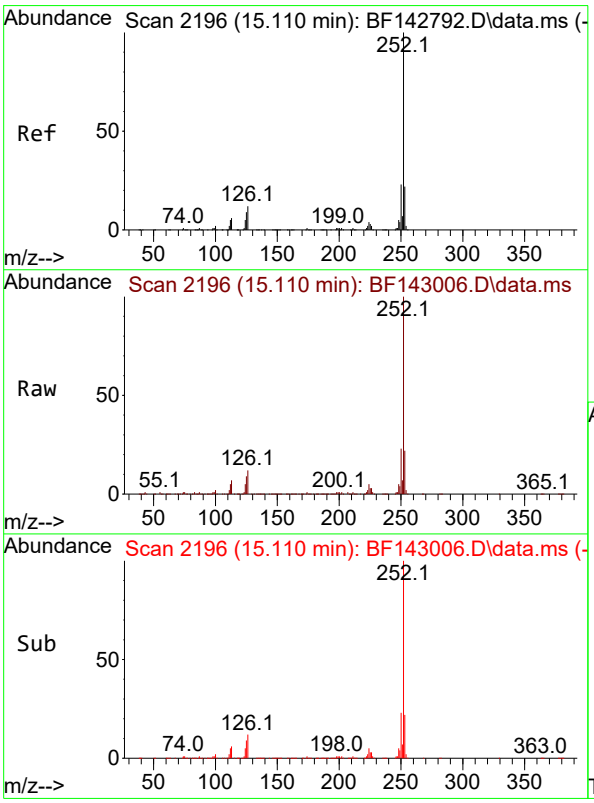
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.833 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:276 Resp: 412153

Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.2	30.4
277	25.3	19.8	29.6

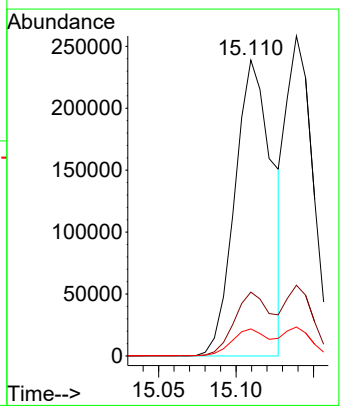


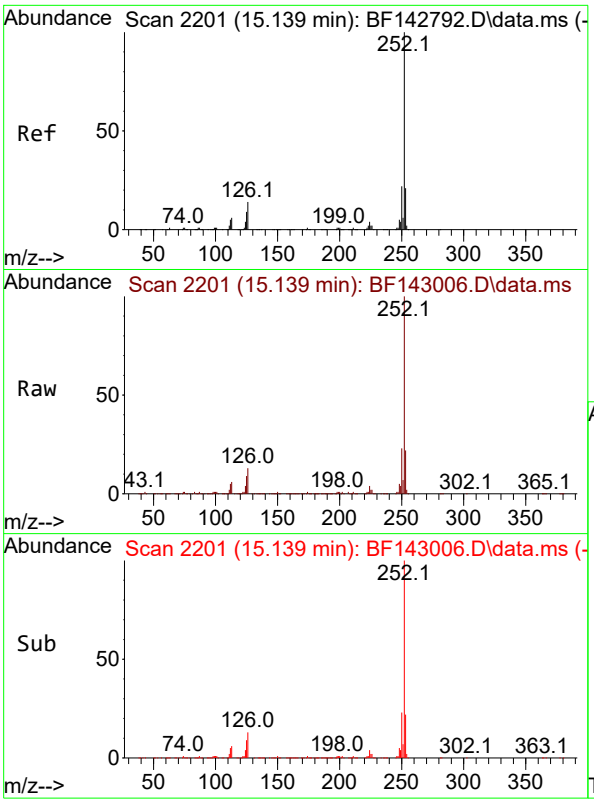


#88
Benzo(b)fluoranthene
Concen: 53.514 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:252 Resp: 400532

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.2	7.4	11.0



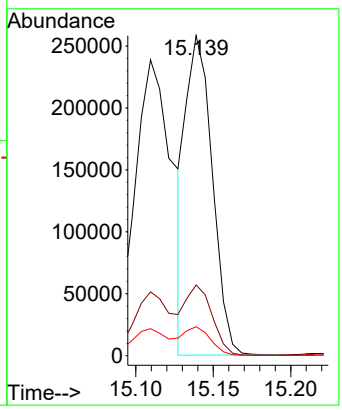


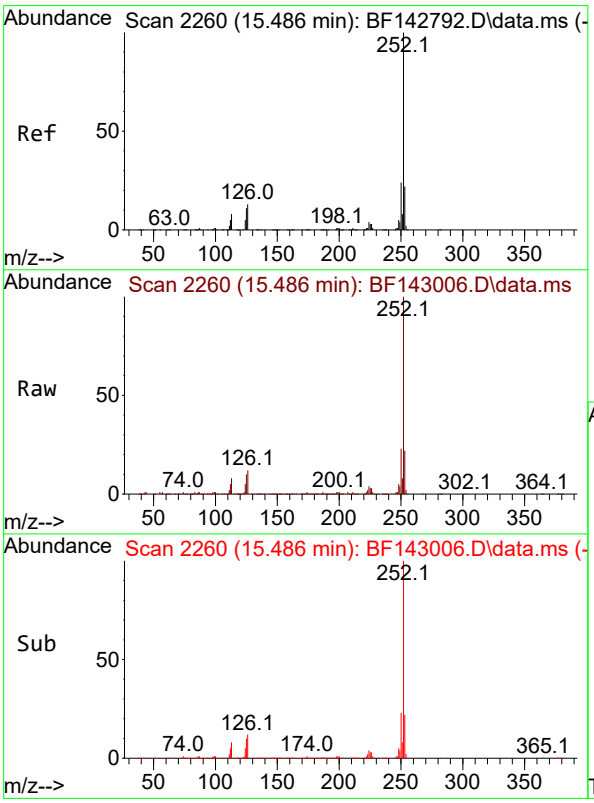
#89
Benzo(k)fluoranthene
Concen: 43.897 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:252 Resp: 307386

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.1	7.4	11.2

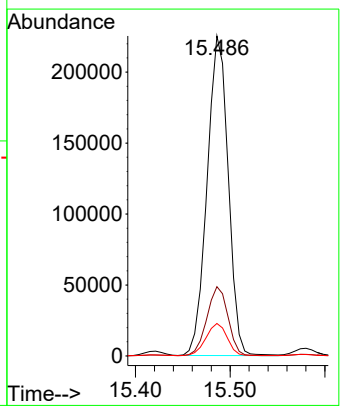


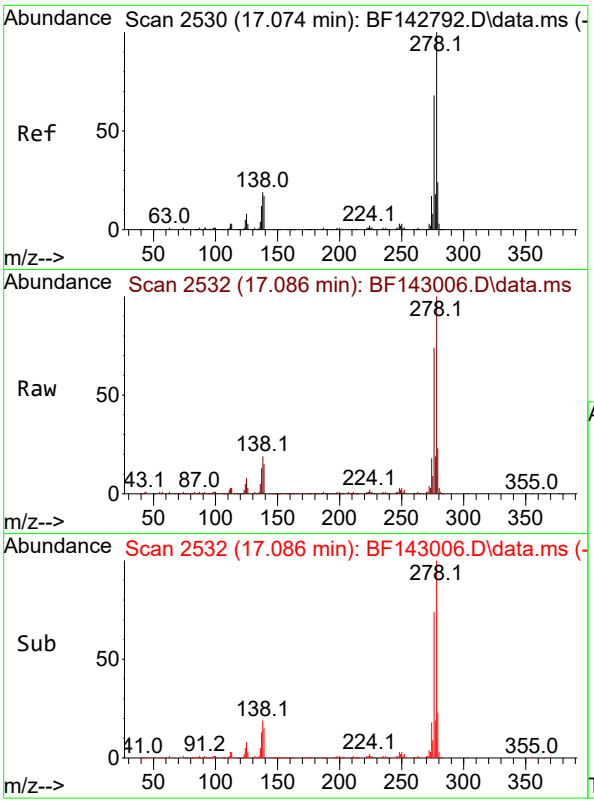


#90
Benzo(a)pyrene
Concen: 48.180 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:252 Resp: 348369

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.2	8.6	12.8



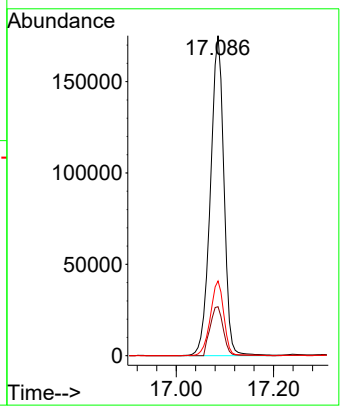


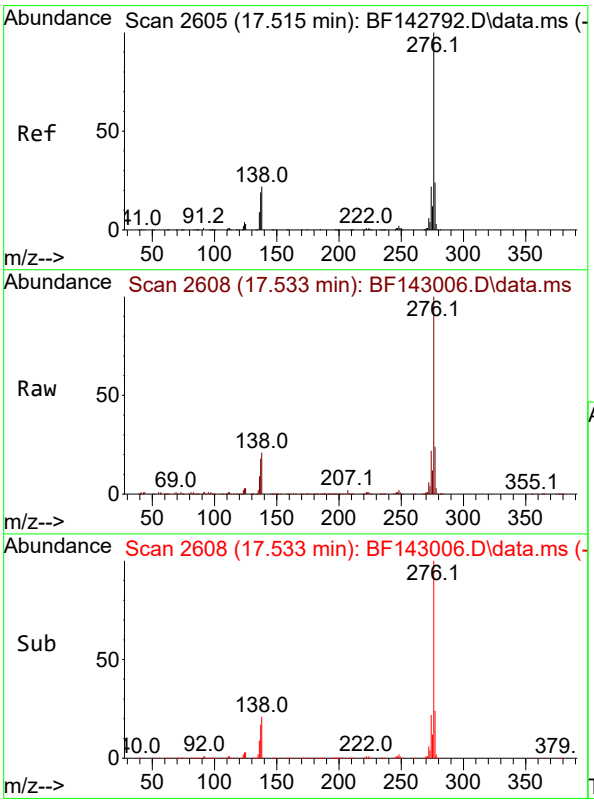
#91
Dibenzo(a,h)anthracene
Concen: 41.954 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
WC-11MS

Tgt Ion:278 Resp: 335846

Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.5	20.3
279	23.3	18.8	28.2

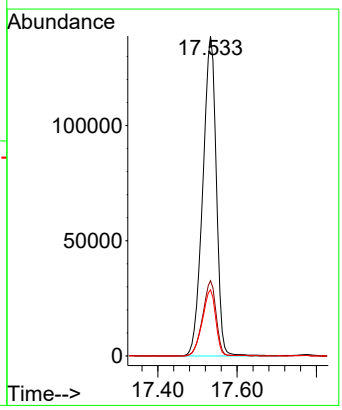




#92
Benzo(g,h,i)perylene
Concen: 41.163 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF143006.D
Acq: 07 Jul 2025 13:47

Tgt Ion:276 Resp: 328580

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.6	17.6	26.4



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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/02/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/02/25
Client Sample ID:	WC-11MSD	SDG No.:	Q2487
Lab Sample ID:	Q2493-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.7
Sample Wt/Vol:	50.06 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
BF143007.D	1	07/03/25 09:00	07/07/25 14:17	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1000		110	220	ug/Kg
108-95-2	Phenol	900		14.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	940		16.4	110	ug/Kg
95-57-8	2-Chlorophenol	940		16.5	110	ug/Kg
95-48-7	2-Methylphenol	920		20.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	860		25.3	110	ug/Kg
98-86-2	Acetophenone	1000		19.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	950		27.8	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	950		32.0	54.1	ug/Kg
67-72-1	Hexachloroethane	940		11.9	110	ug/Kg
98-95-3	Nitrobenzene	980		12.4	110	ug/Kg
78-59-1	Isophorone	980		22.2	110	ug/Kg
88-75-5	2-Nitrophenol	1000		39.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	960		43.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	980		20.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	980		19.1	110	ug/Kg
91-20-3	Naphthalene	960		15.3	110	ug/Kg
106-47-8	4-Chloroaniline	280		23.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		17.1	110	ug/Kg
105-60-2	Caprolactam	1100		35.2	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	990		19.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	970		17.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		78.4	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	950		13.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	940		19.7	110	ug/Kg
92-52-4	1,1-Biphenyl	990		14.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	980		15.2	110	ug/Kg
88-74-4	2-Nitroaniline	970		32.5	110	ug/Kg
131-11-3	Dimethylphthalate	1000		18.3	110	ug/Kg

Raw Data: **BF143007.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/02/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/02/25
Client Sample ID:	WC-11MSD	SDG No.:	Q2487
Lab Sample ID:	Q2493-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.7
Sample Wt/Vol:	50.06 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
BF143007.D	1	07/03/25 09:00	07/07/25 14:17	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	970		19.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		22.7	110	ug/Kg
99-09-2	3-Nitroaniline	530		31.1	110	ug/Kg
83-32-9	Acenaphthene	1100		14.4	110	ug/Kg
51-28-5	2,4-Dinitrophenol	2100	E	150	220	ug/Kg
100-02-7	4-Nitrophenol	1600		72.3	220	ug/Kg
132-64-9	Dibenzofuran	970		15.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		33.8	110	ug/Kg
84-66-2	Diethylphthalate	1100		19.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		18.0	110	ug/Kg
86-73-7	Fluorene	980		17.1	110	ug/Kg
100-01-6	4-Nitroaniline	1000		43.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		69.6	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		22.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		18.8	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		17.1	110	ug/Kg
1912-24-9	Atrazine	1200		23.0	110	ug/Kg
87-86-5	Pentachlorophenol	1700		34.7	220	ug/Kg
85-01-8	Phenanthrene	990		14.1	110	ug/Kg
120-12-7	Anthracene	1000		22.5	110	ug/Kg
86-74-8	Carbazole	1000		21.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		32.4	110	ug/Kg
206-44-0	Fluoranthene	1000		20.3	110	ug/Kg
129-00-0	Pyrene	910		24.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		48.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	570		24.8	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		15.5	110	ug/Kg
218-01-9	Chrysene	1000		13.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		40.0	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		58.6	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		12.8	110	ug/Kg

Raw Data: **BF143007.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/02/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/02/25
Client Sample ID:	WC-11MSD	SDG No.:	Q2487
Lab Sample ID:	Q2493-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.7
Sample Wt/Vol:	50.06 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
BF143007.D	1	07/03/25 09:00	07/07/25 14:17	PB168722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	980		15.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	1000		19.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890		19.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890		18.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870		17.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	990		17.3	110	ug/Kg
123-91-1	1,4-Dioxane	790		30.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950		18.5	110	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	92.2		18 - 112	61%	SPK: 150
13127-88-3	Phenol-d6	93.7		15 - 107	62%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.1		18 - 107	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.6		20 - 109	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	99.0		10 - 116	66%	SPK: 150
1718-51-0	Terphenyl-d14	57.7		10 - 105	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	64600	6.875			
1146-65-2	Naphthalene-d8	236000	8.157			
15067-26-2	Acenaphthene-d10	122000	9.916			
1517-22-2	Phenanthrene-d10	195000	11.41			
1719-03-5	Chrysene-d12	121000	14.057			
1520-96-3	Perylene-d12	137000	15.551			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143007.D
Acq On : 07 Jul 2025 14:17
Operator : RC/JU
Sample : Q2493-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Quant Time: Jul 07 14:37:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	64606	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	236179	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	121582	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	195379	20.000	ng		0.00
76) Chrysene-d12	14.057	240	121256	20.000	ng		0.00
86) Perylene-d12	15.551	264	136589	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	357865	92.223	ng		0.01
7) Phenol-d6	6.510	99	428961	93.698	ng		0.00
23) Nitrobenzene-d5	7.439	82	263155	61.116	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	123876	99.009	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	542376	58.603	ng		-0.01
79) Terphenyl-d14	12.992	244	506622	57.729	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	54616	35.189	ng		99
3) Pyridine	3.469	79	147585	37.930	ng		98
4) n-Nitrosodimethylamine	3.422	42	80661	40.088	ng		98
6) Aniline	6.539	93	178248	29.261	ng	#	87
8) 2-Chlorophenol	6.663	128	175190	41.853	ng		98
9) Benzaldehyde	6.428	77	122951	45.267	ng		100
10) Phenol	6.528	94	203759	40.040	ng		84
11) bis(2-Chloroethyl)ether	6.610	93	152443	41.913	ng		97
12) 1,3-Dichlorobenzene	6.816	146	195346	41.728	ng		100
13) 1,4-Dichlorobenzene	6.892	146	197100	41.731	ng		100
14) 1,2-Dichlorobenzene	7.045	146	186817	41.701	ng		99
15) Benzyl Alcohol	7.022	79	139879	42.264	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	224407	38.402	ng		74
17) 2-Methylphenol	7.134	107	129901	40.951	ng		97
18) Hexachloroethane	7.386	117	69049	41.796	ng		96
19) n-Nitroso-di-n-propyla...	7.286	70	112902	42.402	ng		98
20) 3+4-Methylphenols	7.286	107	167055	42.238	ng		93
22) Acetophenone	7.286	105	231299	44.411	ng		99
24) Nitrobenzene	7.457	77	168895	43.338	ng		99
25) Isophorone	7.698	82	299867	43.413	ng		99
26) 2-Nitrophenol	7.775	139	95184	44.835	ng		99
27) 2,4-Dimethylphenol	7.816	122	156379	42.525	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	190971	43.488	ng		99
29) 2,4-Dichlorophenol	8.022	162	144863	43.446	ng		100
30) 1,2,4-Trichlorobenzene	8.098	180	157204	42.876	ng		100
31) Naphthalene	8.181	128	493129	42.656	ng		99
32) Benzoic acid	7.939	122	78539	41.903	ng		98
33) 4-Chloroaniline	8.233	127	57503	12.233	ng		98
34) Hexachlorobutadiene	8.292	225	99883	44.537	ng		99
35) Caprolactam	8.604	113	42185	47.945	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	145424	43.885	ng		99
37) 2-Methylnaphthalene	8.875	142	310236	43.286	ng		99
38) 1-Methylnaphthalene	8.975	142	323024	43.538	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	158122	44.076	ng		100
41) Hexachlorocyclopentadiene	9.027	237	137672	67.625	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	98368	42.079	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143007.D
Acq On : 07 Jul 2025 14:17
Operator : RC/JU
Sample : Q2493-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Quant Time: Jul 07 14:37:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

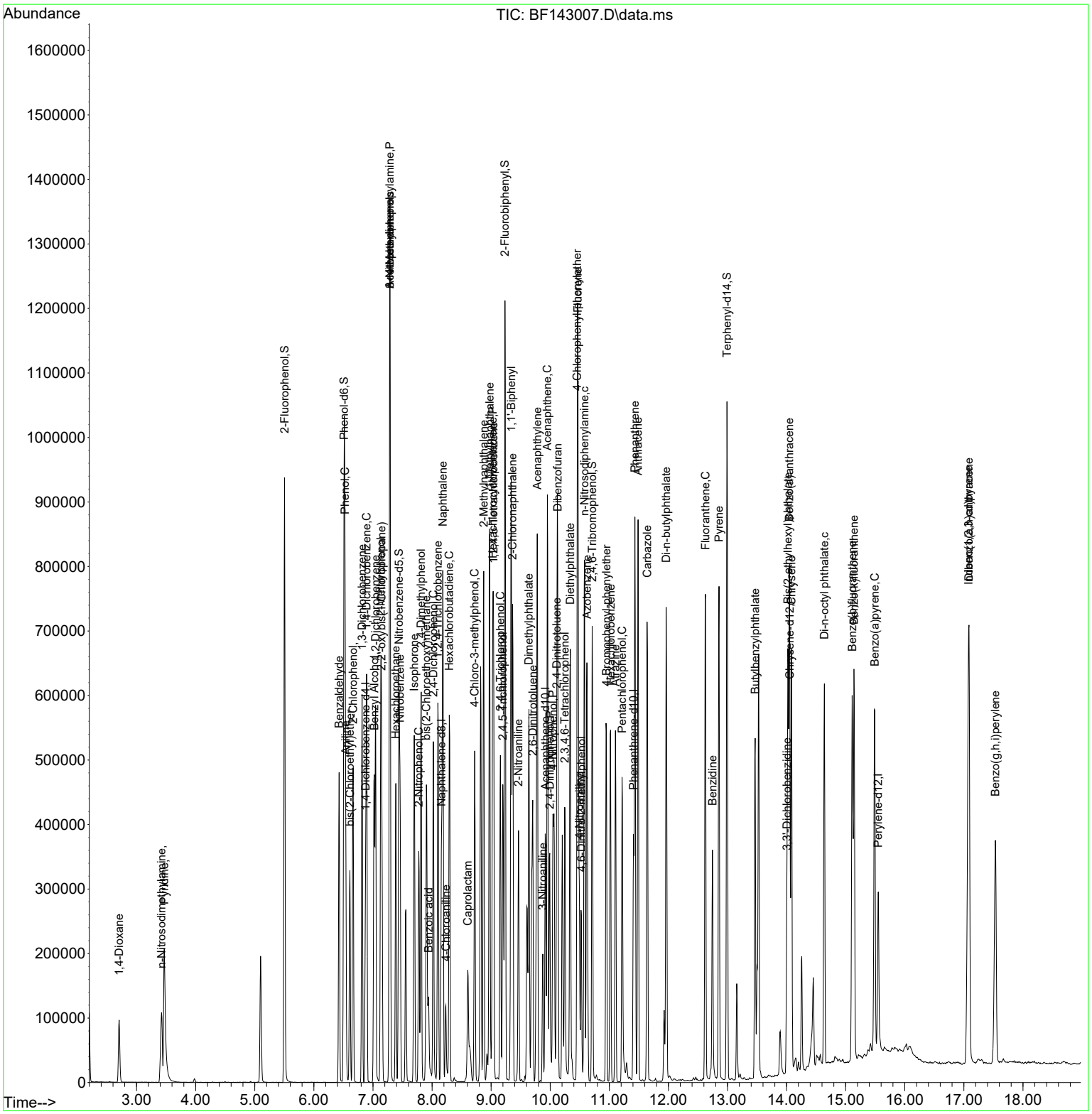
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	102235	41.545	ng	98
46) 1,1'-Biphenyl	9.339	154	422277	43.967	ng	100
47) 2-Chloronaphthalene	9.363	162	312713	43.388	ng	99
48) 2-Nitroaniline	9.463	65	87120	43.116	ng	95
49) Acenaphthylene	9.780	152	513656	43.292	ng	100
50) Dimethylphthalate	9.639	163	361051	45.877	ng	100
51) 2,6-Dinitrotoluene	9.704	165	78787	45.585	ng	98
52) Acenaphthene	9.951	154	344922m	47.648	ng	
53) 3-Nitroaniline	9.875	138	44472	23.371	ng	99
54) 2,4-Dinitrophenol	9.992	184	79158	91.469	ng	94
55) Dibenzofuran	10.127	168	447994	43.157	ng	99
56) 4-Nitrophenol	10.045	139	95299	73.153	ng	98
57) 2,4-Dinitrotoluene	10.110	165	105804	46.087	ng	97
58) Fluorene	10.469	166	352523	43.483	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	83547	42.119	ng	94
60) Diethylphthalate	10.339	149	366072	47.440	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	173673	44.893	ng	99
62) 4-Nitroaniline	10.492	138	77303	44.418	ng	98
63) Azobenzene	10.622	77	328329	47.607	ng	94
65) 4,6-Dinitro-2-methylph...	10.527	198	56463	47.778	ng	96
66) n-Nitrosodiphenylamine	10.580	169	304172	44.920	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	102759	46.213	ng	98
68) Hexachlorobenzene	11.022	284	111659	45.192	ng	96
69) Atrazine	11.104	200	94224	53.886	ng	99
70) Pentachlorophenol	11.216	266	93337	75.810	ng	99
71) Phenanthrene	11.433	178	466946	44.119	ng	99
72) Anthracene	11.486	178	483681	44.560	ng	99
73) Carbazole	11.639	167	423583	45.221	ng	100
74) Di-n-butylphthalate	11.963	149	538929	55.229	ng	100
75) Fluoranthene	12.627	202	457235	45.521	ng	99
77) Benzidine	12.745	184	201566	44.245	ng	99
78) Pyrene	12.857	202	458121	40.307	ng	99
80) Butylbenzylphthalate	13.468	149	186108	56.449	ng	96
81) Benzo(a)anthracene	14.045	228	369312	45.148	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	67741	25.531	ng	98
83) Chrysene	14.080	228	331148	45.368	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	250667	52.844	ng	99
85) Di-n-octyl phthalate	14.639	149	407697	45.580	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	413329	39.728	ng	98
88) Benzo(b)fluoranthene	15.109	252	386178	48.861	ng	99
89) Benzo(k)fluoranthene	15.139	252	320791	43.383	ng	100
90) Benzo(a)pyrene	15.492	252	351129	45.987	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	335241	39.658	ng	98
92) Benzo(g,h,i)perylene	17.533	276	326298	38.710	ng	98

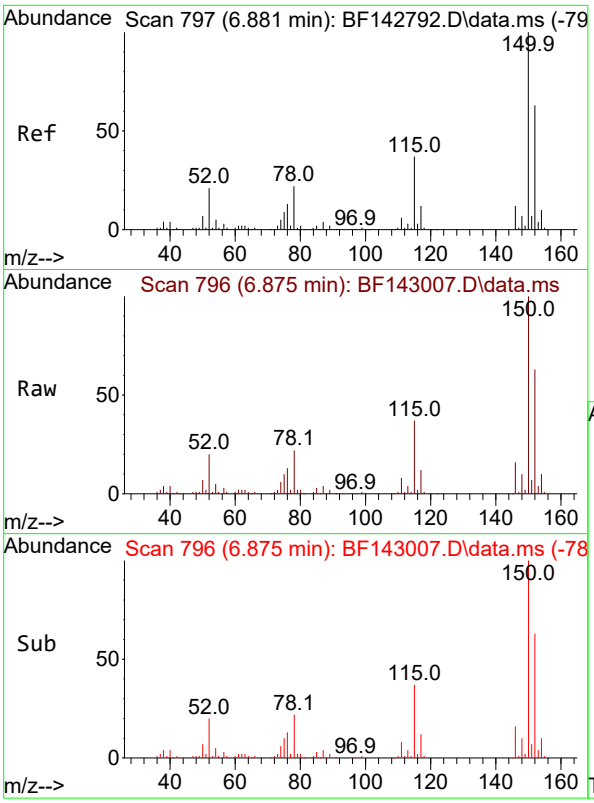
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143007.D
Acq On : 07 Jul 2025 14:17
Operator : RC/JU
Sample : Q2493-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Quant Time: Jul 07 14:37:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



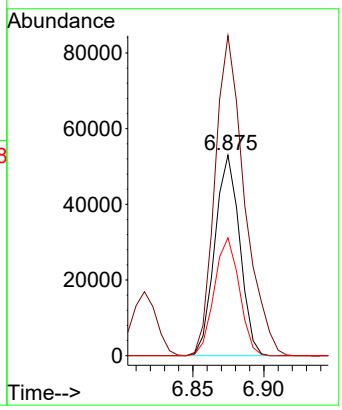


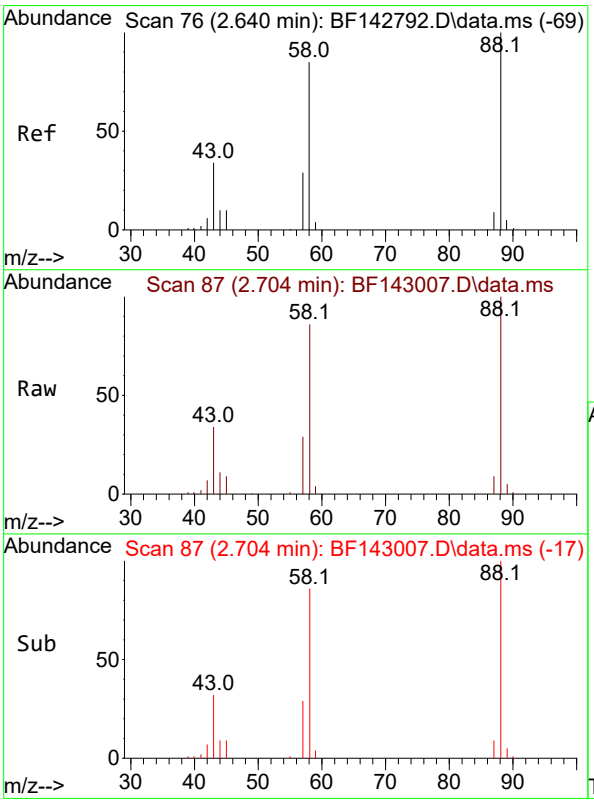
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:152 Resp: 64606

Ion	Ratio	Lower	Upper
152	100		
150	159.6	127.2	190.8
115	58.8	46.6	69.8

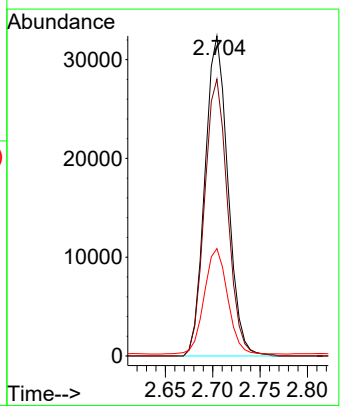


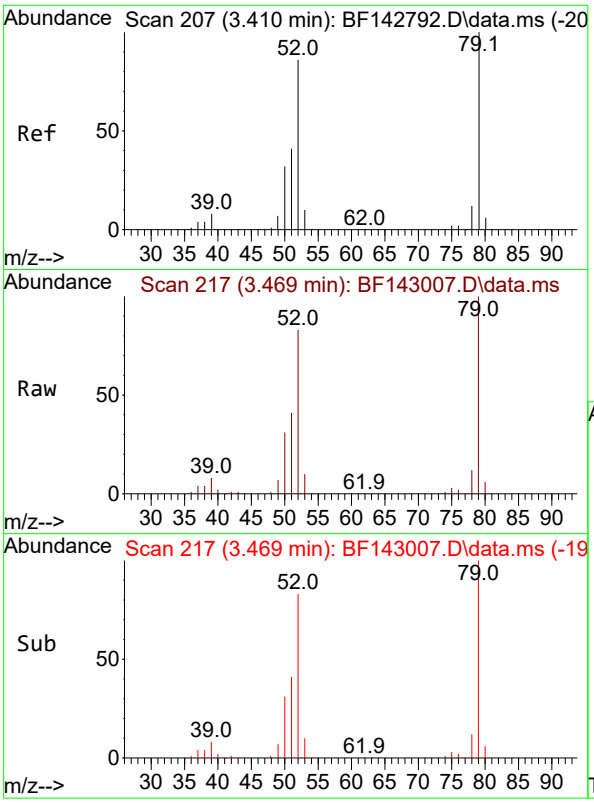


#2
1,4-Dioxane
Concen: 35.189 ng
RT: 2.704 min Scan# 87
Delta R.T. 0.065 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 88 Resp: 54616

Ion	Ratio	Lower	Upper
88	100		
58	86.9	69.1	103.7
43	33.6	27.4	41.2



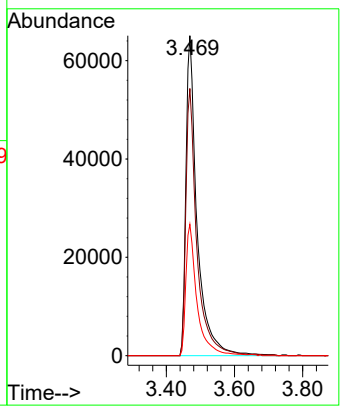


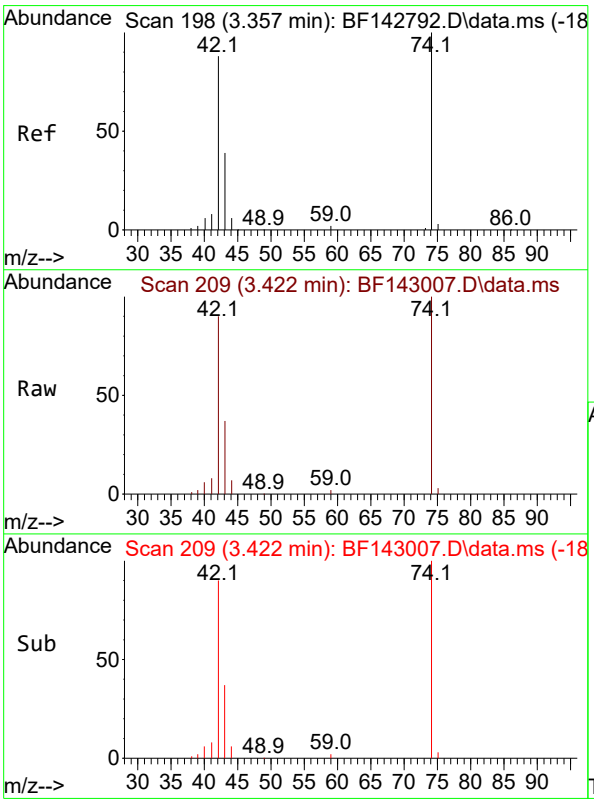
#3
Pyridine
Concen: 37.930 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion: 79 Resp: 147585

Ion	Ratio	Lower	Upper
79	100		
52	83.5	69.2	103.8
51	41.0	33.2	49.8

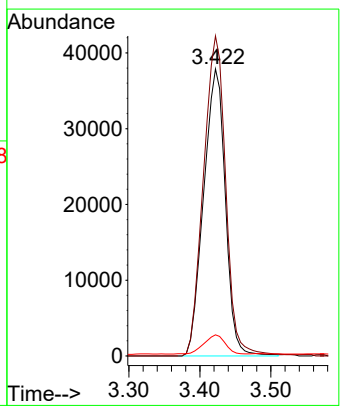


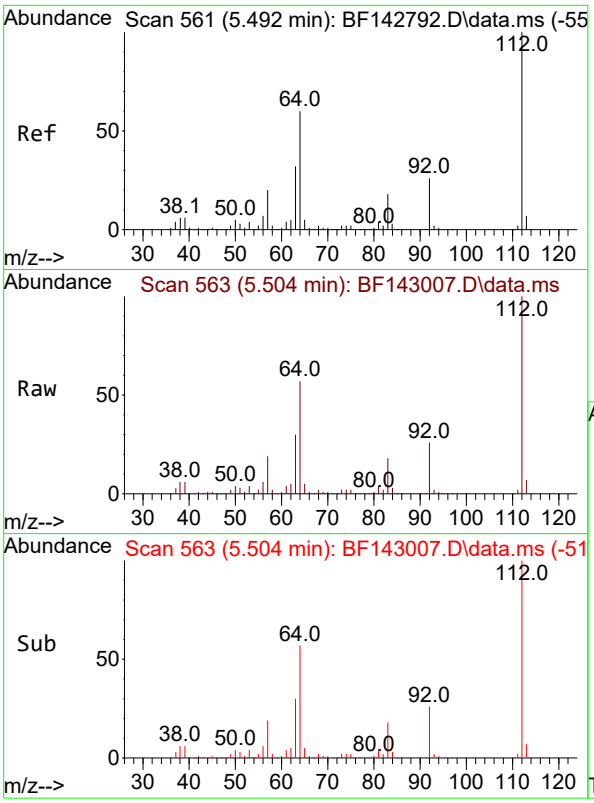


#4
n-Nitrosodimethylamine
Concen: 40.088 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 42 Resp: 80661

Ion	Ratio	Lower	Upper
42	100		
74	111.5	90.9	136.3
44	7.3	5.8	8.6



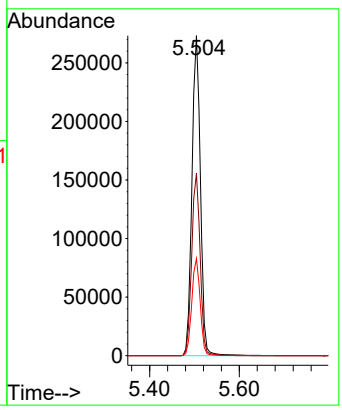


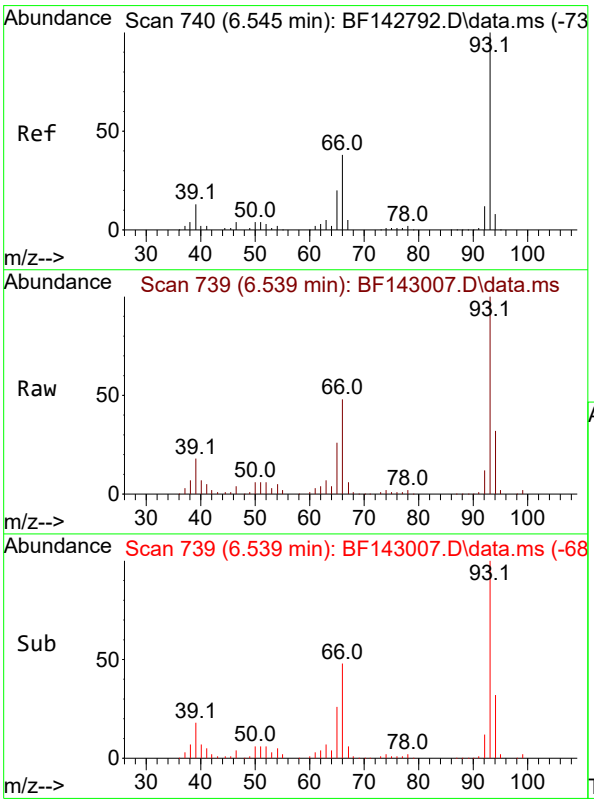
#5
2-Fluorophenol
Concen: 92.223 ng
RT: 5.504 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:112 Resp: 357865

Ion	Ratio	Lower	Upper
112	100		
64	57.0	48.2	72.2
63	30.4	25.7	38.5

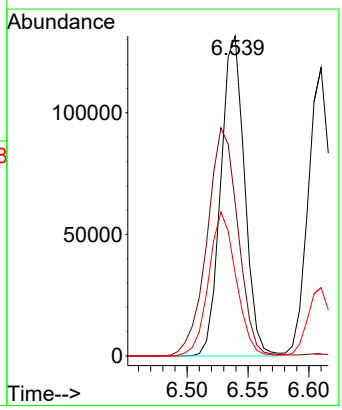


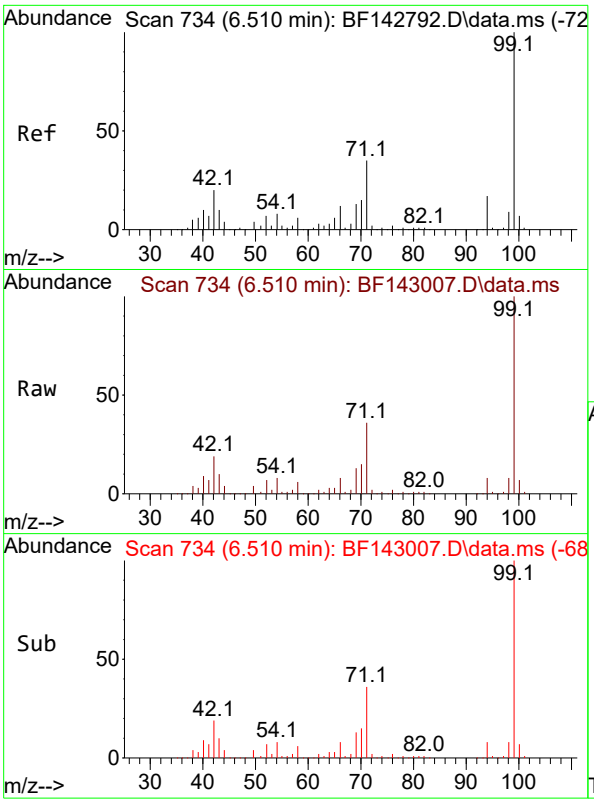


#6
Aniline
Concen: 29.261 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 93 Resp: 178248

Ion	Ratio	Lower	Upper
93	100		
66	48.0	31.8	47.6#
65	25.9	16.2	24.2#



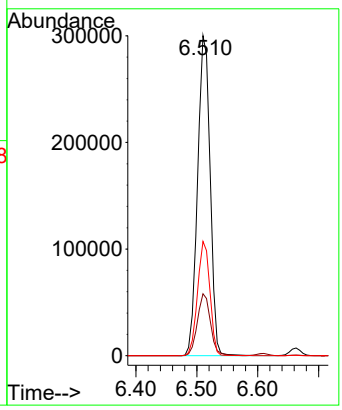


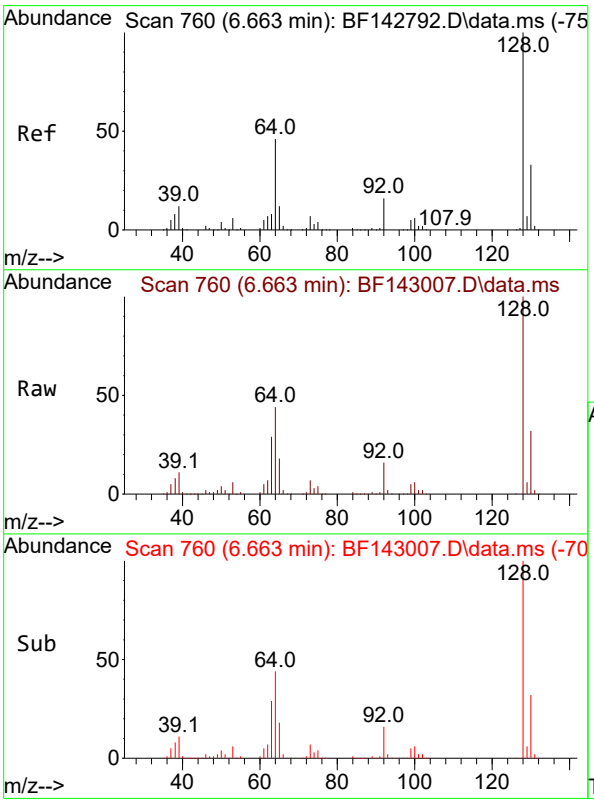
#7
Phenol-d6
Concen: 93.698 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion: 99 Resp: 428961

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.9	23.9
71	35.7	27.8	41.8

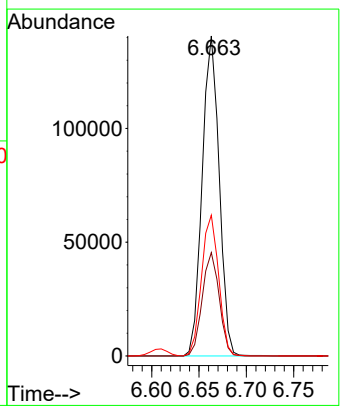


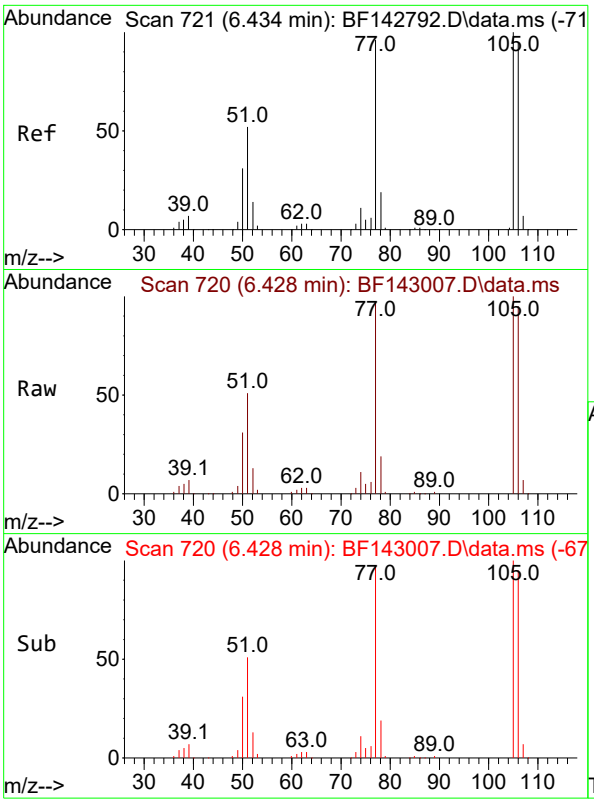


#8
2-Chlorophenol
Concen: 41.853 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:128 Resp: 175190

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.7	52.7
64	44.0	26.5	66.5



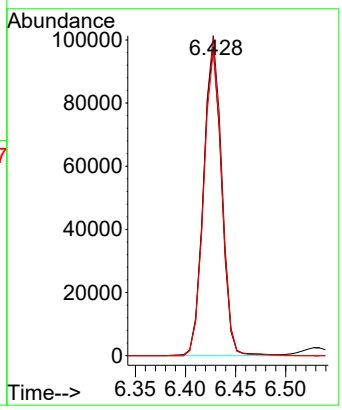


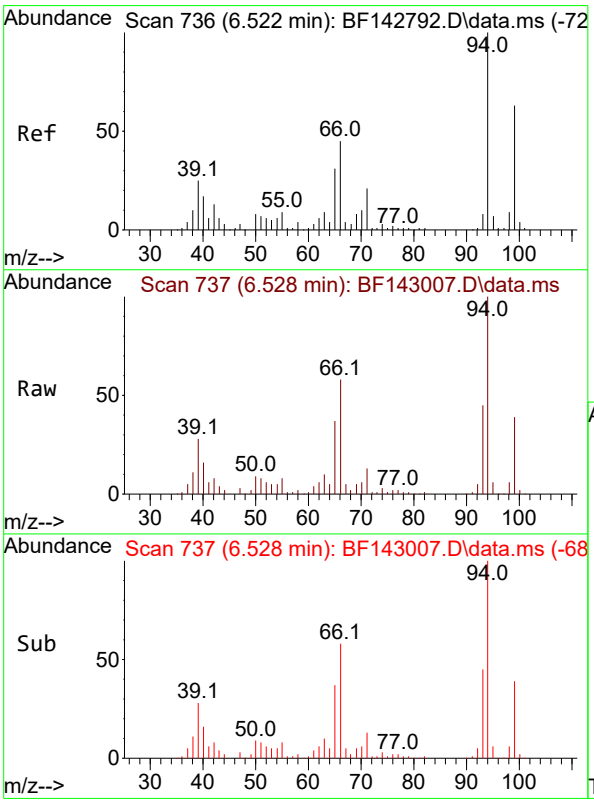
#9
Benzaldehyde
Concen: 45.267 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion: 77 Resp: 122951

Ion	Ratio	Lower	Upper
77	100		
105	103.6	83.8	123.8
106	98.4	78.7	118.7

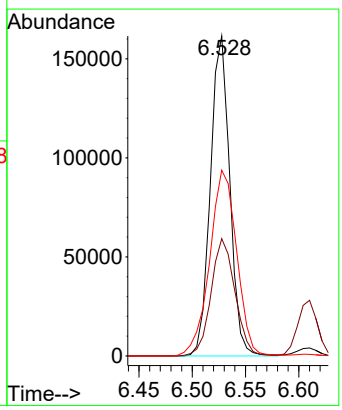


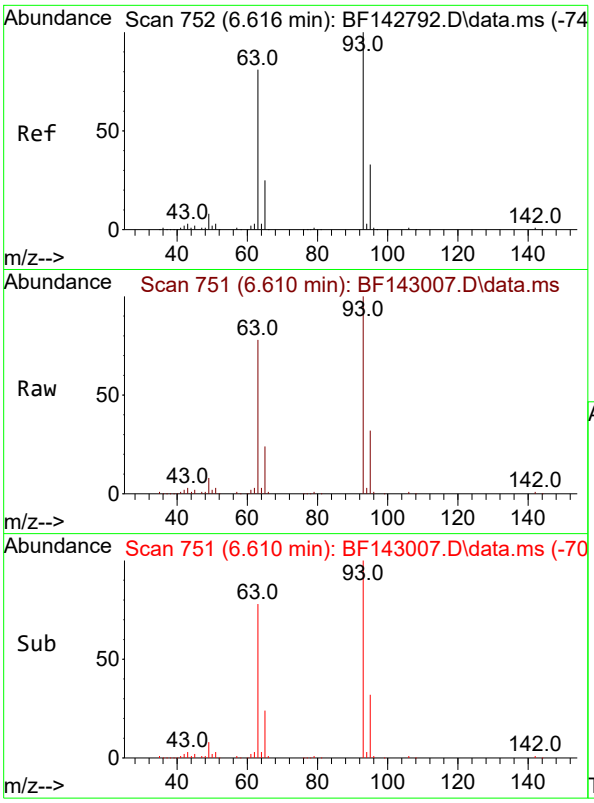


#10
Phenol
Concen: 40.040 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 94 Resp: 203759

Ion	Ratio	Lower	Upper
94	100		
65	36.6	11.3	51.3
66	58.1	24.9	64.9



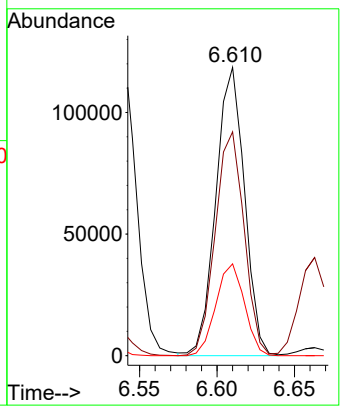


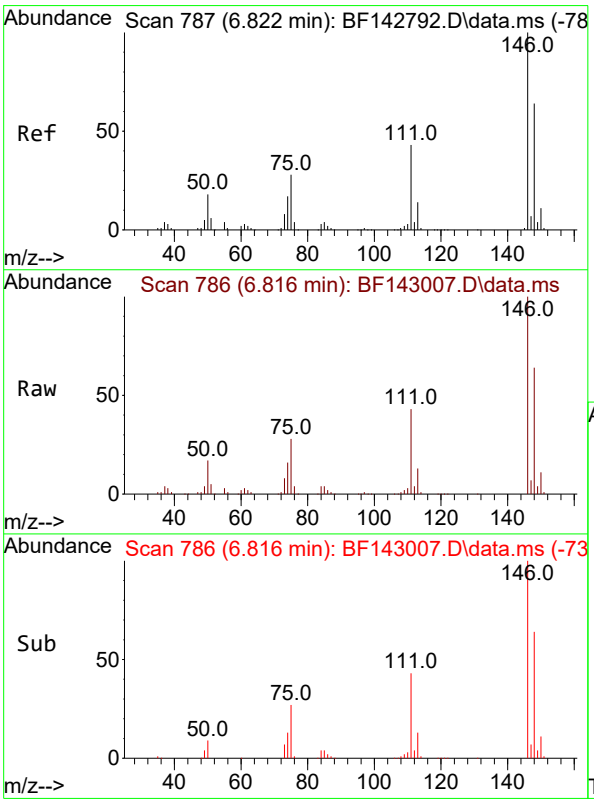
#11
bis(2-Chloroethyl)ether
Concen: 41.913 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion: 93 Resp: 152443

Ion	Ratio	Lower	Upper
93	100		
63	77.6	60.3	100.3
95	31.8	12.5	52.5

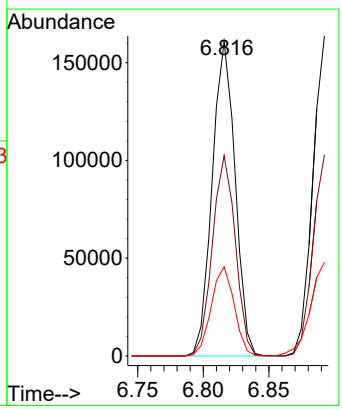


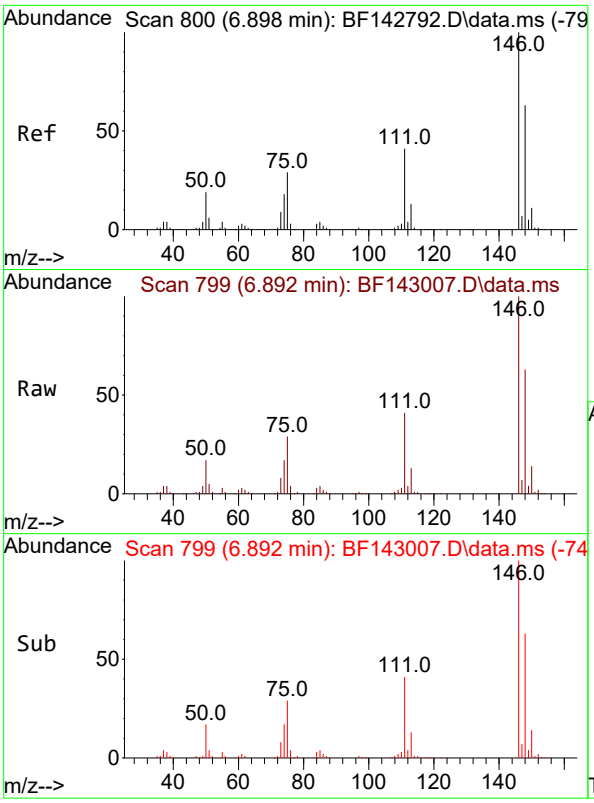


#12
1,3-Dichlorobenzene
Concen: 41.728 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:146 Resp: 195346

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
75	28.3	22.7	34.1



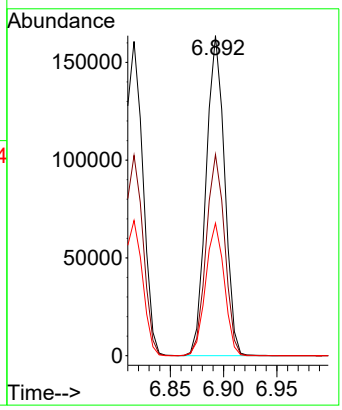


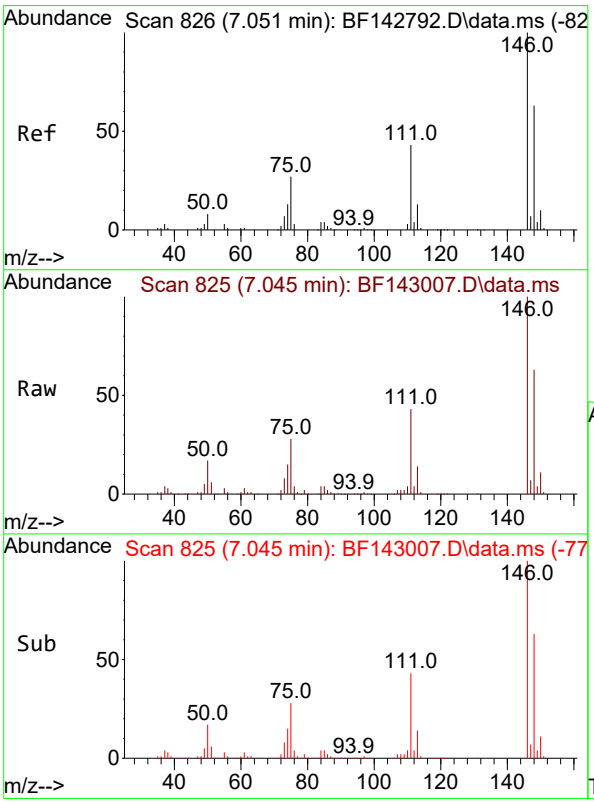
#13
1,4-Dichlorobenzene
Concen: 41.731 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:146 Resp: 197100

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.2	75.2
111	41.4	33.2	49.8

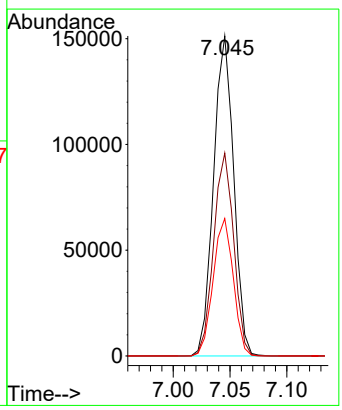


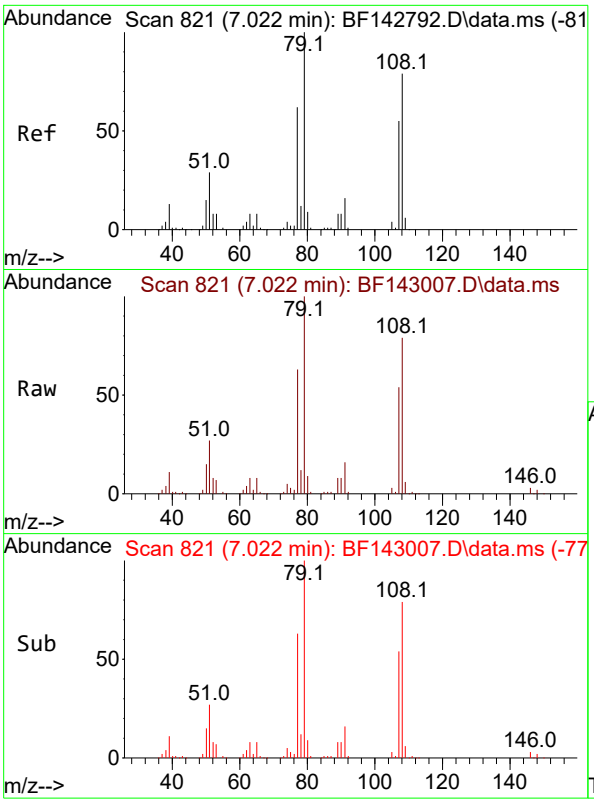


#14
1,2-Dichlorobenzene
Concen: 41.701 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:146 Resp: 186817

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	43.0	34.1	51.1



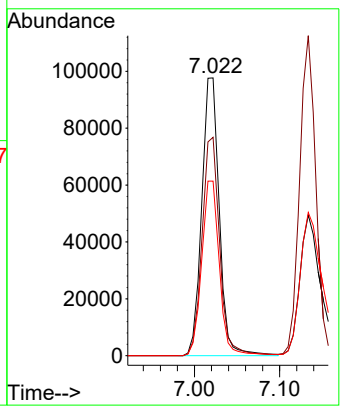


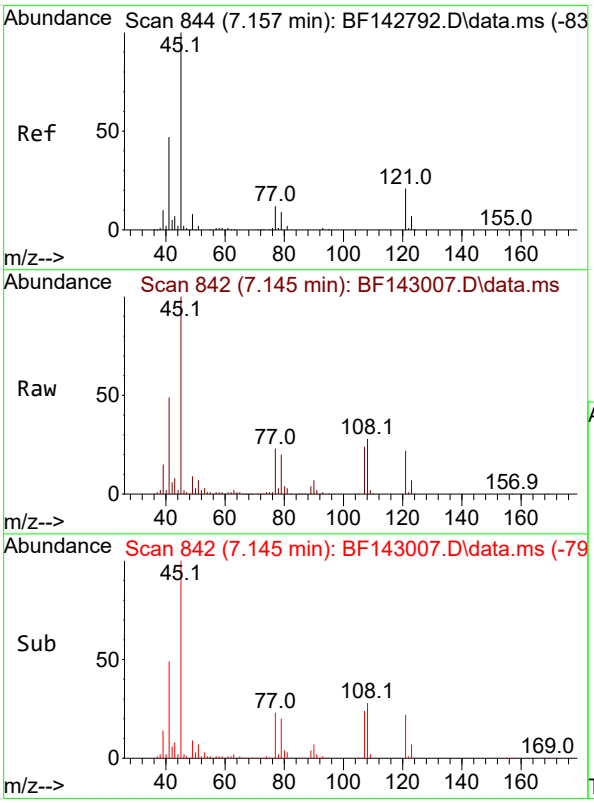
#15
Benzyl Alcohol
Concen: 42.264 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion: 79 Resp: 139879

Ion	Ratio	Lower	Upper
79	100		
108	78.6	63.4	95.0
77	62.9	49.5	74.3

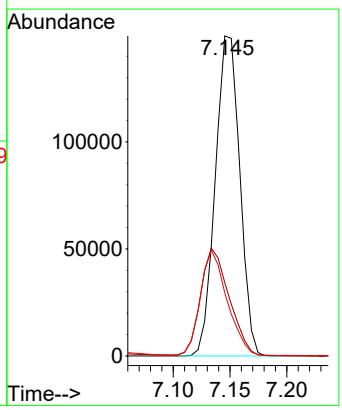


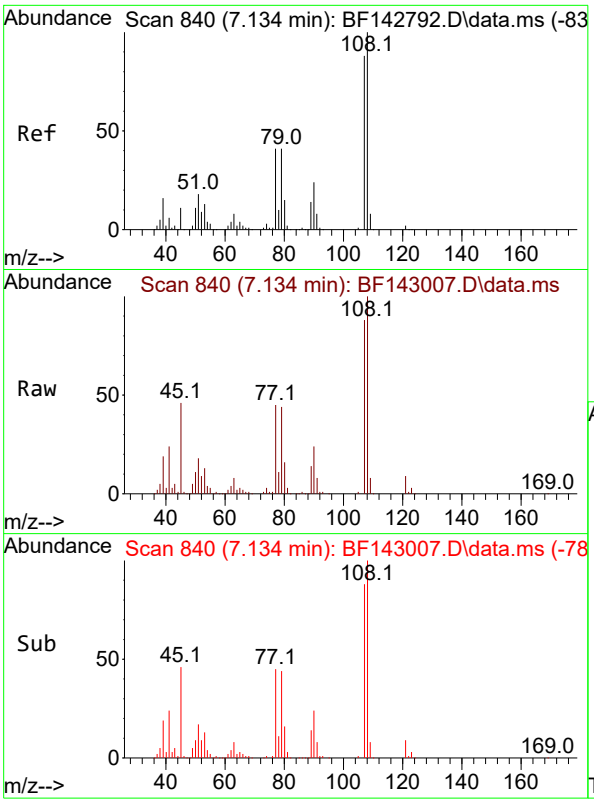


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.402 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 45 Resp: 224407

Ion	Ratio	Lower	Upper
45	100		
77	23.0	0.0	32.8
79	19.7	0.0	29.8



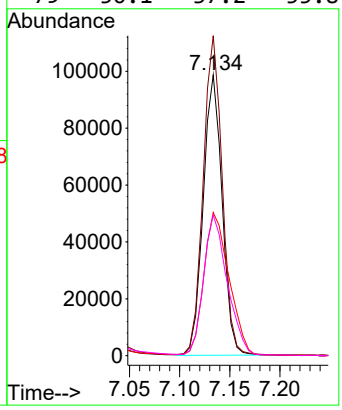


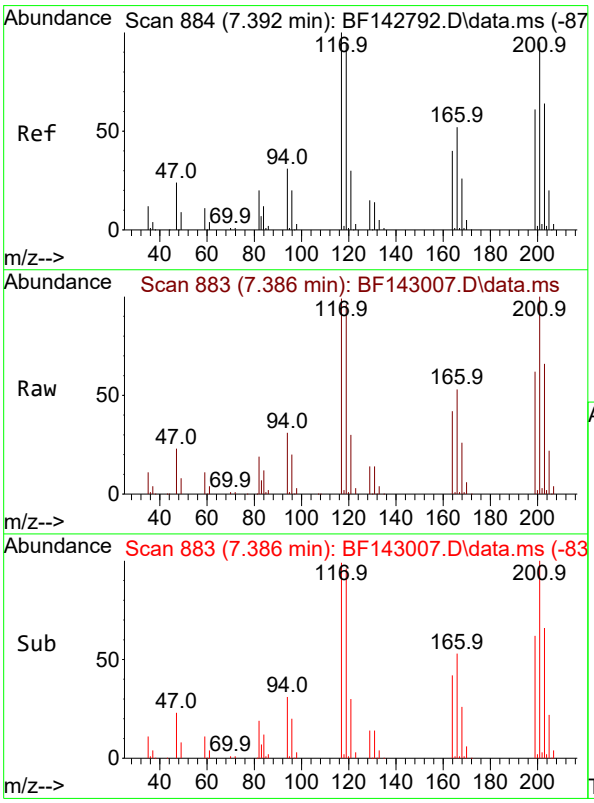
#17
2-Methylphenol
Concen: 40.951 ng
RT: 7.134 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:107 Resp: 129901

Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.9	136.3
77	51.0	37.3	55.9
79	50.1	37.2	55.8

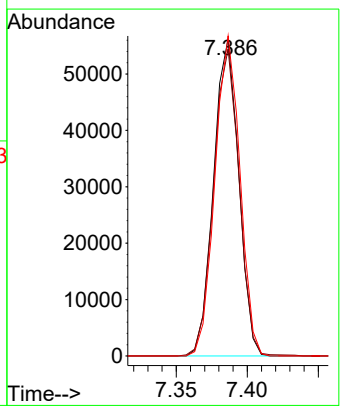


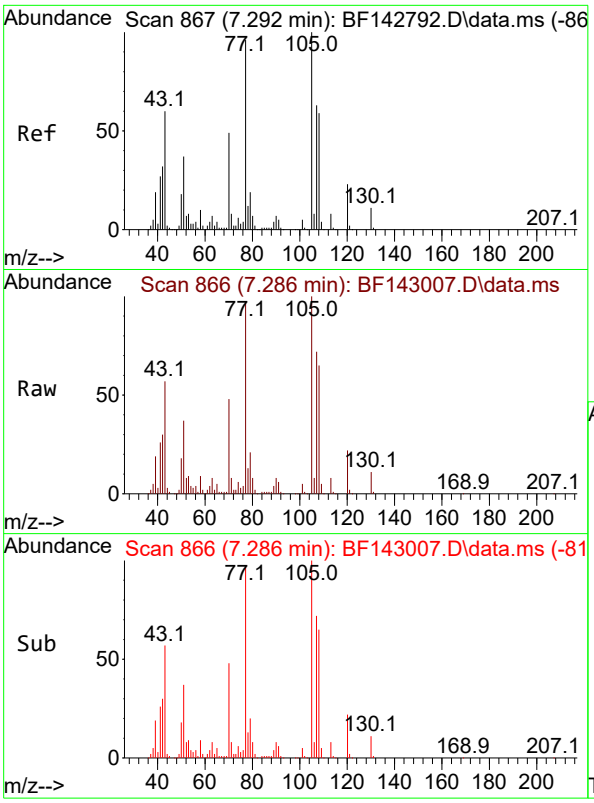


#18
Hexachloroethane
Concen: 41.796 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:117 Resp: 69049

Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.4	113.0
201	100.9	75.9	113.9



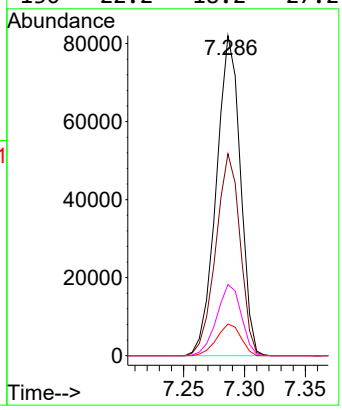


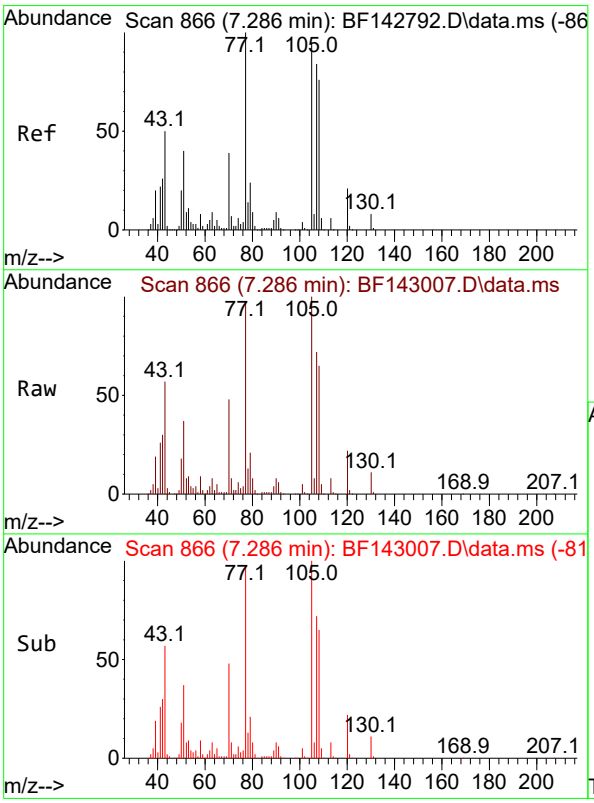
#19
n-Nitroso-di-n-propylamine
Concen: 42.402 ng
RT: 7.286 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion: 70 Resp: 112902

Ion	Ratio	Lower	Upper
70	100		
42	63.1	52.1	78.1
101	9.9	8.2	12.2
130	22.2	18.2	27.2

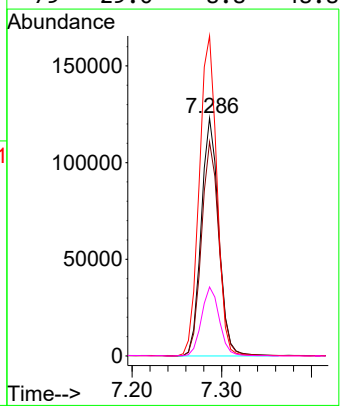


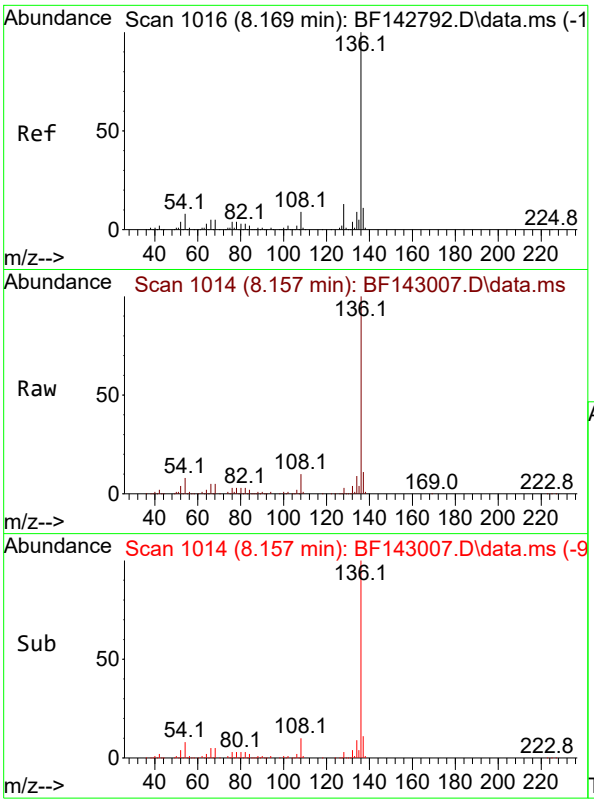


#20
3+4-Methylphenols
Concen: 42.238 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:107 Resp: 167055

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	134.5	98.5	138.5
79	29.0	8.8	48.8



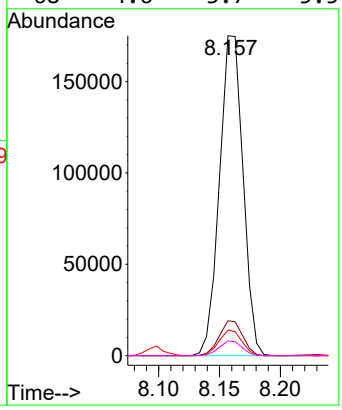


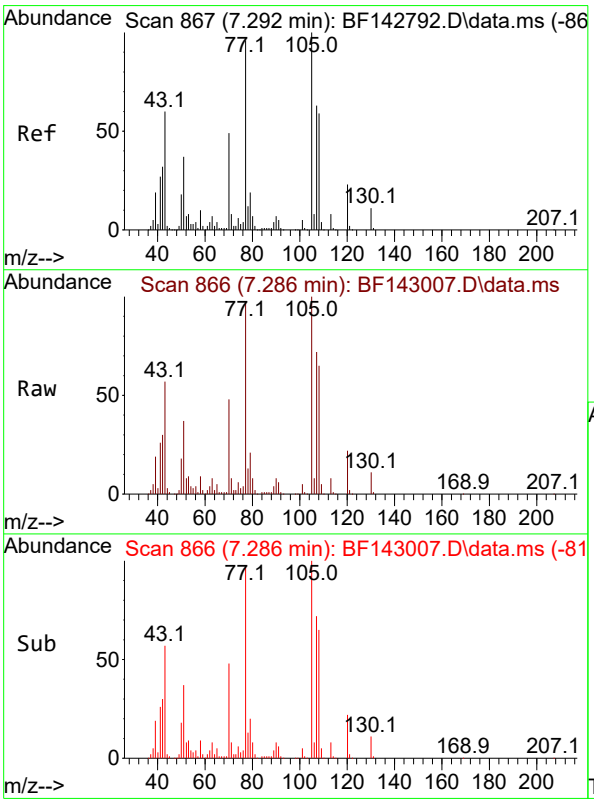
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:136 Resp: 236179

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.0	6.3	9.5
68	4.6	3.7	5.5

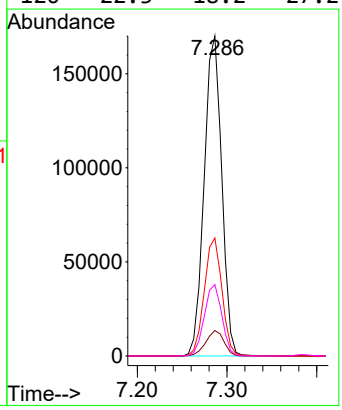


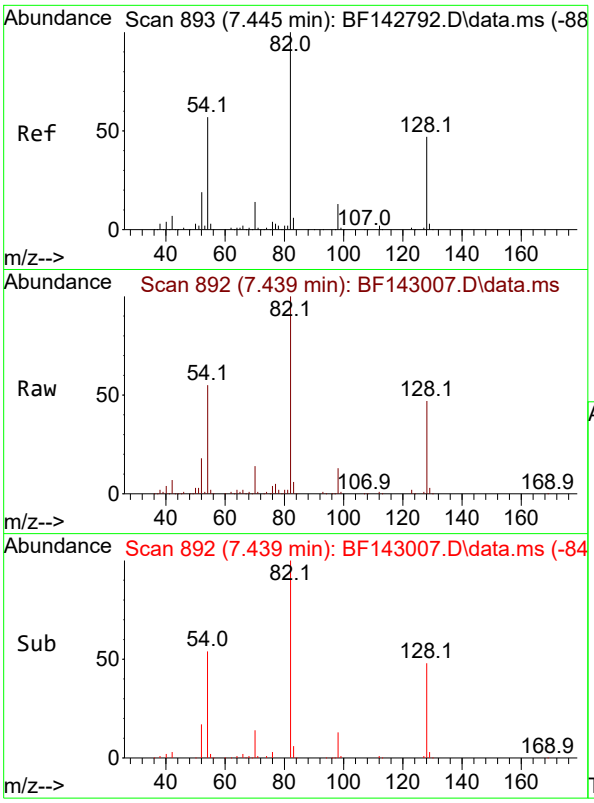


#22
Acetophenone
Concen: 44.411 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:105 Resp: 231299

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.5	9.7
51	36.9	29.8	44.8
120	22.3	18.2	27.2



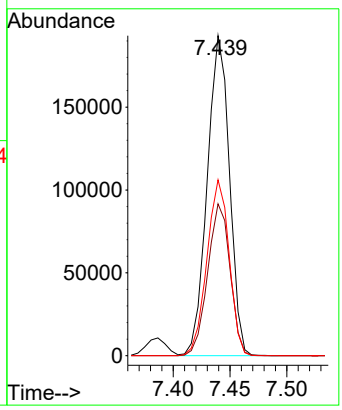


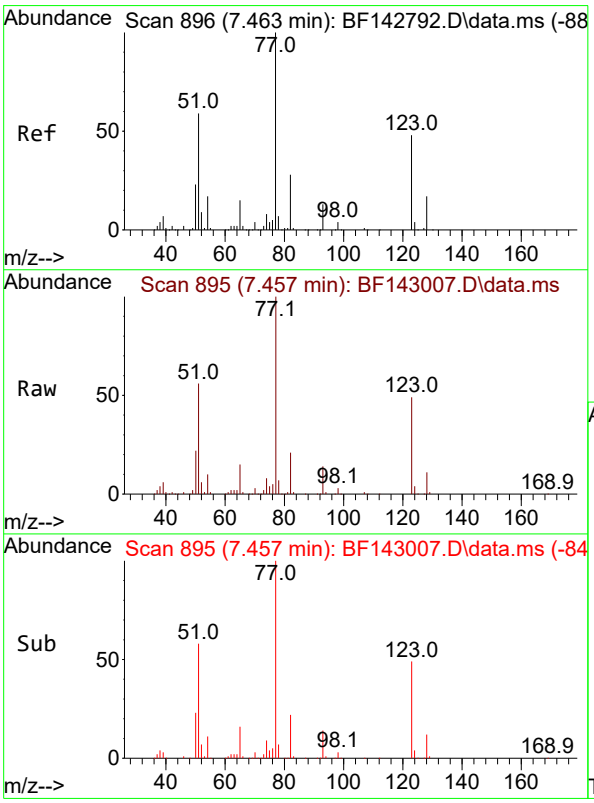
#23
Nitrobenzene-d5
Concen: 61.116 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion: 82 Resp: 263155

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.7	56.5
54	55.0	45.7	68.5

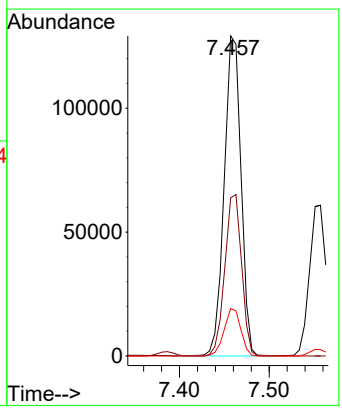


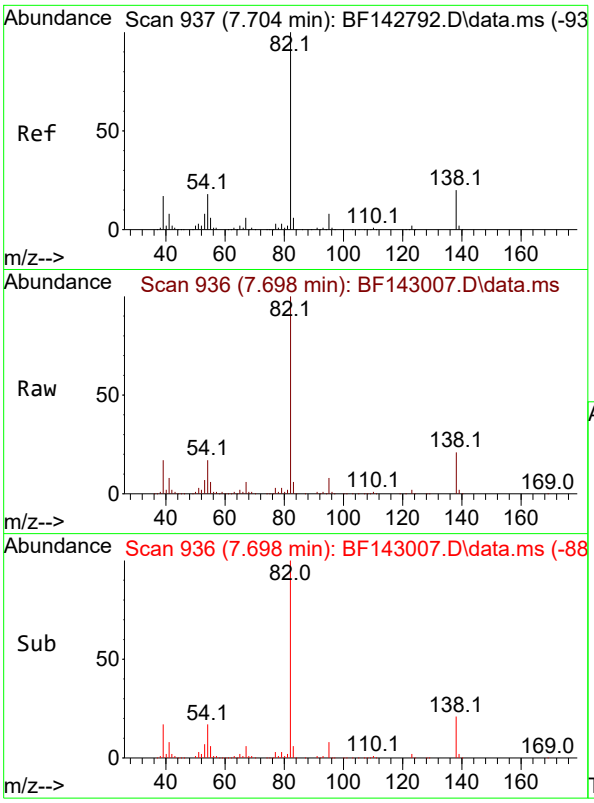


#24
Nitrobenzene
Concen: 43.338 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 77 Resp: 168895

Ion	Ratio	Lower	Upper
77	100		
123	49.4	39.2	58.8
65	14.8	11.6	17.4



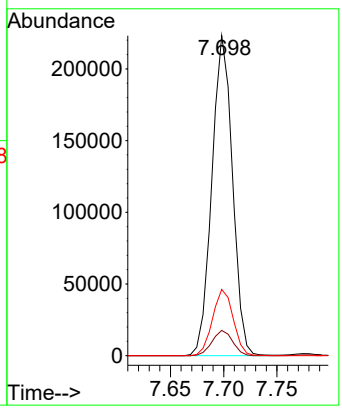


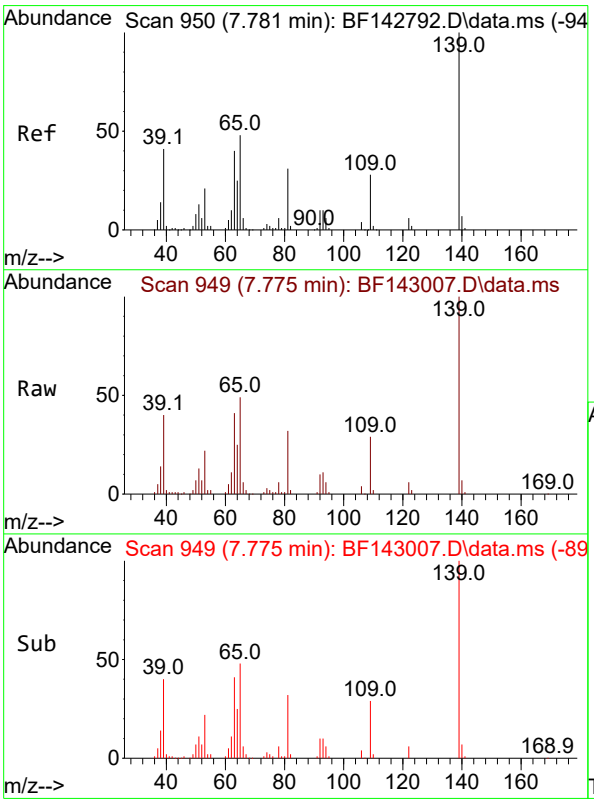
#25
Isophorone
Concen: 43.413 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion: 82 Resp: 299867

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.2	9.2
138	20.7	16.2	24.4

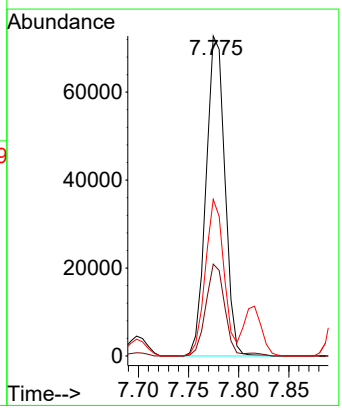


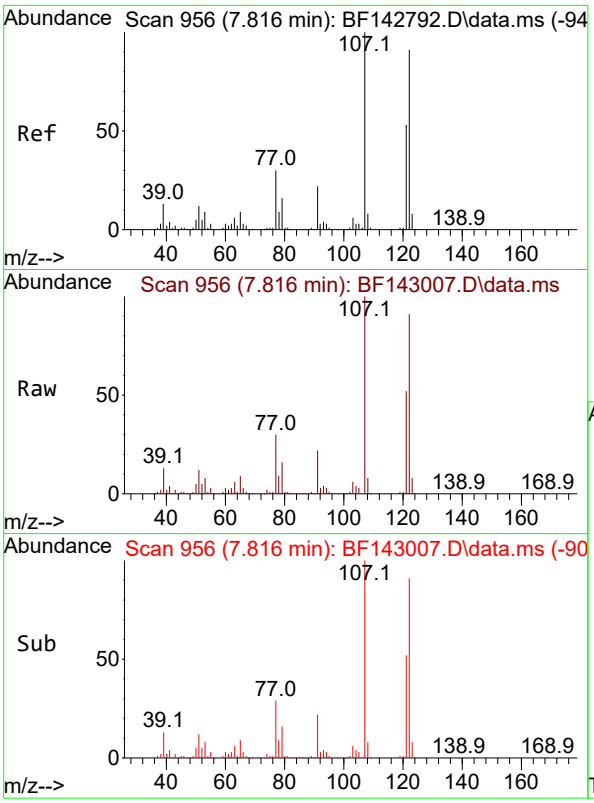


#26
2-Nitrophenol
Concen: 44.835 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:139 Resp: 95184

Ion	Ratio	Lower	Upper
139	100		
109	28.7	22.7	34.1
65	49.0	38.6	58.0



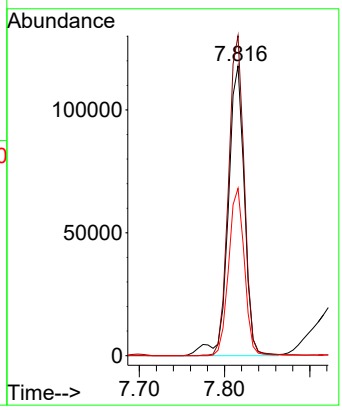


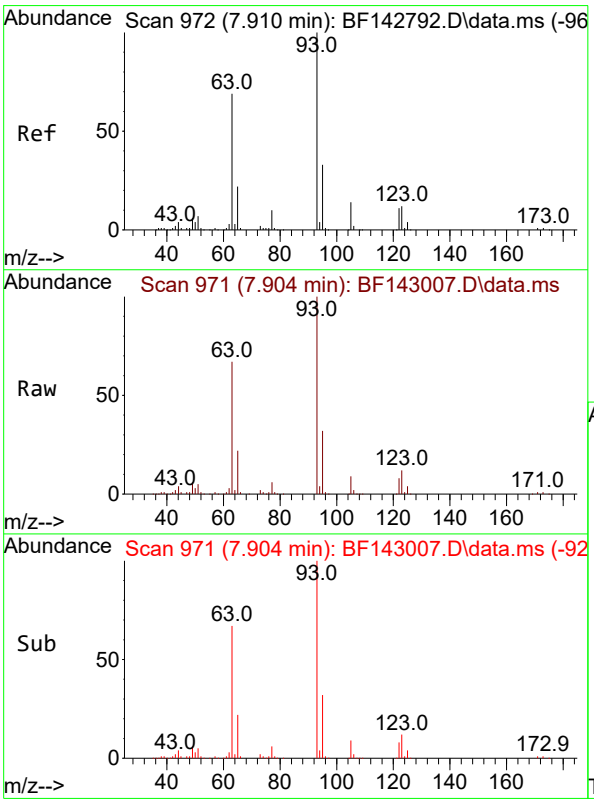
#27
2,4-Dimethylphenol
Concen: 42.525 ng
RT: 7.816 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:122 Resp: 156379

Ion	Ratio	Lower	Upper
122	100		
107	110.4	88.0	132.0
121	57.7	46.3	69.5

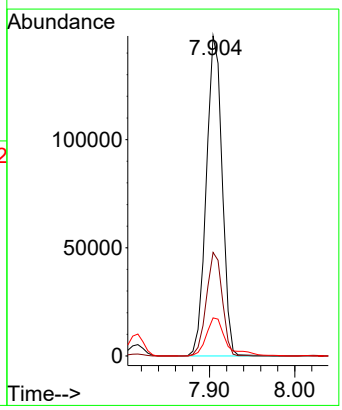


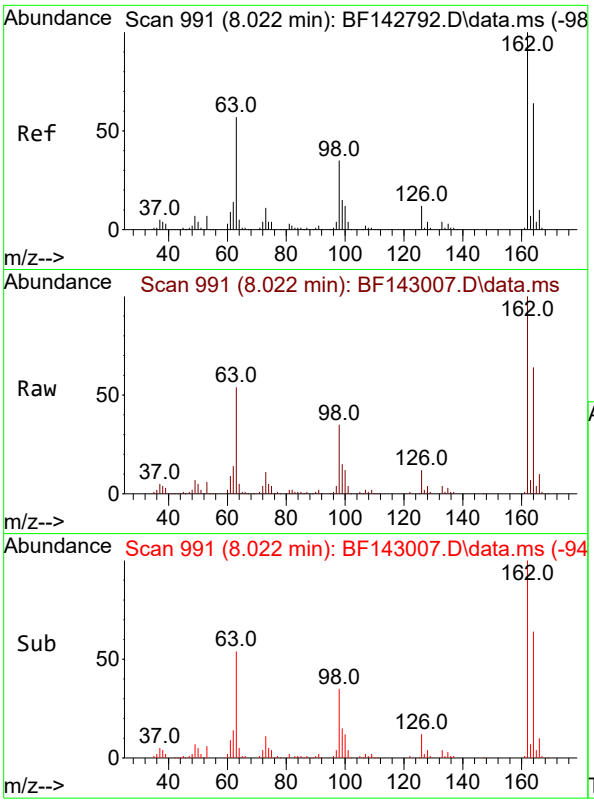


#28
bis(2-Chloroethoxy)methane
Concen: 43.488 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 93 Resp: 190971

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.2
123	11.9	9.9	14.9



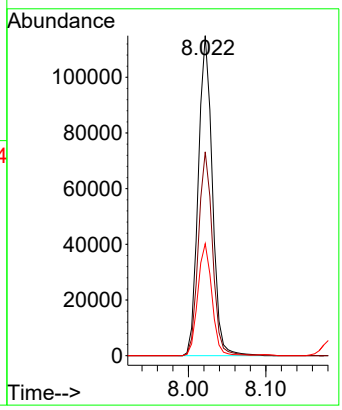


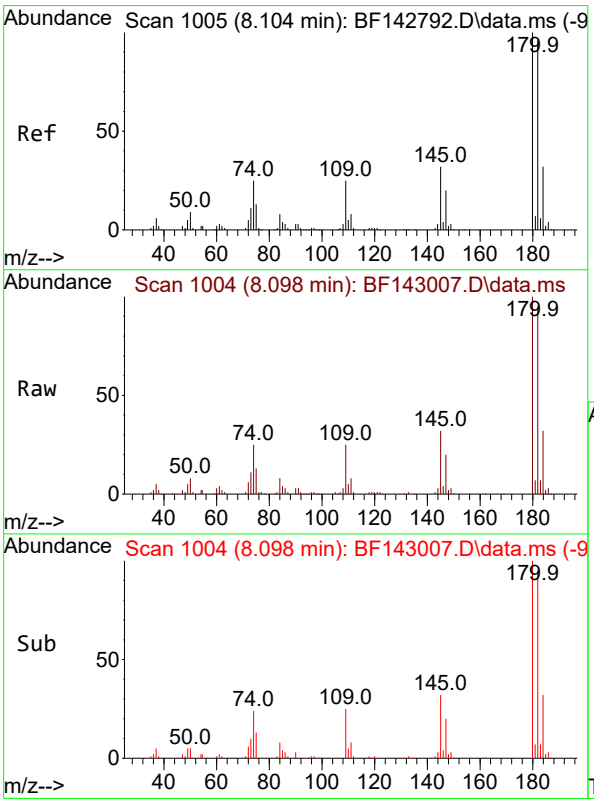
#29
2,4-Dichlorophenol
Concen: 43.446 ng
RT: 8.022 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:162 Resp: 144863

Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.0	84.0
98	35.0	15.4	55.4

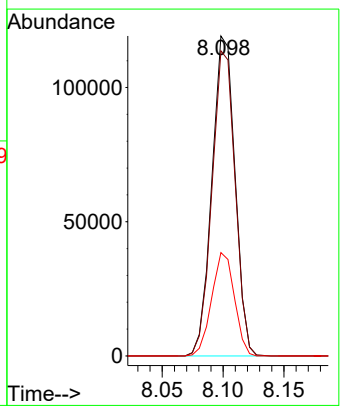


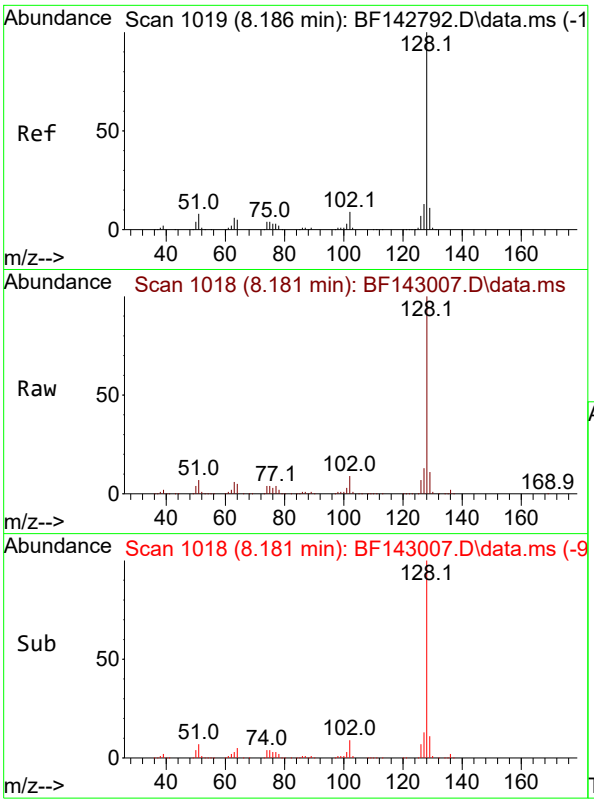


#30
1,2,4-Trichlorobenzene
Concen: 42.876 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:180 Resp: 157204

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	32.3	25.8	38.8



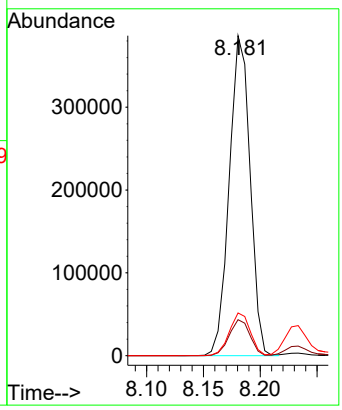


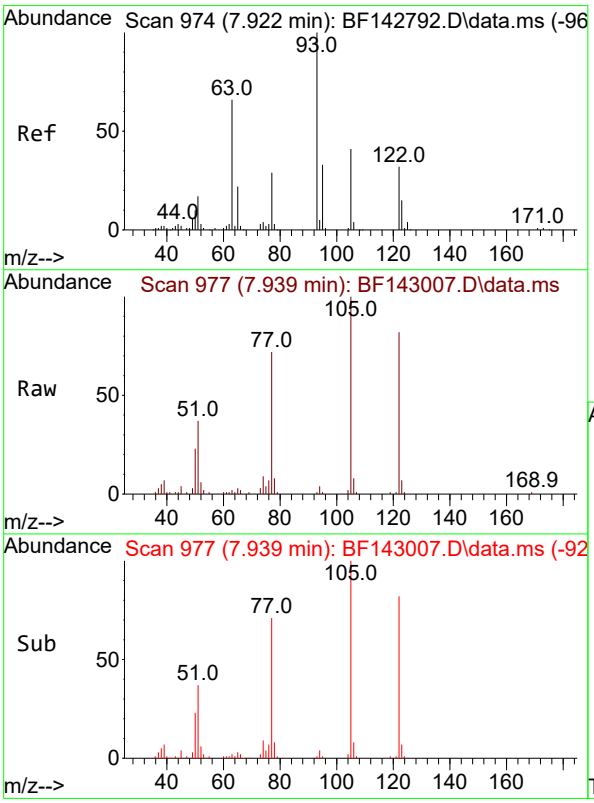
#31
Naphthalene
Concen: 42.656 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:128 Resp: 493129

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.4	10.4	15.6

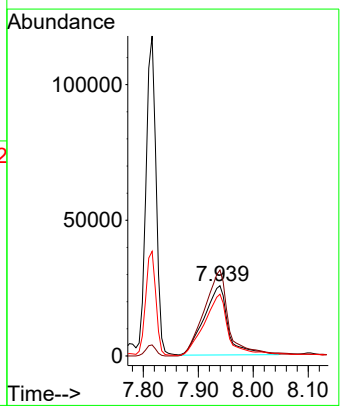


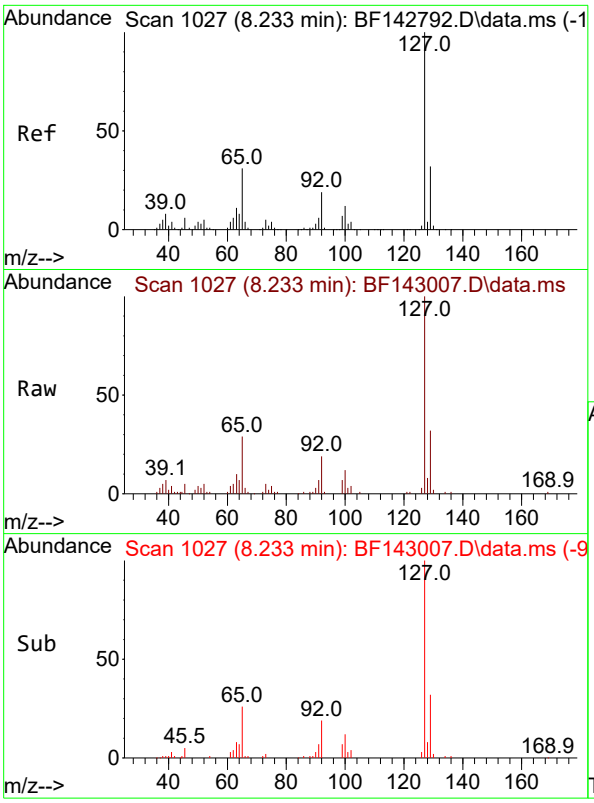


#32
Benzoic acid
Concen: 41.903 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:122 Resp: 78539

Ion	Ratio	Lower	Upper
122	100		
105	122.3	104.7	144.7
77	87.8	70.2	110.2



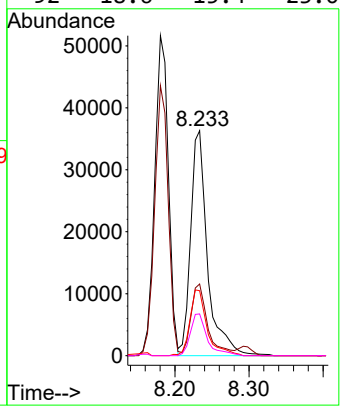


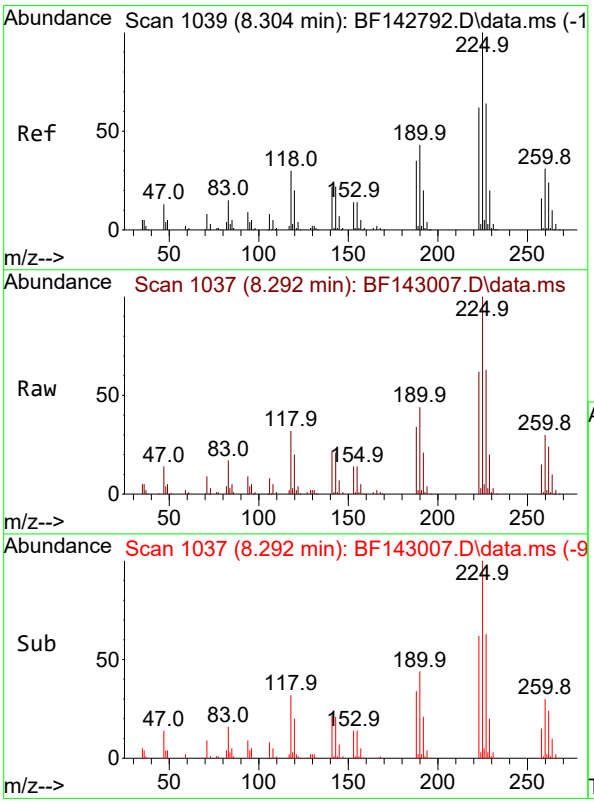
#33
4-Chloroaniline
Concen: 12.233 ng
RT: 8.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:127 Resp: 57503

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	28.8	24.6	36.8
92	18.6	15.4	23.0

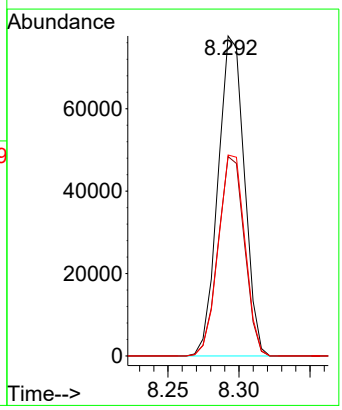


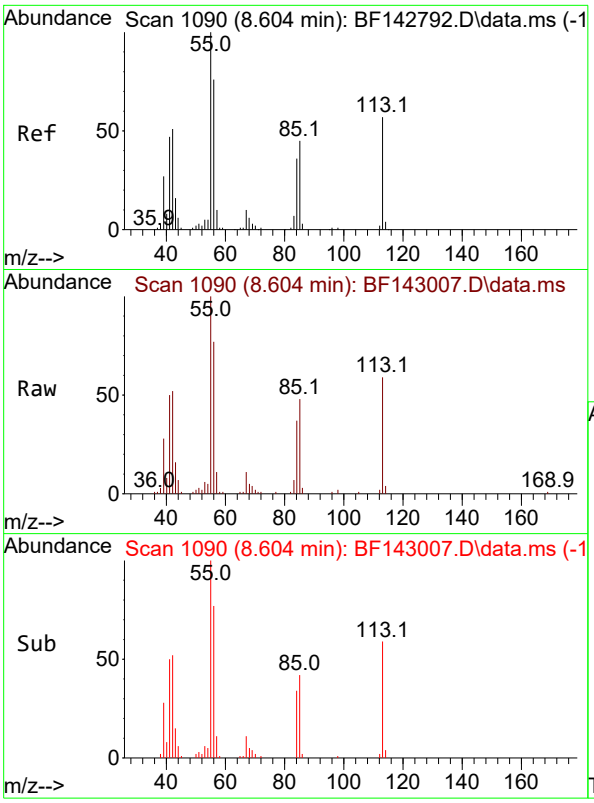


#34
Hexachlorobutadiene
Concen: 44.537 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:225 Resp: 99883

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.9	74.9
227	62.8	51.4	77.0



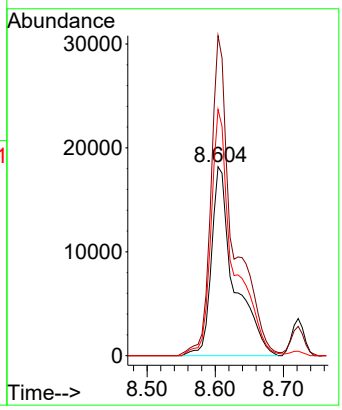


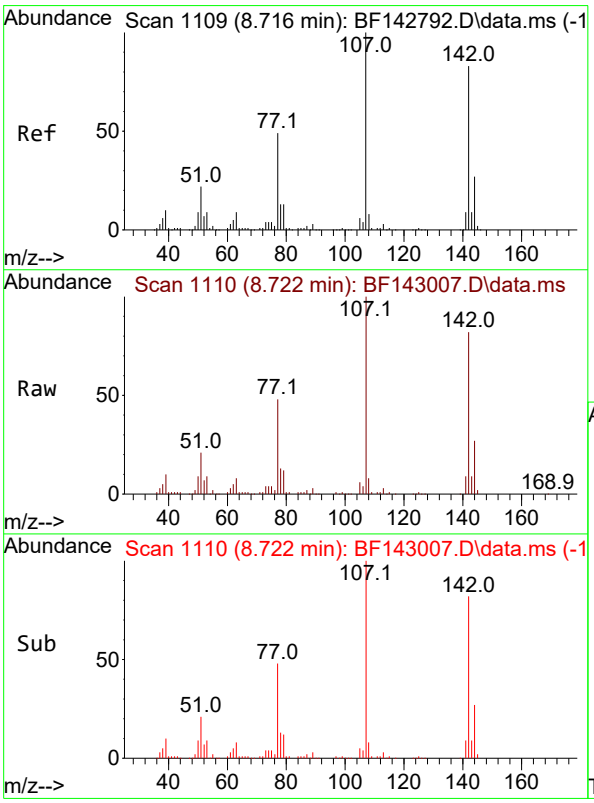
#35
Caprolactam
Concen: 47.945 ng
RT: 8.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:113 Resp: 42185

Ion	Ratio	Lower	Upper
113	100		
55	169.3	154.4	194.4
56	130.3	112.1	152.1

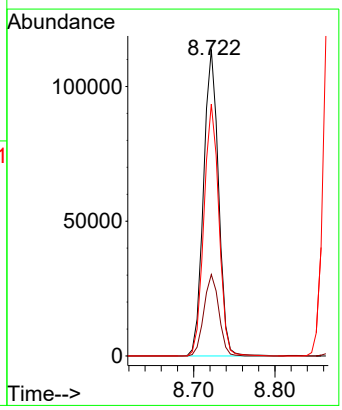


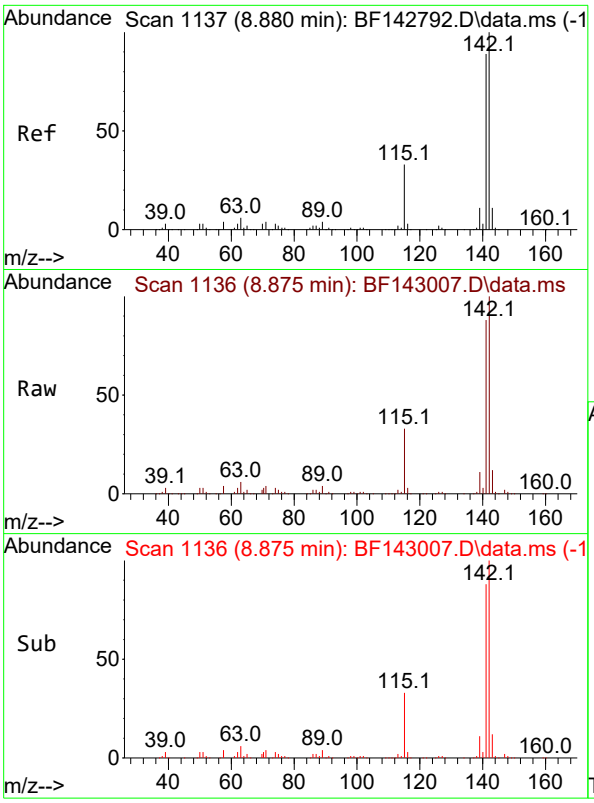


#36
4-Chloro-3-methylphenol
Concen: 43.885 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:107 Resp: 145424

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.3	31.9
142	82.2	66.6	100.0



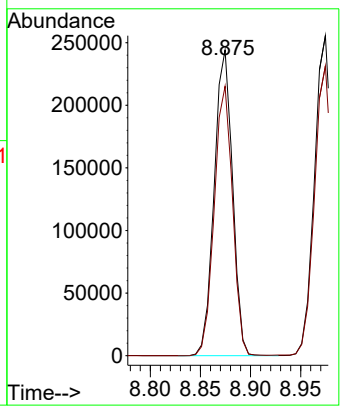


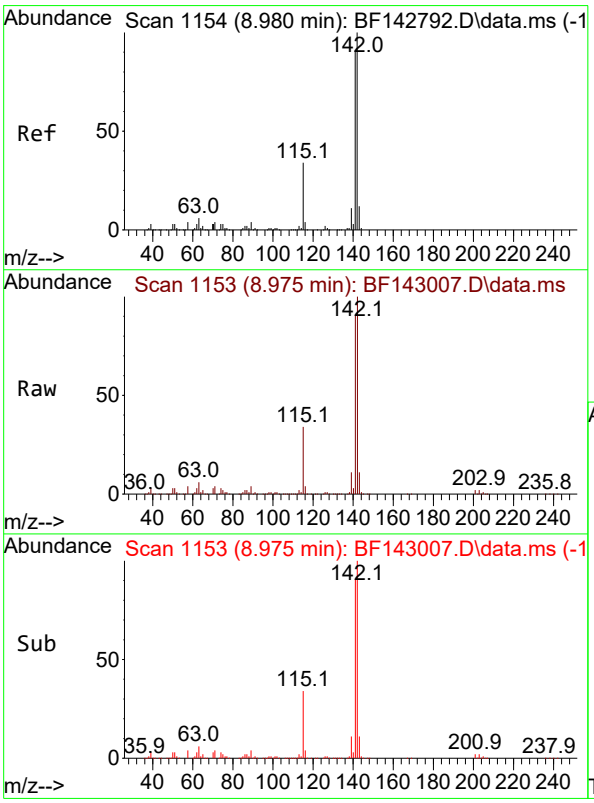
#37
2-Methylnaphthalene
Concen: 43.286 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:142 Resp: 310236

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.9	106.3

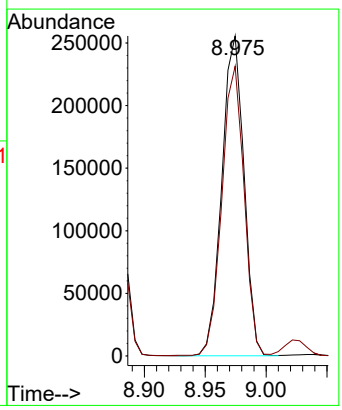


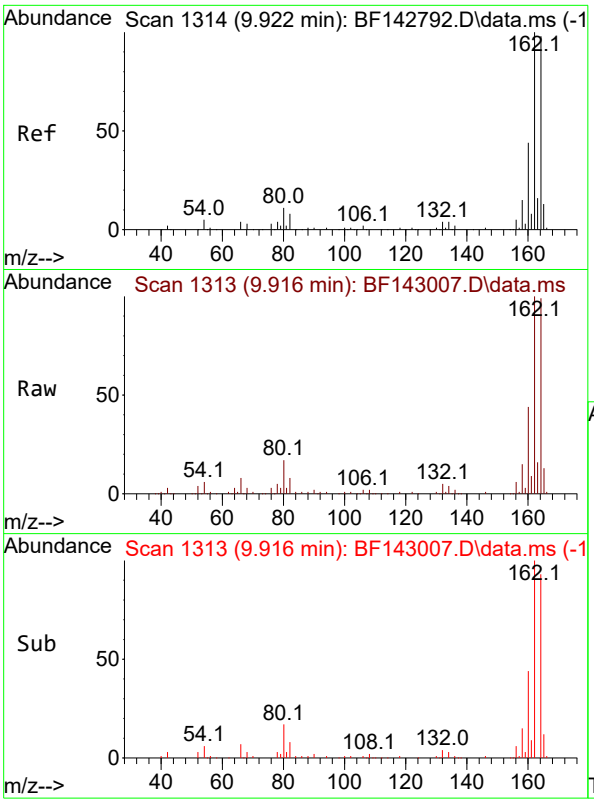


#38
1-Methylnaphthalene
Concen: 43.538 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:142 Resp: 323024

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.0	109.4



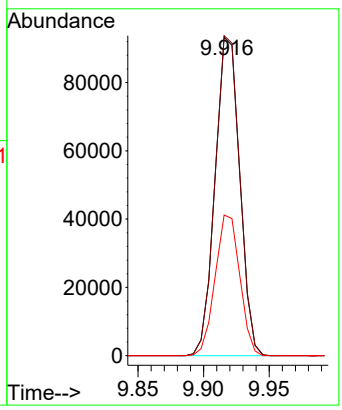


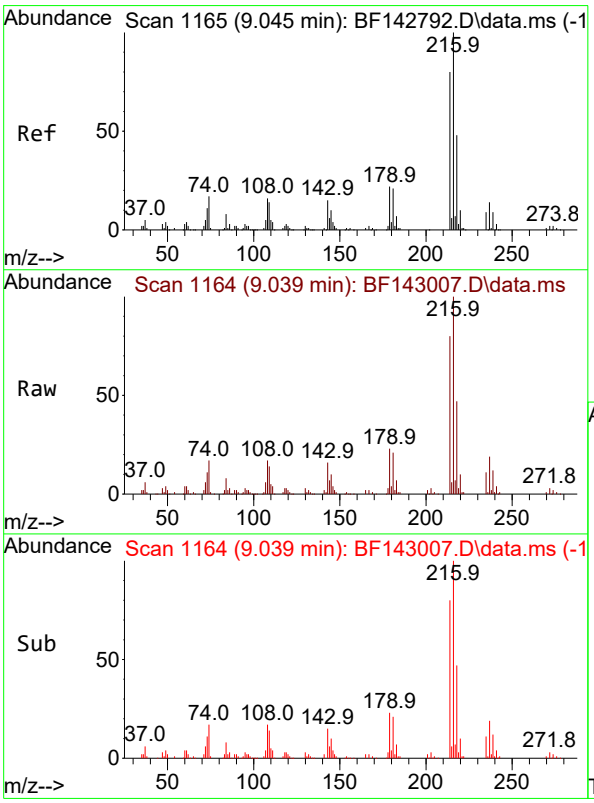
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:164 Resp: 121582

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.8	122.8
160	44.2	36.0	54.0

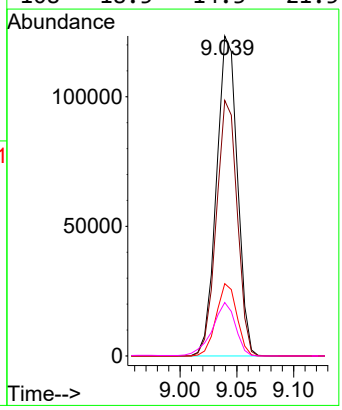


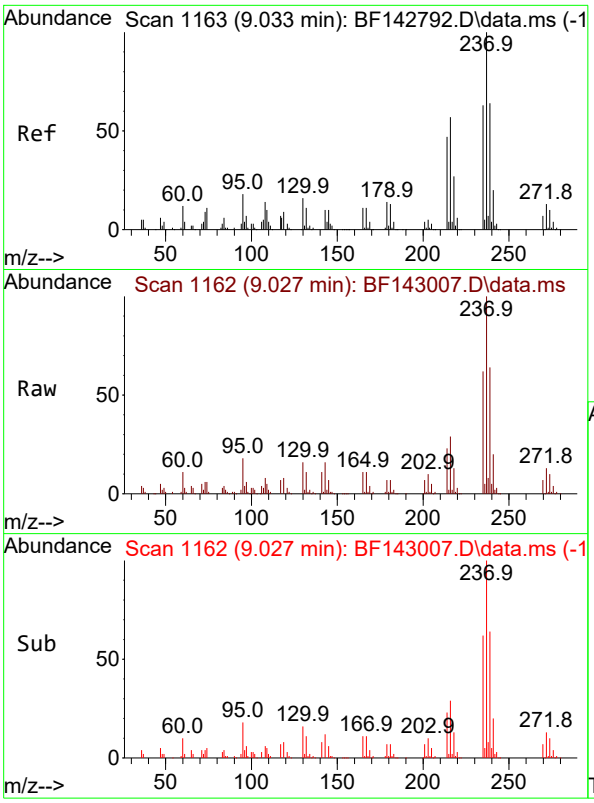


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.076 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:216 Resp: 158122

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	22.3	17.6	26.4
108	18.5	14.3	21.5



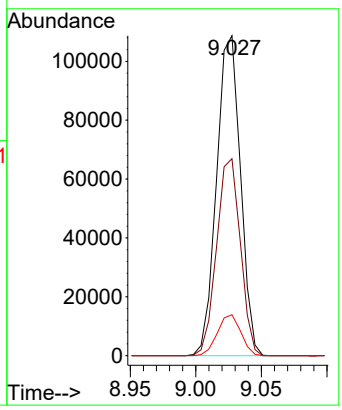


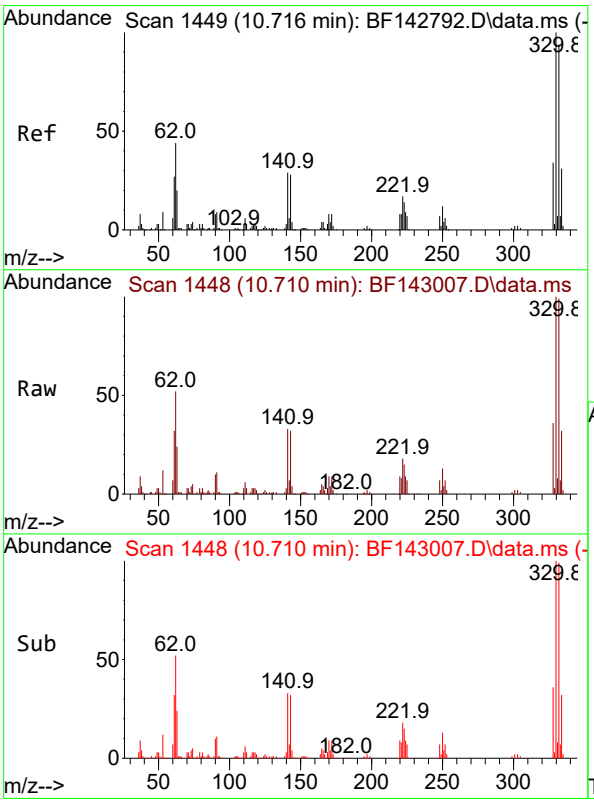
#41
Hexachlorocyclopentadiene
Concen: 67.625 ng
RT: 9.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:237 Resp: 137672

Ion	Ratio	Lower	Upper
237	100		
235	61.5	43.4	83.4
272	12.8	0.0	32.7

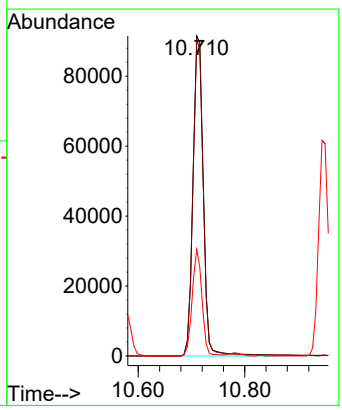


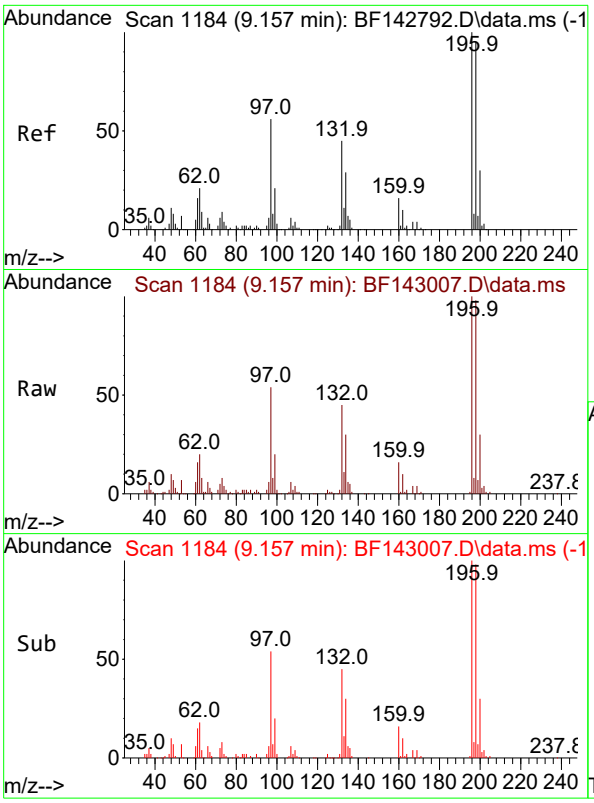


#42
2,4,6-Tribromophenol
Concen: 99.009 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:330 Resp: 123876

Ion	Ratio	Lower	Upper
330	100		
332	97.9	75.0	112.6
141	31.2	25.3	37.9



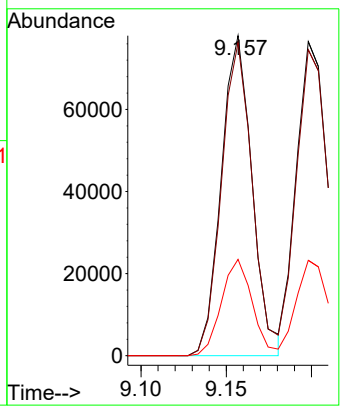


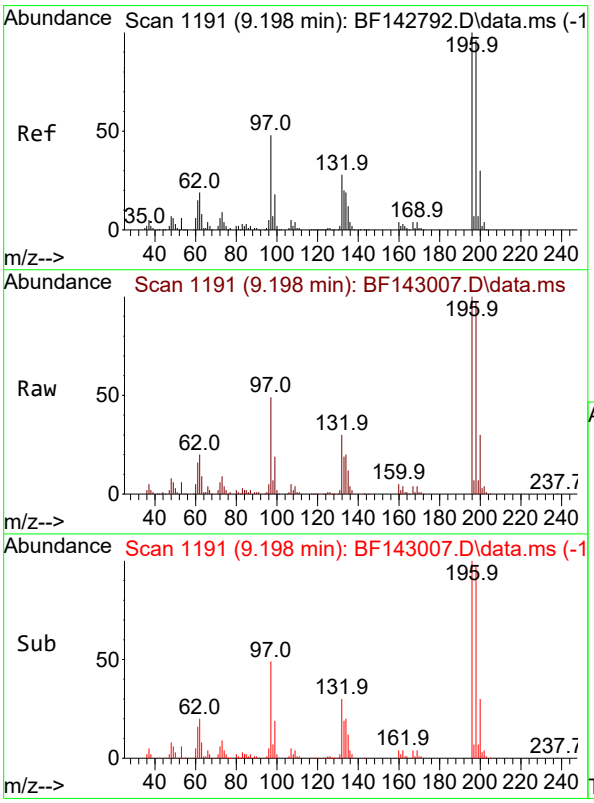
#43
2,4,6-Trichlorophenol
Concen: 42.079 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:196 Resp: 98368

Ion	Ratio	Lower	Upper
196	100		
198	97.8	76.2	114.2
200	30.1	24.1	36.1

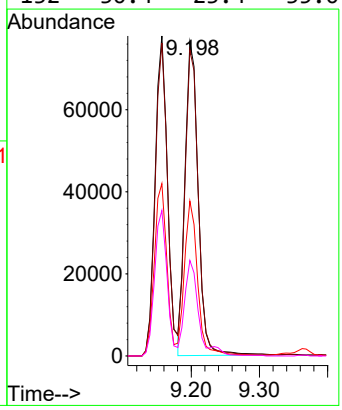


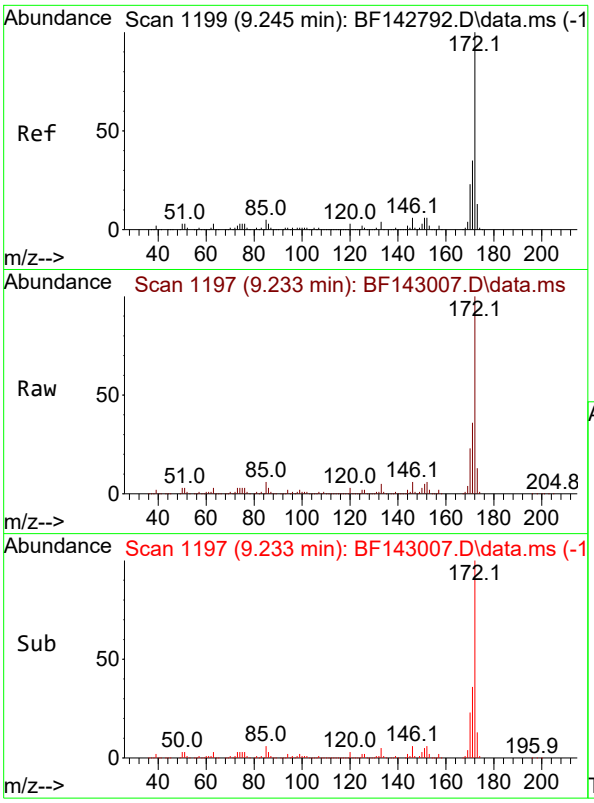


#44
2,4,5-Trichlorophenol
Concen: 41.545 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:196 Resp: 102235

Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.6	115.0
97	49.3	38.2	57.2
132	30.4	23.4	35.0



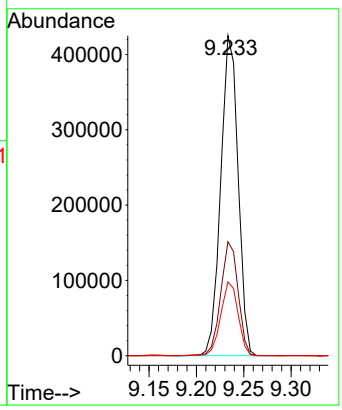


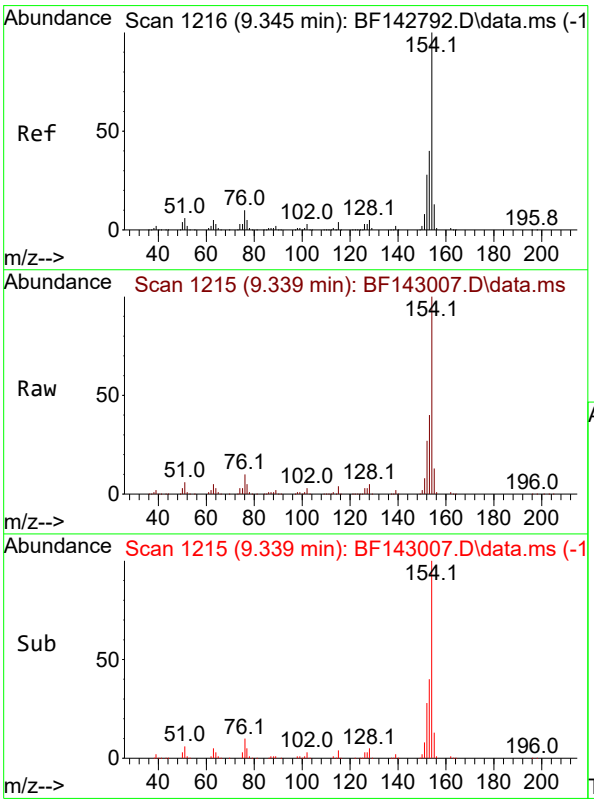
#45
2-Fluorobiphenyl
Concen: 58.603 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:172 Resp: 542376

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.1	18.5	27.7

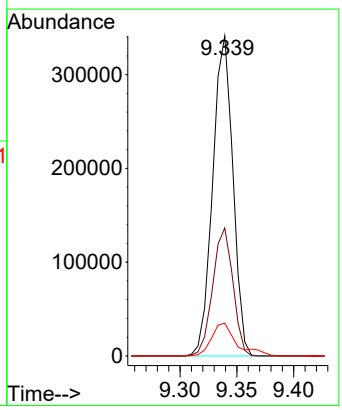


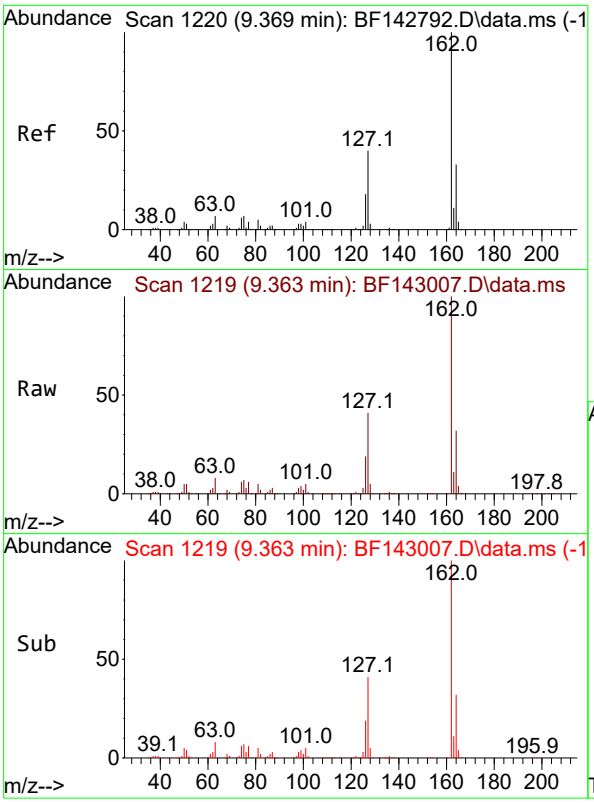


#46
1,1'-Biphenyl
Concen: 43.967 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:154 Resp: 422277

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	10.3	0.0	30.3



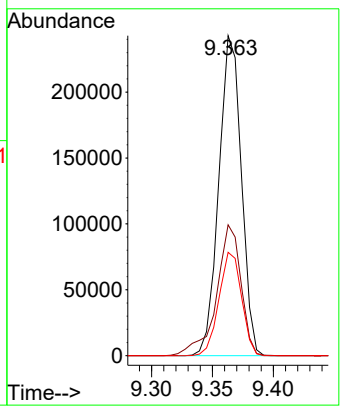


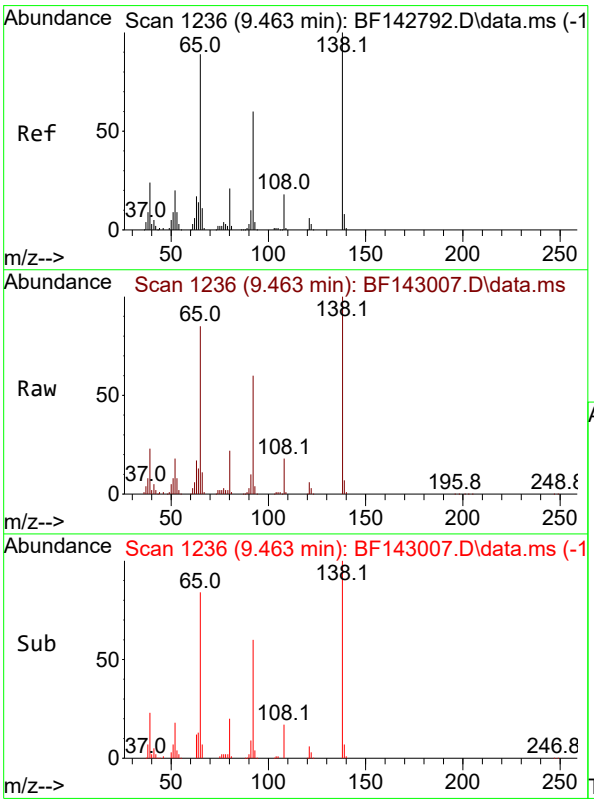
#47
2-Chloronaphthalene
Concen: 43.388 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:162 Resp: 312713

Ion	Ratio	Lower	Upper
162	100		
127	40.9	32.2	48.2
164	32.3	26.1	39.1

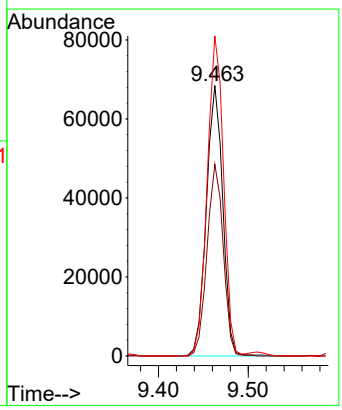


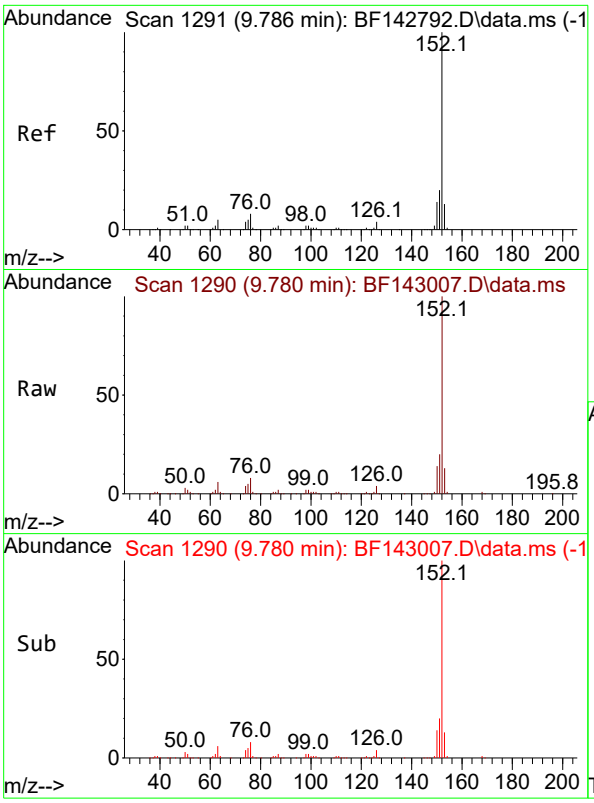


#48
2-Nitroaniline
Concen: 43.116 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 65 Resp: 87120

Ion	Ratio	Lower	Upper
65	100		
92	70.9	53.8	80.6
138	118.3	89.6	134.4



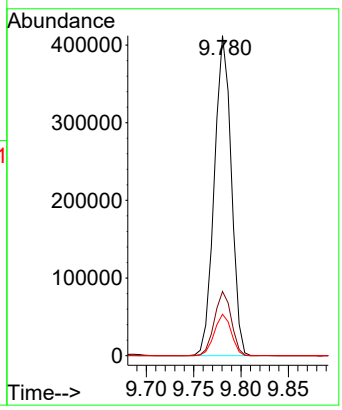


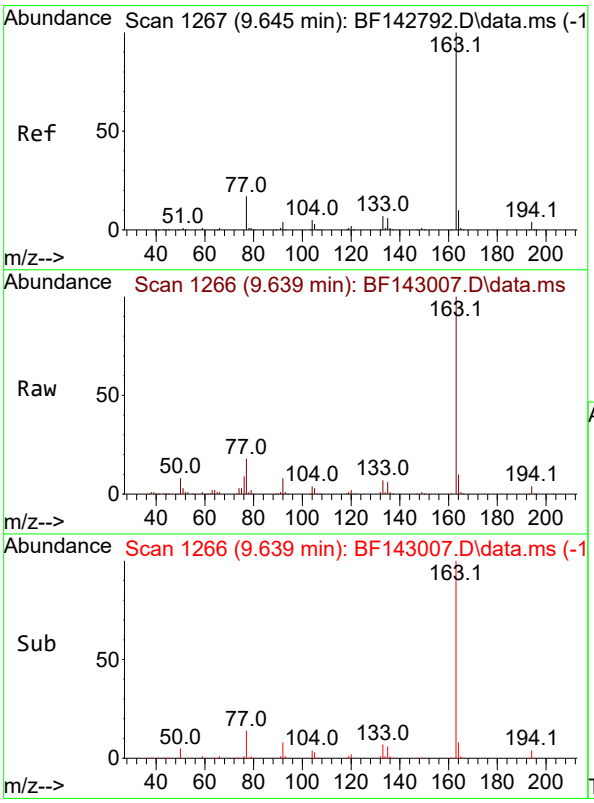
#49
Acenaphthylene
Concen: 43.292 ng
RT: 9.780 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:152 Resp: 513656

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.0	10.4	15.6

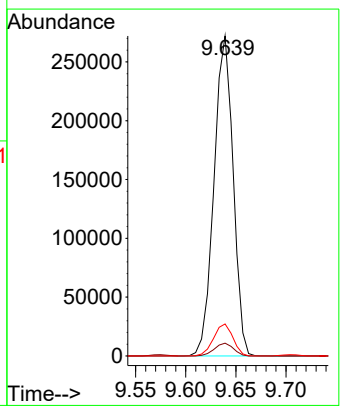


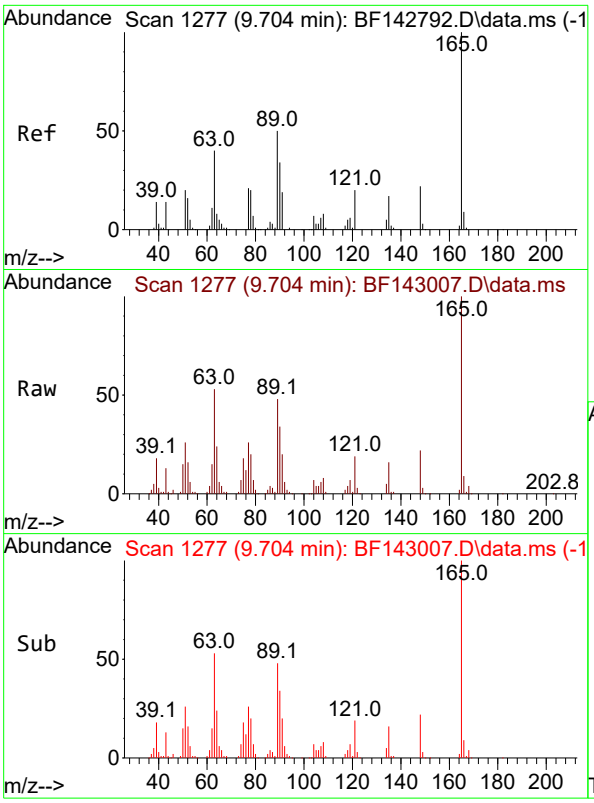


#50
Dimethylphthalate
Concen: 45.877 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:163 Resp: 361051

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.0	8.0	12.0



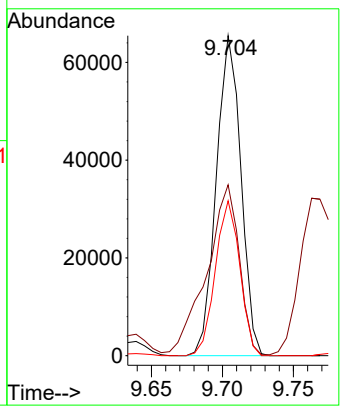


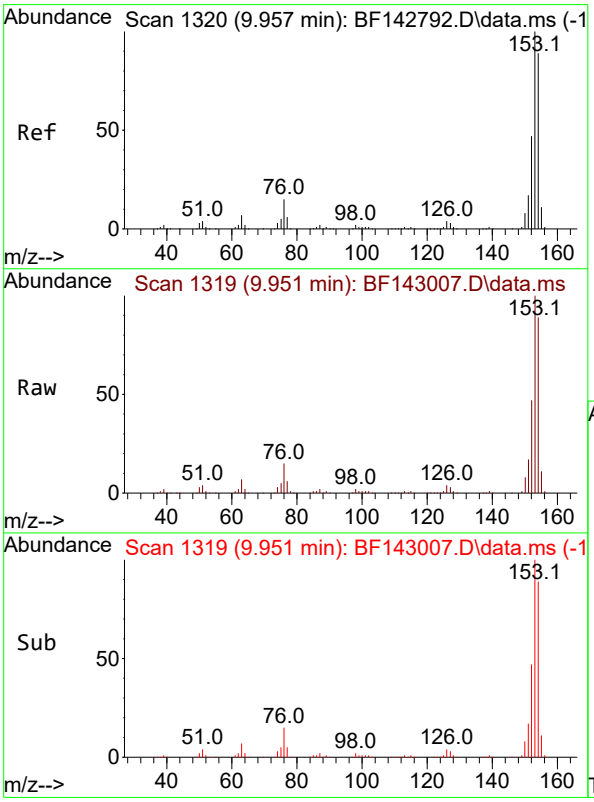
#51
2,6-Dinitrotoluene
Concen: 45.585 ng
RT: 9.704 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:165 Resp: 78787

Ion	Ratio	Lower	Upper
165	100		
63	53.4	44.2	66.4
89	48.4	39.8	59.8

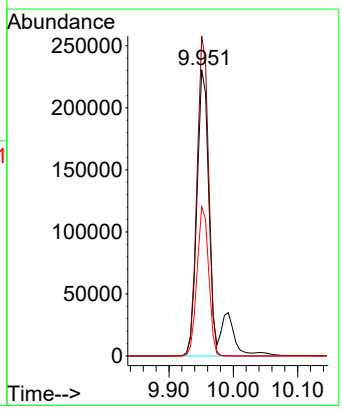


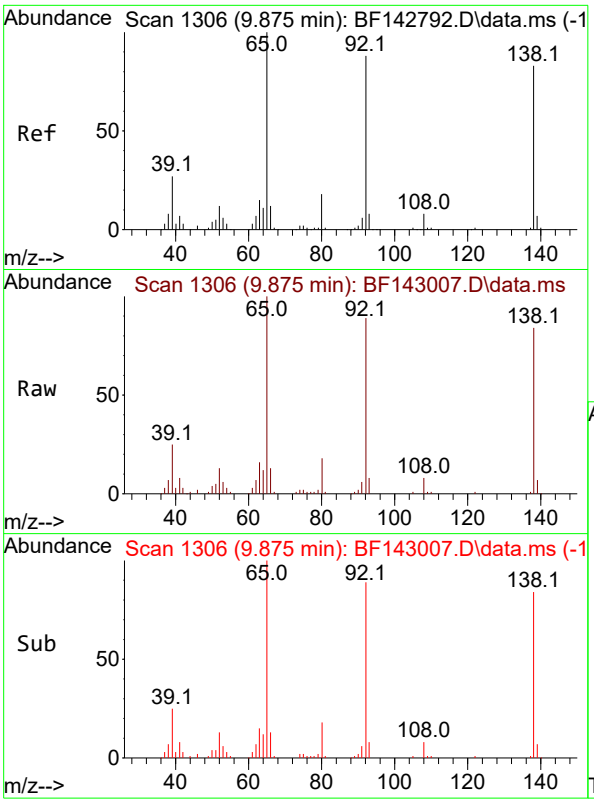


#52
Acenaphthene
Concen: 47.648 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:154 Resp: 344922

Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.0	135.0
152	52.1	41.9	62.9



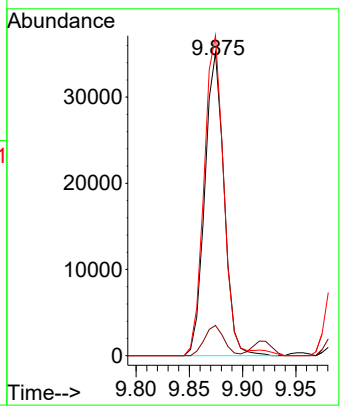


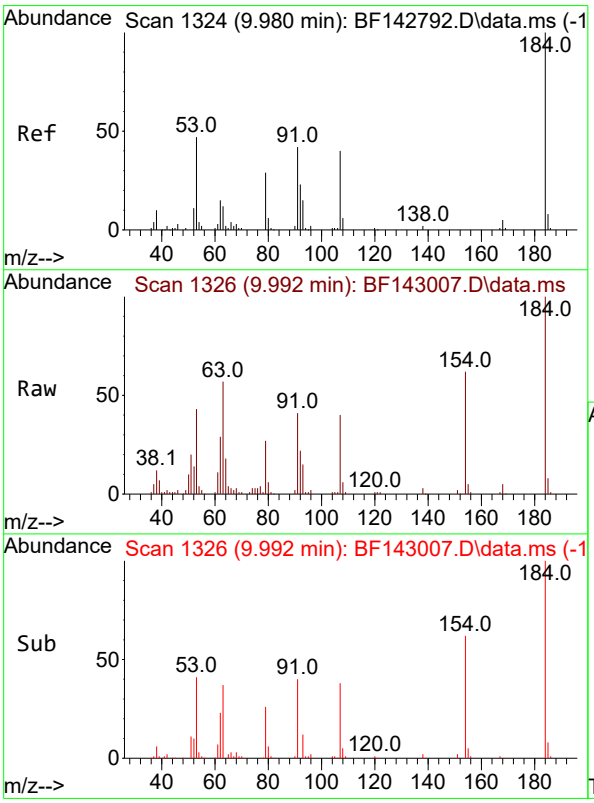
#53
3-Nitroaniline
Concen: 23.371 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:138 Resp: 44472

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.1	12.1
92	105.5	85.1	127.7

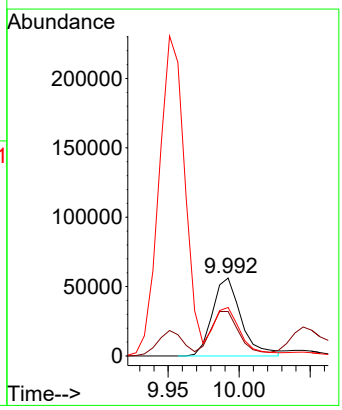


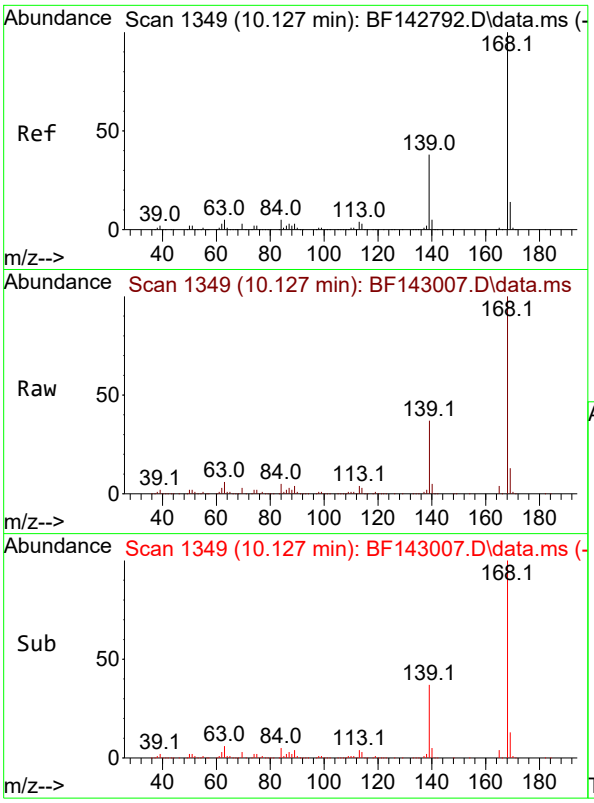


#54
2,4-Dinitrophenol
Concen: 91.469 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:184 Resp: 79158

Ion	Ratio	Lower	Upper
184	100		
63	57.0	50.6	75.8
154	62.2	51.8	77.8



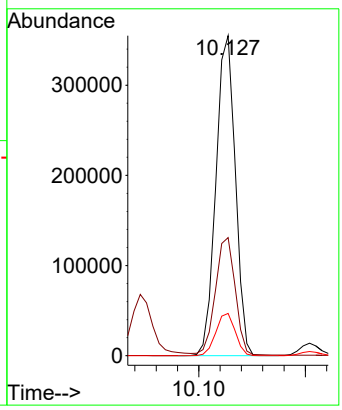


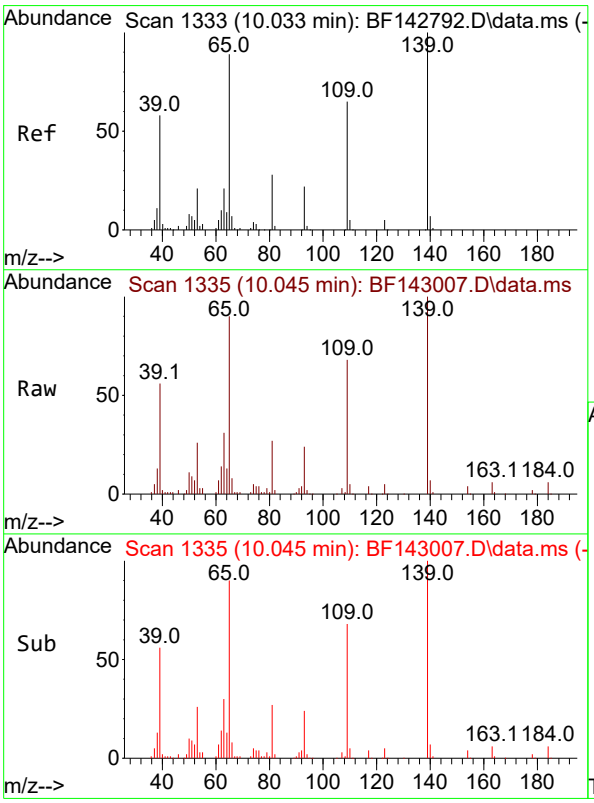
#55
Dibenzofuran
Concen: 43.157 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:168 Resp: 447994

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.2	45.4
169	13.2	10.8	16.2

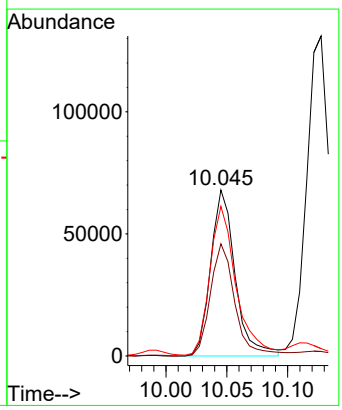


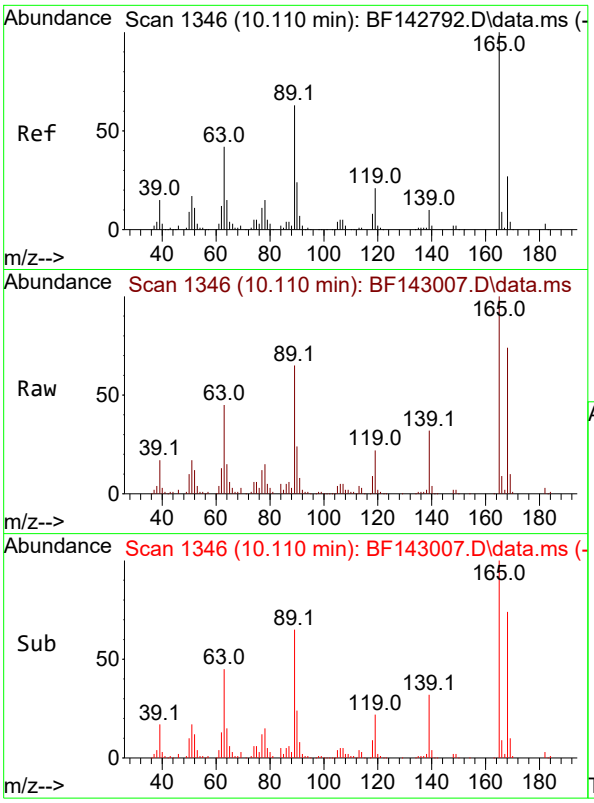


#56
4-Nitrophenol
Concen: 73.153 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:139 Resp: 95299

Ion	Ratio	Lower	Upper
139	100		
109	67.5	44.7	84.7
65	90.1	69.8	109.8



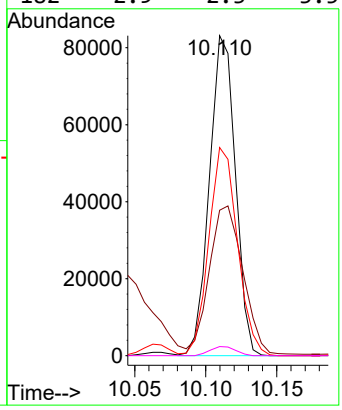


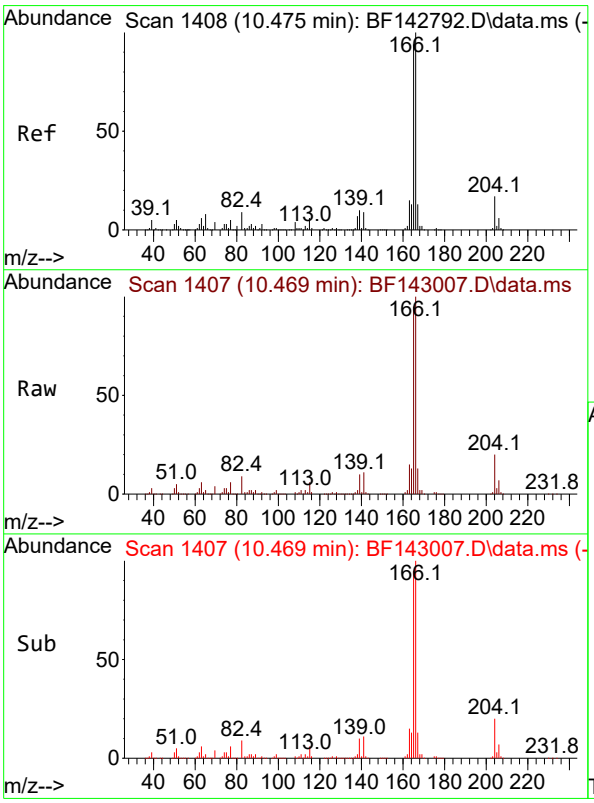
#57
2,4-Dinitrotoluene
Concen: 46.087 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:165 Resp: 105804

Ion	Ratio	Lower	Upper
165	100		
63	45.5	33.9	50.9
89	65.0	50.6	75.8
182	2.9	2.3	3.5

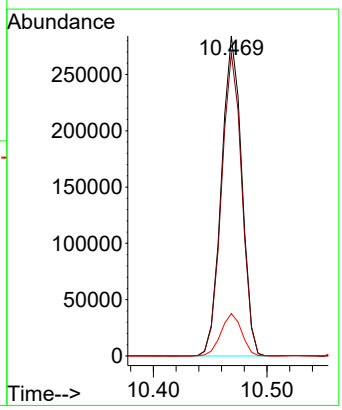


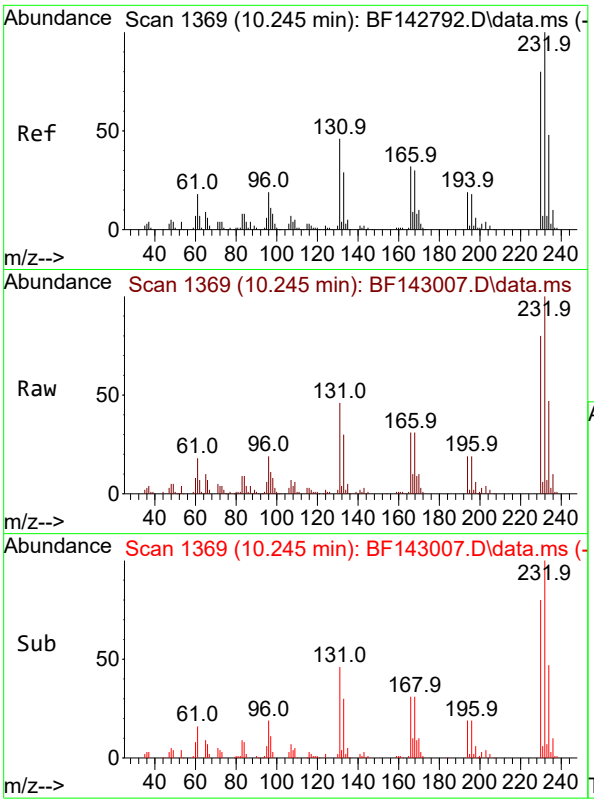


#58
Fluorene
Concen: 43.483 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:166 Resp: 352523

Ion	Ratio	Lower	Upper
166	100		
165	94.6	75.2	112.8
167	13.2	10.6	15.8



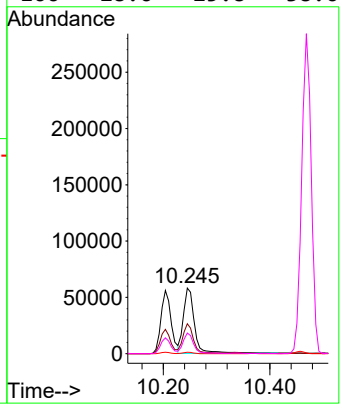


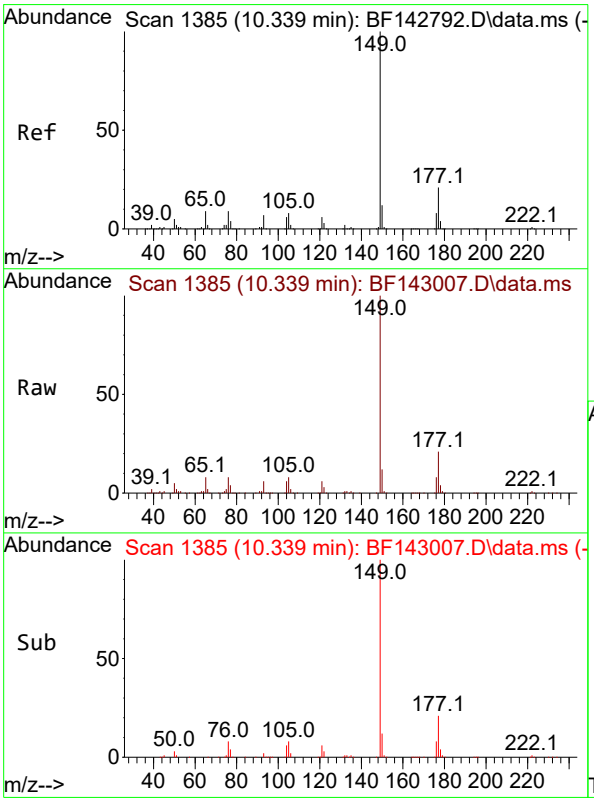
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.119 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:232 Resp: 83547

Ion	Ratio	Lower	Upper
232	100		
131	43.3	37.6	56.4
130	2.0	1.7	2.5
166	28.6	25.8	38.6

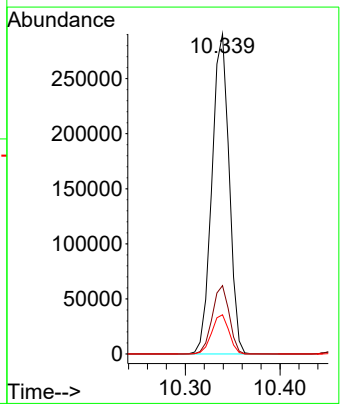


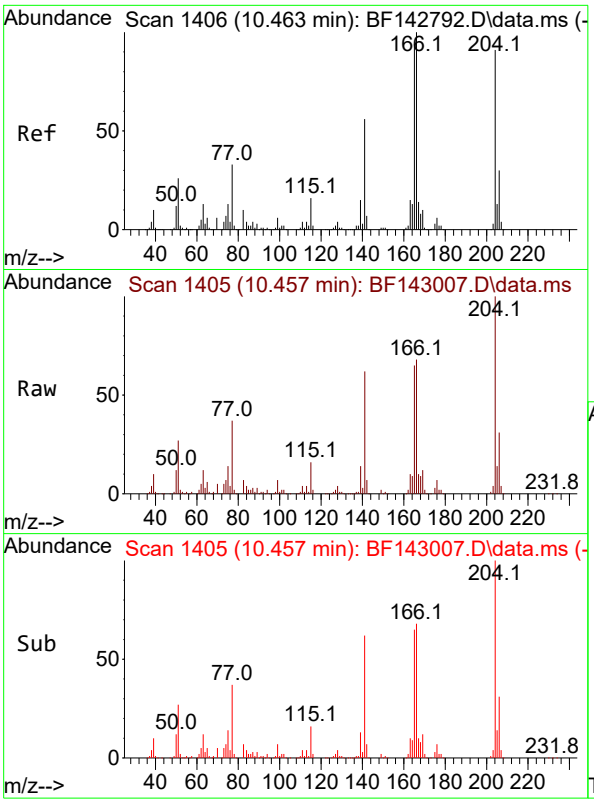


#60
Diethylphthalate
Concen: 47.440 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:149 Resp: 366072

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.0	25.6
150	12.3	9.8	14.6



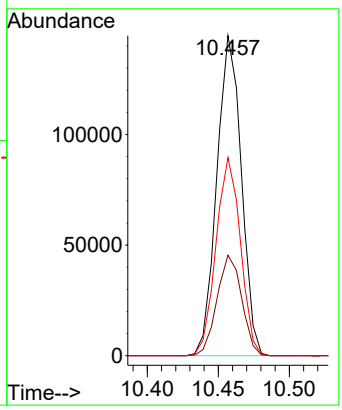


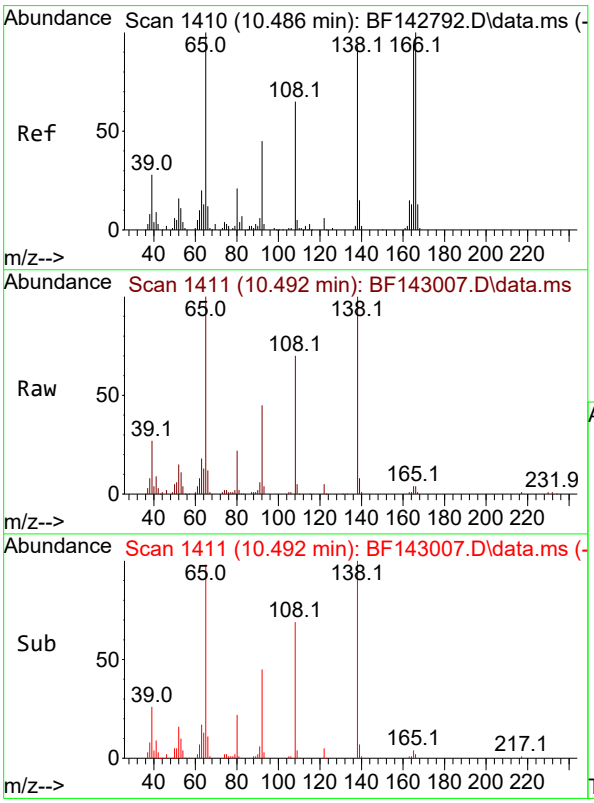
#61
4-Chlorophenyl-phenylether
Concen: 44.893 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:204 Resp: 173673

Ion	Ratio	Lower	Upper
204	100		
206	31.4	26.3	39.5
141	61.9	49.1	73.7

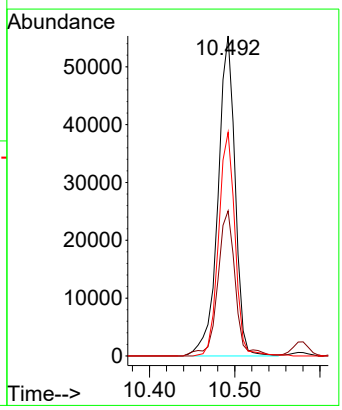


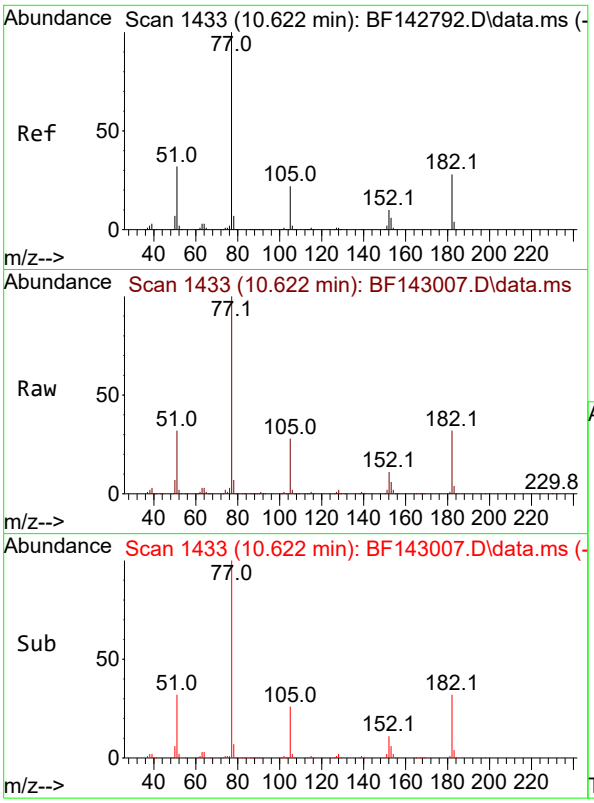


#62
4-Nitroaniline
Concen: 44.418 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:138 Resp: 77303

Ion	Ratio	Lower	Upper
138	100		
92	45.4	28.4	68.4
108	69.9	50.2	90.2



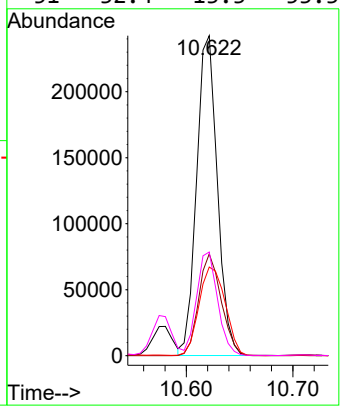


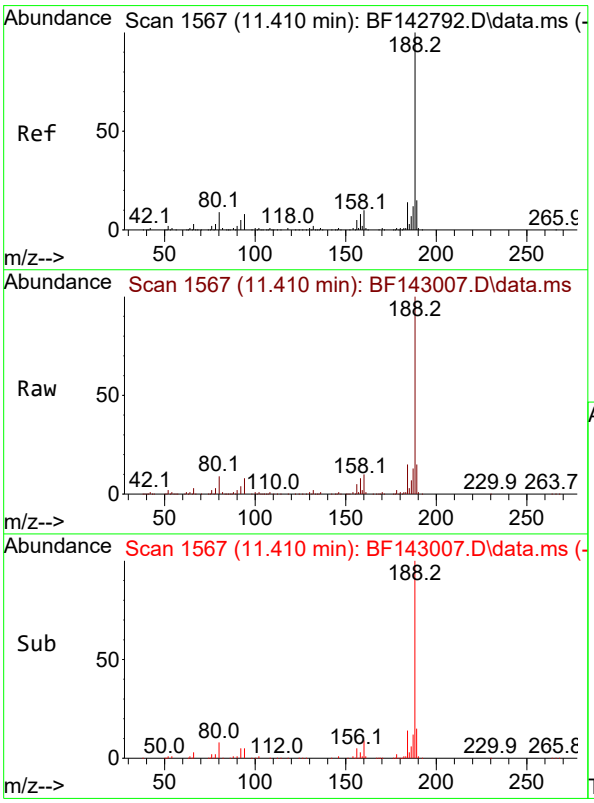
#63
Azobenzene
Concen: 47.607 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion: 77 Resp: 328329

Ion	Ratio	Lower	Upper
77	100		
182	31.8	7.7	47.7
105	27.7	1.9	41.9
51	32.4	13.3	53.3

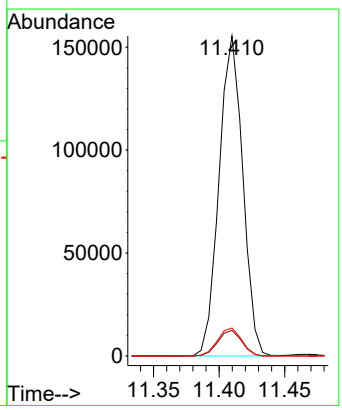


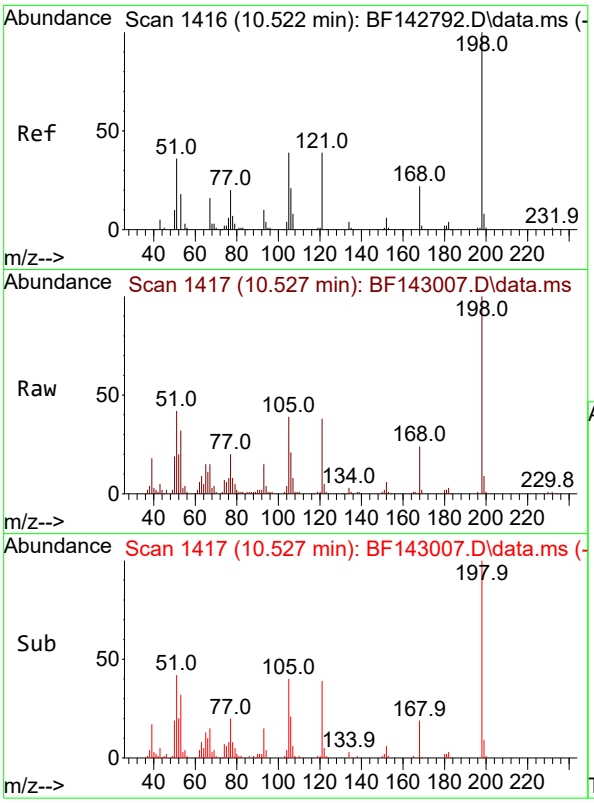


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:188 Resp: 195379

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.7	6.9	10.3



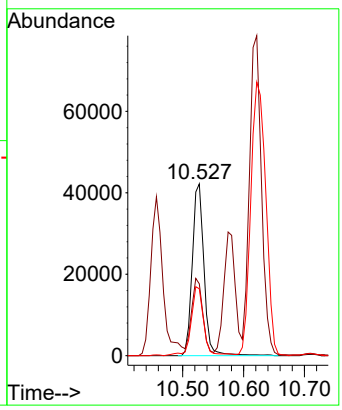


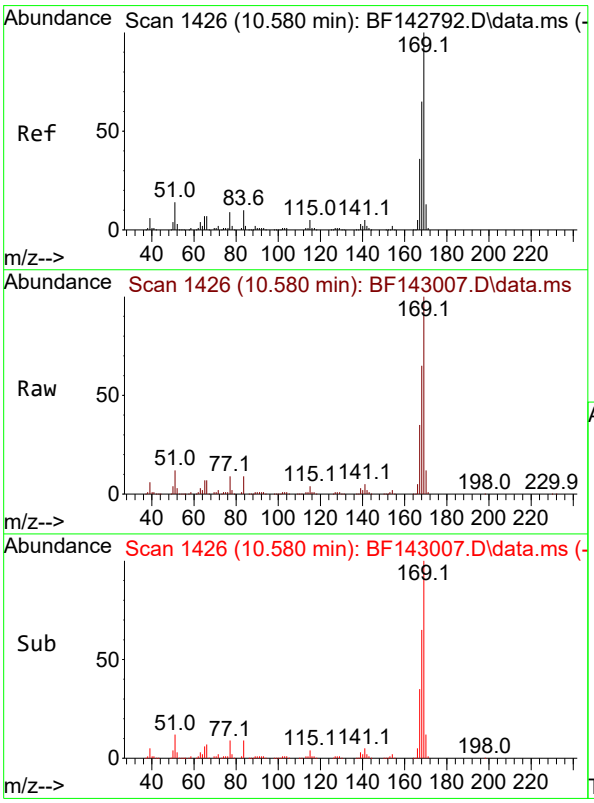
#65
4,6-Dinitro-2-methylphenol
Concen: 47.778 ng
RT: 10.527 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:198 Resp: 56463

Ion	Ratio	Lower	Upper
198	100		
51	41.8	25.4	65.4
105	38.9	20.4	60.4

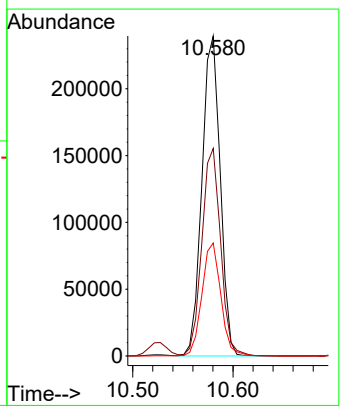


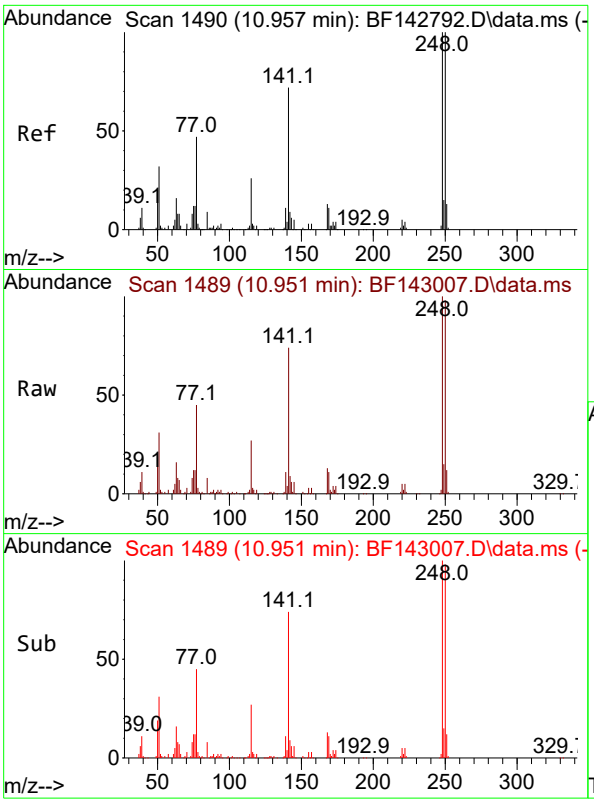


#66
n-Nitrosodiphenylamine
Concen: 44.920 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:169 Resp: 304172

Ion	Ratio	Lower	Upper
169	100		
168	64.8	51.9	77.9
167	35.3	28.5	42.7



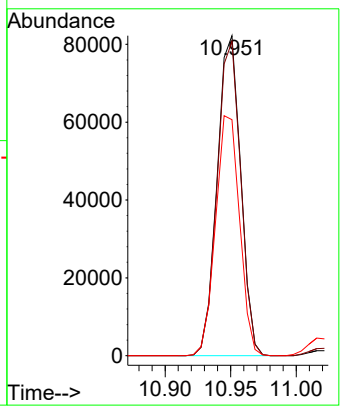


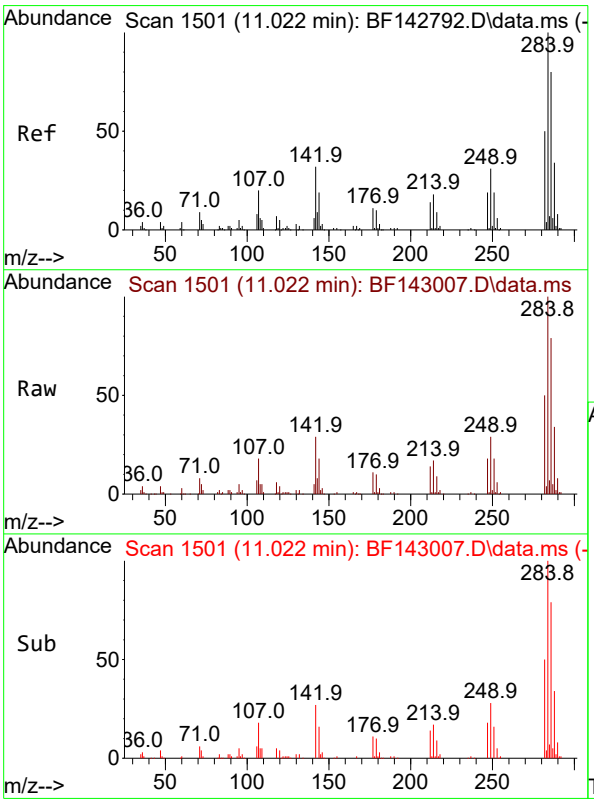
#67
4-Bromophenyl-phenylether
Concen: 46.213 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:248 Resp: 102759

Ion	Ratio	Lower	Upper
248	100		
250	98.2	79.8	119.8
141	73.8	57.8	86.6

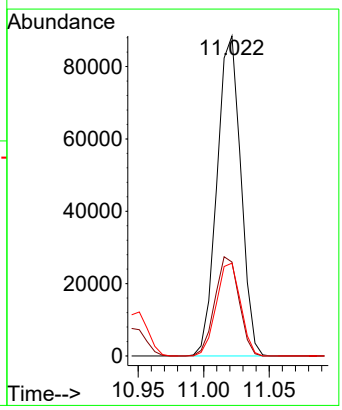


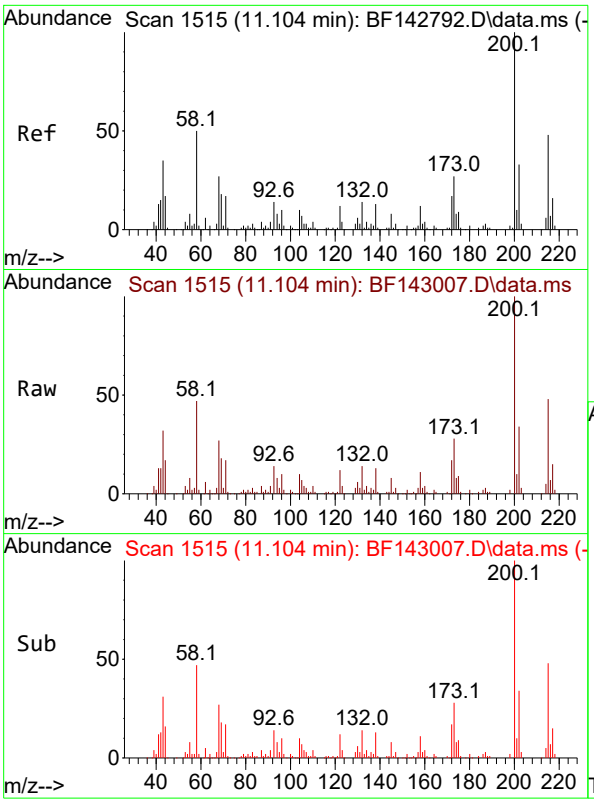


#68
Hexachlorobenzene
Concen: 45.192 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:284 Resp: 111659

Ion	Ratio	Lower	Upper
284	100		
142	29.4	25.5	38.3
249	29.0	24.9	37.3



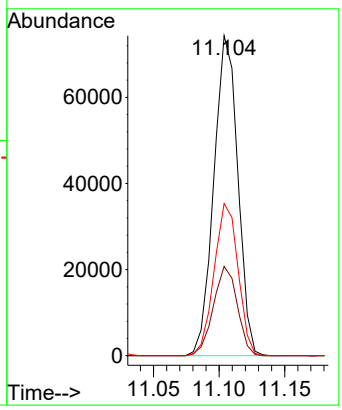


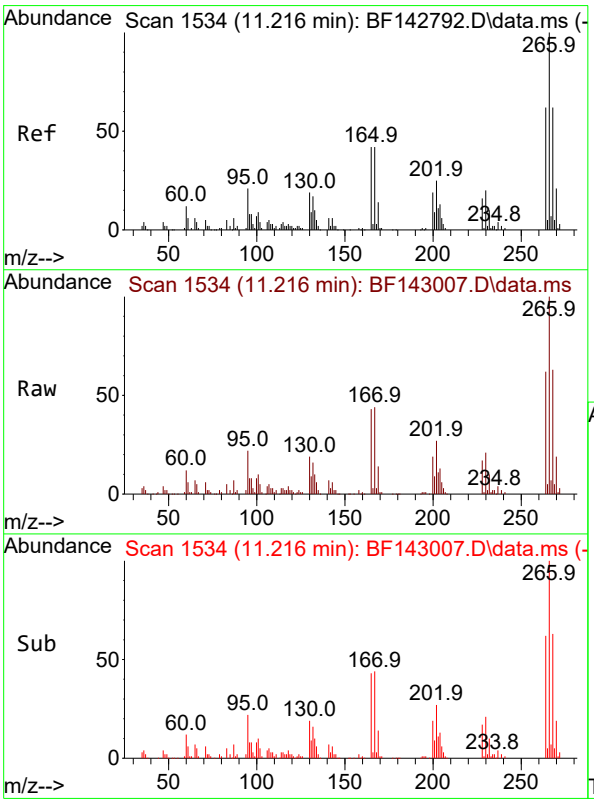
#69
Atrazine
Concen: 53.886 ng
RT: 11.104 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:200 Resp: 94224

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.4	47.4
215	47.5	28.4	68.4

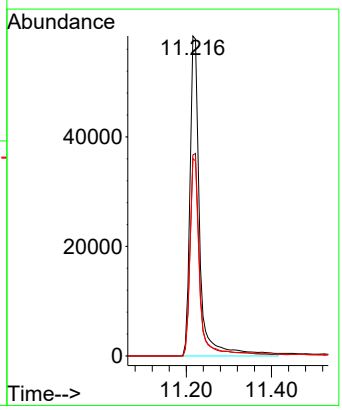


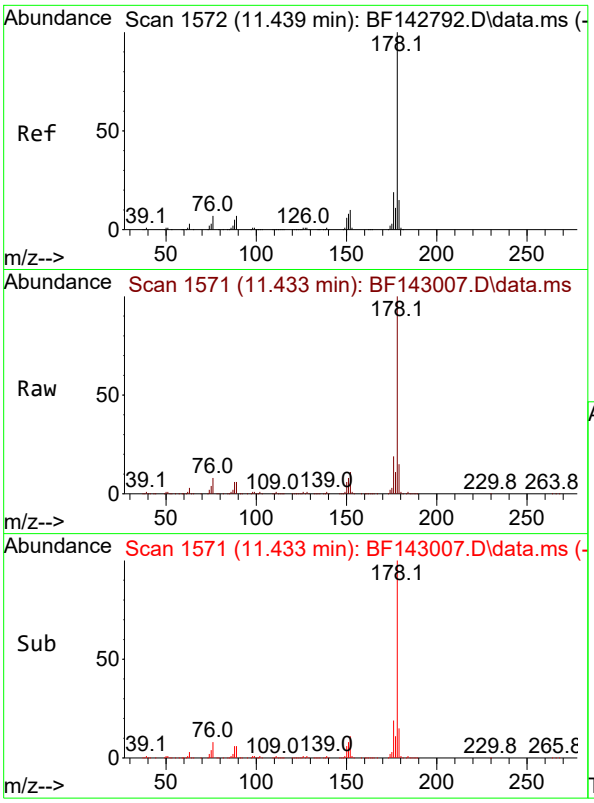


#70
Pentachlorophenol
Concen: 75.810 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:266 Resp: 93337

Ion	Ratio	Lower	Upper
266	100		
268	62.8	49.8	74.8
264	61.7	49.9	74.9



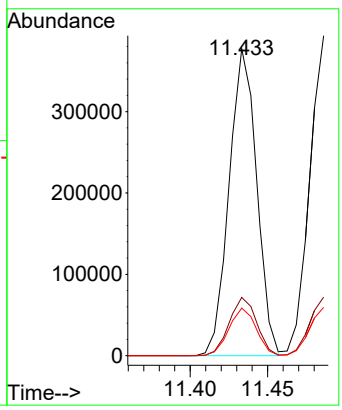


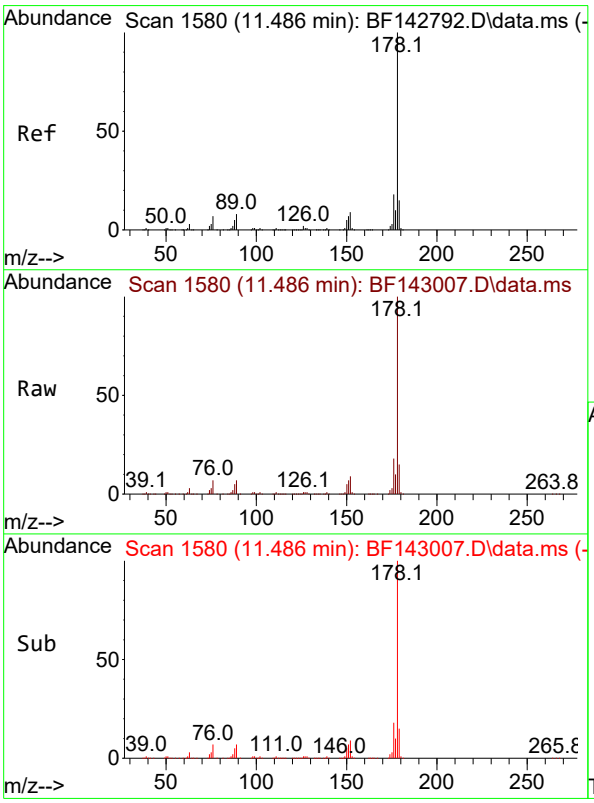
#71
Phenanthrene
Concen: 44.119 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:178 Resp: 466946

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.5	12.0	18.0

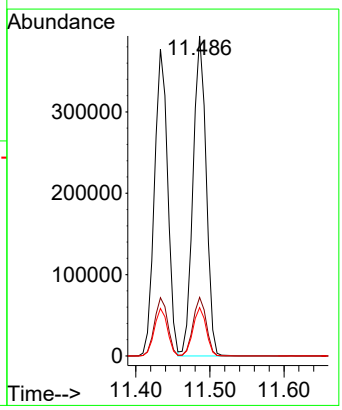


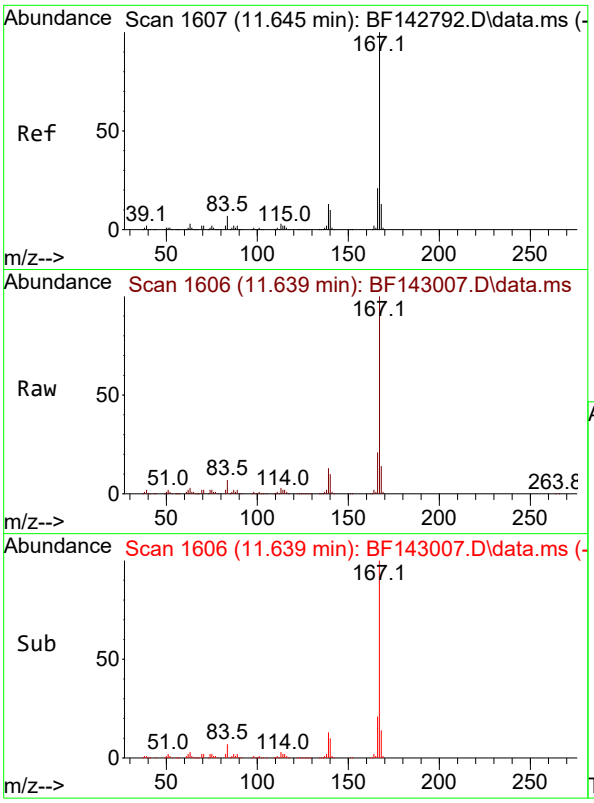


#72
Anthracene
Concen: 44.560 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:178 Resp: 483681

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.1	12.4	18.6



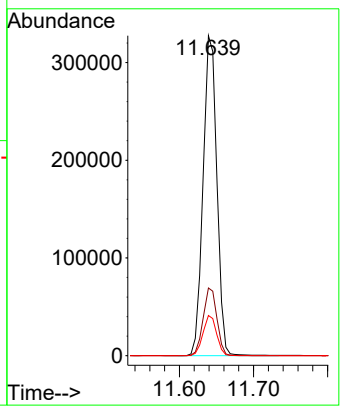


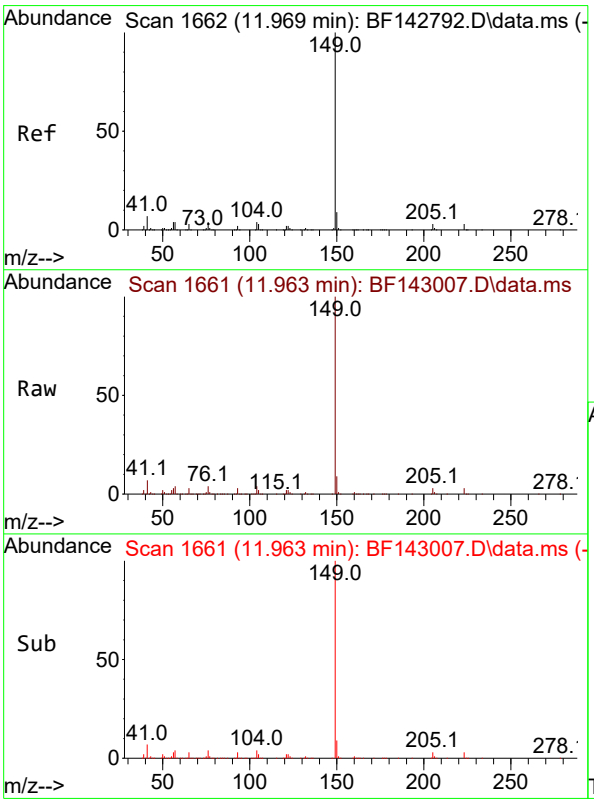
#73
Carbazole
Concen: 45.221 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:167 Resp: 423583

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	12.6	10.2	15.2

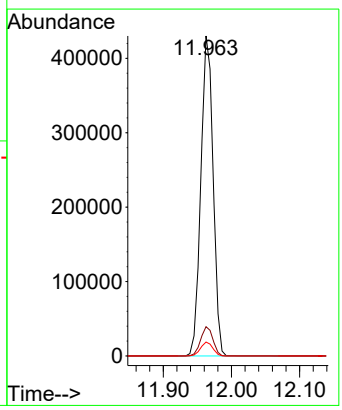


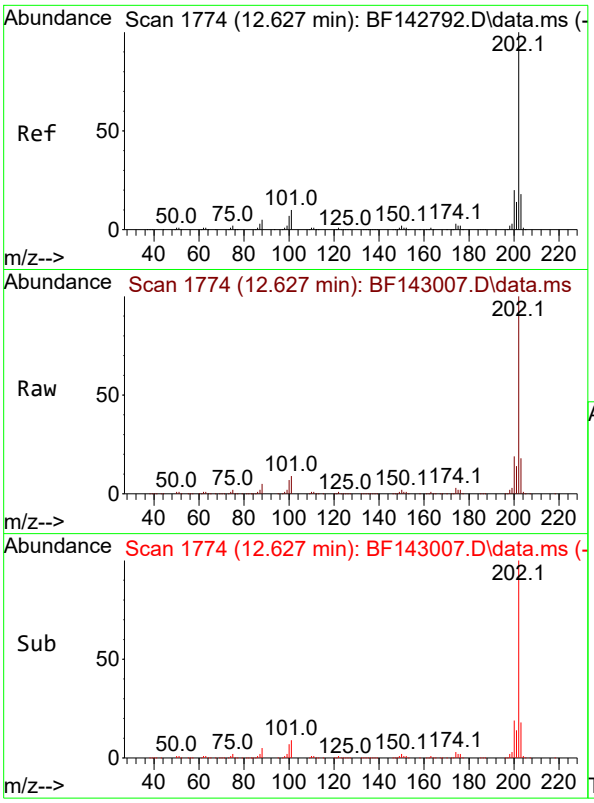


#74
Di-n-butylphthalate
Concen: 55.229 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:149 Resp: 538929

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.3	3.5	5.3



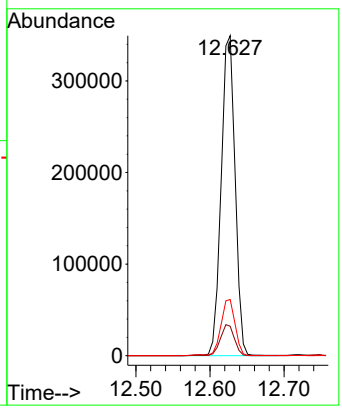


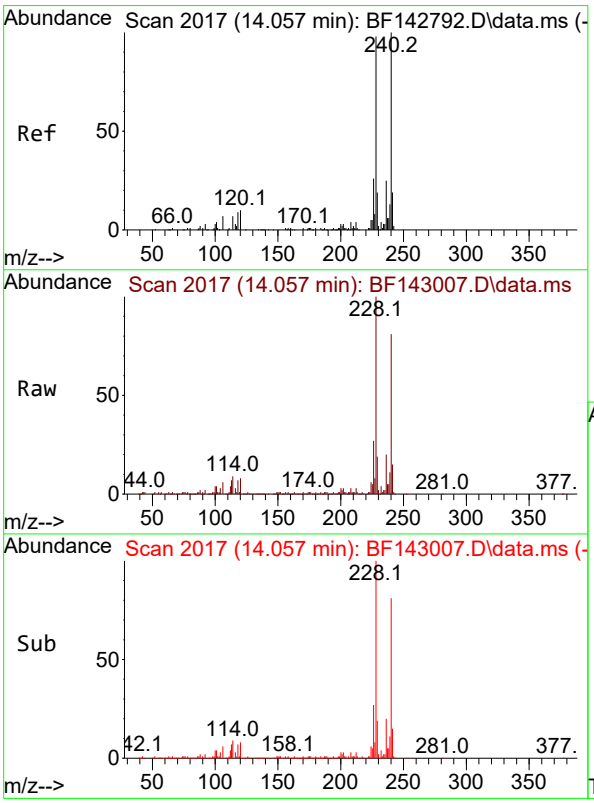
#75
Fluoranthene
Concen: 45.521 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:202 Resp: 457235

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.7
203	17.5	0.0	37.5

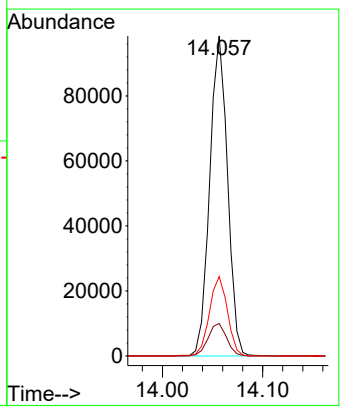


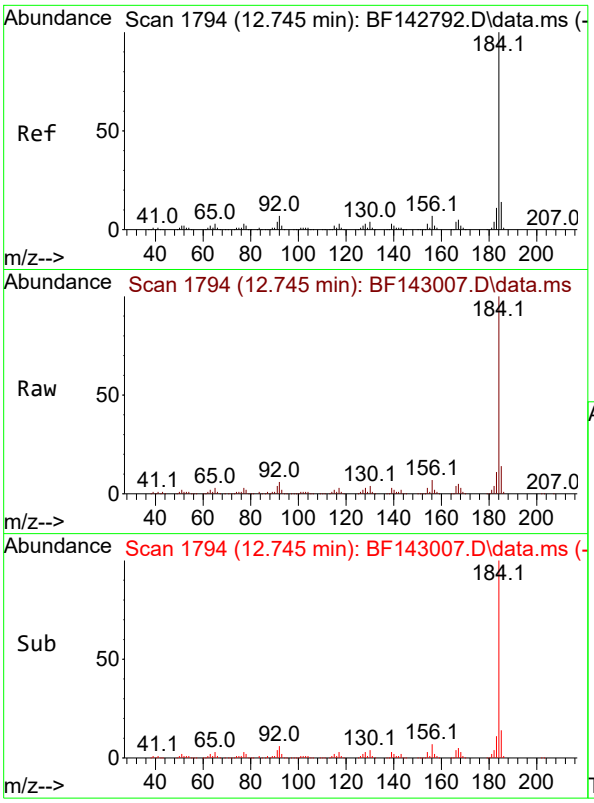


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:240 Resp: 121256

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	24.8	19.8	29.8



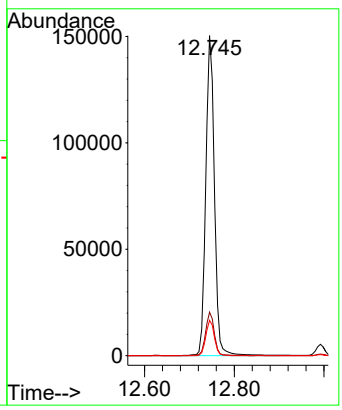


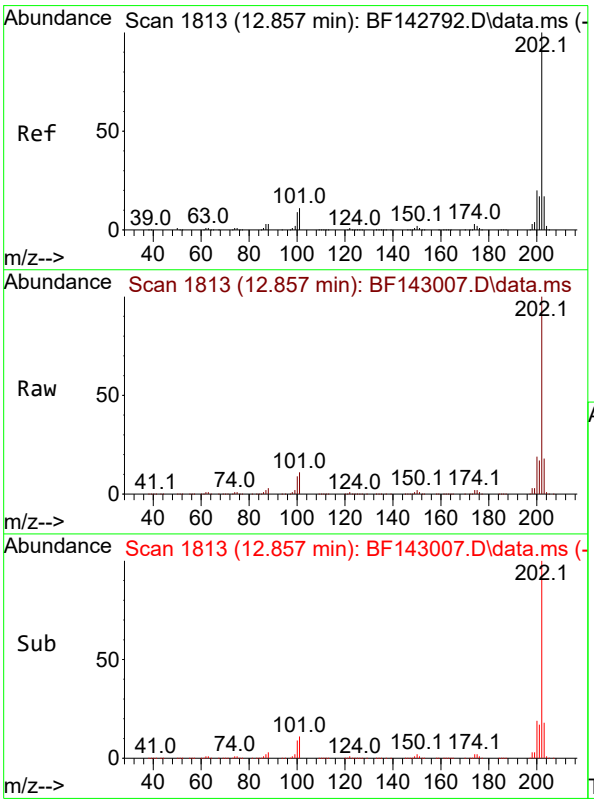
#77
Benzidine
Concen: 44.245 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:184 Resp: 201566

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.5	17.3
183	11.1	9.0	13.4

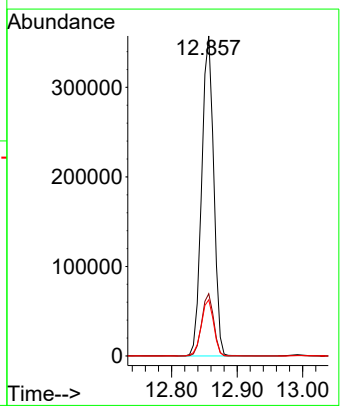


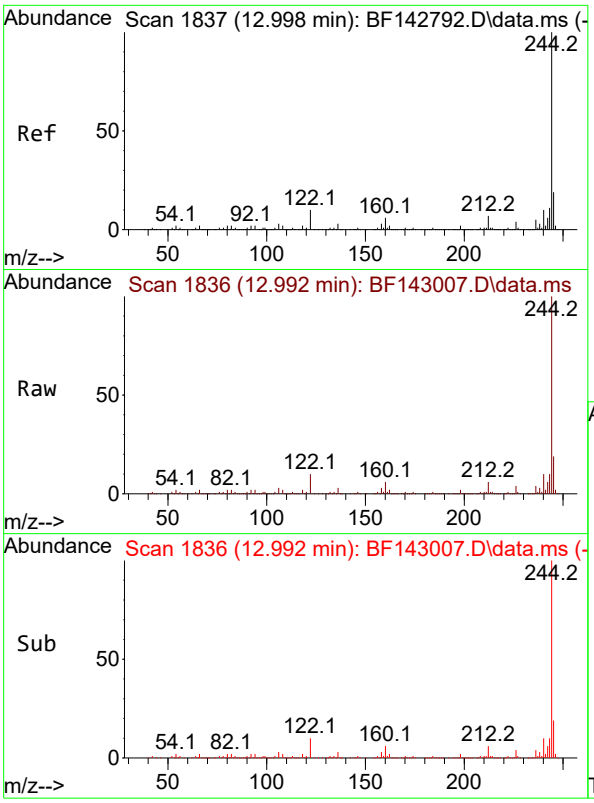


#78
Pyrene
Concen: 40.307 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:202 Resp: 458121

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.7	23.5
203	17.6	13.8	20.6



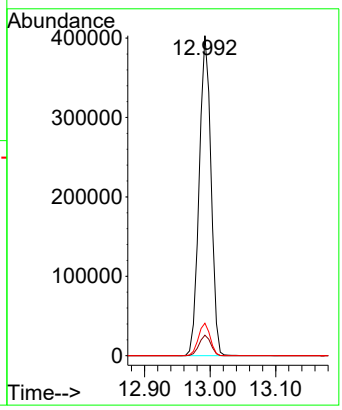


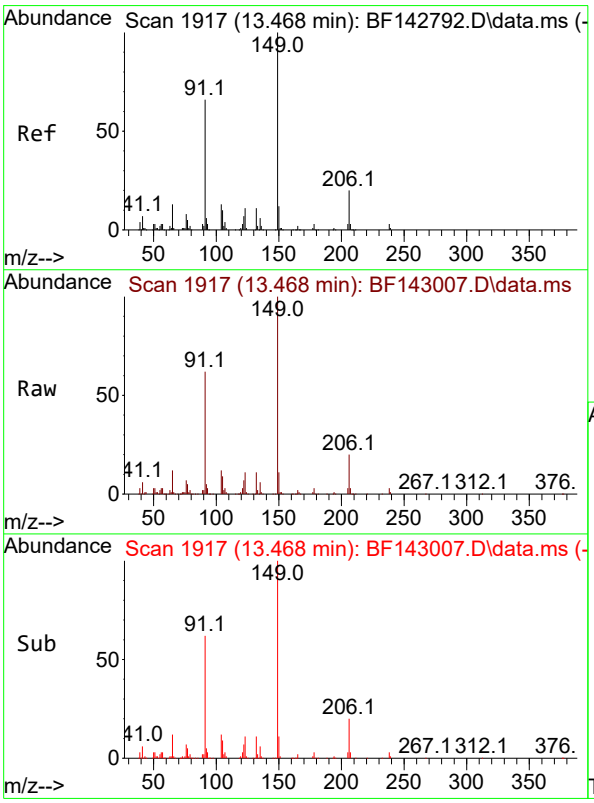
#79
Terphenyl-d14
Concen: 57.729 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:244 Resp: 506622

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.2	8.2	12.2

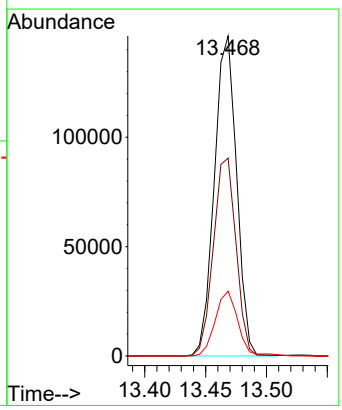


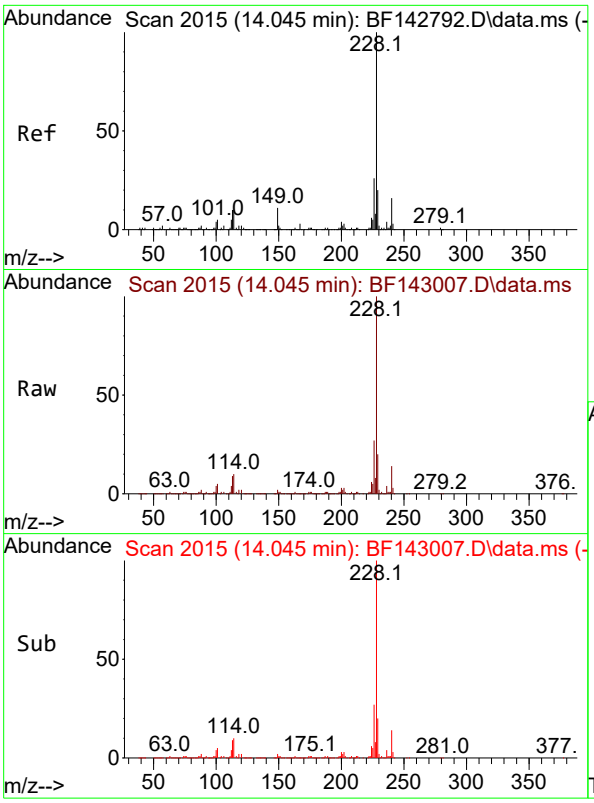


#80
Butylbenzylphthalate
Concen: 56.449 ng
RT: 13.468 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:149 Resp: 186108

Ion	Ratio	Lower	Upper
149	100		
91	61.8	52.9	79.3
206	20.2	16.3	24.5



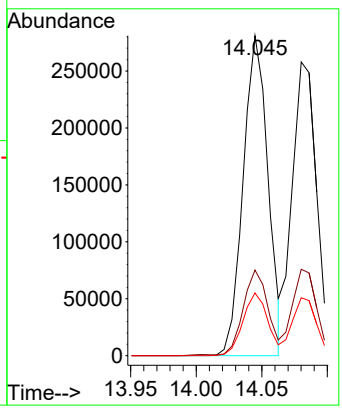


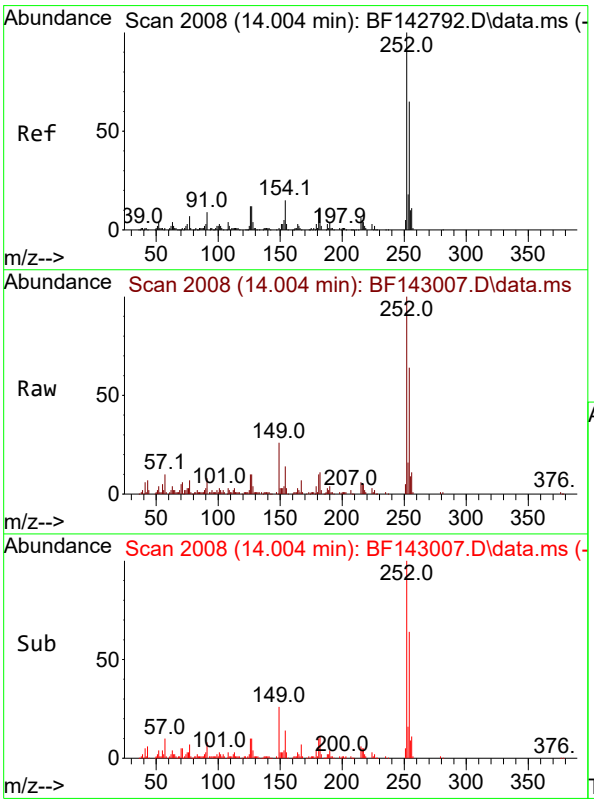
#81
Benzo(a)anthracene
Concen: 45.148 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:228 Resp: 369312

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.2	31.8
229	19.6	15.6	23.4

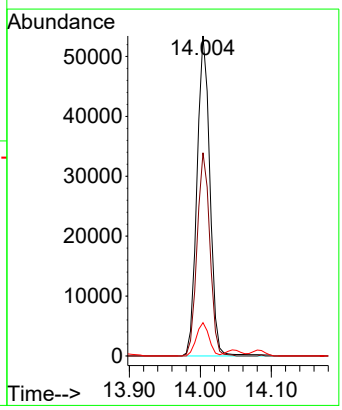


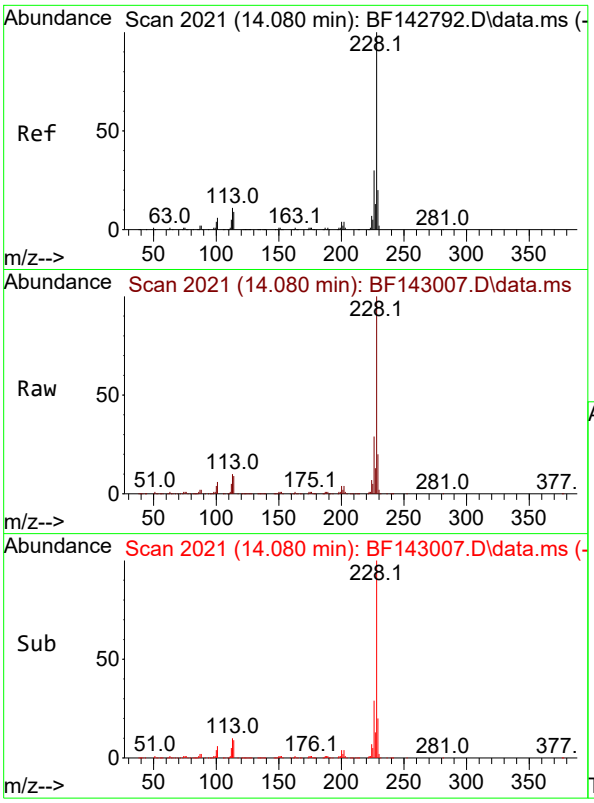


#82
3,3'-Dichlorobenzidine
Concen: 25.531 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:252 Resp: 67741

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.7	77.5
126	10.4	9.4	14.2



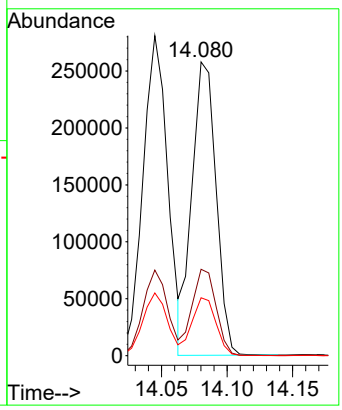


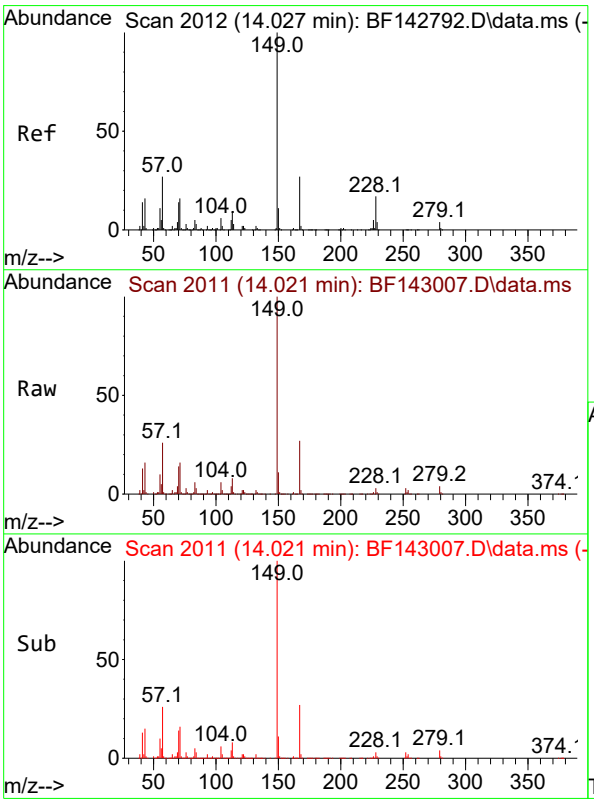
#83
Chrysene
Concen: 45.368 ng
RT: 14.080 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:228 Resp: 331148

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	19.7	15.7	23.5

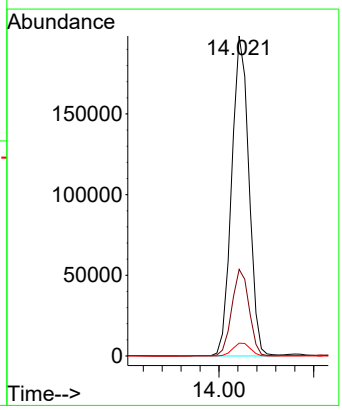


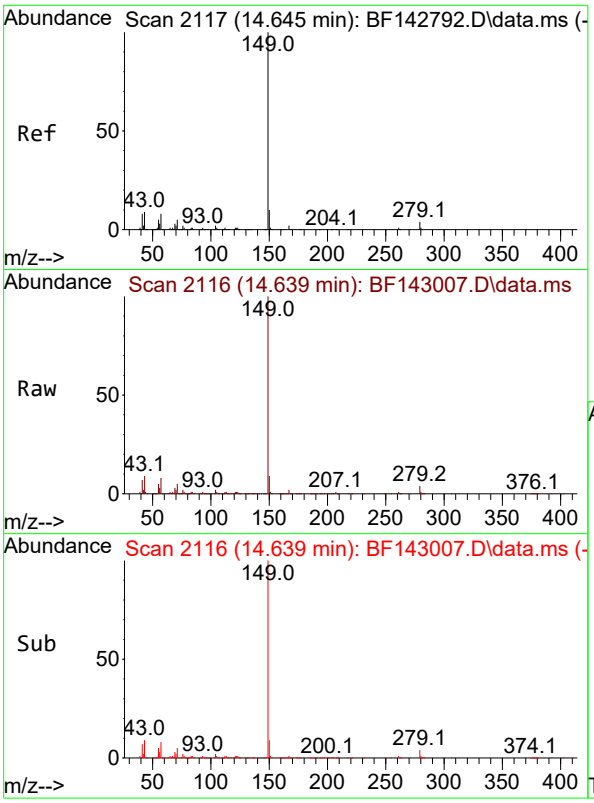


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.844 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:149 Resp: 250667

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	4.0	3.0	4.6



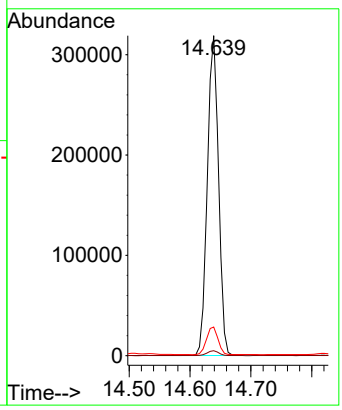


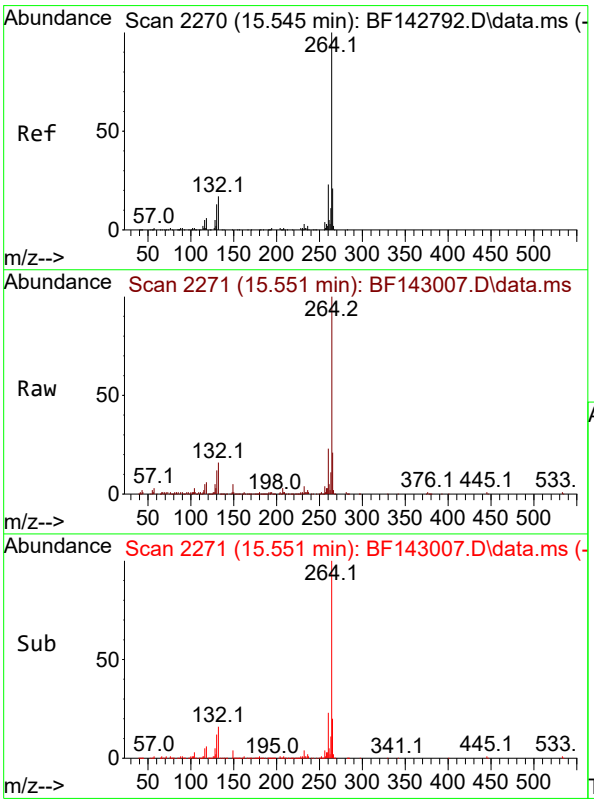
#85
Di-n-octyl phthalate
Concen: 45.580 ng
RT: 14.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:149 Resp: 407697

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.9	7.6	11.4

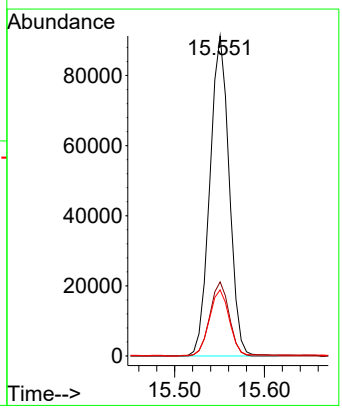


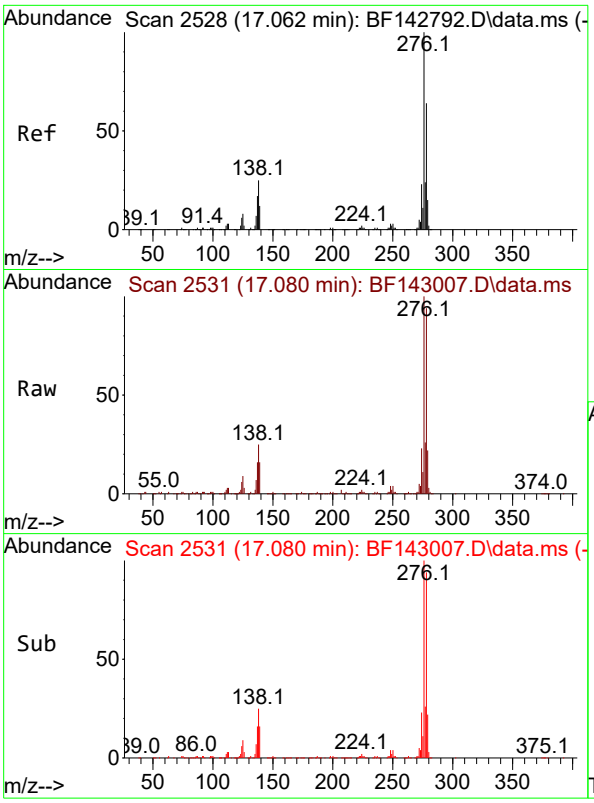


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:264 Resp: 136589

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.1	27.1
265	20.6	16.6	25.0



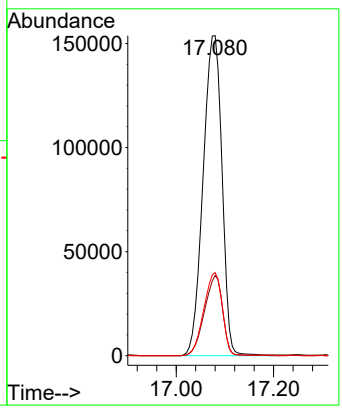


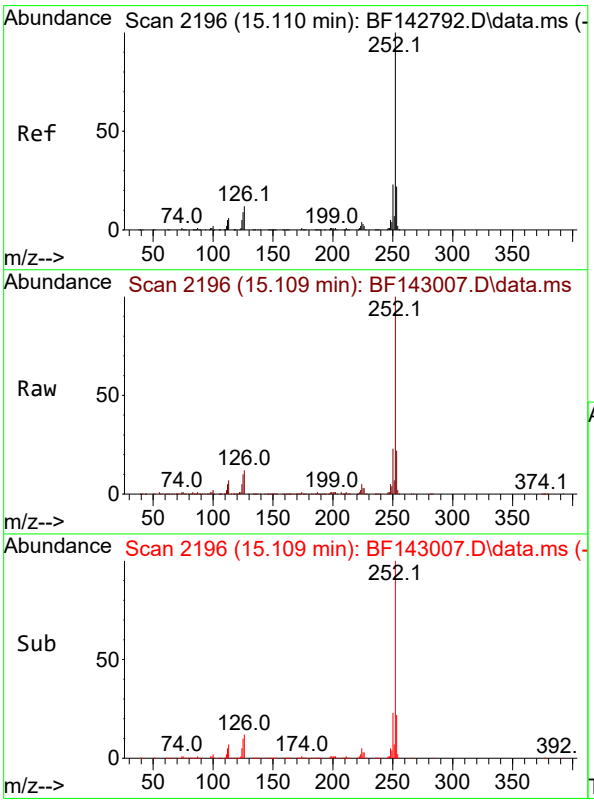
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.728 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:276 Resp: 413329

Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.2	30.4
277	25.4	19.8	29.6

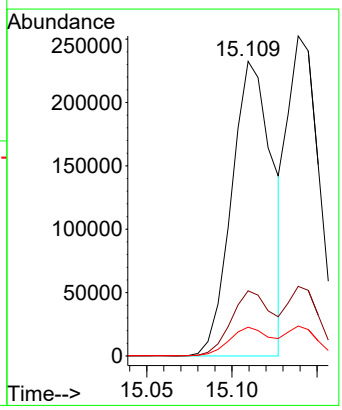


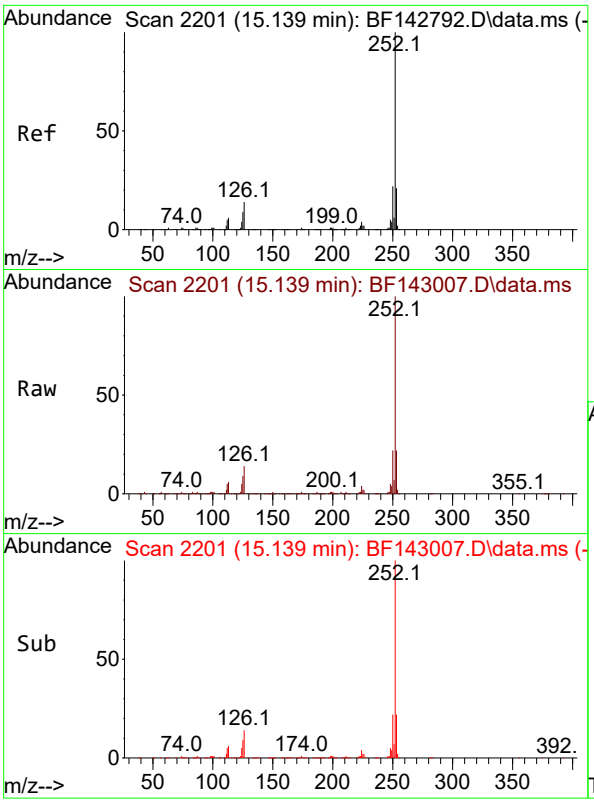


#88
Benzo(b)fluoranthene
Concen: 48.861 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:252 Resp: 386178

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.8	7.4	11.0



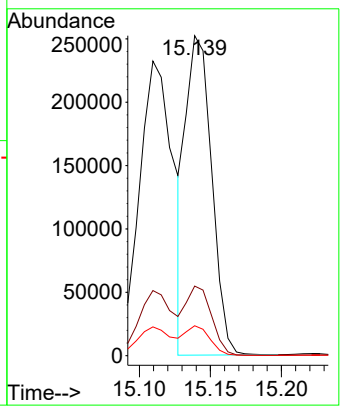


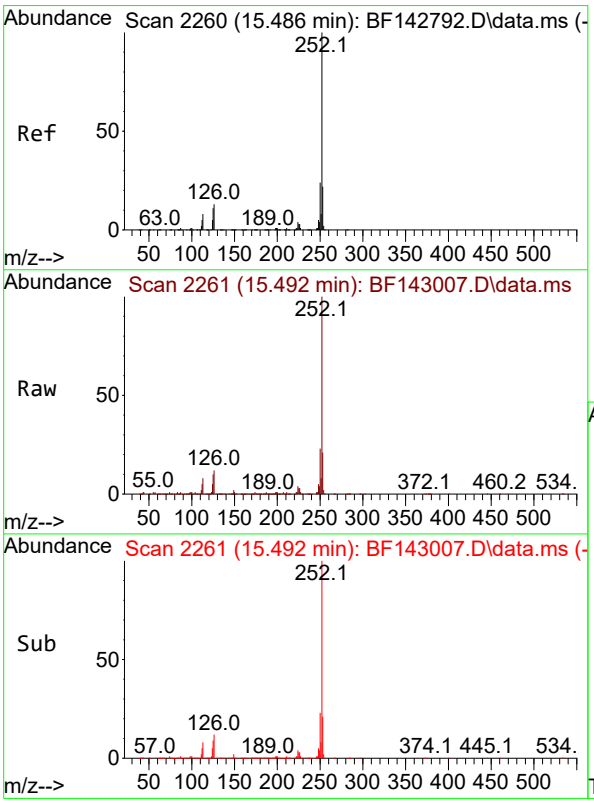
#89
Benzo(k)fluoranthene
Concen: 43.383 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:252 Resp: 320791

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.3	7.4	11.2

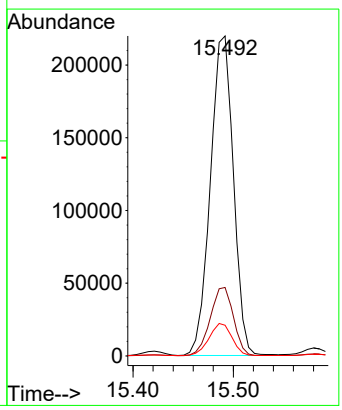


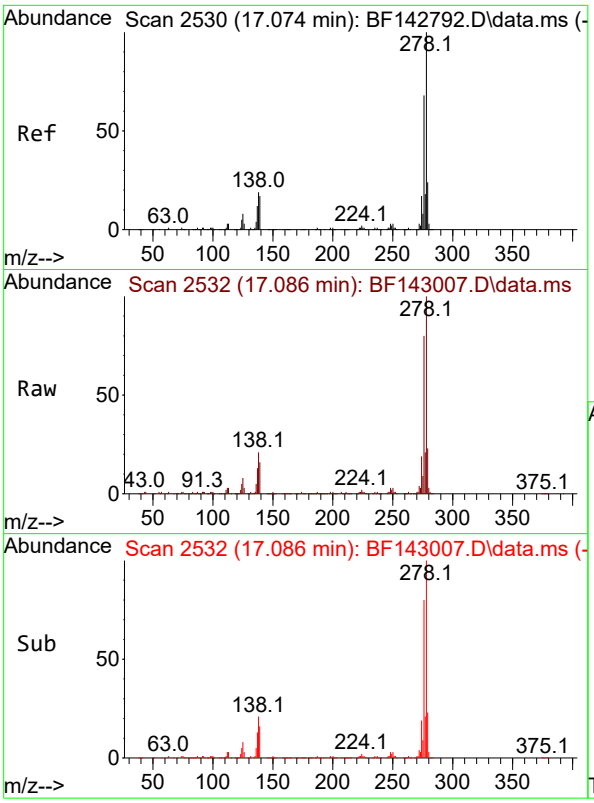


#90
Benzo(a)pyrene
Concen: 45.987 ng
RT: 15.492 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:252 Resp: 351129

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	9.6	8.6	12.8



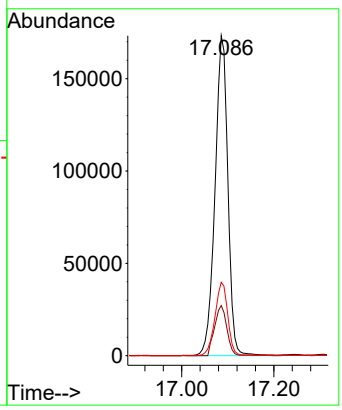


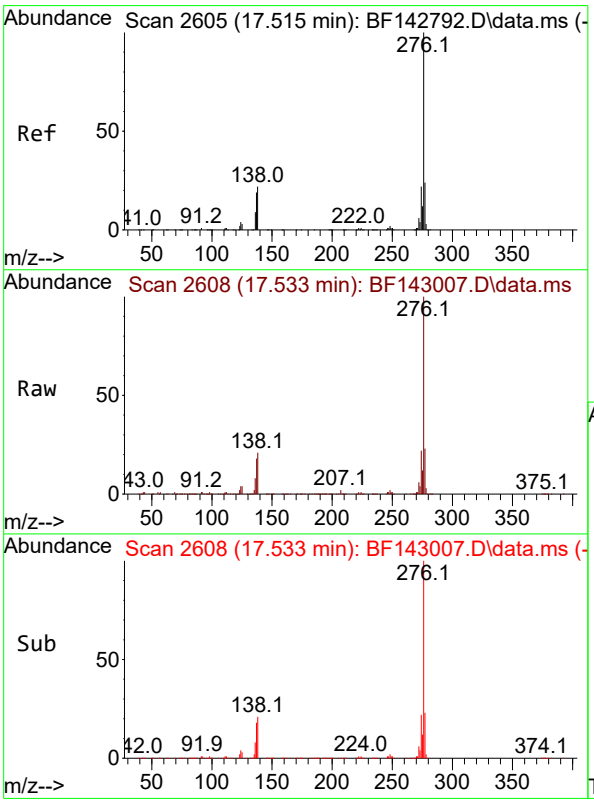
#91
Dibenzo(a,h)anthracene
Concen: 39.658 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:278 Resp: 335241

Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.5	20.3
279	23.0	18.8	28.2

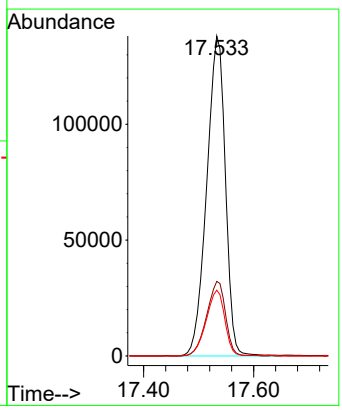




#92
Benzo(g,h,i)perylene
Concen: 38.710 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:276 Resp: 326298

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	20.6	17.6	26.4



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Manual Integration Report

Sequence:	BF061925	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	bf070725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF143003.D	2,4-Dimethylphenol	Rahul	7/8/2025 10:38:41 AM	Jagrut	7/8/2025 11:32:09 AM	Peak Integrated by Software
SSTDCCC040	BF143003.D	Acenaphthene	Rahul	7/8/2025 10:38:41 AM	Jagrut	7/8/2025 11:32:09 AM	Peak Integrated by Software
Q2493-01MS	BF143006.D	2,4-Dimethylphenol	Rahul	7/8/2025 10:38:43 AM	Jagrut	7/8/2025 11:32:11 AM	Peak Integrated by Software
Q2493-01MS	BF143006.D	Acenaphthene	Rahul	7/8/2025 10:38:43 AM	Jagrut	7/8/2025 11:32:11 AM	Peak Integrated by Software
Q2493-01MSD	BF143007.D	Acenaphthene	Rahul	7/8/2025 10:38:46 AM	Jagrut	7/8/2025 11:32:15 AM	Peak Integrated by Software
Q2487-10	BF143009.D	Benzo(b)fluoranthene	Rahul	7/8/2025 10:38:49 AM	Jagrut	7/8/2025 11:32:18 AM	Peak Integrated by Software
Q2487-14	BF143010.D	Benzo(b)fluoranthene	Rahul	7/8/2025 10:38:51 AM	Jagrut	7/8/2025 11:32:20 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf070825	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF143025.D	Acenaphthene	Rahul	7/9/2025 9:40:41 AM	Jagrut	7/9/2025 2:16:01 PM	Peak Integrated by Software
PB168722BS	BF143029.D	2,4-Dimethylphenol	Rahul	7/9/2025 9:40:48 AM	Jagrut	7/9/2025 2:16:10 PM	Peak Integrated by Software
PB168722BS	BF143029.D	Acenaphthene	Rahul	7/9/2025 9:40:48 AM	Jagrut	7/9/2025 2:16:10 PM	Peak Integrated by Software
PB168722BS	BF143029.D	Caprolactam	Rahul	7/9/2025 9:40:48 AM	Jagrut	7/9/2025 2:16:10 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf070925	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF143048.D	2,4-Dimethylphenol	Rahul	7/10/2025 10:08:16 AM	Jagrut	7/10/2025 5:36:00 PM	Peak Integrated by Software
SSTDCCC040	BF143048.D	Acenaphthene	Rahul	7/10/2025 10:08:16 AM	Jagrut	7/10/2025 5:36:00 PM	Peak Integrated by Software
Q2487-13	BF143063.D	Benzo(b)fluoranthene	Rahul	7/10/2025 10:08:27 AM	Jagrut	7/10/2025 5:36:12 PM	Peak Integrated by Software
Q2487-13	BF143063.D	Benzo(k)fluoranthene	Rahul	7/10/2025 10:08:27 AM	Jagrut	7/10/2025 5:36:12 PM	Peak Integrated by Software
Q2487-13	BF143063.D	Dibenzo(a,h)anthracene	Rahul	7/10/2025 10:08:27 AM	Jagrut	7/10/2025 5:36:12 PM	Peak Integrated by Software
Q2487-09	BF143064.D	Benzo(b)fluoranthene	Rahul	7/10/2025 10:08:30 AM	Jagrut	7/10/2025 5:36:14 PM	Peak Integrated by Software
Q2487-16	BF143067.D	Benzo(b)fluoranthene	Rahul	7/10/2025 10:08:35 AM	Jagrut	7/10/2025 5:36:19 PM	Peak Integrated by Software
Q2487-16	BF143067.D	Benzo(k)fluoranthene	Rahul	7/10/2025 10:08:35 AM	Jagrut	7/10/2025 5:36:19 PM	Peak Integrated by Software
Q2487-11	BF143068.D	Benzo(b)fluoranthene	Rahul	7/10/2025 10:08:38 AM	Jagrut	7/10/2025 5:36:21 PM	Peak Integrated by Software
Q2487-11	BF143068.D	Benzo(k)fluoranthene	Rahul	7/10/2025 10:08:38 AM	Jagrut	7/10/2025 5:36:21 PM	Peak Integrated by Software
Q2487-15	BF143069.D	Benzo(b)fluoranthene	Rahul	7/10/2025 10:08:41 AM	Jagrut	7/10/2025 5:36:24 PM	Peak Integrated by Software
Q2487-15	BF143069.D	Benzo(k)fluoranthene	Rahul	7/10/2025 10:08:41 AM	Jagrut	7/10/2025 5:36:24 PM	Peak Integrated by Software
Q2487-15	BF143069.D	Chrysene	Rahul	7/10/2025 10:08:41 AM	Jagrut	7/10/2025 5:36:24 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf070925	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	BP070325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025072.D	Acenaphthene	Rahul	7/7/2025 11:35:36 AM	Jagrut	7/7/2025 12:14:15 PM	Peak Integrated by Software
SSTDICC005	BP025072.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:36 AM	Jagrut	7/7/2025 12:14:15 PM	Peak Integrated by Software
SSTDICC010	BP025073.D	Acenaphthene	Rahul	7/7/2025 11:35:39 AM	Jagrut	7/7/2025 12:14:23 PM	Peak Integrated by Software
SSTDICC020	BP025074.D	Acenaphthene	Rahul	7/7/2025 11:35:42 AM	Jagrut	7/7/2025 12:14:25 PM	Peak Integrated by Software
SSTDICCC040	BP025075.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:44 AM	Jagrut	7/7/2025 12:14:28 PM	Peak Integrated by Software
SSTDICC050	BP025076.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:46 AM	Jagrut	7/7/2025 12:14:34 PM	Peak Integrated by Software
SSTDICC050	BP025076.D	Pyridine	Rahul	7/7/2025 11:35:46 AM	Jagrut	7/7/2025 12:14:34 PM	Peak Integrated by Software
SSTDICC060	BP025077.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:49 AM	Jagrut	7/7/2025 12:14:37 PM	Peak Integrated by Software
SSTDICC060	BP025077.D	Pyridine	Rahul	7/7/2025 11:35:49 AM	Jagrut	7/7/2025 12:14:37 PM	Peak Integrated by Software
SSTDICC080	BP025078.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:51 AM	Jagrut	7/7/2025 12:14:42 PM	Peak Integrated by Software
SSTDICC080	BP025078.D	Pyridine	Rahul	7/7/2025 11:35:51 AM	Jagrut	7/7/2025 12:14:42 PM	Peak Integrated by Software
SSTDICV040	BP025079.D	Acenaphthene	Rahul	7/7/2025 11:35:54 AM	Jagrut	7/7/2025 12:14:48 PM	Peak Integrated by Software
SSTDICV040	BP025079.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:54 AM	Jagrut	7/7/2025 12:14:48 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP070325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	bp071025	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025082.D	Indeno(1,2,3-cd)pyrene	Rahul	7/11/2025 12:09:53 PM	Jagrut	7/11/2025 12:39:13 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp071525	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061925

Review By	Rahul	Review On	6/23/2025 3:55:52 PM		
Supervise By	Jagrut	Supervise On	6/24/2025 3:17:49 PM		
SubDirectory	BF061925	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12670,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142787.D	19 Jun 2025 16:37	RC/JU	Ok
2	SSTDICC2.5	BF142788.D	19 Jun 2025 17:07	RC/JU	Ok
3	SSTDICC005	BF142789.D	19 Jun 2025 17:38	RC/JU	Ok
4	SSTDICC010	BF142790.D	19 Jun 2025 18:08	RC/JU	Ok
5	SSTDICC020	BF142791.D	19 Jun 2025 18:39	RC/JU	Ok
6	SSTDICCC040	BF142792.D	19 Jun 2025 19:09	RC/JU	Ok
7	SSTDICC050	BF142793.D	19 Jun 2025 19:40	RC/JU	Ok
8	SSTDICC060	BF142794.D	19 Jun 2025 20:10	RC/JU	Ok
9	SSTDICC080	BF142795.D	19 Jun 2025 20:40	RC/JU	Ok
10	SSTDICV040	BF142796.D	19 Jun 2025 21:10	RC/JU	Ok
11	PB168536BL	BF142797.D	19 Jun 2025 22:10	RC/JU	Ok
12	PB168536BS	BF142798.D	19 Jun 2025 22:40	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_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF070725

Review By	Rahul	Review On	7/8/2025 10:39:40 AM				
Supervise By	Jagrut	Supervise On	7/8/2025 11:33:00 AM				
SubDirectory	BF070725	HP Acquire Method	BNA_F		HP Processing Method	bf061925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143002.D	07 Jul 2025 11:12	RC/JU	Ok
2	SSTDCCC040	BF143003.D	07 Jul 2025 12:12	RC/JU	Ok,M
3	PB168722BL	BF143004.D	07 Jul 2025 12:42	RC/JU	Ok
4	Q2493-01	BF143005.D	07 Jul 2025 13:16	RC/JU	Ok
5	Q2493-01MS	BF143006.D	07 Jul 2025 13:47	RC/JU	Ok,M
6	Q2493-01MSD	BF143007.D	07 Jul 2025 14:17	RC/JU	Ok,M
7	Q2487-12	BF143008.D	07 Jul 2025 14:47	RC/JU	Ok
8	Q2487-10	BF143009.D	07 Jul 2025 15:17	RC/JU	Ok,M
9	Q2487-14	BF143010.D	07 Jul 2025 15:48	RC/JU	Ok,M
10	Q2491-01	BF143011.D	07 Jul 2025 16:18	RC/JU	Ok,M
11	Q2478-04	BF143012.D	07 Jul 2025 16:49	RC/JU	Ok
12	Q2478-04MS	BF143013.D	07 Jul 2025 17:19	RC/JU	Ok,M
13	Q2478-04MSD	BF143014.D	07 Jul 2025 17:50	RC/JU	Ok,M
14	Q2514-02	BF143015.D	07 Jul 2025 18:21	RC/JU	Ok
15	Q2513-03	BF143016.D	07 Jul 2025 18:51	RC/JU	Ok,M
16	Q2507-01	BF143017.D	07 Jul 2025 19:21	RC/JU	Ok,M
17	Q2484-01	BF143018.D	07 Jul 2025 19:51	RC/JU	Dilution
18	Q2473-03	BF143019.D	07 Jul 2025 20:21	RC/JU	Ok,M
19	Q2473-01	BF143020.D	07 Jul 2025 20:51	RC/JU	Ok,M
20	Q2484-03	BF143021.D	07 Jul 2025 21:22	RC/JU	Ok,M
21	Q2473-02	BF143022.D	07 Jul 2025 21:52	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF070725

Review By	Rahul	Review On	7/8/2025 10:39:40 AM				
Supervise By	Jagrut	Supervise On	7/8/2025 11:33:00 AM				
SubDirectory	BF070725	HP Acquire Method	BNA_F		HP Processing Method	bf061925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2513-01	BF143023.D	07 Jul 2025 22:22	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF070825

Review By	Rahul	Review On	7/9/2025 9:47:19 AM				
Supervise By	Jagrut	Supervise On	7/9/2025 2:16:38 PM				
SubDirectory	BF070825	HP Acquire Method	BNA_F		HP Processing Method	bf061925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143024.D	08 Jul 2025 10:24	RC/JU	Ok
2	SSTDCCC040	BF143025.D	08 Jul 2025 10:54	RC/JU	Ok,M
3	PB168716BL	BF143026.D	08 Jul 2025 11:24	RC/JU	Ok
4	PB168716BS	BF143027.D	08 Jul 2025 11:54	RC/JU	Ok,M
5	PB168716BSD	BF143028.D	08 Jul 2025 12:25	RC/JU	Ok,M
6	PB168722BS	BF143029.D	08 Jul 2025 12:55	RC/JU	Ok,M
7	Q2514-07	BF143030.D	08 Jul 2025 13:31	RC/JU	Ok
8	Q2514-08	BF143031.D	08 Jul 2025 14:02	RC/JU	Ok
9	Q2514-08MS	BF143032.D	08 Jul 2025 14:32	RC/JU	Ok,M
10	Q2514-08MSD	BF143033.D	08 Jul 2025 15:03	RC/JU	Ok,M
11	Q2515-01	BF143034.D	08 Jul 2025 15:34	RC/JU	Ok
12	Q2514-09	BF143035.D	08 Jul 2025 16:05	RC/JU	Ok
13	Q2514-03	BF143036.D	08 Jul 2025 16:36	RC/JU	Ok
14	Q2514-01	BF143037.D	08 Jul 2025 17:07	RC/JU	Ok
15	Q2514-05	BF143038.D	08 Jul 2025 17:37	RC/JU	Ok,M
16	Q2489-01	BF143039.D	08 Jul 2025 18:08	RC/JU	Ok
17	Q2489-02	BF143040.D	08 Jul 2025 18:39	RC/JU	Ok
18	Q2493-04	BF143041.D	08 Jul 2025 19:10	RC/JU	Ok
19	Q2484-01DL	BF143042.D	08 Jul 2025 19:41	RC/JU	Ok,M
20	Q2473-01DL	BF143043.D	08 Jul 2025 20:12	RC/JU	Ok,M
21	Q2514-06	BF143044.D	08 Jul 2025 20:42	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF070825

Review By	Rahul	Review On	7/9/2025 9:47:19 AM		
Supervise By	Jagrut	Supervise On	7/9/2025 2:16:38 PM		
SubDirectory	BF070825	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2514-10	BF143045.D	08 Jul 2025 21:12	RC/JU	Ok,M
23	Q2514-04	BF143046.D	08 Jul 2025 21:42	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF070925

Review By	Rahul	Review On	7/9/2025 3:55:15 PM				
Supervise By	Jagrut	Supervise On	7/10/2025 5:36:41 PM				
SubDirectory	BF070925	HP Acquire Method	BNA_F			HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143047.D	09 Jul 2025 10:22	RC/JU	Ok
2	SSTDCCC040	BF143048.D	09 Jul 2025 10:52	RC/JU	Ok,M
3	PB168737BL	BF143049.D	09 Jul 2025 11:23	RC/JU	Ok
4	PB168737BS	BF143050.D	09 Jul 2025 11:54	RC/JU	Ok,M
5	PB168750BL	BF143051.D	09 Jul 2025 12:24	RC/JU	Ok
6	PB168750BS	BF143052.D	09 Jul 2025 12:54	RC/JU	Ok,M
7	Q2489-06	BF143053.D	09 Jul 2025 13:27	RC/JU	Ok
8	Q2489-07	BF143054.D	09 Jul 2025 13:57	RC/JU	Ok
9	Q2489-08	BF143055.D	09 Jul 2025 14:28	RC/JU	Ok
10	Q2489-03	BF143056.D	09 Jul 2025 14:58	RC/JU	Ok
11	Q2489-04	BF143057.D	09 Jul 2025 15:28	RC/JU	Ok
12	Q2489-05	BF143058.D	09 Jul 2025 15:59	RC/JU	Ok
13	Q2517-01	BF143059.D	09 Jul 2025 16:29	RC/JU	Ok
14	Q2517-01MS	BF143060.D	09 Jul 2025 17:00	RC/JU	Ok,M
15	Q2517-01MSD	BF143061.D	09 Jul 2025 17:30	RC/JU	Ok,M
16	Q2529-07	BF143062.D	09 Jul 2025 18:01	RC/JU	Ok
17	Q2487-13	BF143063.D	09 Jul 2025 18:31	RC/JU	Dilution
18	Q2487-09	BF143064.D	09 Jul 2025 19:02	RC/JU	Ok,M
19	Q2529-06	BF143065.D	09 Jul 2025 19:33	RC/JU	Ok
20	Q2527-01	BF143066.D	09 Jul 2025 20:04	RC/JU	Ok,M
21	Q2487-16	BF143067.D	09 Jul 2025 20:34	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF070925

Review By	Rahul	Review On	7/9/2025 3:55:15 PM				
Supervise By	Jagrut	Supervise On	7/10/2025 5:36:41 PM				
SubDirectory	BF070925	HP Acquire Method	BNA_F		HP Processing Method	bf061925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2487-11	BF143068.D	09 Jul 2025 21:04	RC/JU	Ok,M
23	Q2487-15	BF143069.D	09 Jul 2025 21:35	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP070325

Review By	Rahul	Review On	7/7/2025 11:36:11 AM				
Supervise By	Jagrut	Supervise On	7/7/2025 12:15:03 PM				
SubDirectory	BP070325	HP Acquire Method	BNA_P		HP Processing Method	bp070325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025070.D	03 Jul 2025 08:58	CG/JU	Ok
2	SSTDICC2.5	BP025071.D	03 Jul 2025 09:39	CG/JU	Ok
3	SSTDICC005	BP025072.D	03 Jul 2025 10:21	CG/JU	Ok,M
4	SSTDICC010	BP025073.D	03 Jul 2025 11:02	CG/JU	Ok,M
5	SSTDICC020	BP025074.D	03 Jul 2025 11:44	CG/JU	Ok,M
6	SSTDICCC040	BP025075.D	03 Jul 2025 12:25	CG/JU	Ok,M
7	SSTDICC050	BP025076.D	03 Jul 2025 13:07	CG/JU	Ok,M
8	SSTDICC060	BP025077.D	03 Jul 2025 13:49	CG/JU	Ok,M
9	SSTDICC080	BP025078.D	03 Jul 2025 14:31	CG/JU	Ok,M
10	SSTDICV040	BP025079.D	03 Jul 2025 16:18	CG/JU	Ok,M
11	PB168694BL	BP025080.D	03 Jul 2025 16:59	CG/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071025

Review By	Rahul	Review On	7/11/2025 12:10:50 PM				
Supervise By	Jagrut	Supervise On	7/11/2025 2:55:32 PM				
SubDirectory	BP071025	HP Acquire Method	BNA_P		HP Processing Method	bp070325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025081.D	10 Jul 2025 13:18	CG/JU	Ok
2	SSTDCCC040	BP025082.D	10 Jul 2025 14:04	CG/JU	Ok,M
3	PB168767BL	BP025083.D	10 Jul 2025 14:48	CG/JU	Ok
4	PB168767BS	BP025084.D	10 Jul 2025 15:30	CG/JU	Ok,M
5	Q2527-03	BP025085.D	10 Jul 2025 16:15	CG/JU	Ok
6	Q2524-01	BP025086.D	10 Jul 2025 16:57	CG/JU	Ok
7	Q2523-03	BP025087.D	10 Jul 2025 17:39	CG/JU	Ok
8	Q2529-10	BP025088.D	10 Jul 2025 18:21	CG/JU	Ok
9	Q2529-04	BP025089.D	10 Jul 2025 19:03	CG/JU	Ok
10	Q2529-01	BP025090.D	10 Jul 2025 19:44	CG/JU	Ok,M
11	Q2519-01	BP025091.D	10 Jul 2025 20:26	CG/JU	Ok
12	Q2523-01	BP025092.D	10 Jul 2025 21:08	CG/JU	Ok,M
13	Q2523-02	BP025093.D	10 Jul 2025 21:50	CG/JU	Ok
14	Q2526-03	BP025094.D	10 Jul 2025 22:31	CG/JU	Ok
15	Q2487-13DL	BP025095.D	10 Jul 2025 23:13	CG/JU	Dilution
16	Q2526-01	BP025096.D	10 Jul 2025 23:55	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071525

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP071525	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025137.D	15 Jul 2025 08:55	CG/JU	Ok
2	SSTDCCC040	BP025138.D	15 Jul 2025 09:36	CG/JU	Ok,NR
3	PB168761TB	BP025139.D	15 Jul 2025 10:17	CG/JU	Ok
4	PB168787BS	BP025140.D	15 Jul 2025 10:58	CG/JU	Not Ok
5	Q2517-04MS	BP025141.D	15 Jul 2025 11:44	CG/JU	Ok
6	Q2517-04MSD	BP025142.D	15 Jul 2025 12:25	CG/JU	Ok,NR
7	Q2543-01	BP025143.D	15 Jul 2025 13:07	CG/JU	Ok
8	Q2565-01	BP025144.D	15 Jul 2025 13:48	CG/JU	Ok,NR
9	Q2565-03	BP025145.D	15 Jul 2025 14:30	CG/JU	Ok
10	Q2550-02	BP025146.D	15 Jul 2025 15:17	CG/JU	Ok,NR
11	Q2487-13DL2	BP025147.D	15 Jul 2025 15:58	CG/JU	Ok,NR
12	Q2597-01	BP025148.D	15 Jul 2025 16:39	CG/JU	Ok,NR
13	Q2590-01	BP025149.D	15 Jul 2025 17:21	CG/JU	Ok,NR
14	Q2595-01	BP025150.D	15 Jul 2025 18:02	CG/JU	Ok
15	Q2571-01	BP025151.D	15 Jul 2025 18:43	CG/JU	Not Ok
16	Q2539-01	BP025152.D	15 Jul 2025 19:25	CG/JU	Not Ok
17	Q2546-01	BP025153.D	15 Jul 2025 20:06	CG/JU	Ok,NR

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061925

Review By	Rahul	Review On	6/23/2025 3:55:52 PM		
Supervise By	Jagrut	Supervise On	6/24/2025 3:17:49 PM		
SubDirectory	BF061925	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12670,10ul/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	BF142787.D	19 Jun 2025 16:37		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF142788.D	19 Jun 2025 17:07		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF142789.D	19 Jun 2025 17:38		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF142790.D	19 Jun 2025 18:08		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF142791.D	19 Jun 2025 18:39		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF142792.D	19 Jun 2025 19:09		RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF142793.D	19 Jun 2025 19:40		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF142794.D	19 Jun 2025 20:10		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF142795.D	19 Jun 2025 20:40	Compound #09 removed from 80 PPM.	RC/JU	Ok
10	SSTDICV040	ICVBF061925	BF142796.D	19 Jun 2025 21:10		RC/JU	Ok
11	PB168536BL	PB168536BL	BF142797.D	19 Jun 2025 22:10		RC/JU	Ok
12	PB168536BS	PB168536BS	BF142798.D	19 Jun 2025 22:40		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF070725

Review By	Rahul	Review On	7/8/2025 10:39:40 AM		
Supervise By	Jagrut	Supervise On	7/8/2025 11:33:00 AM		
SubDirectory	BF070725	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143002.D	07 Jul 2025 11:12		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143003.D	07 Jul 2025 12:12		RC/JU	Ok,M
3	PB168722BL	PB168722BL	BF143004.D	07 Jul 2025 12:42		RC/JU	Ok
4	Q2493-01	WC-11	BF143005.D	07 Jul 2025 13:16		RC/JU	Ok
5	Q2493-01MS	WC-11MS	BF143006.D	07 Jul 2025 13:47		RC/JU	Ok,M
6	Q2493-01MSD	WC-11MSD	BF143007.D	07 Jul 2025 14:17		RC/JU	Ok,M
7	Q2487-12	G3(6-12)	BF143008.D	07 Jul 2025 14:47		RC/JU	Ok
8	Q2487-10	G4(6-12)	BF143009.D	07 Jul 2025 15:17		RC/JU	Ok,M
9	Q2487-14	G2(6-12)	BF143010.D	07 Jul 2025 15:48		RC/JU	Ok,M
10	Q2491-01	EO-1-070225	BF143011.D	07 Jul 2025 16:18		RC/JU	Ok,M
11	Q2478-04	WC-1	BF143012.D	07 Jul 2025 16:49		RC/JU	Ok
12	Q2478-04MS	WC-1MS	BF143013.D	07 Jul 2025 17:19		RC/JU	Ok,M
13	Q2478-04MSD	WC-1MSD	BF143014.D	07 Jul 2025 17:50		RC/JU	Ok,M
14	Q2514-02	TP-93	BF143015.D	07 Jul 2025 18:21		RC/JU	Ok
15	Q2513-03	HR-3-070325	BF143016.D	07 Jul 2025 18:51		RC/JU	Ok,M
16	Q2507-01	SU-04-7.3-2025	BF143017.D	07 Jul 2025 19:21		RC/JU	Ok,M
17	Q2484-01	TP-58	BF143018.D	07 Jul 2025 19:51	Need 5X Dilution	RC/JU	Dilution
18	Q2473-03	PIT#3	BF143019.D	07 Jul 2025 20:21		RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF070725

Review By	Rahul	Review On	7/8/2025 10:39:40 AM		
Supervise By	Jagrut	Supervise On	7/8/2025 11:33:00 AM		
SubDirectory	BF070725	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2473-01	PIT#1	BF143020.D	07 Jul 2025 20:51	need DL 10X	RC/JU	Ok,M
20	Q2484-03	TP-64	BF143021.D	07 Jul 2025 21:22		RC/JU	Ok,M
21	Q2473-02	PIT#2	BF143022.D	07 Jul 2025 21:52		RC/JU	Ok,M
22	Q2513-01	HR-2-070325	BF143023.D	07 Jul 2025 22:22		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF070825

Review By	Rahul	Review On	7/9/2025 9:47:19 AM		
Supervise By	Jagrut	Supervise On	7/9/2025 2:16:38 PM		
SubDirectory	BF070825	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143024.D	08 Jul 2025 10:24		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143025.D	08 Jul 2025 10:54		RC/JU	Ok,M
3	PB168716BL	PB168716BL	BF143026.D	08 Jul 2025 11:24		RC/JU	Ok
4	PB168716BS	PB168716BS	BF143027.D	08 Jul 2025 11:54		RC/JU	Ok,M
5	PB168716BSD	PB168716BSD	BF143028.D	08 Jul 2025 12:25		RC/JU	Ok,M
6	PB168722BS	PB168722BS	BF143029.D	08 Jul 2025 12:55		RC/JU	Ok,M
7	Q2514-07	TP-36	BF143030.D	08 Jul 2025 13:31		RC/JU	Ok
8	Q2514-08	TP-78	BF143031.D	08 Jul 2025 14:02		RC/JU	Ok
9	Q2514-08MS	TP-78MS	BF143032.D	08 Jul 2025 14:32		RC/JU	Ok,M
10	Q2514-08MSD	TP-78MSD	BF143033.D	08 Jul 2025 15:03		RC/JU	Ok,M
11	Q2515-01	WC-1	BF143034.D	08 Jul 2025 15:34		RC/JU	Ok
12	Q2514-09	TP-81	BF143035.D	08 Jul 2025 16:05		RC/JU	Ok
13	Q2514-03	TP-94	BF143036.D	08 Jul 2025 16:36		RC/JU	Ok
14	Q2514-01	TP-92	BF143037.D	08 Jul 2025 17:07		RC/JU	Ok
15	Q2514-05	TP-97	BF143038.D	08 Jul 2025 17:37		RC/JU	Ok,M
16	Q2489-01	G4(0-6)	BF143039.D	08 Jul 2025 18:08		RC/JU	Ok
17	Q2489-02	G4(6-12)	BF143040.D	08 Jul 2025 18:39		RC/JU	Ok
18	Q2493-04	WC-11	BF143041.D	08 Jul 2025 19:10		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF070825

Review By	Rahul	Review On	7/9/2025 9:47:19 AM		
Supervise By	Jagrut	Supervise On	7/9/2025 2:16:38 PM		
SubDirectory	BF070825	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2484-01DL	TP-58DL	BF143042.D	08 Jul 2025 19:41		RC/JU	Ok,M
20	Q2473-01DL	PIT#1DL	BF143043.D	08 Jul 2025 20:12		RC/JU	Ok,M
21	Q2514-06	TP-103	BF143044.D	08 Jul 2025 20:42		RC/JU	Ok
22	Q2514-10	TP-90	BF143045.D	08 Jul 2025 21:12		RC/JU	Ok,M
23	Q2514-04	TP-96	BF143046.D	08 Jul 2025 21:42		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF070925

Review By	Rahul	Review On	7/9/2025 3:55:15 PM		
Supervise By	Jagrut	Supervise On	7/10/2025 5:36:41 PM		
SubDirectory	BF070925	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143047.D	09 Jul 2025 10:22		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143048.D	09 Jul 2025 10:52		RC/JU	Ok,M
3	PB168737BL	PB168737BL	BF143049.D	09 Jul 2025 11:23		RC/JU	Ok
4	PB168737BS	PB168737BS	BF143050.D	09 Jul 2025 11:54		RC/JU	Ok,M
5	PB168750BL	PB168750BL	BF143051.D	09 Jul 2025 12:24		RC/JU	Ok
6	PB168750BS	PB168750BS	BF143052.D	09 Jul 2025 12:54		RC/JU	Ok,M
7	Q2489-06	G2(6-12)	BF143053.D	09 Jul 2025 13:27		RC/JU	Ok
8	Q2489-07	G1(0-6)	BF143054.D	09 Jul 2025 13:57		RC/JU	Ok
9	Q2489-08	G1(6-12)	BF143055.D	09 Jul 2025 14:28		RC/JU	Ok
10	Q2489-03	G3(0-6)	BF143056.D	09 Jul 2025 14:58		RC/JU	Ok
11	Q2489-04	G3(6-12)	BF143057.D	09 Jul 2025 15:28		RC/JU	Ok
12	Q2489-05	G2(0-6)	BF143058.D	09 Jul 2025 15:59		RC/JU	Ok
13	Q2517-01	TP-14	BF143059.D	09 Jul 2025 16:29		RC/JU	Ok
14	Q2517-01MS	TP-14MS	BF143060.D	09 Jul 2025 17:00		RC/JU	Ok,M
15	Q2517-01MSD	TP-14MSD	BF143061.D	09 Jul 2025 17:30		RC/JU	Ok,M
16	Q2529-07	TP-101	BF143062.D	09 Jul 2025 18:01		RC/JU	Ok
17	Q2487-13	G2(0-6)	BF143063.D	09 Jul 2025 18:31	Need further 2X Dilution	RC/JU	Dilution
18	Q2487-09	G4(0-6)	BF143064.D	09 Jul 2025 19:02		RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF070925

Review By	Rahul	Review On	7/9/2025 3:55:15 PM		
Supervise By	Jagrut	Supervise On	7/10/2025 5:36:41 PM		
SubDirectory	BF070925	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2529-06	TP-102	BF143065.D	09 Jul 2025 19:33		RC/JU	Ok
20	Q2527-01	ARS20-0015	BF143066.D	09 Jul 2025 20:04	Internal standard fail	RC/JU	Ok,M
21	Q2487-16	G1(6-12)	BF143067.D	09 Jul 2025 20:34	Internal standard fail	RC/JU	Ok,M
22	Q2487-11	G3(0-6)	BF143068.D	09 Jul 2025 21:04	Internal standard fail	RC/JU	Ok,M
23	Q2487-15	G1(0-6)	BF143069.D	09 Jul 2025 21:35	Internal standard fail	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP070325

Review By	Rahul	Review On	7/7/2025 11:36:11 AM		
Supervise By	Jagrut	Supervise On	7/7/2025 12:15:03 PM		
SubDirectory	BP070325	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025070.D	03 Jul 2025 08:58		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025071.D	03 Jul 2025 09:39		CG/JU	Ok
3	SSTDICC005	SSTDICC005	BP025072.D	03 Jul 2025 10:21		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025073.D	03 Jul 2025 11:02		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP025074.D	03 Jul 2025 11:44		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025075.D	03 Jul 2025 12:25	compound #77 failed in the calibration.	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025076.D	03 Jul 2025 13:07	Compound#26,32,48,54,57,65,80,85 Kept on LR	CG/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP025077.D	03 Jul 2025 13:49		CG/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP025078.D	03 Jul 2025 14:31	Compound#09 removed from 80 ppm	CG/JU	Ok,M
10	SSTDICV040	ICVBP070325	BP025079.D	03 Jul 2025 16:18		CG/JU	Ok,M
11	PB168694BL	PB168694BL	BP025080.D	03 Jul 2025 16:59	Analyzed for contamination check	CG/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071025

Review By	Rahul	Review On	7/11/2025 12:10:50 PM		
Supervise By	Jagrut	Supervise On	7/11/2025 2:55:32 PM		
SubDirectory	BP071025	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025081.D	10 Jul 2025 13:18		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025082.D	10 Jul 2025 14:04	CCC fail high side for com. #77	CG/JU	Ok,M
3	PB168767BL	PB168767BL	BP025083.D	10 Jul 2025 14:48		CG/JU	Ok
4	PB168767BS	PB168767BS	BP025084.D	10 Jul 2025 15:30		CG/JU	Ok,M
5	Q2527-03	LAW-PAD-070825	BP025085.D	10 Jul 2025 16:15		CG/JU	Ok
6	Q2524-01	OLD RETENTION BAS	BP025086.D	10 Jul 2025 16:57		CG/JU	Ok
7	Q2523-03	PAD-070825-2	BP025087.D	10 Jul 2025 17:39		CG/JU	Ok
8	Q2529-10	TP-30	BP025088.D	10 Jul 2025 18:21		CG/JU	Ok
9	Q2529-04	TP-95	BP025089.D	10 Jul 2025 19:03		CG/JU	Ok
10	Q2529-01	TP-91	BP025090.D	10 Jul 2025 19:44		CG/JU	Ok,M
11	Q2519-01	TP-15	BP025091.D	10 Jul 2025 20:26		CG/JU	Ok
12	Q2523-01	MOO-25-0190	BP025092.D	10 Jul 2025 21:08	Internal standard fail	CG/JU	Ok,M
13	Q2523-02	PAD-070825-1	BP025093.D	10 Jul 2025 21:50	Internal standard fail	CG/JU	Ok
14	Q2526-03	LAW-25-0102	BP025094.D	10 Jul 2025 22:31		CG/JU	Ok
15	Q2487-13DL	G2(0-6)DL	BP025095.D	10 Jul 2025 23:13	Need further 2X Dilution	CG/JU	Dilution
16	Q2526-01	LAW-25-0101	BP025096.D	10 Jul 2025 23:55		CG/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071525

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP071525	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025137.D	15 Jul 2025 08:55		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025138.D	15 Jul 2025 09:36		CG/JU	Ok,NR
3	PB168761TB	PB168761TB	BP025139.D	15 Jul 2025 10:17		CG/JU	Ok
4	PB168787BS	PB168787BS	BP025140.D	15 Jul 2025 10:58	recovery fail for com. #Benzo(a)pyrene and #Indeno(1,2,3-cd)pyrene	CG/JU	Not Ok
5	Q2517-04MS	TP-14MS	BP025141.D	15 Jul 2025 11:44		CG/JU	Ok
6	Q2517-04MSD	TP-14MSD	BP025142.D	15 Jul 2025 12:25		CG/JU	Ok,NR
7	Q2543-01	TP-41	BP025143.D	15 Jul 2025 13:07		CG/JU	Ok
8	Q2565-01	MOO-25-0192-0193	BP025144.D	15 Jul 2025 13:48		CG/JU	Ok,NR
9	Q2565-03	MOO-25-0191	BP025145.D	15 Jul 2025 14:30		CG/JU	Ok
10	Q2550-02	VNJ-203	BP025146.D	15 Jul 2025 15:17		CG/JU	Ok,NR
11	Q2487-13DL2	G2(0-6)DL2	BP025147.D	15 Jul 2025 15:58		CG/JU	Ok,NR
12	Q2597-01	CHRT-26899	BP025148.D	15 Jul 2025 16:39		CG/JU	Ok,NR
13	Q2590-01	NB-7-071125	BP025149.D	15 Jul 2025 17:21		CG/JU	Ok,NR
14	Q2595-01	CHRT-24849	BP025150.D	15 Jul 2025 18:02		CG/JU	Ok
15	Q2571-01	TP-18	BP025151.D	15 Jul 2025 18:43	Need Straight Run	CG/JU	Not Ok
16	Q2539-01	HACKENSACK	BP025152.D	15 Jul 2025 19:25	Need Straight Run	CG/JU	Not Ok
17	Q2546-01	HD-02-7-9-2025	BP025153.D	15 Jul 2025 20:06		CG/JU	Ok,NR

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071525

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP071525	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/7/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 07/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136368

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
Q2487-01	G4(1.5)	1	1.15	10.21	11.36	10.14	88.1	
Q2487-02	G4(10)	2	1.19	10.38	11.57	8.76	72.9	
Q2487-03	G3(9)	3	1.15	10.66	11.81	7.38	58.4	
Q2487-04	G3(3)	4	1.15	10.80	11.95	10.8	89.4	
Q2487-05	G2(2.5)	5	1.17	10.00	11.17	10.48	93.1	
Q2487-06	G2(9)	6	1.16	10.26	11.42	8.00	66.7	
Q2487-07	G1(4.5)	7	1.19	10.11	11.3	7.8	65.4	
Q2487-08	G1(10)	8	1.16	9.96	11.12	6.65	55.1	
Q2487-09	G4(0-6)	9	1.18	10.26	11.44	10.12	87.1	
Q2487-10	G4(6-12)	10	1.16	10.14	11.3	8.52	72.6	
Q2487-11	G3(0-6)	11	1.18	10.42	11.6	10.68	91.2	
Q2487-12	G3(6-12)	12	1.18	10.41	11.59	8.49	70.2	
Q2487-13	G2(0-6)	13	1.17	9.95	11.12	10.11	89.8	
Q2487-14	G2(6-12)	14	1.16	10.68	11.84	8.39	67.7	
Q2487-15	G1(0-6)	15	1.17	10.55	11.72	9.68	80.7	
Q2487-16	G1(6-12)	16	1.13	10.24	11.37	10.68	93.3	
Q2501-05	SVOC-GPC-BLANK	17	1.00	1.00	2.00	2.00	100.0	
Q2501-06	PEST-GPC-BLANK	18	1.00	1.00	2.00	2.00	100.0	
Q2501-07	PEST-GPC-BLANK-SPIKE	19	1.00	1.00	2.00	2.00	100.0	
Q2501-08	PCB-GPC-BLANK	20	1.00	1.00	2.00	2.00	100.0	
Q2501-09	PCB-GPC-BLANK-SPIKE	21	1.00	1.00	2.00	2.00	100.0	
Q2501-10	SVOC-GPC-BLANK	22	1.00	1.00	2.00	2.00	100.0	
Q2501-11	PEST-GPC-BLANK	23	1.00	1.00	2.00	2.00	100.0	
Q2501-12	PEST-GPC-BLANK-SPIKE	24	1.00	1.00	2.00	2.00	100.0	
Q2501-13	PCB-GPC2-BLANK	25	1.00	1.00	2.00	2.00	100.0	
Q2501-14	PCB-GPC2-BLANK-SPIKE	26	1.00	1.00	2.00	2.00	100.0	
Q2503-03	GCAP2	27	1.18	10.65	11.83	8.76	71.2	
Q2503-04	GCAP3	28	1.18	10.64	11.82	8.16	65.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/7/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 07/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136368

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
Q2503-05	GCAP2A	29	1.18	10.30	11.48	9.11	77.0	
Q2504-01	WASTE	30	1.14	10.73	11.87	10.16	84.1	
Q2504-02	VOC	31	1.18	10.81	11.99	10.45	85.8	
Q2504-03	1	32	1.14	10.84	11.98	10.36	85.1	
Q2504-04	2	33	1.19	10.41	11.6	9.91	83.8	
Q2504-05	3	34	1.13	10.75	11.88	10.22	84.6	
Q2504-06	4	35	1.14	10.52	11.66	10.03	84.5	
Q2504-07	5	36	1.12	10.87	11.99	10.16	83.2	
Q2505-01	#62825	37	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2505-02	#62525	38	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2505-03	#2008	39	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2507-01	SU-04-7.3-2025	40	1.17	10.26	11.43	10.1	87.0	
Q2507-02	SU-04-7.3-2025-EPH	41	1.18	10.30	11.48	9.99	85.5	
Q2507-03	SU-04-7.3-2025-VOC	42	1.13	10.45	11.58	9.95	84.4	
Q2508-01	AUD-25-0105	43	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2508-02	AUD-25-0106	44	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2508-03	AUD-25-0107	45	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2509-02	AUD-25-0112	46	1.00	1.00	2.00	2.00	100.0	oily-debris
Q2510-01	#63025-A	47	1.15	11.63	12.78	10.79	82.9	
Q2510-02	#63025-A-VOC	48	1.18	10.19	11.37	9.86	85.2	
Q2513-01	HR-2-070325	49	1.18	9.89	11.07	10.51	94.3	
Q2513-02	HR-2-070325-E2	50	1.18	10.25	11.43	10.68	92.7	
Q2513-03	HR-3-070325	51	1.18	10.27	11.45	10.88	94.4	
Q2513-04	HR-3-070325-E2	52	1.14	10.67	11.81	11.23	94.6	
Q2514-01	TP-92	53	1.14	10.78	11.92	10.56	87.4	
Q2514-02	TP-93	54	1.19	10.71	11.9	10.58	87.7	
Q2514-03	TP-94	55	1.13	10.86	11.99	10.7	88.1	
Q2514-04	TP-96	56	1.14	11.10	12.24	10.66	85.8	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/7/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 07/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136368

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
Q2514-05	TP-97	57	1.16	10.02	11.18	9.68	85.0	
Q2514-06	TP-103	58	1.18	10.22	11.4	10.02	86.5	
Q2514-07	TP-36	59	1.15	10.78	11.93	10.88	90.3	
Q2514-08	TP-78	60	1.13	9.99	11.12	9.75	86.3	
Q2514-09	TP-81	61	1.16	10.50	11.66	10.22	86.3	
Q2514-10	TP-90	62	1.18	10.43	11.61	10.73	91.6	
Q2515-01	wc-1	63	1.15	10.31	11.46	10.17	87.5	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VP 136368

WorkList Name : %1-070325 **WorkList ID :** 190533 **Department :** Wet-Chemistry **Date :** 07-03-2025 08:34:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2487-01	G4(1.5)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-02	G4(10)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-03	G3(9)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-04	G3(3)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-05	G2(2.5)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-06	G2(9)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-07	G1(4.5)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-08	G1(10)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-09	G4(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-10	G4(6-12)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-11	G3(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-12	G3(6-12)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-13	G2(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-14	G2(6-12)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-15	G1(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2487-16	G1(6-12)	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2501-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	WALS01	A22	07/01/2025	Chemtech -SO
Q2501-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO

Date/Time 07/03/25 15:15

Raw Sample Received by: [signature] GPC

Raw Sample Relinquished by: JDCSM

Date/Time 07/03/25 17:35

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

UP 136368

WorkList Name : %1-070325 **WorkList ID :** 190533 **Department :** Wet-Chemistry **Date :** 07-03-2025 08:34:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2501-10	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-11	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-12	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2501-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2503-03	GCAP2	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/27/2025	Chemtech -SO
Q2503-04	GCAP3	Solid	Percent Solids	Cool 4 deg C	GENV01	O11	07/02/2025	Chemtech -SO
Q2503-05	GCAP2A	Solid	Percent Solids	Cool 4 deg C	GENV01	O11	07/02/2025	Chemtech -SO
Q2504-01	WASTE	Solid	Percent Solids	Cool 4 deg C	GENV01	O11	07/02/2025	Chemtech -SO
Q2504-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2504-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2505-01	#62825	Solid	Percent Solids	Cool 4 deg C	SCIA01	O12	07/02/2025	Chemtech -SO
Q2505-02	#62525	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/03/2025	Chemtech -SO
Q2505-03	#2008	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/03/2025	Chemtech -SO
Q2507-01	SU-04-7.3-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/03/2025	Chemtech -SO
Q2507-02	SU-04-7.3-2025-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	O12	07/04/2025	Chemtech -SO
Q2507-03	SU-04-7.3-2025-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	O12	07/04/2025	Chemtech -SO

Date/Time 07/03/25 15:15

Raw Sample Received by: [signature]

Raw Sample Relinquished by: JD (SM)

Date/Time 07/03/25 17:35

Raw Sample Received by: JD (SM)

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

JB136368

WorkList Name : %1-070325 **WorkList ID :** 190533 **Department :** Wet-Chemistry **Date :** 07-03-2025 08:34:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2508-01	AUD-25-0105	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/03/2025	Chemtech -SO
Q2508-02	AUD-25-0106	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/03/2025	Chemtech -SO
Q2508-03	AUD-25-0107	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/03/2025	Chemtech -SO
Q2509-02	AUD-25-0112	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/03/2025	Chemtech -SO
Q2510-01	#63025-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/03/2025	Chemtech -SO
Q2510-02	#63025-A-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG05	O22	07/03/2025	Chemtech -SO
Q2513-01	HR-2-070325	Solid	Percent Solids	Cool 4 deg C	PSEG05	O22	07/03/2025	Chemtech -SO
Q2513-02	HR-2-070325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	O21	07/03/2025	Chemtech -SO
Q2513-03	HR-3-070325	Solid	Percent Solids	Cool 4 deg C	PSEG05	O21	07/03/2025	Chemtech -SO
Q2513-04	HR-3-070325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	O21	07/03/2025	Chemtech -SO
Q2514-01	TP-92	Solid	Percent Solids	Cool 4 deg C	PSEG05	O21	07/03/2025	Chemtech -SO
Q2514-02	TP-93	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-03	TP-94	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-04	TP-96	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-05	TP-97	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-06	TP-103	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-07	TP-36	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/02/2025	Chemtech -SO
Q2514-08	TP-78	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/03/2025	Chemtech -SO
Q2514-09	TP-81	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/03/2025	Chemtech -SO
Q2514-10	TP-90	Solid	Percent Solids	Cool 4 deg C	CAMP02	O21	07/03/2025	Chemtech -SO
Q2515-01	wc-1	Solid	Percent Solids	Cool 4 deg C	ENVO01	O23	07/03/2025	Chemtech -SO

Date/Time 07/03/25 15:15

Raw Sample Received by: [illegible] JWC

Raw Sample Relinquished by: JD (SM)

Date/Time 07/03/25 17:35

Raw Sample Received by: JD (SM)

Raw Sample Relinquished by: [illegible] JWC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168722

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/03/2025
Matrix :	Solid			**Extraction Start Time :**	09:00
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	07/03/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:25
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	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	EP2612
Baked Na2SO4	N/A	EP2624
~~Silica~~	N/A	~~E2865~~
Methylene Chloride	N/A	E3943
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

RJ 7/2/25

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/3/25	RJ (Ext lab)	RC/SVOC
12:30	**Preparation Group**	**Analysis Group**

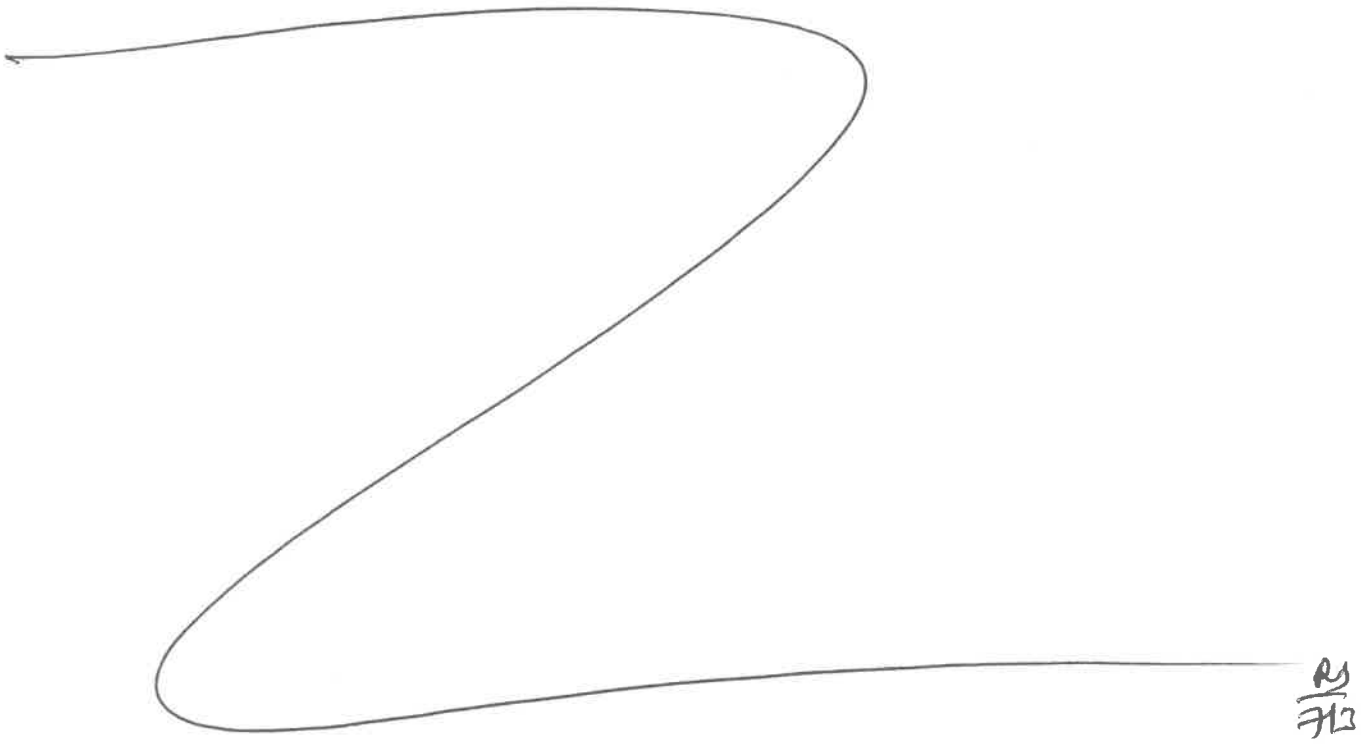
Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168722

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 07/03/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168722BL	SBLK722	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			U1-1
PB168722BS	SLCS722	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q2487-09	G4(0-6)	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	B		3
Q2487-10	G4(6-12)	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	B		4
Q2487-11	G3(0-6)	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	B		5
Q2487-12	G3(6-12)	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	B		6
Q2487-13	G2(0-6)	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	B		U2-1
Q2487-14	G2(6-12)	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	B		2
Q2487-15	G1(0-6)	SVOC-TCL BNA -20	30.09	N/A	ritesh	Evelyn	1	B		3
Q2487-16	G1(6-12)	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	B		4
Q2491-01	EO-1-070225	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	B		5
Q2493-01	WC-11	SVOC-TCL BNA -20	50.01	N/A	ritesh	Evelyn	1	B		6
Q2493-01MS	WC-11MS	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	B		U3-1
Q2493-01MSD	WC-11MSD	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	B		2



* **Extracts relinquished on the same date as received.**

168722
9:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2491 **WorkList ID :** 190534 **Department :** Extraction **Date :** 07-03-2025 08:54:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2487-09	G4(0-6)	Solid	SVOC-TCL BNA -20	Cool 4 deg C	WALS01	--Sele	07/01/2025	8270E
Q2487-10	G4(6-12)	Solid	SVOC-TCL BNA -20	Cool 4 deg C	WALS01	--Sele	07/01/2025	8270E
Q2487-11	G3(0-6)	Solid	SVOC-TCL BNA -20	Cool 4 deg C	WALS01	--Sele	07/01/2025	8270E
Q2487-12	G3(6-12)	Solid	SVOC-TCL BNA -20	Cool 4 deg C	WALS01	--Sele	07/01/2025	8270E
Q2487-13	G2(0-6)	Solid	SVOC-TCL BNA -20	Cool 4 deg C	WALS01	--Sele	07/01/2025	8270E
Q2487-14	G2(6-12)	Solid	SVOC-TCL BNA -20	Cool 4 deg C	WALS01	--Sele	07/01/2025	8270E
Q2487-15	G1(0-6)	Solid	SVOC-TCL BNA -20	Cool 4 deg C	WALS01	--Sele	07/01/2025	8270E
Q2487-16	G1(6-12)	Solid	SVOC-TCL BNA -20	Cool 4 deg C	WALS01	--Sele	07/01/2025	8270E
Q2491-01	EO-1-070225	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	A61	07/02/2025	8270E
Q2493-01	WC-11	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	A43	07/02/2025	8270E

Date/Time 7/3/25 8:55
Raw Sample Received by: RJ (Ext-lab)
Raw Sample Relinquished by: SM

Date/Time 7/3/25 9:25
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (Ext-lab)



SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q1487
QUOTE NO.
COC Number 2046744

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Walsh Construction
ADDRESS: 150 Clove Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Benie Dion Gokan
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shafts 17BH&B
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: jsylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clove Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: STANDARD TAT _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☒ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1: TCL VOCs + TICs + TCLP VOCs
2: TCL SVOCs + TICs
3: TAL Metals + Mercury (ReCrA + Be, Cu, Ni, Zn, Ag, Cr)
4: Total Chromium + Cr VI + Hex Chromium
5: Pest/Herb/PCB
6: SPLP VOCs, SVOCs, Metals, Pest, Herb
7: TCLP VOCs, SVOCs, Metals, Pest, Herb
8: NJ EPH (with TPH (Carb 7 Pit 1340))
9: Rush Cr6 Contacts (Hex Chromium, Chromium, Corrosivity, Reactivity, Sulfide, Cyanide)
* See add'l analyses in comments

PRESERVATIVES

1: T+E
2–9: E

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER (methanol)

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	G4(1.5)	Soil		X	7/1/25	1025	6	X									3x vials (temp cure set)
2.	G4(10)			X		1045		X									+ 2x encores +
3.	G3(9)			X		1150		X									@ 1x plastic
4.	G3(3)			X		1200		X									
5.	G2(2.5)			X		1325		X									
6.	G2(9)			X		1330		X									
7.	G1(4.5)			X		1430		X									3x vials (temp cure set)
8.	G1(10)			X		1440		X									1x 8oz + 1x plastic + 1x encore
9.	G4(0-6)		X			1100	7		X	X	X	X	X	X	X	X	7x 8 oz jars
10.	G4(6-12)	↓	X		↓	1110	↓		X	X	X	X	X	X	X	X	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	7/1/25 1600	1. Benie DG
2. Benie DG	7-1-25 1600	2. 7-1-25 1600
3.	7-1-25 1818	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.5 °C
Comments: Full analyte list in B. Gokan email on 6/26/25 to J. Hedvat
See Bottle order # B2506068 & B2506069
Add'l analyses – Paint Filter, Organic Content by LOI, TS, TVS, Ammonia & Nitrogen, COD, O&G & Grease

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q2487
QUOTE NO.
COC Number 2047536

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Walsh Construction
ADDRESS: 150 Clove Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Bernie Dan Gokcan
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shafts 178+873
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: jsylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clove Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: STANDARD TAT DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- [X] 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
- [ ] Other
- [ ] US EPA CLP
- [ ] NYS ASP B
- [ ] EDD FORMAT

ANALYSIS

1. TCL VOCs + TICs
2. TCL SVOCs + TICs
3. TAL Metals + Mercury (RCRA + Ba, Cr, Pb only)
4. TCLP + SPLP VOCs
5. TCLP + SPLP SVOCs
6. TAL Metals + Mercury
7. TCLP Pest/Herb/PCBs
8. SPLP Pest/Herb/PCBs
9. TCLP Metals
10. NJ EPH
11. TPH (GRO + DRO)
12. RCRA Characteristics (Ignit., Corrs, Reactivity)

*See add'l analyses in comments

PRESERVATIVES

F+E | E | E | E | E | E | E | E | E

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER (methanol)

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	G3 (0-6)	Soil	X		7/1/25	1235	7		X	X	X	X	X	X	X	X	7x 8 oz jars
2.	G3 (6-12)					1245											
3.	G2 (0-6)					1350											
4.	G2 (6-12)					1400											
5.	G1 (0-6)					1410											
6.	G1 (6-12)					1420											
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	7/1/25 1600	1. Bernie DG
2. Bernie DG	7-1-25	2. 1600 7-1-25
3.	7/1/25 1618	3.

Conditions of bottles or coolers at receipt: [ ] COMPLIANT [ ] NON COMPLIANT [ ] COOLER TEMP 3.5 °C
Comments: Full analyte list in B. Gokcan email on 6/26/25 to J. Heaivat
See Bottle Order #B25060068 & B25060069
Add'l analyses - Point Filter, Organic Content by LOI, TS, TVS, Ammonia & Nitrogen, COD, Oil & Grease

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CLIENT: [ ] Hand Delivered [ ] Other

Shipment Complete [ ] YES [ ] NO

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284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2487 WALS01
Client Name : Walsh Construction Compa
Client Contact : Jesse A. Sylvestri
Invoice Name : Walsh Construction Compa
Invoice Contact : Jesse A. Sylvestri

Order Date : 7/2/2025 10:05:00 AM
Project Name : Construction of Shafts 17B-
Receive DateTime : 7/1/2025 ~~4:00:00~~ PM 18:18
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2487-01	G4(1.5)	Solid	07/01/2025	10:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2487-02	G4(10)	Solid	07/01/2025	10:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2487-03	G3(9)	Solid	07/01/2025	10:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2487-04	G3(3)	Solid	07/01/2025	10:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2487-05	G2(2.5)	Solid	07/01/2025	10:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2487-06	G2(9)	Solid	07/01/2025	10:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2487-07	G1(4.5)	Solid	07/01/2025	10:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2487-08	G1(10)	Solid	07/01/2025	10:25					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2487 WALS01
Client Name : Walsh Construction Compa
Client Contact : Jesse A. Sylvestri
Invoice Name : Walsh Construction Compa
Invoice Contact : Jesse A. Sylvestri

Order Date : 7/2/2025 10:05:00 AM
Project Name : Construction of Shafts 17B-
Receive DateTime : 7/1/2025 4~~:00:00~~ PM
Purchase Order : 18:18 25

Project Mgr :
Report Type : Level 2
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260D	10 Bus. Days		

Relinguished By :
Date / Time : 7/2/25 1545

Received By :
Date / Time : 07/02/25 15:45

Storage Area : VOA Refridgerator Room